

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062320\
 Data File : VN062045.D
 Acq On : 23 Jun 2020 16:36
 Operator : JC/MD
 Sample : VN0623WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0623WBSD01

Quant Time: Jun 24 01:32:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 17 01:19:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	155489	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	271166	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	256073	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	118129	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	109144	52.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.68%	
35) Dibromofluoromethane	7.55	113	88884	51.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.48%	
50) Toluene-d8	10.06	98	338750	49.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.34%	
62) 4-Bromofluorobenzene	12.37	95	118552	50.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	38068	18.998	ug/l	98
3) Chloromethane	2.03	50	38202	17.700	ug/l	100
4) Vinyl Chloride	2.16	62	46713	18.156	ug/l	97
5) Bromomethane	2.53	94	31099	15.740	ug/l	99
6) Chloroethane	2.67	64	33155	19.040	ug/l	100
7) Trichlorofluoromethane	2.98	101	66283	21.567	ug/l	97
8) Diethyl Ether	3.37	74	23096	22.354	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.71	101	33175	21.041	ug/l	99
10) Methyl Iodide	3.90	142	31567	20.143	ug/l	98
11) Tert butyl alcohol	4.73	59	33613	116.482	ug/l #	90
12) 1,1-Dichloroethene	3.69	96	30898	19.558	ug/l	98
13) Acrolein	3.57	56	11041	64.017	ug/l	99
14) Allyl chloride	4.27	41	44900	21.414	ug/l	98
15) Acrylonitrile	4.93	53	84945	118.800	ug/l	97
16) Acetone	3.77	43	69746	113.229	ug/l	99
17) Carbon Disulfide	4.01	76	71695	15.510	ug/l	97
18) Methyl Acetate	4.28	43	42462	23.944	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	117049	22.252	ug/l	99
20) Methylene Chloride	4.50	84	40299	20.081	ug/l	98
21) trans-1,2-Dichloroethene	4.98	96	34375	18.943	ug/l	97
22) Diisopropyl ether	5.90	45	108808	22.690	ug/l	99
23) Vinyl Acetate	5.84	43	423117	112.183	ug/l	97
24) 1,1-Dichloroethane	5.80	63	67441	21.484	ug/l	96
25) 2-Butanone	6.78	43	105983	117.929	ug/l	99
26) 2,2-Dichloropropane	6.77	77	56051	21.223	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	42859	20.469	ug/l	96
28) Bromochloromethane	7.15	49	28426	20.337	ug/l	94
29) Tetrahydrofuran	7.17	42	69551	117.595	ug/l	97
30) Chloroform	7.33	83	69345	20.669	ug/l	96
31) Cyclohexane	7.61	56	50748	18.467	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	57494	20.122	ug/l	99
36) 1,1-Dichloropropene	7.75	75	48137	19.462	ug/l	98
37) Ethyl Acetate	6.88	43	45980	23.806	ug/l	98
38) Carbon Tetrachloride	7.73	117	46998	19.188	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062320\
 Data File : VN062045.D
 Acq On : 23 Jun 2020 16:36
 Operator : JC/MD
 Sample : VN0623WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0623WBSD01

Quant Time: Jun 24 01:32:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 17 01:19:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	49650	18.643	ug/l	97
40) Benzene	8.00	78	153017	20.423	ug/l	98
41) Methacrylonitrile	7.16	41	64517	78.117	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	55838	21.857	ug/l	97
43) Isopropyl Acetate	8.12	43	76192	23.408	ug/l #	91
44) Trichloroethene	8.80	130	38166	19.356	ug/l	99
45) 1,2-Dichloropropane	9.08	63	40663	22.085	ug/l	98
46) Dibromomethane	9.17	93	27436	21.160	ug/l	98
47) Bromodichloromethane	9.37	83	57293	21.580	ug/l	99
48) Methyl methacrylate	9.17	41	32882	22.214	ug/l	98
49) 1,4-Dioxane	9.16	88	14327	421.580	ug/l	94
51) 4-Methyl-2-Pentanone	9.95	43	226384	117.697	ug/l	99
52) Toluene	10.12	92	95687	20.336	ug/l	96
53) t-1,3-Dichloropropene	10.35	75	61179	21.707	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	65266	21.320	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	41451	22.390	ug/l	99
56) Ethyl methacrylate	10.40	69	54239	20.969	ug/l	98
57) 1,3-Dichloropropane	10.68	76	70233	22.393	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	101642	104.027	ug/l	96
59) 2-Hexanone	10.72	43	160127	112.023	ug/l	99
60) Dibromochloromethane	10.87	129	43135	20.881	ug/l	99
61) 1,2-Dibromoethane	10.98	107	41027	21.223	ug/l	99
64) Tetrachloroethene	10.60	164	31703	19.424	ug/l	96
65) Chlorobenzene	11.40	112	105681	19.558	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	38714	20.543	ug/l	98
67) Ethyl Benzene	11.48	91	182096	20.100	ug/l	100
68) m/p-Xylenes	11.59	106	139606	39.964	ug/l	97
69) o-Xylene	11.92	106	67239	20.173	ug/l	99
70) Styrene	11.94	104	112512	20.160	ug/l	100
71) Bromoform	12.10	173	27964	20.351	ug/l #	99
73) Isopropylbenzene	12.22	105	177075	21.094	ug/l	99
74) N-amyl acetate	12.04	43	60979	21.894	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	60405	22.133	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	73865	31.850	ug/l #	100
77) Bromobenzene	12.50	156	43512	20.546	ug/l	97
78) n-propylbenzene	12.56	91	201539	21.041	ug/l	100
79) 2-Chlorotoluene	12.65	91	121913	21.192	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	146174	21.048	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	18127	21.318	ug/l	97
82) 4-Chlorotoluene	12.75	91	123075	20.705	ug/l	99
83) tert-Butylbenzene	12.97	119	125226	21.269	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	145364	21.204	ug/l	99
85) sec-Butylbenzene	13.15	105	164772	21.382	ug/l	98
86) p-Isopropyltoluene	13.26	119	146163	21.285	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	76588	19.828	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	75901	19.197	ug/l	97
89) n-Butylbenzene	13.59	91	115495	20.139	ug/l	98
90) Hexachloroethane	13.85	117	26595	21.158	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	76403	20.547	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	9861	22.256	ug/l	92

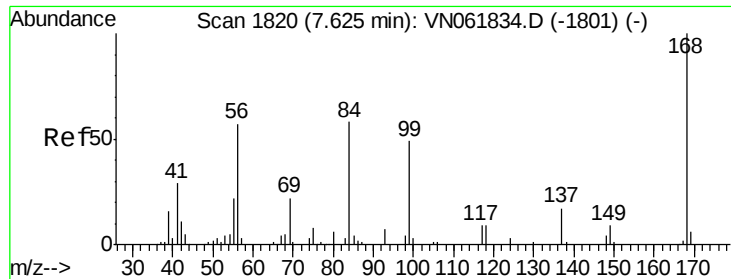
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062320\
Data File : VN062045.D
Acq On : 23 Jun 2020 16:36
Operator : JC/MD
Sample : VN0623WBSD01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0623WBSD01

Quant Time: Jun 24 01:32:33 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 17 01:19:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	33522	19.104	ug/l	100
94) Hexachlorobutadiene	14.98	225	14673	21.232	ug/l	98
95) Naphthalene	15.10	128	96464	18.756	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	34185	19.672	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN062045.D

Acq: 23 Jun 2020 16:36

Instrument :

MSVOA_N

ClientSampleId :

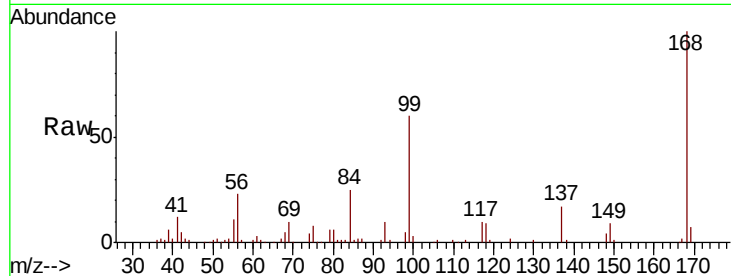
VN0623WBSD01

Tot Ion:168 Resp: 155489

Ion Ratio Lower Upper

168 100

99 59.3 44.6 67.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.62

60000

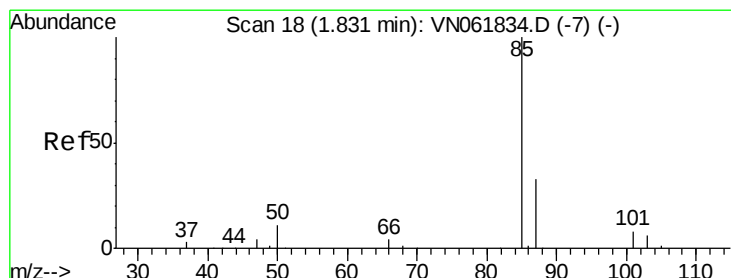
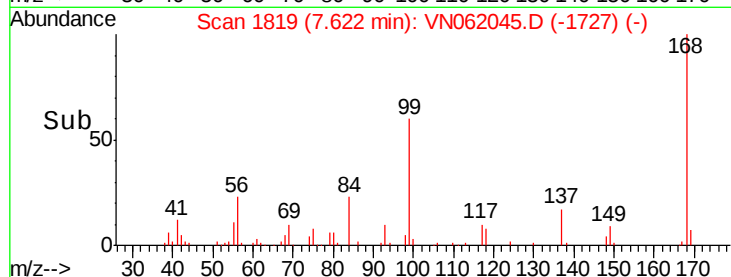
40000

20000

0

7.50 7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 18.998 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN062045.D

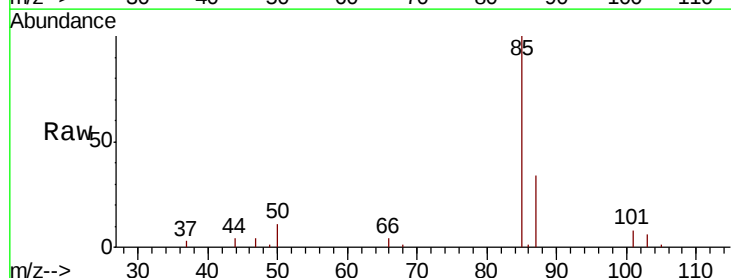
Acq: 23 Jun 2020 16:36

Tgt Ion: 85 Resp: 38068

Ion Ratio Lower Upper

85 100

87 34.3 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

1.83

30000

25000

20000

15000

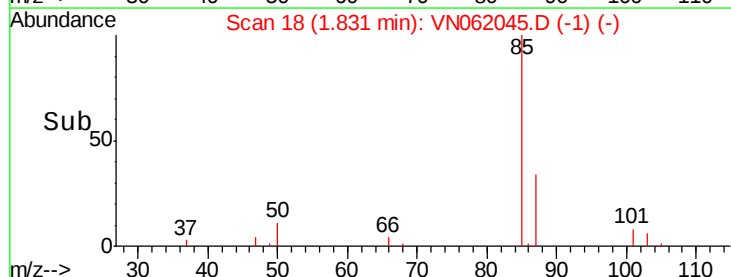
10000

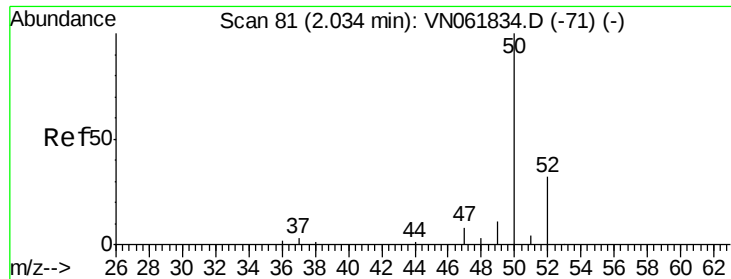
5000

0

1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 17.700 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN062045.D

Acq: 23 Jun 2020 16:36

Instrument :

MSVOA_N

ClientSampleId :

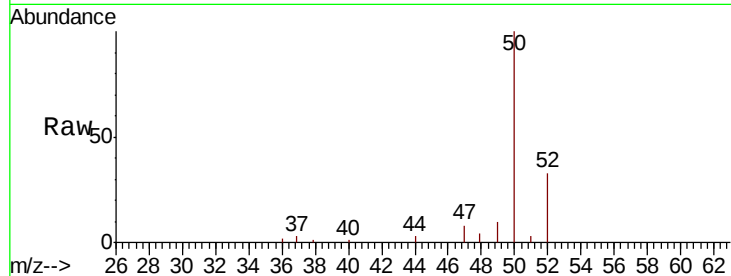
VN0623WBSD01

Tot Ion: 50 Resp: 38202

Ion Ratio Lower Upper

50 100

52 32.7 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.03

30000

25000

20000

15000

10000

5000

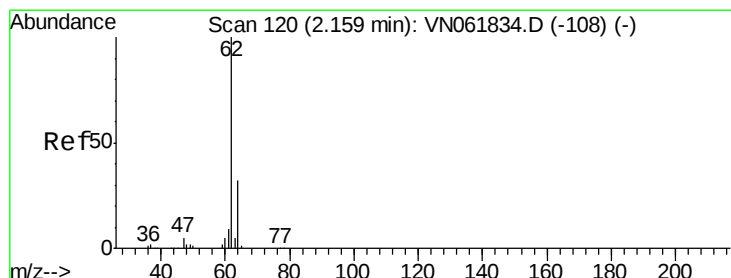
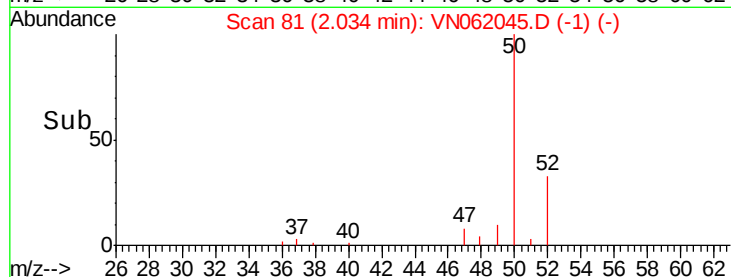
0

Time-->

2.00

2.05

2.10



#4

Vinyl Chloride

Concen: 18.156 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN062045.D

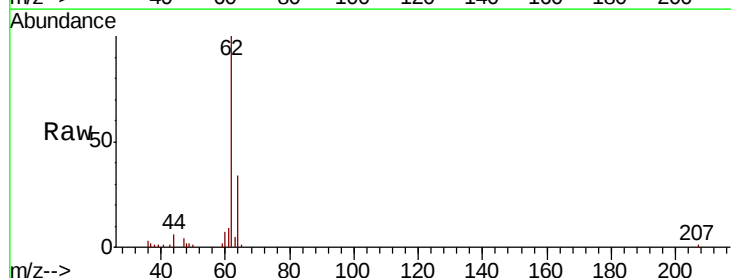
Acq: 23 Jun 2020 16:36

Tgt Ion: 62 Resp: 46713

Ion Ratio Lower Upper

62 100

64 33.7 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

2.16

30000

20000

10000

0

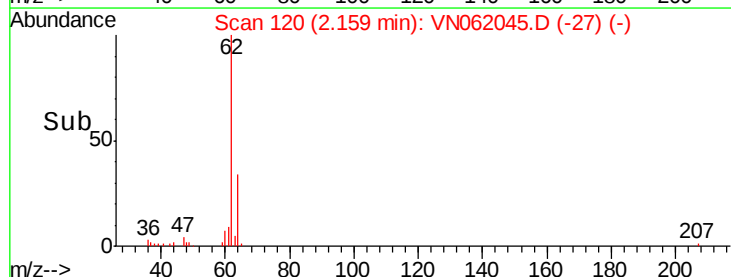
Time-->

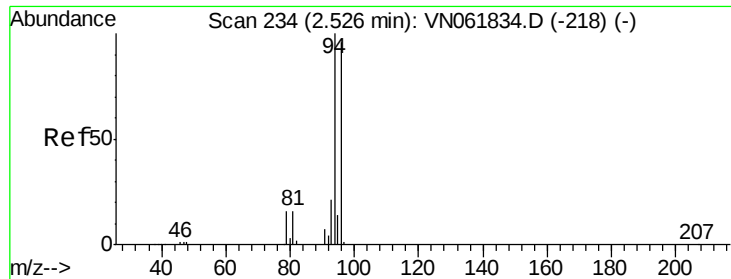
2.10

2.15

2.20

2.25





#5

Bromomethane

Concen: 15.740 ug/l

RT: 2.53 min Scan# 235

Delta R.T. 0.00 min

Lab File: VN062045.D

Acq: 23 Jun 2020 16:36

Instrument :

MSVOA_N

ClientSampleId :

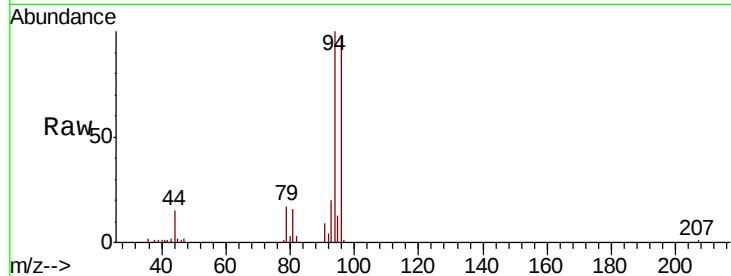
VN0623WBSD01

Tot Ion: 94 Resp: 31099

Ion Ratio Lower Upper

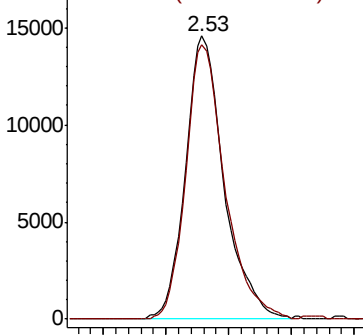
94 100

96 96.8 76.7 115.1

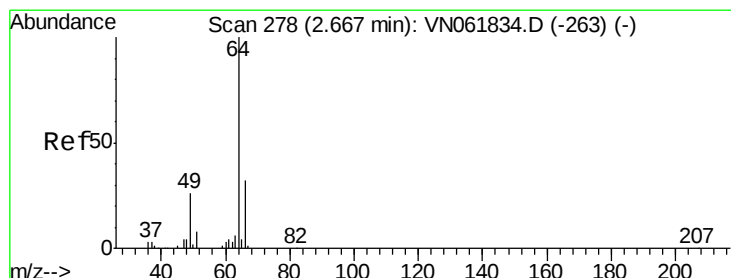
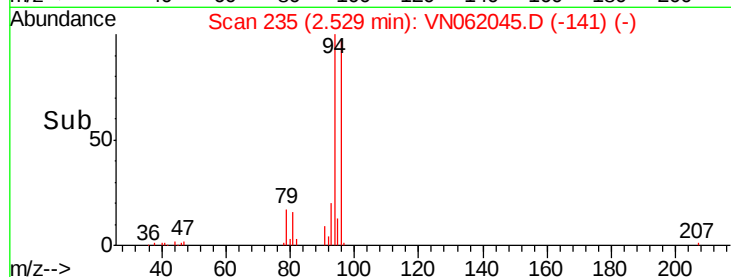


Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



Time-->



#6

Chloroethane

Concen: 19.040 ug/l

RT: 2.67 min Scan# 278

Delta R.T. -0.00 min

Lab File: VN062045.D

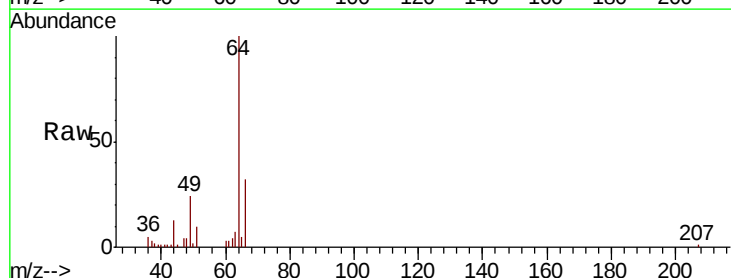
Acq: 23 Jun 2020 16:36

Tgt Ion: 64 Resp: 33155

Ion Ratio Lower Upper

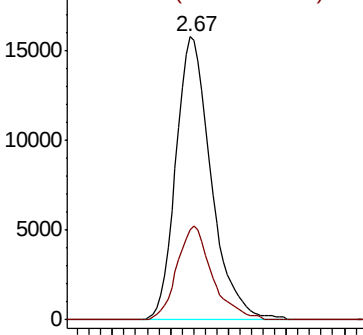
64 100

66 31.7 25.4 38.2

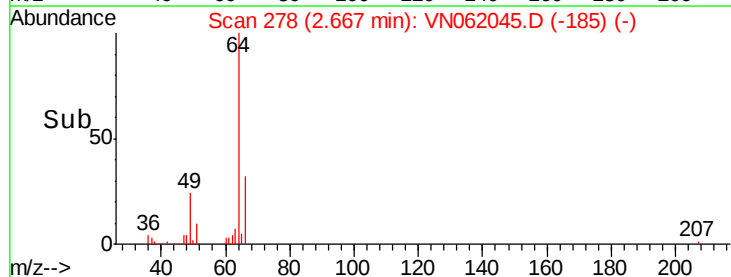


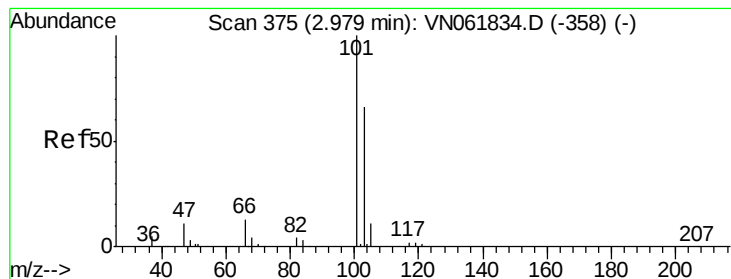
Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



Time-->



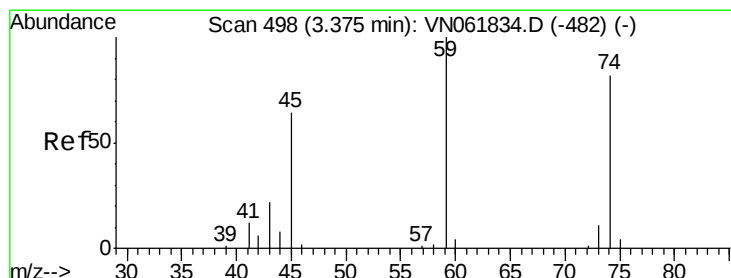
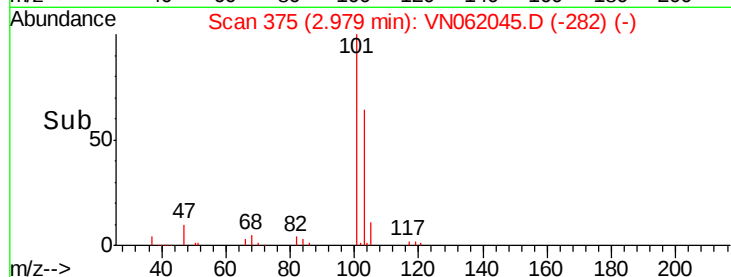
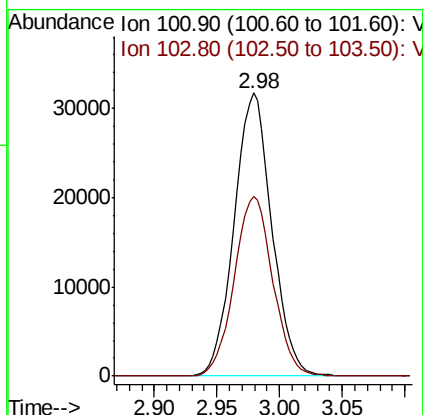
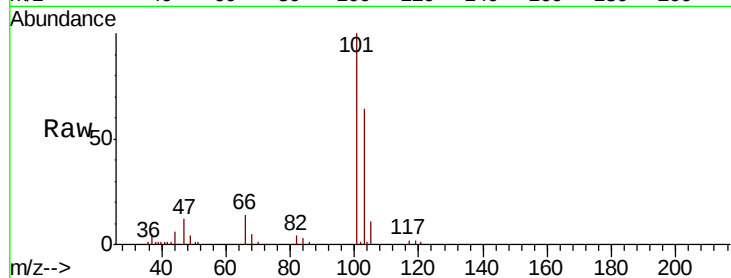


#7

Trichlorofluoromethane
 Concen: 21.567 ug/l
 RT: 2.98 min Scan# 375
 Delta R.T. -0.00 min
 Lab File: VN062045.D
 Acq: 23 Jun 2020 16:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0623WBSD01

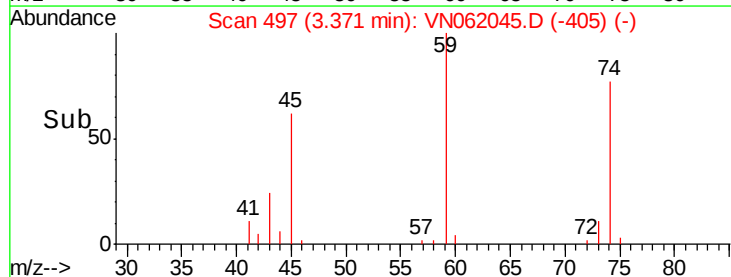
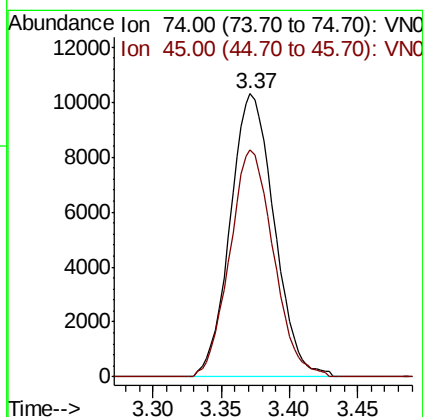
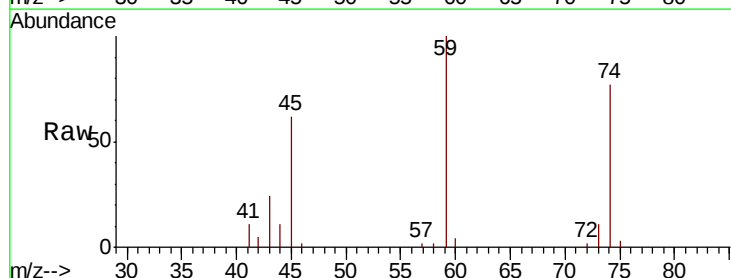
Tot Ion:101 Resp: 66283
 Ion Ratio Lower Upper
 101 100
 103 63.6 52.8 79.2

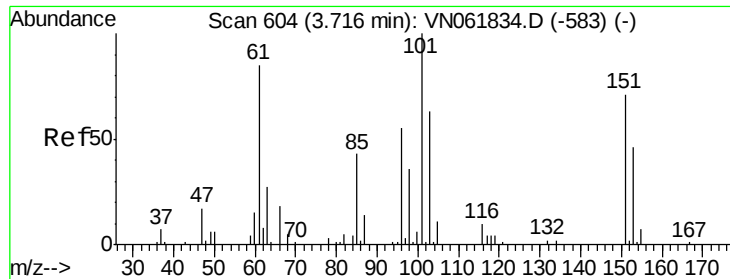


#8

Diethyl Ether
 Concen: 22.354 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: VN062045.D
 Acq: 23 Jun 2020 16:36

Tgt Ion: 74 Resp: 23096
 Ion Ratio Lower Upper
 74 100
 45 79.8 39.1 117.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.041 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.00 min

Lab File: VN062045.D

Acq: 23 Jun 2020 16:36

Instrument :

MSVOA_N

ClientSampleId :

VN0623WBSD01

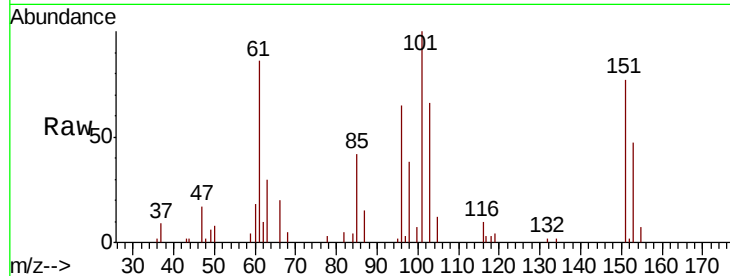
Tot Ion:101 Resp: 33175

Ion Ratio Lower Upper

101 100

85 42.9 35.0 52.6

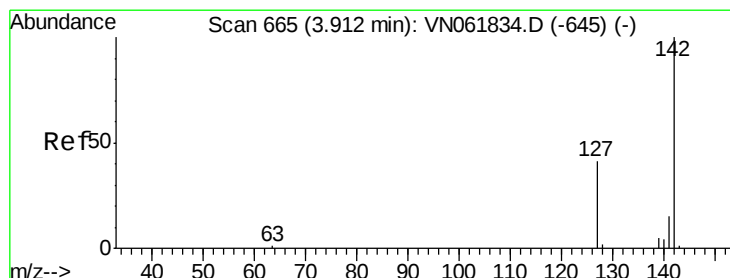
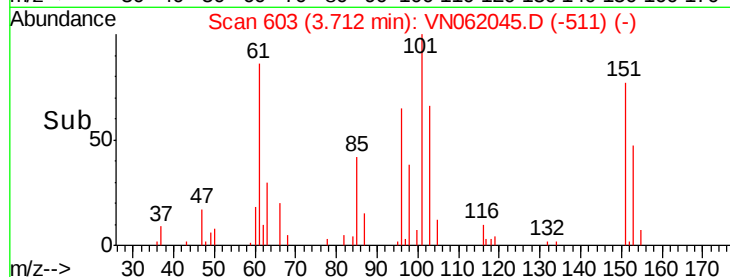
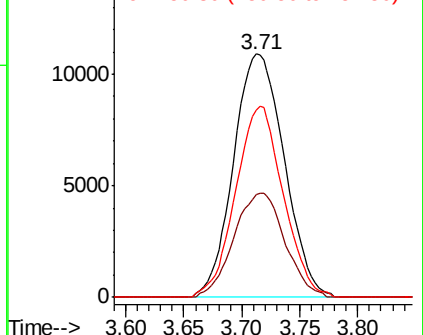
151 73.7 59.2 88.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.143 ug/l

RT: 3.90 min Scan# 663

Delta R.T. -0.01 min

Lab File: VN062045.D

Acq: 23 Jun 2020 16:36

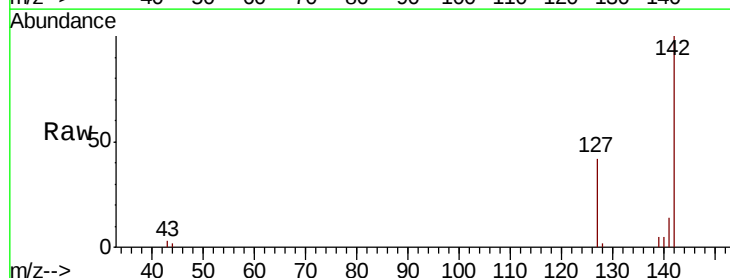
Tgt Ion:142 Resp: 31567

Ion Ratio Lower Upper

142 100

127 43.2 33.4 50.0

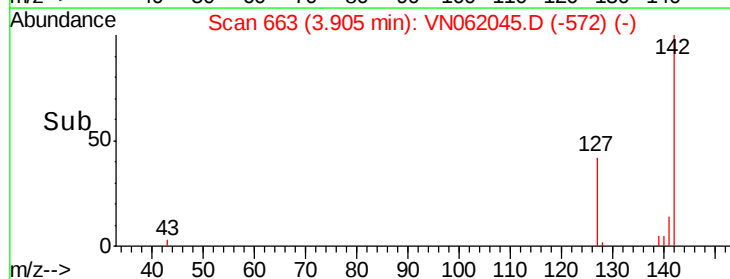
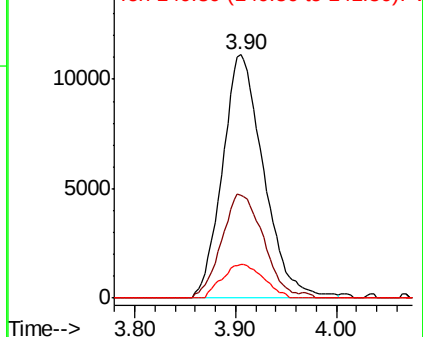
141 13.9 11.3 16.9

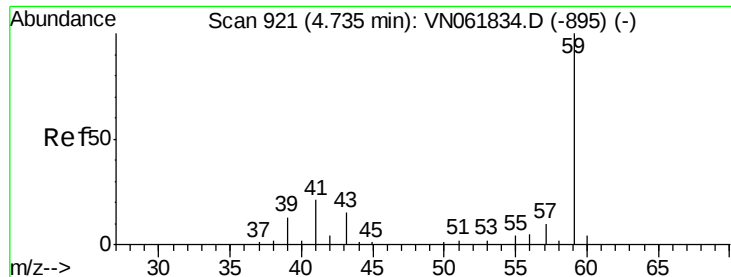


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



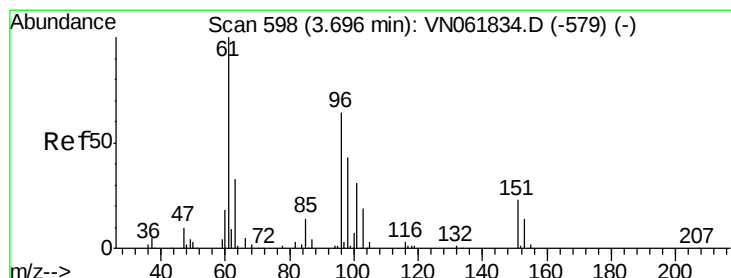
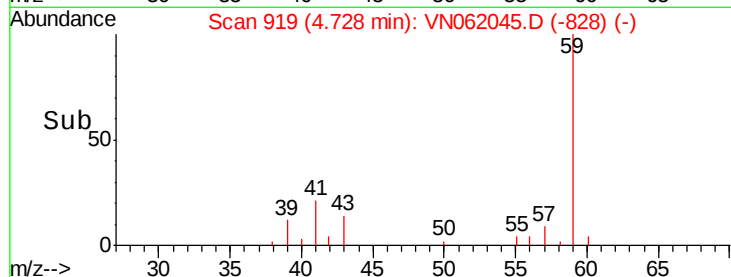
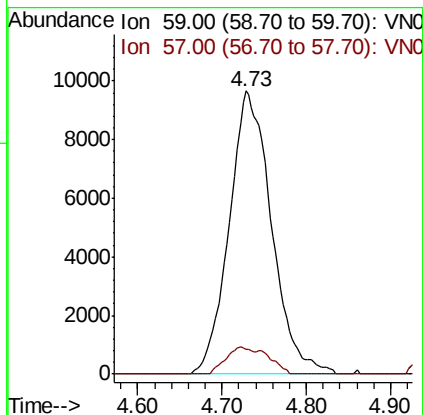
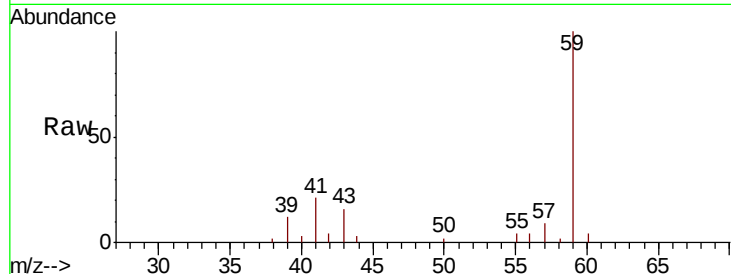


#11

Tert butyl alcohol
 Concen: 116.482 ug/l
 RT: 4.73 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VN062045.D
 Acq: 23 Jun 2020 16:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0623WBSD01

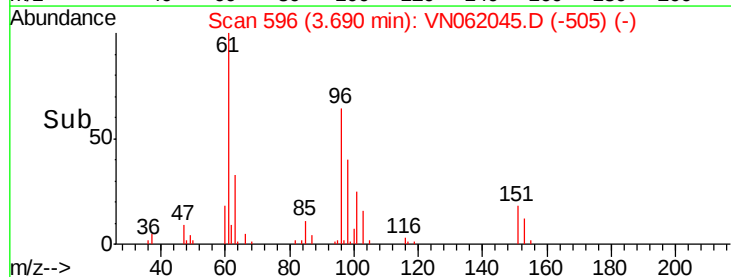
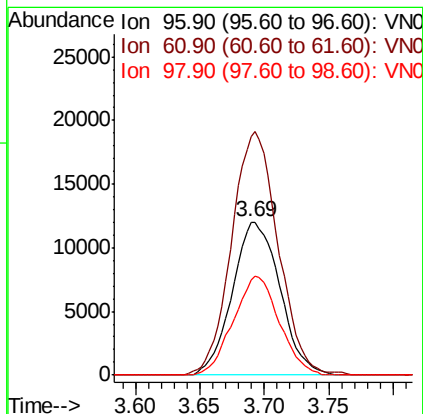
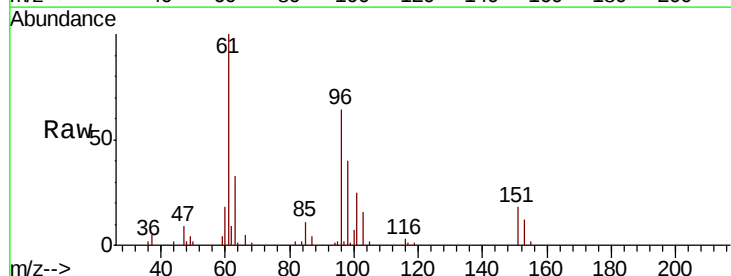
Tot Ion: 59 Resp: 33613
 Ion Ratio Lower Upper
 59 100
 57 5.9 7.7 11.5#

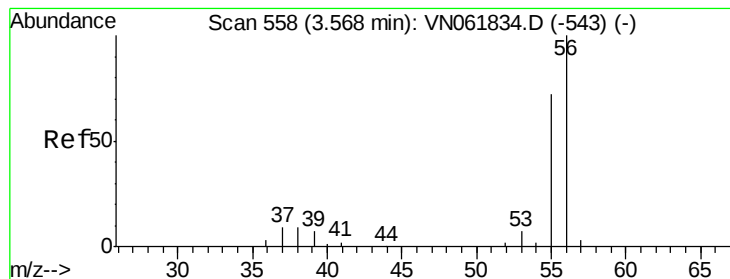


#12

1,1-Dichloroethene
 Concen: 19.558 ug/l
 RT: 3.69 min Scan# 596
 Delta R.T. -0.01 min
 Lab File: VN062045.D
 Acq: 23 Jun 2020 16:36

Tgt Ion: 96 Resp: 30898
 Ion Ratio Lower Upper
 96 100
 61 154.7 124.3 186.5
 98 62.0 53.1 79.7





#13

Acrolein

Concen: 64.017 ug/l

RT: 3.57 min Scan# 558

Delta R.T. -0.00 min

Lab File: VN062045.D

Acq: 23 Jun 2020 16:36

Instrument :

MSVOA_N

ClientSampleId :

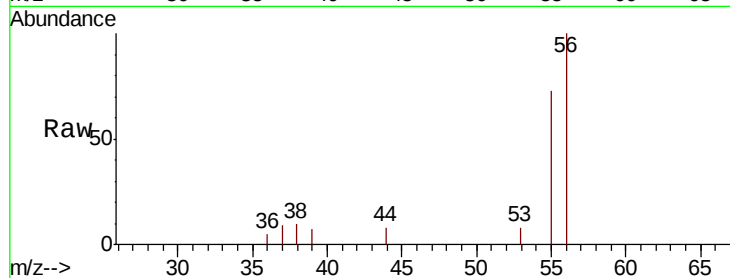
VN0623WBSD01

Tot Ion: 56 Resp: 11041

Ion Ratio Lower Upper

56 100

55 69.8 56.2 84.4



Abundance Ion 56.00 (55.70 to 56.70): VN061834.D (-543) (-)

Ion 55.00 (54.70 to 55.70): VN061834.D (-543) (-)

3.57

4000

3000

2000

1000

0

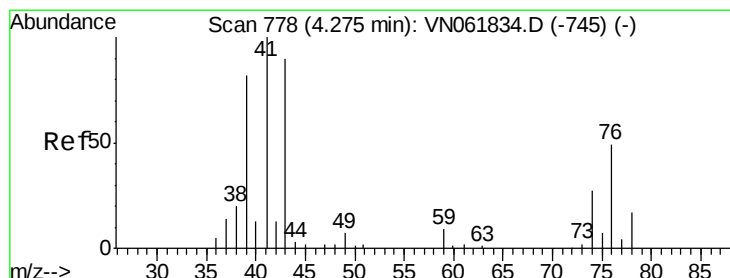
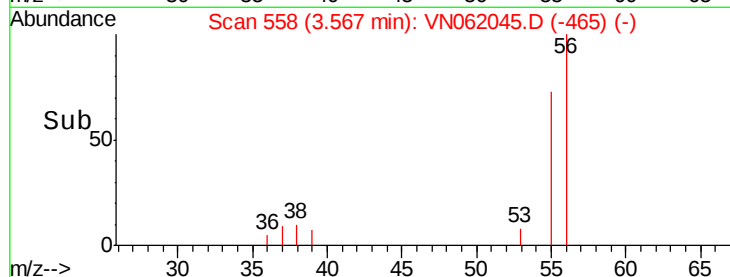
Time-->

3.50

3.55

3.60

3.65



#14

Allyl chloride

Concen: 21.414 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN062045.D

Acq: 23 Jun 2020 16:36

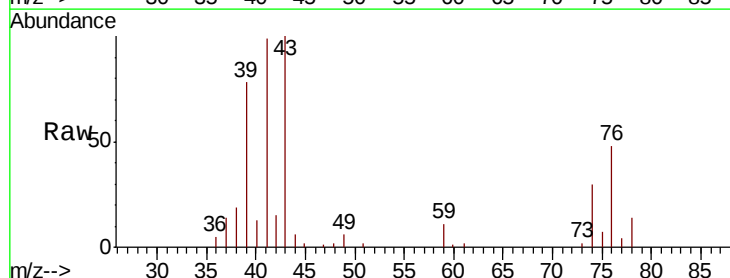
Tgt Ion: 41 Resp: 44900

Ion Ratio Lower Upper

41 100

39 75.4 60.2 90.2

76 42.8 36.3 54.5



Abundance Ion 41.00 (40.70 to 41.70): VN061834.D (-745) (-)

Ion 39.00 (38.70 to 39.70): VN061834.D (-745) (-)

Ion 75.90 (75.60 to 76.60): VN061834.D (-745) (-)

4.27

15000

10000

5000

0

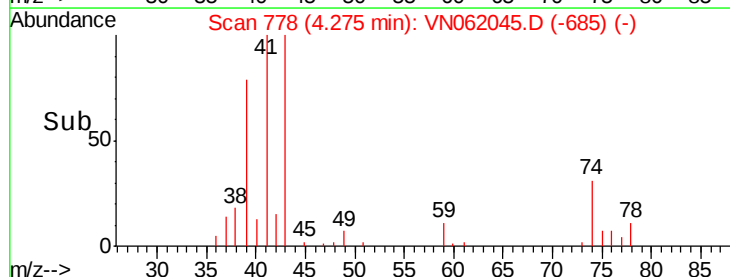
Time-->

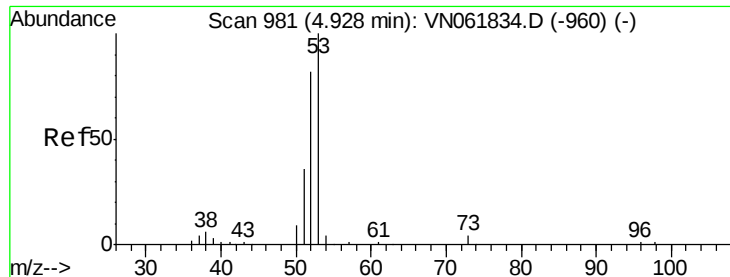
4.10

4.20

4.30

4.40





#15

Acrylonitrile

Concen: 118.800 ug/l

RT: 4.93 min Scan# 981

Delta R.T. -0.00 min

Lab File: VN062045.D

Acq: 23 Jun 2020 16:36

Instrument :

MSVOA_N

ClientSampleId :

VN0623WBSD01

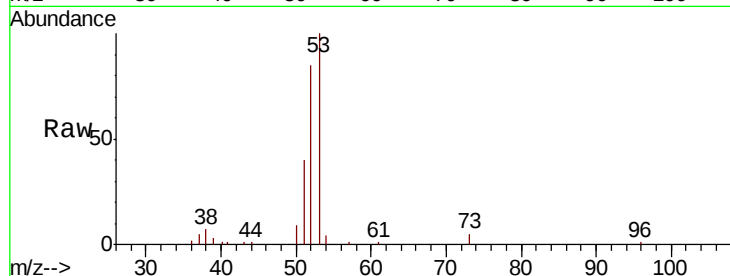
Tot Ion: 53 Resp: 84945

Ion Ratio Lower Upper

53 100

52 84.1 65.2 97.8

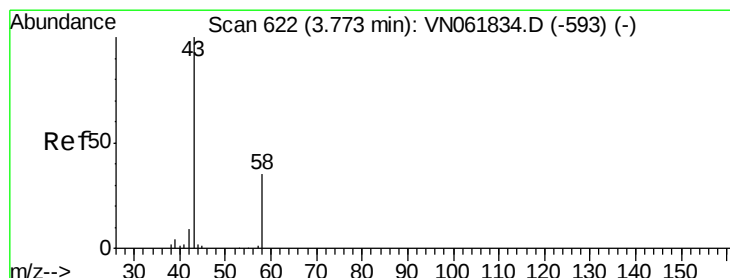
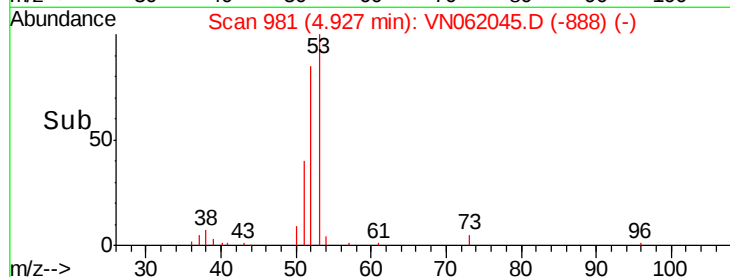
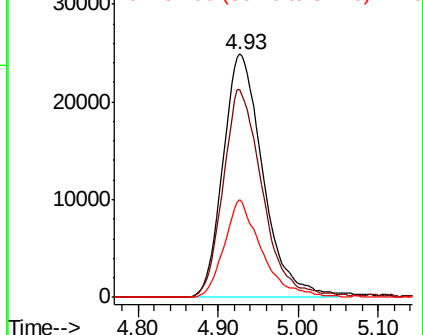
51 37.5 29.3 43.9



Abundance Ion 53.00 (52.70 to 53.70): VN061834.D (-960) (-)

Ion 52.00 (51.70 to 52.70): VN061834.D (-960) (-)

Ion 51.00 (50.70 to 51.70): VN061834.D (-960) (-)



#16

Acetone

Concen: 113.229 ug/l

RT: 3.77 min Scan# 622

Delta R.T. -0.00 min

Lab File: VN062045.D

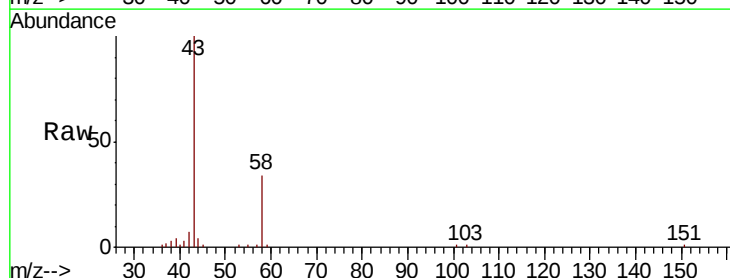
Acq: 23 Jun 2020 16:36

Tgt Ion: 43 Resp: 69746

Ion Ratio Lower Upper

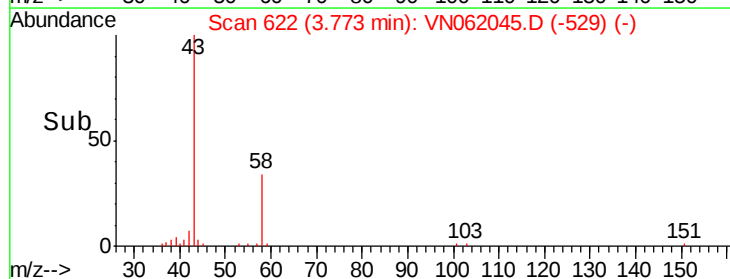
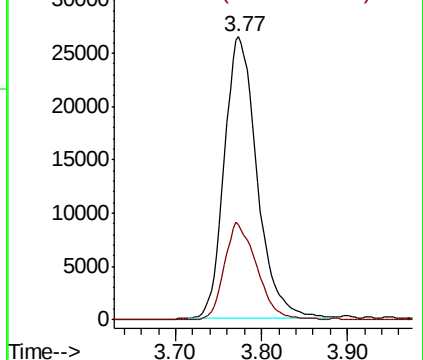
43 100

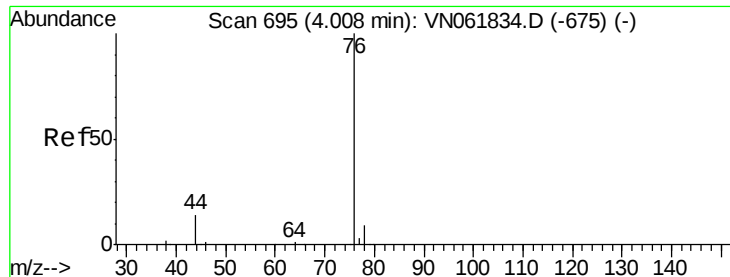
58 33.9 27.8 41.8



Abundance Ion 43.00 (42.70 to 43.70): VN061834.D (-593) (-)

Ion 58.00 (57.70 to 58.70): VN061834.D (-593) (-)

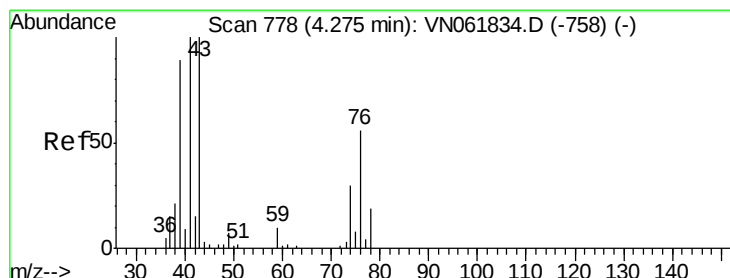
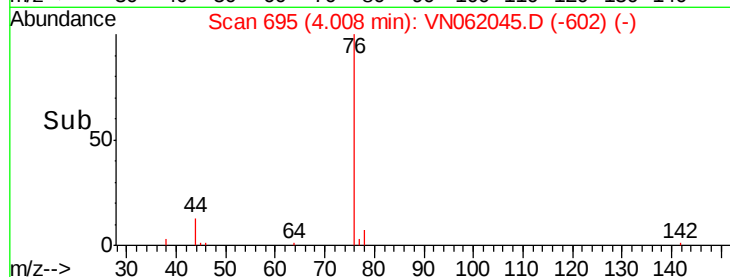
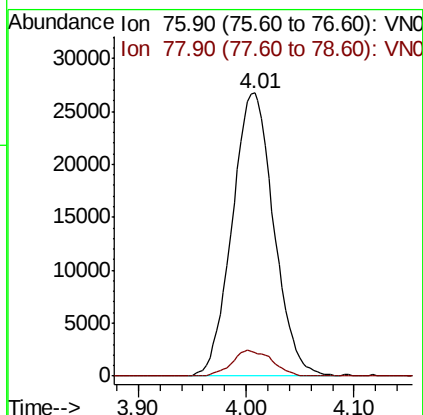
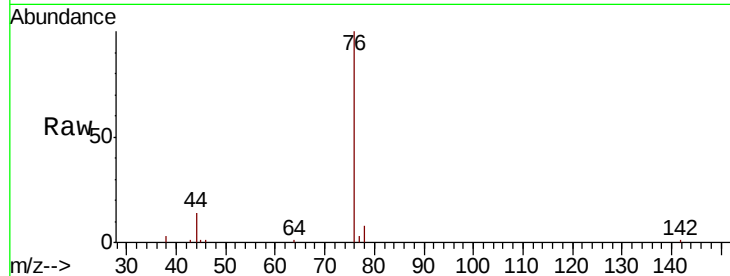




#17
Carbon Disulfide
Concen: 15.510 ug/l
RT: 4.01 min Scan# 695
Delta R.T. -0.00 min
Lab File: VN062045.D
Acq: 23 Jun 2020 16:36

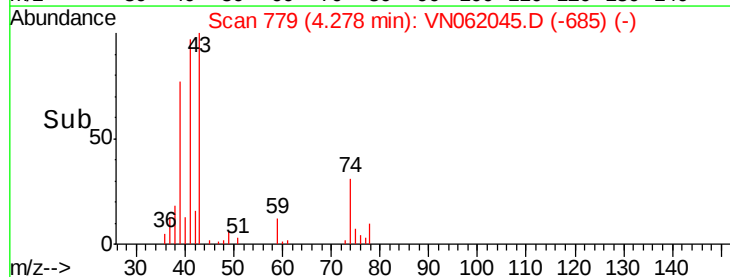
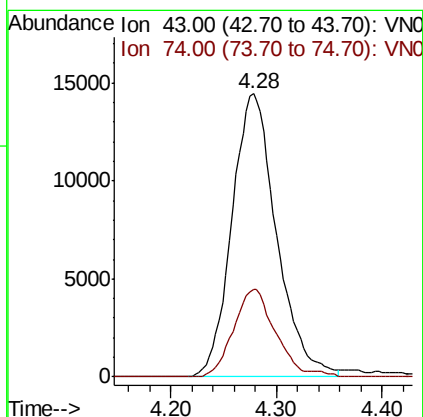
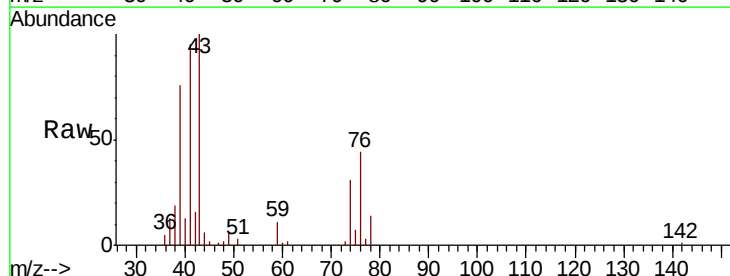
Instrument :
MSVOA_N
ClientSampleId :
VN0623WBSD01

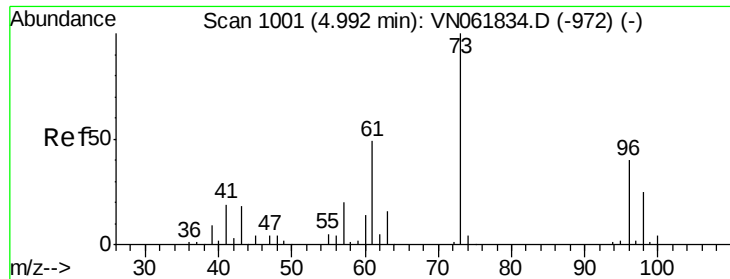
Tot Ion: 76 Resp: 71695
Ion Ratio Lower Upper
76 100
78 8.1 7.3 10.9



#18
Methyl Acetate
Concen: 23.944 ug/l
RT: 4.28 min Scan# 779
Delta R.T. 0.00 min
Lab File: VN062045.D
Acq: 23 Jun 2020 16:36

Tgt Ion: 43 Resp: 42462
Ion Ratio Lower Upper
43 100
74 28.4 23.0 34.4

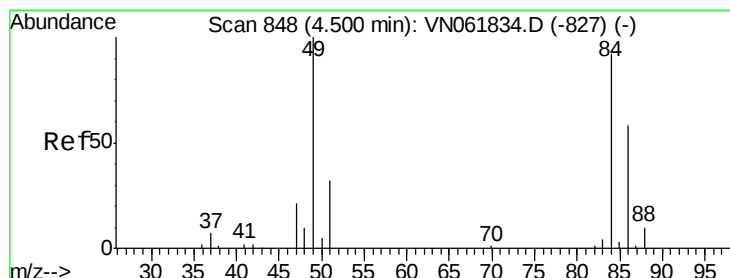
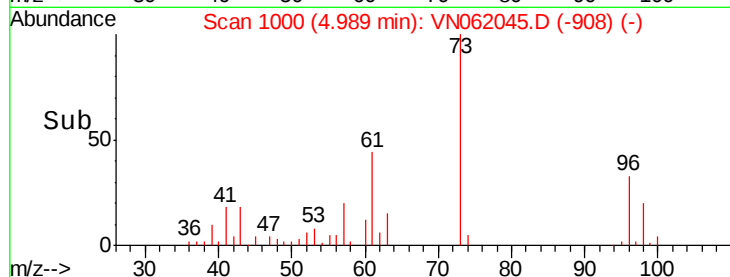
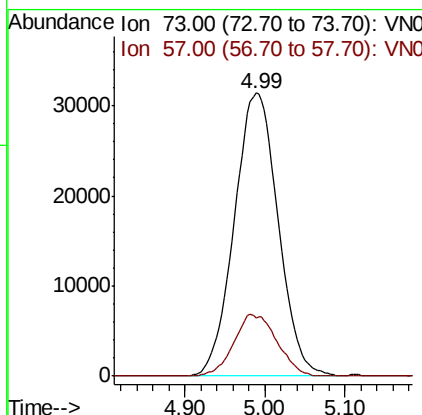
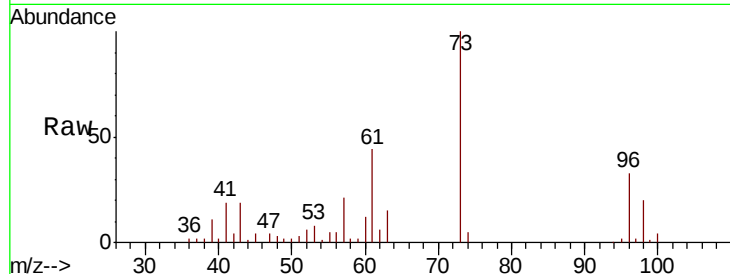




#19
Methvl tert-butvl Ether
Concen: 22.252 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VN062045.D
Acq: 23 Jun 2020 16:36

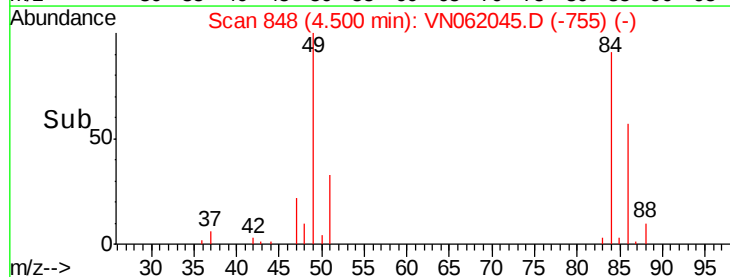
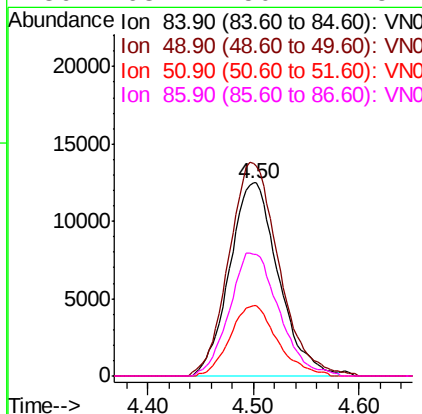
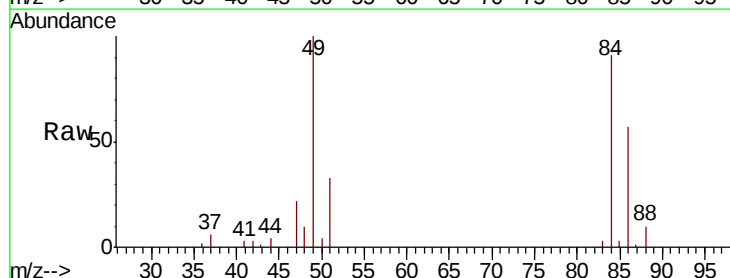
Instrument :
MSVOA_N
ClientSampleId :
VN0623WBSD01

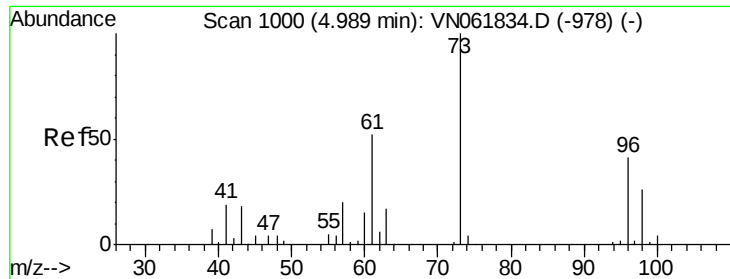
Tot Ion: 73 Resp: 117049
Ion Ratio Lower Upper
73 100
57 20.7 16.2 24.4



#20
Methylene Chloride
Concen: 20.081 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN062045.D
Acq: 23 Jun 2020 16:36

Tgt Ion: 84 Resp: 40299
Ion Ratio Lower Upper
84 100
49 110.1 87.0 130.4
51 36.8 27.8 41.6
86 63.2 50.2 75.2

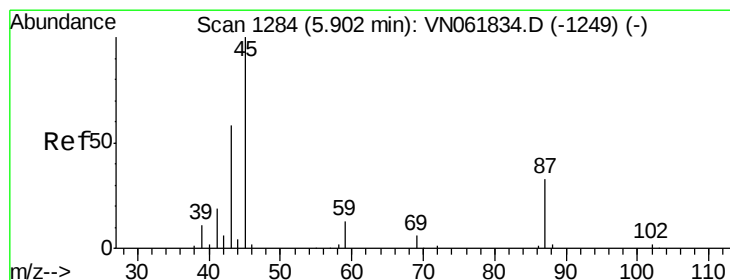
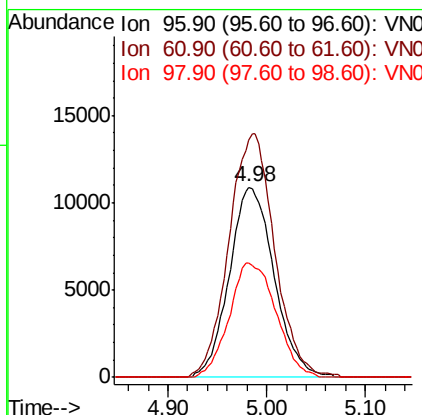
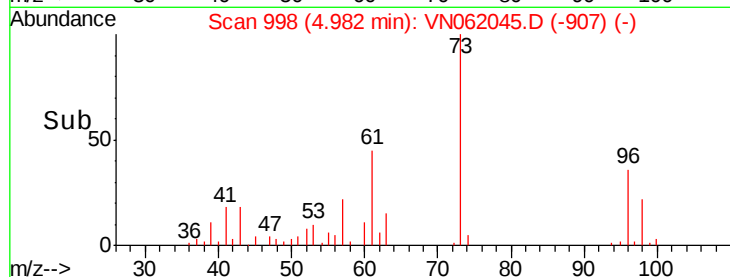
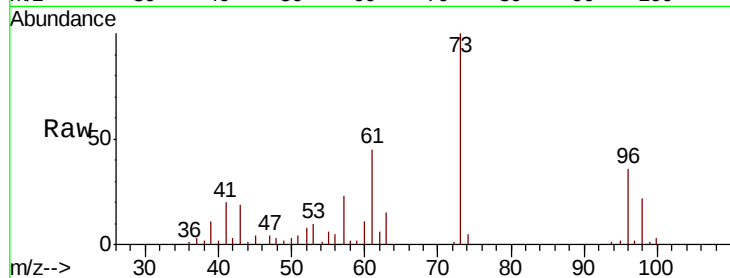




#21
trans-1,2-Dichloroethene
Concen: 18.943 ug/l
RT: 4.98 min Scan# 998
Delta R.T. -0.01 min
Lab File: VN062045.D
Acq: 23 Jun 2020 16:36

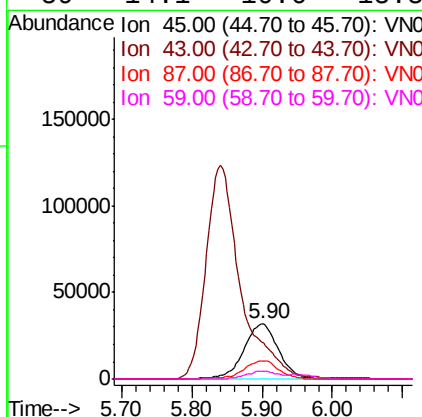
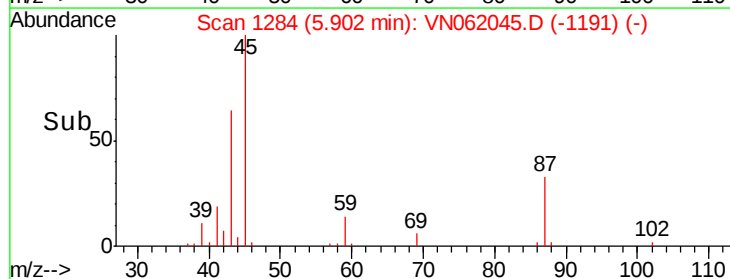
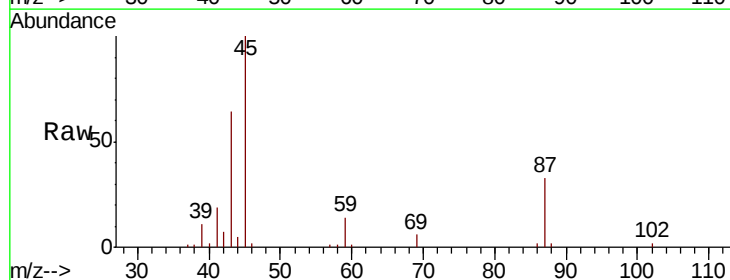
Instrument :
MSVOA_N
ClientSampled :
VN0623WBSD01

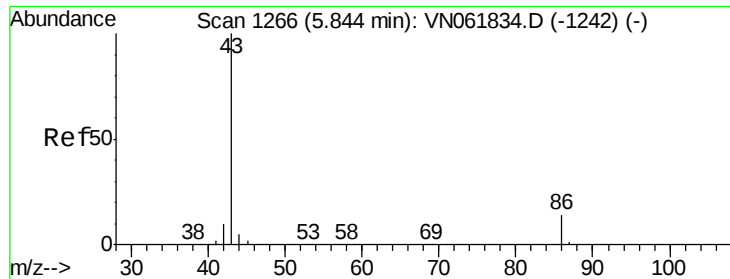
Tot Ion: 96 Resp: 34375
Ion Ratio Lower Upper
96 100
61 124.5 102.2 153.4
98 60.3 51.2 76.8



#22
Diisopropyl ether
Concen: 22.690 ug/l
RT: 5.90 min Scan# 1284
Delta R.T. -0.00 min
Lab File: VN062045.D
Acq: 23 Jun 2020 16:36

Tgt Ion: 45 Resp: 108808
Ion Ratio Lower Upper
45 100
43 61.7 49.4 74.2
87 33.2 27.4 41.0
59 14.1 10.6 15.8





#23

Vinyl Acetate

Concen: 112.183 ug/l

RT: 5.84 min Scan# 1265

Delta R.T. -0.00 min

Lab File: VN062045.D

Acq: 23 Jun 2020 16:36

Instrument :

MSVOA_N

ClientSampled :

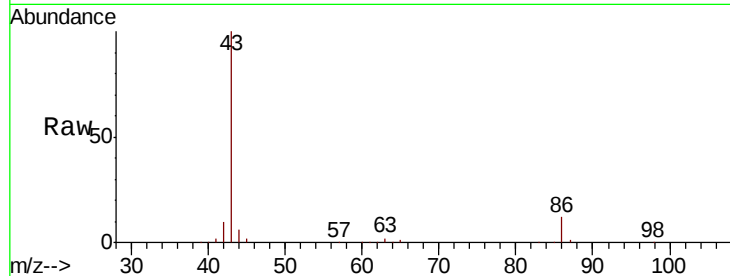
VN0623WBSD01

Tot Ion: 43 Resp: 423117

Ion Ratio Lower Upper

43 100

86 12.4 10.9 16.3



Abundance Ion 43.00 (42.70 to 43.70): VN061834.D (-1242) (-)

Ion 86.00 (85.70 to 86.70): VN061834.D (-1242) (-)

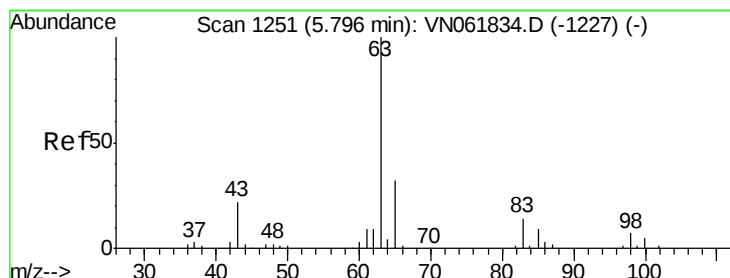
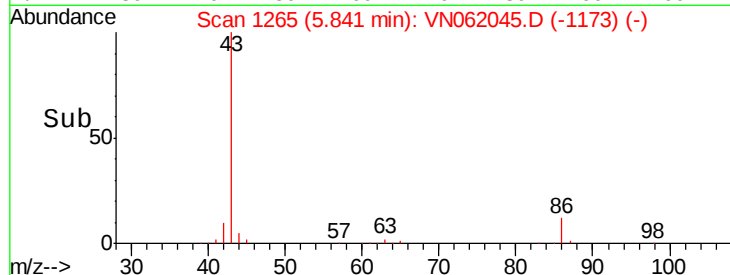
5.84

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 21.484 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN062045.D

Acq: 23 Jun 2020 16:36

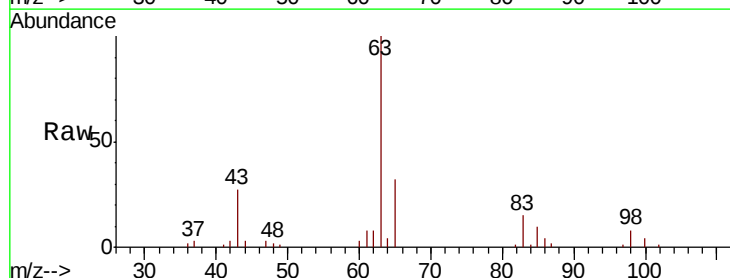
Tgt Ion: 63 Resp: 67441

Ion Ratio Lower Upper

63 100

98 8.4 3.5 10.4

100 4.0 2.5 7.4



Abundance Ion 62.90 (62.60 to 63.60): VN061834.D (-1227) (-)

Ion 97.90 (97.60 to 98.60): VN061834.D (-1227) (-)

Ion 99.90 (99.60 to 100.60): VN061834.D (-1227) (-)

5.80

25000

20000

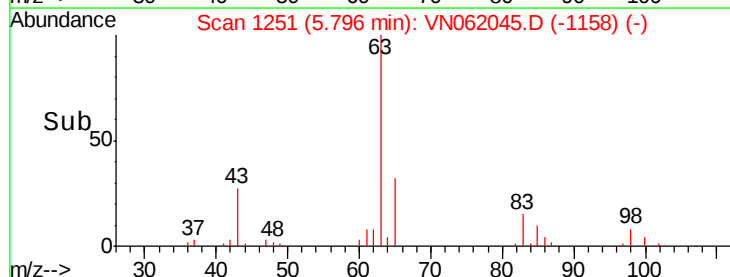
15000

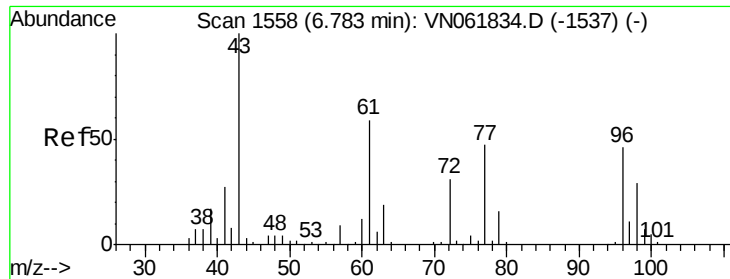
10000

5000

0

Time-->





#25

2-Butanone

Concen: 117.929 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. -0.00 min

Lab File: VN062045.D

Acq: 23 Jun 2020 16:36

Instrument :

MSVOA_N

ClientSampleId :

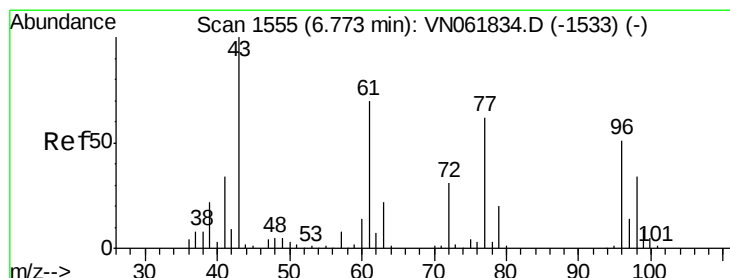
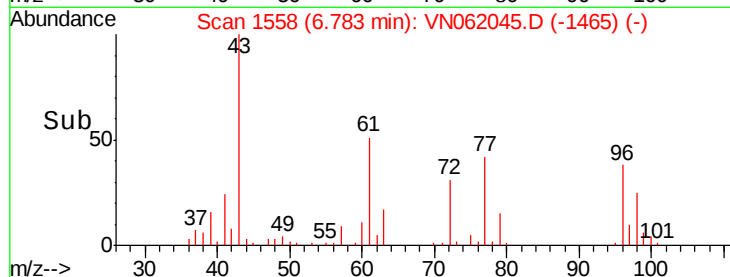
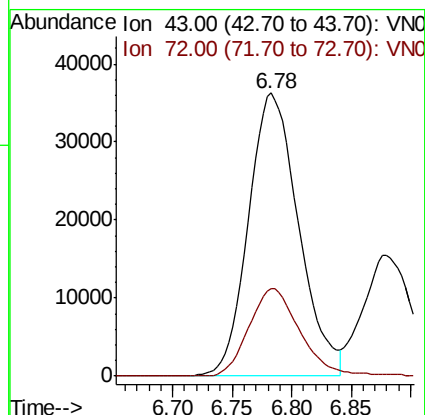
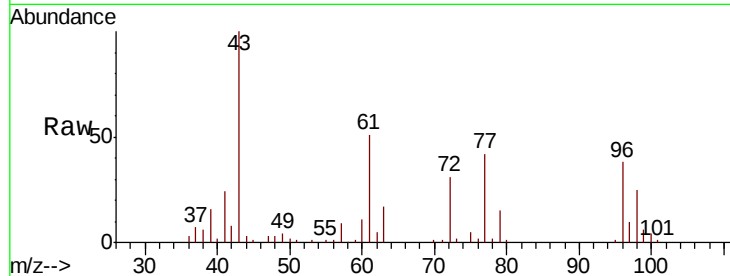
VN0623WBSD01

Tot Ion: 43 Resp: 105983

Ion Ratio Lower Upper

43 100

72 31.1 24.6 37.0



#26

2,2-Dichloropropane

Concen: 21.223 ug/l

RT: 6.77 min Scan# 1555

Delta R.T. -0.00 min

Lab File: VN062045.D

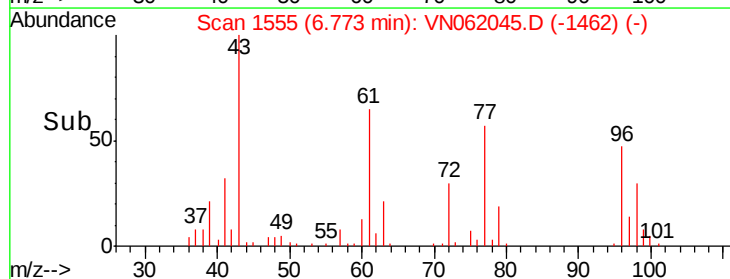
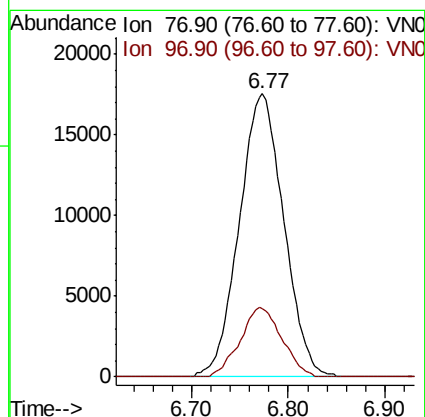
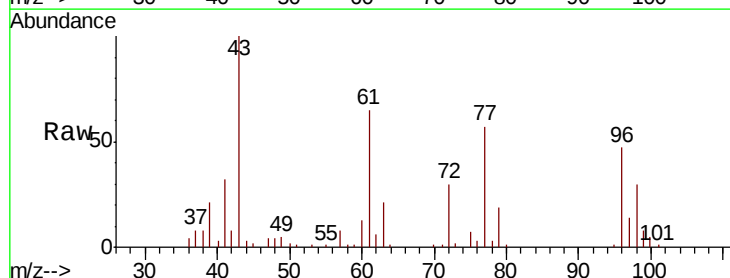
Acq: 23 Jun 2020 16:36

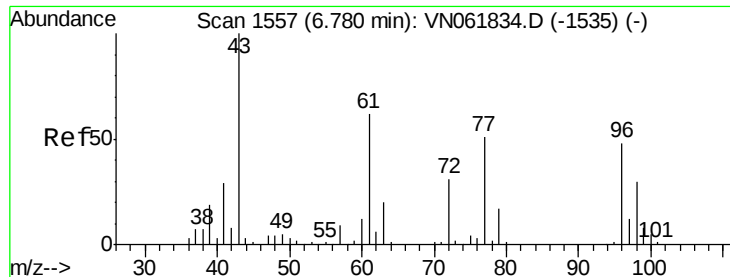
Tgt Ion: 77 Resp: 56051

Ion Ratio Lower Upper

77 100

97 23.0 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 20.469 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. -0.00 min

Lab File: VN062045.D

Acq: 23 Jun 2020 16:36

Instrument :

MSVOA_N

ClientSampleId :

VN0623WBSD01

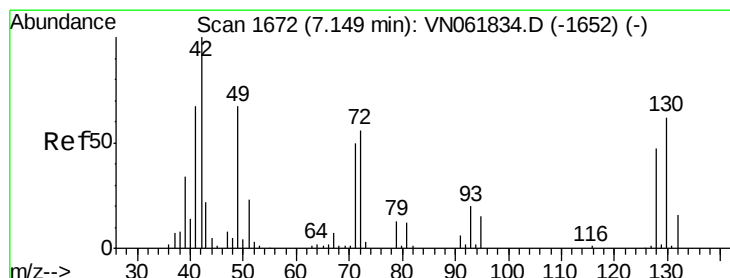
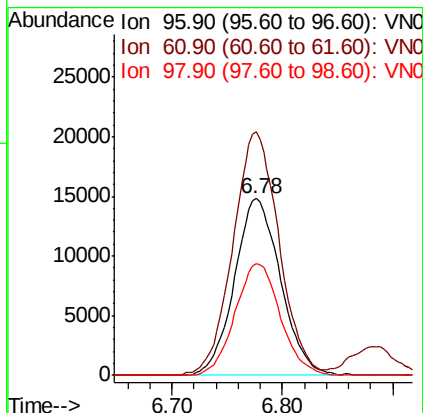
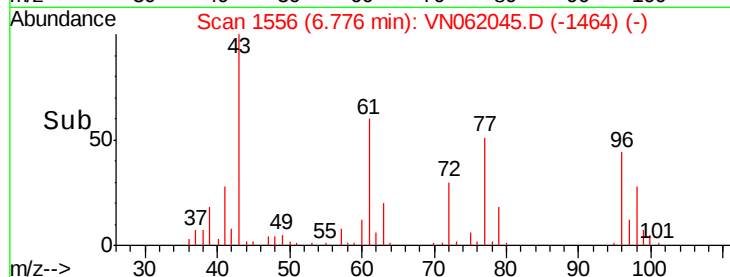
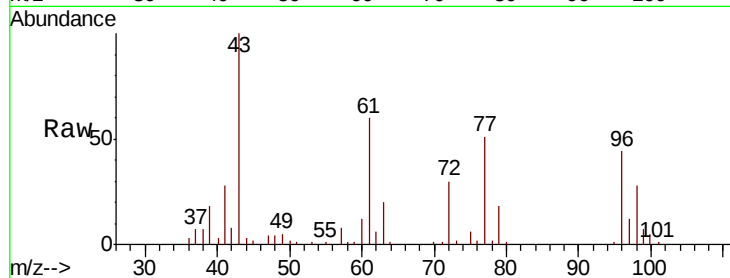
Tot Ion: 96 Resp: 42859

Ion Ratio Lower Upper

96 100

61 137.5 0.0 265.6

98 61.9 0.0 128.2



#28

Bromochloromethane

Concen: 20.337 ug/l

RT: 7.15 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VN062045.D

Acq: 23 Jun 2020 16:36

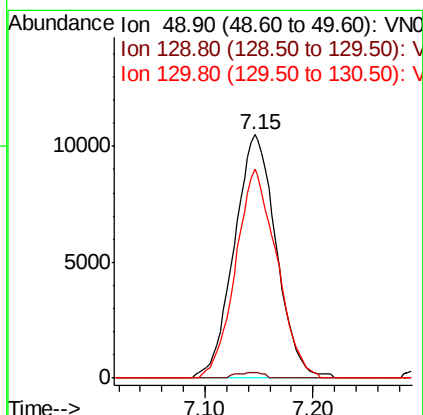
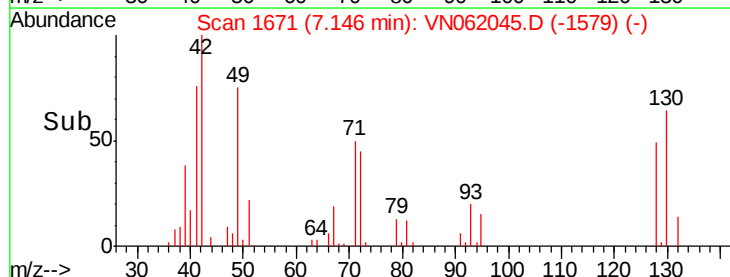
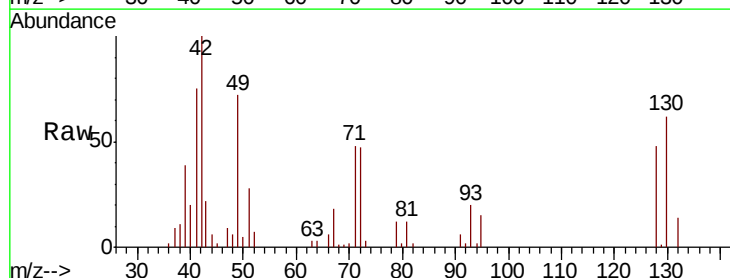
Tgt Ion: 49 Resp: 28426

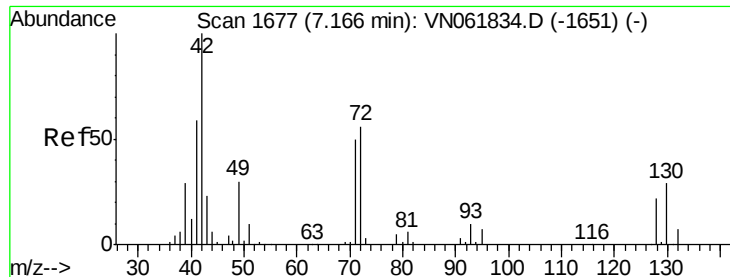
Ion Ratio Lower Upper

49 100

129 1.4 0.0 4.0

130 84.3 72.2 108.2

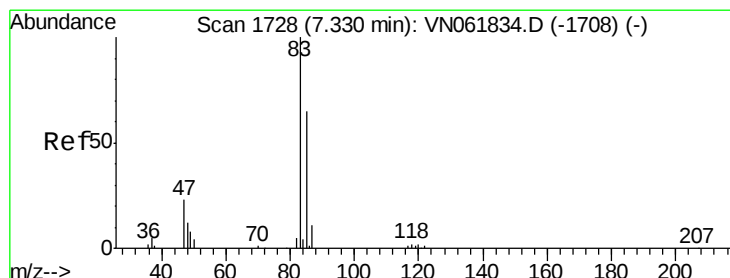
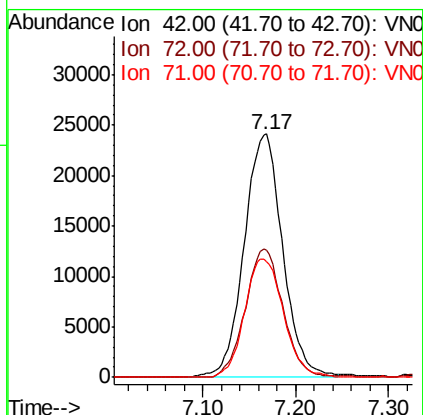
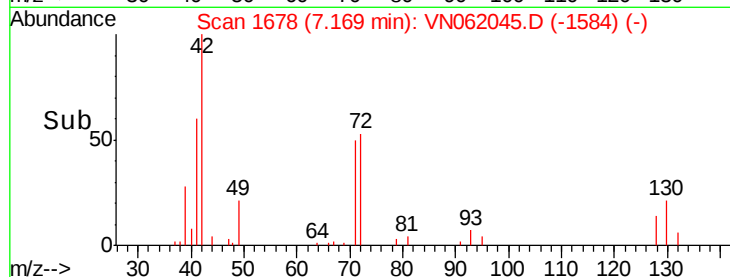
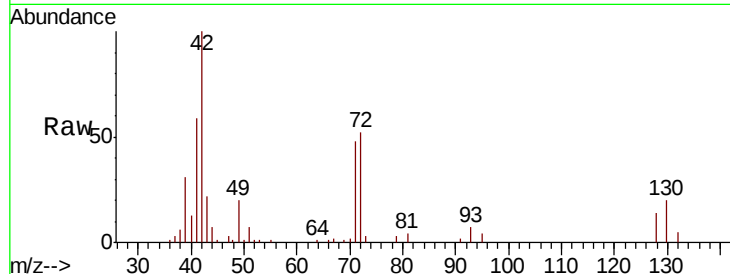




#29
Tetrahydrofuran
Concen: 117.595 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. 0.00 min
Lab File: VN062045.D
Acq: 23 Jun 2020 16:36

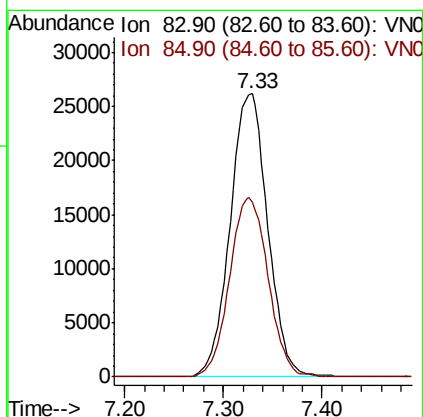
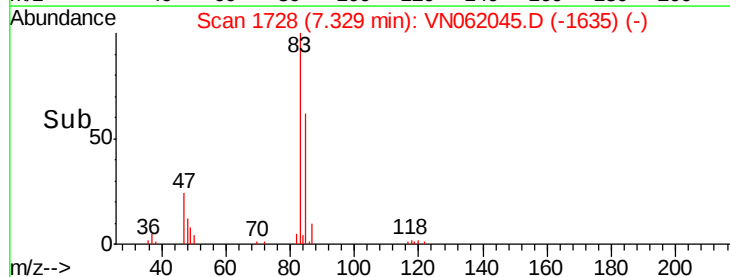
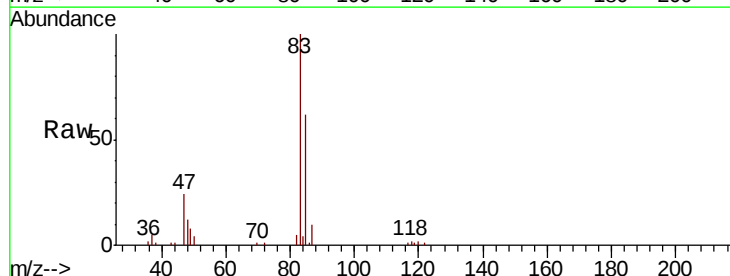
Instrument :
MSVOA_N
ClientSampleId :
VN0623WBSD01

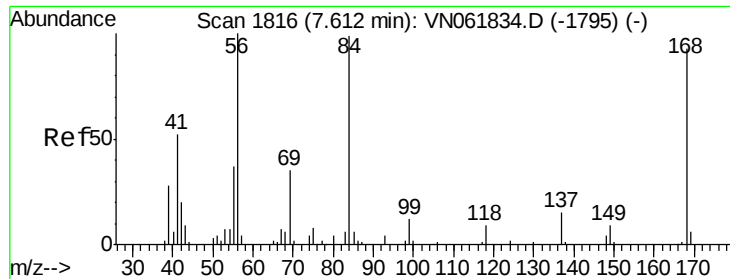
Tot Ion	Ratio	Lower	Upper
42	100		
72	51.2	44.0	66.0
71	49.1	40.0	60.0



#30
Chloroform
Concen: 20.669 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. -0.00 min
Lab File: VN062045.D
Acq: 23 Jun 2020 16:36

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.9	52.0	78.0

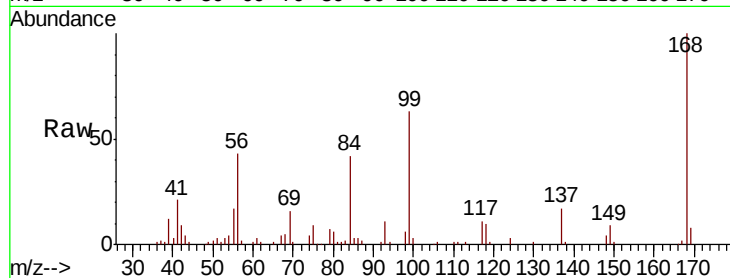




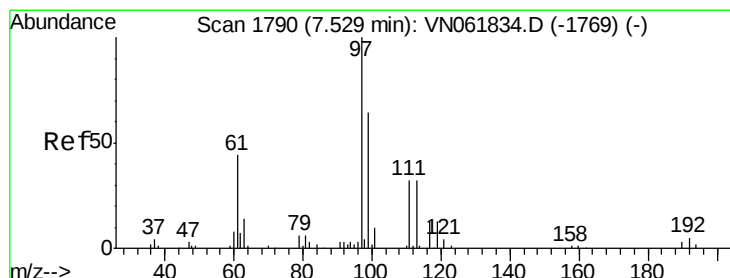
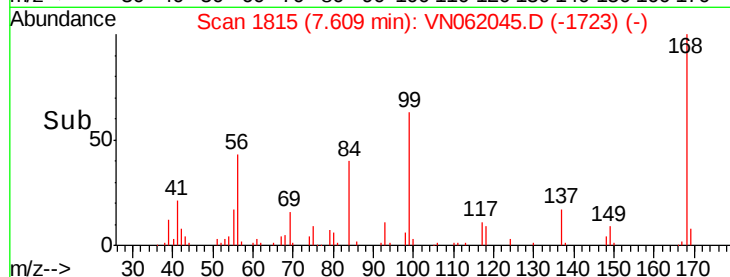
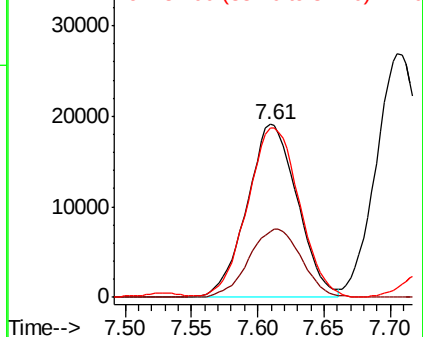
#31
Cyclohexane
Concen: 18.467 ug/l
RT: 7.61 min Scan# 1815
Delta R.T. -0.00 min
Lab File: VN062045.D
Acq: 23 Jun 2020 16:36

Instrument :
MSVOA_N
ClientSampled :
VN0623WBSD01

Tot Ion: 56 Resp: 50748
Ion Ratio Lower Upper
56 100
69 37.8 27.7 41.5
84 96.4 79.1 118.7

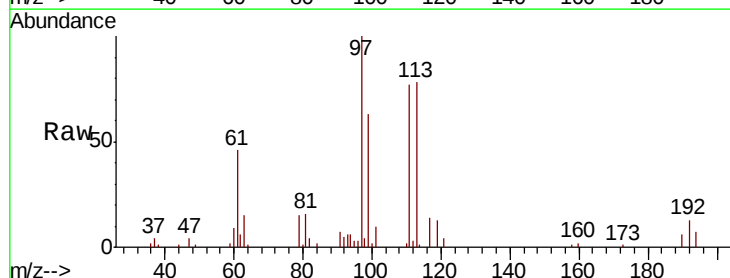


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

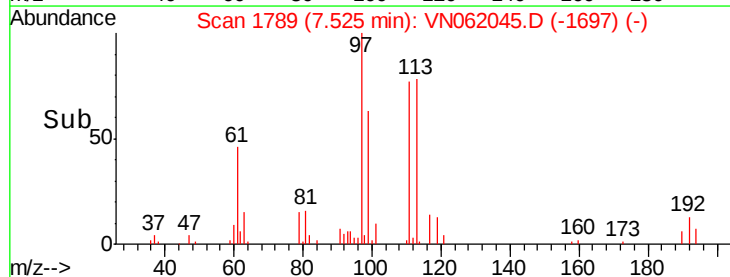
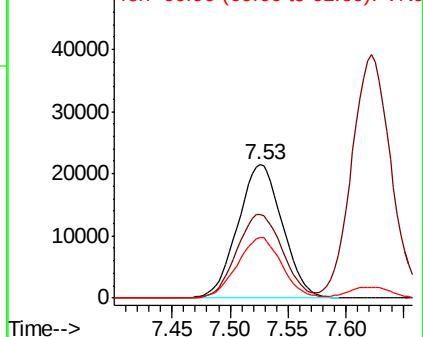


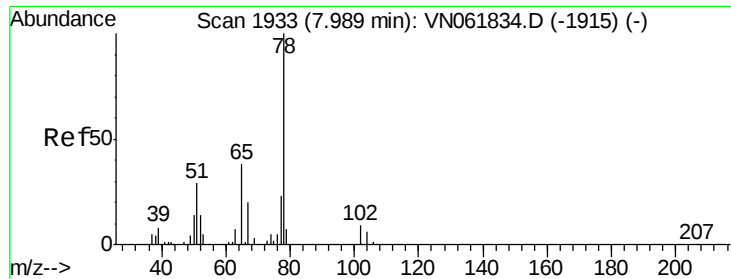
#32
1,1,1-Trichloroethane
Concen: 20.122 ug/l
RT: 7.53 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VN062045.D
Acq: 23 Jun 2020 16:36

Tgt Ion: 97 Resp: 57494
Ion Ratio Lower Upper
97 100
99 64.5 51.5 77.3
61 45.2 35.1 52.7



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0

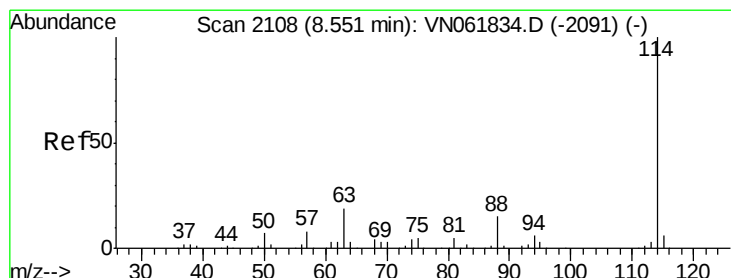
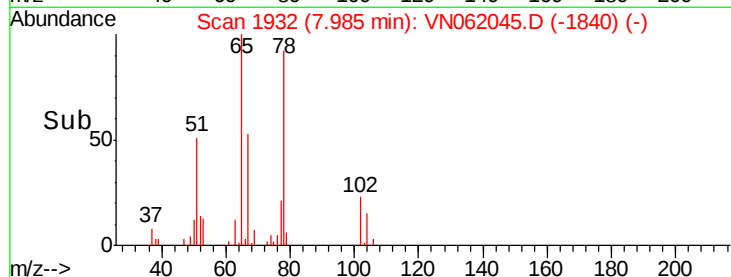
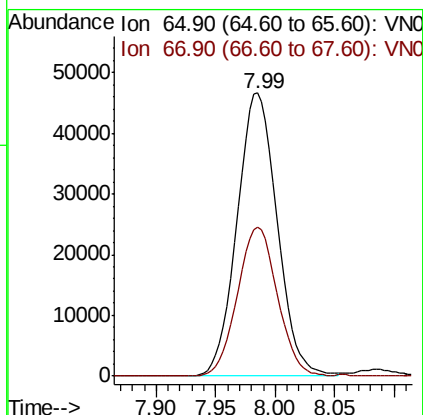
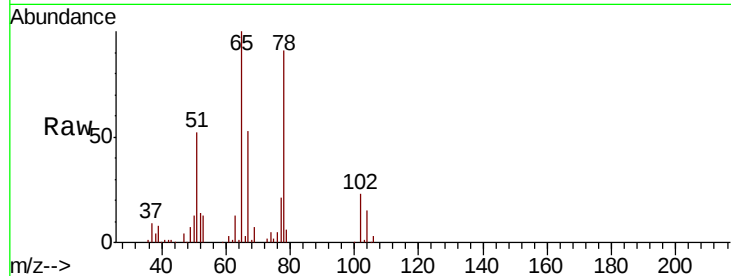




#33
 1,2-Dichloroethane-d4
 Concen: 52.339 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN062045.D
 Acq: 23 Jun 2020 16:36

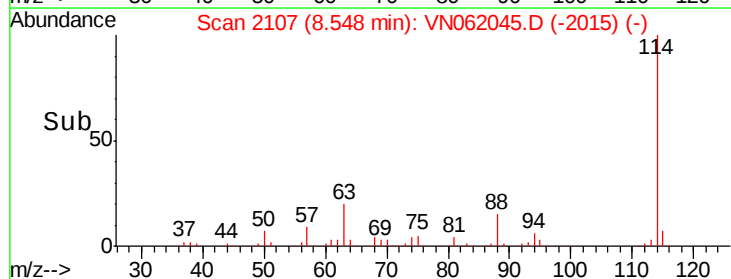
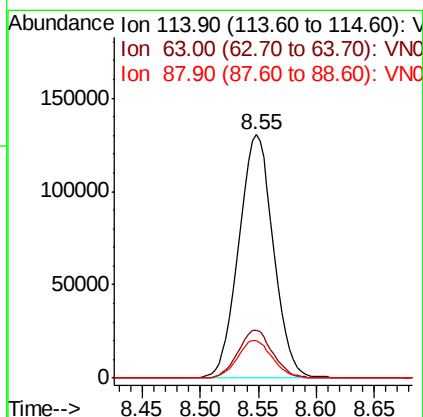
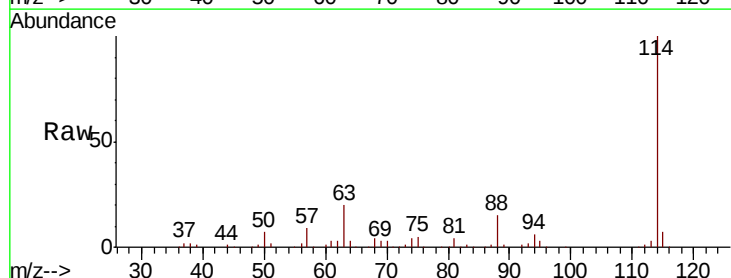
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0623WBSD01

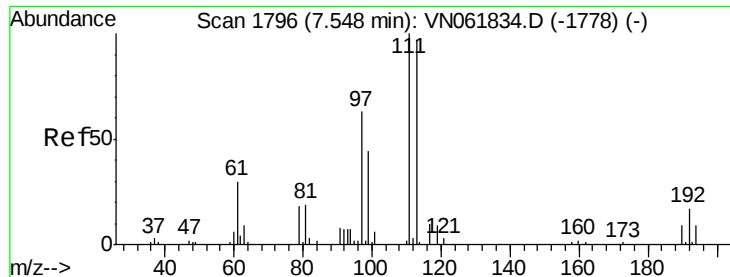
Tot Ion: 65 Resp: 109144
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN062045.D
 Acq: 23 Jun 2020 16:36

Tgt Ion: 114 Resp: 271166
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 37.6
 88 15.3 0.0 31.0

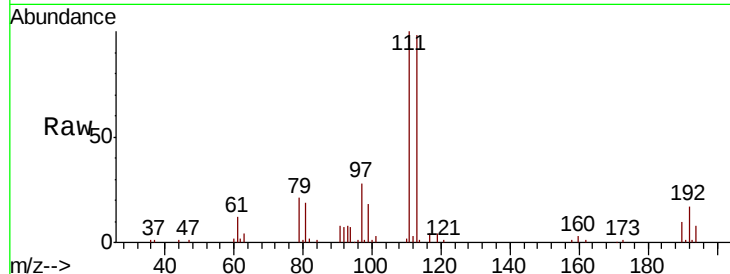




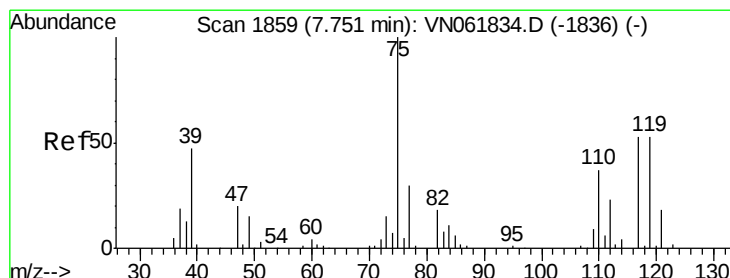
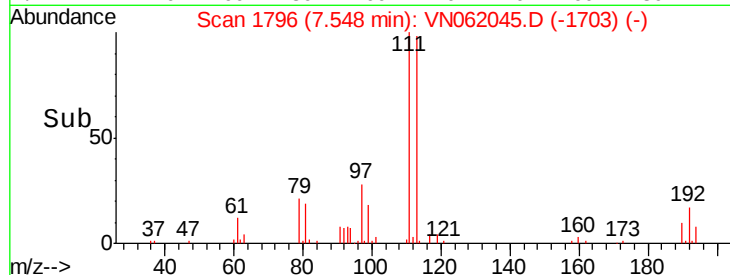
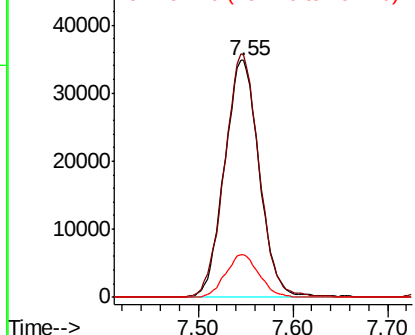
#35
 Dibromofluoromethane
 Concen: 51.237 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062045.D
 Acq: 23 Jun 2020 16:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0623WBSD01

Tot Ion:113 Resp: 88884
 Ion Ratio Lower Upper
 113 100
 111 101.7 83.7 125.5
 192 17.3 13.9 20.9

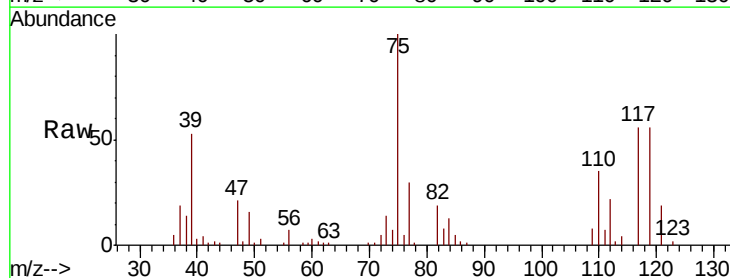


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

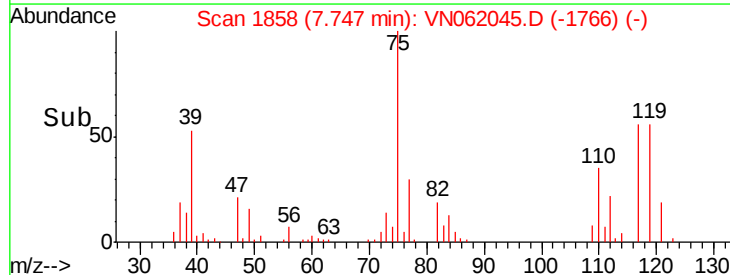
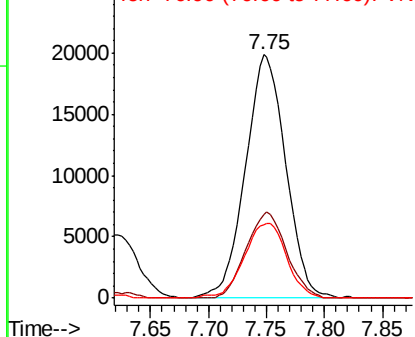


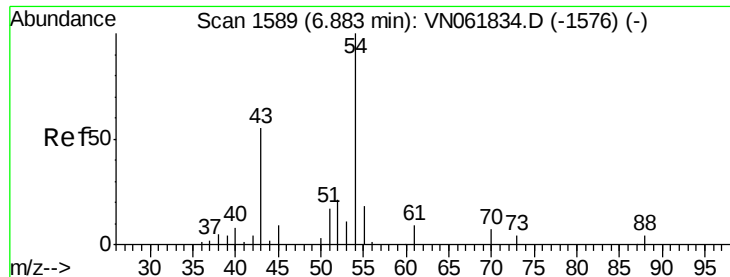
#36
 1,1-Dichloropropene
 Concen: 19.462 ug/l
 RT: 7.75 min Scan# 1858
 Delta R.T. -0.00 min
 Lab File: VN062045.D
 Acq: 23 Jun 2020 16:36

Tgt Ion: 75 Resp: 48137
 Ion Ratio Lower Upper
 75 100
 110 35.3 18.2 54.6
 77 32.0 24.2 36.4



Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VN0

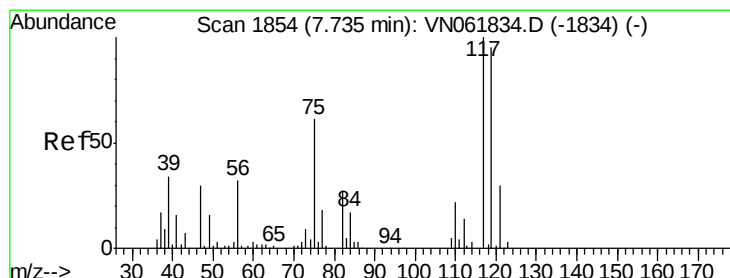
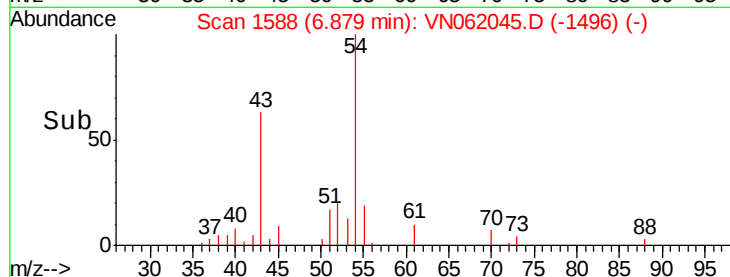
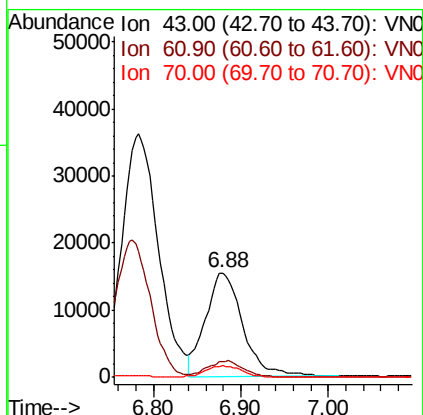
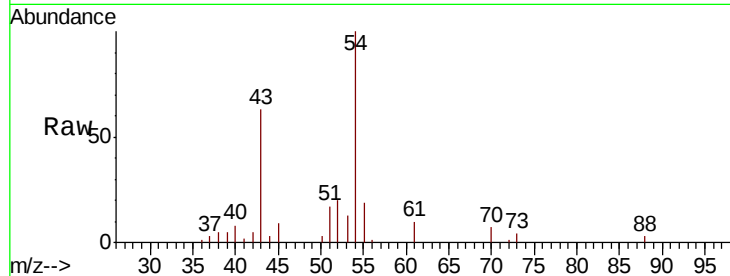




#37
Ethyl Acetate
Concen: 23.806 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.00 min
Lab File: VN062045.D
Acq: 23 Jun 2020 16:36

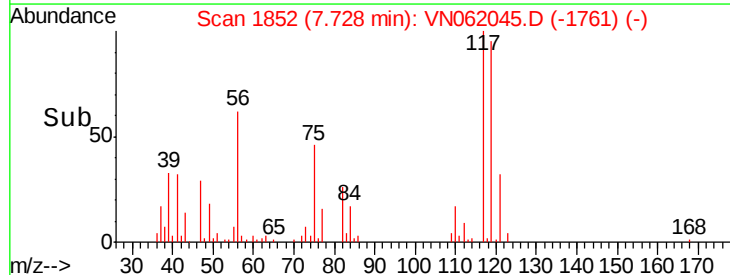
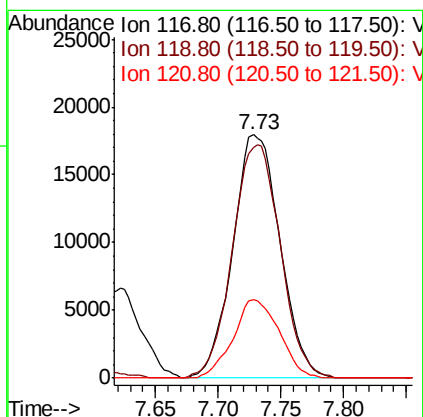
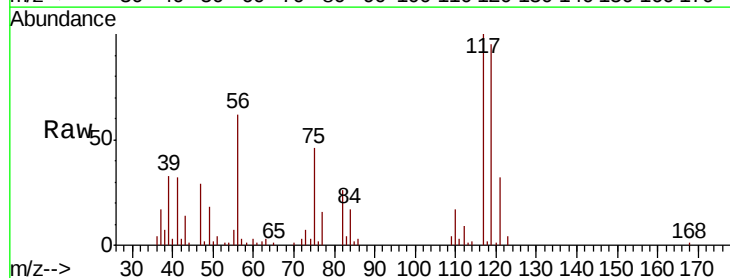
Instrument :
MSVOA_N
ClientSampleID :
VN0623WBSD01

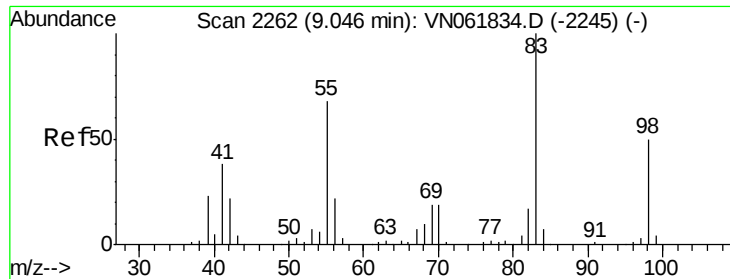
Tot Ion: 43 Resp: 45980
Ion Ratio Lower Upper
43 100
61 15.5 13.0 19.4
70 10.9 9.4 14.2



#38
Carbon Tetrachloride
Concen: 19.188 ug/l
RT: 7.73 min Scan# 1852
Delta R.T. -0.01 min
Lab File: VN062045.D
Acq: 23 Jun 2020 16:36

Tgt Ion: 117 Resp: 46998
Ion Ratio Lower Upper
117 100
119 94.6 75.8 113.6
121 32.4 23.8 35.6

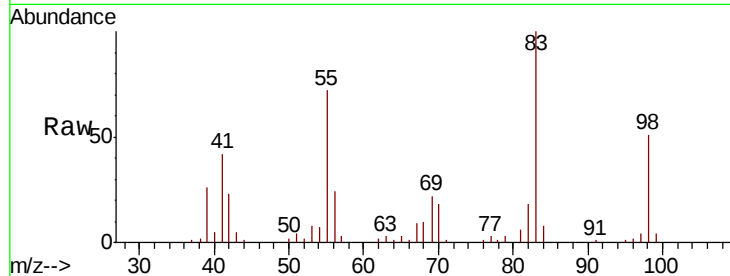




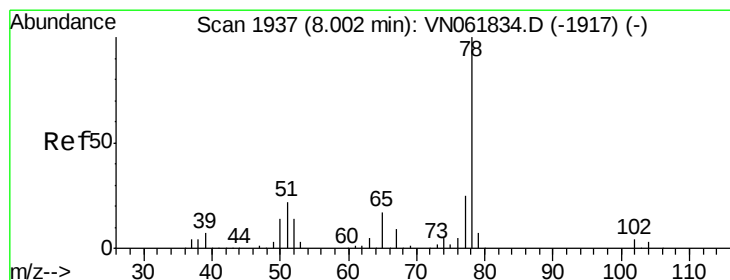
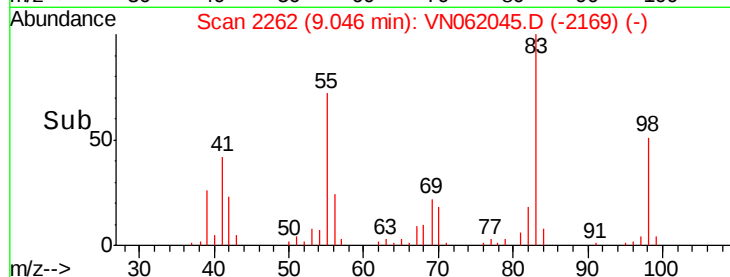
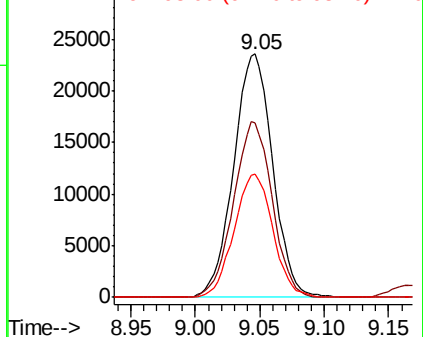
#39
Methvlcvclohexane
Concen: 18.643 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062045.D
Acq: 23 Jun 2020 16:36

Instrument :
MSVOA_N
ClientSampleId :
VN0623WBSD01

Tot Ion: 83 Resp: 49650
Ion Ratio Lower Upper
83 100
55 71.8 54.2 81.4
98 50.6 39.8 59.6

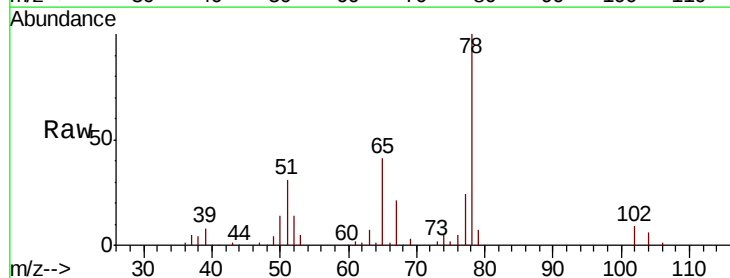


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

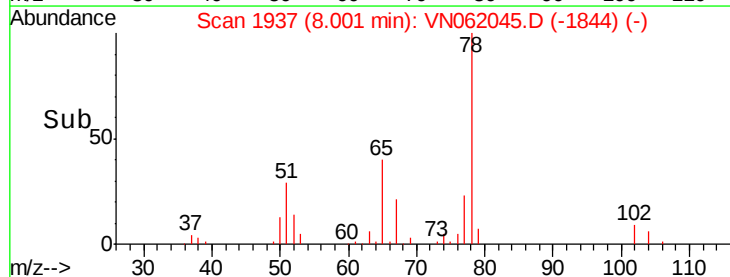
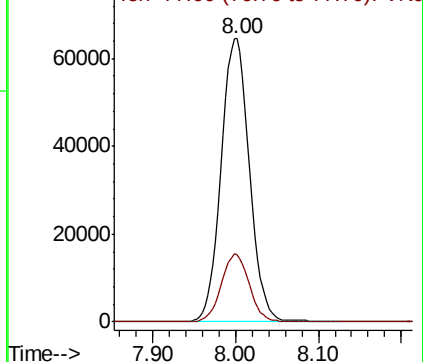


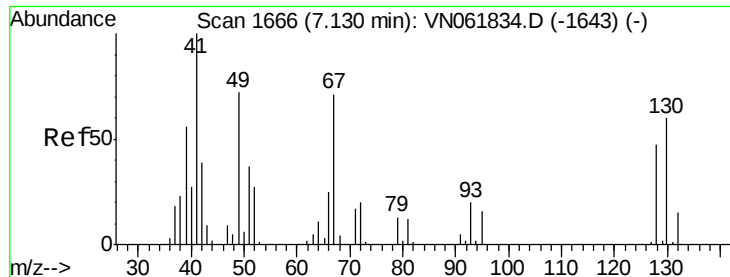
#40
Benzene
Concen: 20.423 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062045.D
Acq: 23 Jun 2020 16:36

Tgt Ion: 78 Resp: 153017
Ion Ratio Lower Upper
78 100
77 23.8 19.7 29.5



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

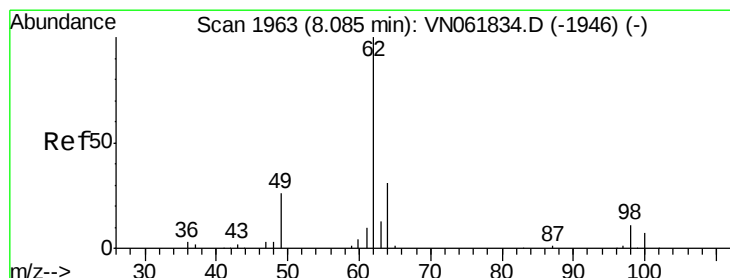
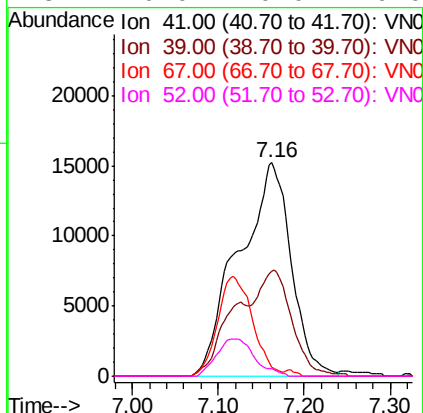
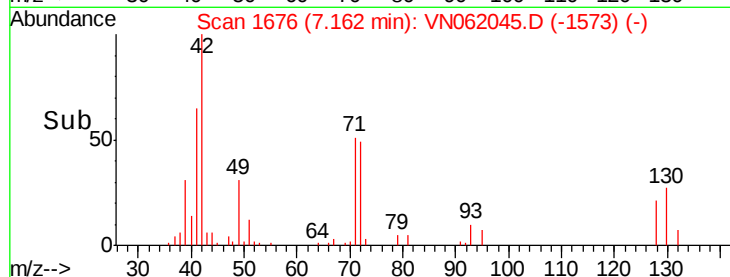
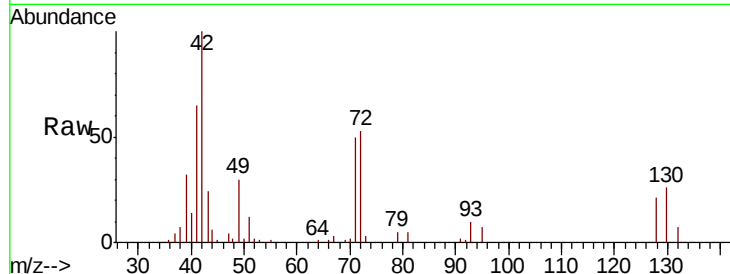




#41
Methacrylonitrile
Concen: 78.117 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. 0.03 min
Lab File: VN062045.D
Acq: 23 Jun 2020 16:36

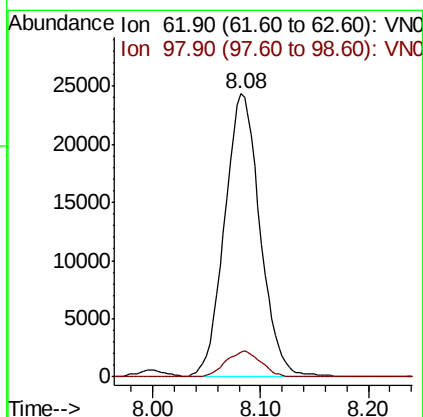
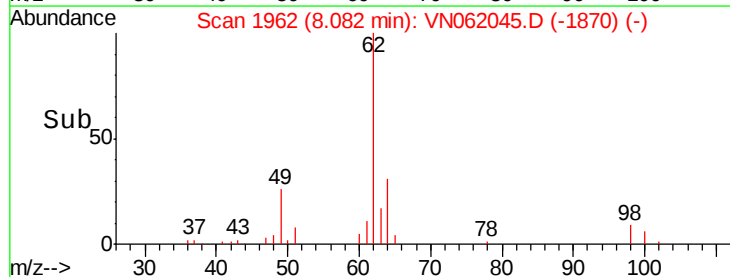
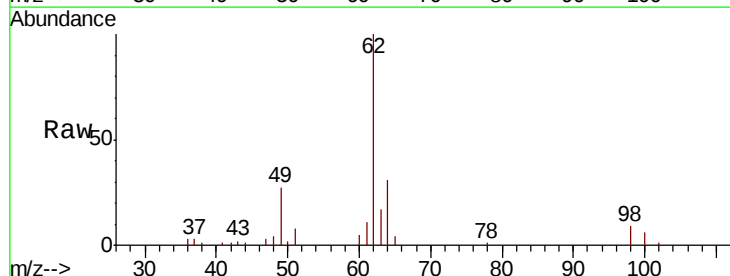
Instrument :
MSVOA_N
ClientSampleId :
VN0623WBSD01

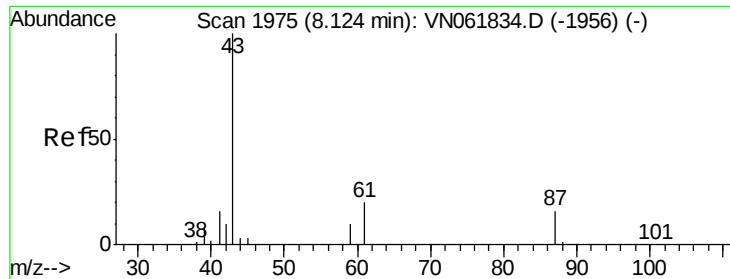
Tot Ion:	41	Resp:	64517
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 21.857 ug/l
RT: 8.08 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VN062045.D
Acq: 23 Jun 2020 16:36

Tgt Ion:	62	Resp:	55838
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	20.4





#43

Isopropyl Acetate

Concen: 23.408 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.00 min

Lab File: VN062045.D

Acq: 23 Jun 2020 16:36

Instrument :

MSVOA_N

ClientSampleId :

VN0623WBSD01

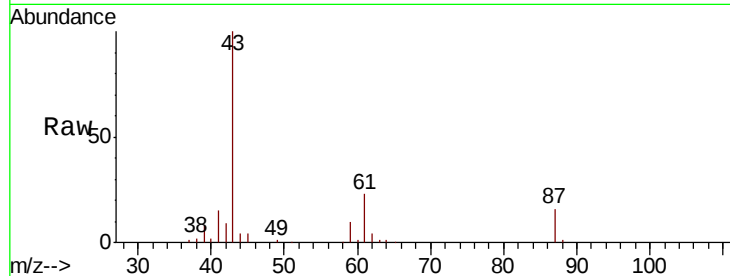
Tot Ion: 43 Resp: 76192

Ion Ratio Lower Upper

43 100

61 23.1 24.0 36.0#

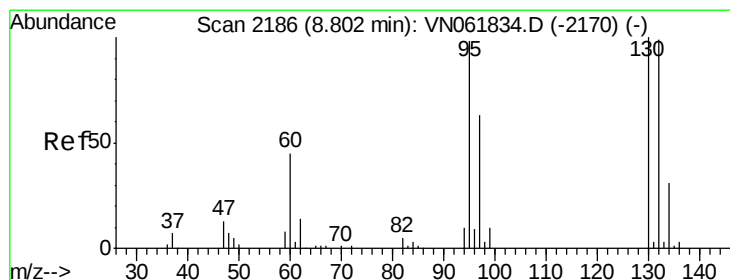
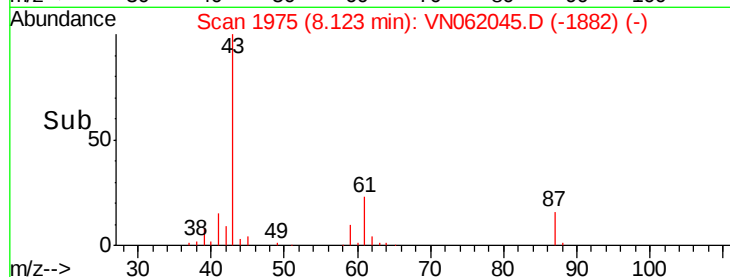
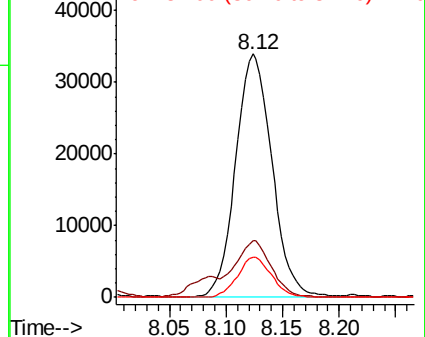
87 15.3 12.5 18.7



Abundance Ion 43.00 (42.70 to 43.70): VN061834.D (-1956) (-)

Ion 61.00 (60.70 to 61.70): VN061834.D (-1956) (-)

Ion 87.00 (86.70 to 87.70): VN061834.D (-1956) (-)



#44

Trichloroethene

Concen: 19.356 ug/l

RT: 8.80 min Scan# 2185

Delta R.T. -0.00 min

Lab File: VN062045.D

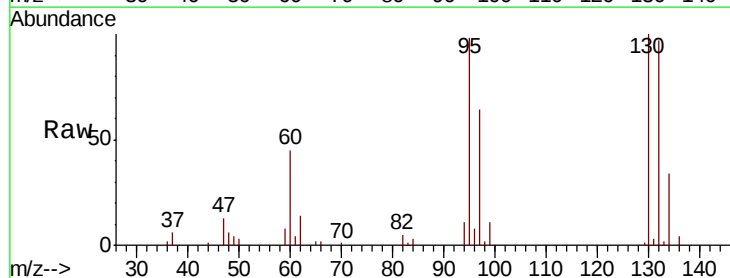
Acq: 23 Jun 2020 16:36

Tgt Ion:130 Resp: 38166

Ion Ratio Lower Upper

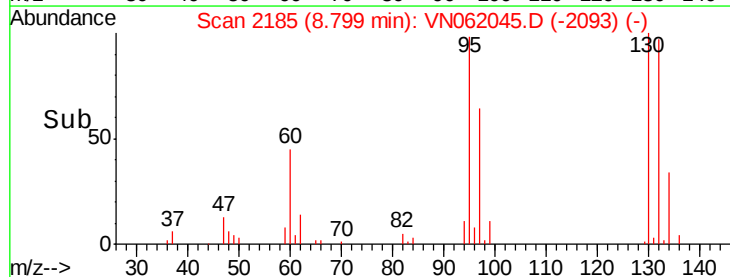
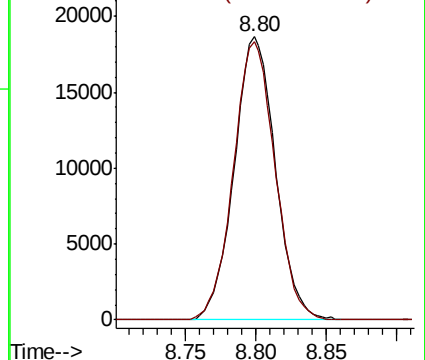
130 100

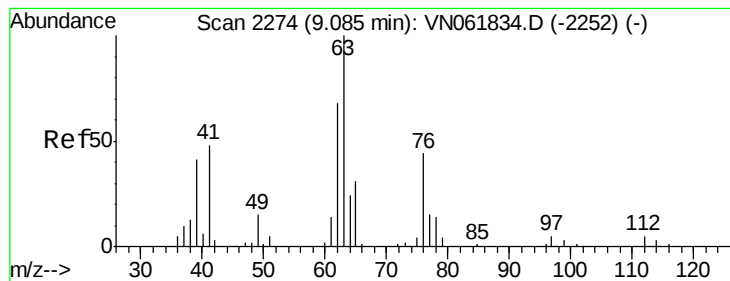
95 98.4 0.0 195.6



Abundance Ion 129.80 (129.50 to 130.50): VN061834.D (-2170) (-)

Ion 94.90 (94.60 to 95.60): VN061834.D (-2170) (-)





#45

1,2-Dichloropropane

Concen: 22.085 ug/l

RT: 9.08 min Scan# 2273

Delta R.T. -0.00 min

Lab File: VN062045.D

Acq: 23 Jun 2020 16:36

Instrument :

MSVOA_N

ClientSampleId :

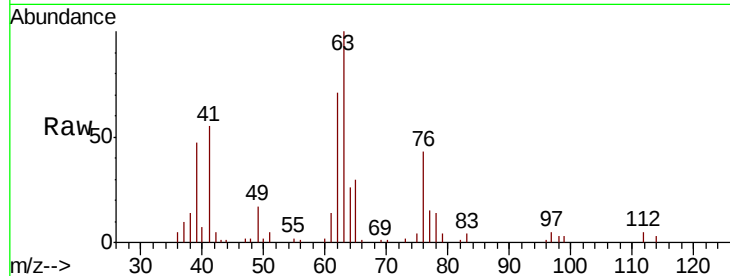
VN0623WBSD01

Tot Ion: 63 Resp: 40663

Ion Ratio Lower Upper

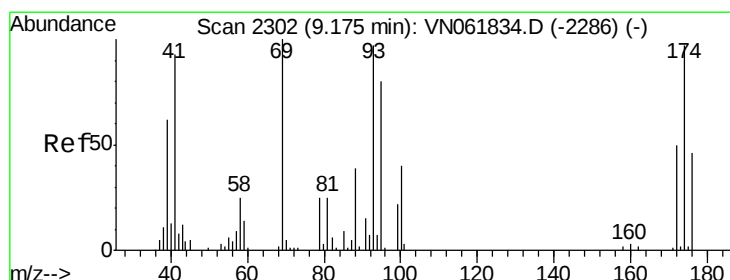
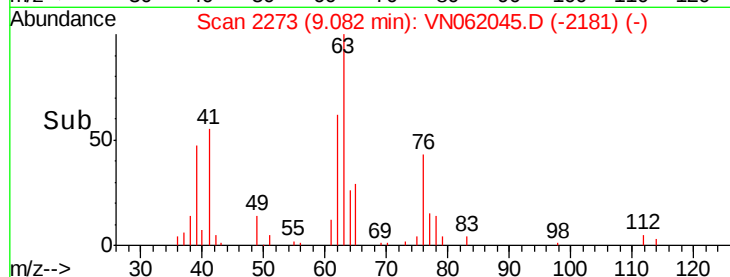
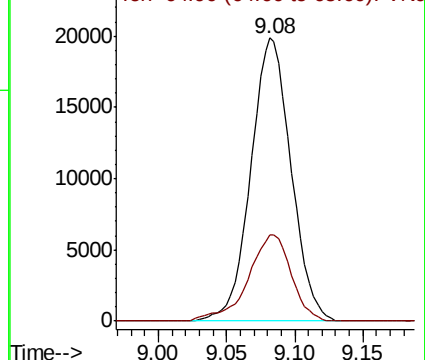
63 100

65 30.3 25.1 37.7



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 21.160 ug/l

RT: 9.17 min Scan# 2301

Delta R.T. -0.00 min

Lab File: VN062045.D

Acq: 23 Jun 2020 16:36

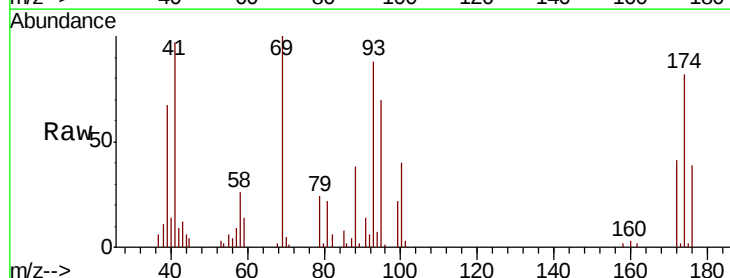
Tgt Ion: 93 Resp: 27436

Ion Ratio Lower Upper

93 100

95 82.9 65.8 98.6

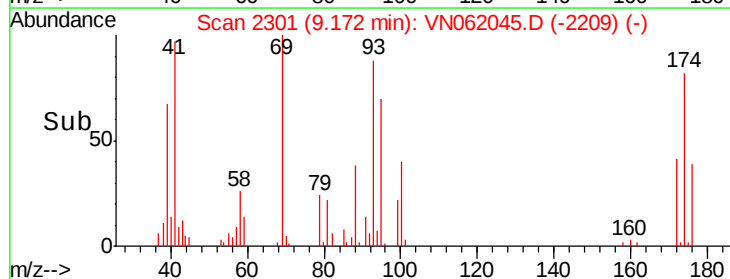
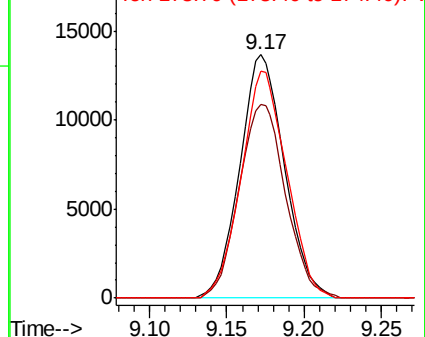
174 94.6 78.5 117.7

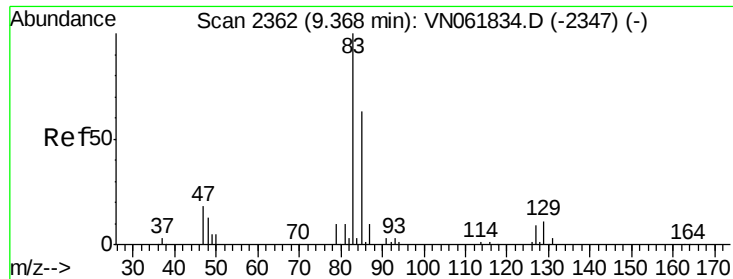


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

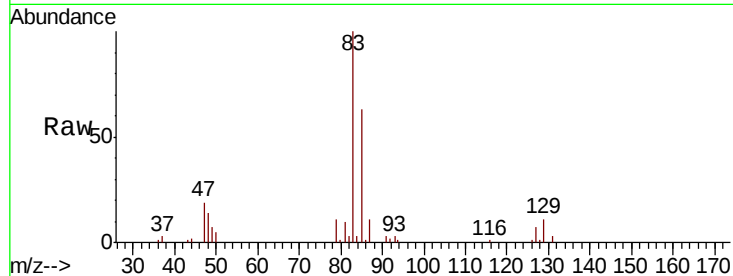




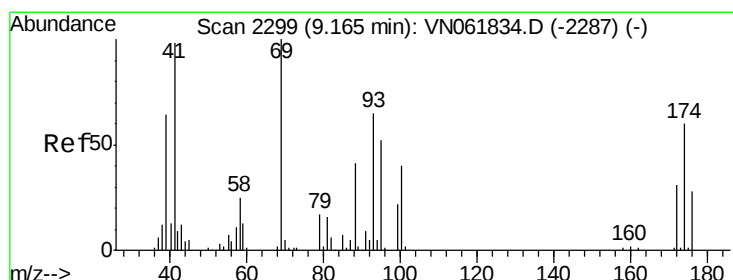
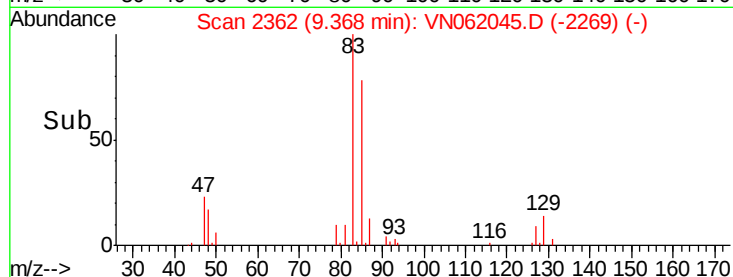
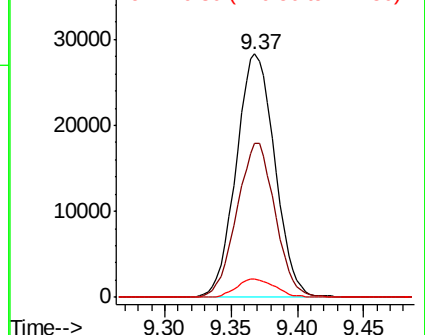
#47
 Bromodichloromethane
 Concen: 21.580 ug/l
 RT: 9.37 min Scan# 2362
 Delta R.T. -0.00 min
 Lab File: VN062045.D
 Acq: 23 Jun 2020 16:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0623WBSD01

Tot Ion: 83 Resp: 57293
 Ion Ratio Lower Upper
 83 100
 85 63.4 50.8 76.2
 127 7.4 7.0 10.4

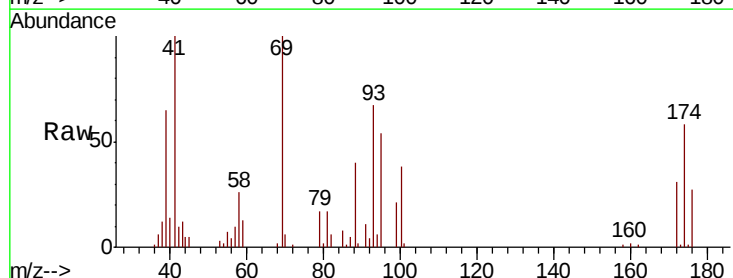


Abundance Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 126.80 (126.50 to 127.50): VN0

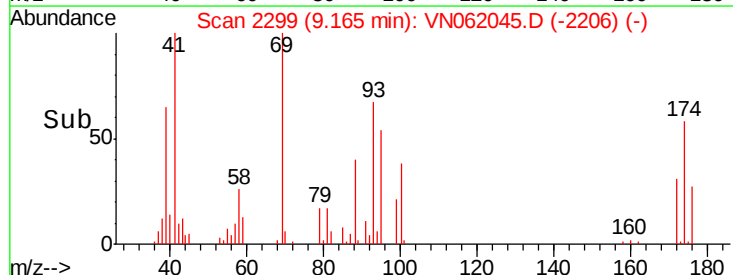
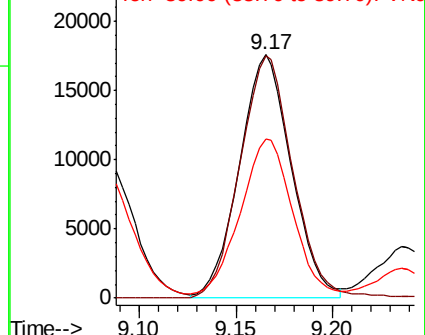


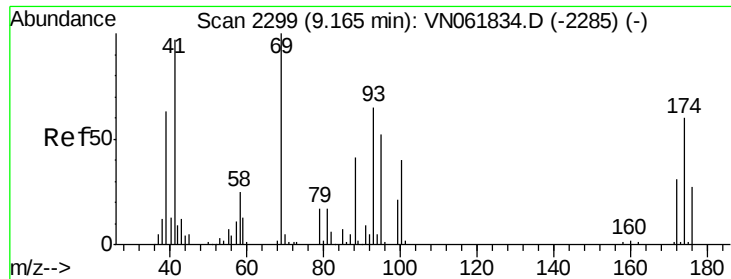
#48
 Methyl methacrylate
 Concen: 22.214 ug/l
 RT: 9.17 min Scan# 2299
 Delta R.T. -0.00 min
 Lab File: VN062045.D
 Acq: 23 Jun 2020 16:36

Tgt Ion: 41 Resp: 32882
 Ion Ratio Lower Upper
 41 100
 69 101.7 83.0 124.4
 39 66.7 55.1 82.7



Abundance Ion 41.00 (40.70 to 41.70): VN0
 Ion 69.00 (68.70 to 69.70): VN0
 Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 421.580 ug/l

RT: 9.16 min Scan# 2298

Delta R.T. -0.00 min

Lab File: VN062045.D

Acq: 23 Jun 2020 16:36

Instrument :

MSVOA_N

ClientSampleId :

VN0623WBSD01

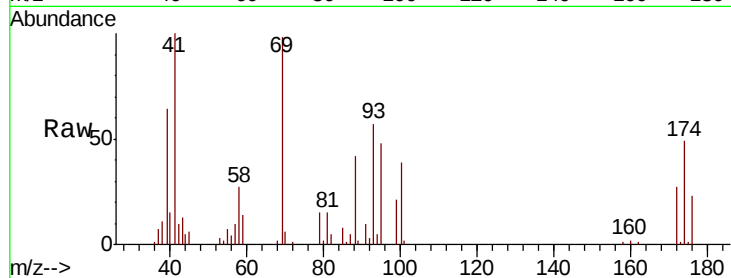
Tot Ion: 88 Resp: 14327

Ion Ratio Lower Upper

88 100

43 30.8 23.4 35.2

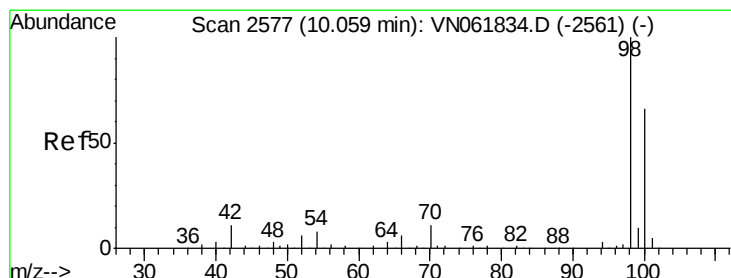
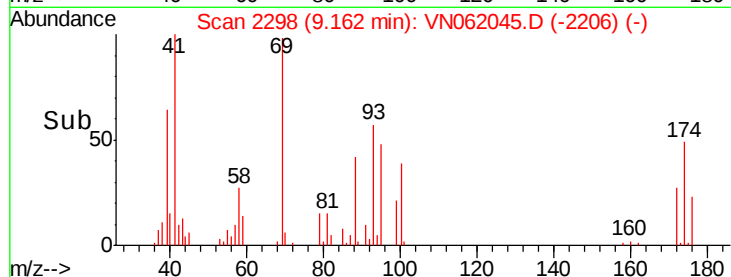
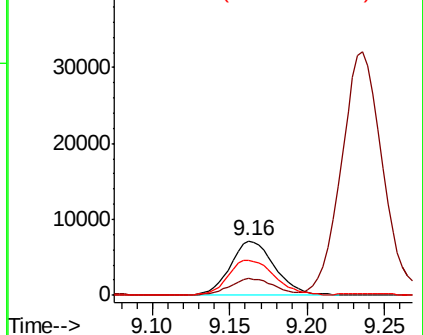
58 67.4 49.8 74.6



Abundance Ion 88.00 (87.70 to 88.70): VN061834.D (-2285) (-)

Ion 43.00 (42.70 to 43.70): VN061834.D (-2285) (-)

Ion 58.00 (57.70 to 58.70): VN061834.D (-2285) (-)



#50

Toluene-d8

Concen: 49.669 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062045.D

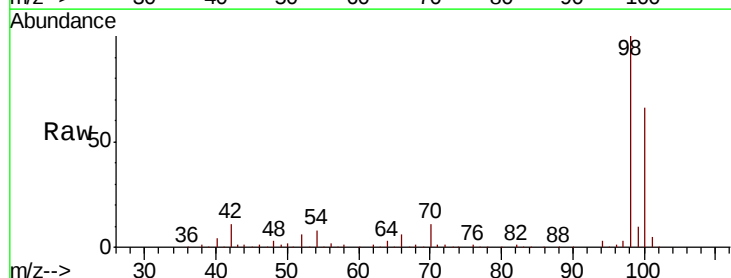
Acq: 23 Jun 2020 16:36

Tgt Ion: 98 Resp: 338750

Ion Ratio Lower Upper

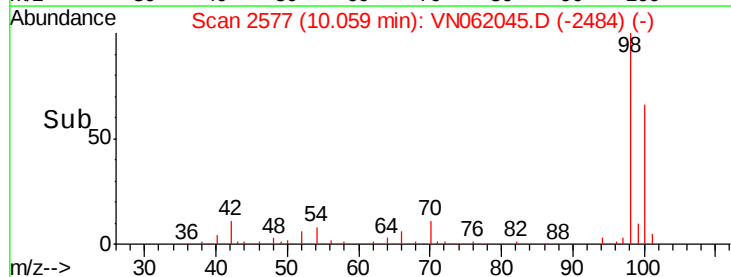
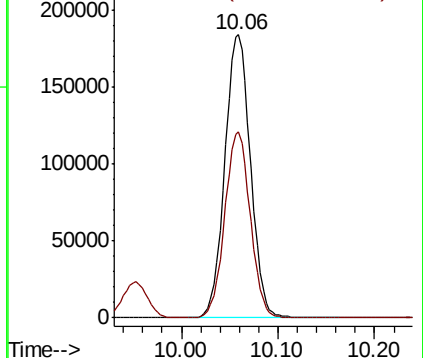
98 100

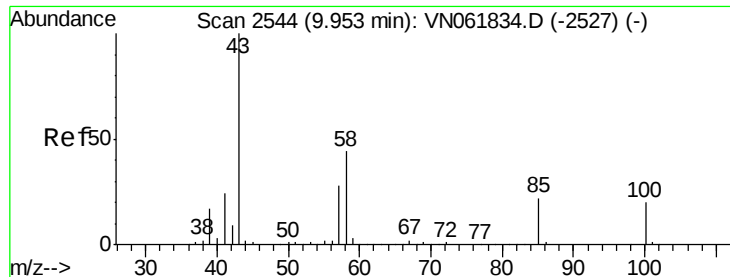
100 65.4 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VN061834.D (-2561) (-)

Ion 100.00 (99.70 to 100.70): VN061834.D (-2561) (-)





#51

4-Methyl-2-Pentanone

Concen: 117.697 ug/l

RT: 9.95 min Scan# 2543

Delta R.T. -0.00 min

Lab File: VN062045.D

Acq: 23 Jun 2020 16:36

Instrument :

MSVOA_N

ClientSampled :

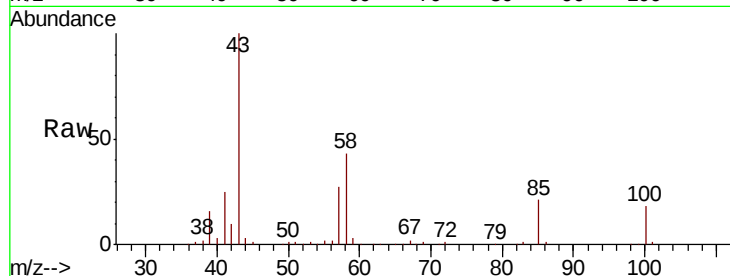
VN0623WBSD01

Tot Ion: 43 Resp: 226384

Ion Ratio Lower Upper

43 100

58 42.9 34.6 52.0



Abundance Ion 43.00 (42.70 to 43.70): VN061834.D (-2527) (-)

Ion 58.00 (57.70 to 58.70): VN061834.D (-2527) (-)

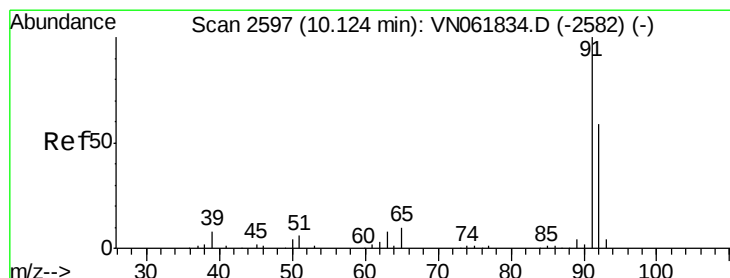
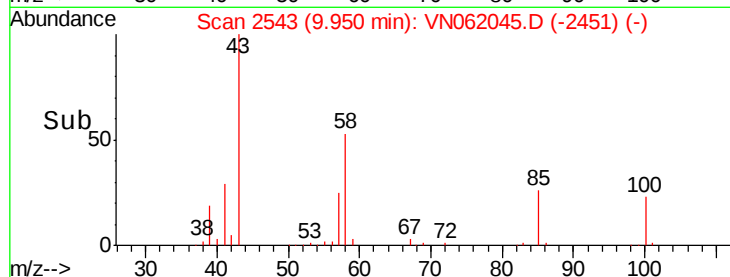
9.95

100000

50000

0

Time-->



#52

Toluene

Concen: 20.336 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062045.D

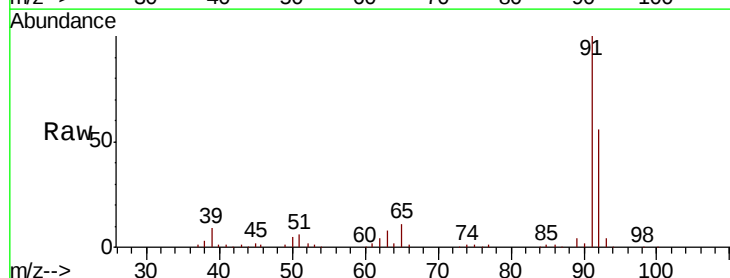
Acq: 23 Jun 2020 16:36

Tgt Ion: 92 Resp: 95687

Ion Ratio Lower Upper

92 100

91 176.4 137.1 205.7



Abundance Ion 92.00 (91.70 to 92.70): VN061834.D (-2582) (-)

Ion 91.00 (90.70 to 91.70): VN061834.D (-2582) (-)

10.12

100000

80000

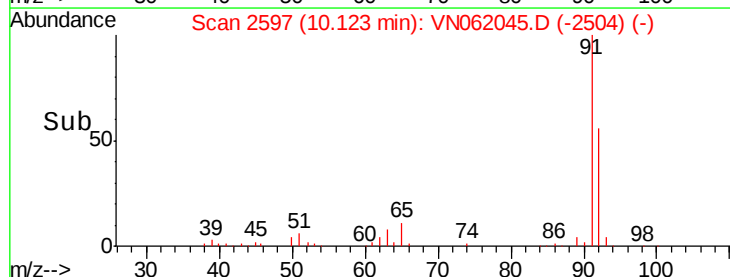
60000

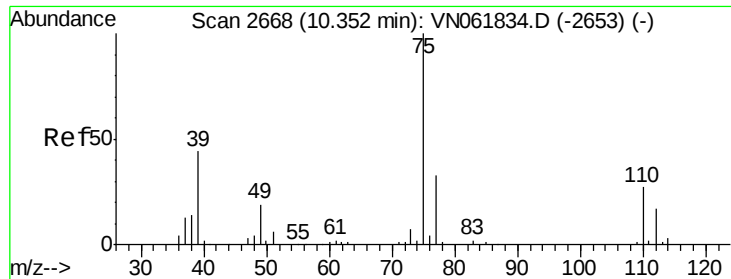
40000

20000

0

Time-->

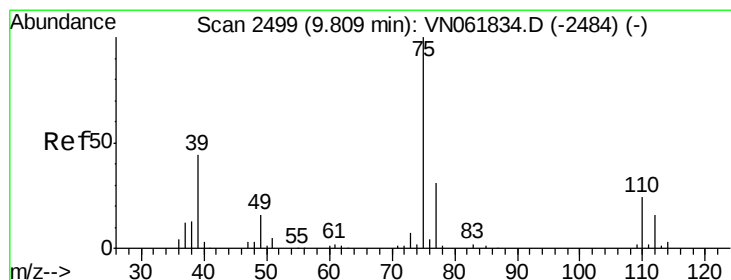
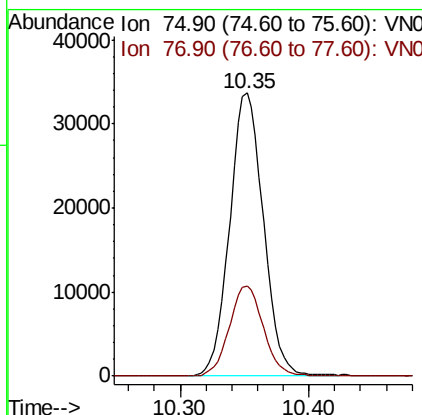
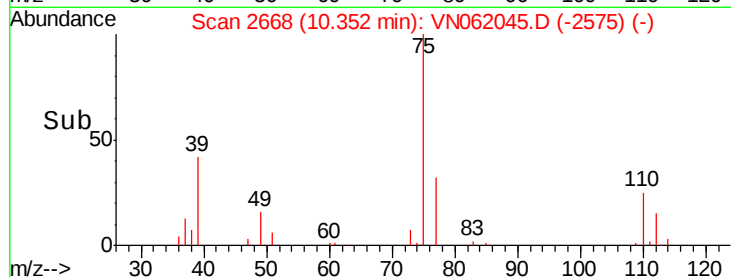
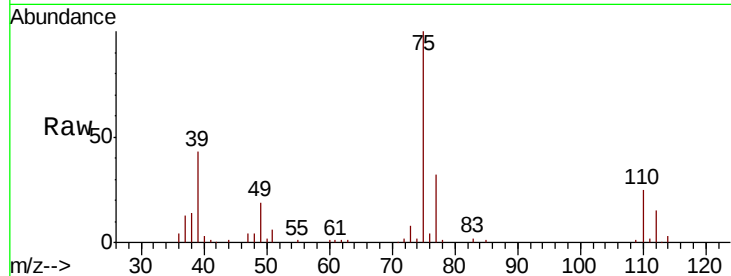




#53
t-1,3-Dichloropropene
Concen: 21.707 ug/l
RT: 10.35 min Scan# 2668
Delta R.T. -0.00 min
Lab File: VN062045.D
Acq: 23 Jun 2020 16:36

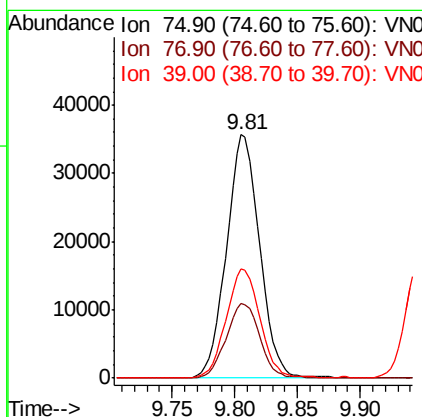
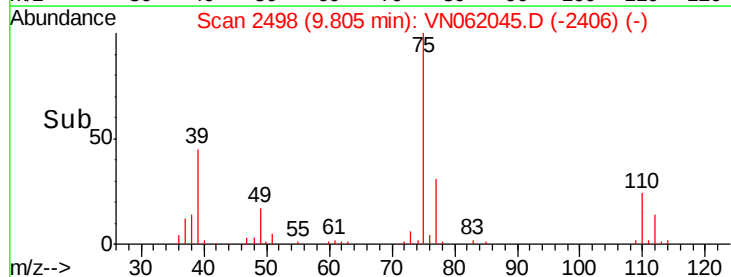
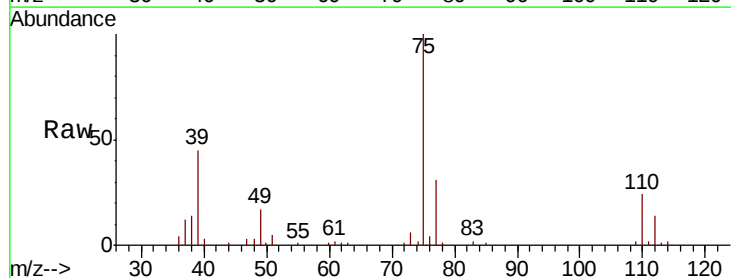
Instrument :
MSVOA_N
ClientSampleId :
VN0623WBSD01

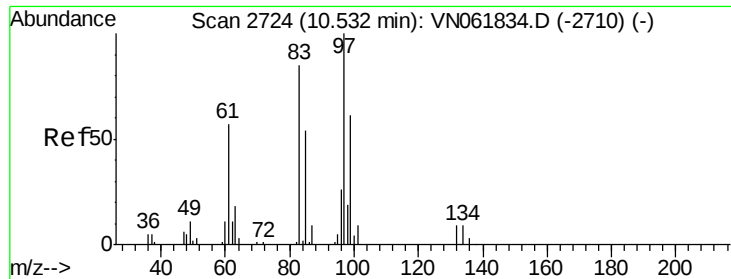
Tot Ion: 75 Resp: 61179
Ion Ratio Lower Upper
75 100
77 31.8 26.3 39.5



#54
cis-1,3-Dichloropropene
Concen: 21.320 ug/l
RT: 9.81 min Scan# 2498
Delta R.T. -0.00 min
Lab File: VN062045.D
Acq: 23 Jun 2020 16:36

Tgt Ion: 75 Resp: 65266
Ion Ratio Lower Upper
75 100
77 30.6 24.8 37.2
39 44.9 35.4 53.0





#55

1,1,2-Trichloroethane

Concen: 22.390 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.00 min

Lab File: VN062045.D

Acq: 23 Jun 2020 16:36

Instrument :

MSVOA_N

ClientSampled :

VN0623WBSD01

Tot Ion: 97 Resp: 41451

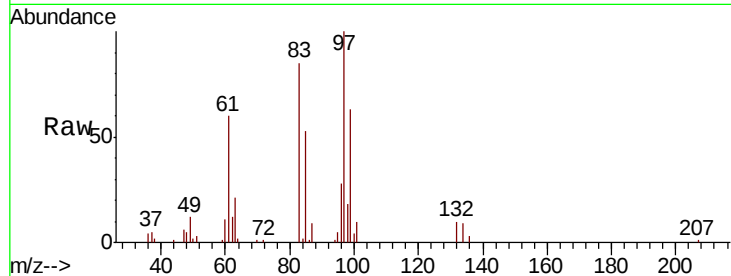
Ion Ratio Lower Upper

97 100

83 84.6 67.7 101.5

85 52.6 43.4 65.0

99 63.2 48.8 73.2

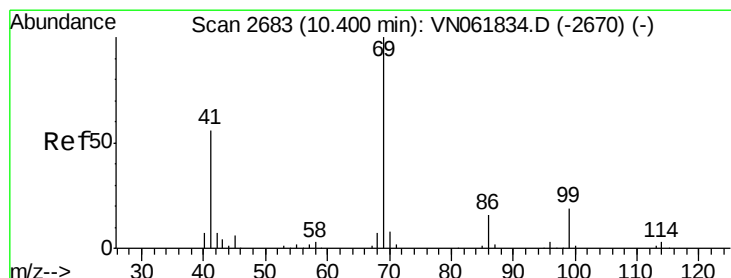
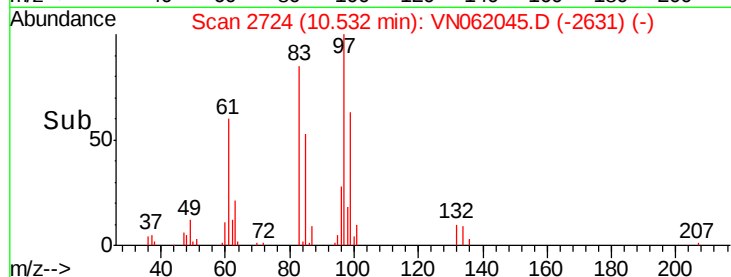
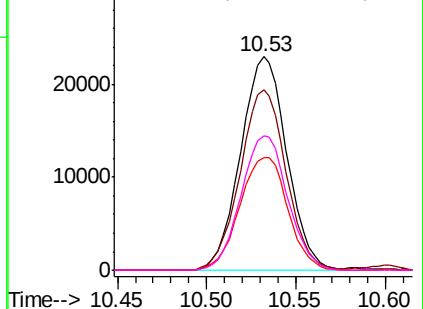


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 20.969 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. -0.00 min

Lab File: VN062045.D

Acq: 23 Jun 2020 16:36

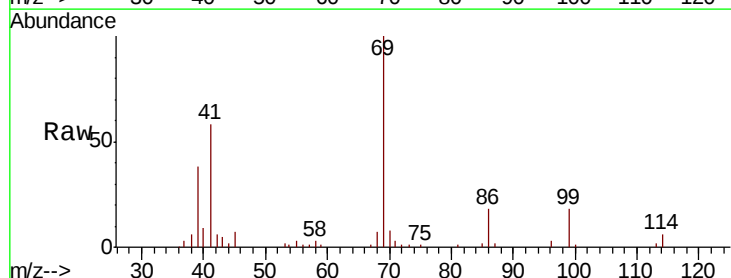
Tgt Ion: 69 Resp: 54239

Ion Ratio Lower Upper

69 100

41 58.0 44.9 67.3

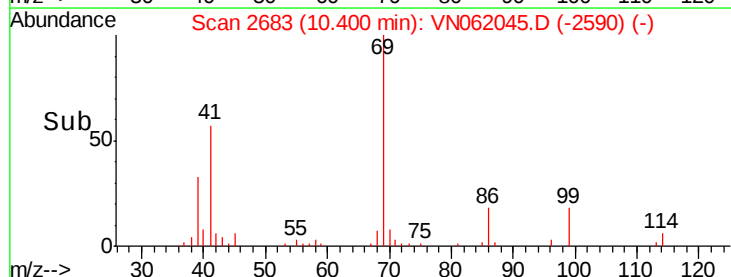
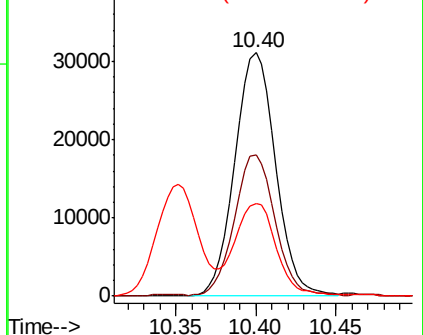
39 37.6 30.0 45.0

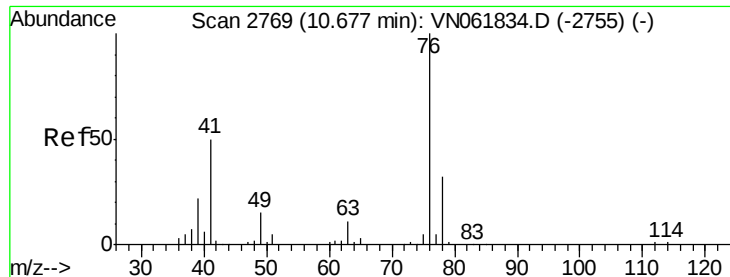


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 22.393 ug/l

RT: 10.68 min Scan# 2769

Delta R.T. -0.00 min

Lab File: VN062045.D

Acq: 23 Jun 2020 16:36

Instrument :

MSVOA_N

ClientSampled :

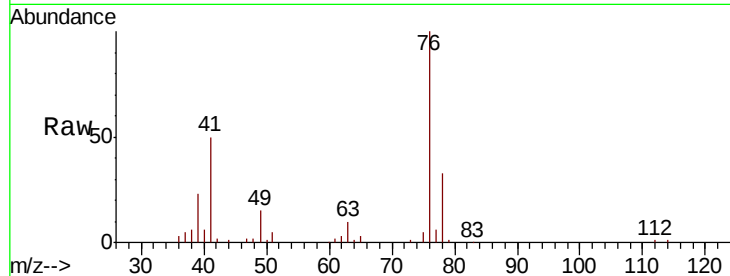
VN0623WBSD01

Tot Ion: 76 Resp: 70233

Ion Ratio Lower Upper

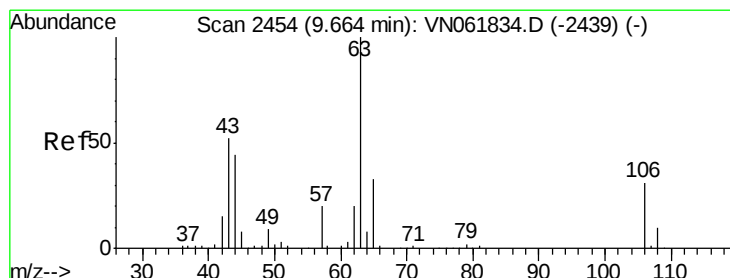
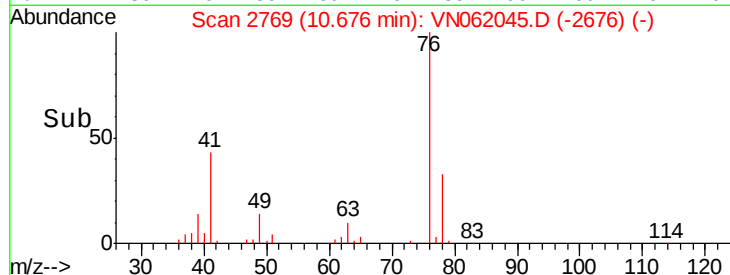
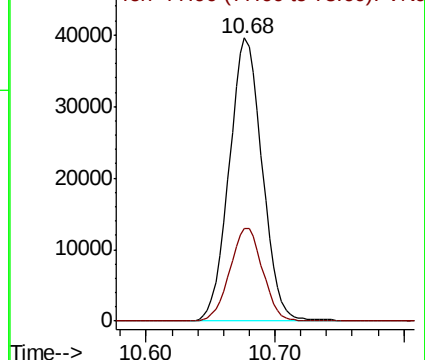
76 100

78 32.5 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 104.027 ug/l

RT: 9.66 min Scan# 2454

Delta R.T. -0.00 min

Lab File: VN062045.D

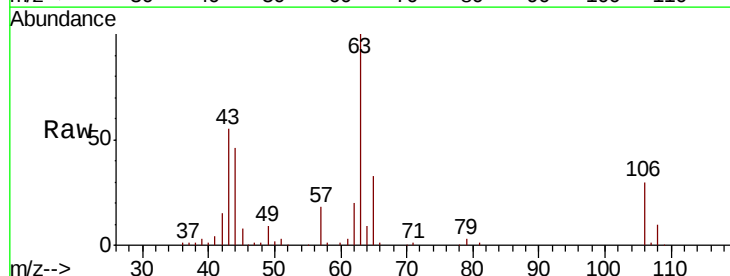
Acq: 23 Jun 2020 16:36

Tgt Ion: 63 Resp: 101642

Ion Ratio Lower Upper

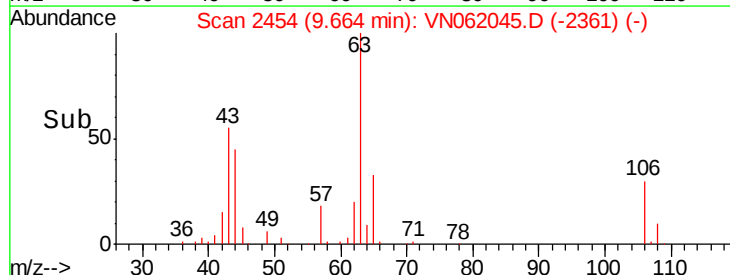
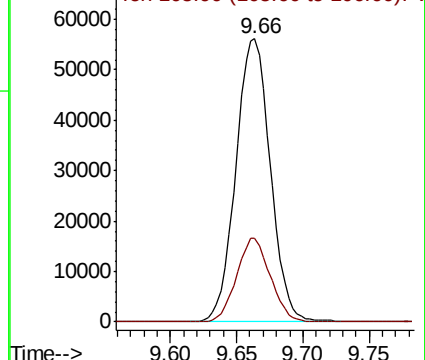
63 100

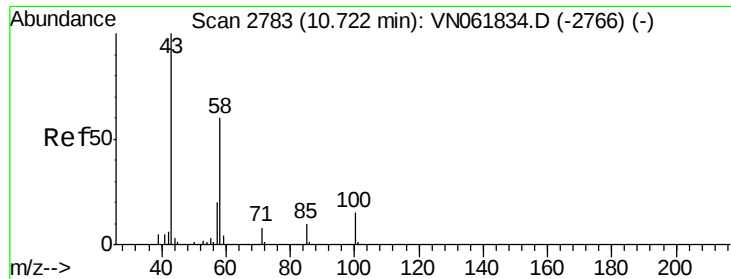
106 28.8 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

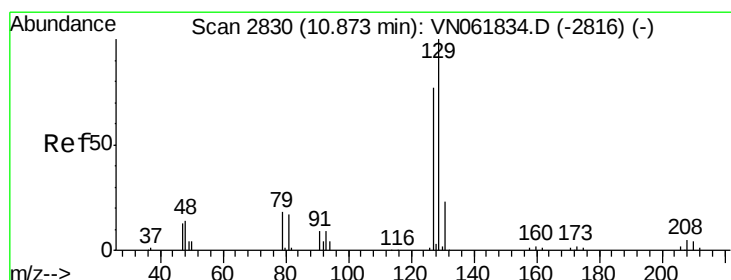
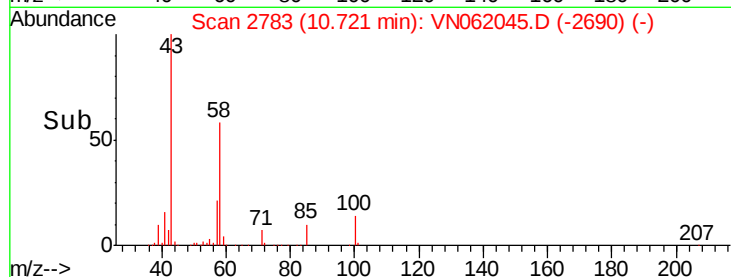
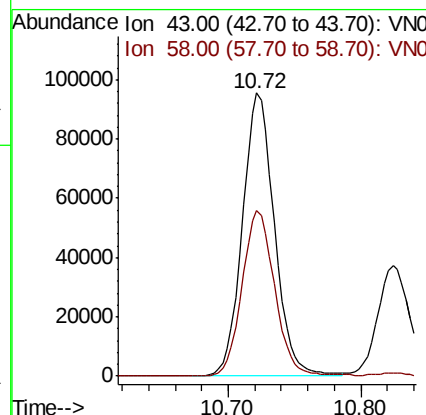
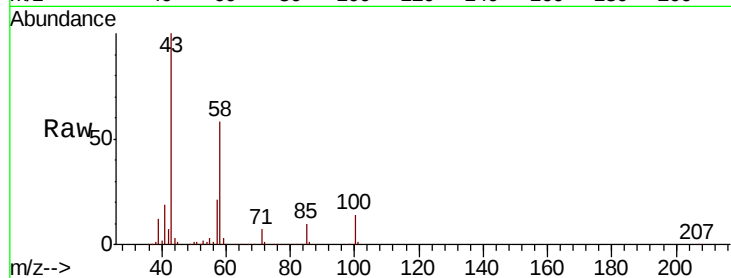




#59
2-Hexanone
Concen: 112.023 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN062045.D
Acq: 23 Jun 2020 16:36

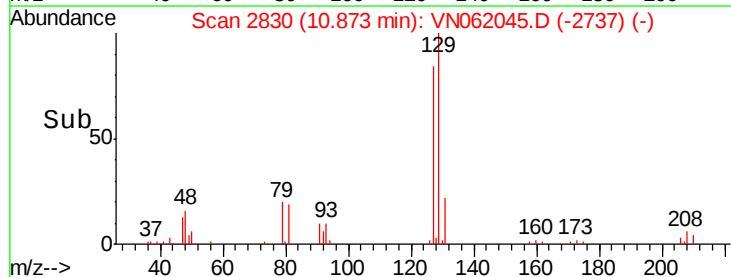
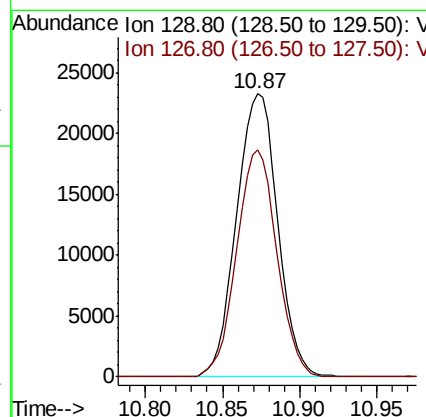
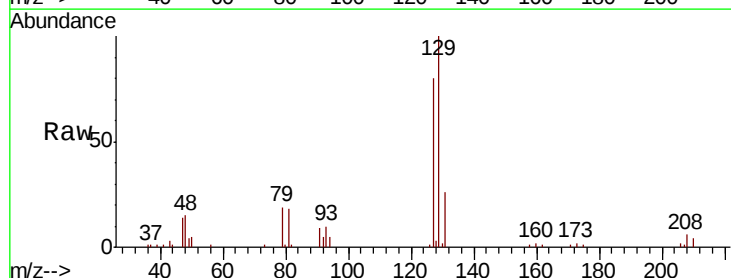
Instrument :
MSVOA_N
ClientSampled :
VN0623WBSD01

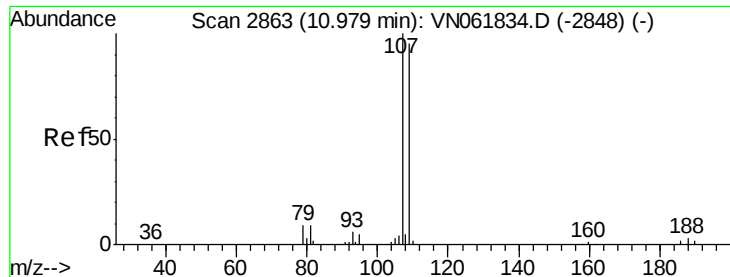
Tot Ion: 43 Resp: 160127
Ion Ratio Lower Upper
43 100
58 59.7 30.1 90.5



#60
Dibromochloromethane
Concen: 20.881 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062045.D
Acq: 23 Jun 2020 16:36

Tgt Ion: 129 Resp: 43135
Ion Ratio Lower Upper
129 100
127 78.2 38.5 115.5

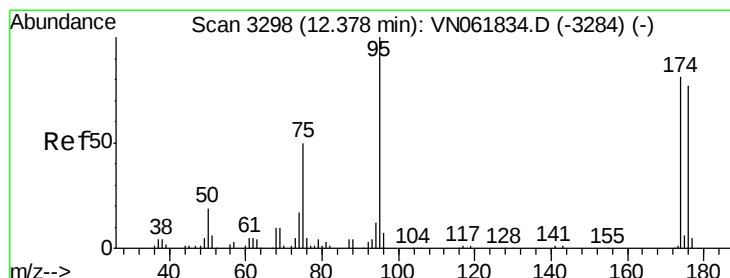
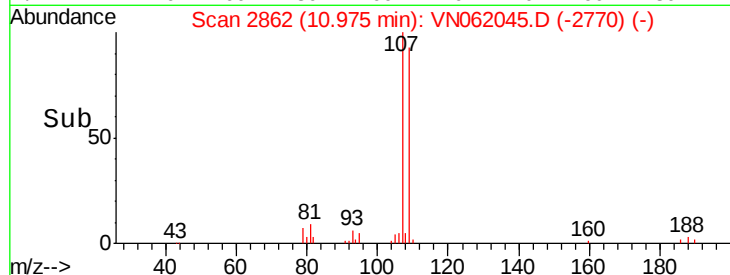
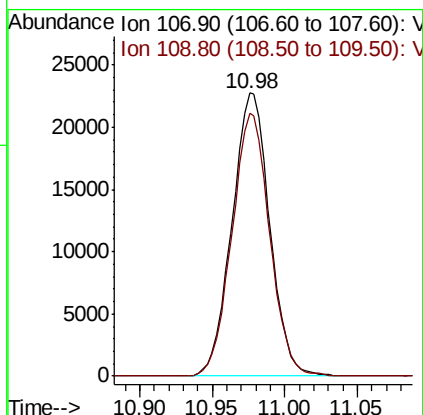
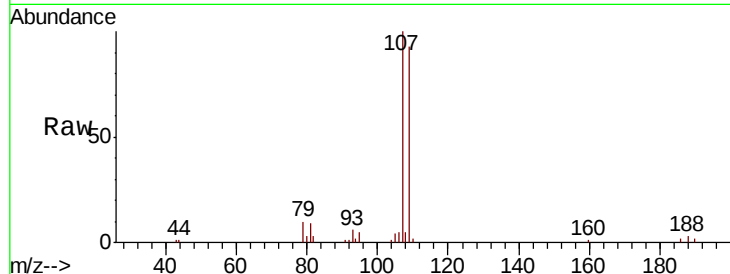




#61
 1,2-Dibromoethane
 Concen: 21.223 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN062045.D
 Acq: 23 Jun 2020 16:36

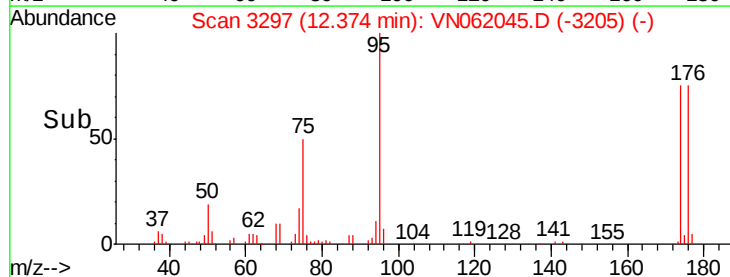
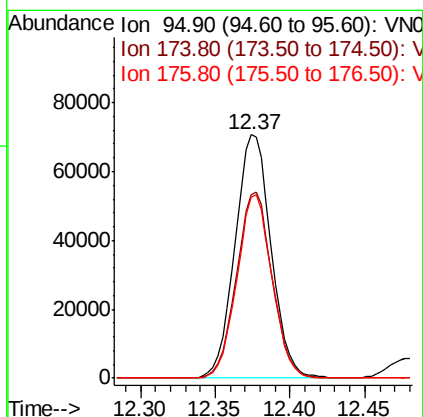
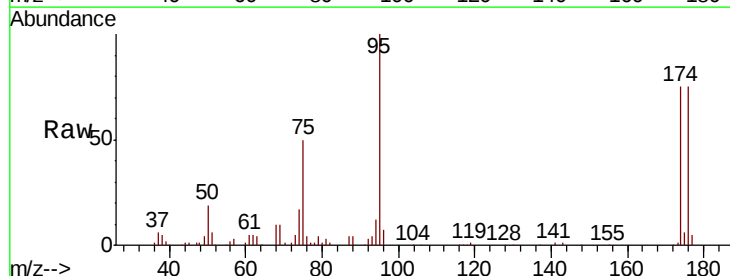
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0623WBSD01

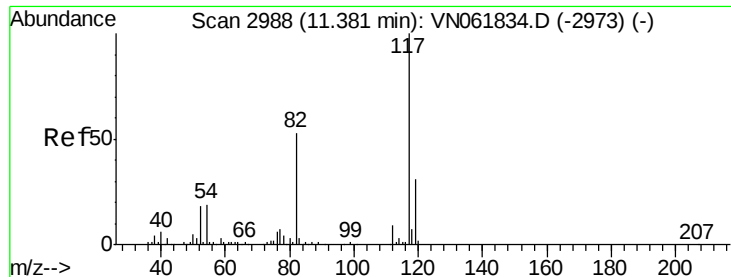
Tot Ion: 107 Resp: 41027
 Ion Ratio Lower Upper
 107 100
 109 93.0 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 50.676 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VN062045.D
 Acq: 23 Jun 2020 16:36

Tgt Ion: 95 Resp: 118552
 Ion Ratio Lower Upper
 95 100
 174 75.5 0.0 158.6
 176 73.3 0.0 152.0

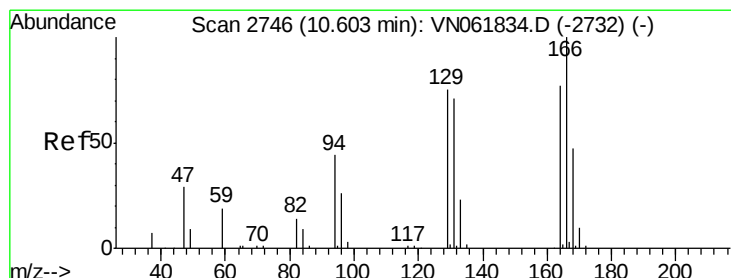
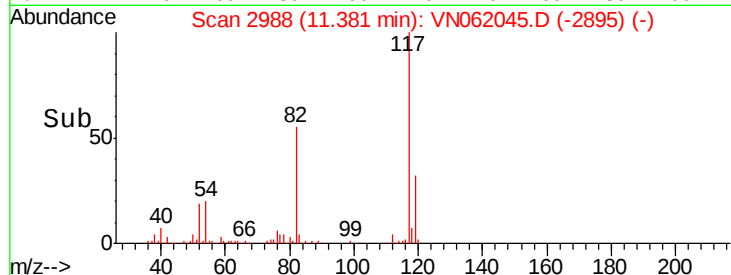
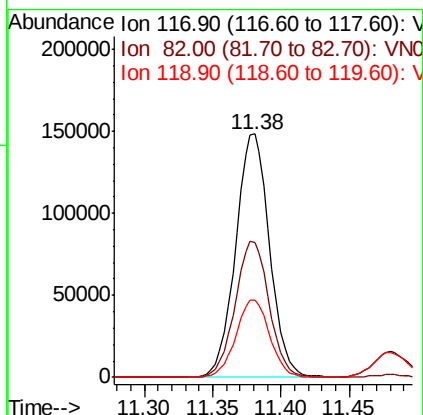
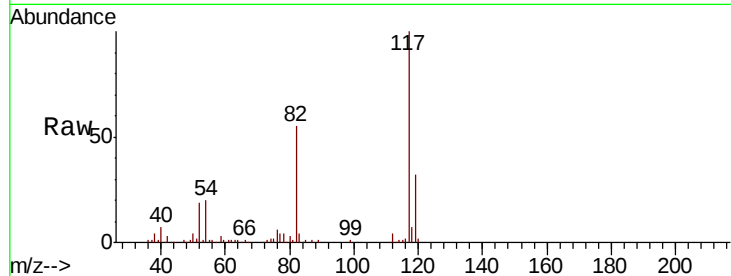




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062045.D
Acq: 23 Jun 2020 16:36

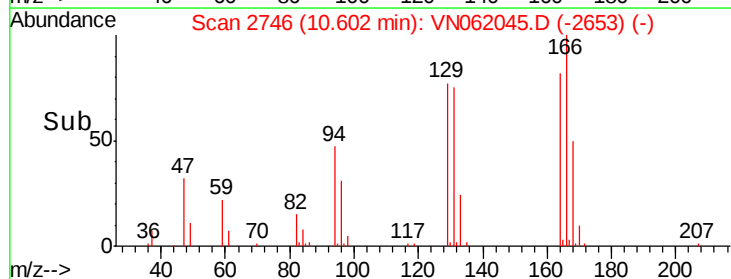
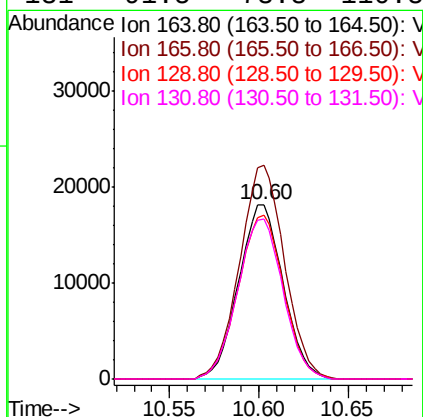
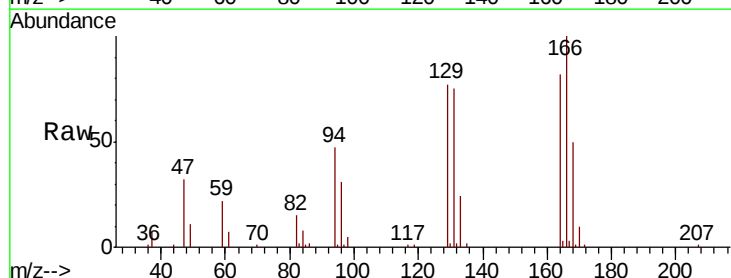
Instrument :
MSVOA_N
ClientSampleId :
VN0623WBSD01

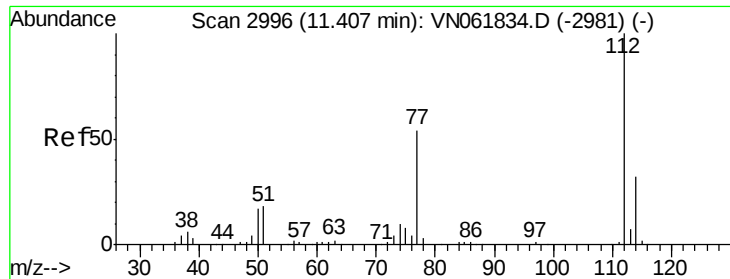
Tot Ion:117 Resp: 256073
Ion Ratio Lower Upper
117 100
82 55.4 42.6 64.0
119 31.6 24.7 37.1



#64
Tetrachloroethene
Concen: 19.424 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062045.D
Acq: 23 Jun 2020 16:36

Tgt Ion:164 Resp: 31703
Ion Ratio Lower Upper
164 100
166 122.3 103.5 155.3
129 93.9 77.5 116.3
131 91.5 73.8 110.8

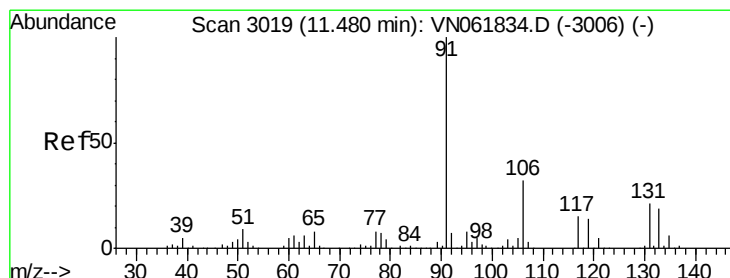
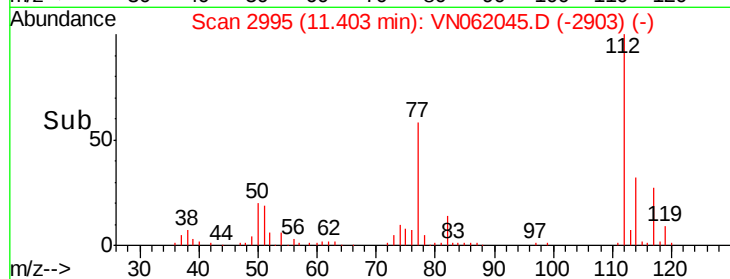
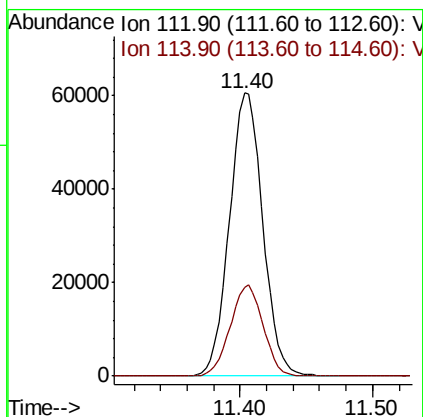
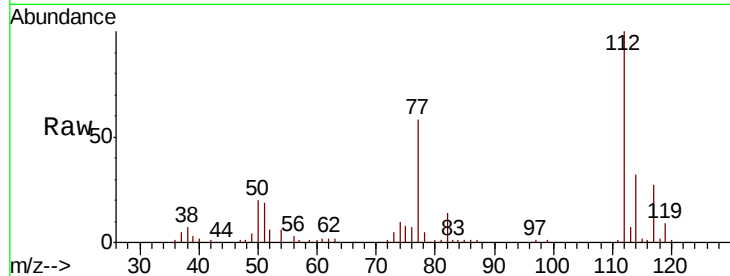




#65
Chlorobenzene
Concen: 19.558 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN062045.D
Acq: 23 Jun 2020 16:36

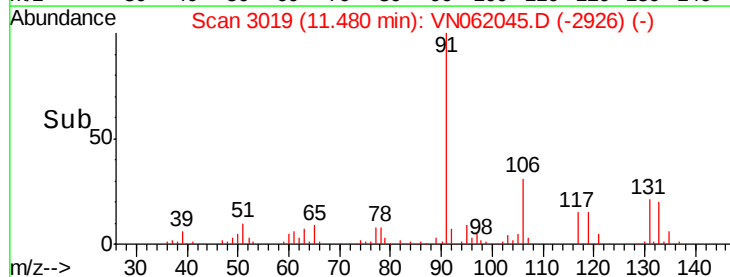
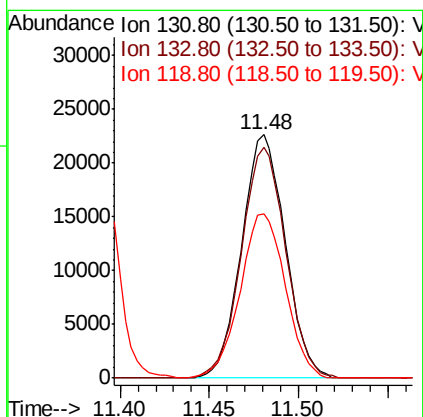
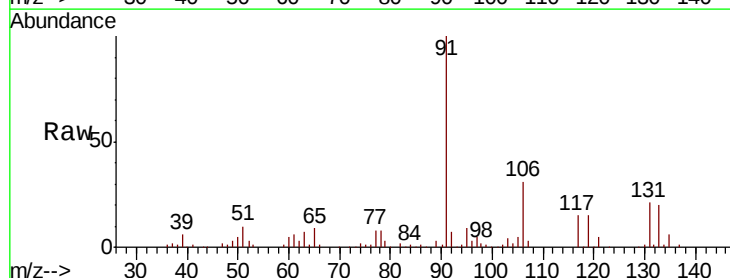
Instrument :
MSVOA_N
ClientSampleId :
VN0623WBSD01

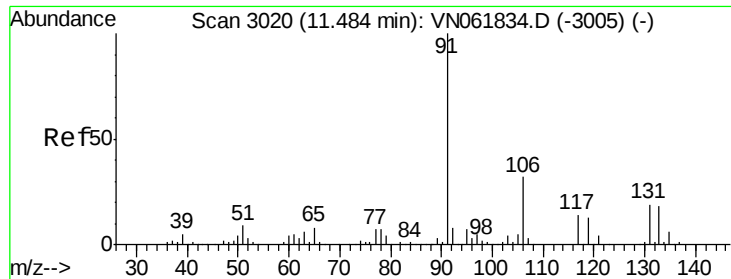
Tot Ion:112 Resp: 105681
Ion Ratio Lower Upper
112 100
114 31.6 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.543 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062045.D
Acq: 23 Jun 2020 16:36

Tgt Ion:131 Resp: 38714
Ion Ratio Lower Upper
131 100
133 96.5 47.5 142.5
119 69.9 34.0 101.8

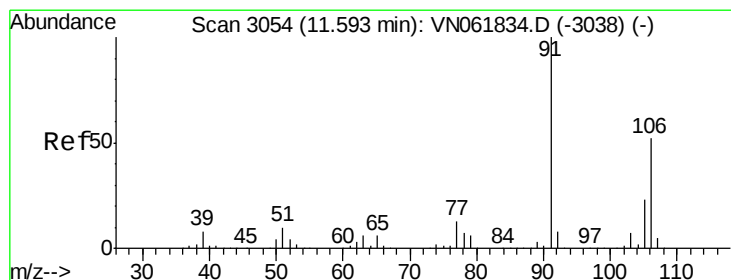
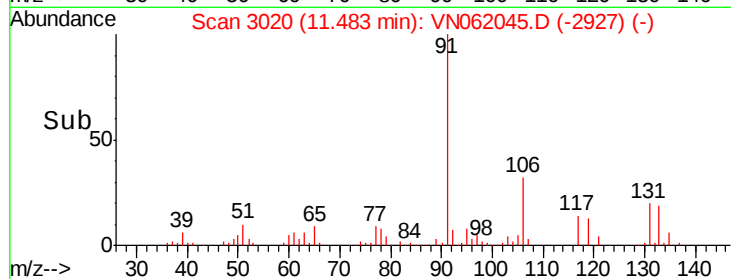
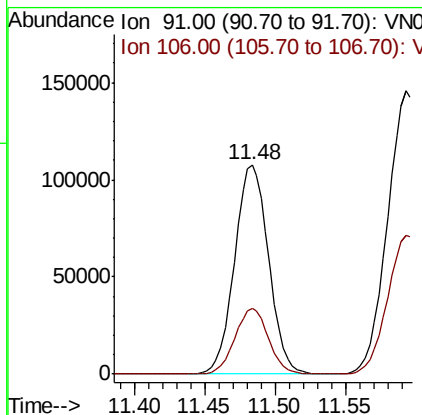
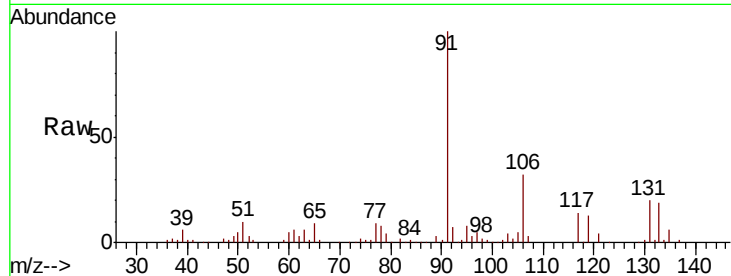




#67
Ethyl Benzene
Concen: 20.100 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062045.D
Acq: 23 Jun 2020 16:36

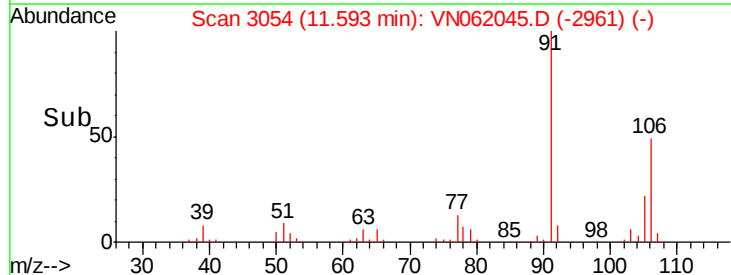
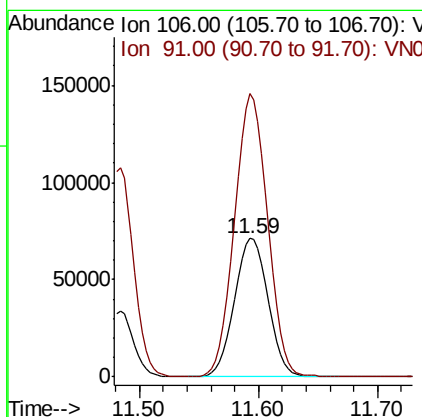
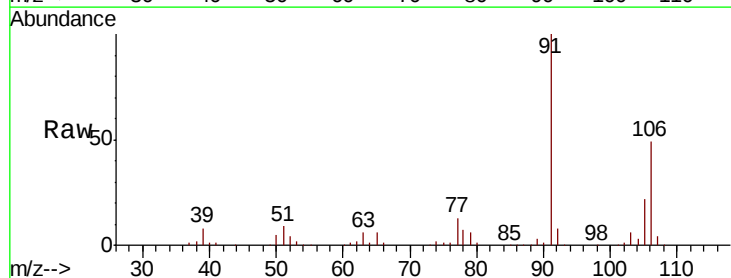
Instrument :
MSVOA_N
ClientSampled :
VN0623WBSD01

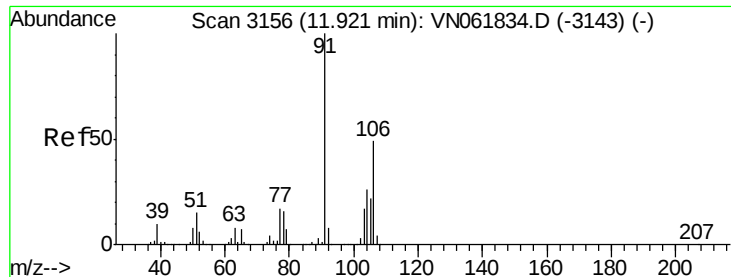
Tot Ion: 91 Resp: 182096
Ion Ratio Lower Upper
91 100
106 31.6 25.4 38.2



#68
m/p-Xylenes
Concen: 39.964 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN062045.D
Acq: 23 Jun 2020 16:36

Tgt Ion: 106 Resp: 139606
Ion Ratio Lower Upper
106 100
91 200.6 157.0 235.6

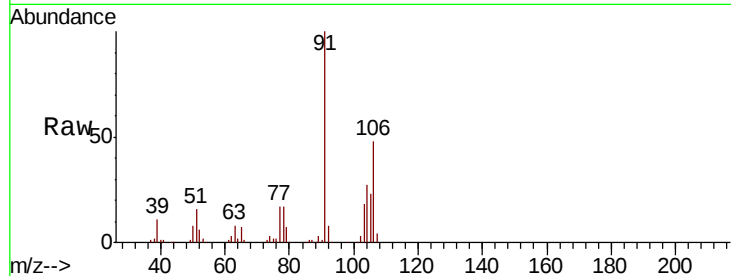




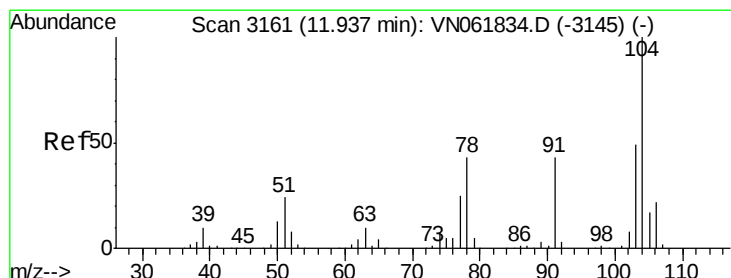
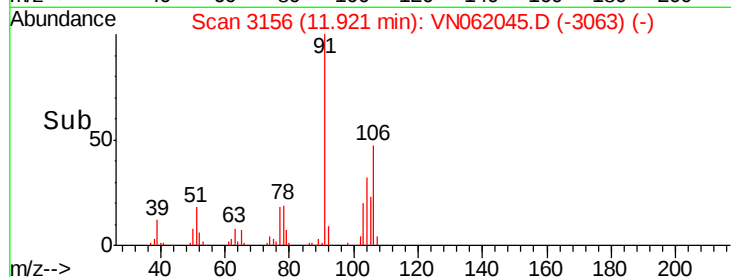
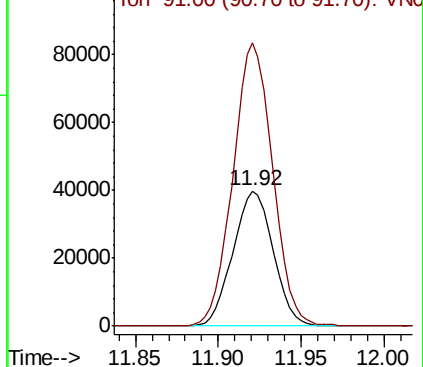
#69
o-Xylene
Concen: 20.173 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062045.D
Acq: 23 Jun 2020 16:36

Instrument :
MSVOA_N
ClientSampleId :
VN0623WBSD01

Tot Ion:106 Resp: 67239
Ion Ratio Lower Upper
106 100
91 207.2 103.0 308.9

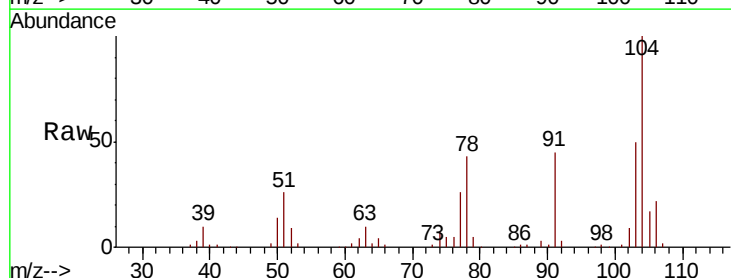


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

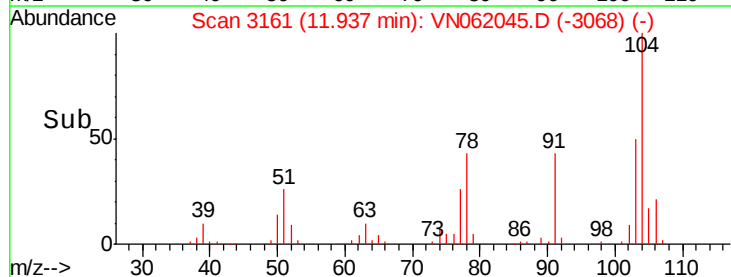
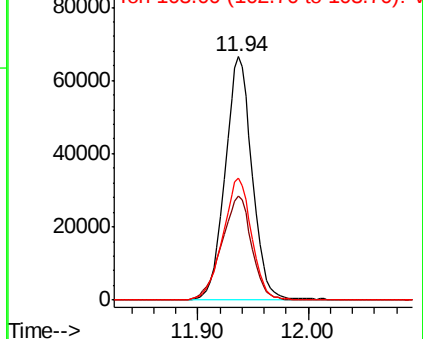


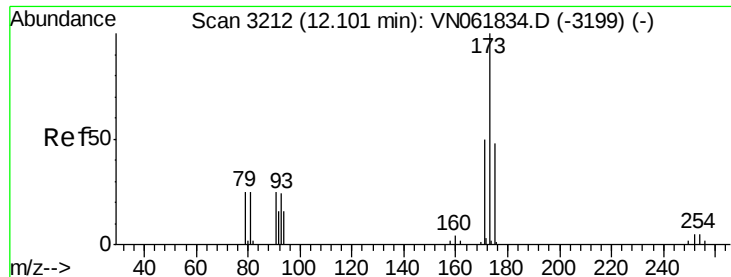
#70
Styrene
Concen: 20.160 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062045.D
Acq: 23 Jun 2020 16:36

Tgt Ion:104 Resp: 112512
Ion Ratio Lower Upper
104 100
78 47.3 37.6 56.4
103 53.5 43.0 64.4



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 20.351 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062045.D

Acq: 23 Jun 2020 16:36

Instrument :

MSVOA_N

ClientSampleId :

VN0623WBSD01

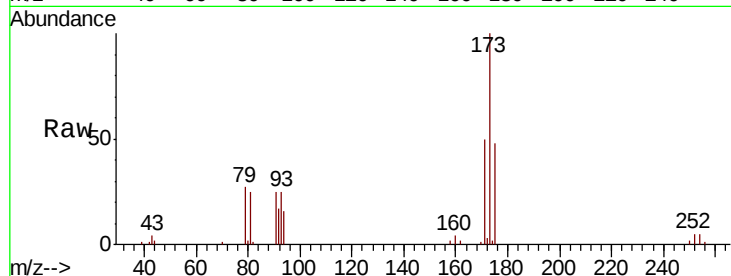
Tot Ion:173 Resp: 27964

Ion Ratio Lower Upper

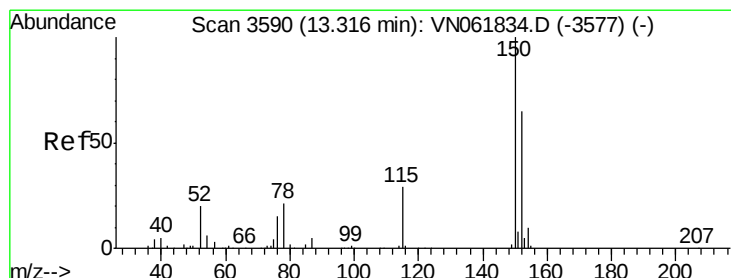
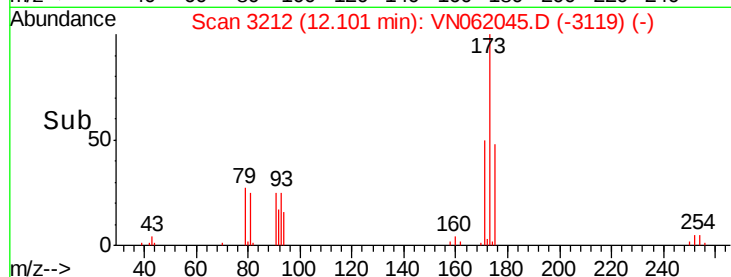
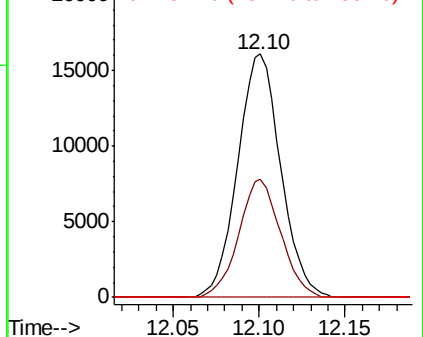
173 100

175 47.1 23.9 71.7

254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3590

Delta R.T. -0.00 min

Lab File: VN062045.D

Acq: 23 Jun 2020 16:36

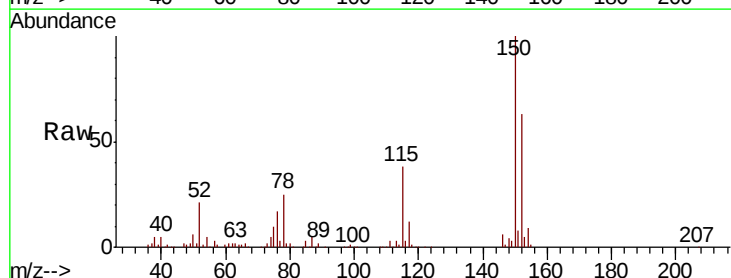
Tgt Ion:152 Resp: 118129

Ion Ratio Lower Upper

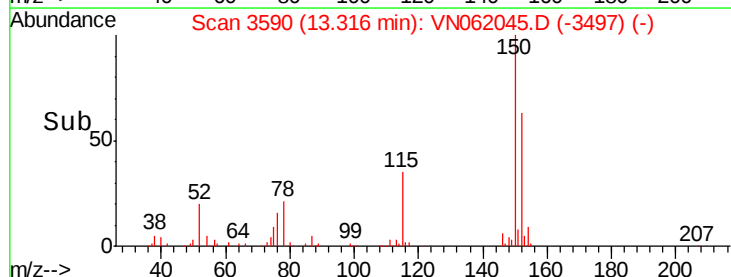
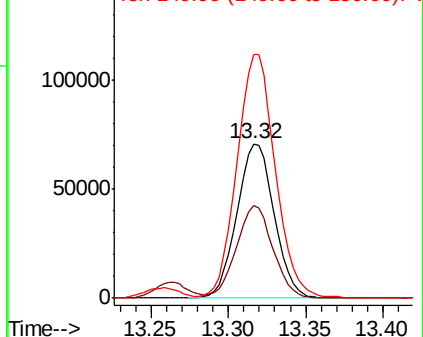
152 100

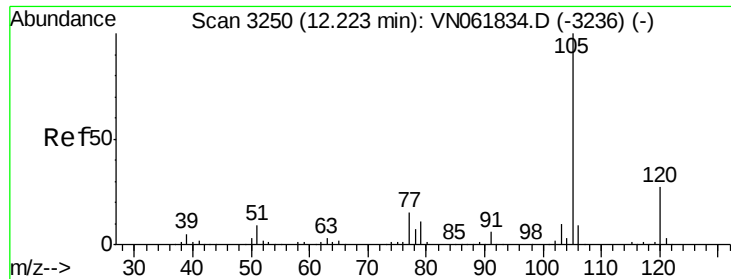
115 59.0 29.1 87.3

150 163.1 0.0 347.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.094 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062045.D

Acq: 23 Jun 2020 16:36

Instrument :

MSVOA_N

ClientSampleId :

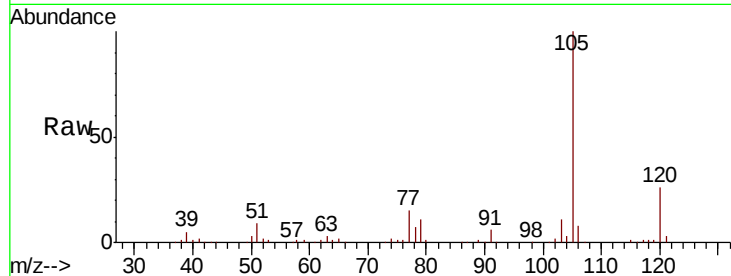
VN0623WBSD01

Tot Ion:105 Resp: 177075

Ion Ratio Lower Upper

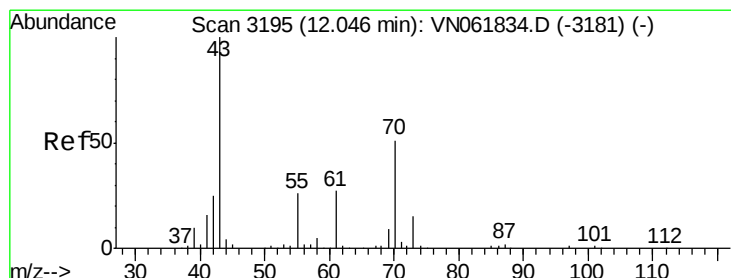
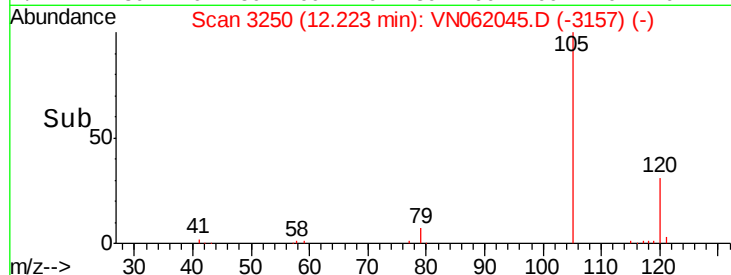
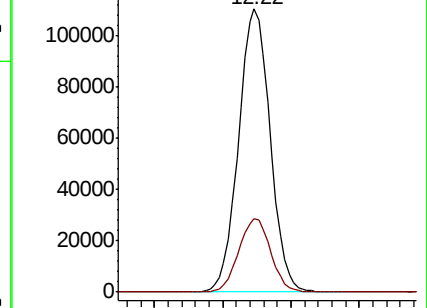
105 100

120 26.2 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.894 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN062045.D

Acq: 23 Jun 2020 16:36

Tgt Ion: 43 Resp: 60979

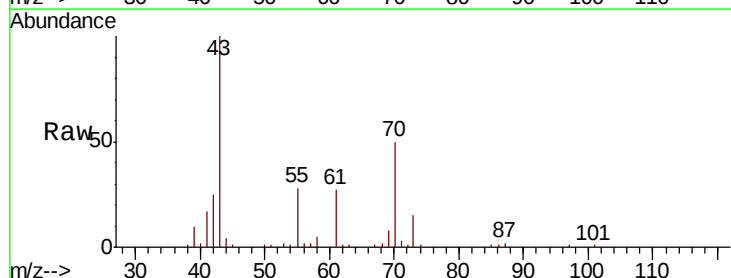
Ion Ratio Lower Upper

43 100

70 48.4 40.6 60.8

55 27.5 21.5 32.3

61 26.2 21.6 32.4

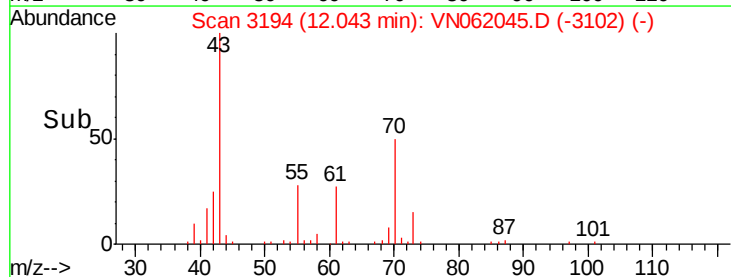
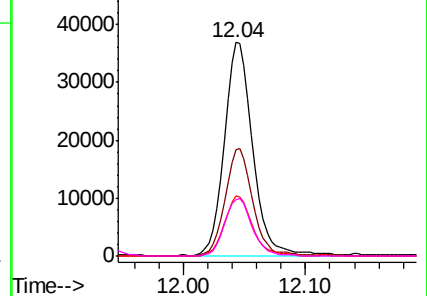


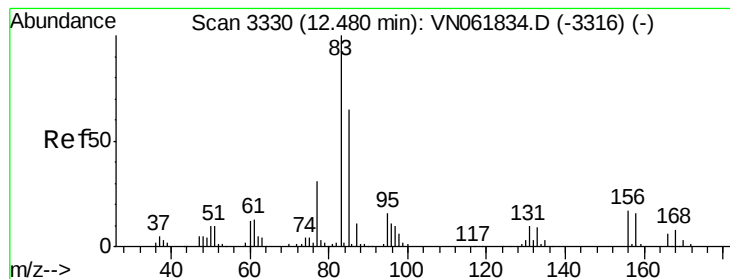
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 22.133 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN062045.D

Acq: 23 Jun 2020 16:36

Instrument :

MSVOA_N

ClientSampleId :

VN0623WBSD01

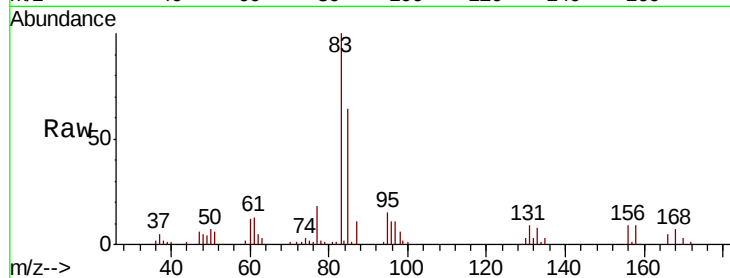
Tot Ion: 83 Resp: 60405

Ion Ratio Lower Upper

83 100

131 9.9 5.0 15.0

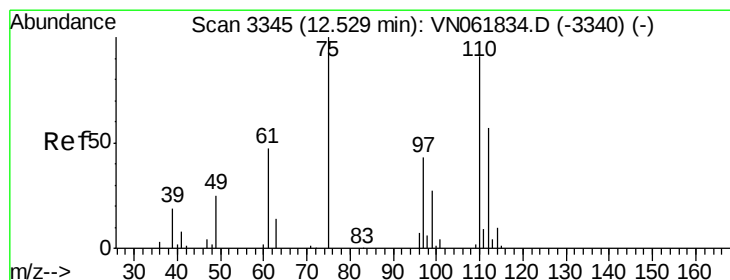
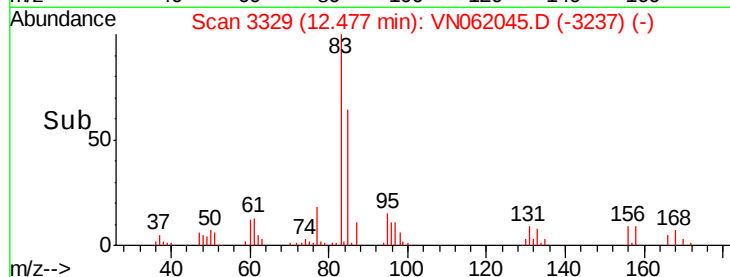
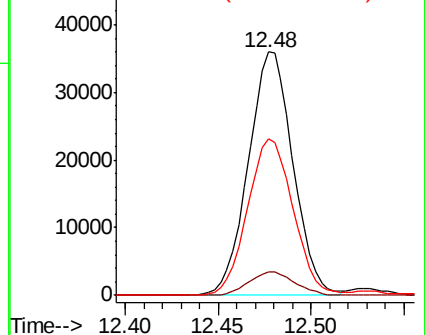
85 65.5 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VN061834.D (-3316) (-)

Ion 130.80 (130.50 to 131.50): VN061834.D (-3316) (-)

Ion 84.90 (84.60 to 85.60): VN061834.D (-3316) (-)



#76

1,2,3-Trichloropropane

Concen: 31.850 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062045.D

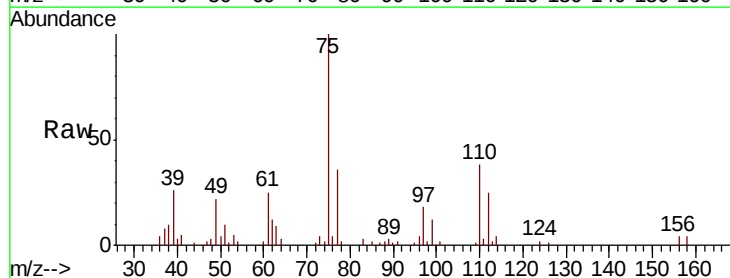
Acq: 23 Jun 2020 16:36

Tgt Ion: 75 Resp: 73865

Ion Ratio Lower Upper

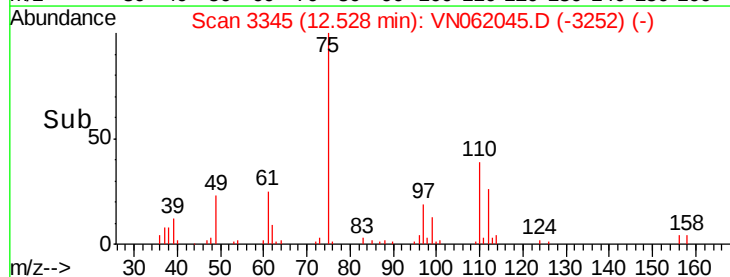
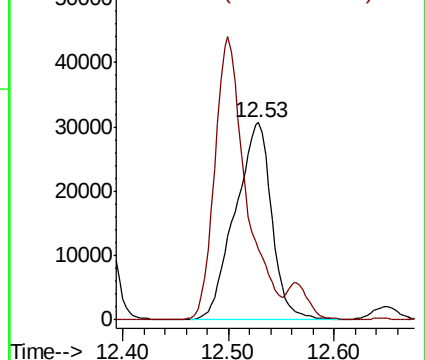
75 100

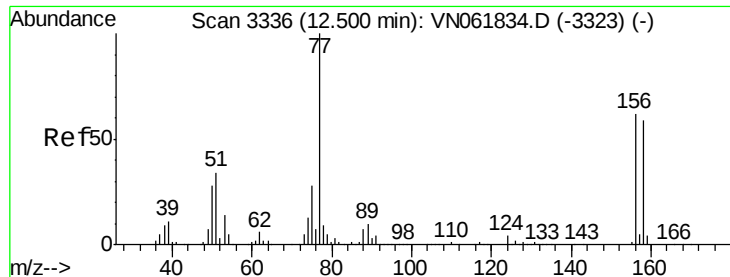
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN061834.D (-3340) (-)

Ion 77.00 (76.70 to 77.70): VN061834.D (-3340) (-)





#77

Bromobenzene

Concen: 20.546 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062045.D

Acq: 23 Jun 2020 16:36

Instrument :

MSVOA_N

ClientSampleId :

VN0623WBSD01

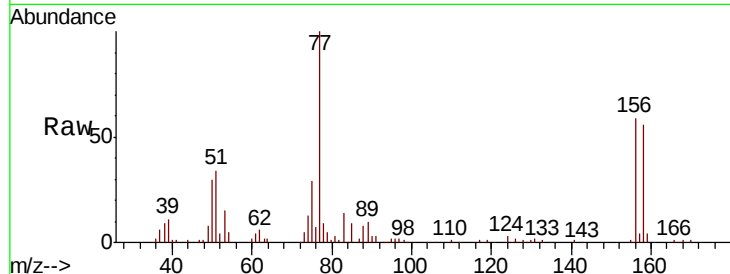
Tot Ion:156 Resp: 43512

Ion Ratio Lower Upper

156 100

77 208.4 100.7 302.1

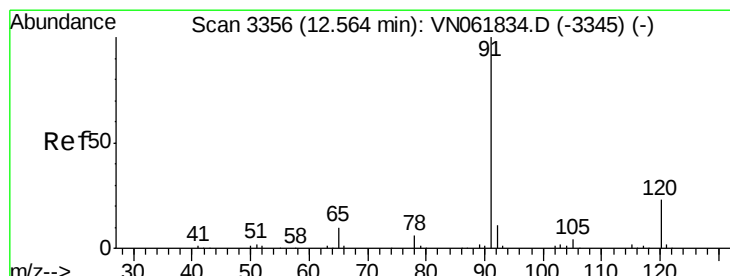
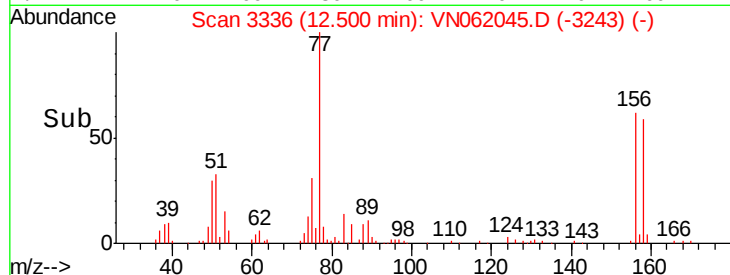
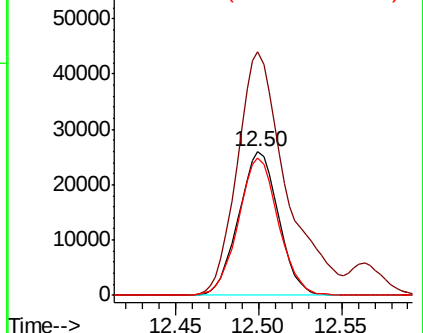
158 95.9 48.5 145.5



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.041 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. -0.00 min

Lab File: VN062045.D

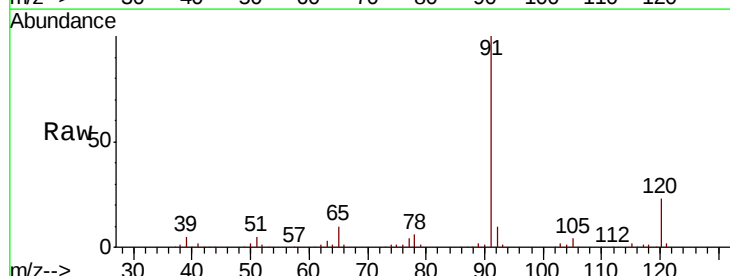
Acq: 23 Jun 2020 16:36

Tgt Ion: 91 Resp: 201539

Ion Ratio Lower Upper

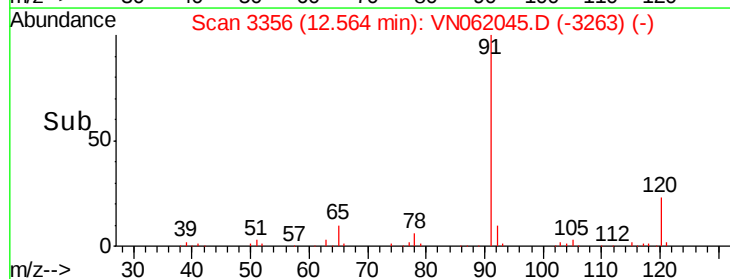
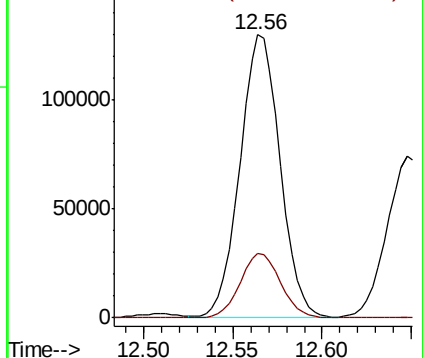
91 100

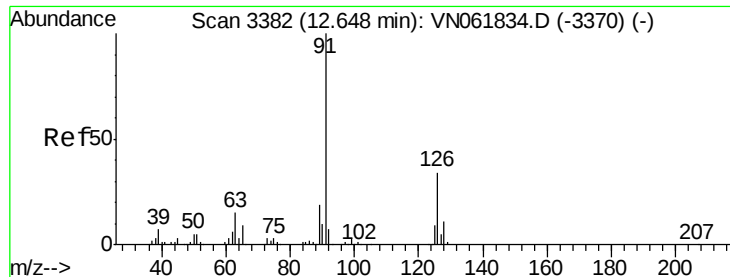
120 23.0 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.192 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN062045.D

Acq: 23 Jun 2020 16:36

Instrument :

MSVOA_N

ClientSampled :

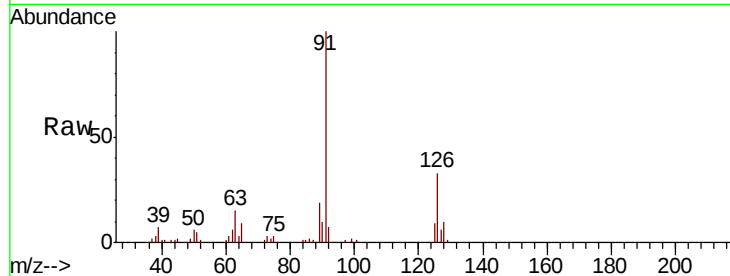
VN0623WBSD01

Tot Ion: 91 Resp: 121913

Ion Ratio Lower Upper

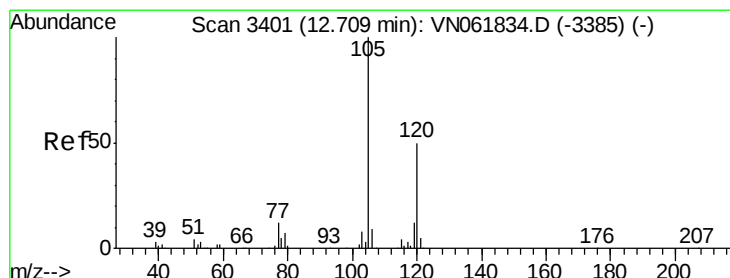
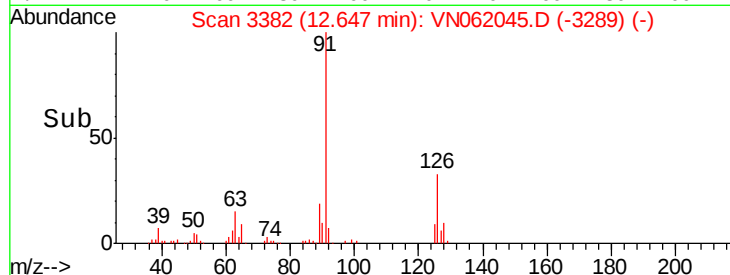
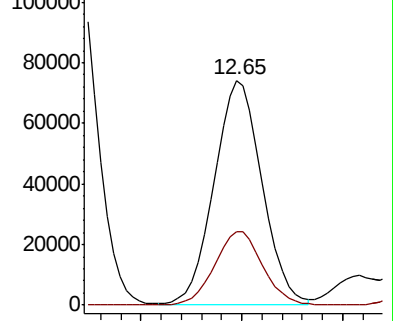
91 100

126 33.2 17.3 51.7



Abundance Ion 91.00 (90.70 to 91.70): VN061834.D (-3370) (-)

Ion 125.90 (125.60 to 126.60): VN061834.D (-3370) (-)



#80

1,3,5-Trimethylbenzene

Concen: 21.048 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062045.D

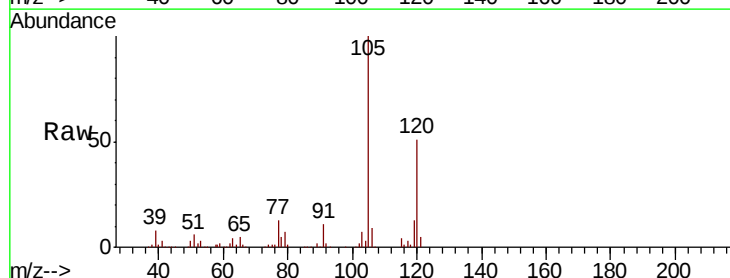
Acq: 23 Jun 2020 16:36

Tgt Ion:105 Resp: 146174

Ion Ratio Lower Upper

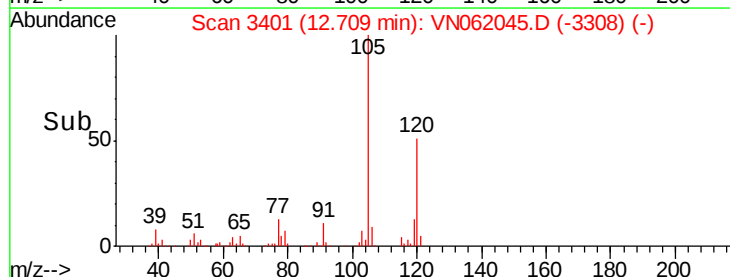
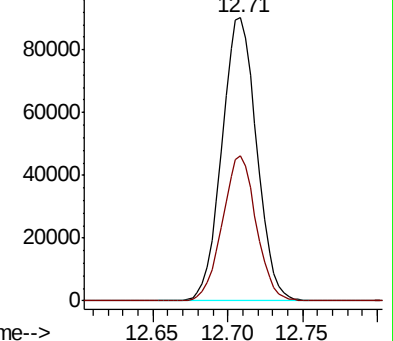
105 100

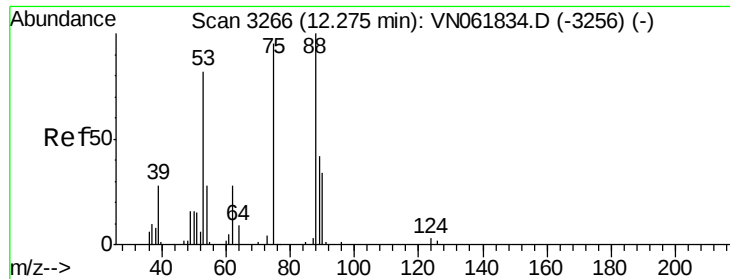
120 49.7 24.9 74.7



Abundance Ion 105.00 (104.70 to 105.70): VN061834.D (-3385) (-)

Ion 120.00 (119.70 to 120.70): VN061834.D (-3385) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 21.318 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062045.D

Acq: 23 Jun 2020 16:36

Instrument :

MSVOA_N

ClientSampleId :

VN0623WBSD01

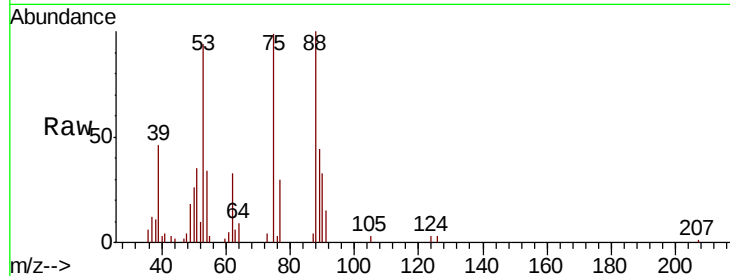
Tot Ion: 75 Resp: 18127

Ion Ratio Lower Upper

75 100

53 92.4 70.4 105.6

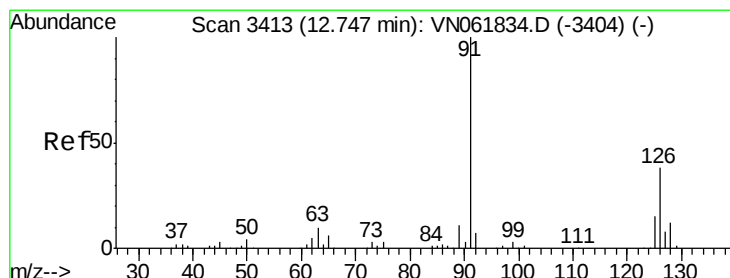
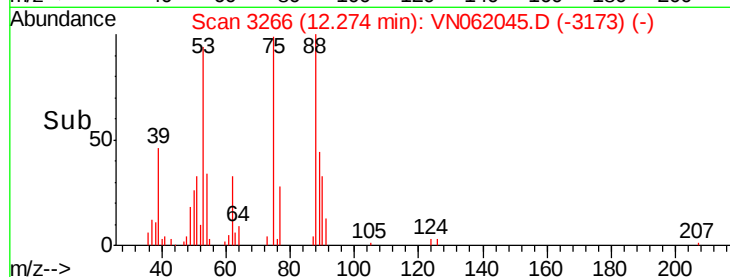
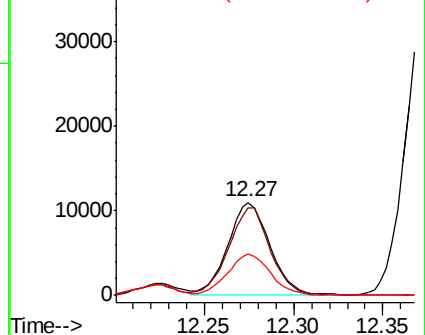
89 44.8 36.0 54.0



Abundance Ion 74.90 (74.60 to 75.60): VN061834.D (-3256) (-)

Ion 53.00 (52.70 to 53.70): VN061834.D (-3256) (-)

Ion 88.90 (88.60 to 89.60): VN061834.D (-3256) (-)



#82

4-Chlorotoluene

Concen: 20.705 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062045.D

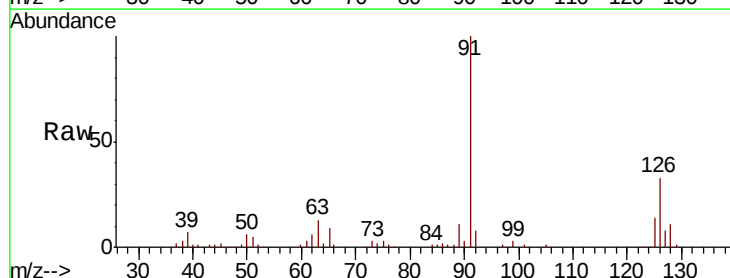
Acq: 23 Jun 2020 16:36

Tgt Ion: 91 Resp: 123075

Ion Ratio Lower Upper

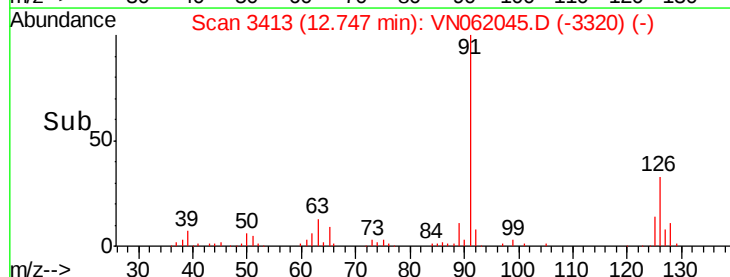
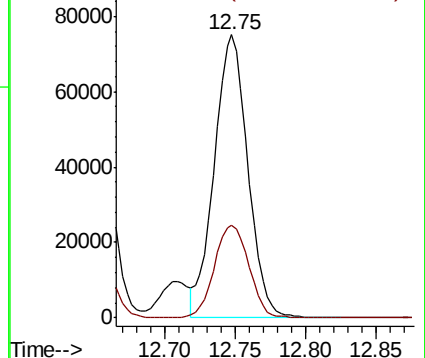
91 100

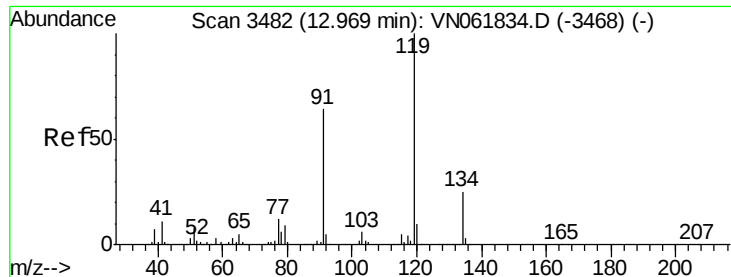
126 34.1 17.2 51.6



Abundance Ion 91.00 (90.70 to 91.70): VN061834.D (-3404) (-)

Ion 125.90 (125.60 to 126.60): VN061834.D (-3404) (-)

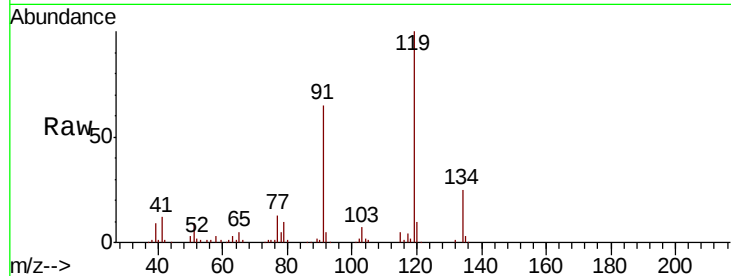




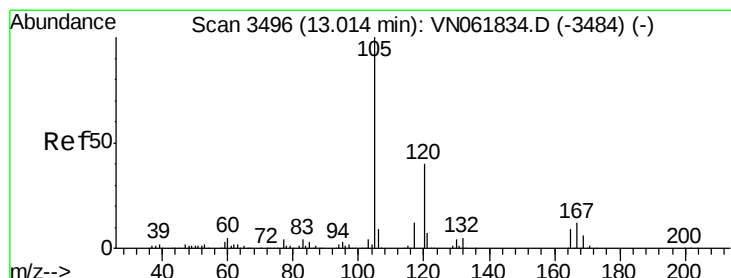
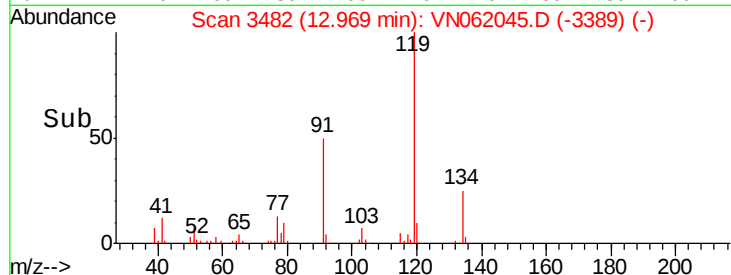
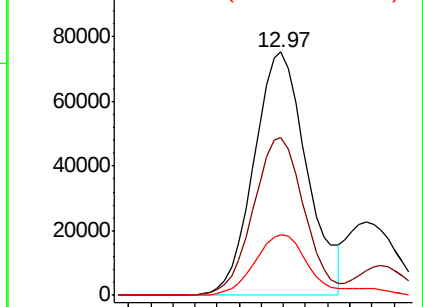
#83
tert-Butylbenzene
Concen: 21.269 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. -0.00 min
Lab File: VN062045.D
Acq: 23 Jun 2020 16:36

Instrument :
MSVOA_N
ClientSampleId :
VN0623WBSD01

Tot Ion:119 Resp: 125226
Ion Ratio Lower Upper
119 100
91 62.2 31.5 94.5
134 24.9 13.3 39.9

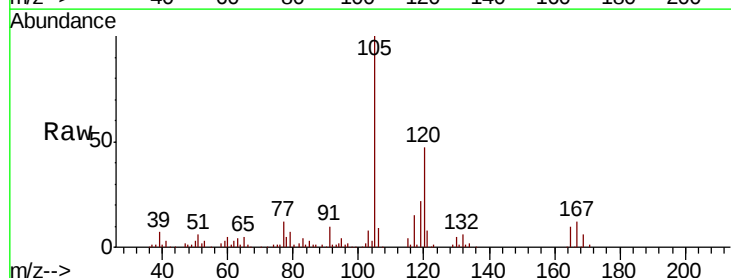


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

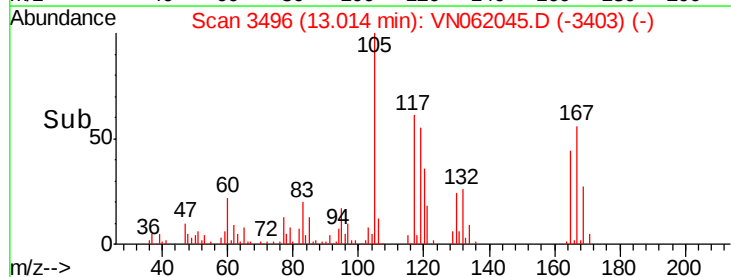
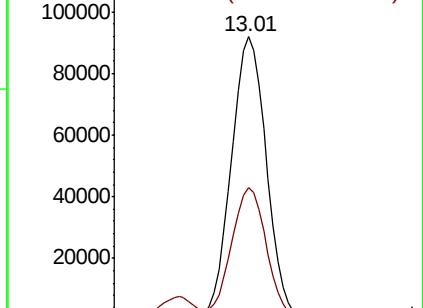


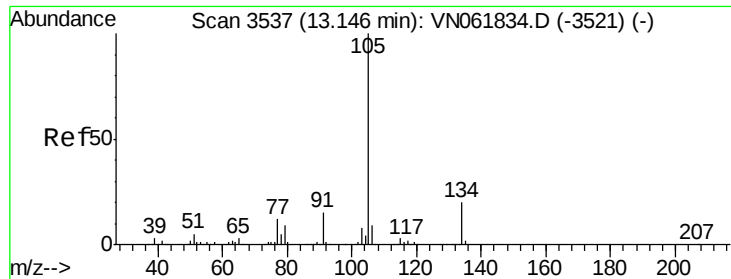
#84
1,2,4-Trimethylbenzene
Concen: 21.204 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. -0.00 min
Lab File: VN062045.D
Acq: 23 Jun 2020 16:36

Tgt Ion:105 Resp: 145364
Ion Ratio Lower Upper
105 100
120 47.3 23.3 69.9



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

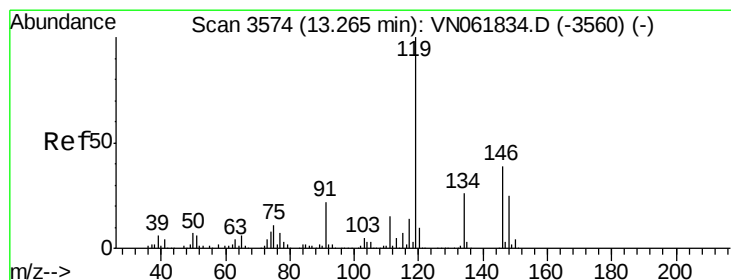
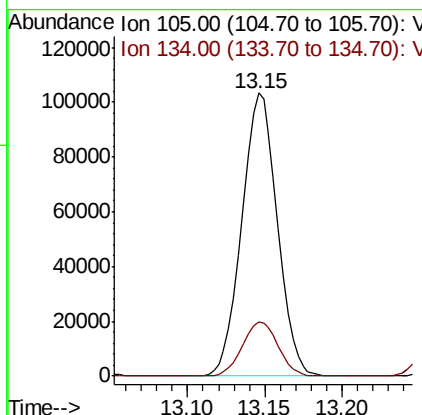
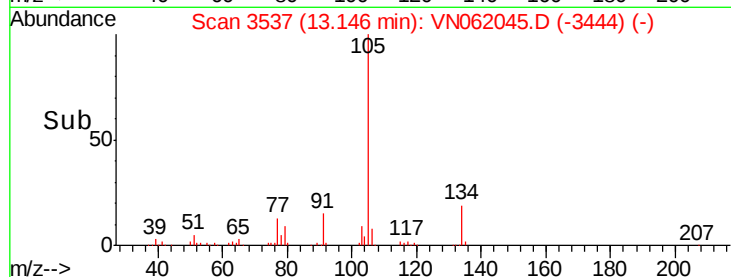
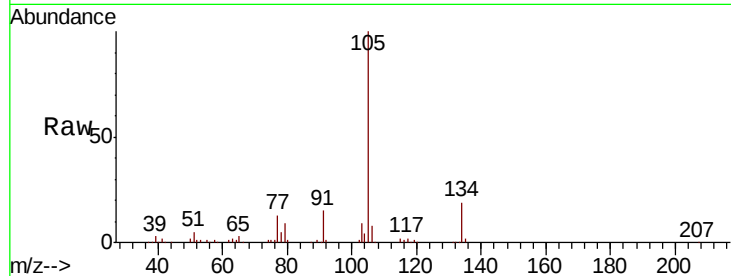




#85
 sec-Butylbenzene
 Concen: 21.382 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. -0.00 min
 Lab File: VN062045.D
 Acq: 23 Jun 2020 16:36

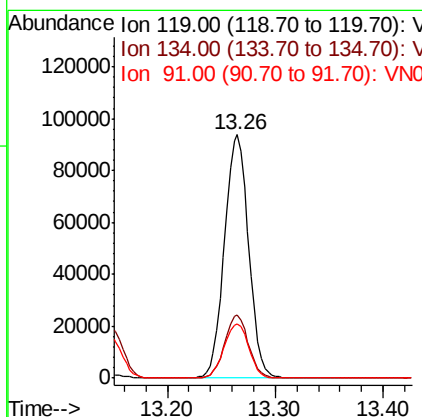
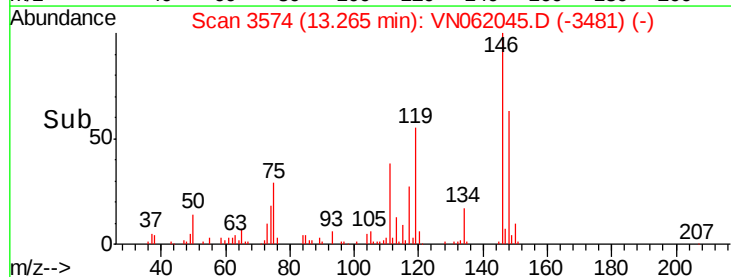
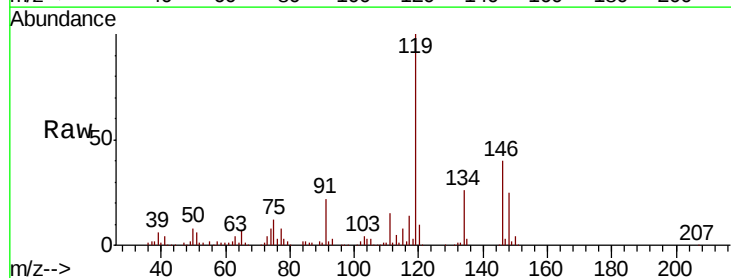
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0623WBSD01

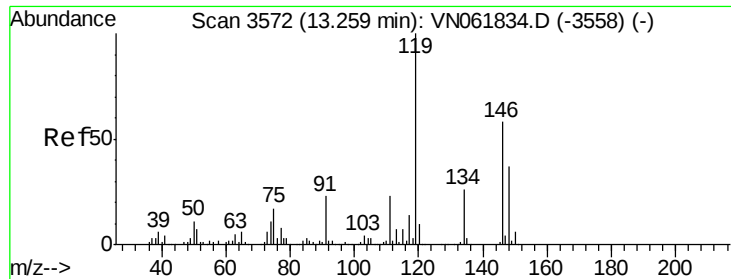
Tot Ion:105 Resp: 164772
 Ion Ratio Lower Upper
 105 100
 134 19.4 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 21.285 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: VN062045.D
 Acq: 23 Jun 2020 16:36

Tgt Ion:119 Resp: 146163
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.3 39.9
 91 22.9 11.2 33.6





#87

1,3-Dichlorobenzene

Concen: 19.828 ug/l

RT: 13.26 min Scan# 3572

Delta R.T. -0.00 min

Lab File: VN062045.D

Acq: 23 Jun 2020 16:36

Instrument :

MSVOA_N

ClientSampleId :

VN0623WBSD01

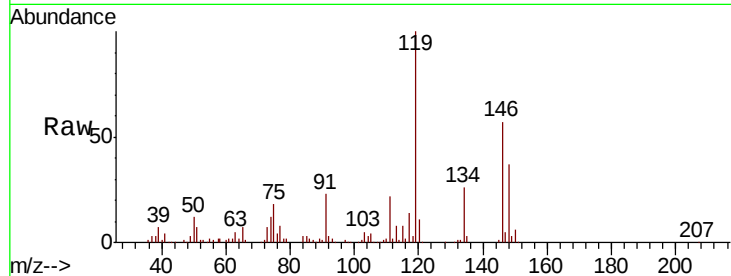
Tot Ion:146 Resp: 76588

Ion Ratio Lower Upper

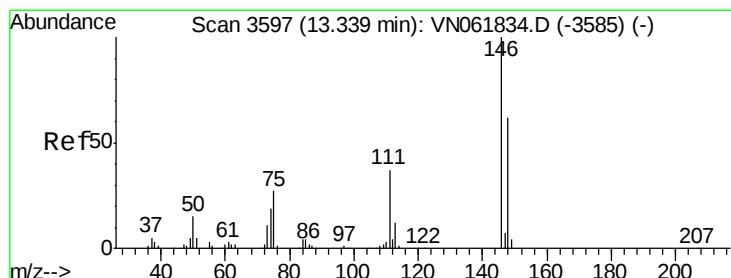
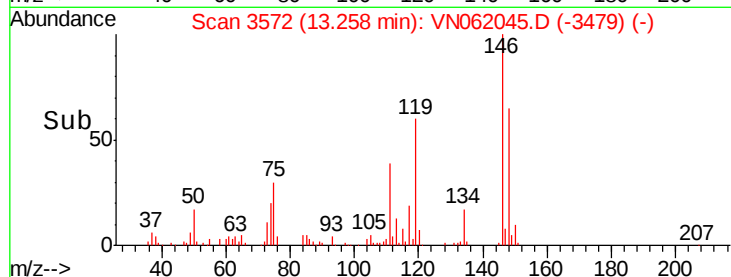
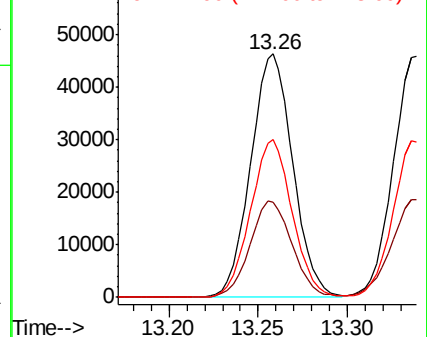
146 100

111 39.7 19.6 58.8

148 64.1 31.8 95.4



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 19.197 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN062045.D

Acq: 23 Jun 2020 16:36

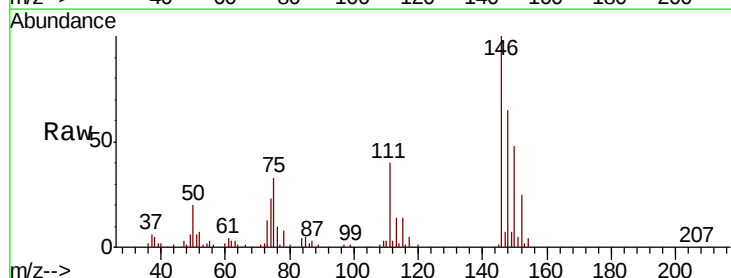
Tgt Ion:146 Resp: 75901

Ion Ratio Lower Upper

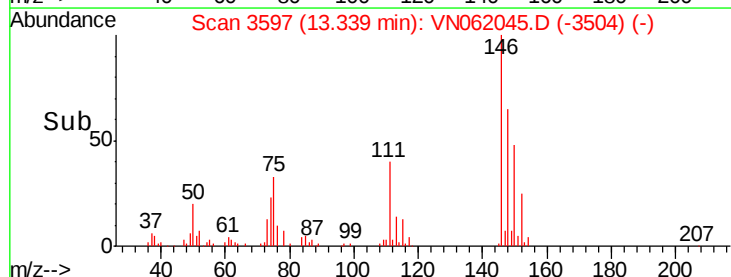
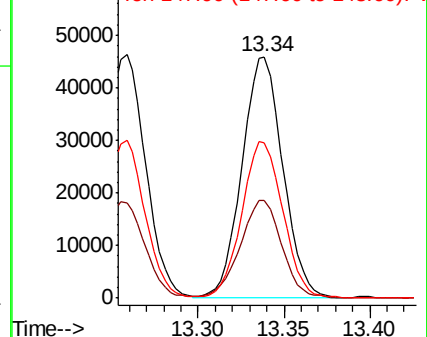
146 100

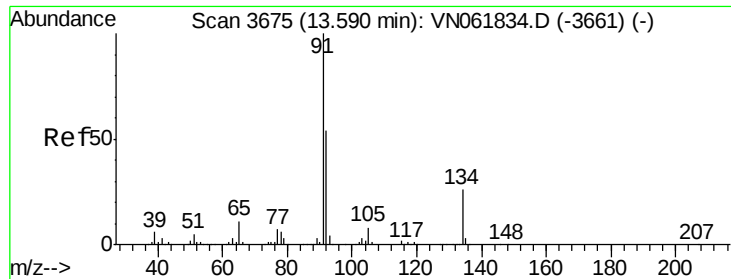
111 41.3 19.3 57.8

148 65.1 31.6 94.7



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

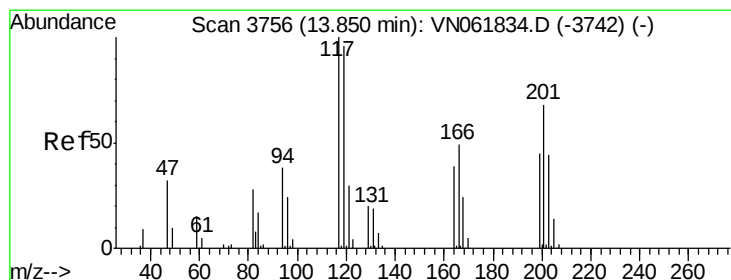
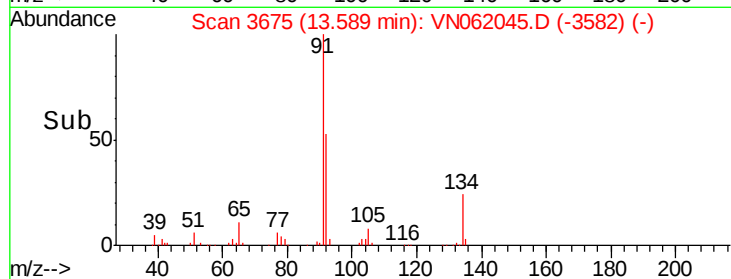
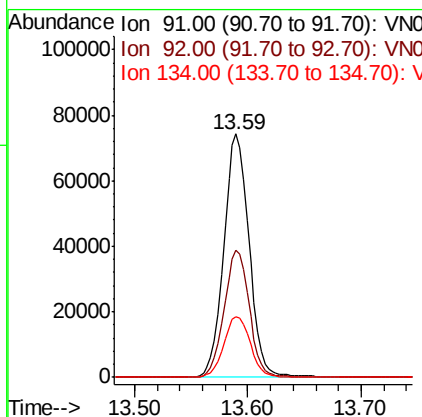
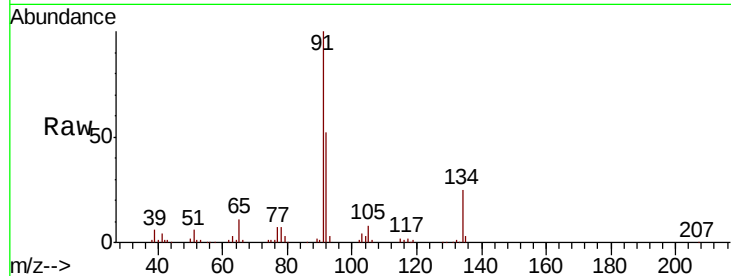




#89
n-Butylbenzene
Concen: 20.139 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062045.D
Acq: 23 Jun 2020 16:36

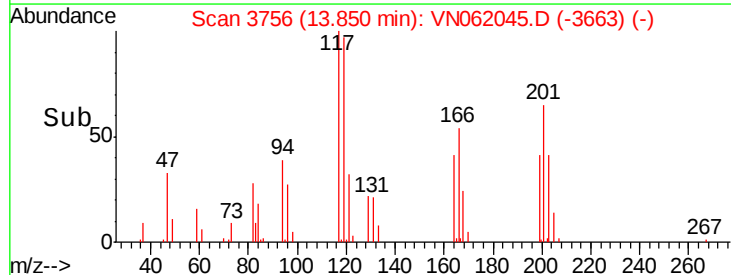
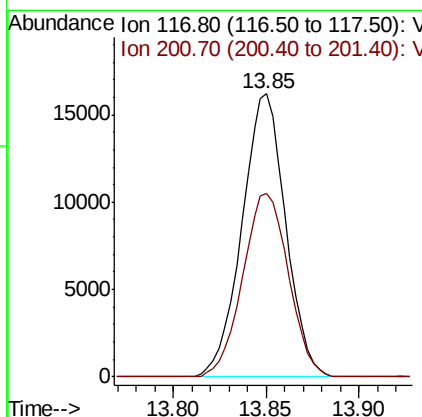
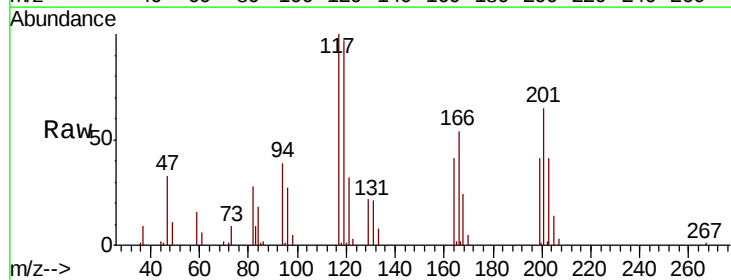
Instrument :
MSVOA_N
ClientSampleId :
VN0623WBSD01

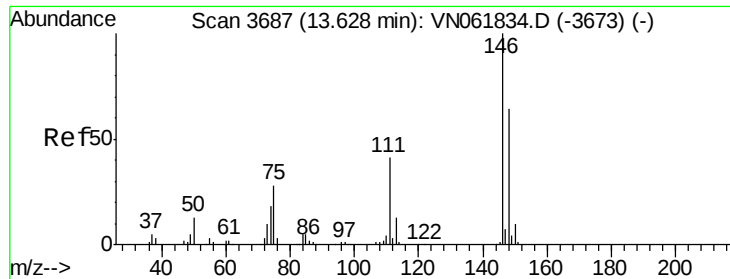
Tot Ion: 91 Resp: 115495
Ion Ratio Lower Upper
91 100
92 52.1 27.0 80.8
134 26.0 13.0 39.0



#90
Hexachloroethane
Concen: 21.158 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN062045.D
Acq: 23 Jun 2020 16:36

Tgt Ion: 117 Resp: 26595
Ion Ratio Lower Upper
117 100
201 67.8 34.6 103.8

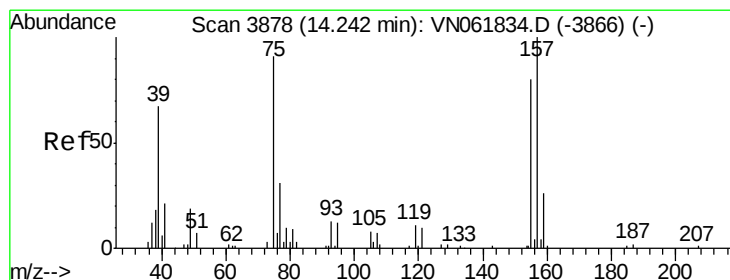
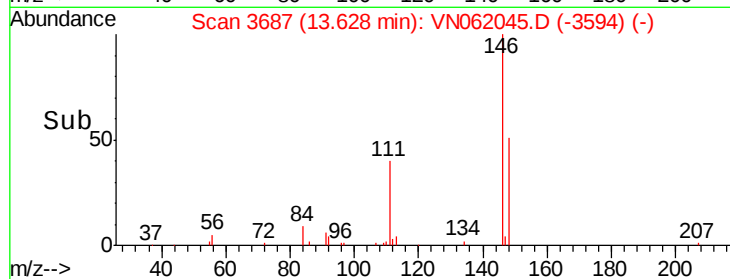
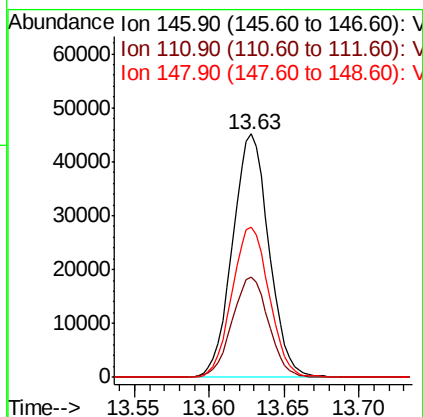
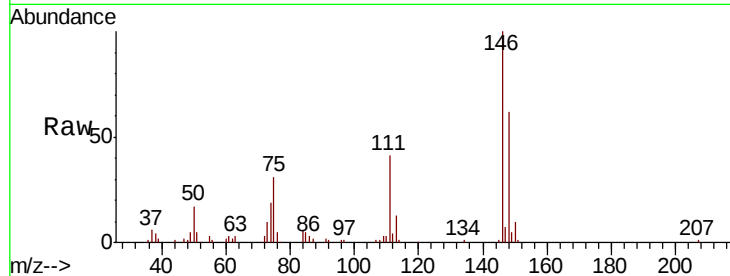




#91
 1,2-Dichlorobenzene
 Concen: 20.547 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062045.D
 Acq: 23 Jun 2020 16:36

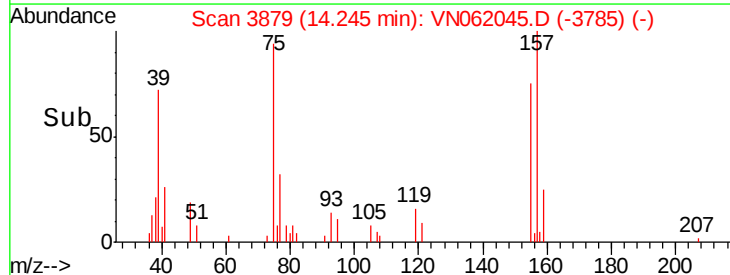
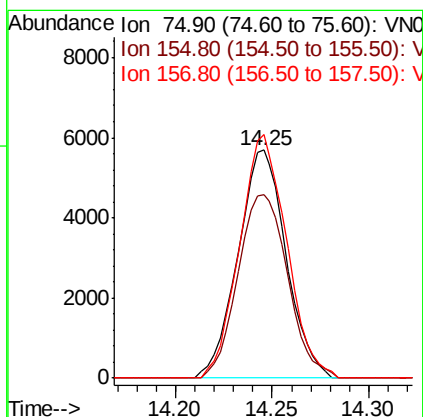
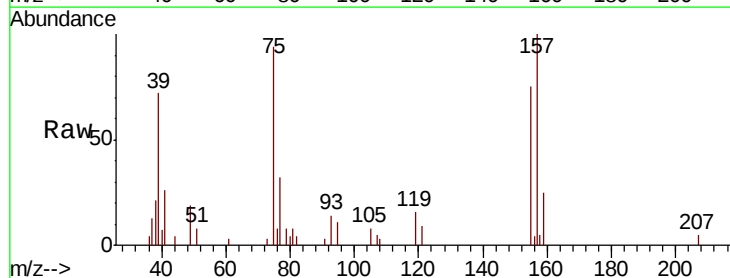
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0623WBSD01

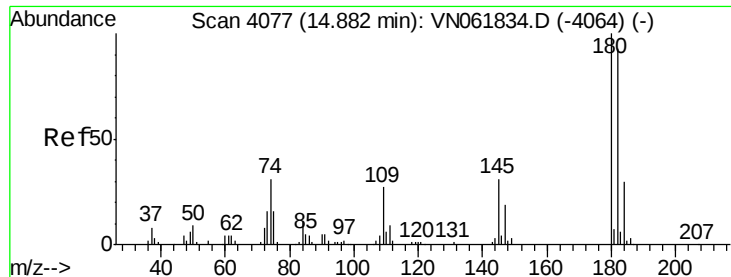
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.4	61.2
148	63.1	31.8	95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.256 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. 0.00 min
 Lab File: VN062045.D
 Acq: 23 Jun 2020 16:36

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.0	44.4	133.2
157	103.7	57.0	171.2

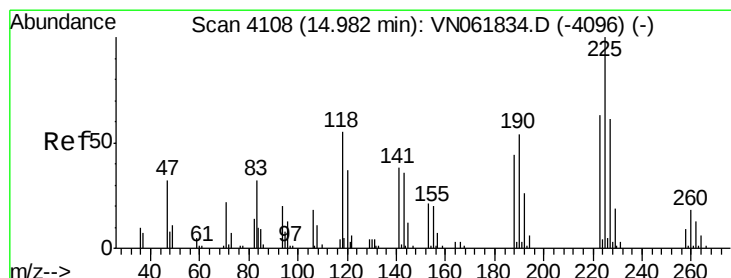
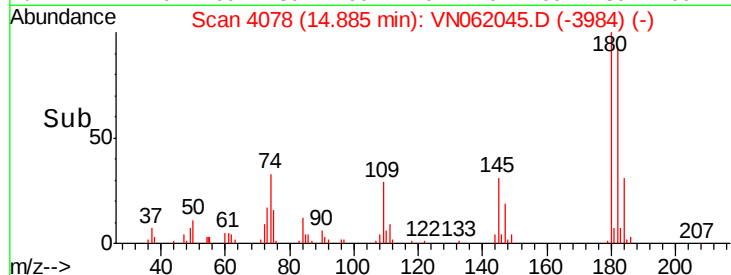
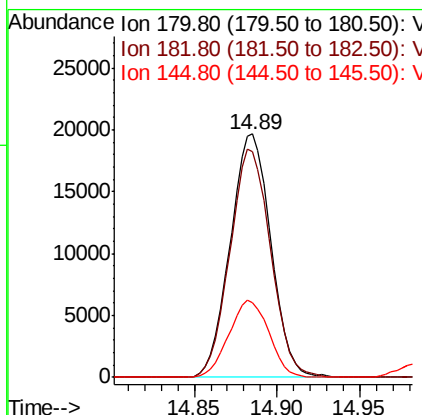
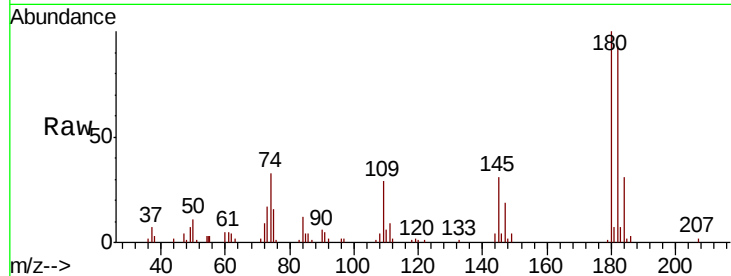




#93
 1,2,4-Trichlorobenzene
 Concen: 19.104 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN062045.D
 Acq: 23 Jun 2020 16:36

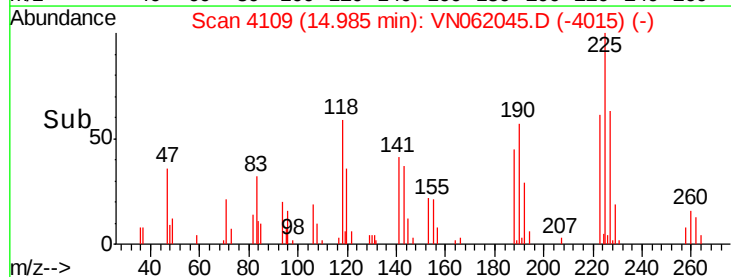
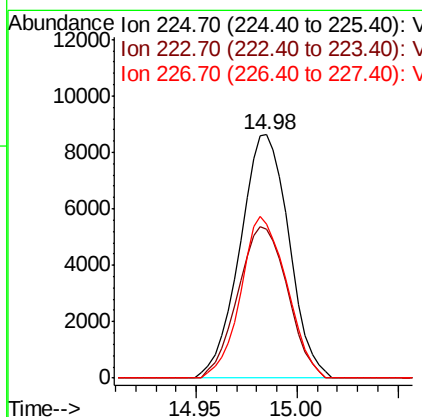
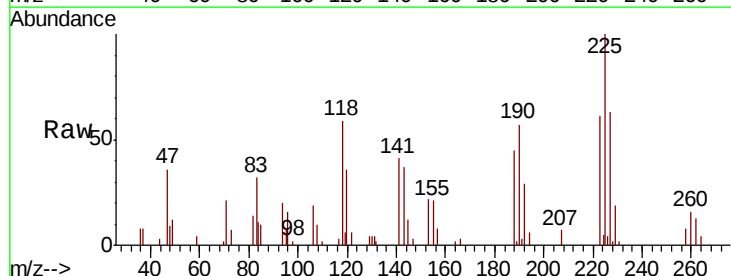
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0623WBSD01

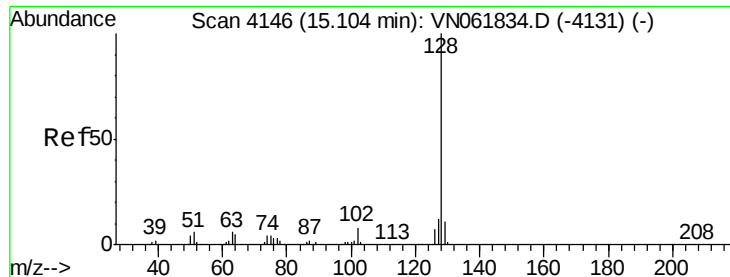
Tot Ion:180 Resp: 33522
 Ion Ratio Lower Upper
 180 100
 182 93.8 47.0 141.2
 145 31.1 15.8 47.3



#94
 Hexachlorobutadiene
 Concen: 21.232 ug/l
 RT: 14.98 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN062045.D
 Acq: 23 Jun 2020 16:36

Tgt Ion:225 Resp: 14673
 Ion Ratio Lower Upper
 225 100
 223 63.0 31.7 95.1
 227 62.2 30.1 90.3

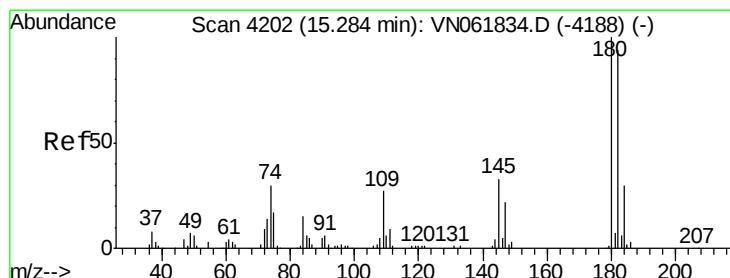
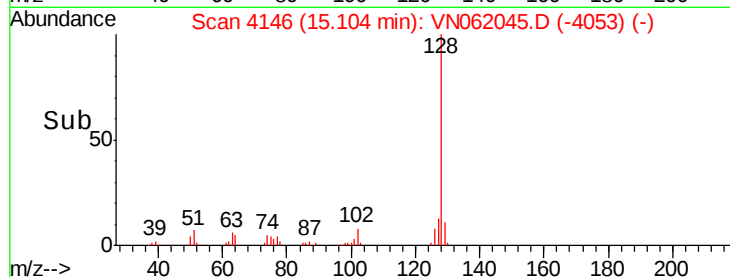
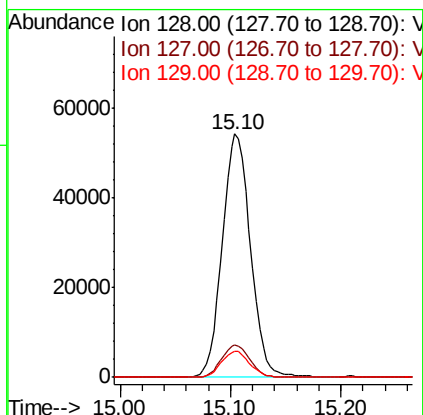
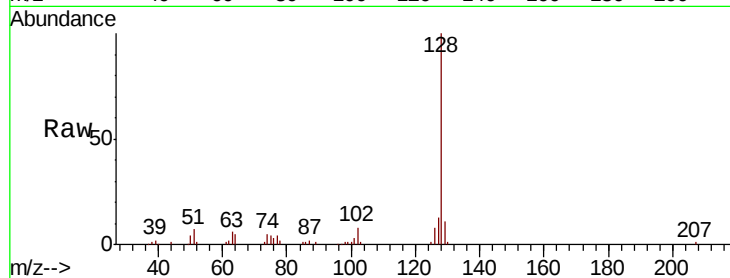




#95
Naphthalene
Concen: 18.756 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. -0.00 min
Lab File: VN062045.D
Acq: 23 Jun 2020 16:36

Instrument :
MSVOA_N
ClientSampleId :
VN0623WBSD01

Tot Ion:128 Resp: 96464
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 10.7 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 19.672 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN062045.D
Acq: 23 Jun 2020 16:36

Tgt Ion:180 Resp: 34185
Ion Ratio Lower Upper
180 100
182 94.7 47.9 143.6
145 33.1 16.5 49.5

