

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062220\
 Data File : VN062001.D
 Acq On : 22 Jun 2020 15:54
 Operator : JC/MD
 Sample : VN0622WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0622WBSD01

Quant Time: Jun 23 05:17:15 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	7.63	168	156255	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	277446	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	260768	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	122182	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	111566	53.24	ug/l	0.00
Spiked Amount			Recovery	=	106.48%	
35) Dibromofluoromethane	7.55	113	92394	52.05	ug/l	0.00
Spiked Amount			Recovery	=	104.10%	
50) Toluene-d8	10.06	98	355493	50.94	ug/l	0.00
Spiked Amount			Recovery	=	101.88%	
62) 4-Bromofluorobenzene	12.38	95	120962	50.54	ug/l	0.00
Spiked Amount			Recovery	=	101.08%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	39320	19.519	ug/l	100
3) Chloromethane	2.03	50	42270	19.489	ug/l	98
4) Vinyl Chloride	2.16	62	51534	19.931	ug/l	98
5) Bromomethane	2.53	94	36683	18.475	ug/l	97
6) Chloroethane	2.67	64	35072	20.042	ug/l	99
7) Trichlorofluoromethane	2.98	101	64209	20.790	ug/l	95
8) Diethyl Ether	3.37	74	22693	21.856	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.72	101	35045	22.118	ug/l	96
10) Methyl Iodide	3.91	142	38477	23.299	ug/l	100
11) Tert butyl alcohol	4.73	59	33626	115.956	ug/l	100
12) 1,1-Dichloroethene	3.70	96	32374	20.391	ug/l	98
13) Acrolein	3.57	56	18224	105.147	ug/l	96
14) Allyl chloride	4.28	41	45340	21.518	ug/l	98
15) Acrylonitrile	4.93	53	86824	120.833	ug/l	99
16) Acetone	3.78	43	72649	117.364	ug/l	96
17) Carbon Disulfide	4.00	76	76828	16.539	ug/l	100
18) Methyl Acetate	4.28	43	42439	23.814	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	118072	22.336	ug/l	98
20) Methylene Chloride	4.50	84	40897	20.279	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	36314	19.914	ug/l	99
22) Diisopropyl ether	5.90	45	108841	22.585	ug/l	97
23) Vinyl Acetate	5.84	43	419329	110.634	ug/l	98
24) 1,1-Dichloroethane	5.80	63	68697	21.776	ug/l	97
25) 2-Butanone	6.79	43	106155	117.541	ug/l	97
26) 2,2-Dichloropropane	6.78	77	57428	21.637	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	43906	20.867	ug/l	98
28) Bromochloromethane	7.15	49	32911	23.431	ug/l	94
29) Tetrahydrofuran	7.17	42	71059	119.556	ug/l	96
30) Chloroform	7.33	83	71571	21.228	ug/l	97
31) Cyclohexane	7.62	56	50867	18.419	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	60149	20.948	ug/l	98
36) 1,1-Dichloropropene	7.75	75	48130	19.019	ug/l	97
37) Ethyl Acetate	6.89	43	46031	23.293	ug/l	98
38) Carbon Tetrachloride	7.73	117	50165	20.018	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062220\
 Data File : VN062001.D
 Acq On : 22 Jun 2020 15:54
 Operator : JC/MD
 Sample : VN0622WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0622WBSD01

Quant Time: Jun 23 05:17:15 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	50446	18.513	ug/l	98
40) Benzene	8.00	78	156599	20.428	ug/l	100
41) Methacrylonitrile	7.17	41	65165	77.115	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	55916	21.392	ug/l	98
43) Isopropyl Acetate	8.13	43	72982	21.914	ug/l #	90
44) Trichloroethene	8.80	130	40597	20.123	ug/l	100
45) 1,2-Dichloropropane	9.09	63	39571	21.005	ug/l	100
46) Dibromomethane	9.18	93	28471	21.462	ug/l	96
47) Bromodichloromethane	9.37	83	57586	21.199	ug/l	99
48) Methyl methacrylate	9.17	41	32579	21.511	ug/l	97
49) 1,4-Dioxane	9.17	88	15131	435.160	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	227607	115.654	ug/l	100
52) Toluene	10.12	92	100833	20.944	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	61321	21.265	ug/l	96
54) cis-1,3-Dichloropropene	9.81	75	65514	20.917	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	42290	22.326	ug/l	97
56) Ethyl methacrylate	10.40	69	54039	20.495	ug/l	96
57) 1,3-Dichloropropane	10.68	76	71347	22.233	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	103168	103.199	ug/l	98
59) 2-Hexanone	10.72	43	161623	110.691	ug/l	99
60) Dibromochloromethane	10.87	129	44808	21.199	ug/l	100
61) 1,2-Dibromoethane	10.98	107	41155	20.807	ug/l	99
64) Tetrachloroethene	10.60	164	34759	20.913	ug/l	94
65) Chlorobenzene	11.41	112	110419	20.067	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	40063	20.877	ug/l	98
67) Ethyl Benzene	11.48	91	186277	20.191	ug/l	99
68) m/p-Xylenes	11.59	106	144134	40.517	ug/l	99
69) o-Xylene	11.92	106	69630	20.514	ug/l	100
70) Styrene	11.94	104	115957	20.403	ug/l	99
71) Bromoform	12.10	173	29273	20.920	ug/l #	99
73) Isopropylbenzene	12.22	105	183264	21.108	ug/l	99
74) N-amyl acetate	12.04	43	60409	21.099	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	62187	22.030	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	75225	31.360	ug/l #	100
77) Bromobenzene	12.50	156	46223	21.102	ug/l	99
78) n-propylbenzene	12.56	91	202441	20.434	ug/l	99
79) 2-Chlorotoluene	12.65	91	124414	20.910	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	149905	20.869	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	19003	21.607	ug/l	95
82) 4-Chlorotoluene	12.75	91	130351	21.201	ug/l	97
83) tert-Butylbenzene	12.97	119	125080	20.540	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	151370	21.348	ug/l	100
85) sec-Butylbenzene	13.15	105	167040	20.957	ug/l	99
86) p-Isopropyltoluene	13.26	119	147828	20.814	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	80271	20.092	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	80091	19.585	ug/l	97
89) n-Butylbenzene	13.59	91	111941	18.872	ug/l	100
90) Hexachloroethane	13.85	117	26895	20.686	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	79402	20.645	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	10237	22.338	ug/l	92

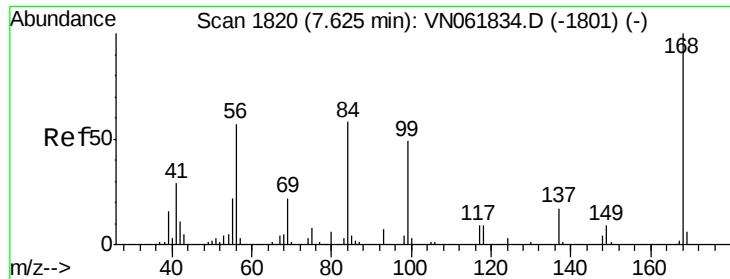
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062220\
Data File : VN062001.D
Acq On : 22 Jun 2020 15:54
Operator : JC/MD
Sample : VN0622WBSD01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0622WBSD01

Quant Time: Jun 23 05:17:15 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	14.88	180	32990	18.178	ug/l	98
94) Hexachlorobutadiene	14.99	225	15621	21.854	ug/l	99
95) Naphthalene	15.10	128	94729	17.984	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	34493	19.191	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062001.D

Acq: 22 Jun 2020 15:54

Instrument :

MSVOA_N

ClientSampleId :

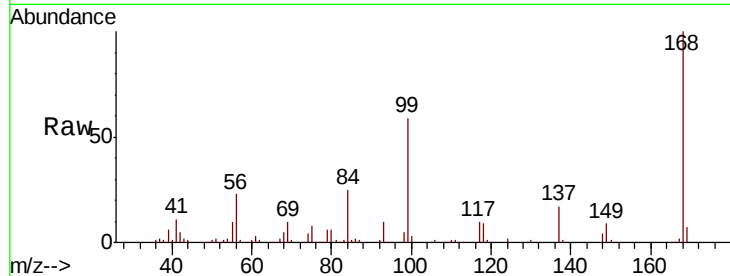
VN0622WBSD01

Tot Ion:168 Resp: 156255

Ion Ratio Lower Upper

168 100

99 59.0 44.6 67.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): V

7.63

60000

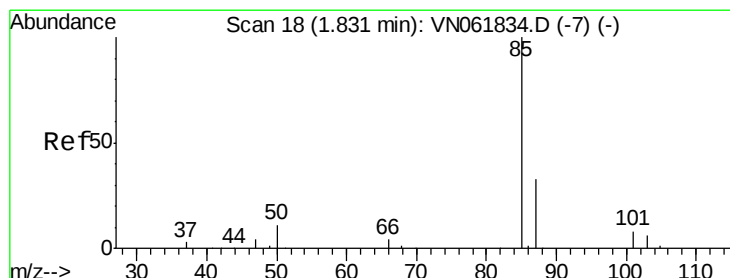
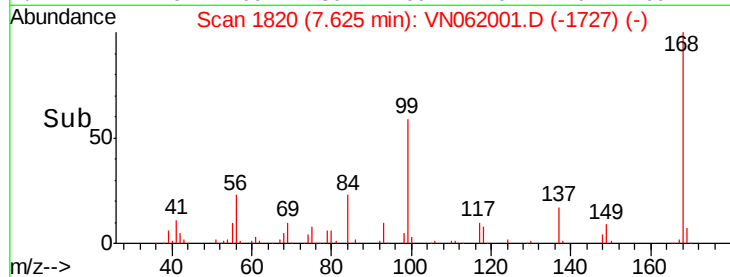
40000

20000

0

7.50 7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 19.519 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN062001.D

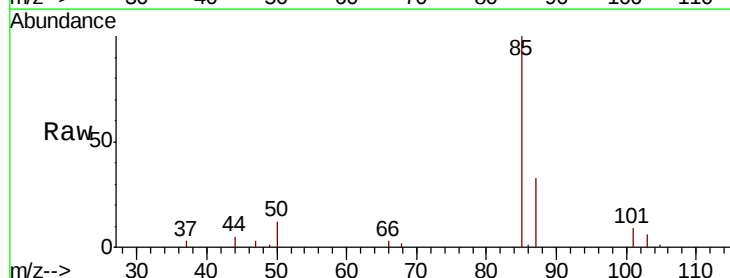
Acq: 22 Jun 2020 15:54

Tgt Ion: 85 Resp: 39320

Ion Ratio Lower Upper

85 100

87 33.0 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): V

Ion 86.90 (86.60 to 87.60): V

1.83

30000

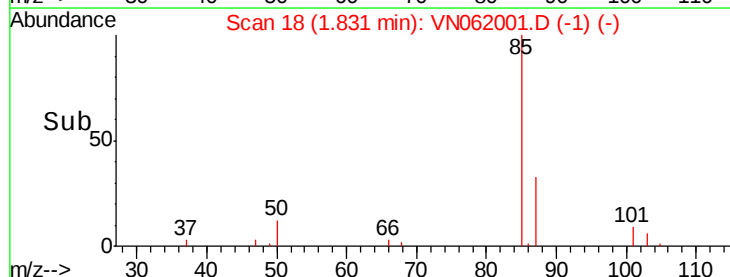
20000

10000

0

1.80 1.85 1.90

Time-->

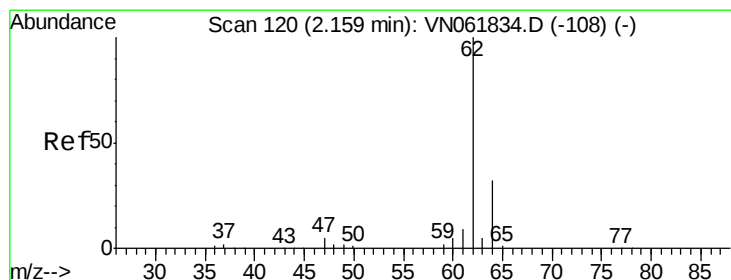
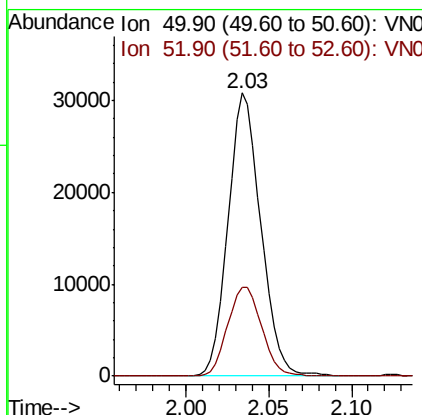
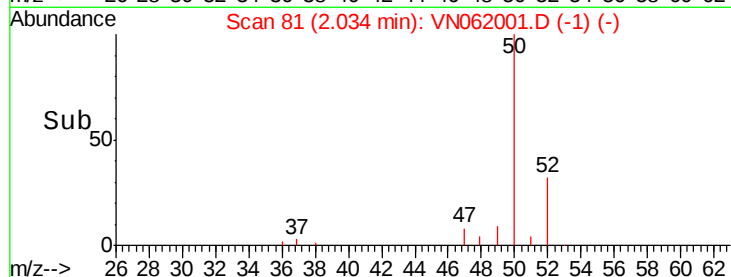
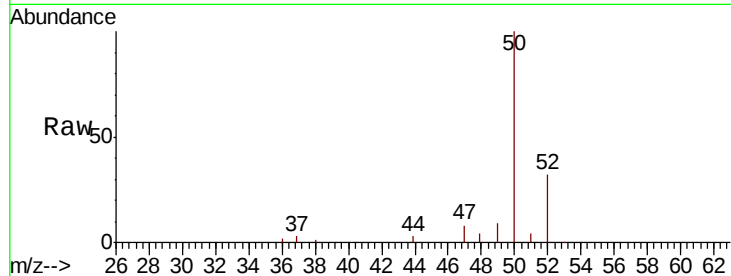




#3
Chloromethane
Concen: 19.489 ug/l
RT: 2.03 min Scan# 81
Delta R.T. -0.00 min
Lab File: VN062001.D
Acq: 22 Jun 2020 15:54

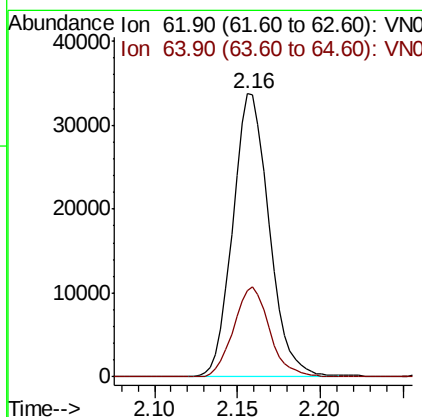
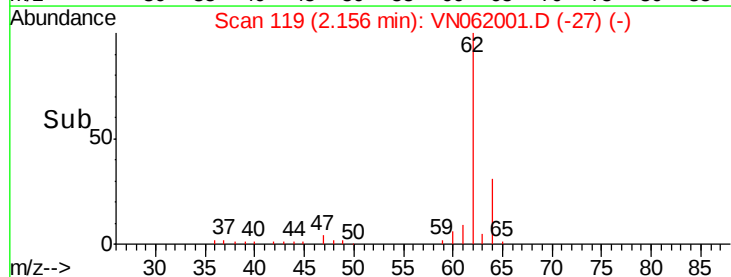
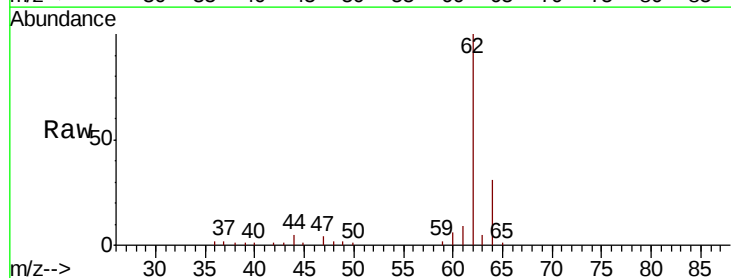
Instrument :
MSVOA_N
ClientSampleId :
VN0622WBSD01

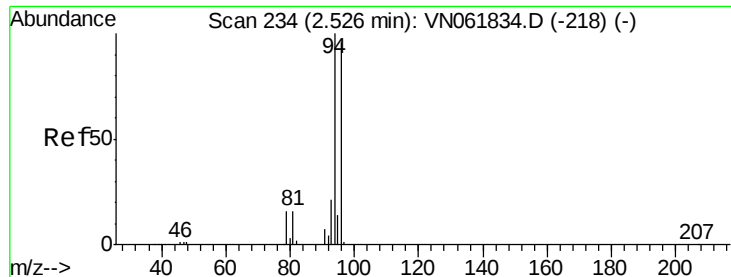
Tot Ion: 50 Resp: 42270
Ion Ratio Lower Upper
50 100
52 31.5 26.0 39.0



#4
Vinyl Chloride
Concen: 19.931 ug/l
RT: 2.16 min Scan# 119
Delta R.T. -0.00 min
Lab File: VN062001.D
Acq: 22 Jun 2020 15:54

Tgt Ion: 62 Resp: 51534
Ion Ratio Lower Upper
62 100
64 30.7 25.5 38.3





#5

Bromomethane

Concen: 18.475 ug/l

RT: 2.53 min Scan# 234

Delta R.T. -0.00 min

Lab File: VN062001.D

Acq: 22 Jun 2020 15:54

Instrument :

MSVOA_N

ClientSampleId :

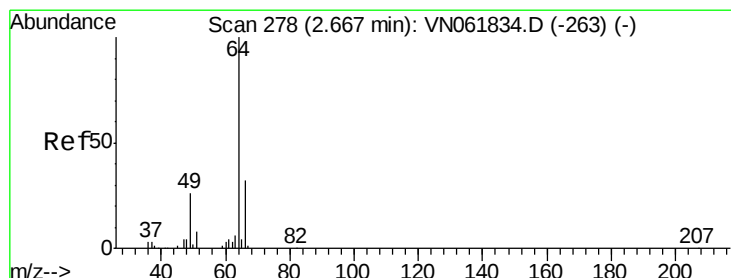
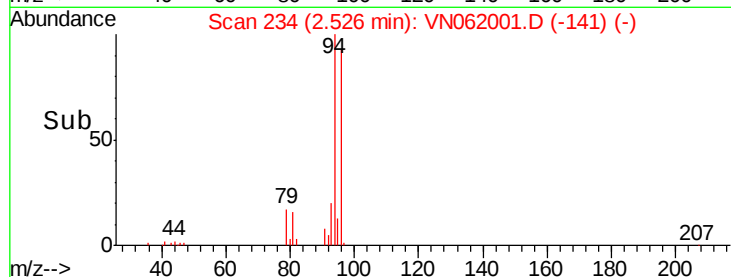
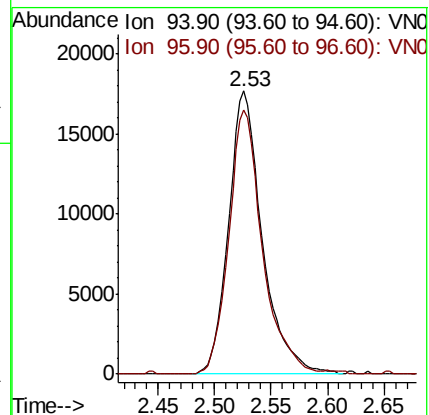
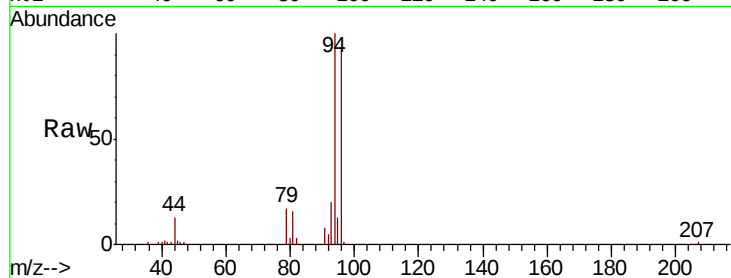
VN0622WBSD01

Tot Ion: 94 Resp: 36683

Ion Ratio Lower Upper

94 100

96 93.4 76.7 115.1



#6

Chloroethane

Concen: 20.042 ug/l

RT: 2.67 min Scan# 278

Delta R.T. -0.00 min

Lab File: VN062001.D

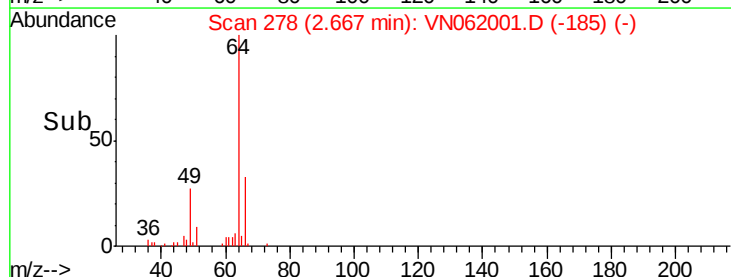
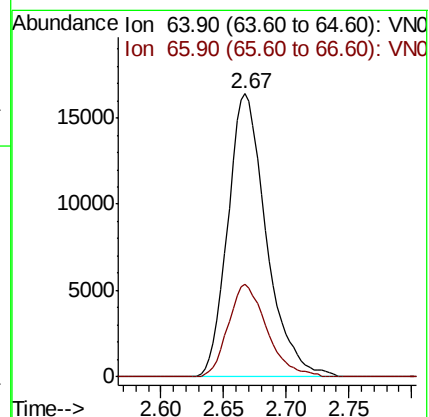
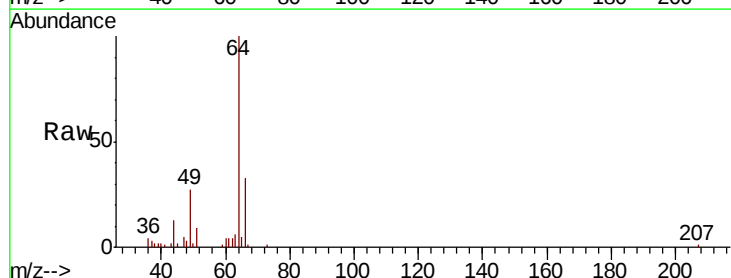
Acq: 22 Jun 2020 15:54

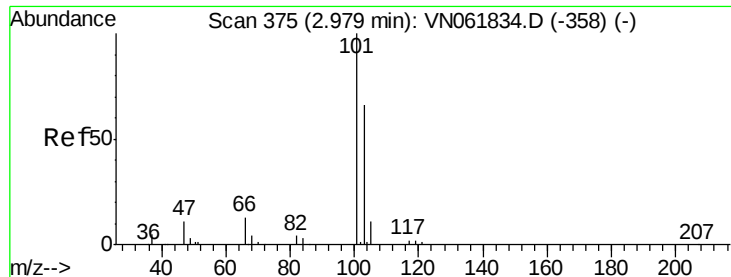
Tgt Ion: 64 Resp: 35072

Ion Ratio Lower Upper

64 100

66 32.6 25.4 38.2



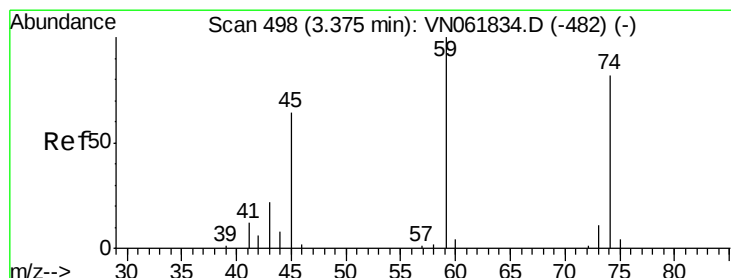
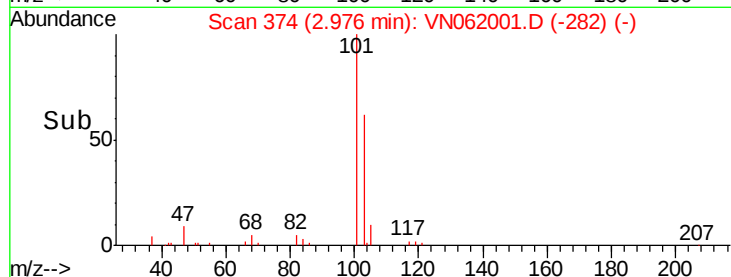
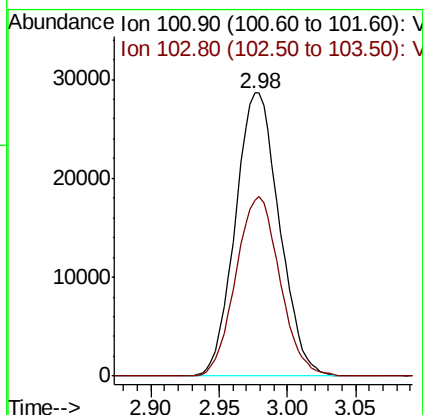
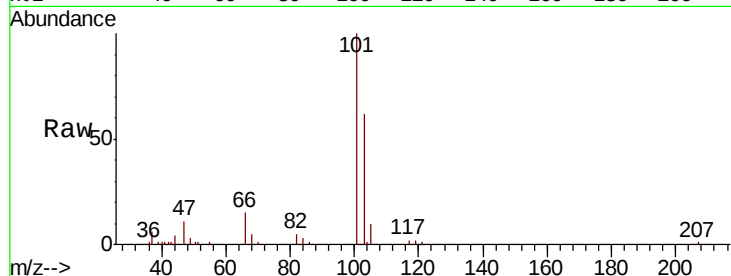


#7

Trichlorofluoromethane
Concen: 20.790 ug/l
RT: 2.98 min Scan# 374
Delta R.T. -0.00 min
Lab File: VN062001.D
Acq: 22 Jun 2020 15:54

Instrument :
MSVOA_N
ClientSampleId :
VN0622WBSD01

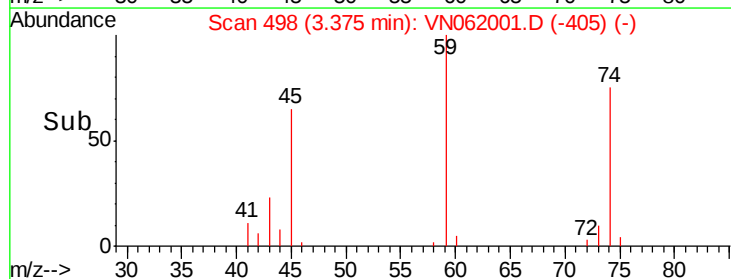
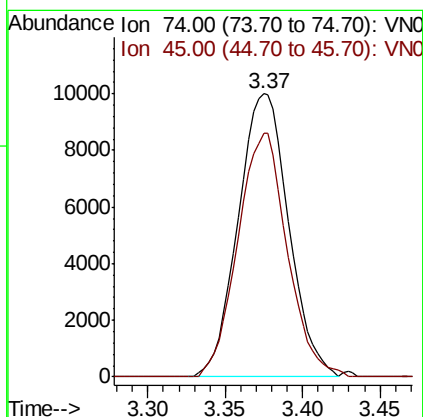
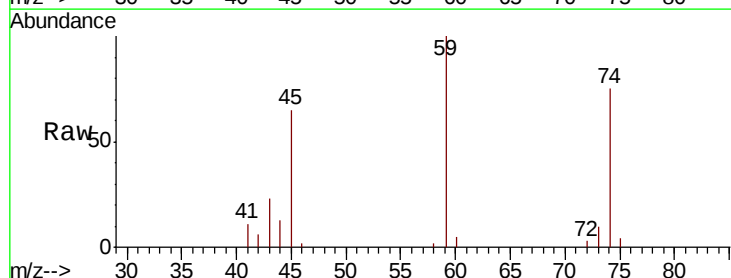
Tot Ion:101 Resp: 64209
Ion Ratio Lower Upper
101 100
103 62.3 52.8 79.2

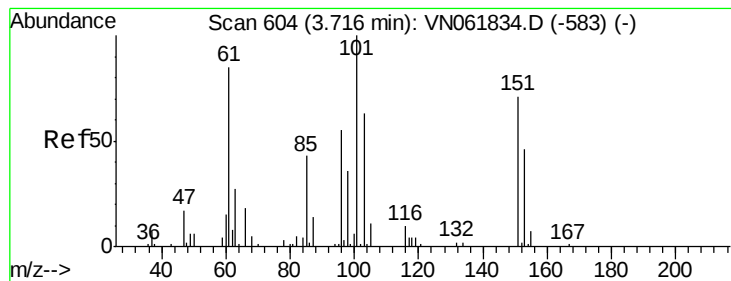


#8

Diethyl Ether
Concen: 21.856 ug/l
RT: 3.37 min Scan# 498
Delta R.T. -0.00 min
Lab File: VN062001.D
Acq: 22 Jun 2020 15:54

Tgt Ion: 74 Resp: 22693
Ion Ratio Lower Upper
74 100
45 84.3 39.1 117.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.118 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN062001.D

Acq: 22 Jun 2020 15:54

Instrument :

MSVOA_N

ClientSampleId :

VN0622WBSD01

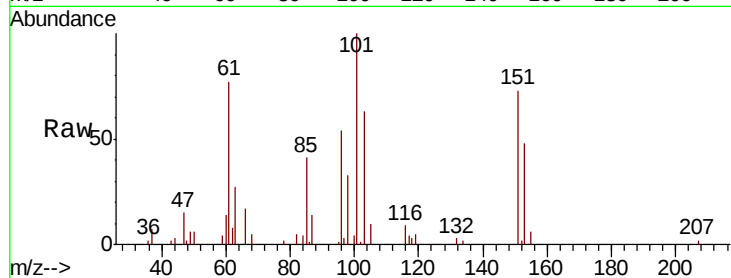
Tot Ion:101 Resp: 35045

Ion Ratio Lower Upper

101 100

85 41.1 35.0 52.6

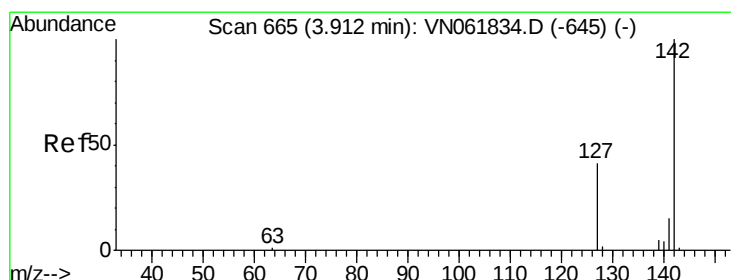
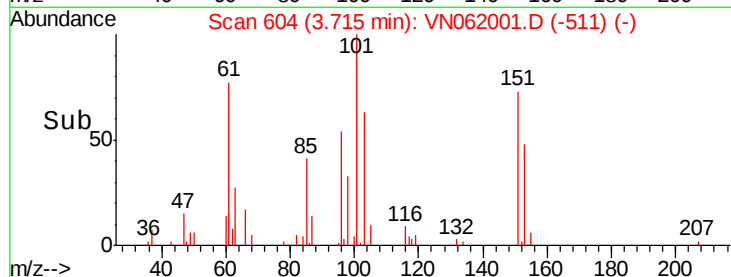
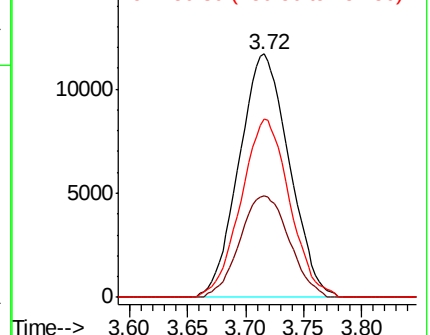
151 71.1 59.2 88.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 23.299 ug/l

RT: 3.91 min Scan# 664

Delta R.T. -0.00 min

Lab File: VN062001.D

Acq: 22 Jun 2020 15:54

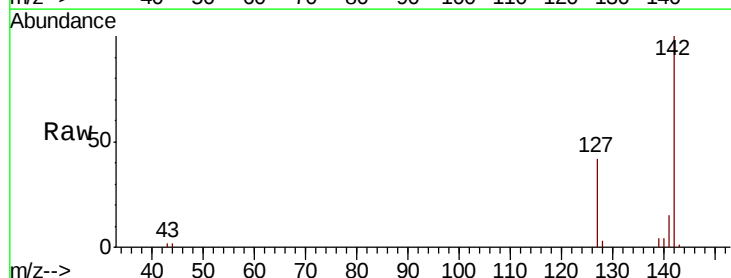
Tgt Ion:142 Resp: 38477

Ion Ratio Lower Upper

142 100

127 41.8 33.4 50.0

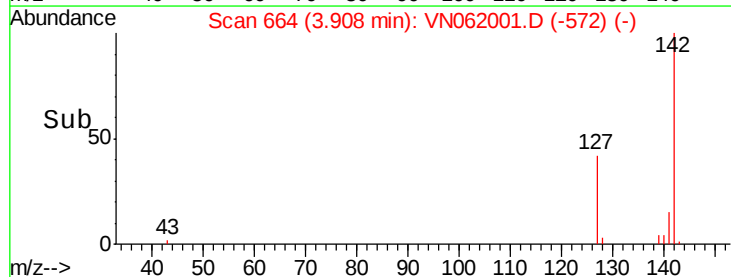
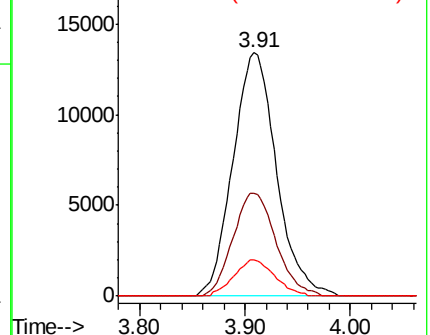
141 14.0 11.3 16.9

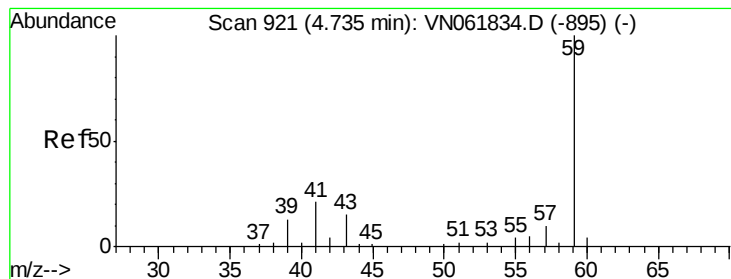


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



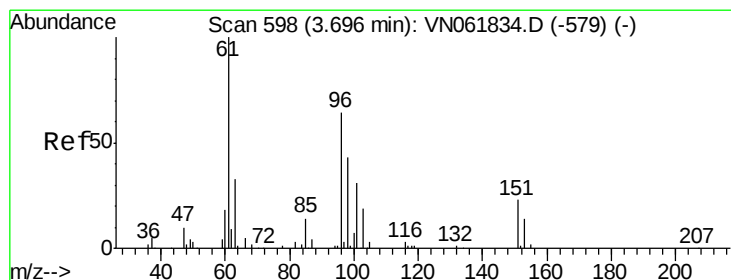
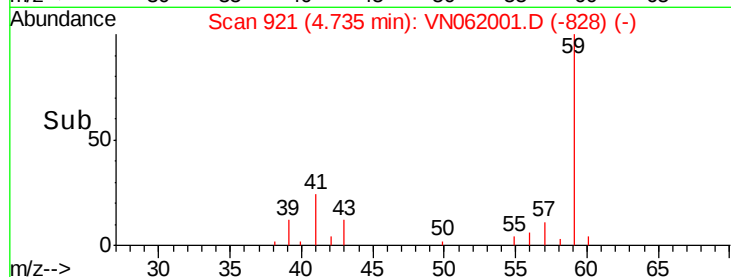
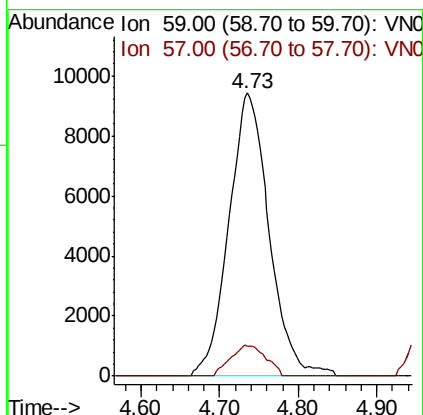
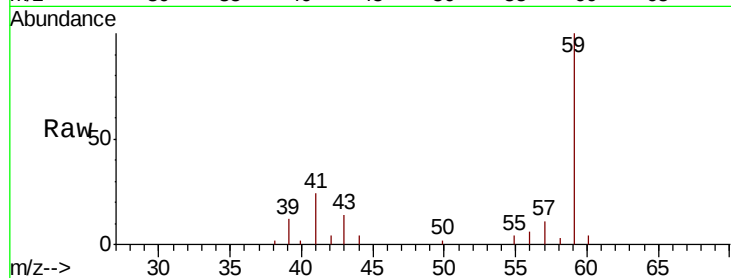


#11

Tert butyl alcohol
 Concen: 115.956 ug/l
 RT: 4.73 min Scan# 921
 Delta R.T. -0.00 min
 Lab File: VN062001.D
 Acq: 22 Jun 2020 15:54

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0622WBSD01

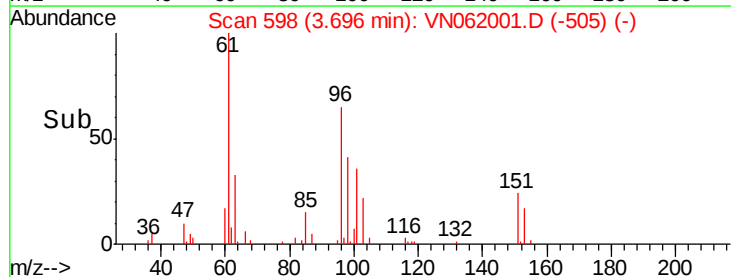
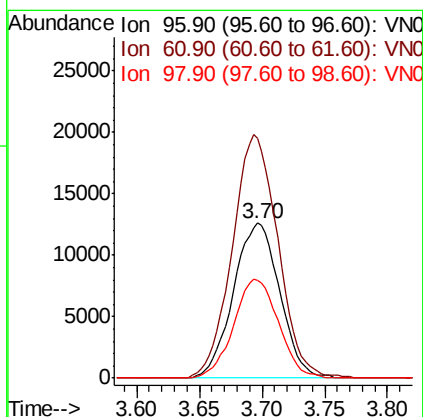
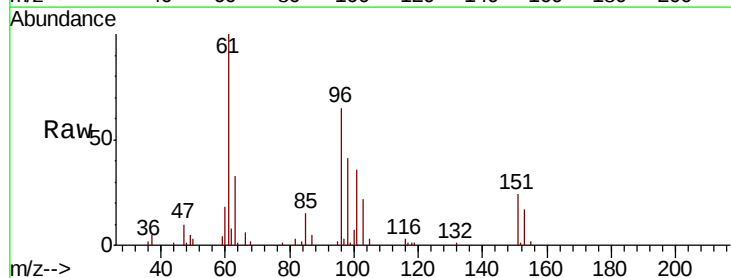
Tot Ion: 59 Resp: 33626
 Ion Ratio Lower Upper
 59 100
 57 9.5 7.7 11.5

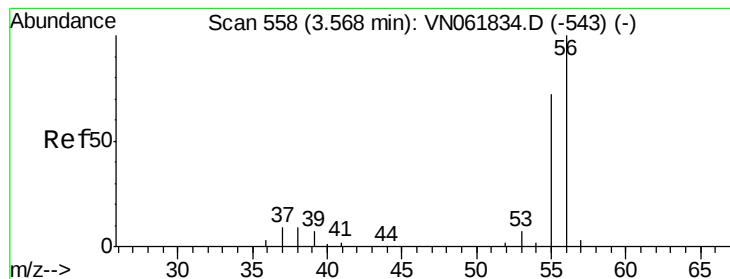


#12

1,1-Dichloroethene
 Concen: 20.391 ug/l
 RT: 3.70 min Scan# 598
 Delta R.T. -0.00 min
 Lab File: VN062001.D
 Acq: 22 Jun 2020 15:54

Tgt Ion: 96 Resp: 32374
 Ion Ratio Lower Upper
 96 100
 61 154.7 124.3 186.5
 98 63.3 53.1 79.7





#13

Acrolein

Concen: 105.147 ug/l

RT: 3.57 min Scan# 558

Delta R.T. -0.00 min

Lab File: VN062001.D

Acq: 22 Jun 2020 15:54

Instrument :

MSVOA_N

ClientSampleId :

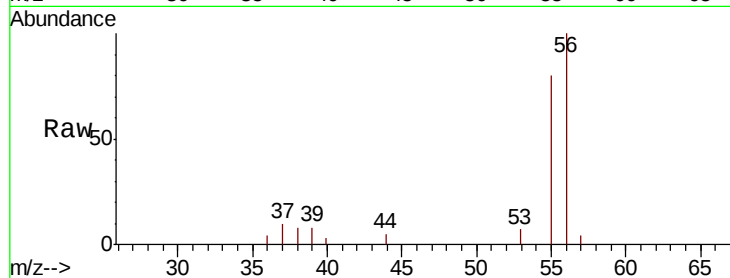
VN0622WBSD01

Tot Ion: 56 Resp: 18224

Ion Ratio Lower Upper

56 100

55 73.6 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

6000

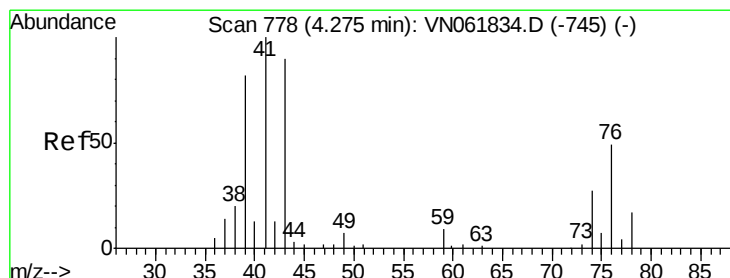
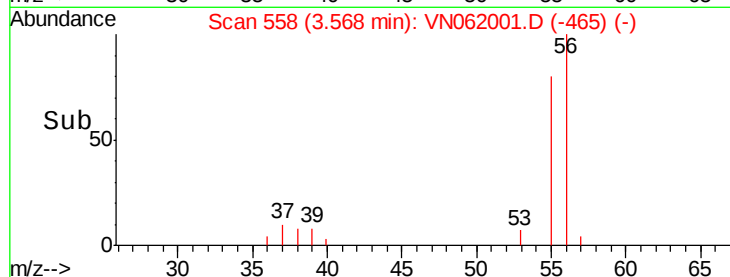
4000

2000

0

Time-->

3.50 3.55 3.60 3.65



#14

Allyl chloride

Concen: 21.518 ug/l

RT: 4.28 min Scan# 779

Delta R.T. 0.00 min

Lab File: VN062001.D

Acq: 22 Jun 2020 15:54

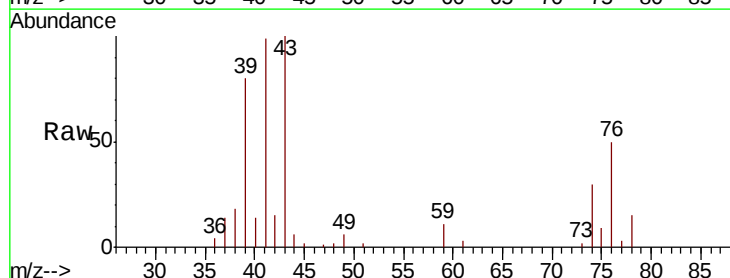
Tgt Ion: 41 Resp: 45340

Ion Ratio Lower Upper

41 100

39 76.4 60.2 90.2

76 43.8 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) (-)

4.28

15000

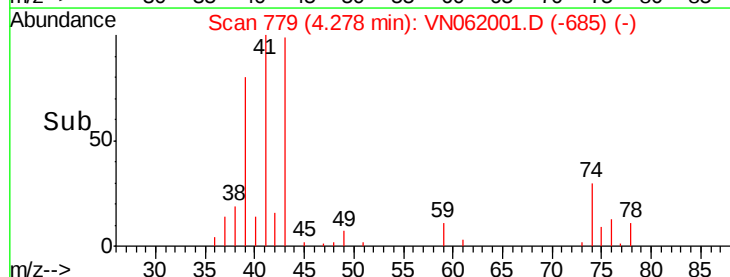
10000

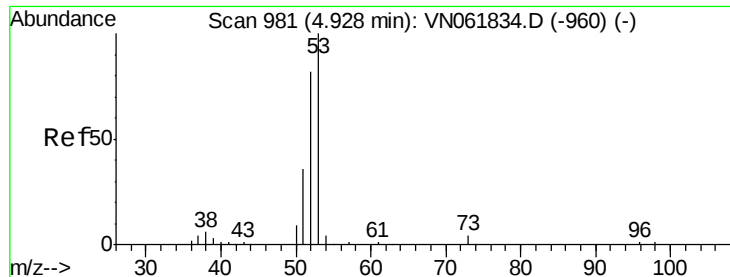
5000

0

Time-->

4.10 4.20 4.30 4.40

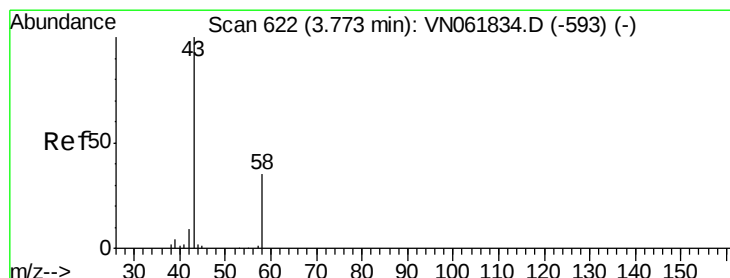
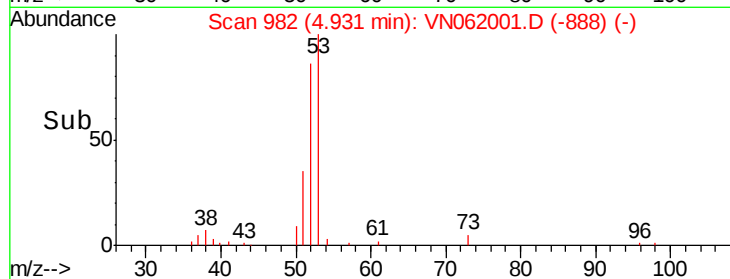
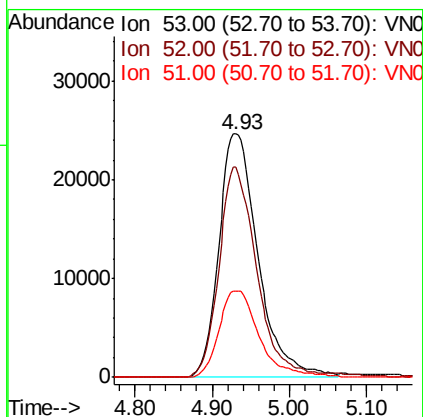
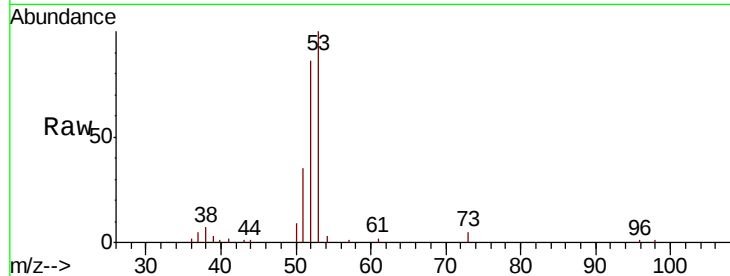




#15
 Acrylonitrile
 Concen: 120.833 ug/l
 RT: 4.93 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VN062001.D
 Acq: 22 Jun 2020 15:54

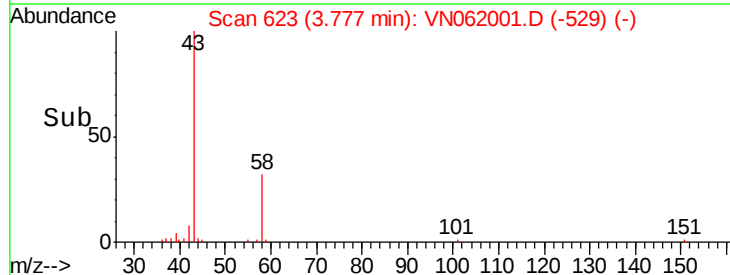
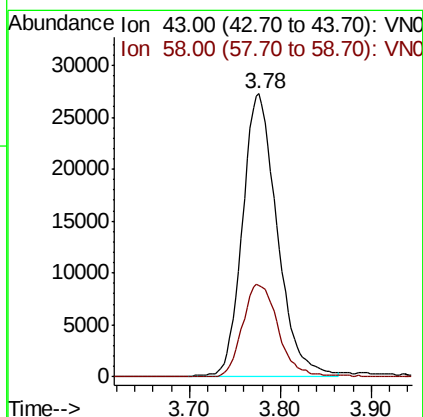
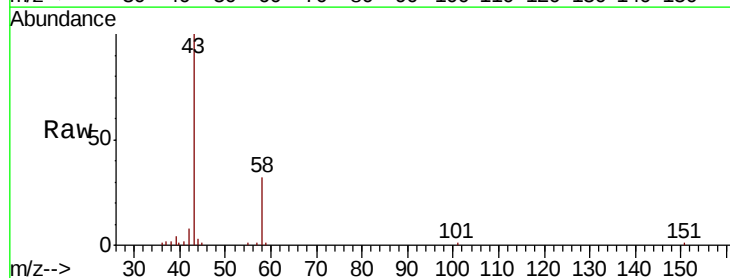
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0622WBSD01

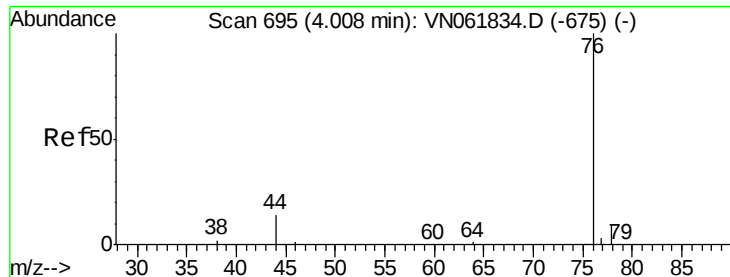
Tot Ion	53	Resp	86824
Ion Ratio	Lower	Upper	
53	100		
52	82.6	65.2	97.8
51	35.8	29.3	43.9



#16
 Acetone
 Concen: 117.364 ug/l
 RT: 3.78 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: VN062001.D
 Acq: 22 Jun 2020 15:54

Tgt Ion	43	Resp	72649
Ion Ratio	Lower	Upper	
43	100		
58	32.4	27.8	41.8

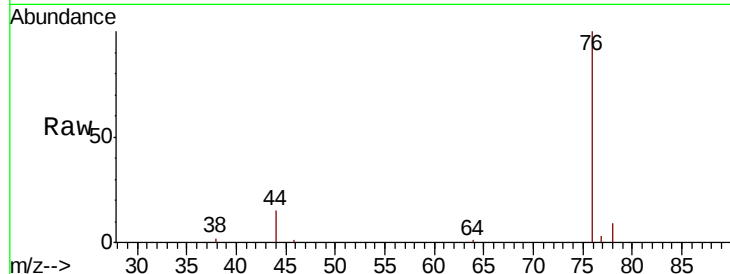




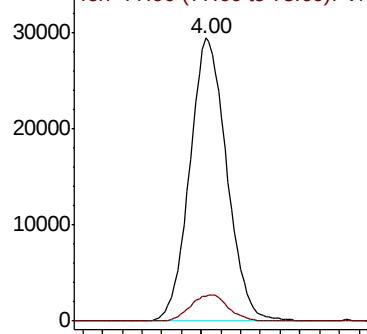
#17
Carbon Disulfide
Concen: 16.539 ug/l
RT: 4.00 min Scan# 694
Delta R.T. -0.00 min
Lab File: VN062001.D
Acq: 22 Jun 2020 15:54

Instrument :
MSVOA_N
ClientSampleId :
VN0622WBSD01

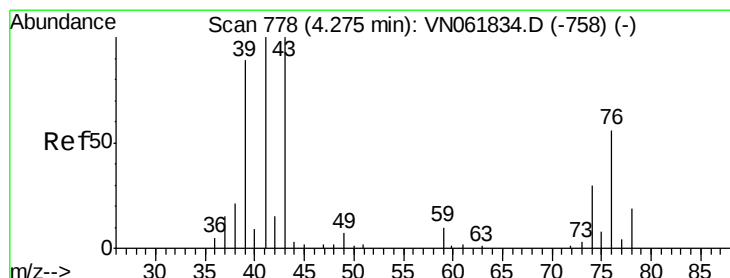
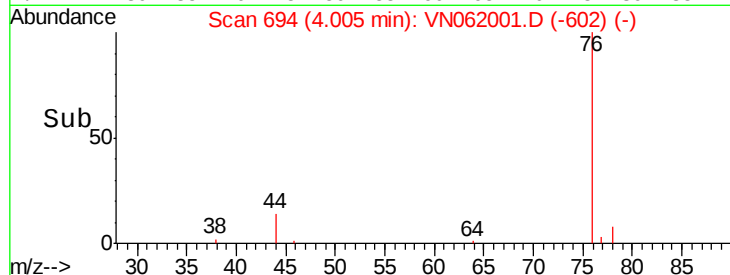
Tot Ion: 76 Resp: 76828
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VN0
Ion 77.90 (77.60 to 78.60): VN0

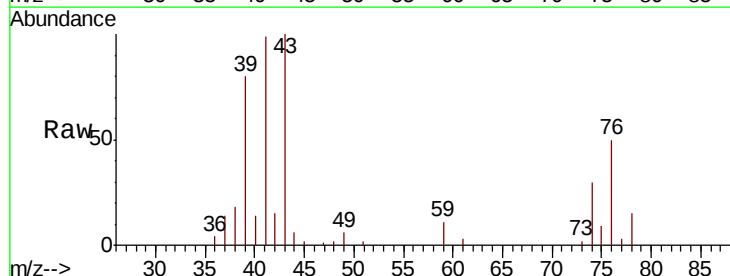


Time-->

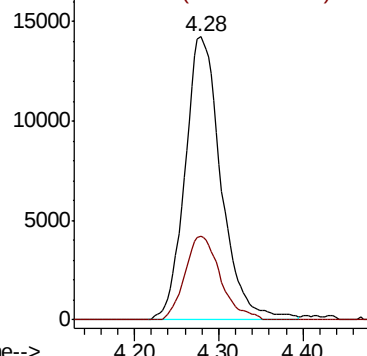


#18
Methyl Acetate
Concen: 23.814 ug/l
RT: 4.28 min Scan# 779
Delta R.T. 0.00 min
Lab File: VN062001.D
Acq: 22 Jun 2020 15:54

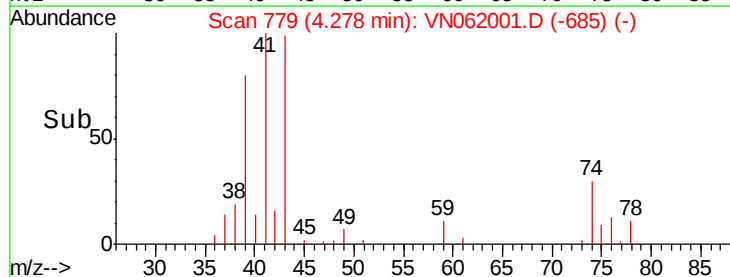
Tgt Ion: 43 Resp: 42439
Ion Ratio Lower Upper
43 100
74 29.1 23.0 34.4

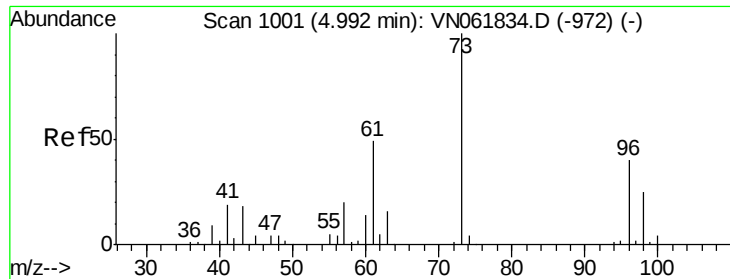


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 74.00 (73.70 to 74.70): VN0



Time-->

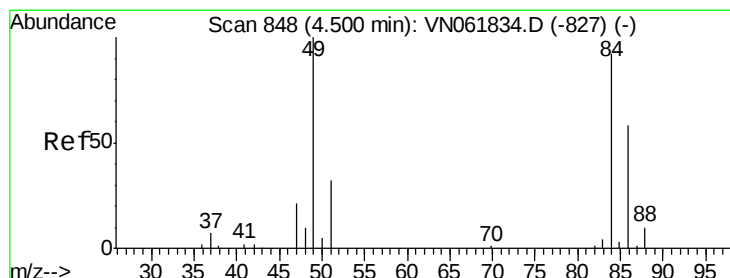
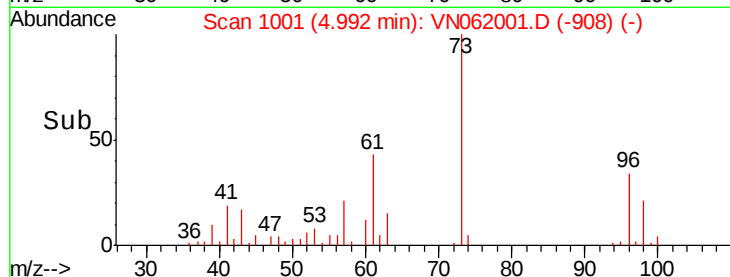
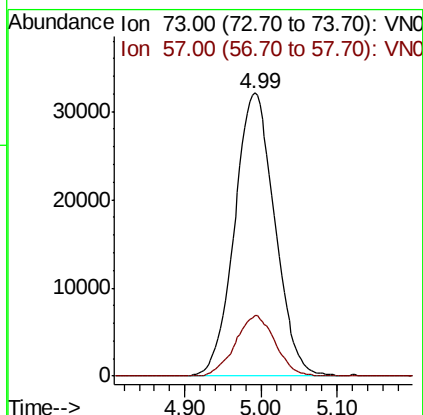
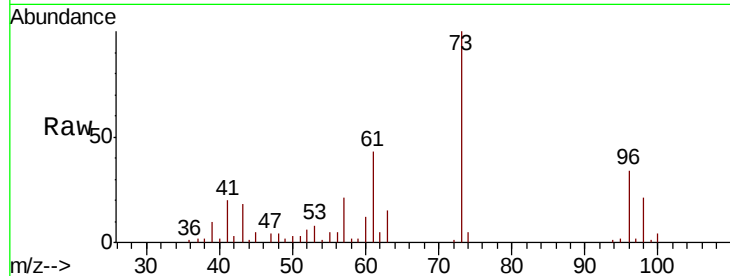




#19
Methvl tert-butvl Ether
Concen: 22.336 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VN062001.D
Acq: 22 Jun 2020 15:54

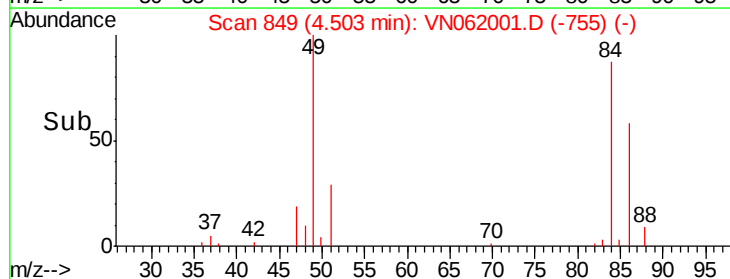
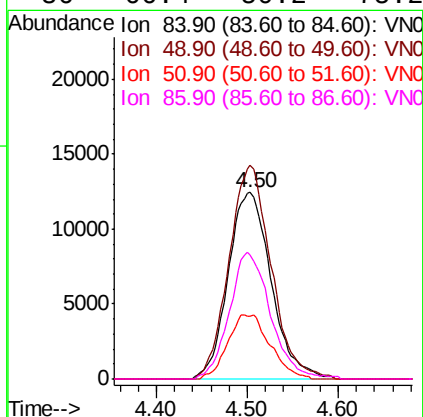
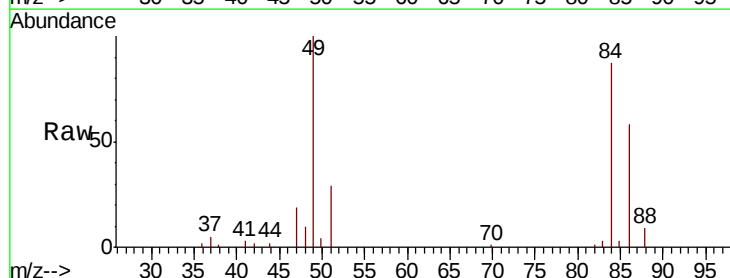
Instrument :
MSVOA_N
ClientSampleId :
VN0622WBSD01

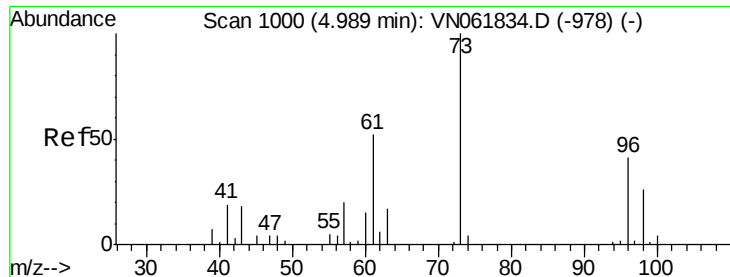
Tot Ion: 73 Resp: 118072
Ion Ratio Lower Upper
73 100
57 21.4 16.2 24.4



#20
Methylene Chloride
Concen: 20.279 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.00 min
Lab File: VN062001.D
Acq: 22 Jun 2020 15:54

Tgt Ion: 84 Resp: 40897
Ion Ratio Lower Upper
84 100
49 114.3 87.0 130.4
51 33.5 27.8 41.6
86 66.4 50.2 75.2

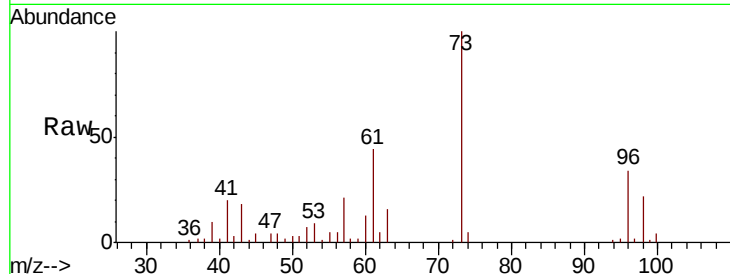




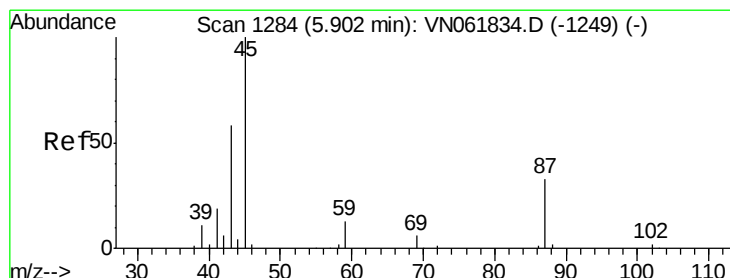
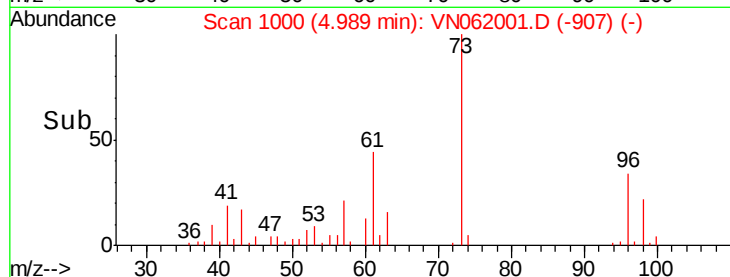
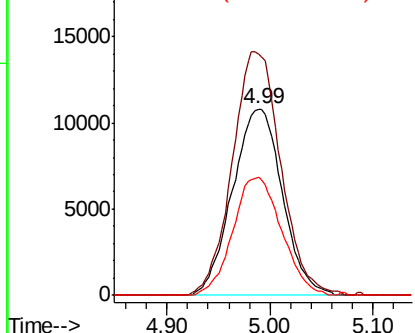
#21
trans-1,2-Dichloroethene
Concen: 19.914 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VN062001.D
Acq: 22 Jun 2020 15:54

Instrument :
MSVOA_N
ClientSampled :
VN0622WBSD01

Tot Ion: 96 Resp: 36314
Ion Ratio Lower Upper
96 100
61 129.1 102.2 153.4
98 63.3 51.2 76.8

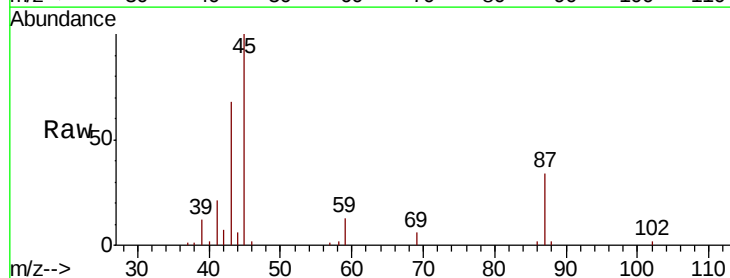


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

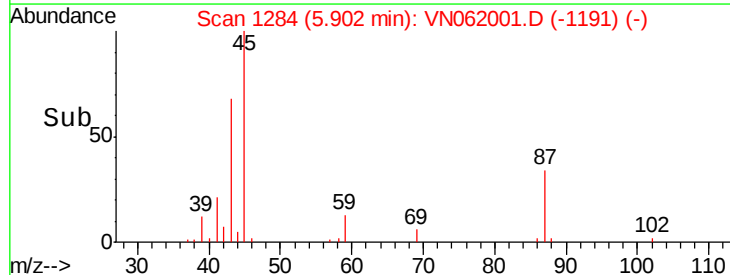
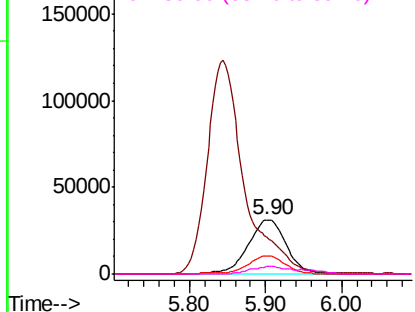


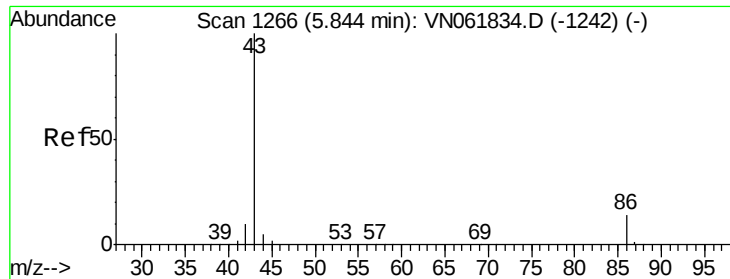
#22
Diisopropyl ether
Concen: 22.585 ug/l
RT: 5.90 min Scan# 1284
Delta R.T. -0.00 min
Lab File: VN062001.D
Acq: 22 Jun 2020 15:54

Tgt Ion: 45 Resp: 108841
Ion Ratio Lower Upper
45 100
43 65.6 49.4 74.2
87 33.9 27.4 41.0
59 13.1 10.6 15.8



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 110.634 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. -0.00 min

Lab File: VN062001.D

Acq: 22 Jun 2020 15:54

Instrument :

MSVOA_N

ClientSampleID :

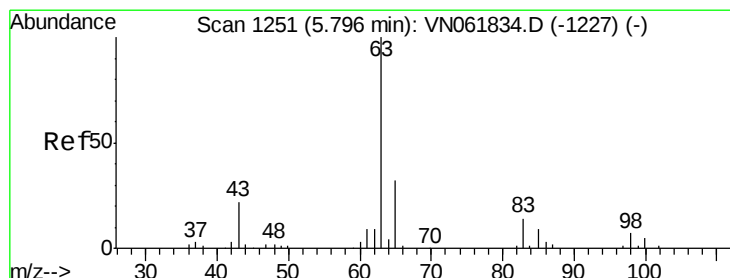
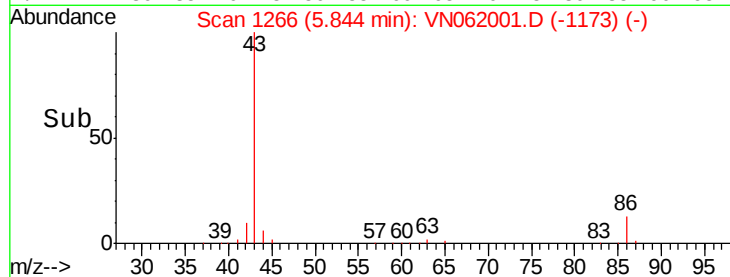
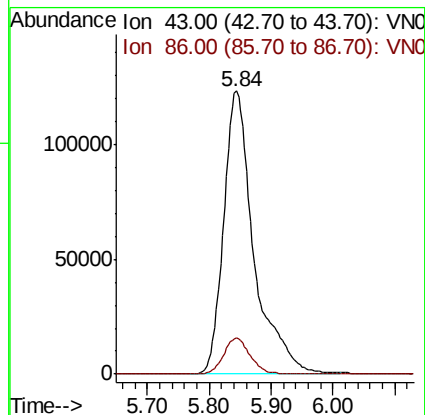
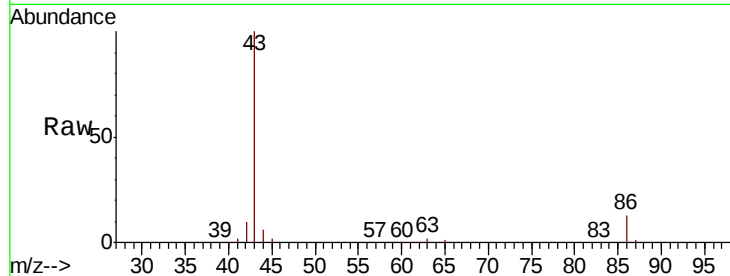
VN0622WBSD01

Tot Ion: 43 Resp: 419329

Ion Ratio Lower Upper

43 100

86 12.8 10.9 16.3



#24

1,1-Dichloroethane

Concen: 21.776 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN062001.D

Acq: 22 Jun 2020 15:54

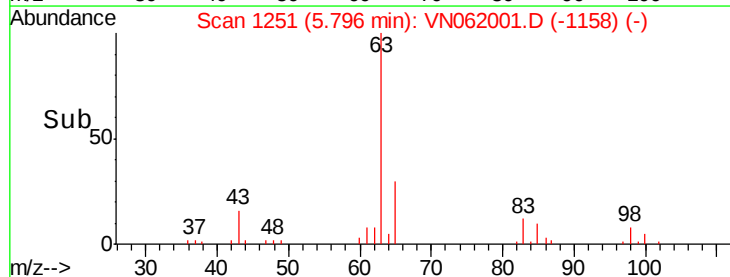
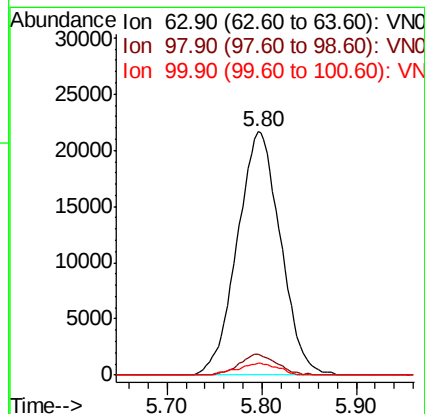
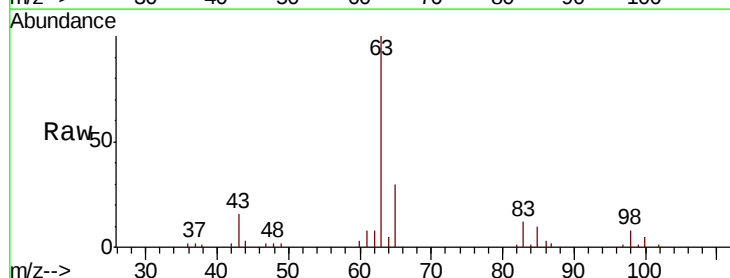
Tgt Ion: 63 Resp: 68697

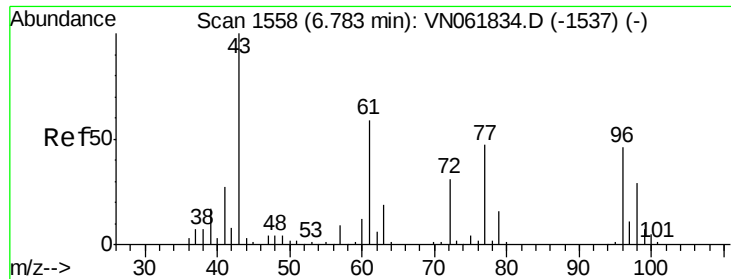
Ion Ratio Lower Upper

63 100

98 8.5 3.5 10.4

100 4.9 2.5 7.4





#25

2-Butanone

Concen: 117.541 ug/l

RT: 6.79 min Scan# 1559

Delta R.T. 0.00 min

Lab File: VN062001.D

Acq: 22 Jun 2020 15:54

Instrument :

MSVOA_N

ClientSampled :

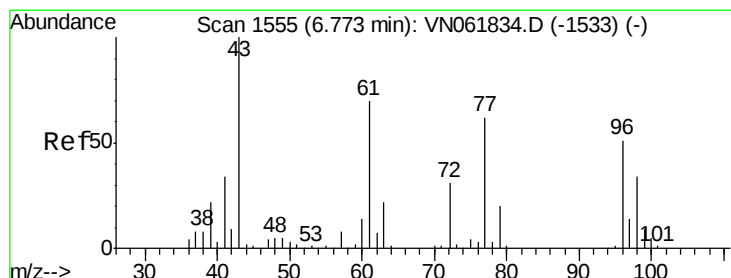
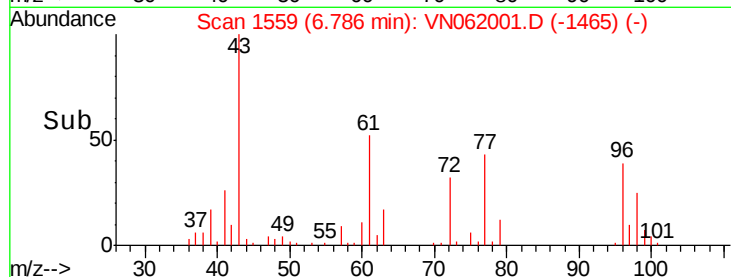
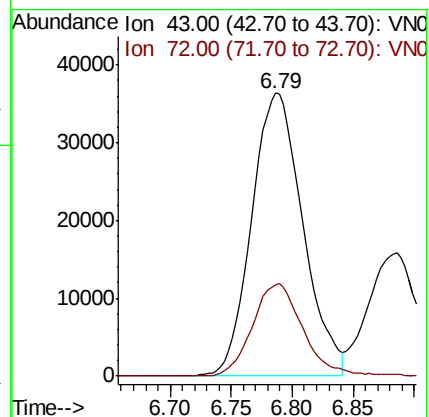
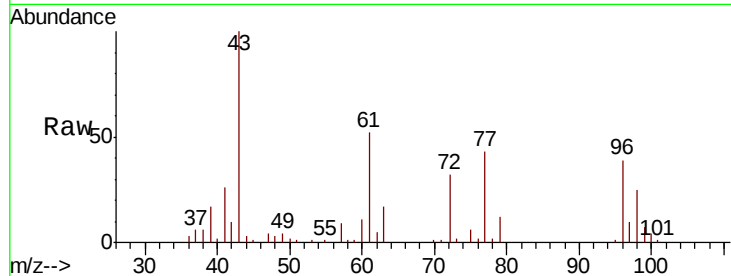
VN0622WBSD01

Tot Ion: 43 Resp: 106155

Ion Ratio Lower Upper

43 100

72 32.3 24.6 37.0



#26

2,2-Dichloropropane

Concen: 21.637 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. 0.00 min

Lab File: VN062001.D

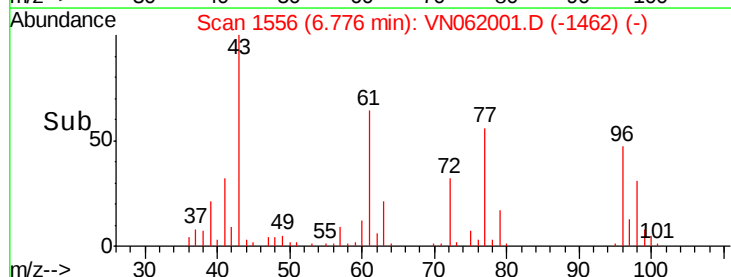
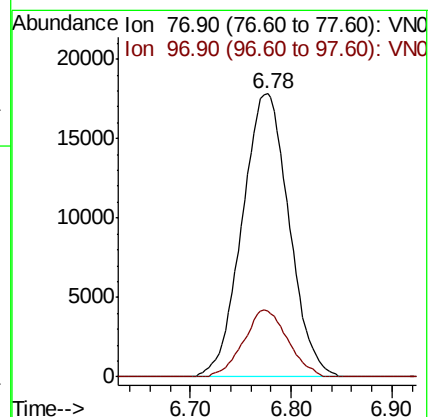
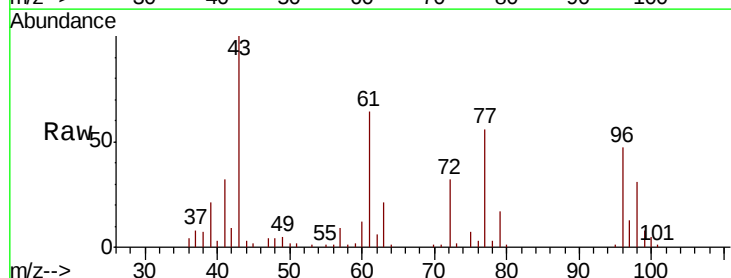
Acq: 22 Jun 2020 15:54

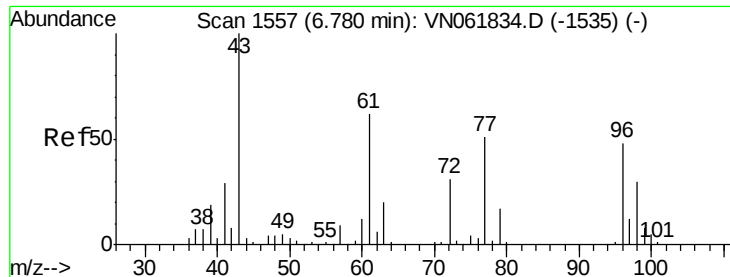
Tgt Ion: 77 Resp: 57428

Ion Ratio Lower Upper

77 100

97 22.3 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 20.867 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. -0.00 min

Lab File: VN062001.D

Acq: 22 Jun 2020 15:54

Instrument :
MSVOA_N
ClientSampled :
VN0622WBSD01

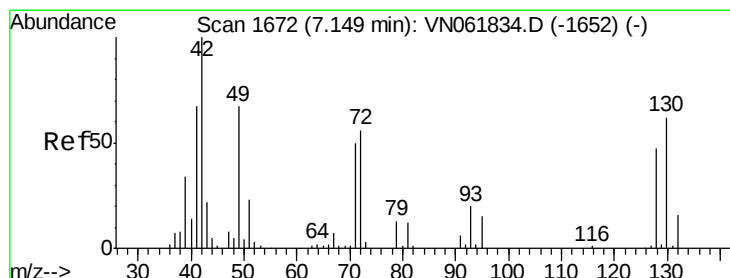
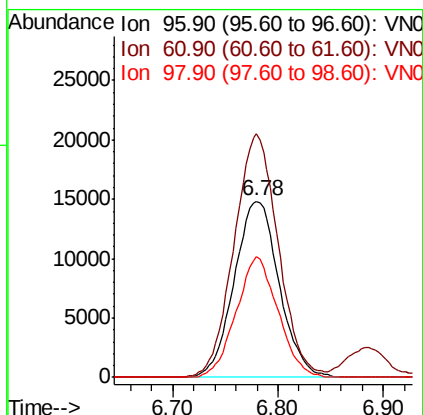
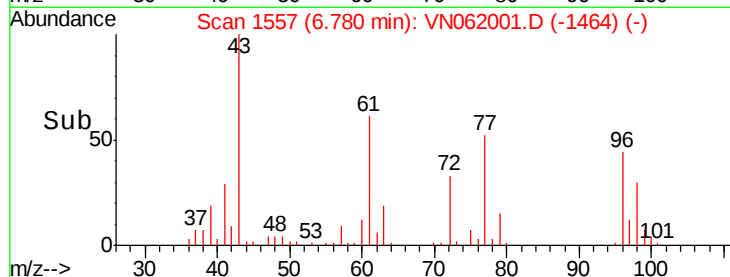
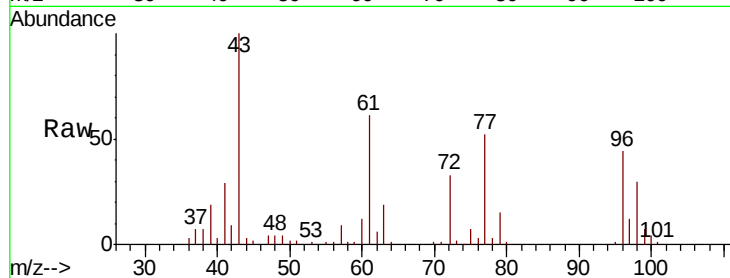
Tot Ion: 96 Resp: 43906

Ion Ratio Lower Upper

96 100

61 136.0 0.0 265.6

98 63.6 0.0 128.2



#28

Bromochloromethane

Concen: 23.431 ug/l

RT: 7.15 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VN062001.D

Acq: 22 Jun 2020 15:54

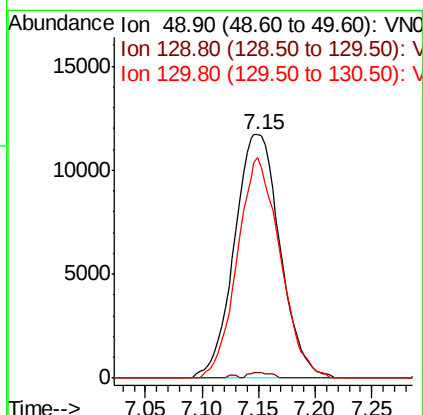
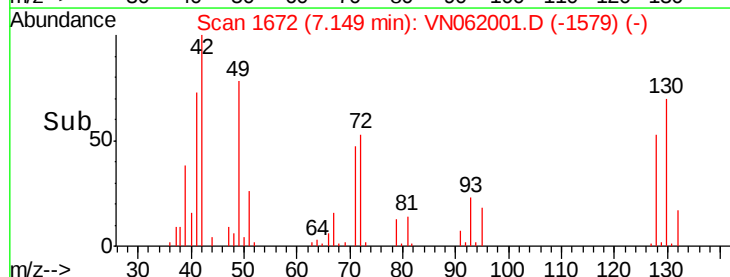
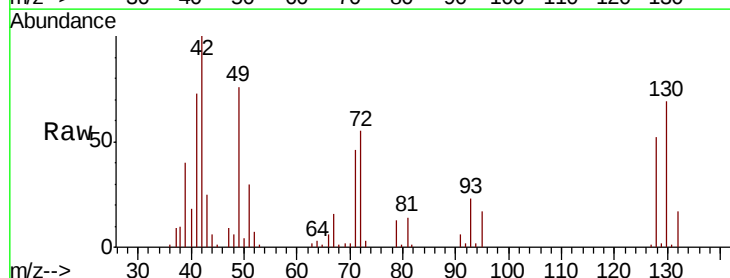
Tgt Ion: 49 Resp: 32911

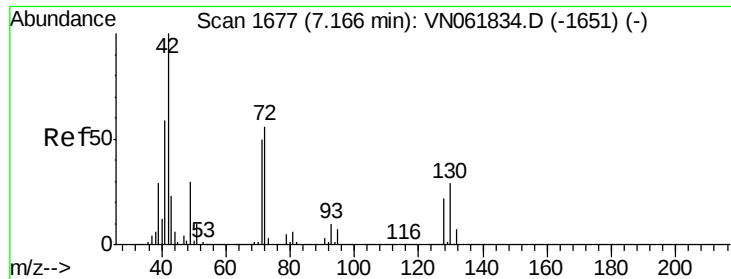
Ion Ratio Lower Upper

49 100

129 1.2 0.0 4.0

130 84.9 72.2 108.2

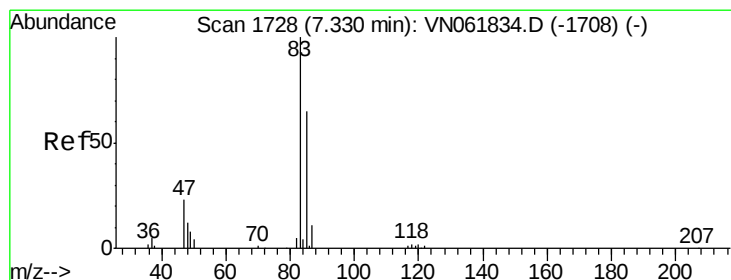
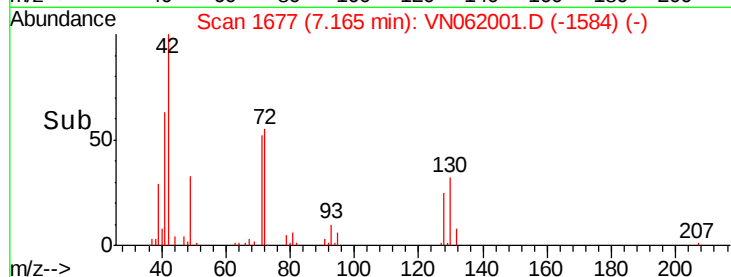
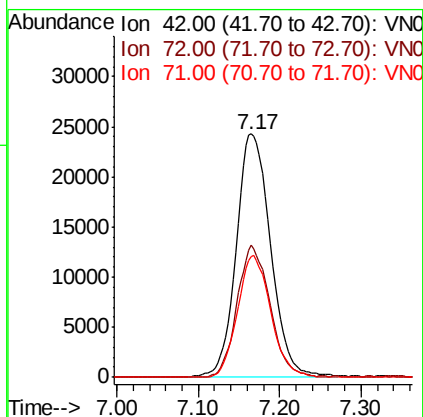
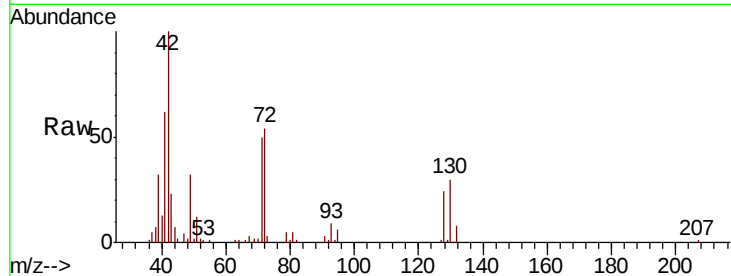




#29
Tetrahydrofuran
Concen: 119.556 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN062001.D
Acq: 22 Jun 2020 15:54

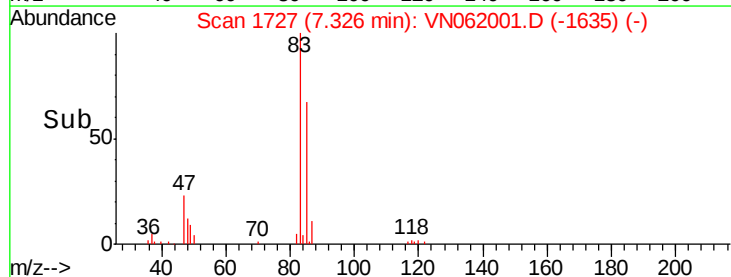
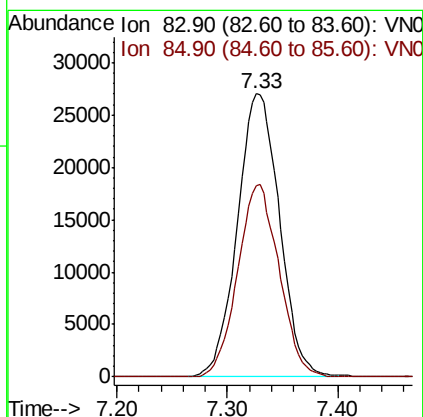
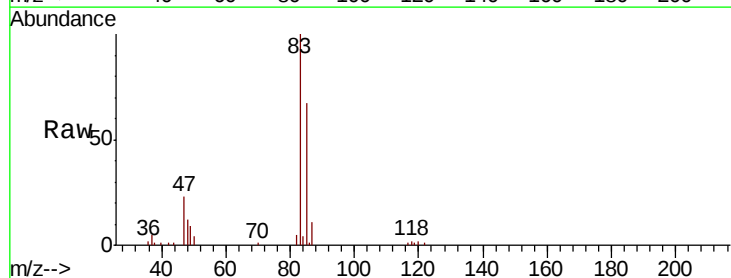
Instrument :
MSVOA_N
ClientSampleId :
VN0622WBSD01

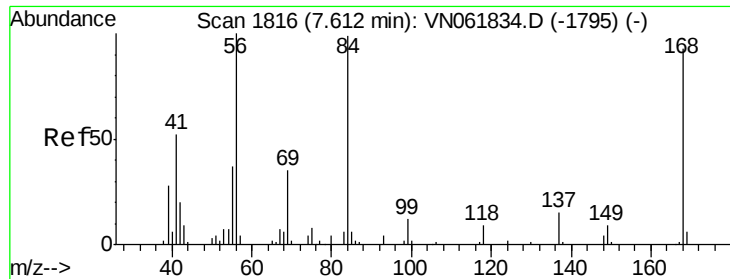
Tot Ion: 42 Resp: 71059
Ion Ratio Lower Upper
42 100
72 51.6 44.0 66.0
71 48.1 40.0 60.0



#30
Chloroform
Concen: 21.228 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN062001.D
Acq: 22 Jun 2020 15:54

Tgt Ion: 83 Resp: 71571
Ion Ratio Lower Upper
83 100
85 67.4 52.0 78.0

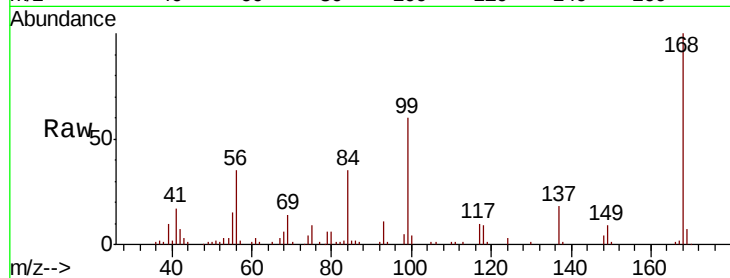




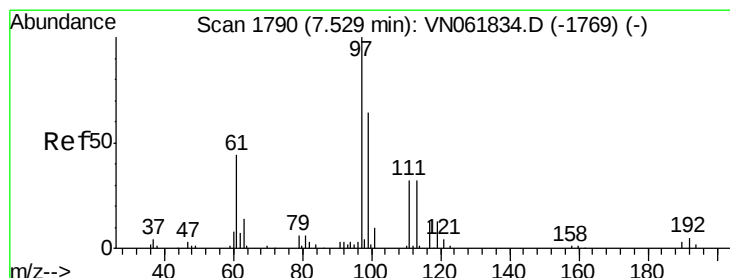
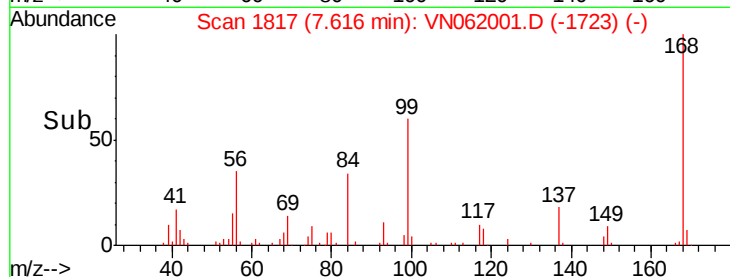
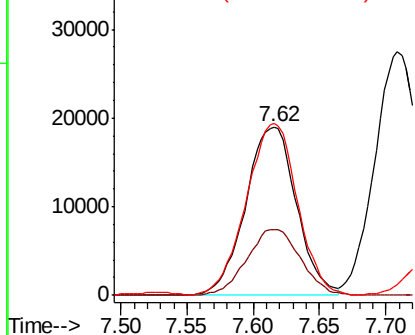
#31
Cyclohexane
Concen: 18.419 ug/l
RT: 7.62 min Scan# 1817
Delta R.T. 0.00 min
Lab File: VN062001.D
Acq: 22 Jun 2020 15:54

Instrument :
MSVOA_N
ClientSampleId :
VN0622WBSD01

Tot Ion: 56 Resp: 50867
Ion Ratio Lower Upper
56 100
69 39.4 27.7 41.5
84 102.0 79.1 118.7

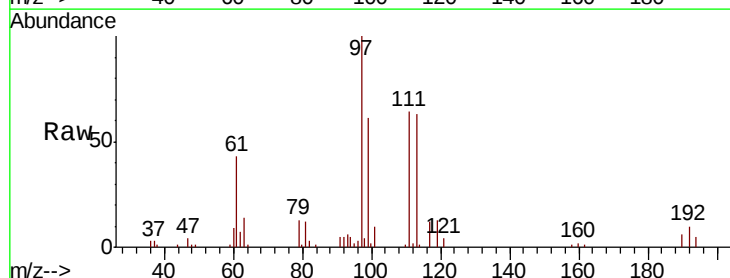


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

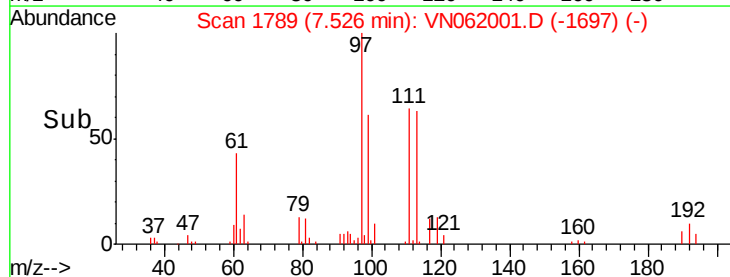
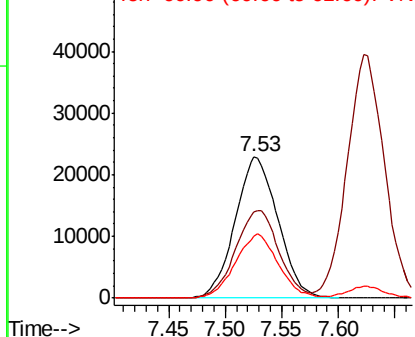


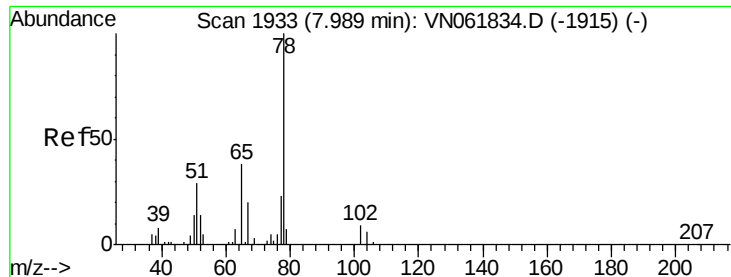
#32
1,1,1-Trichloroethane
Concen: 20.948 ug/l
RT: 7.53 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VN062001.D
Acq: 22 Jun 2020 15:54

Tgt Ion: 97 Resp: 60149
Ion Ratio Lower Upper
97 100
99 63.2 51.5 77.3
61 45.5 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

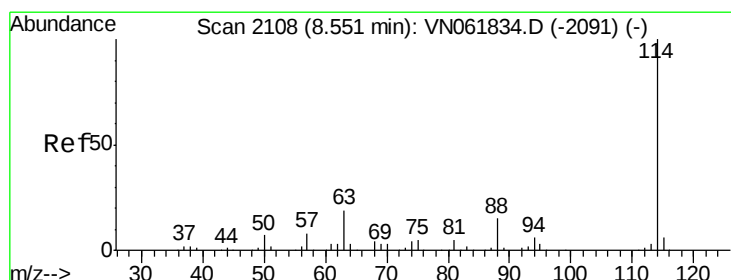
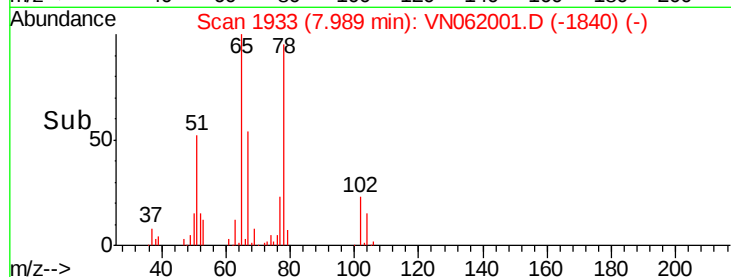
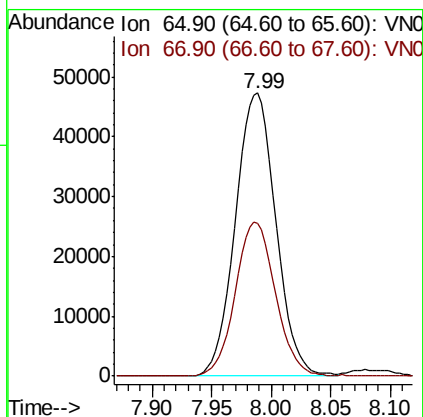
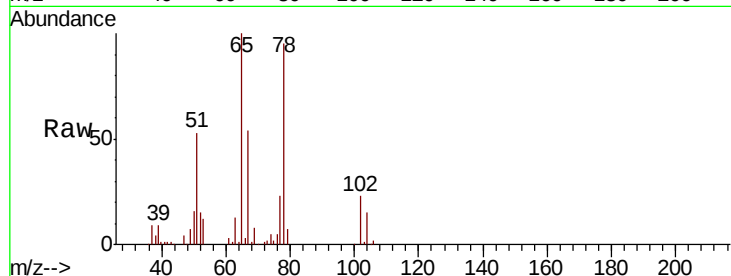




#33
 1,2-Dichloroethane-d4
 Concen: 53.238 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: VN062001.D
 Acq: 22 Jun 2020 15:54

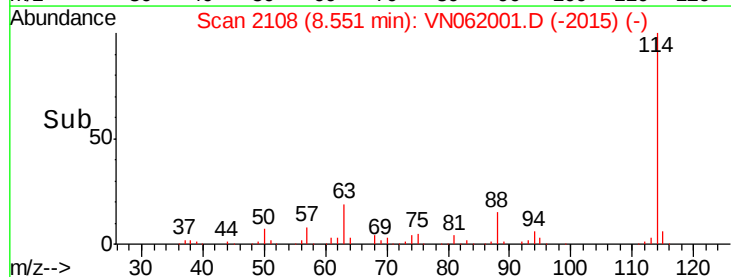
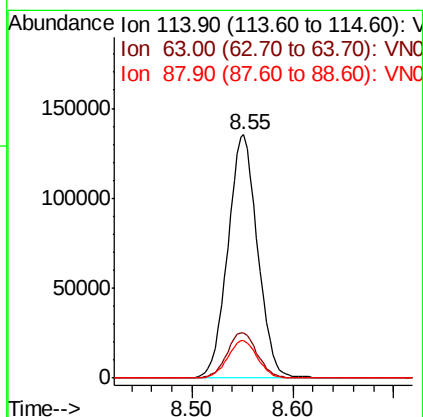
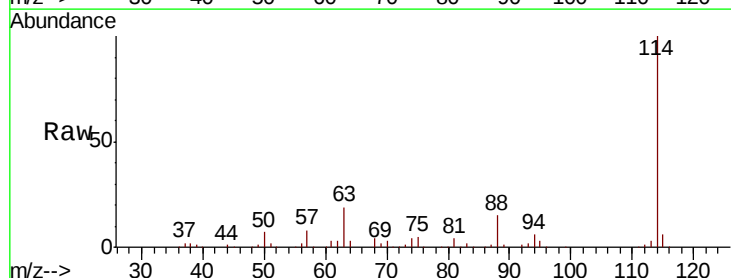
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0622WBSD01

Tot Ion: 65 Resp: 111566
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062001.D
 Acq: 22 Jun 2020 15:54

Tgt Ion: 114 Resp: 277446
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 37.6
 88 15.3 0.0 31.0

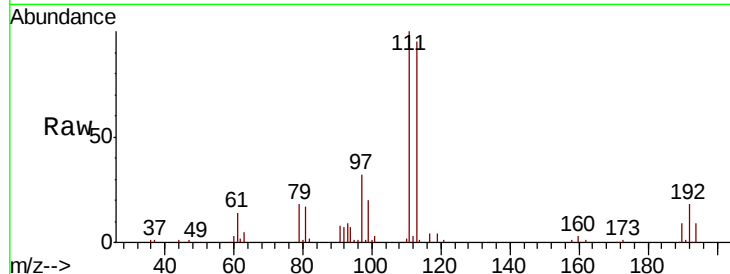




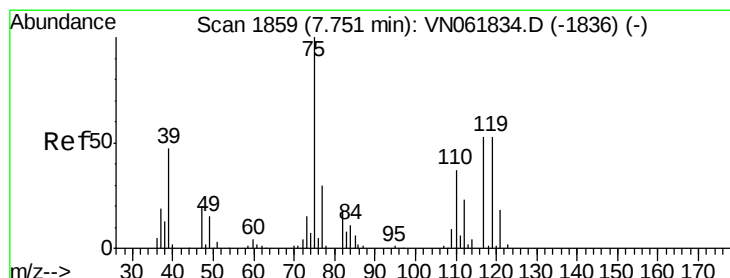
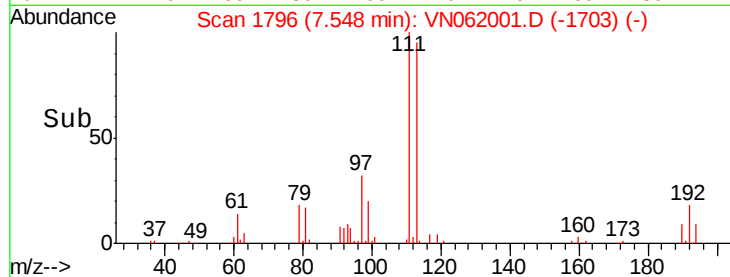
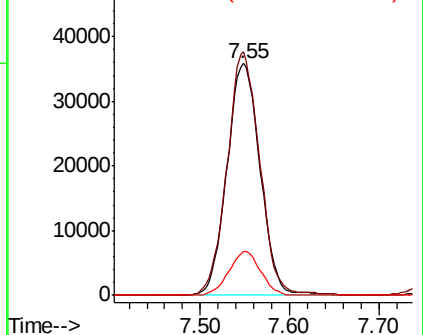
#35
 Dibromofluoromethane
 Concen: 52.054 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062001.D
 Acq: 22 Jun 2020 15:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0622WBSD01

Tot Ion:113 Resp: 92394
 Ion Ratio Lower Upper
 113 100
 111 102.6 83.7 125.5
 192 18.1 13.9 20.9

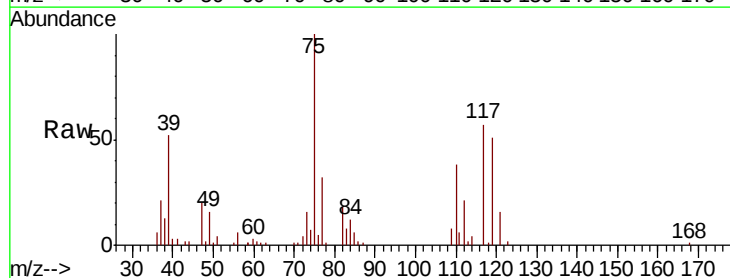


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

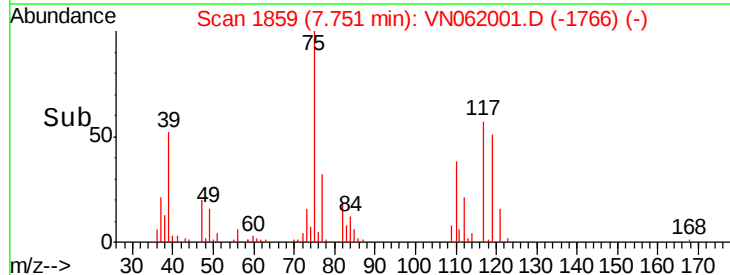
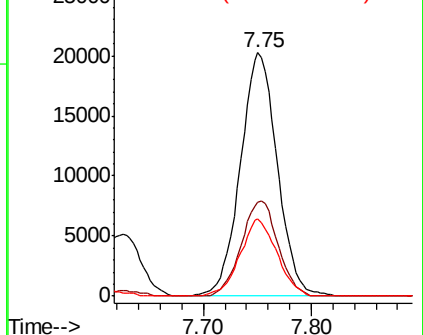


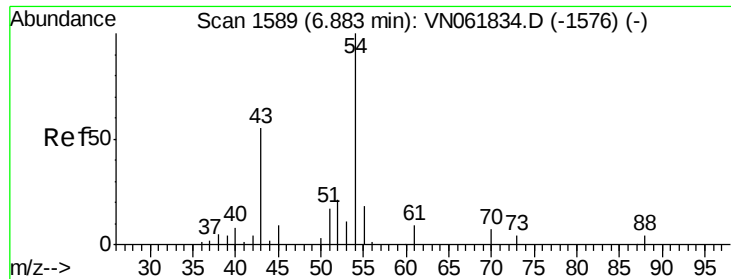
#36
 1,1-Dichloropropene
 Concen: 19.019 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN062001.D
 Acq: 22 Jun 2020 15:54

Tgt Ion: 75 Resp: 48130
 Ion Ratio Lower Upper
 75 100
 110 38.7 18.2 54.6
 77 31.5 24.2 36.4



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

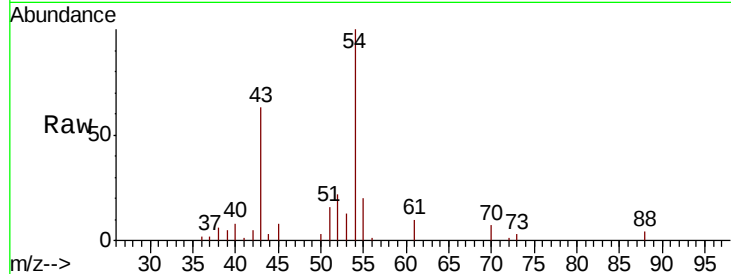




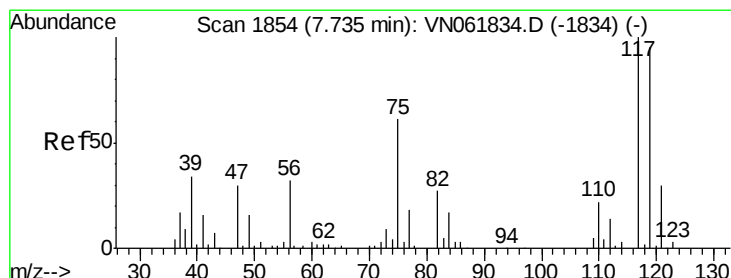
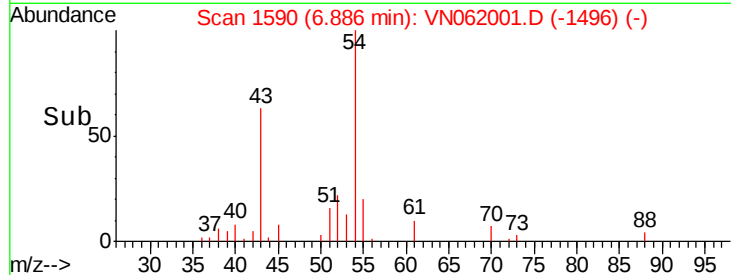
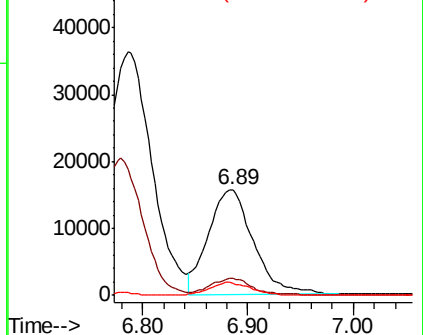
#37
Ethyl Acetate
Concen: 23.293 ug/l
RT: 6.89 min Scan# 1590
Delta R.T. 0.00 min
Lab File: VN062001.D
Acq: 22 Jun 2020 15:54

Instrument :
MSVOA_N
ClientSampleID :
VN0622WBSD01

Tot Ion: 43 Resp: 46031
Ion Ratio Lower Upper
43 100
61 15.6 13.0 19.4
70 11.1 9.4 14.2

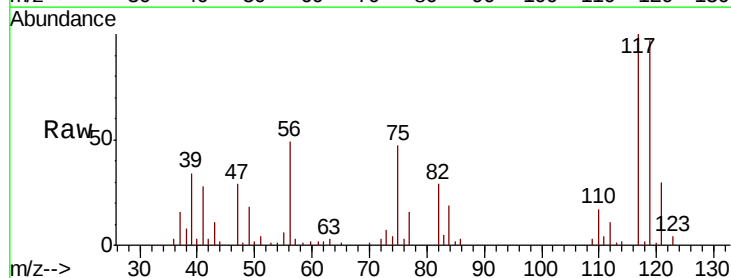


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

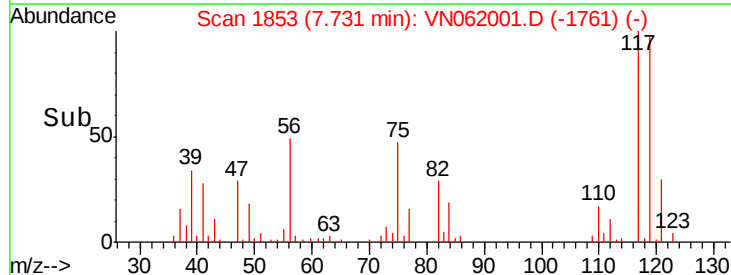
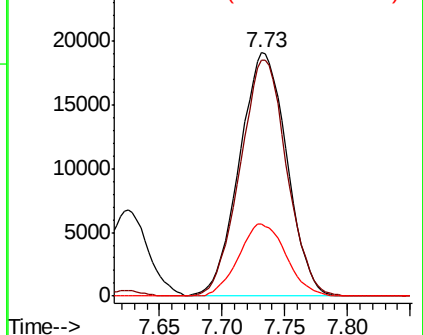


#38
Carbon Tetrachloride
Concen: 20.018 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062001.D
Acq: 22 Jun 2020 15:54

Tgt Ion: 117 Resp: 50165
Ion Ratio Lower Upper
117 100
119 96.9 75.8 113.6
121 29.7 23.8 35.6



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

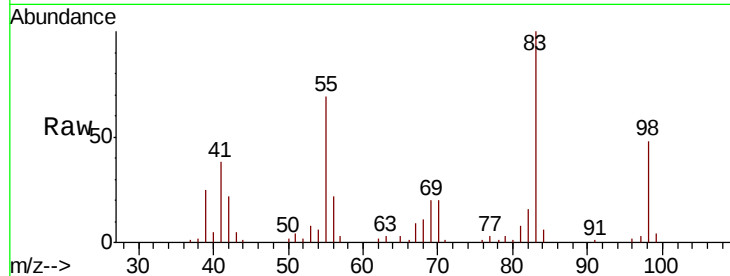




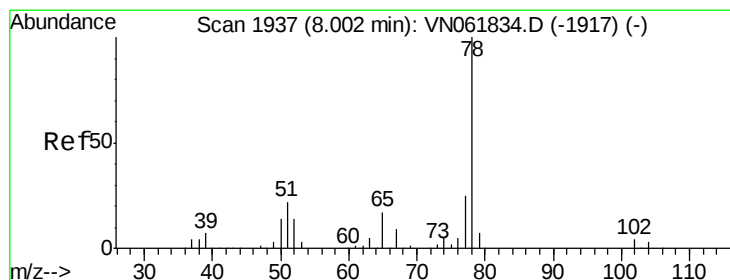
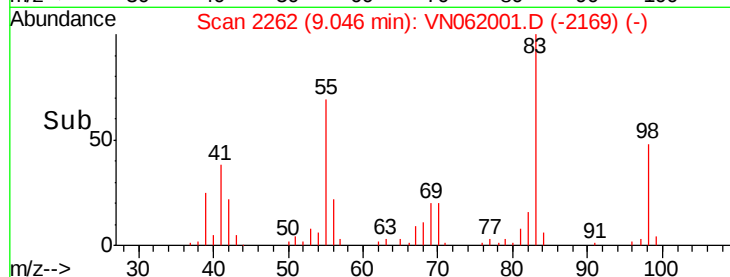
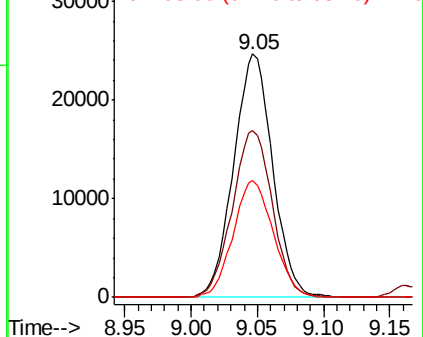
#39
Methvlcvclohexane
Concen: 18.513 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062001.D
Acq: 22 Jun 2020 15:54

Instrument :
MSVOA_N
ClientSampleId :
VN0622WBSD01

Tot Ion: 83 Resp: 50446
Ion Ratio Lower Upper
83 100
55 68.6 54.2 81.4
98 47.8 39.8 59.6

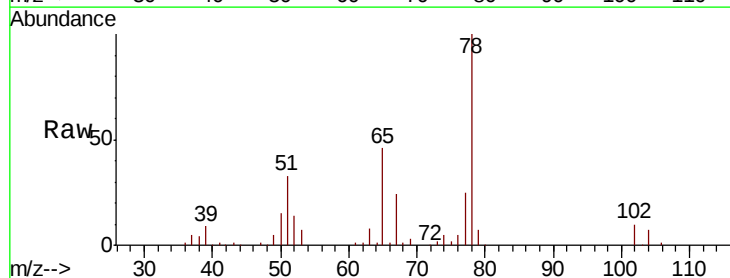


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

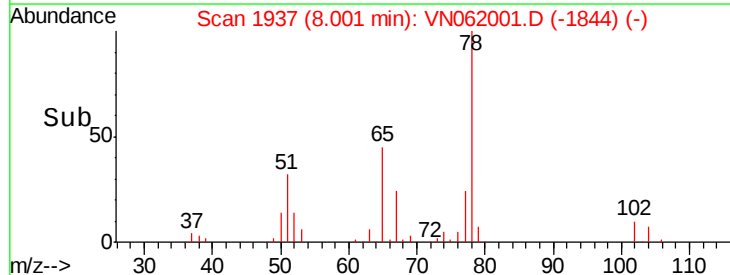
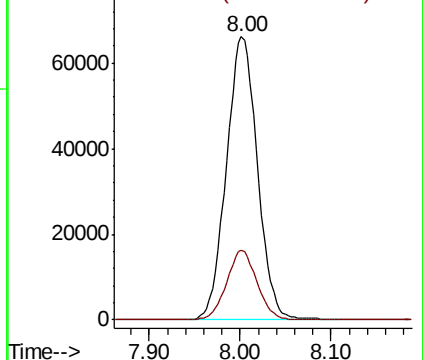


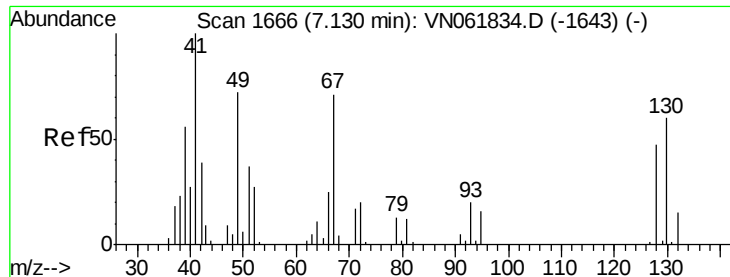
#40
Benzene
Concen: 20.428 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062001.D
Acq: 22 Jun 2020 15:54

Tgt Ion: 78 Resp: 156599
Ion Ratio Lower Upper
78 100
77 24.6 19.7 29.5



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

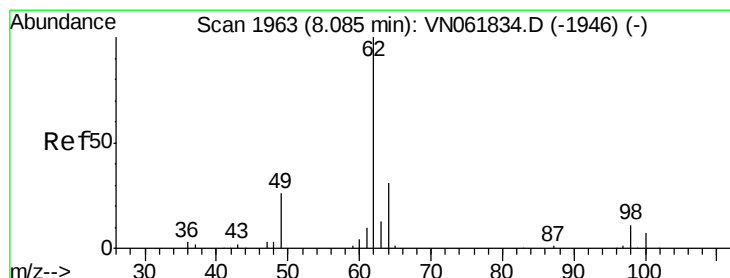
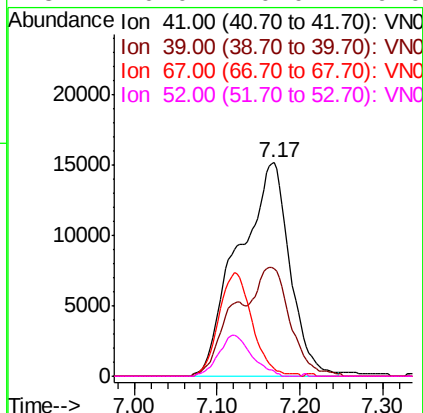
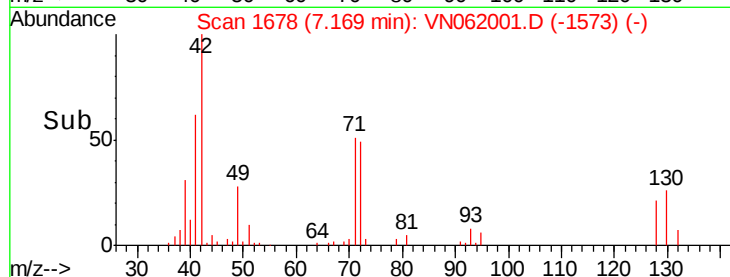
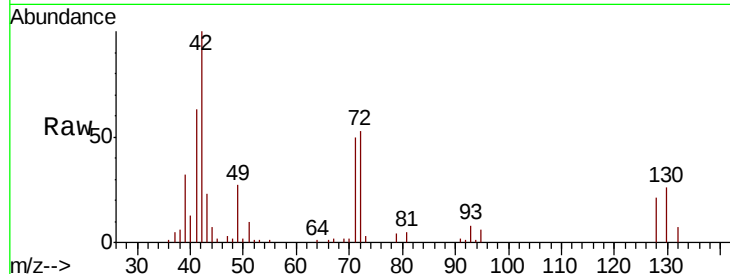




#41
Methacrylonitrile
Concen: 77.115 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. 0.04 min
Lab File: VN062001.D
Acq: 22 Jun 2020 15:54

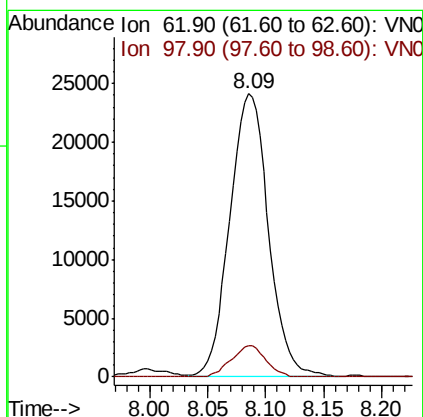
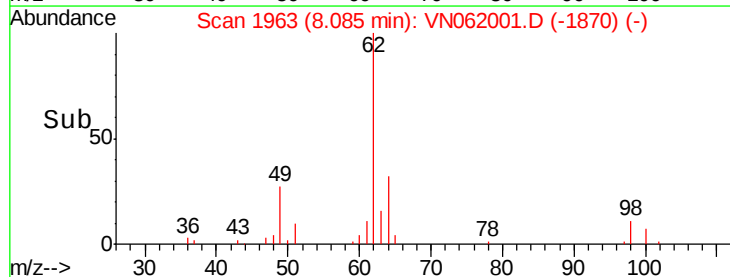
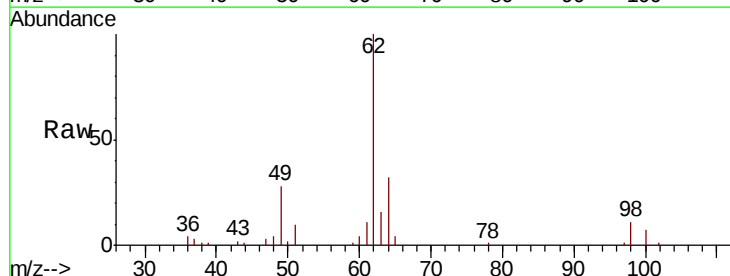
Instrument :
MSVOA_N
ClientSampleId :
VN0622WBSD01

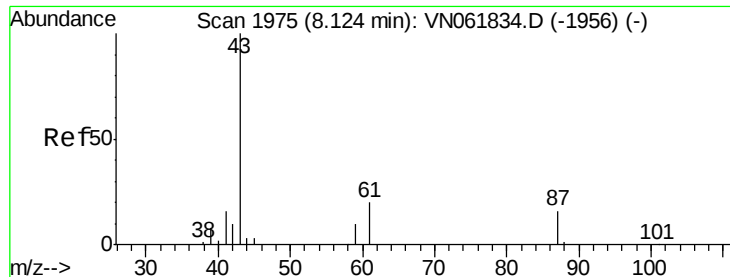
Tot Ion:	41	Resp:	65165
Ion	Ratio	Lower	Upper
41	100		
39	31.0	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 21.392 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062001.D
Acq: 22 Jun 2020 15:54

Tgt Ion:	62	Resp:	55916
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	20.4





#43

Isopropyl Acetate

Concen: 21.914 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN062001.D

Acq: 22 Jun 2020 15:54

Instrument :

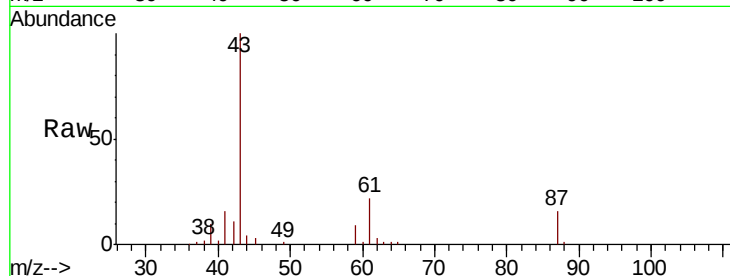
MSVOA_N

ClientSampleId :

VN0622WBSD01

Tot Ion: 43 Resp: 72982

Ion	Ratio	Lower	Upper
43	100		
61	22.3	24.0	36.0#
87	15.9	12.5	18.7

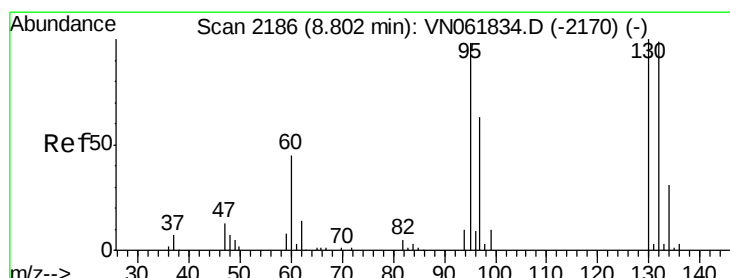
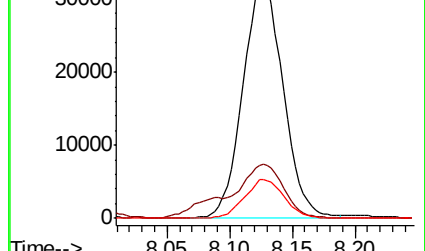
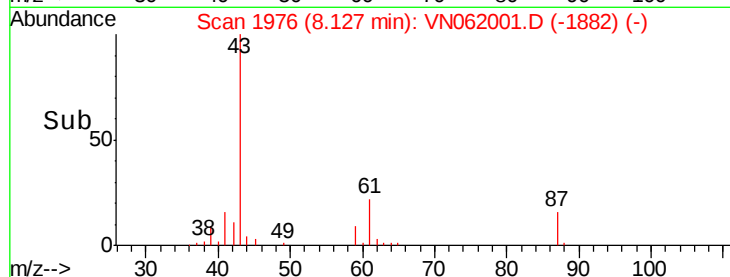


Abundance Ion 43.00 (42.70 to 43.70): VN061834.D (-1956) (-)

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

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

Time-->



#44

Trichloroethene

Concen: 20.123 ug/l

RT: 8.80 min Scan# 2186

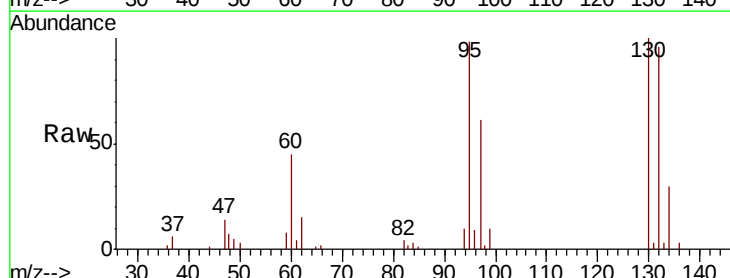
Delta R.T. -0.00 min

Lab File: VN062001.D

Acq: 22 Jun 2020 15:54

Tgt Ion:130 Resp: 40597

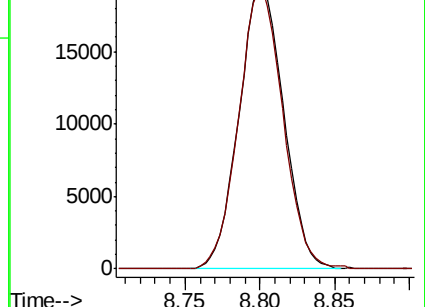
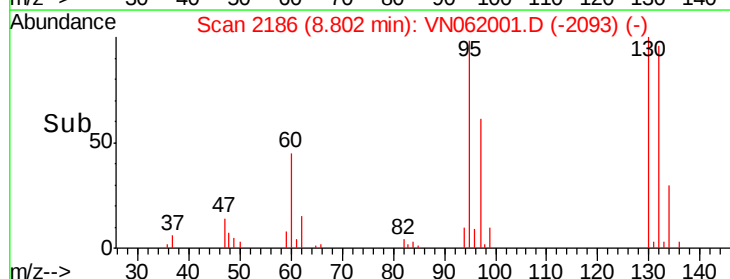
Ion	Ratio	Lower	Upper
130	100		
95	97.8	0.0	195.6

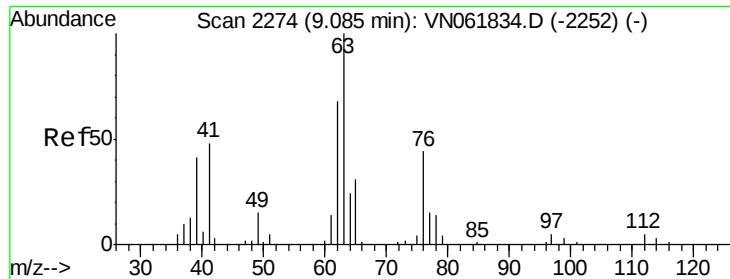


Abundance Ion 129.80 (129.50 to 130.50): VN061834.D (-2170) (-)

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

Time-->

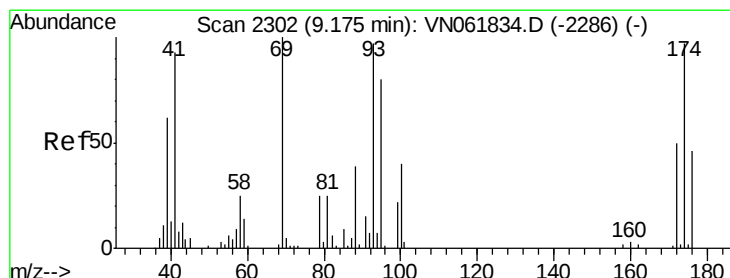
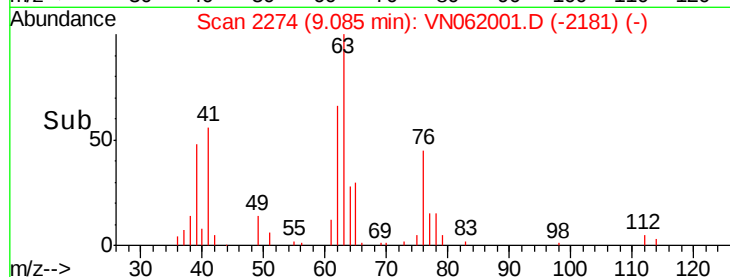
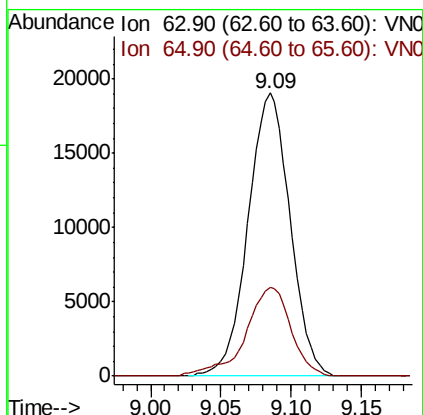
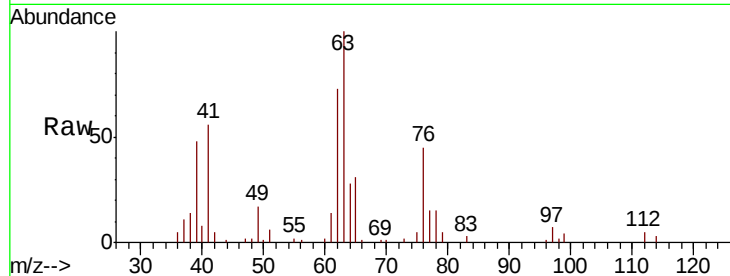




#45
 1,2-Dichloropropane
 Concen: 21.005 ug/l
 RT: 9.09 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN062001.D
 Acq: 22 Jun 2020 15:54

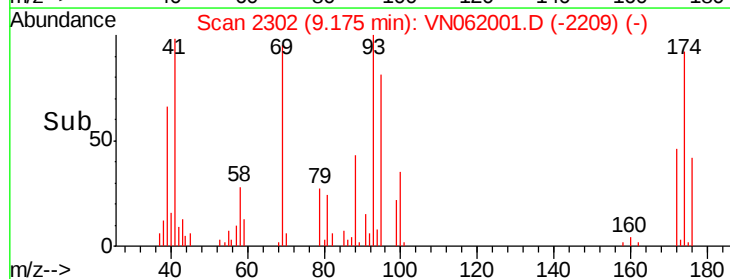
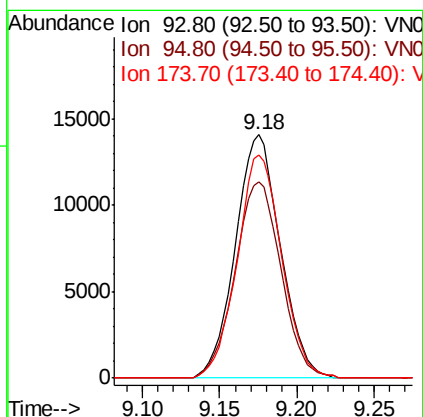
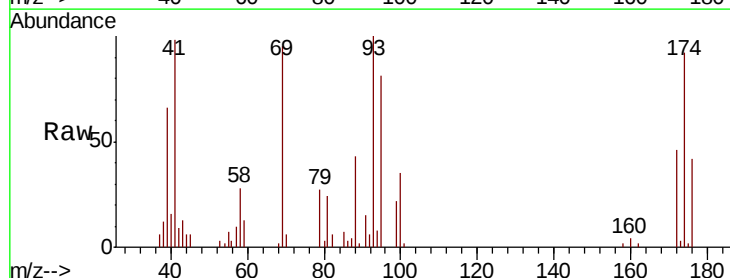
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0622WBSD01

Tot Ion: 63 Resp: 39571
 Ion Ratio Lower Upper
 63 100
 65 31.5 25.1 37.7



#46
 Dibromomethane
 Concen: 21.462 ug/l
 RT: 9.18 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN062001.D
 Acq: 22 Jun 2020 15:54

Tgt Ion: 93 Resp: 28471
 Ion Ratio Lower Upper
 93 100
 95 82.2 65.8 98.6
 174 90.6 78.5 117.7

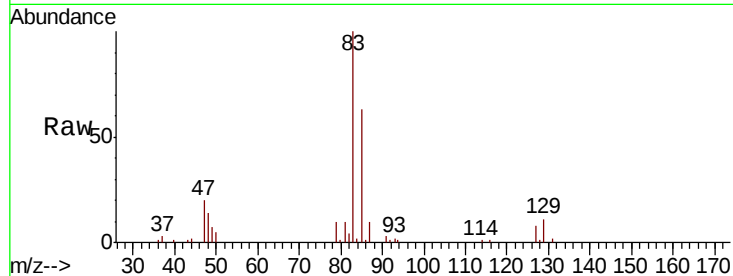




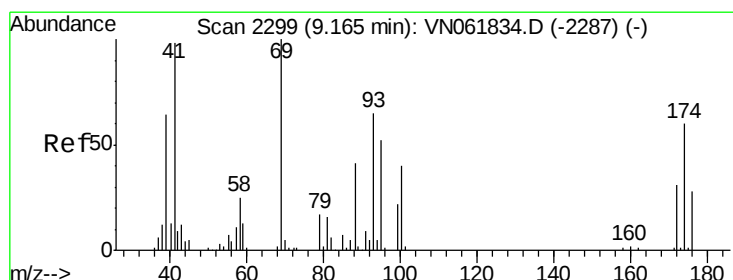
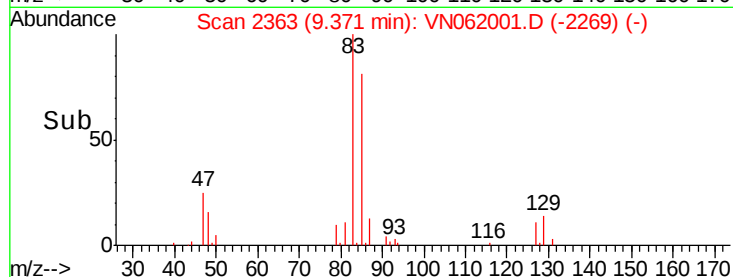
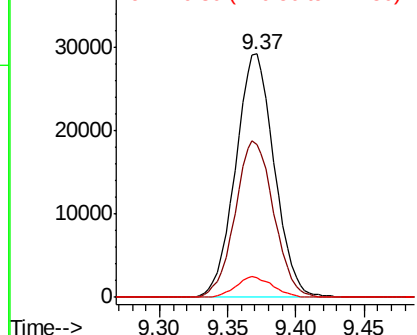
#47
Bromodichloromethane
Concen: 21.199 ug/l
RT: 9.37 min Scan# 2363
Delta R.T. 0.00 min
Lab File: VN062001.D
Acq: 22 Jun 2020 15:54

Instrument :
MSVOA_N
ClientSampleId :
VN0622WBSD01

Tot Ion: 83 Resp: 57586
Ion Ratio Lower Upper
83 100
85 63.0 50.8 76.2
127 8.2 7.0 10.4

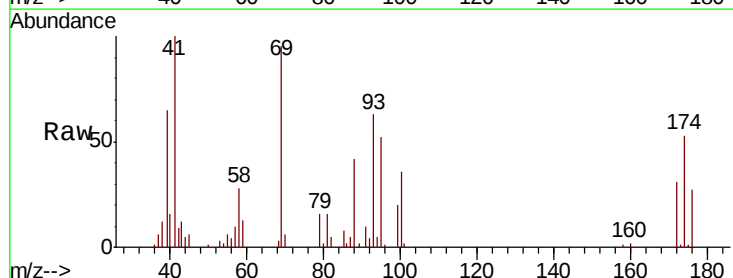


Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): VN0

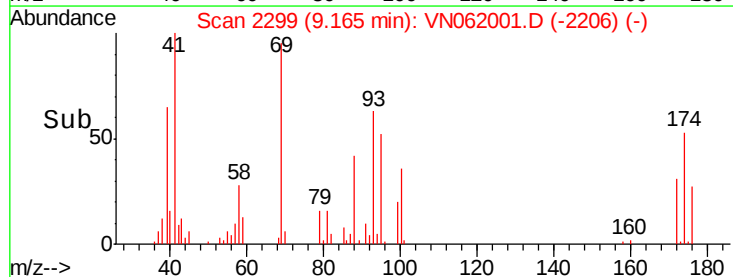
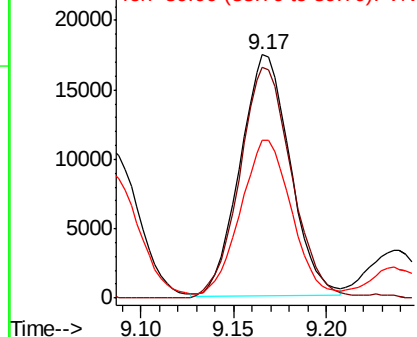


#48
Methyl methacrylate
Concen: 21.511 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062001.D
Acq: 22 Jun 2020 15:54

Tgt Ion: 41 Resp: 32579
Ion Ratio Lower Upper
41 100
69 99.3 83.0 124.4
39 67.7 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: 435.160 ug/l

RT: 9.17 min Scan# 2300

Delta R.T. 0.00 min

Lab File: VN062001.D

Acq: 22 Jun 2020 15:54

Instrument :

MSVOA_N

ClientSampleId :

VN0622WBSD01

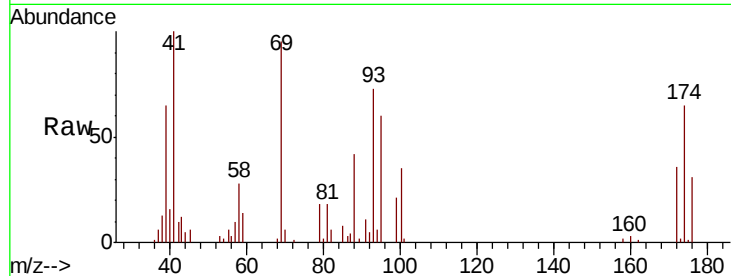
Tot Ion: 88 Resp: 15131

Ion Ratio Lower Upper

88 100

43 30.6 23.4 35.2

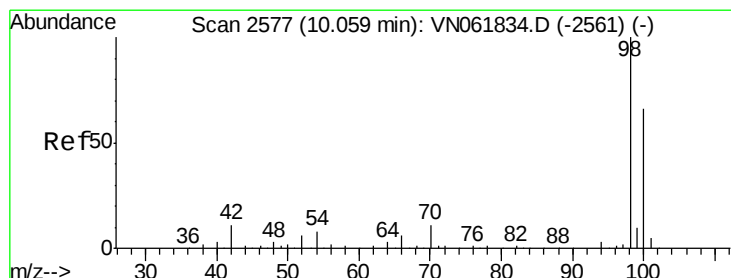
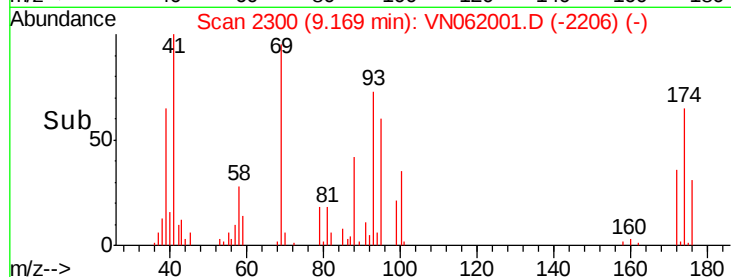
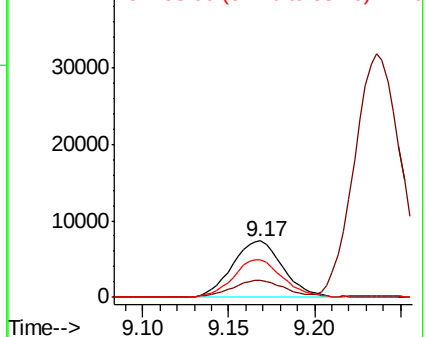
58 65.0 49.8 74.6



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: 50.944 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062001.D

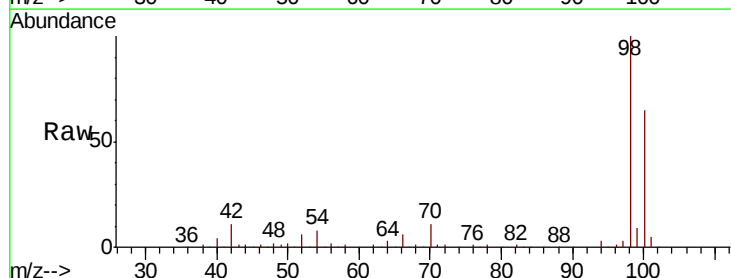
Acq: 22 Jun 2020 15:54

Tgt Ion: 98 Resp: 355493

Ion Ratio Lower Upper

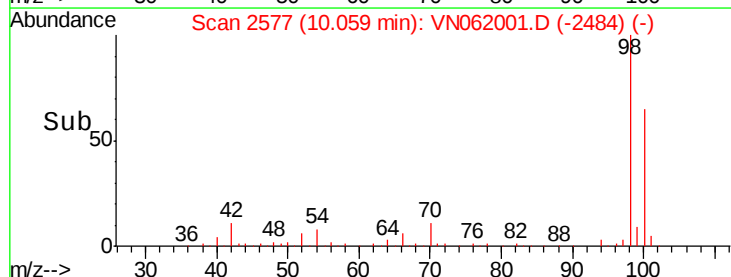
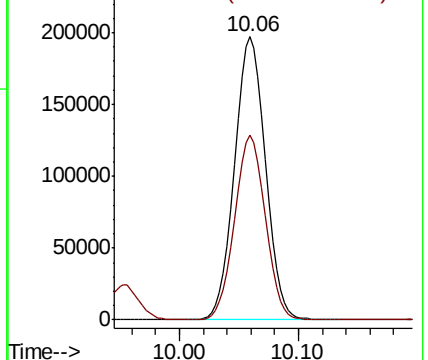
98 100

100 64.9 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: 115.654 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN062001.D

Acq: 22 Jun 2020 15:54

Instrument :

MSVOA_N

ClientSampleId :

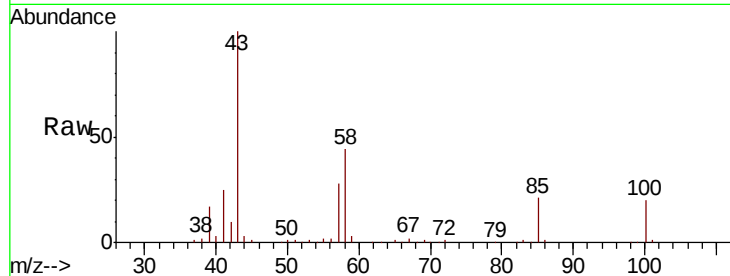
VN0622WBSD01

Tot Ion: 43 Resp: 227607

Ion Ratio Lower Upper

43 100

58 43.5 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

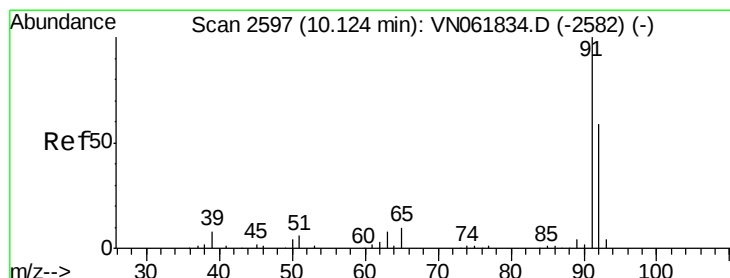
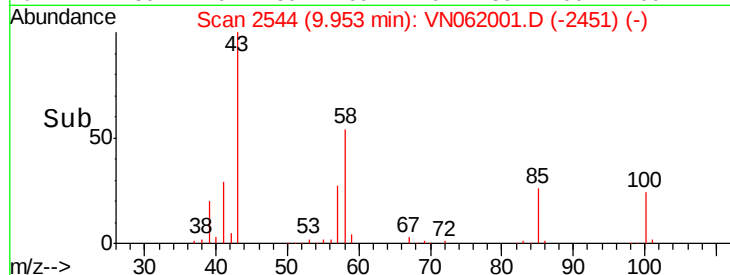
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 20.944 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062001.D

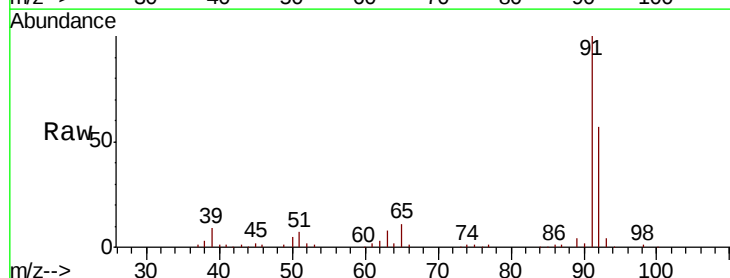
Acq: 22 Jun 2020 15:54

Tgt Ion: 92 Resp: 100833

Ion Ratio Lower Upper

92 100

91 170.0 137.1 205.7



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

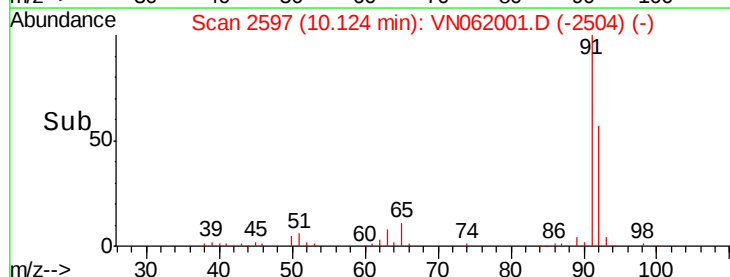
60000

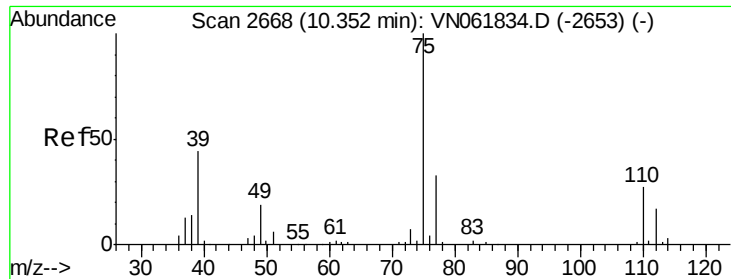
40000

20000

0

Time-->

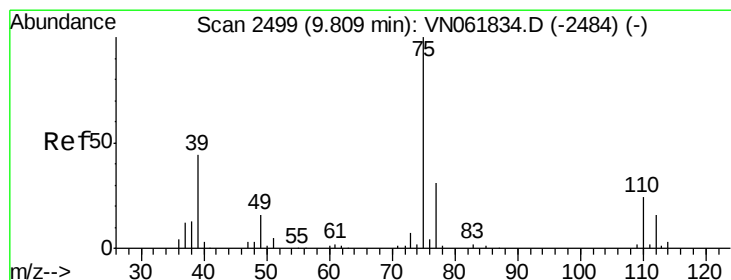
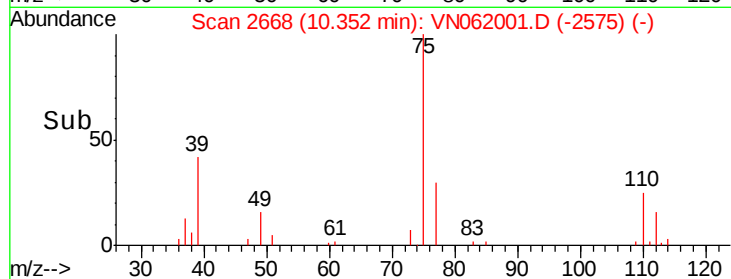
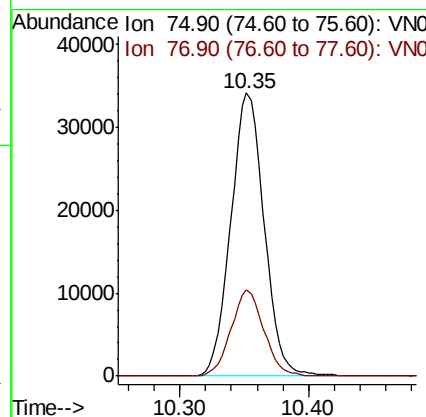
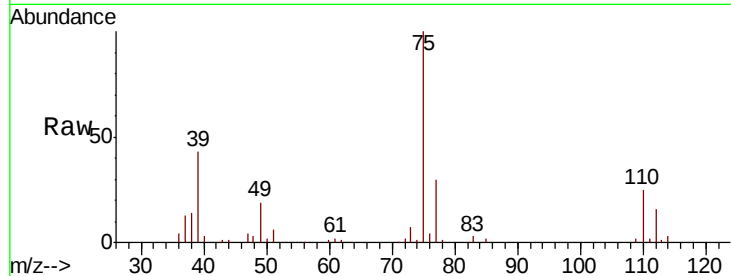




#53
t-1,3-Dichloropropene
Concen: 21.265 ug/l
RT: 10.35 min Scan# 2668
Delta R.T. -0.00 min
Lab File: VN062001.D
Acq: 22 Jun 2020 15:54

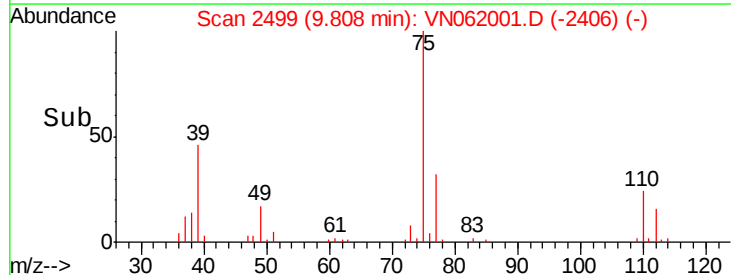
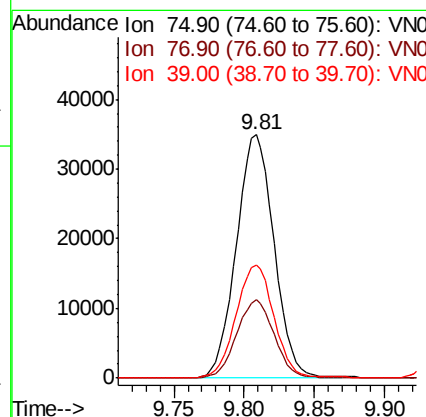
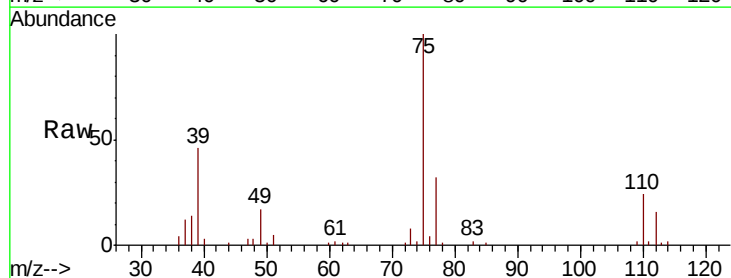
Instrument :
MSVOA_N
ClientSampleId :
VN0622WBSD01

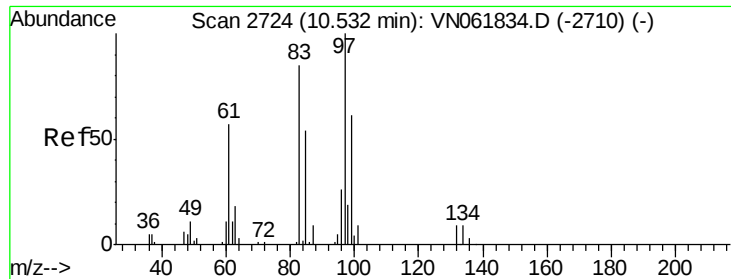
Tot Ion: 75 Resp: 61321
Ion Ratio Lower Upper
75 100
77 30.5 26.3 39.5



#54
cis-1,3-Dichloropropene
Concen: 20.917 ug/l
RT: 9.81 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VN062001.D
Acq: 22 Jun 2020 15:54

Tgt Ion: 75 Resp: 65514
Ion Ratio Lower Upper
75 100
77 32.1 24.8 37.2
39 46.4 35.4 53.0





#55

1,1,2-Trichloroethane

Concen: 22.326 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.00 min

Lab File: VN062001.D

Acq: 22 Jun 2020 15:54

Instrument :

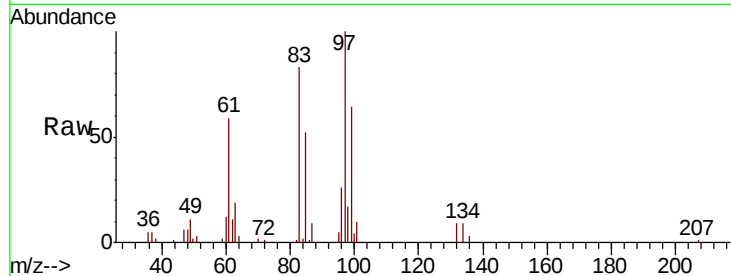
MSVOA_N

ClientSampled :

VN0622WBSD01

Tot Ion: 97 Resp: 42290

Ion	Ratio	Lower	Upper
97	100		
83	82.8	67.7	101.5
85	51.9	43.4	65.0
99	63.5	48.8	73.2



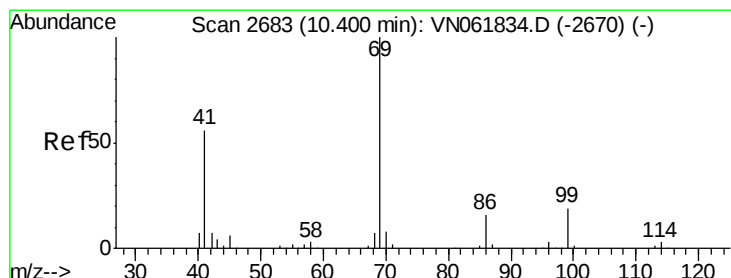
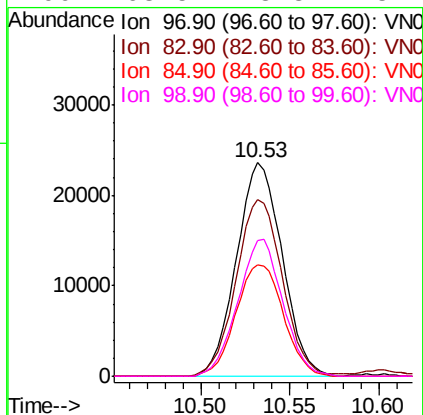
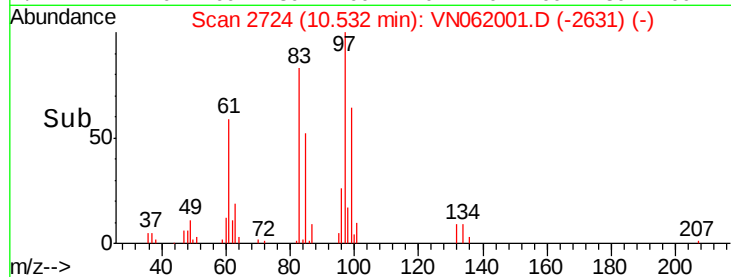
Abundance

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: 20.495 ug/l

RT: 10.40 min Scan# 2684

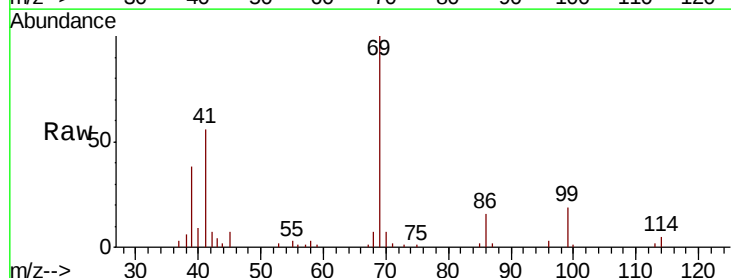
Delta R.T. 0.00 min

Lab File: VN062001.D

Acq: 22 Jun 2020 15:54

Tgt Ion: 69 Resp: 54039

Ion	Ratio	Lower	Upper
69	100		
41	59.7	44.9	67.3
39	39.2	30.0	45.0

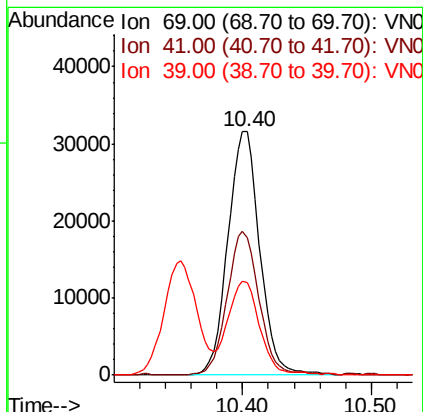
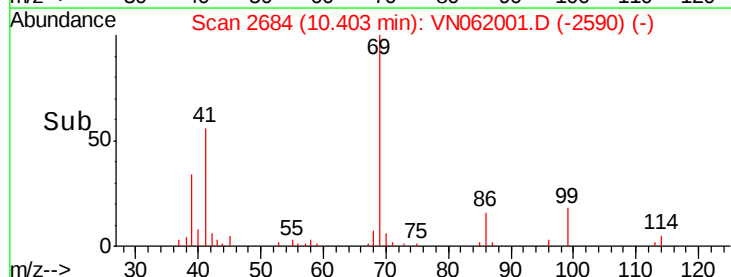


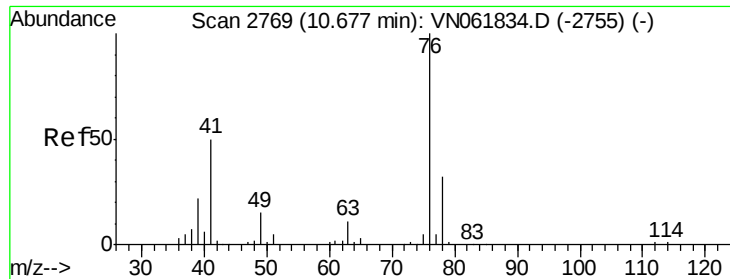
Abundance

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

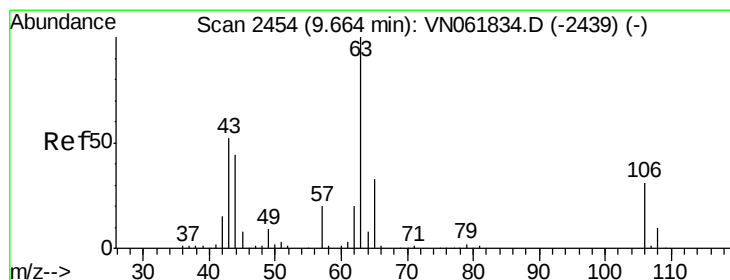
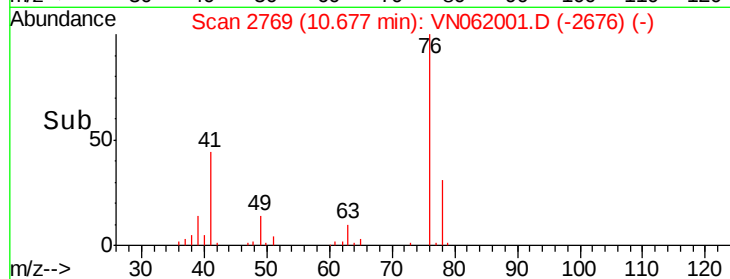
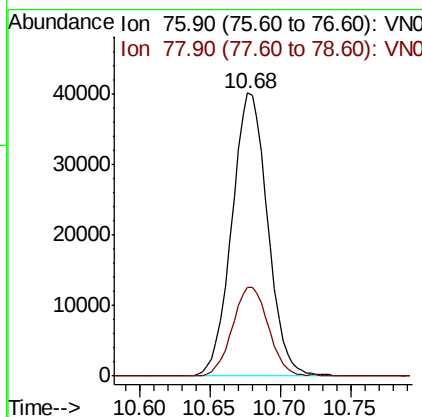
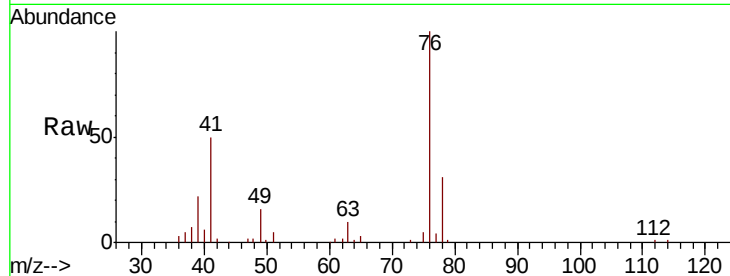




#57
 1,3-Dichloropropane
 Concen: 22.233 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN062001.D
 Acq: 22 Jun 2020 15:54

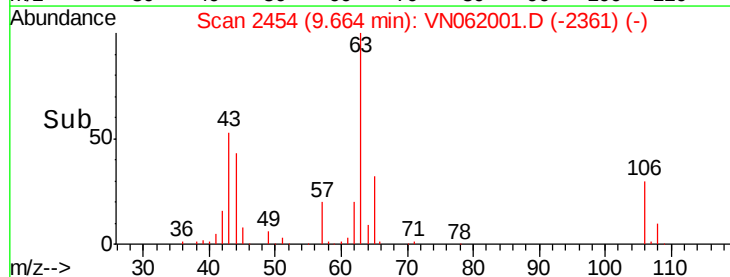
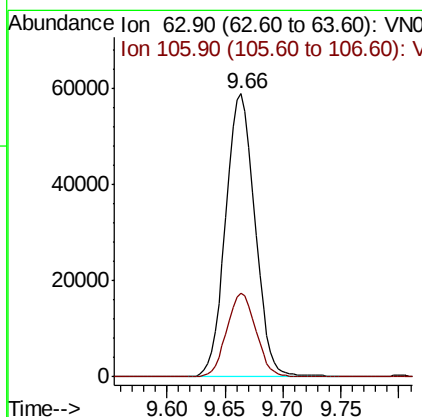
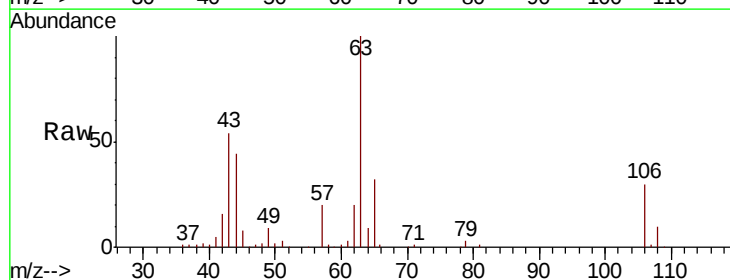
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0622WBSD01

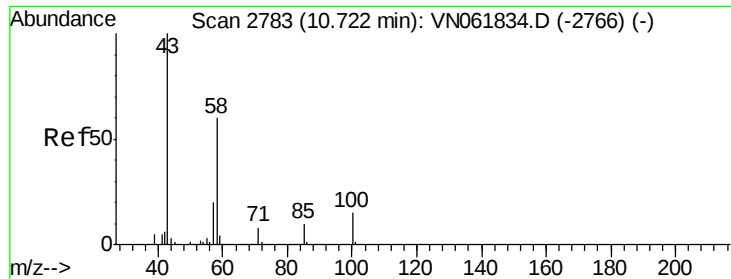
Tot Ion: 76 Resp: 71347
 Ion Ratio Lower Upper
 76 100
 78 31.3 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 103.199 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. -0.00 min
 Lab File: VN062001.D
 Acq: 22 Jun 2020 15:54

Tgt Ion: 63 Resp: 103168
 Ion Ratio Lower Upper
 63 100
 106 29.4 24.6 36.8

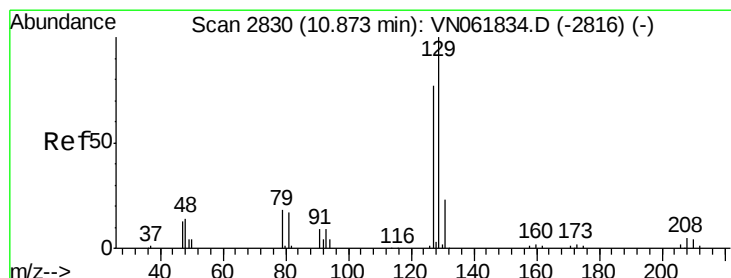
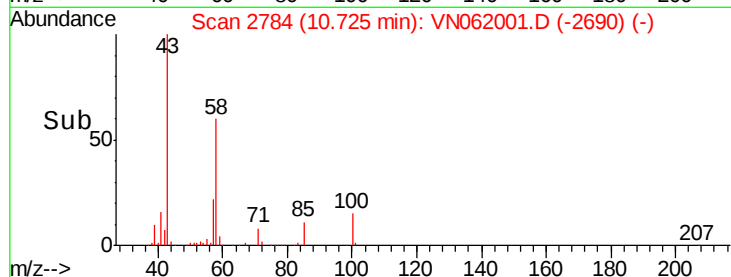
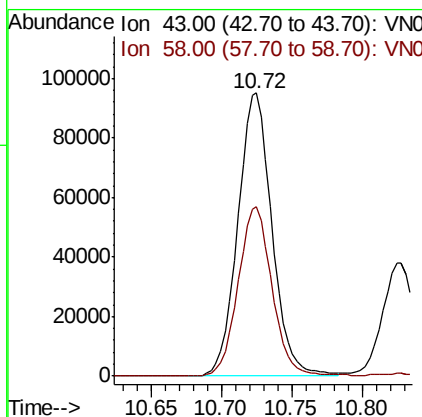
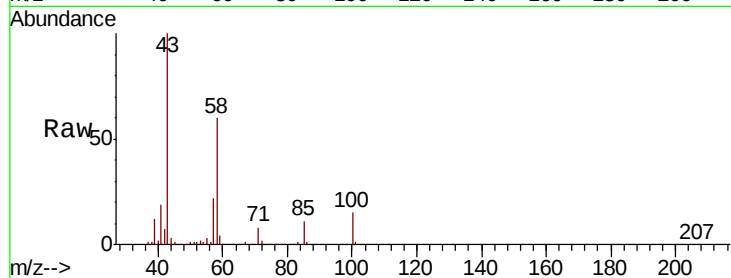




#59
2-Hexanone
Concen: 110.691 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN062001.D
Acq: 22 Jun 2020 15:54

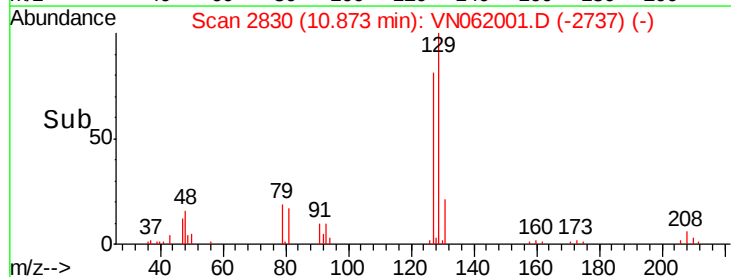
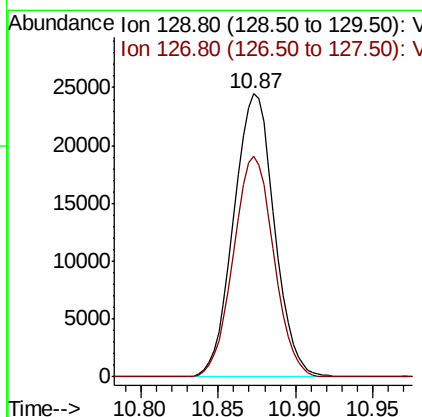
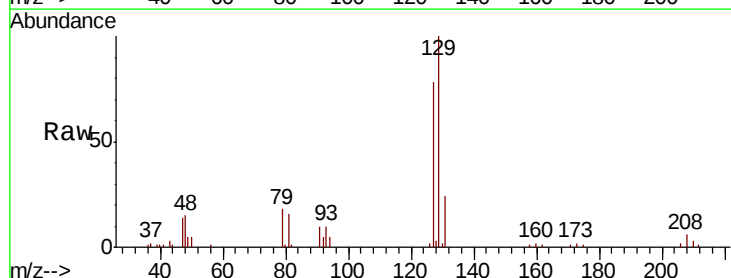
Instrument :
MSVOA_N
ClientSampleId :
VN0622WBSD01

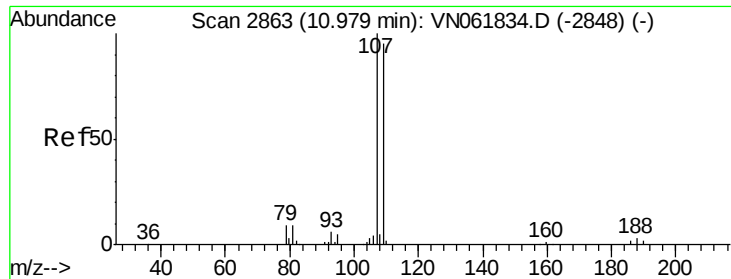
Tot Ion: 43 Resp: 161623
Ion Ratio Lower Upper
43 100
58 59.7 30.1 90.5



#60
Dibromochloromethane
Concen: 21.199 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062001.D
Acq: 22 Jun 2020 15:54

Tgt Ion:129 Resp: 44808
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.5

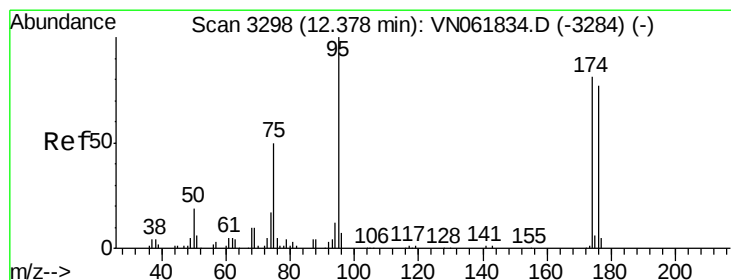
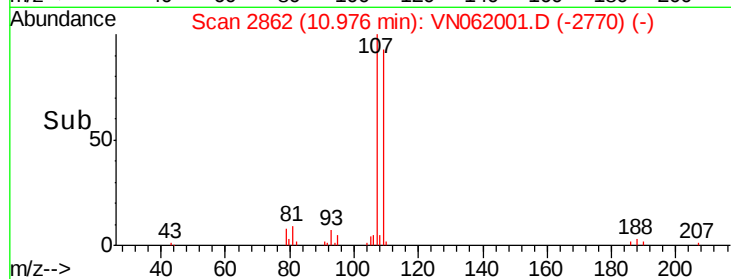
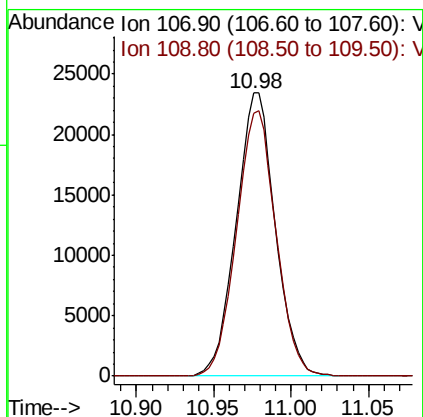
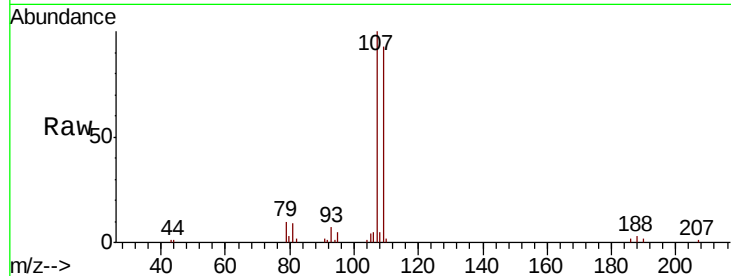




#61
 1,2-Dibromoethane
 Concen: 20.807 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN062001.D
 Acq: 22 Jun 2020 15:54

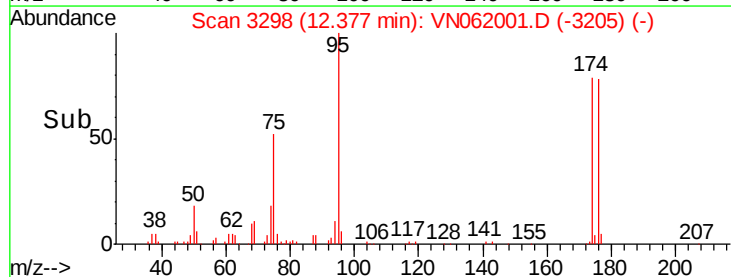
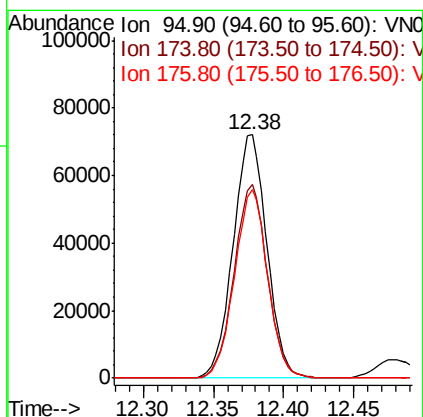
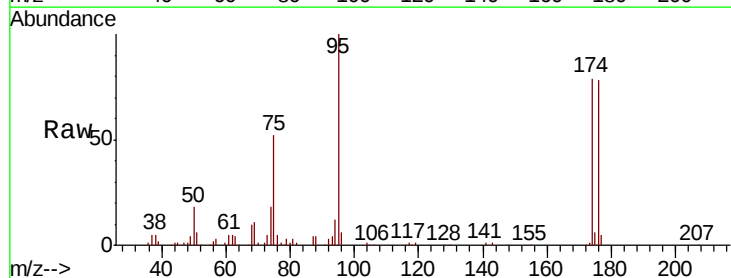
Instrument :
 MSVOA_N
 ClientSampled :
 VN0622WBSD01

Tot Ion:107 Resp: 41155
 Ion Ratio Lower Upper
 107 100
 109 94.5 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 50.536 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN062001.D
 Acq: 22 Jun 2020 15:54

Tgt Ion: 95 Resp: 120962
 Ion Ratio Lower Upper
 95 100
 174 77.9 0.0 158.6
 176 75.9 0.0 152.0

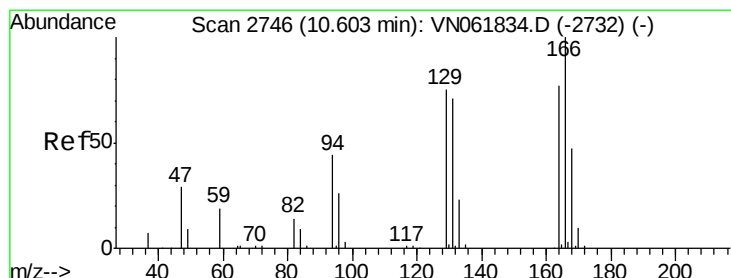
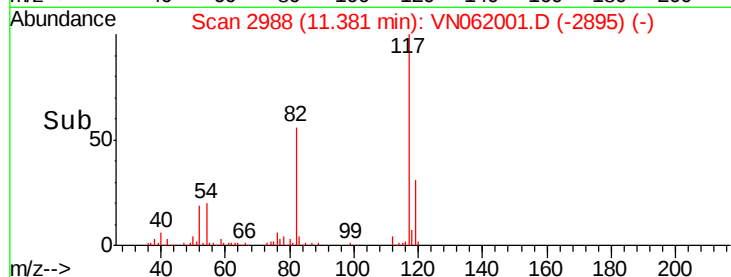
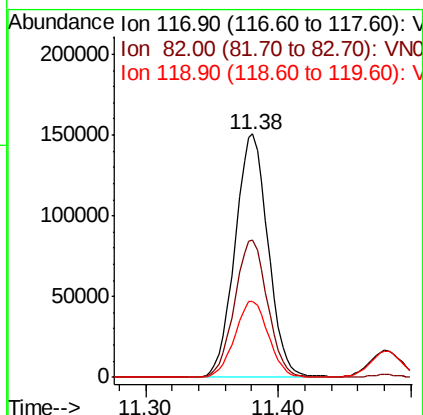
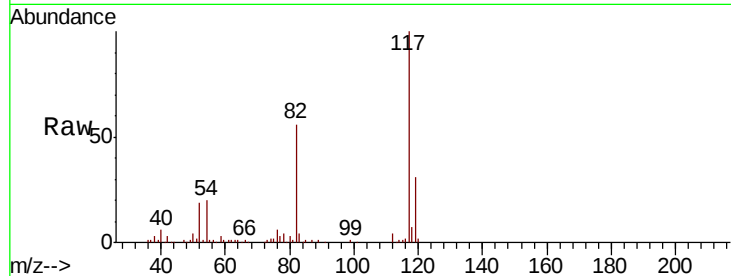




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062001.D
Acq: 22 Jun 2020 15:54

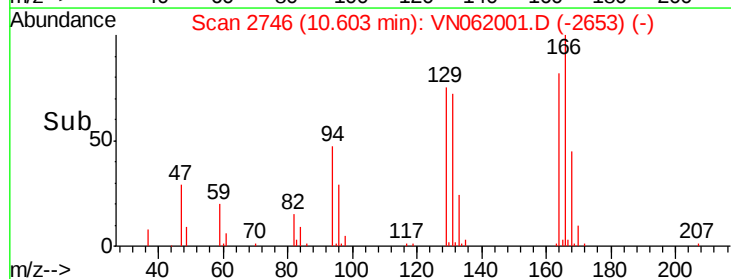
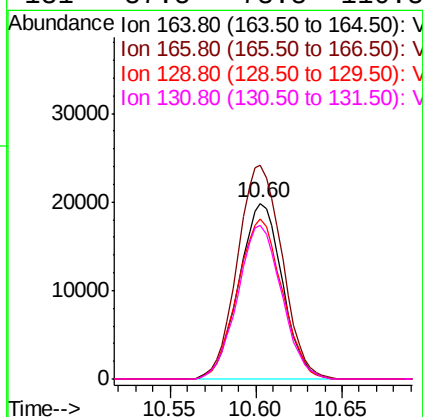
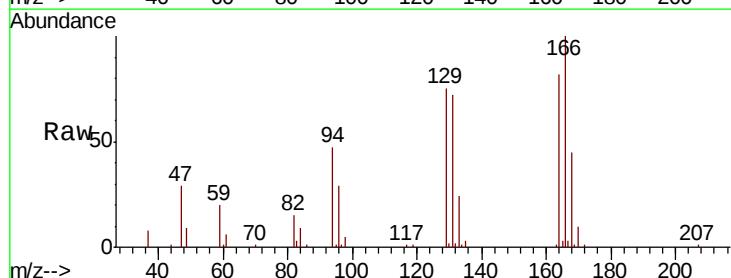
Instrument :
MSVOA_N
ClientSampleId :
VN0622WBSD01

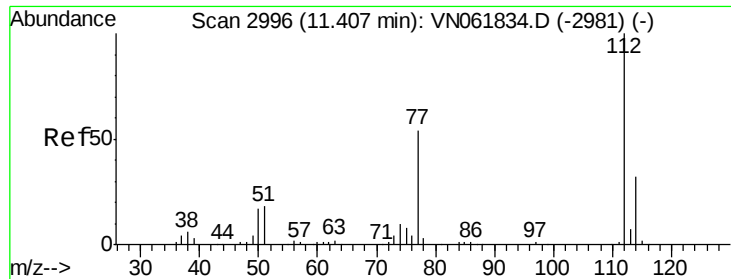
Tot Ion:117 Resp: 260768
Ion Ratio Lower Upper
117 100
82 56.5 42.6 64.0
119 31.5 24.7 37.1



#64
Tetrachloroethene
Concen: 20.913 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062001.D
Acq: 22 Jun 2020 15:54

Tgt Ion:164 Resp: 34759
Ion Ratio Lower Upper
164 100
166 121.4 103.5 155.3
129 91.2 77.5 116.3
131 87.5 73.8 110.8

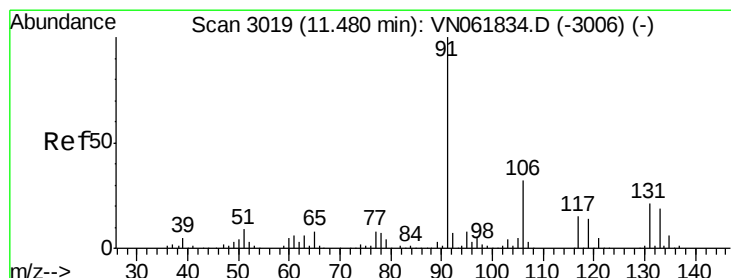
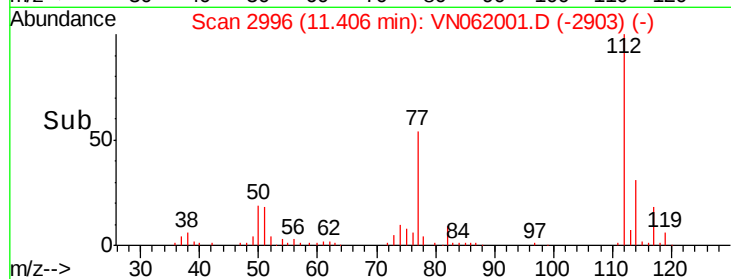
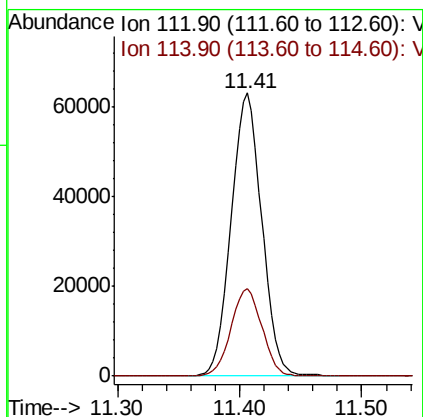
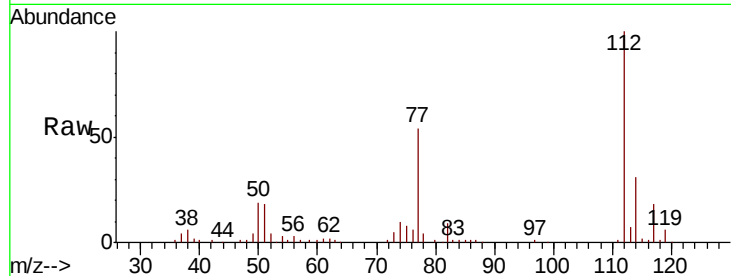




#65
Chlorobenzene
Concen: 20.067 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062001.D
Acq: 22 Jun 2020 15:54

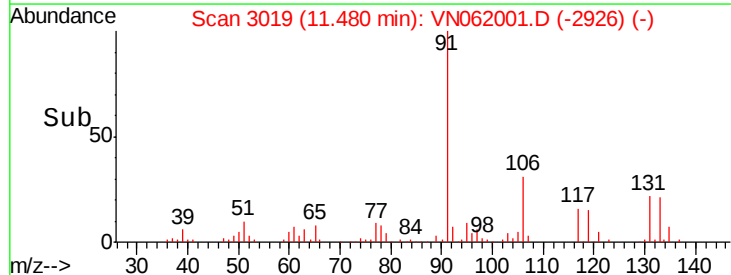
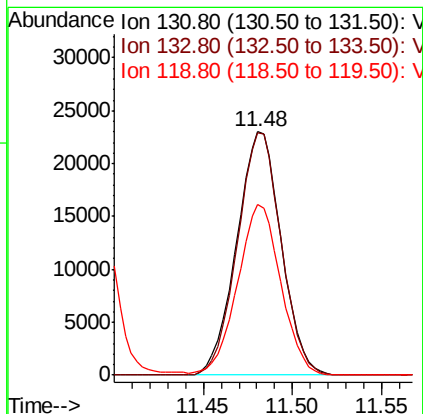
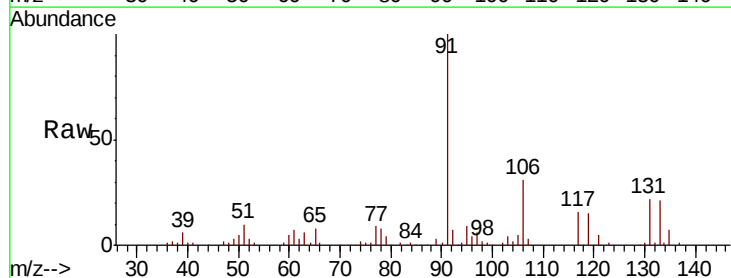
Instrument :
MSVOA_N
ClientSampleId :
VN0622WBSD01

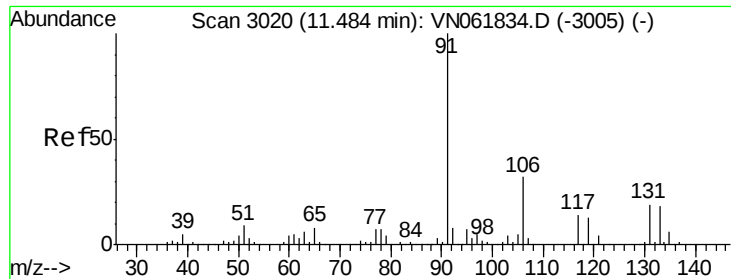
Tot Ion:112 Resp: 110419
Ion Ratio Lower Upper
112 100
114 30.8 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.877 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062001.D
Acq: 22 Jun 2020 15:54

Tgt Ion:131 Resp: 40063
Ion Ratio Lower Upper
131 100
133 97.9 47.5 142.5
119 68.3 34.0 101.8

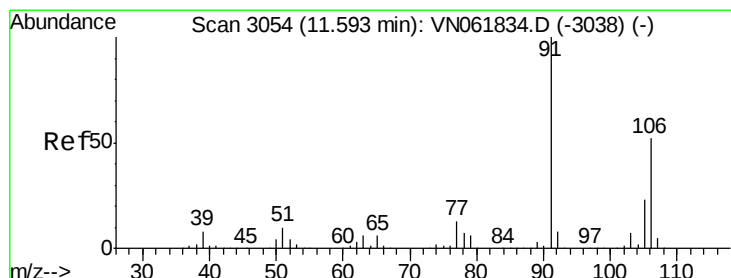
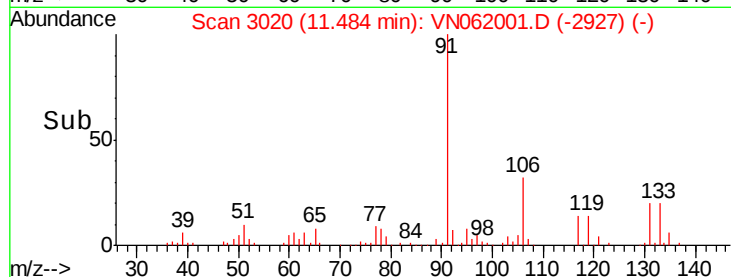
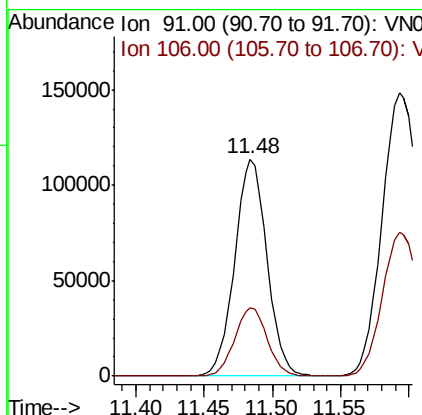
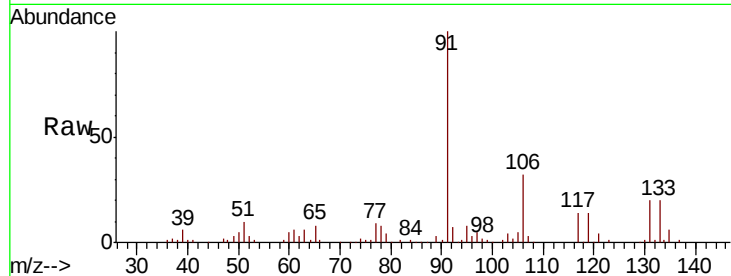




#67
Ethyl Benzene
Concen: 20.191 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062001.D
Acq: 22 Jun 2020 15:54

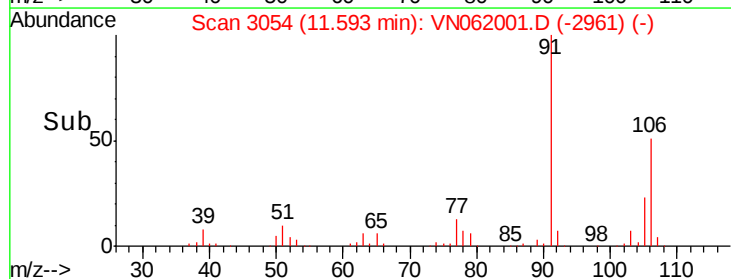
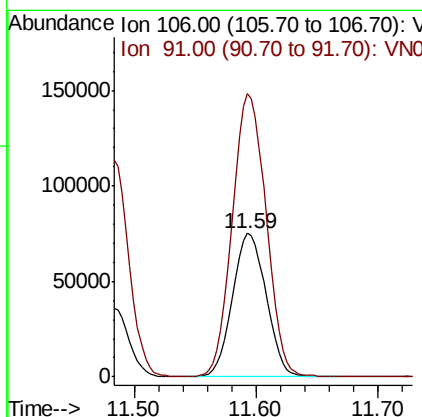
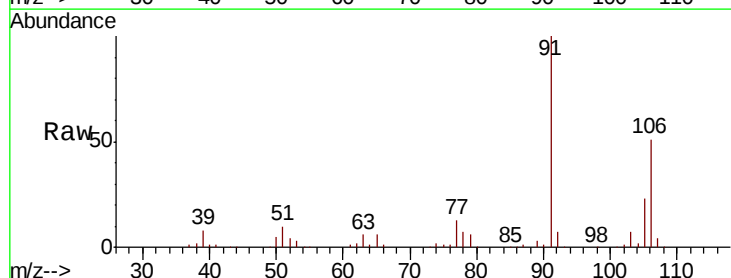
Instrument :
MSVOA_N
ClientSampled :
VN0622WBSD01

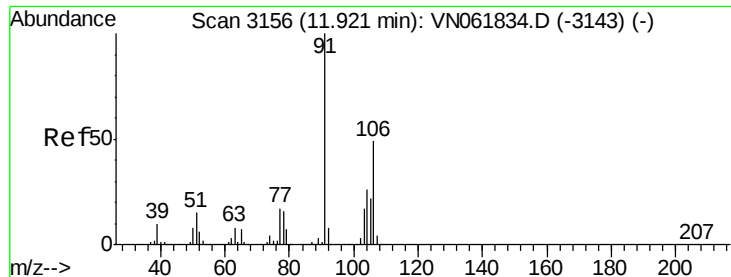
Tot Ion: 91 Resp: 186277
Ion Ratio Lower Upper
91 100
106 31.5 25.4 38.2



#68
m/p-Xylenes
Concen: 40.517 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN062001.D
Acq: 22 Jun 2020 15:54

Tgt Ion: 106 Resp: 144134
Ion Ratio Lower Upper
106 100
91 197.6 157.0 235.6

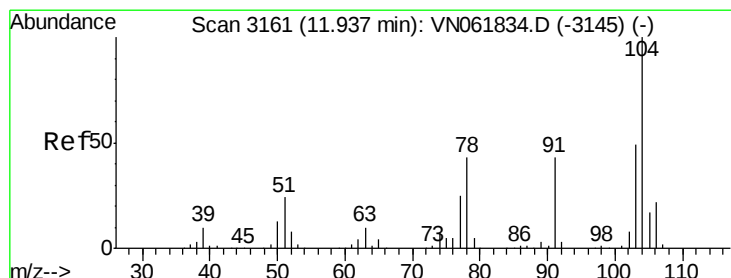
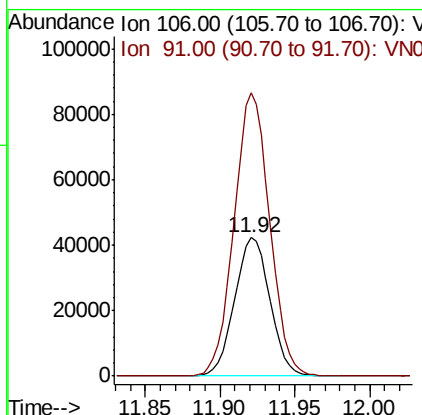
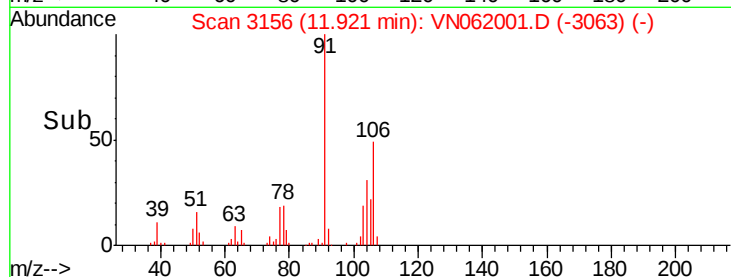
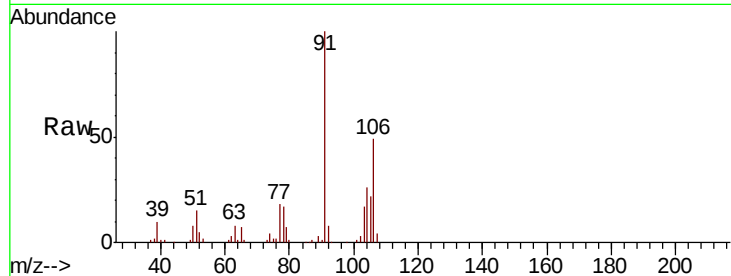




#69
o-Xylene
Concen: 20.514 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062001.D
Acq: 22 Jun 2020 15:54

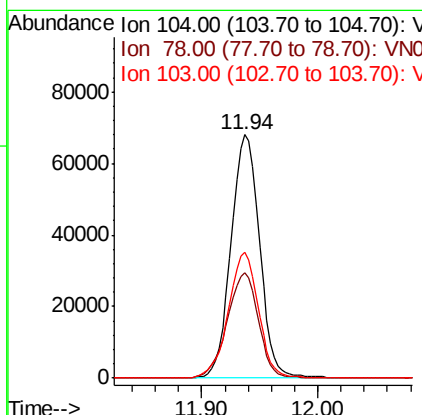
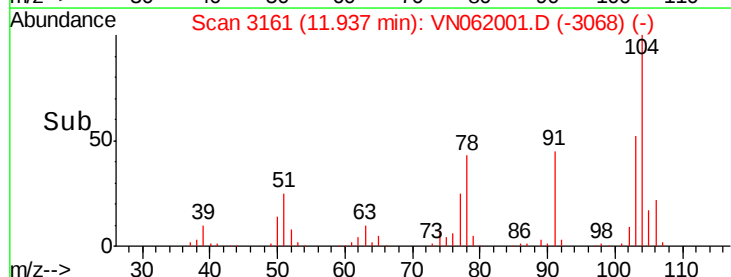
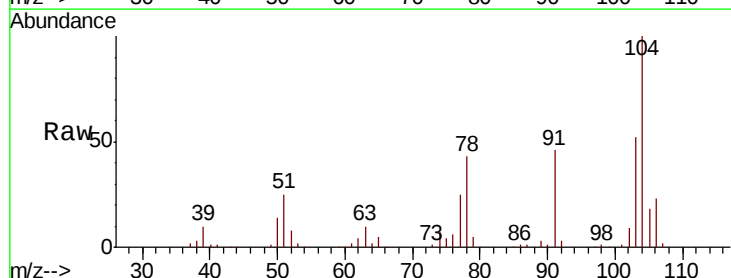
Instrument :
MSVOA_N
ClientSampled :
VN0622WBSD01

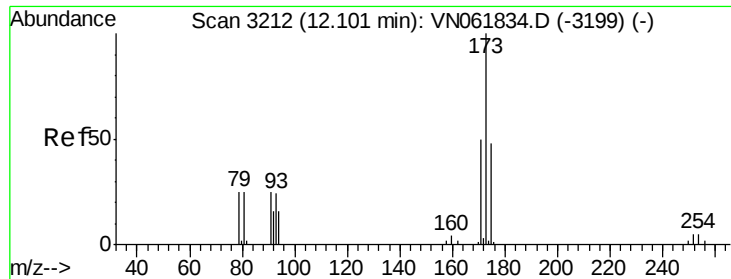
Tot Ion:106 Resp: 69630
Ion Ratio Lower Upper
106 100
91 205.6 103.0 308.9



#70
Styrene
Concen: 20.403 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062001.D
Acq: 22 Jun 2020 15:54

Tgt Ion:104 Resp: 115957
Ion Ratio Lower Upper
104 100
78 47.3 37.6 56.4
103 54.4 43.0 64.4





#71

Bromoform

Concen: 20.920 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062001.D

Acq: 22 Jun 2020 15:54

Instrument :

MSVOA_N

ClientSampleId :

VN0622WBSD01

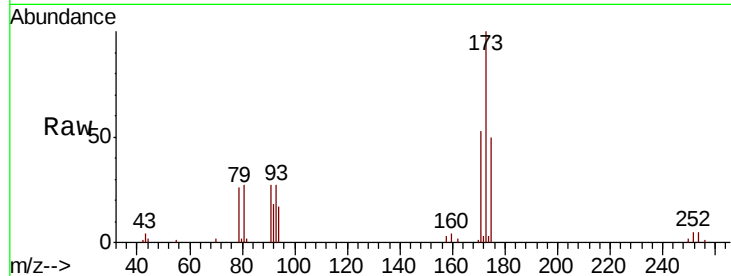
Tot Ion:173 Resp: 29273

Ion Ratio Lower Upper

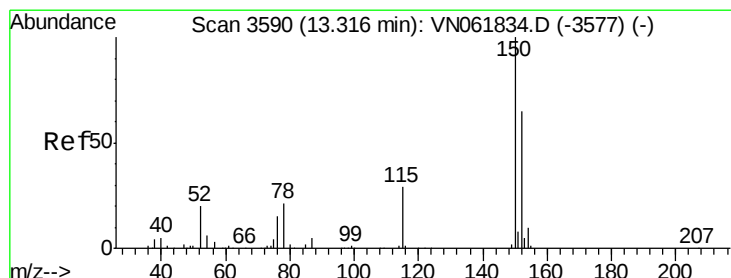
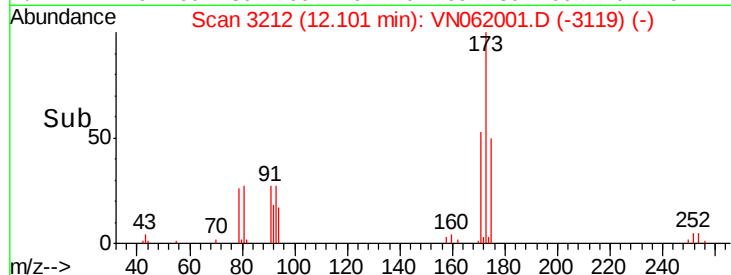
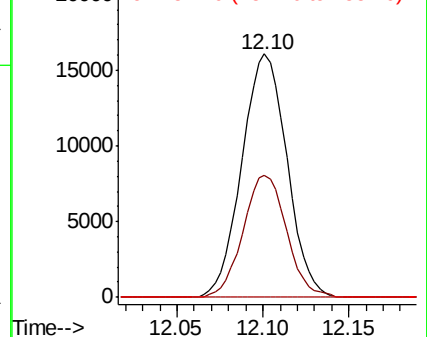
173 100

175 48.3 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: VN062001.D

Acq: 22 Jun 2020 15:54

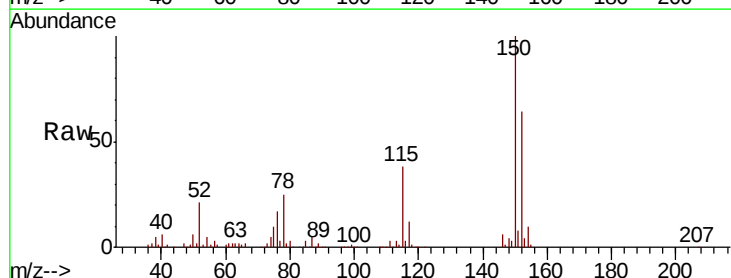
Tgt Ion:152 Resp: 122182

Ion Ratio Lower Upper

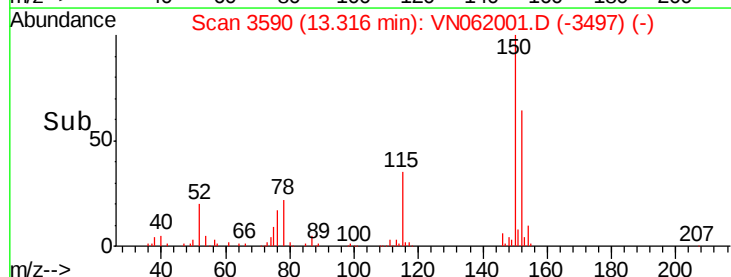
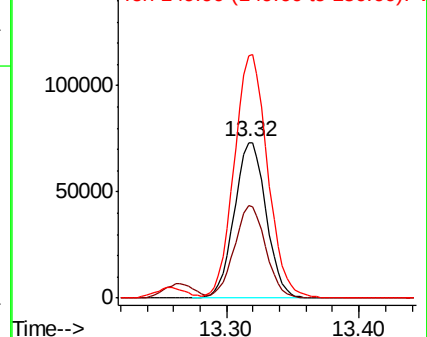
152 100

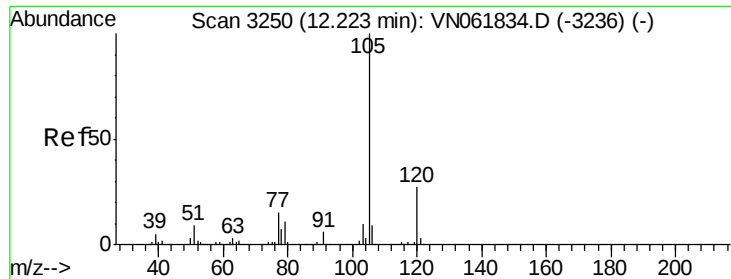
115 58.9 29.1 87.3

150 163.8 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: 21.108 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062001.D

Acq: 22 Jun 2020 15:54

Instrument :

MSVOA_N

ClientSampleId :

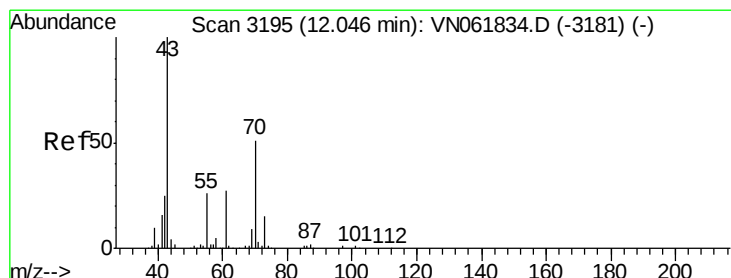
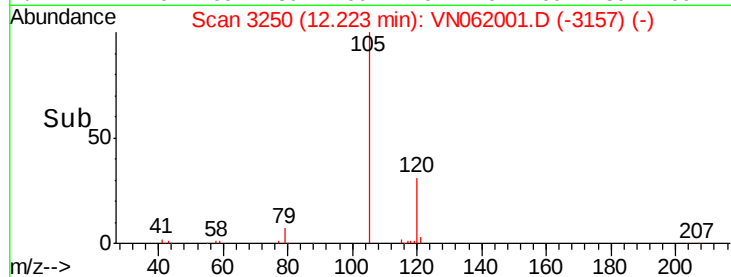
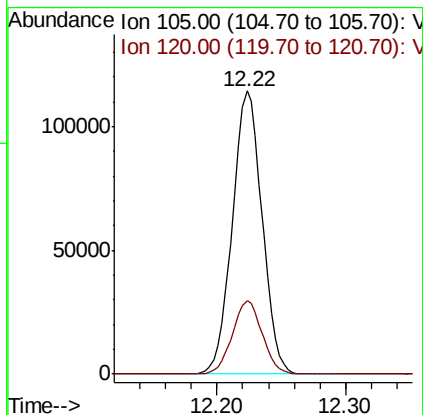
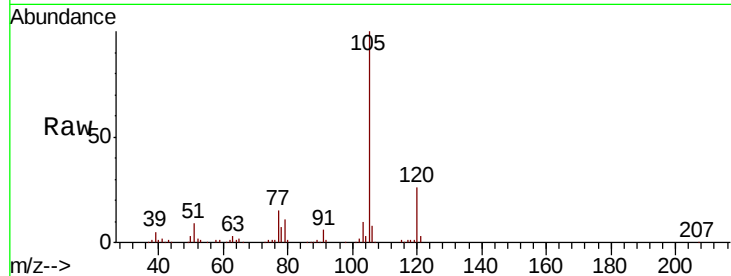
VN0622WBSD01

Tot Ion:105 Resp: 183264

Ion Ratio Lower Upper

105 100

120 26.1 13.3 39.8



#74

N-ethyl acetate

Concen: 21.099 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN062001.D

Acq: 22 Jun 2020 15:54

Tgt Ion: 43 Resp: 60409

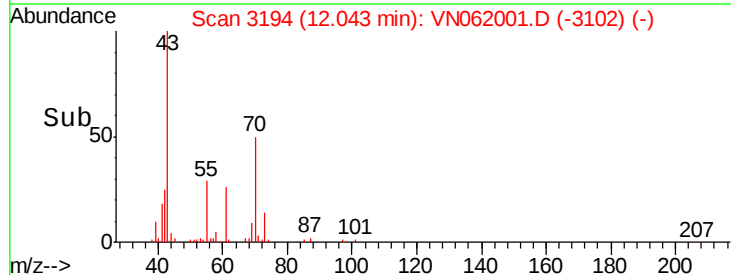
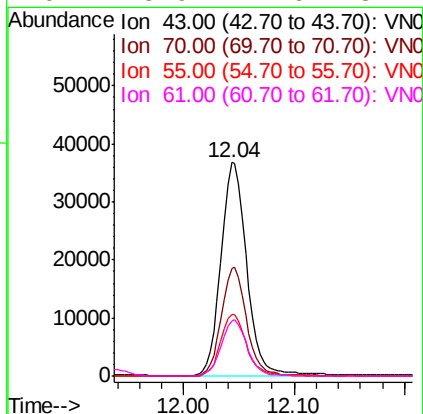
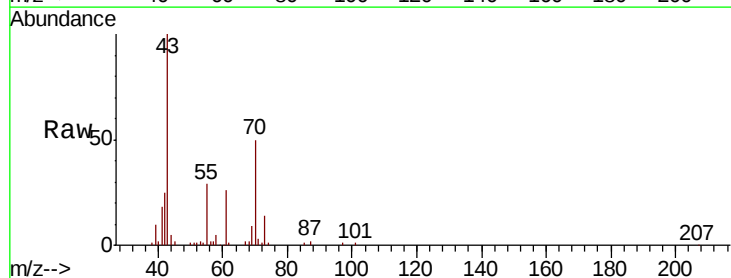
Ion Ratio Lower Upper

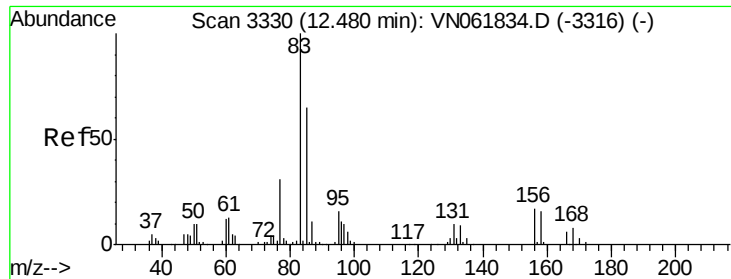
43 100

70 49.2 40.6 60.8

55 28.6 21.5 32.3

61 25.9 21.6 32.4





#75

1,1,2,2-Tetrachloroethane

Concen: 22.030 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN062001.D

Acq: 22 Jun 2020 15:54

Instrument :

MSVOA_N

ClientSampleId :

VN0622WBSD01

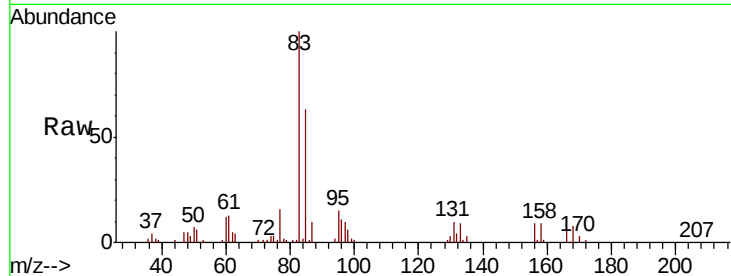
Tot Ion: 83 Resp: 62187

Ion Ratio Lower Upper

83 100

131 10.4 5.0 15.0

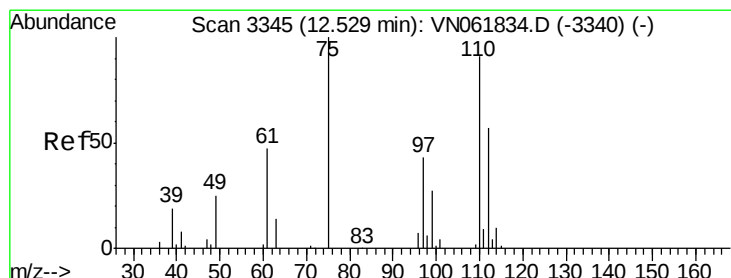
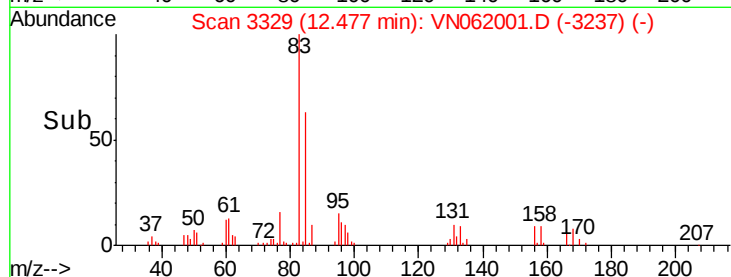
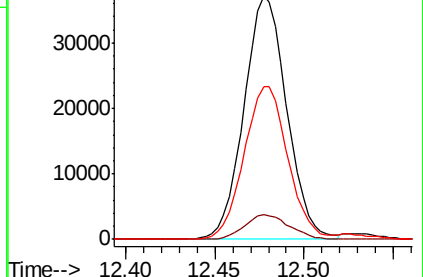
85 64.3 32.4 97.2



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: 31.360 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN062001.D

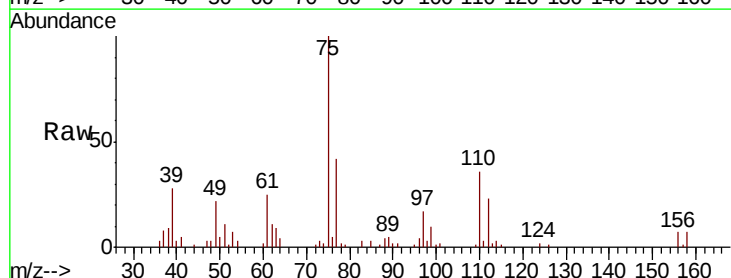
Acq: 22 Jun 2020 15:54

Tgt Ion: 75 Resp: 75225

Ion Ratio Lower Upper

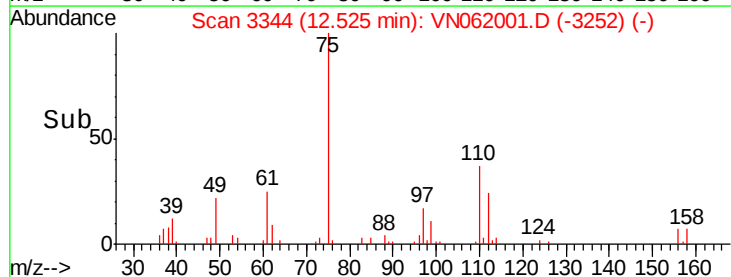
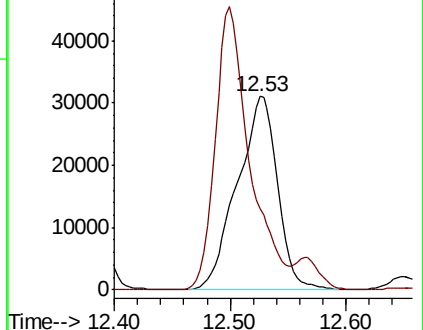
75 100

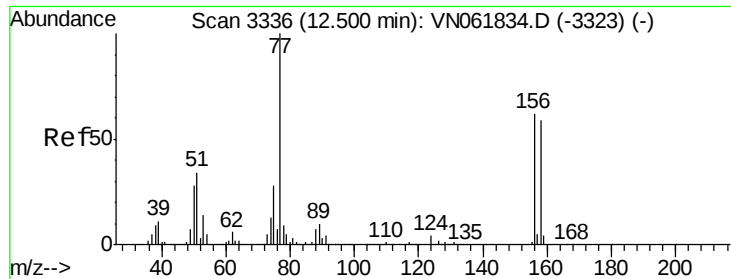
77 0.0 0.0 0.0



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: 21.102 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062001.D

Acq: 22 Jun 2020 15:54

Instrument :

MSVOA_N

ClientSampleId :

VN0622WBSD01

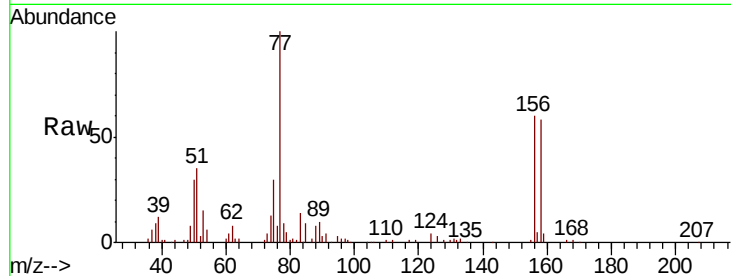
Tot Ion:156 Resp: 46223

Ion Ratio Lower Upper

156 100

77 202.5 100.7 302.1

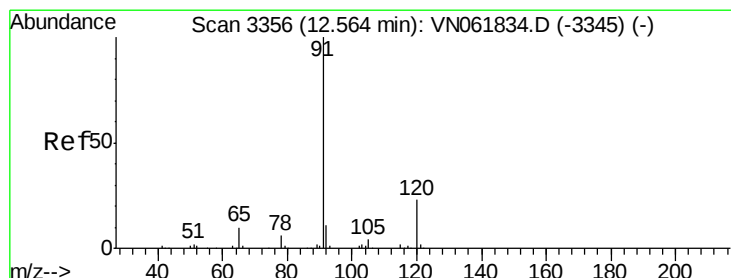
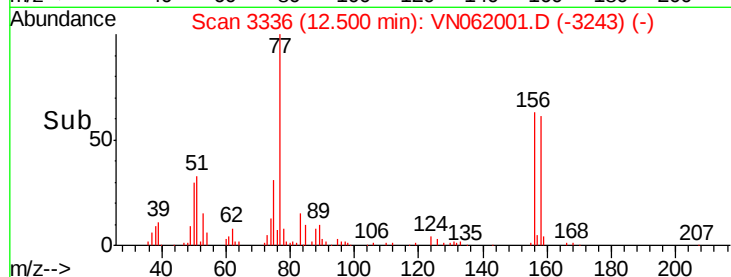
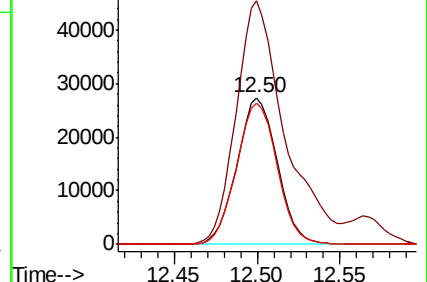
158 97.5 48.5 145.5



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: 20.434 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. -0.00 min

Lab File: VN062001.D

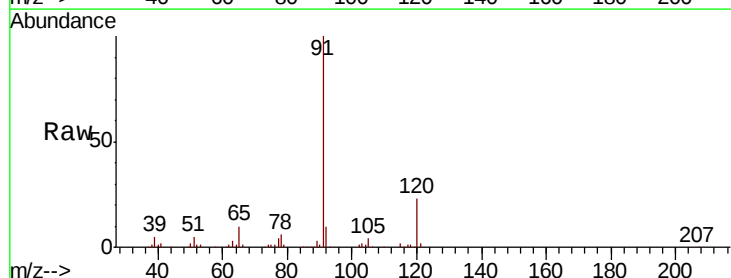
Acq: 22 Jun 2020 15:54

Tgt Ion: 91 Resp: 202441

Ion Ratio Lower Upper

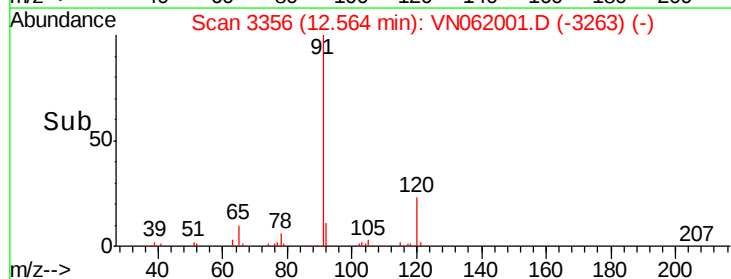
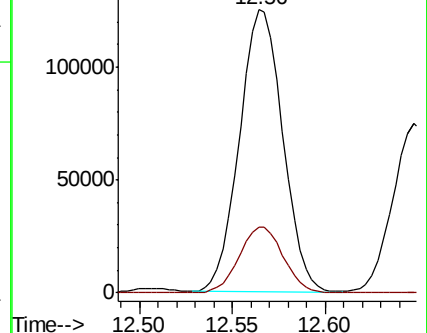
91 100

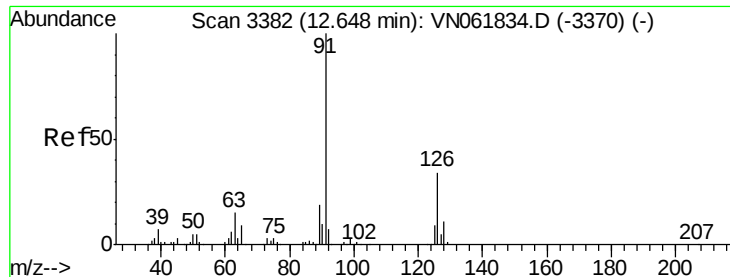
120 23.6 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

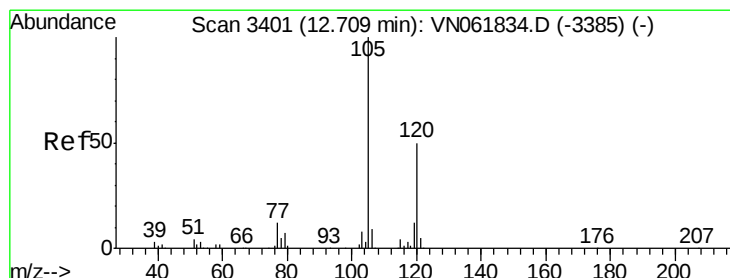
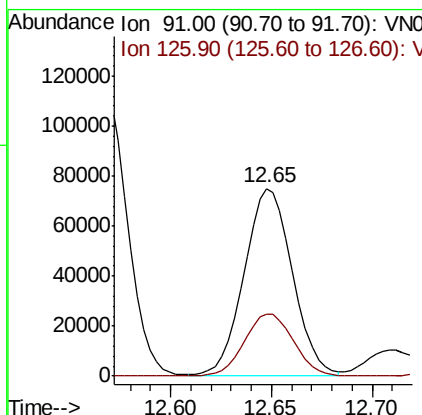
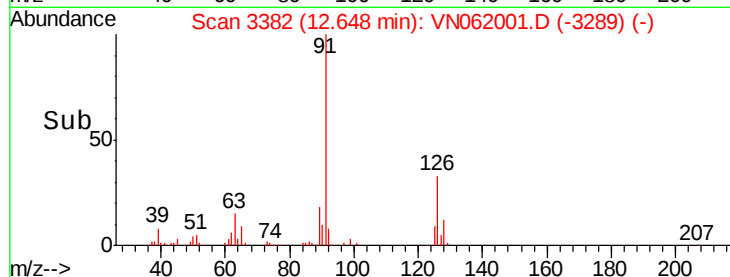
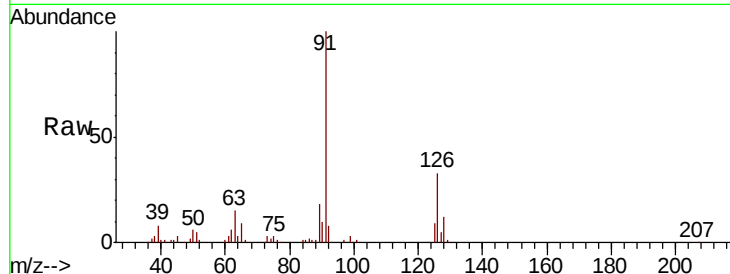




#79
 2-Chlorotoluene
 Concen: 20.910 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. -0.00 min
 Lab File: VN062001.D
 Acq: 22 Jun 2020 15:54

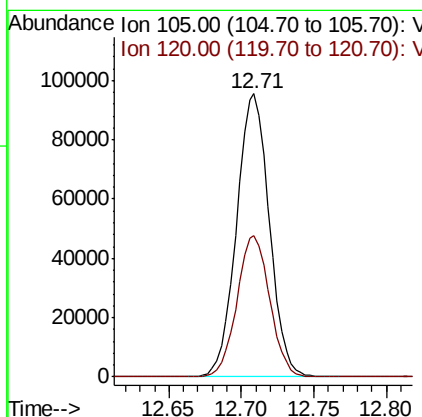
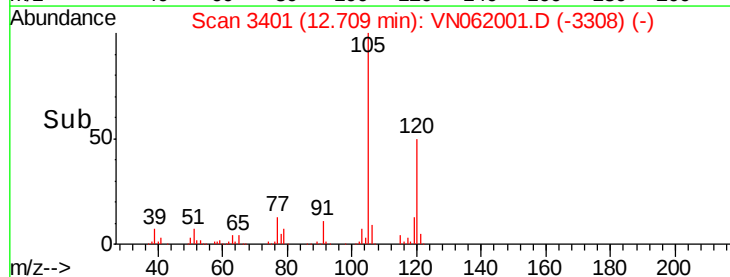
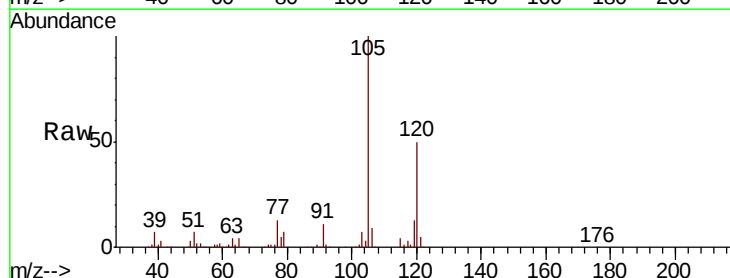
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0622WBSD01

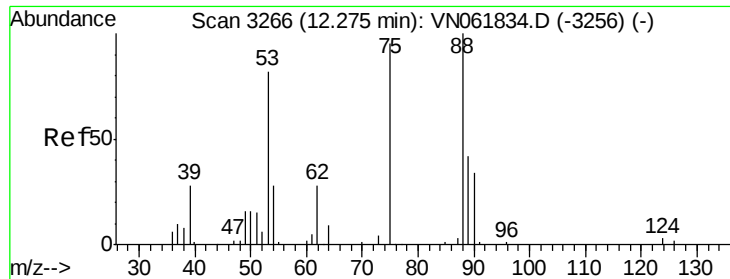
Tot Ion: 91 Resp: 124414
 Ion Ratio Lower Upper
 91 100
 126 34.2 17.3 51.7



#80
 1,3,5-Trimethylbenzene
 Concen: 20.869 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN062001.D
 Acq: 22 Jun 2020 15:54

Tgt Ion:105 Resp: 149905
 Ion Ratio Lower Upper
 105 100
 120 49.8 24.9 74.7





#81

trans-1,4-Dichloro-2-butene

Concen: 21.607 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062001.D

Acq: 22 Jun 2020 15:54

Instrument :

MSVOA_N

ClientSampleId :

VN0622WBSD01

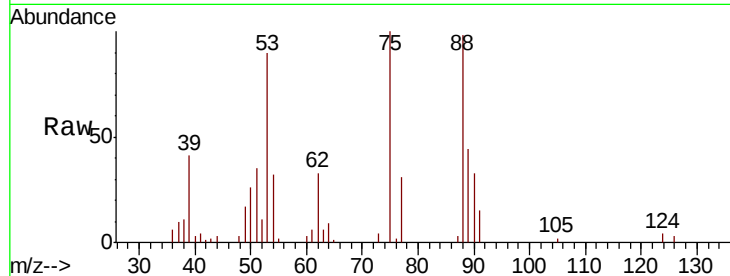
Tot Ion: 75 Resp: 19003

Ion Ratio Lower Upper

75 100

53 92.8 70.4 105.6

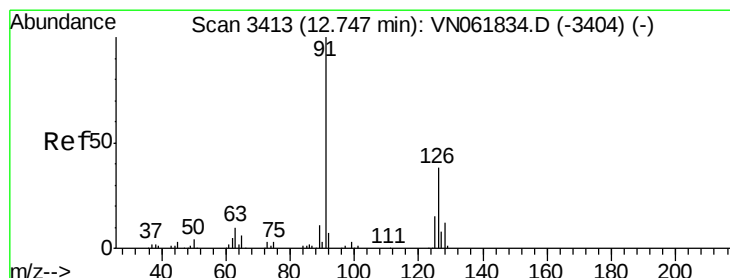
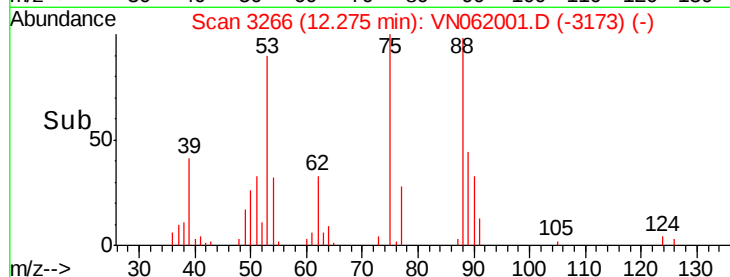
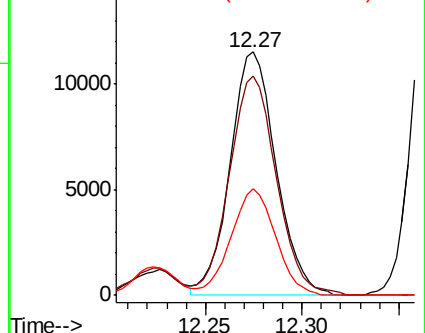
89 42.3 36.0 54.0



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: 21.201 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062001.D

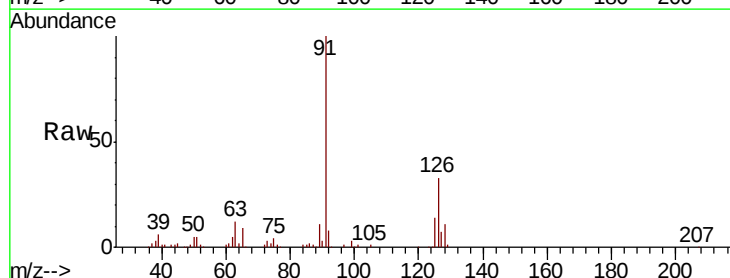
Acq: 22 Jun 2020 15:54

Tgt Ion: 91 Resp: 130351

Ion Ratio Lower Upper

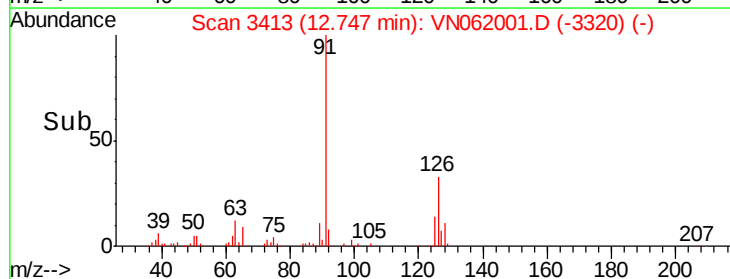
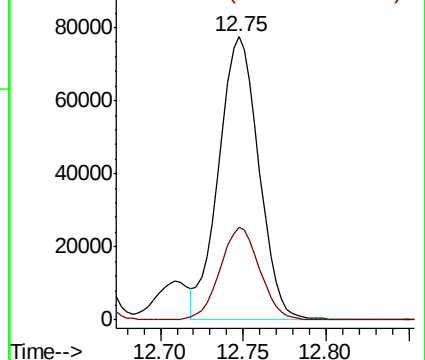
91 100

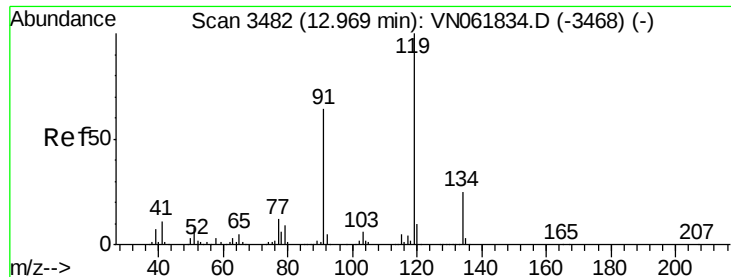
126 32.4 17.2 51.6



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

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

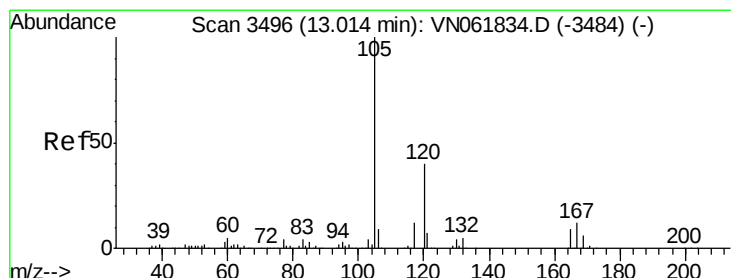
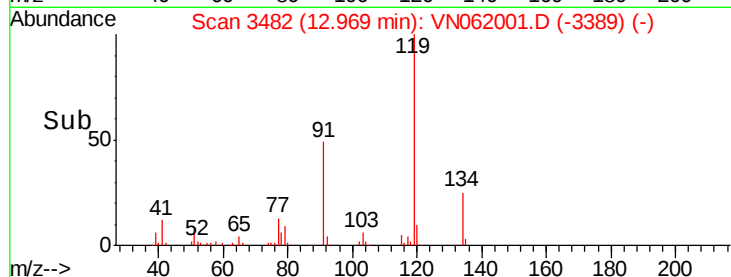
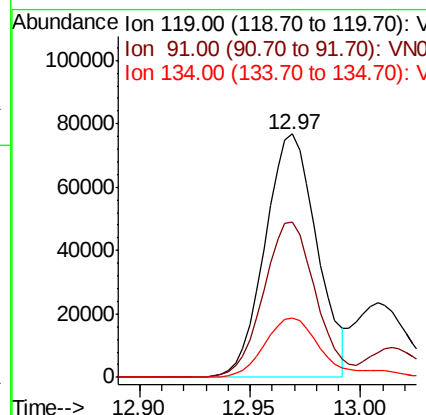
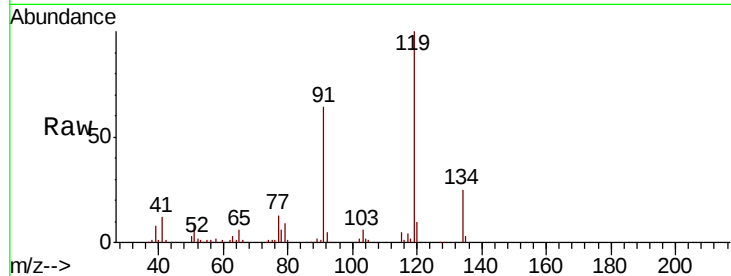




#83
tert-Butylbenzene
Concen: 20.540 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. -0.00 min
Lab File: VN062001.D
Acq: 22 Jun 2020 15:54

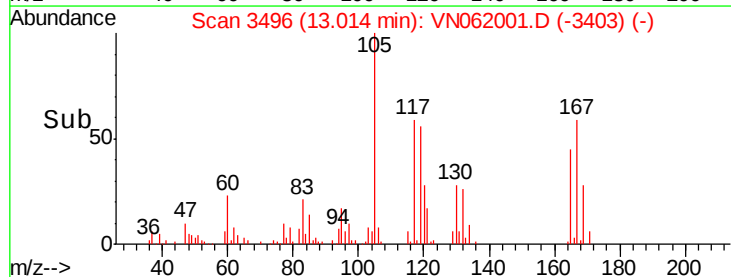
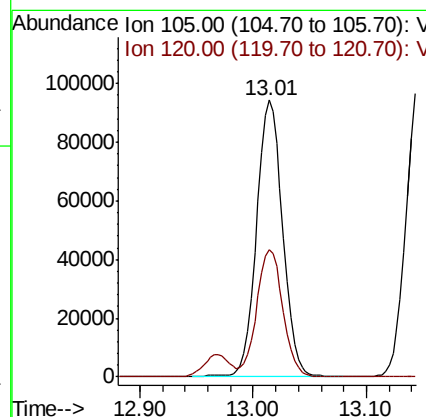
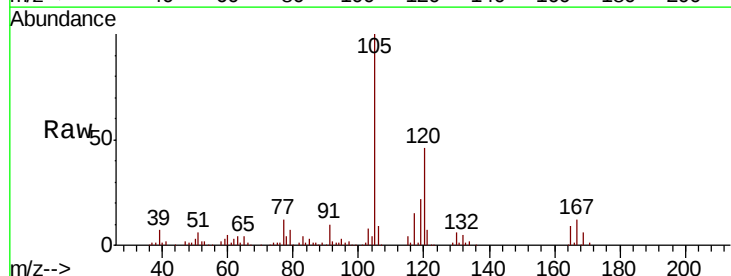
Instrument :
MSVOA_N
ClientSampleId :
VN0622WBSD01

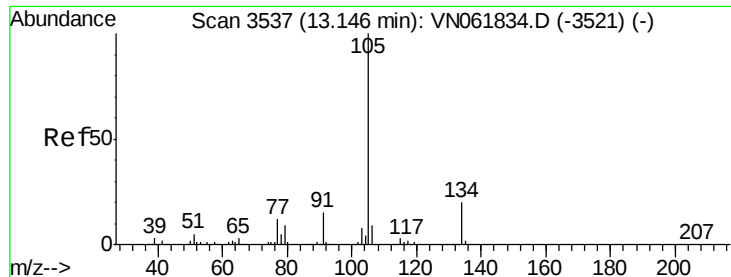
Tot Ion:119 Resp: 125080
Ion Ratio Lower Upper
119 100
91 64.4 31.5 94.5
134 25.8 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 21.348 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. -0.00 min
Lab File: VN062001.D
Acq: 22 Jun 2020 15:54

Tgt Ion:105 Resp: 151370
Ion Ratio Lower Upper
105 100
120 46.3 23.3 69.9





#85

sec-Butylbenzene

Concen: 20.957 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN062001.D

Acq: 22 Jun 2020 15:54

Instrument :

MSVOA_N

ClientSampleId :

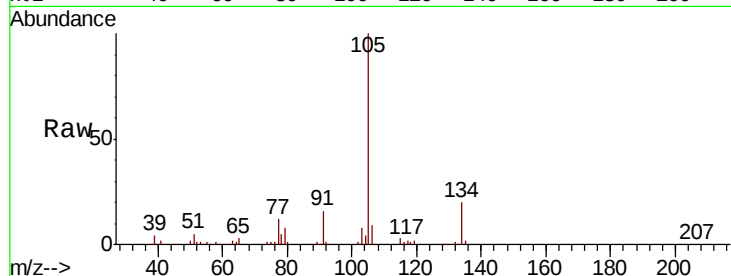
VN0622WBSD01

Tot Ion:105 Resp: 167040

Ion Ratio Lower Upper

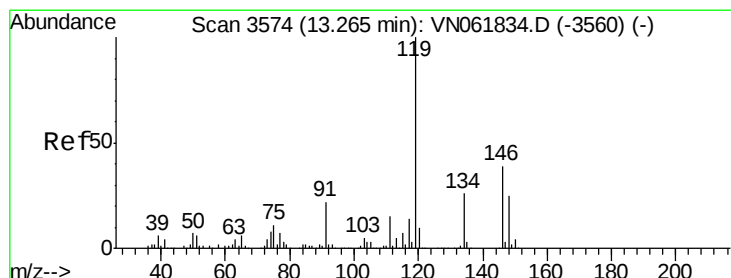
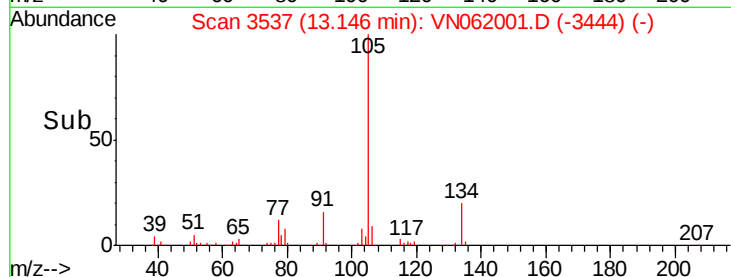
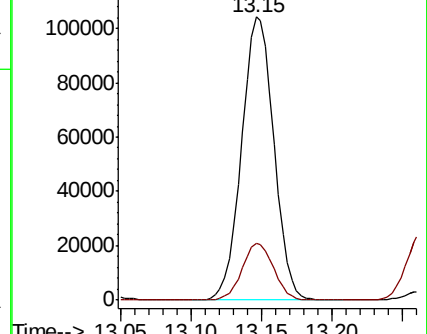
105 100

134 19.5 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.814 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062001.D

Acq: 22 Jun 2020 15:54

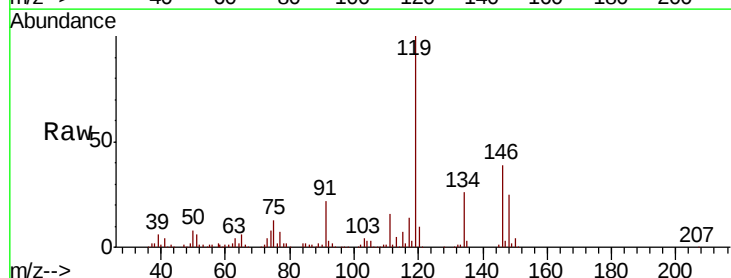
Tgt Ion:119 Resp: 147828

Ion Ratio Lower Upper

119 100

134 26.6 13.3 39.9

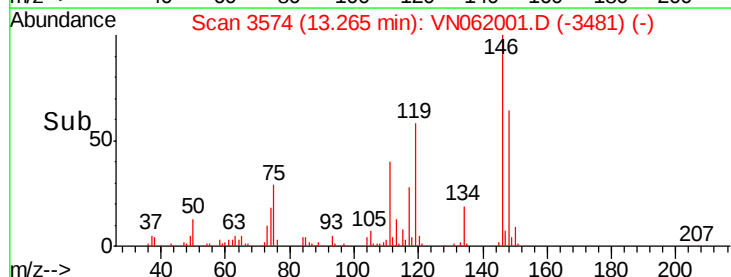
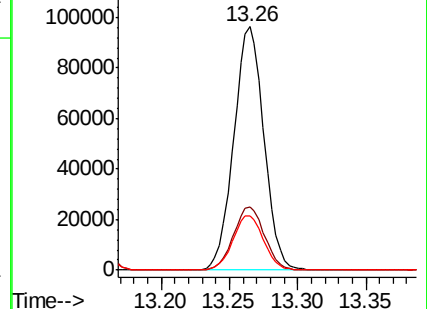
91 23.3 11.2 33.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

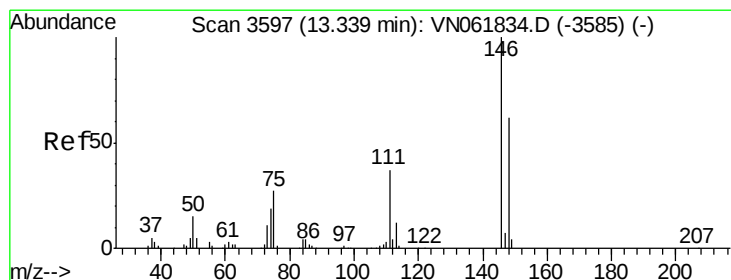
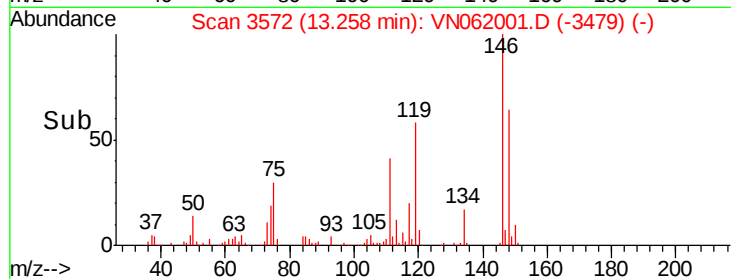
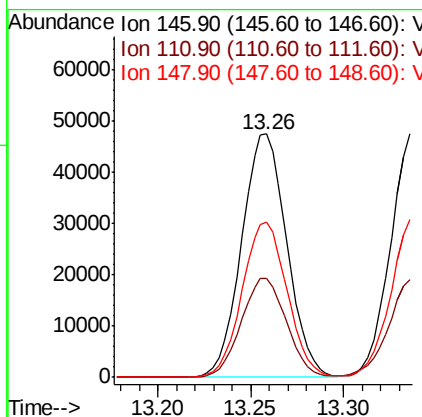
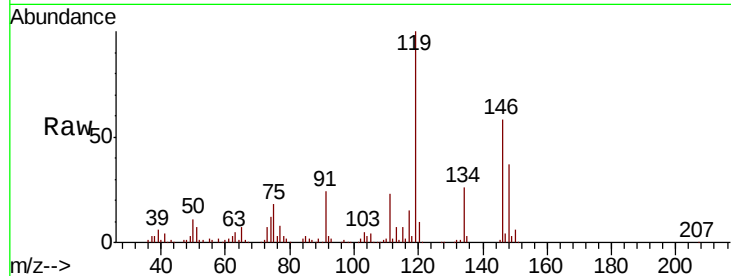




#87
 1,3-Dichlorobenzene
 Concen: 20.092 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062001.D
 Acq: 22 Jun 2020 15:54

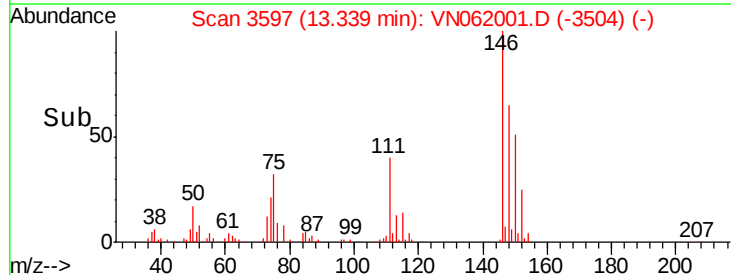
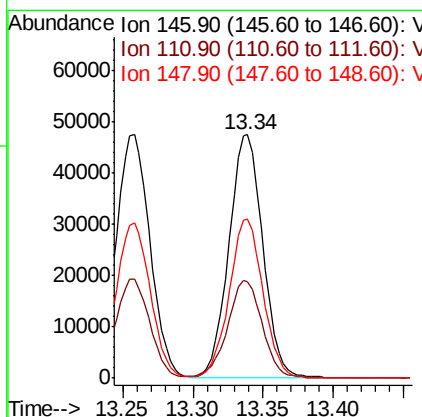
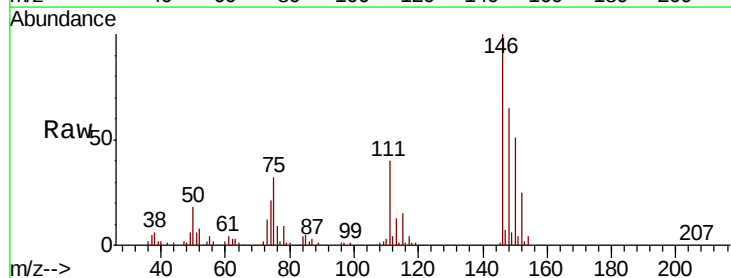
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0622WBSD01

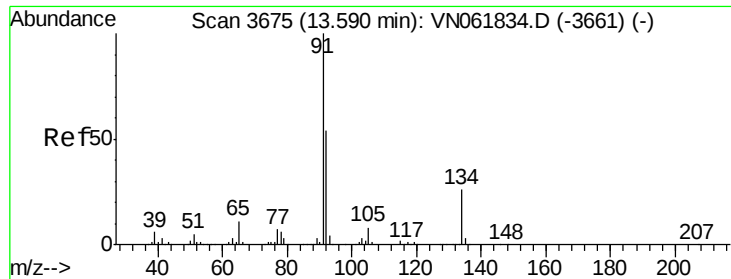
Tot Ion:146 Resp: 80271
 Ion Ratio Lower Upper
 146 100
 111 40.7 19.6 58.8
 148 63.3 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 19.585 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062001.D
 Acq: 22 Jun 2020 15:54

Tgt Ion:146 Resp: 80091
 Ion Ratio Lower Upper
 146 100
 111 41.1 19.3 57.8
 148 65.0 31.6 94.7

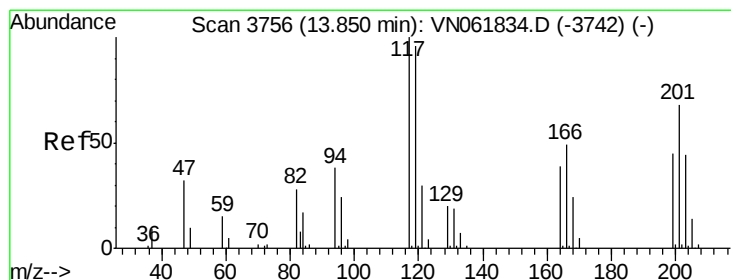
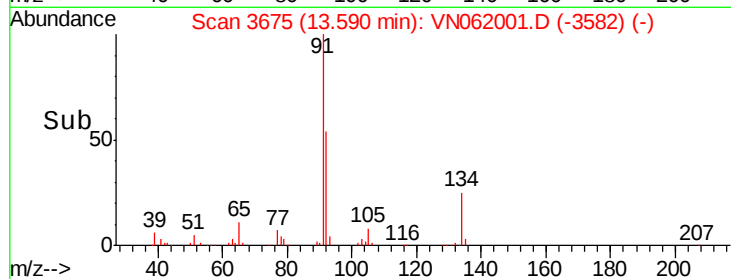
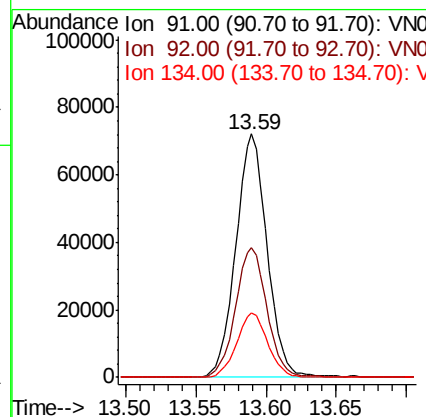
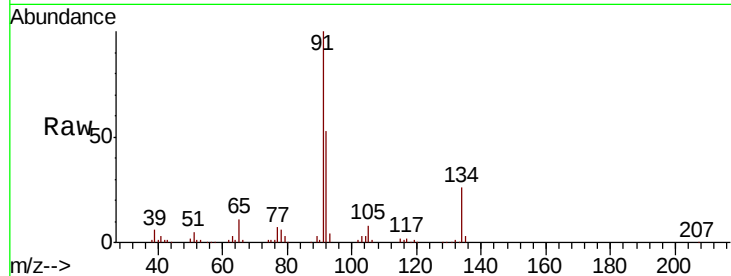




#89
n-Butylbenzene
Concen: 18.872 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062001.D
Acq: 22 Jun 2020 15:54

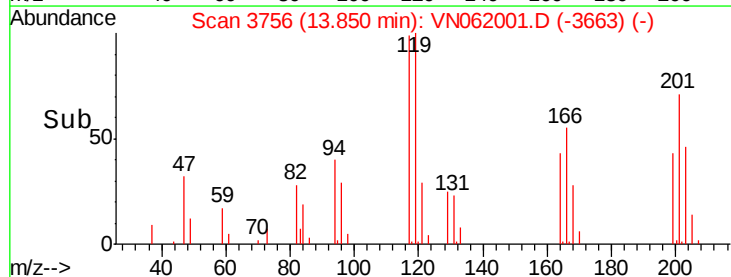
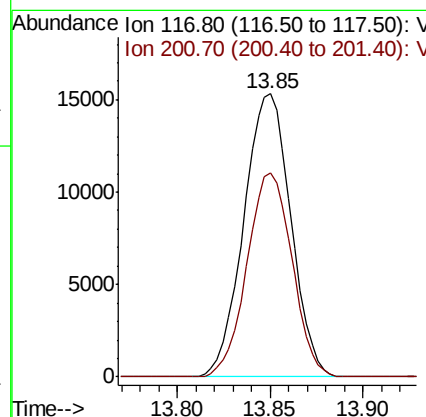
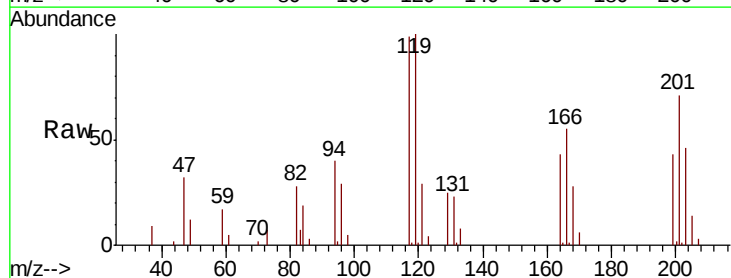
Instrument :
MSVOA_N
ClientSampleId :
VN0622WBSD01

Tot Ion: 91 Resp: 111941
Ion Ratio Lower Upper
91 100
92 53.6 27.0 80.8
134 26.2 13.0 39.0



#90
Hexachloroethane
Concen: 20.686 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN062001.D
Acq: 22 Jun 2020 15:54

Tgt Ion: 117 Resp: 26895
Ion Ratio Lower Upper
117 100
201 69.2 34.6 103.8

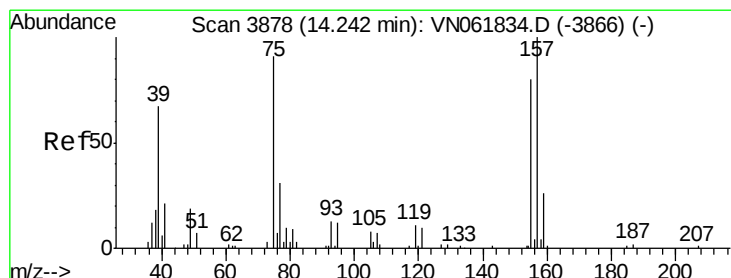
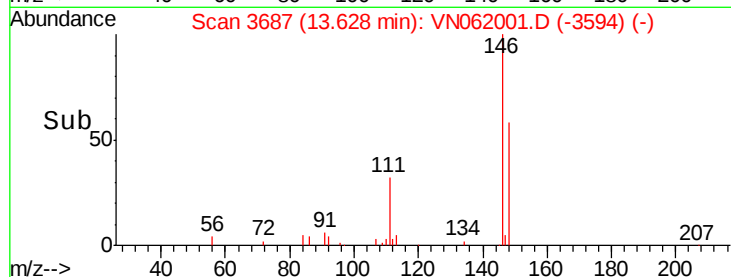
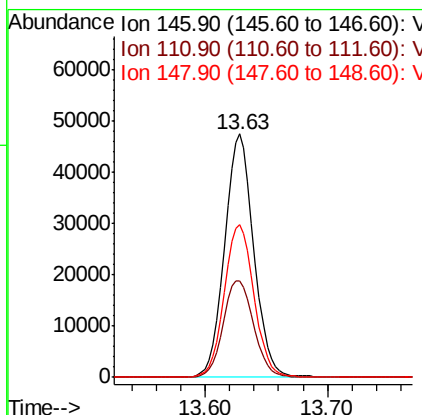
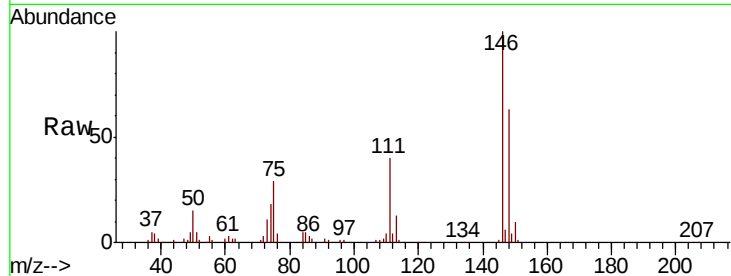




#91
 1,2-Dichlorobenzene
 Concen: 20.645 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062001.D
 Acq: 22 Jun 2020 15:54

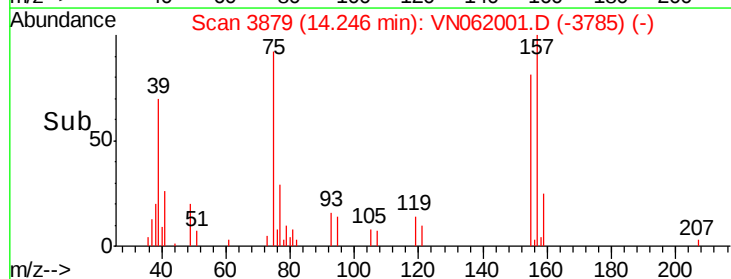
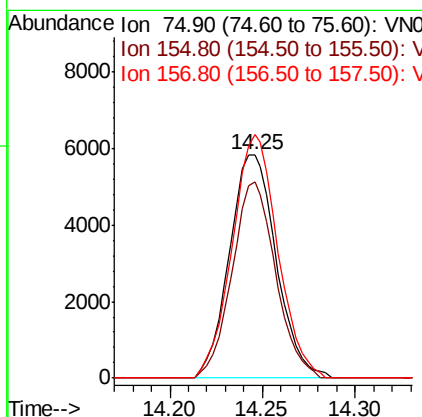
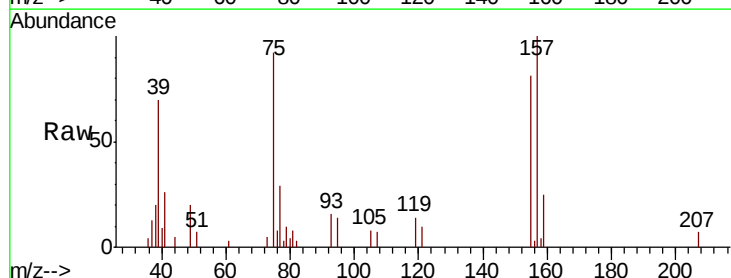
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0622WBSD01

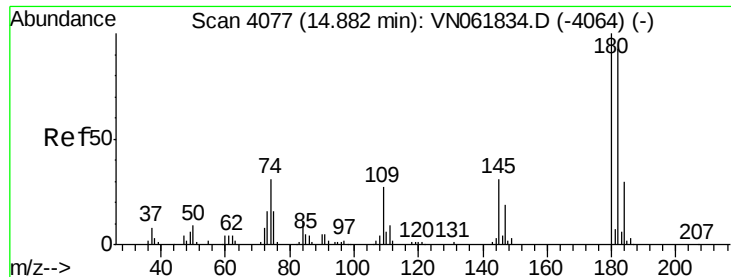
Tot Ion:146 Resp: 79402
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.4 61.2
 148 64.0 31.8 95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.338 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. 0.00 min
 Lab File: VN062001.D
 Acq: 22 Jun 2020 15:54

Tgt Ion: 75 Resp: 10237
 Ion Ratio Lower Upper
 75 100
 155 81.7 44.4 133.2
 157 105.7 57.0 171.2

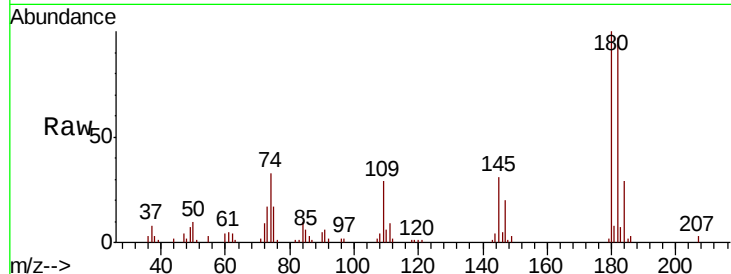




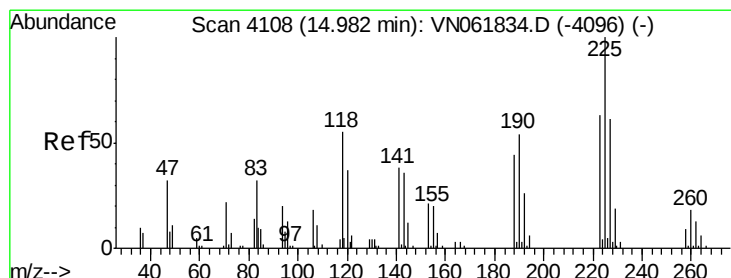
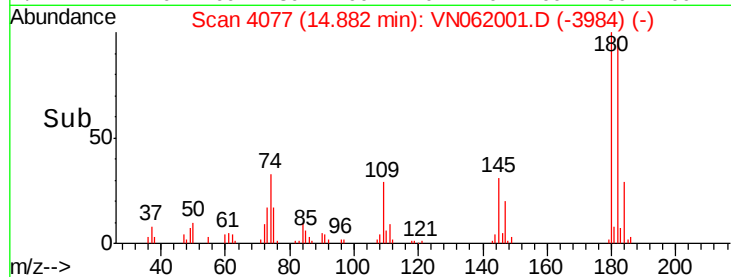
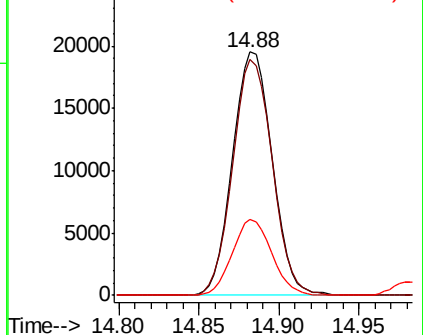
#93
1,2,4-Trichlorobenzene
Concen: 18.178 ug/l
RT: 14.88 min Scan# 4077
Delta R.T. -0.00 min
Lab File: VN062001.D
Acq: 22 Jun 2020 15:54

Instrument :
MSVOA_N
ClientSampled :
VN0622WBSD01

Tot Ion:180 Resp: 32990
Ion Ratio Lower Upper
180 100
182 96.7 47.0 141.2
145 30.8 15.8 47.3

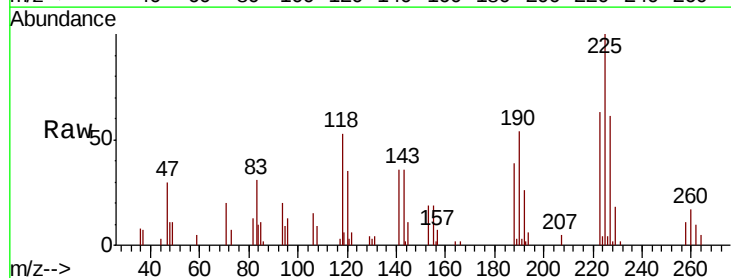


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

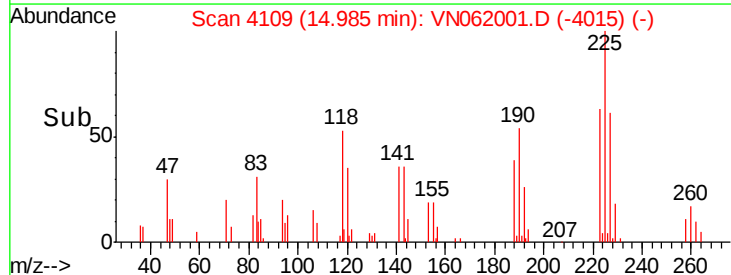
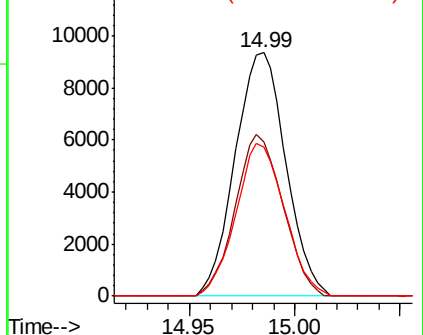


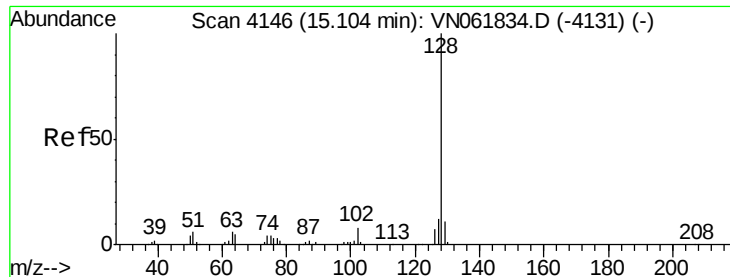
#94
Hexachlorobutadiene
Concen: 21.854 ug/l
RT: 14.99 min Scan# 4109
Delta R.T. 0.00 min
Lab File: VN062001.D
Acq: 22 Jun 2020 15:54

Tgt Ion:225 Resp: 15621
Ion Ratio Lower Upper
225 100
223 62.3 31.7 95.1
227 60.2 30.1 90.3



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 17.984 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN062001.D

Acq: 22 Jun 2020 15:54

Instrument :

MSVOA_N

ClientSampleId :

VN0622WBSD01

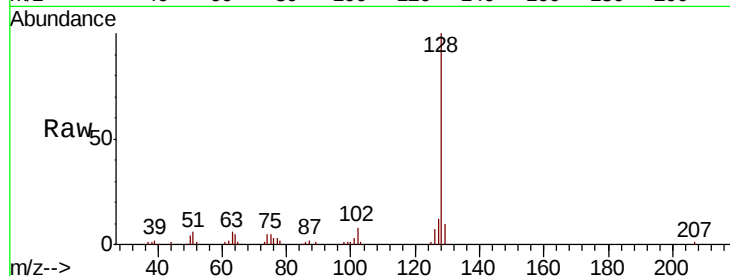
Tot Ion:128 Resp: 94729

Ion Ratio Lower Upper

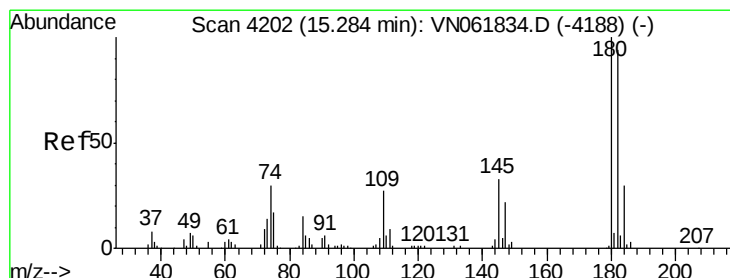
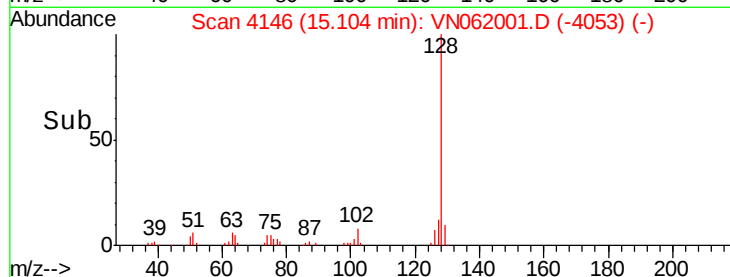
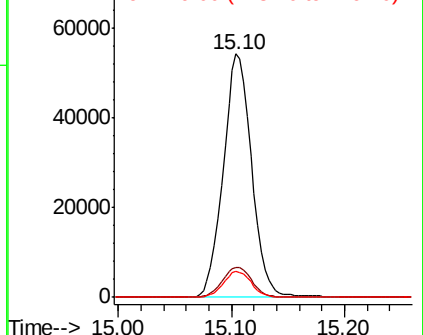
128 100

127 12.8 10.3 15.5

129 10.4 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.191 ug/l

RT: 15.29 min Scan# 4203

Delta R.T. 0.00 min

Lab File: VN062001.D

Acq: 22 Jun 2020 15:54

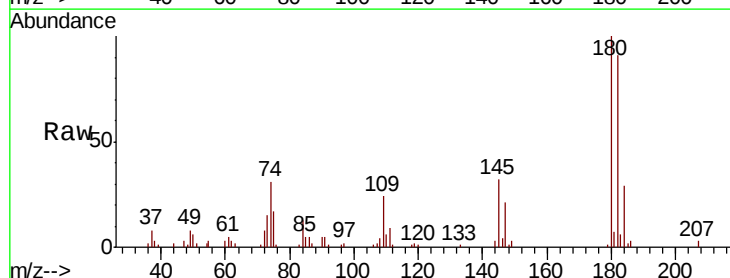
Tgt Ion:180 Resp: 34493

Ion Ratio Lower Upper

180 100

182 92.8 47.9 143.6

145 32.9 16.5 49.5



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

