

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062320\
 Data File : VN062044.D
 Acq On : 23 Jun 2020 16:06
 Operator : JC/MD
 Sample : VN0623WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0623WBS01

Quant Time: Jun 24 01:31:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 17 01:19:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	161691	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	279180	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	263214	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	121831	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	109418	50.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.92%	
35) Dibromofluoromethane	7.55	113	90092	50.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.88%	
50) Toluene-d8	10.06	98	350174	49.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.74%	
62) 4-Bromofluorobenzene	12.37	95	119820	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	40270	19.321	ug/l	95
3) Chloromethane	2.03	50	39832	17.748	ug/l	98
4) Vinyl Chloride	2.16	62	48310	18.056	ug/l	98
5) Bromomethane	2.53	94	32752	15.941	ug/l	96
6) Chloroethane	2.67	64	34268	18.925	ug/l	99
7) Trichlorofluoromethane	2.98	101	62449	19.540	ug/l	99
8) Diethyl Ether	3.37	74	22844	21.262	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.71	101	34706	21.167	ug/l	99
10) Methyl Iodide	3.90	142	30870	19.260	ug/l	99
11) Tert butyl alcohol	4.73	59	30398	101.300	ug/l	99
12) 1,1-Dichloroethene	3.69	96	31670	19.277	ug/l	98
13) Acrolein	3.56	56	10442	58.222	ug/l	97
14) Allyl chloride	4.27	41	47037	21.572	ug/l	97
15) Acrylonitrile	4.93	53	83964	112.924	ug/l	100
16) Acetone	3.77	43	70751	110.455	ug/l	96
17) Carbon Disulfide	4.01	76	75580	15.723	ug/l	99
18) Methyl Acetate	4.27	43	40135	21.764	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	116270	21.256	ug/l	97
20) Methylene Chloride	4.50	84	41387	19.832	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	35211	18.660	ug/l	99
22) Diisopropyl ether	5.90	45	109215	21.901	ug/l	96
23) Vinyl Acetate	5.84	43	417303	106.398	ug/l	98
24) 1,1-Dichloroethane	5.80	63	68846	21.090	ug/l	99
25) 2-Butanone	6.78	43	102325	109.491	ug/l	98
26) 2,2-Dichloropropane	6.77	77	57100	20.791	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	43167	19.826	ug/l	97
28) Bromochloromethane	7.14	49	29121	20.035	ug/l	91
29) Tetrahydrofuran	7.17	42	65881	107.118	ug/l	96
30) Chloroform	7.33	83	71817	20.585	ug/l	99
31) Cyclohexane	7.61	56	52820	18.483	ug/l	96
32) 1,1,1-Trichloroethane	7.52	97	59902	20.161	ug/l	99
36) 1,1-Dichloropropene	7.75	75	49601	19.479	ug/l	100
37) Ethyl Acetate	6.88	43	43551	21.901	ug/l #	87
38) Carbon Tetrachloride	7.73	117	48924	19.401	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062320\
 Data File : VN062044.D
 Acq On : 23 Jun 2020 16:06
 Operator : JC/MD
 Sample : VN0623WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0623WBS01

Quant Time: Jun 24 01:31:53 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	52001	18.965	ug/l	99
40) Benzene	8.00	78	154200	19.990	ug/l	99
41) Methacrylonitrile	7.13	41	18685	21.974	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	54432	20.695	ug/l	100
43) Isopropyl Acetate	8.12	43	73368	21.894	ug/l #	91
44) Trichloroethene	8.80	130	38755	19.091	ug/l	97
45) 1,2-Dichloropropane	9.08	63	39972	21.086	ug/l	99
46) Dibromomethane	9.17	93	27786	20.815	ug/l	95
47) Bromodichloromethane	9.37	83	56210	20.564	ug/l	97
48) Methyl methacrylate	9.17	41	31364	20.581	ug/l	98
49) 1,4-Dioxane	9.17	88	14366	410.593	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	217963	110.066	ug/l	99
52) Toluene	10.12	92	100748	20.797	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	59848	20.625	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	66398	21.067	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	40768	21.389	ug/l	96
56) Ethyl methacrylate	10.40	69	53441	20.192	ug/l	98
57) 1,3-Dichloropropane	10.68	76	69081	21.393	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	97946	97.367	ug/l	97
59) 2-Hexanone	10.72	43	152424	104.584	ug/l	99
60) Dibromochloromethane	10.87	129	42252	19.866	ug/l	97
61) 1,2-Dibromoethane	10.98	107	40141	20.168	ug/l	99
64) Tetrachloroethene	10.60	164	32718	19.502	ug/l	98
65) Chlorobenzene	11.40	112	109293	19.678	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	39341	20.310	ug/l	99
67) Ethyl Benzene	11.48	91	184725	19.837	ug/l	99
68) m/p-Xylenes	11.59	106	145005	40.383	ug/l	99
69) o-Xylene	11.92	106	67548	19.716	ug/l	96
70) Styrene	11.94	104	115190	20.080	ug/l	99
71) Bromoform	12.10	173	27447	19.433	ug/l #	99
73) Isopropylbenzene	12.22	105	182933	21.130	ug/l	99
74) N-amyl acetate	12.04	43	58786	20.665	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	58583	20.813	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	72154	30.167	ug/l #	100
77) Bromobenzene	12.50	156	44672	20.453	ug/l	98
78) n-propylbenzene	12.56	91	209443	21.202	ug/l	100
79) 2-Chlorotoluene	12.65	91	124579	20.998	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	149171	20.827	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	17256	19.677	ug/l	93
82) 4-Chlorotoluene	12.75	91	129220	21.078	ug/l	97
83) tert-Butylbenzene	12.97	119	125489	20.666	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	149663	21.168	ug/l	100
85) sec-Butylbenzene	13.15	105	170391	21.439	ug/l	99
86) p-Isopropyltoluene	13.26	119	149122	21.056	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	78829	19.788	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	78332	19.210	ug/l	97
89) n-Butylbenzene	13.59	91	119435	20.193	ug/l	99
90) Hexachloroethane	13.85	117	28232	21.777	ug/l	94
91) 1,2-Dichlorobenzene	13.63	146	78162	20.381	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.25	75	9359	20.481	ug/l	96

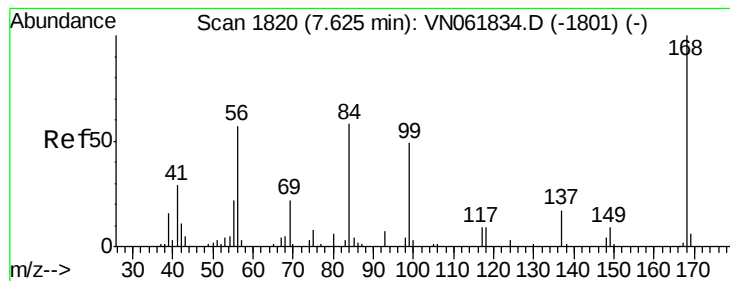
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062320\
Data File : VN062044.D
Acq On : 23 Jun 2020 16:06
Operator : JC/MD
Sample : VN0623WBS01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0623WBS01

Quant Time: Jun 24 01:31:53 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	34335	18.973	ug/l	98
94) Hexachlorobutadiene	14.98	225	15297	21.462	ug/l	99
95) Naphthalene	15.10	128	92592	17.697	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	33540	18.714	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN062044.D

Acq: 23 Jun 2020 16:06

Instrument :

MSVOA_N

ClientSampleId :

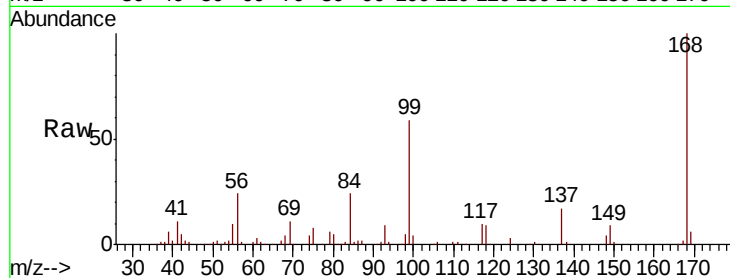
VN0623WBS01

Tot Ion:168 Resp: 161691

Ion Ratio Lower Upper

168 100

99 59.2 44.6 67.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

60000

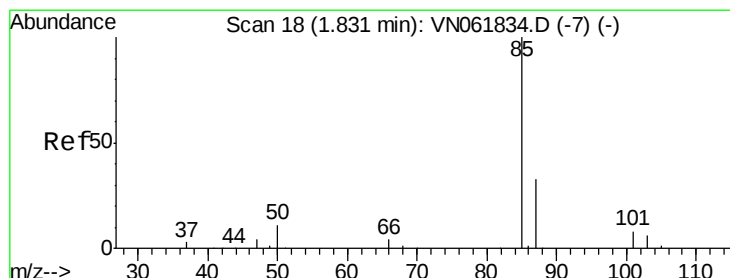
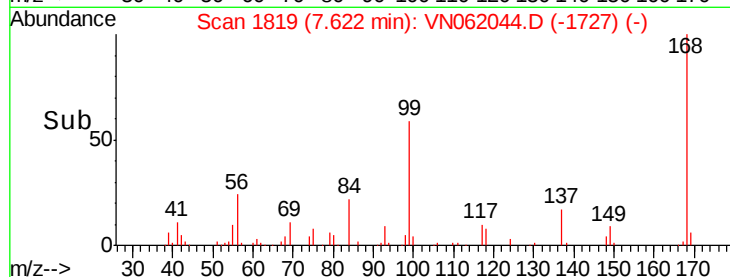
40000

20000

0

7.50 7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 19.321 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN062044.D

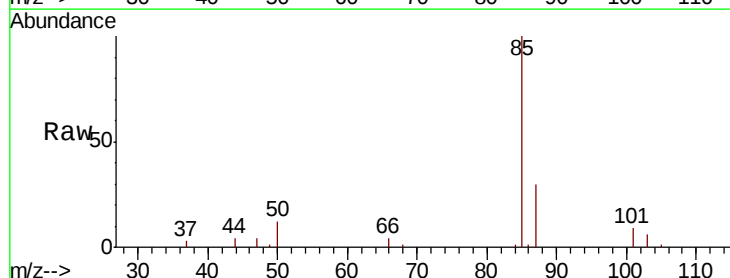
Acq: 23 Jun 2020 16:06

Tgt Ion: 85 Resp: 40270

Ion Ratio Lower Upper

85 100

87 30.2 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

30000

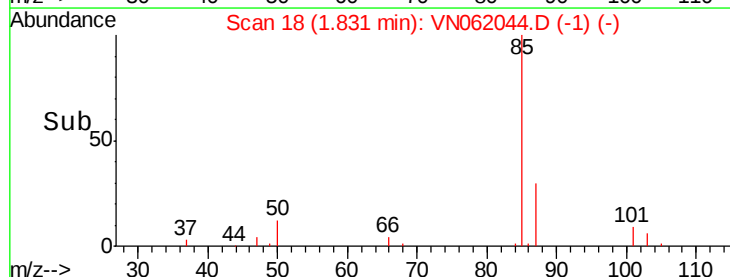
20000

10000

0

1.80 1.85 1.90

Time-->

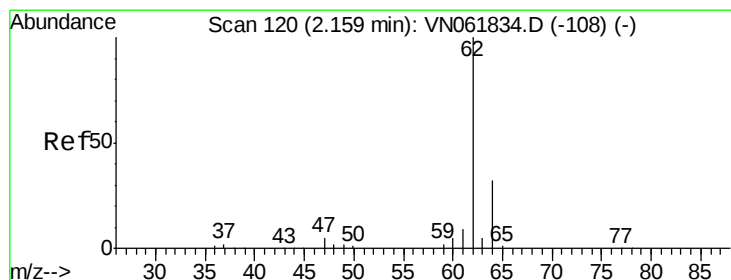
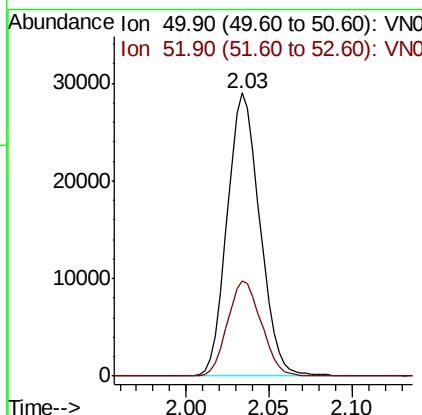
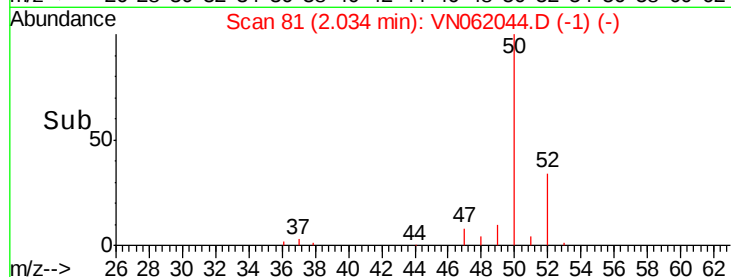
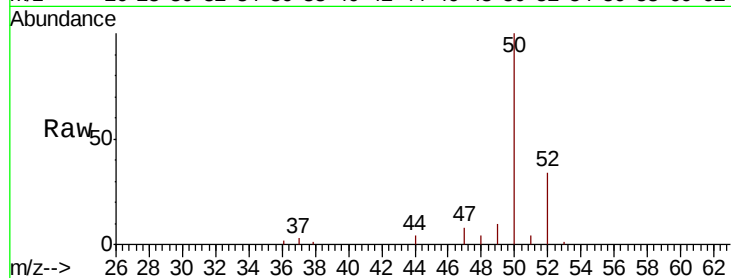




#3
 Chloromethane
 Concen: 17.748 ug/l
 RT: 2.03 min Scan# 81
 Delta R.T. -0.00 min
 Lab File: VN062044.D
 Acq: 23 Jun 2020 16:06

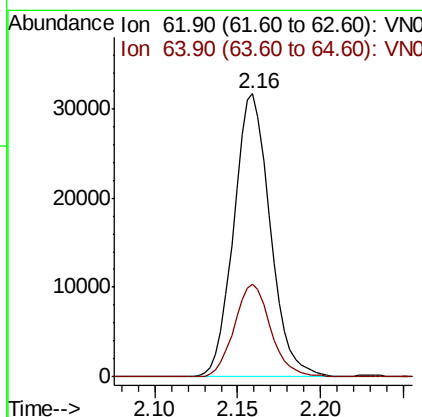
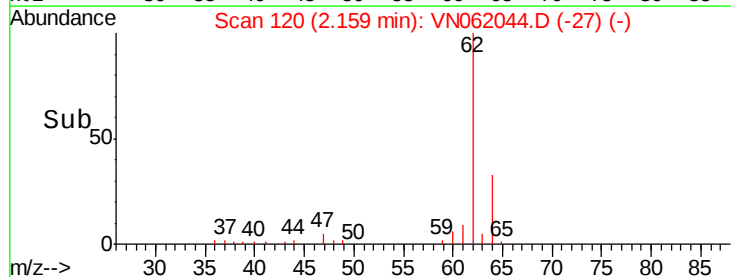
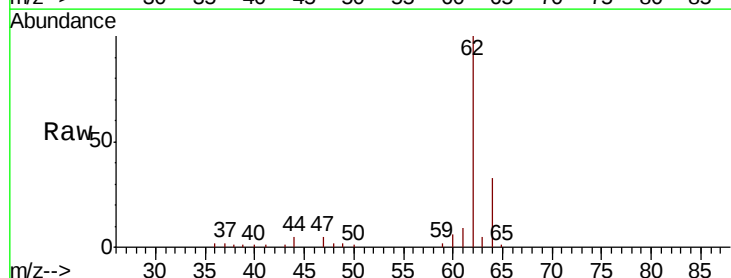
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0623WBS01

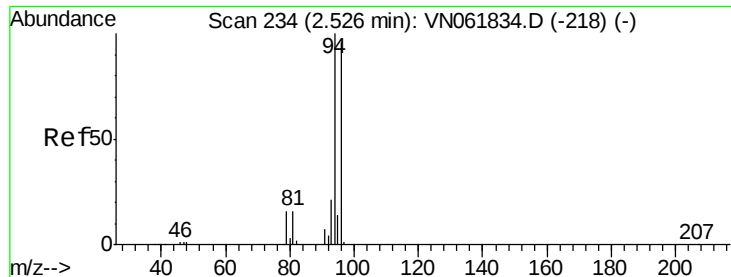
Tot Ion: 50 Resp: 39832
 Ion Ratio Lower Upper
 50 100
 52 33.6 26.0 39.0



#4
 Vinyl Chloride
 Concen: 18.056 ug/l
 RT: 2.16 min Scan# 120
 Delta R.T. -0.00 min
 Lab File: VN062044.D
 Acq: 23 Jun 2020 16:06

Tgt Ion: 62 Resp: 48310
 Ion Ratio Lower Upper
 62 100
 64 32.8 25.5 38.3





#5

Bromomethane

Concen: 15.941 ug/l

RT: 2.53 min Scan# 235

Delta R.T. 0.00 min

Lab File: VN062044.D

Acq: 23 Jun 2020 16:06

Instrument :

MSVOA_N

ClientSampleId :

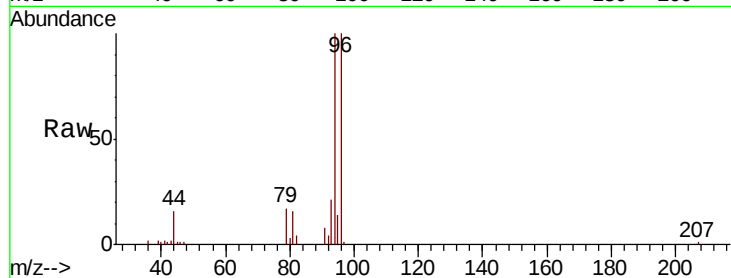
VN0623WBS01

Tot Ion: 94 Resp: 32752

Ion Ratio Lower Upper

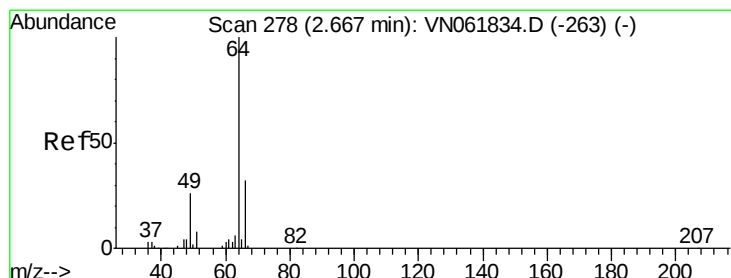
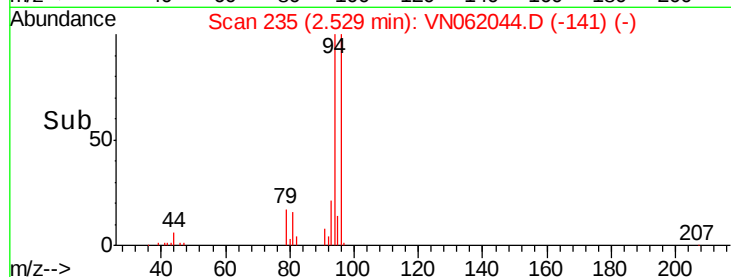
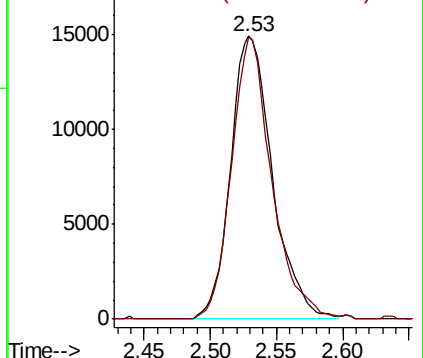
94 100

96 99.8 76.7 115.1



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 18.925 ug/l

RT: 2.67 min Scan# 278

Delta R.T. -0.00 min

Lab File: VN062044.D

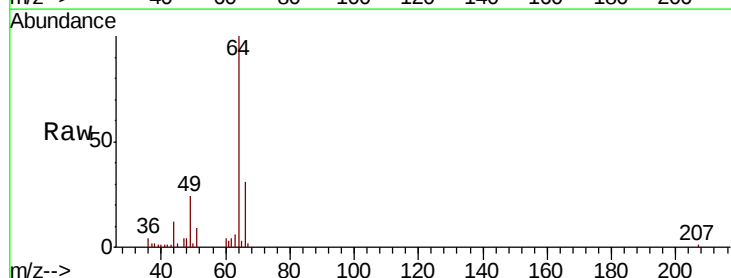
Acq: 23 Jun 2020 16:06

Tgt Ion: 64 Resp: 34268

Ion Ratio Lower Upper

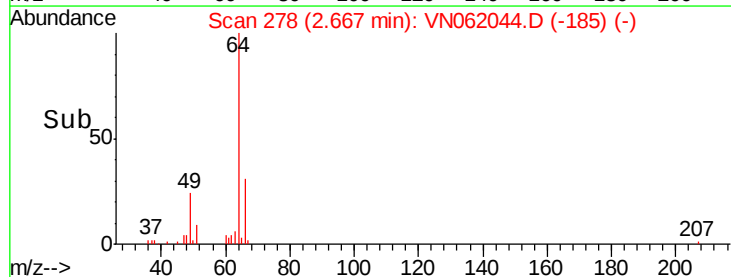
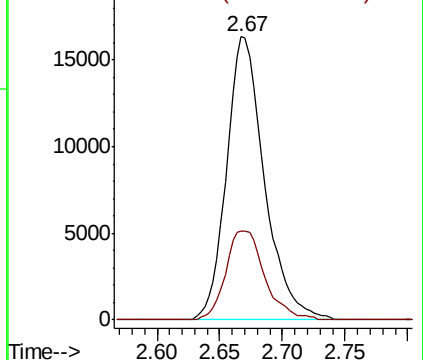
64 100

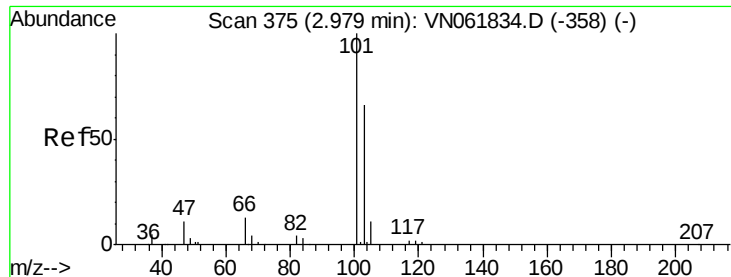
66 31.2 25.4 38.2



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



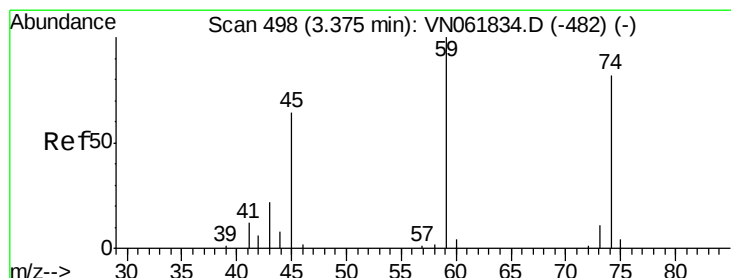
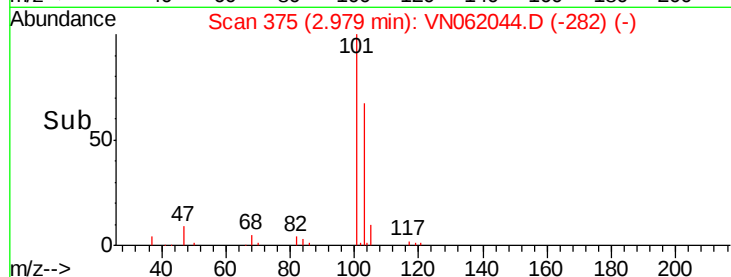
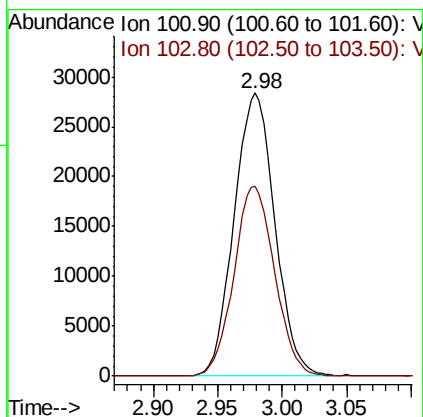
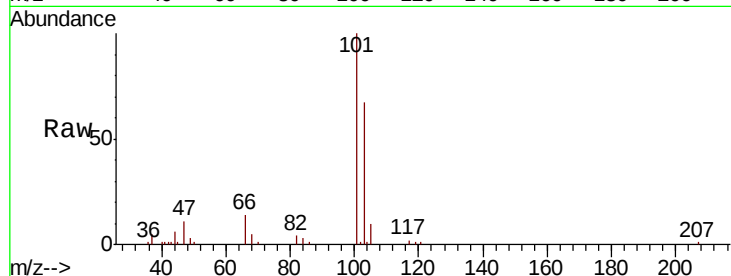


#7

Trichlorofluoromethane
 Concen: 19.540 ug/l
 RT: 2.98 min Scan# 375
 Delta R.T. -0.00 min
 Lab File: VN062044.D
 Acq: 23 Jun 2020 16:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0623WBS01

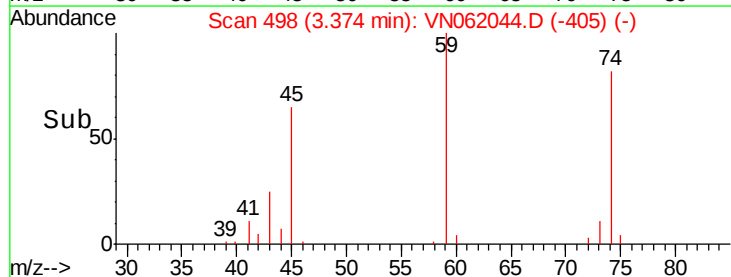
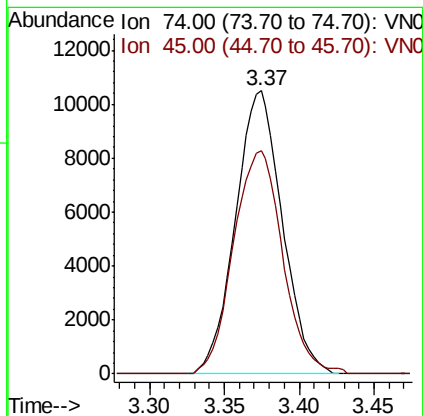
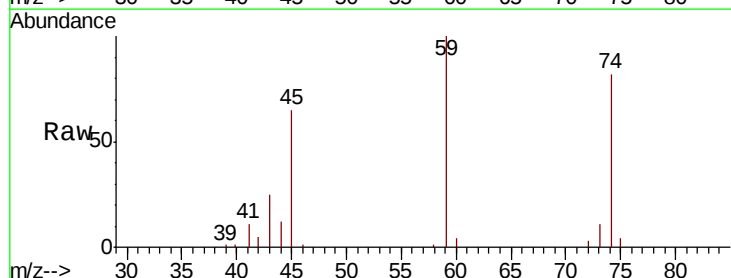
Tot Ion:101 Resp: 62449
 Ion Ratio Lower Upper
 101 100
 103 66.9 52.8 79.2

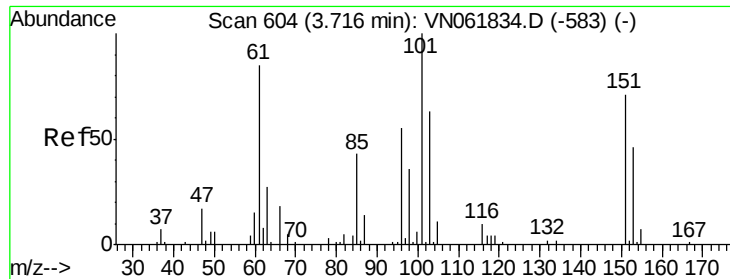


#8

Diethyl Ether
 Concen: 21.262 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. -0.00 min
 Lab File: VN062044.D
 Acq: 23 Jun 2020 16:06

Tgt Ion: 74 Resp: 22844
 Ion Ratio Lower Upper
 74 100
 45 82.8 39.1 117.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.167 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.00 min

Lab File: VN062044.D

Acq: 23 Jun 2020 16:06

Instrument :

MSVOA_N

ClientSampleId :

VN0623WBS01

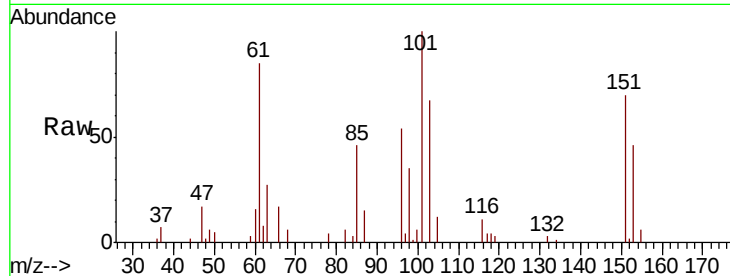
Tot Ion:101 Resp: 34706

Ion Ratio Lower Upper

101 100

85 43.8 35.0 52.6

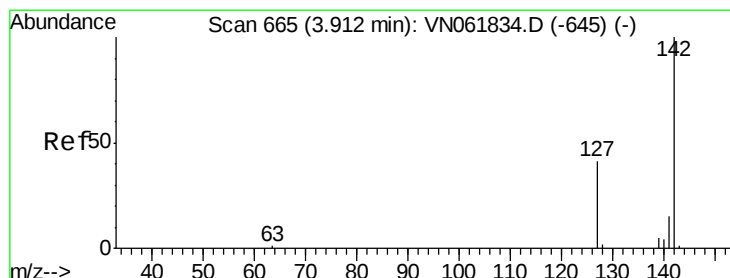
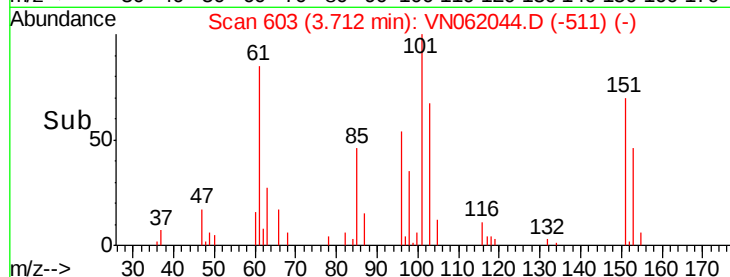
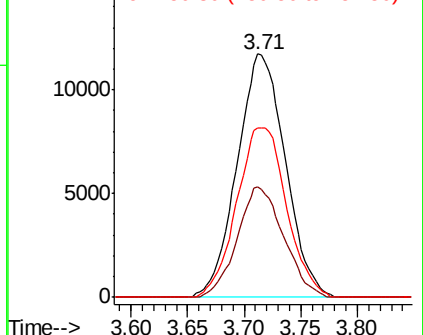
151 72.1 59.2 88.8



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: 19.260 ug/l

RT: 3.90 min Scan# 663

Delta R.T. -0.01 min

Lab File: VN062044.D

Acq: 23 Jun 2020 16:06

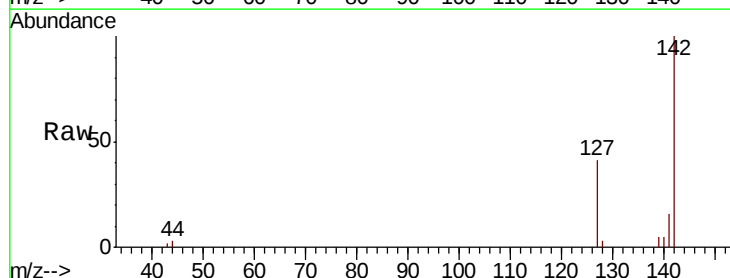
Tgt Ion:142 Resp: 30870

Ion Ratio Lower Upper

142 100

127 42.2 33.4 50.0

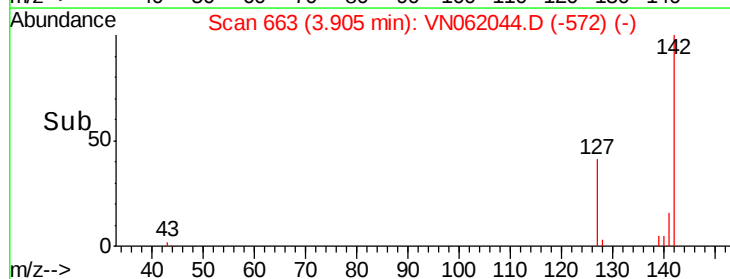
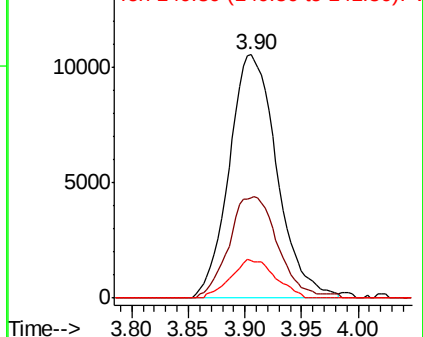
141 14.7 11.3 16.9

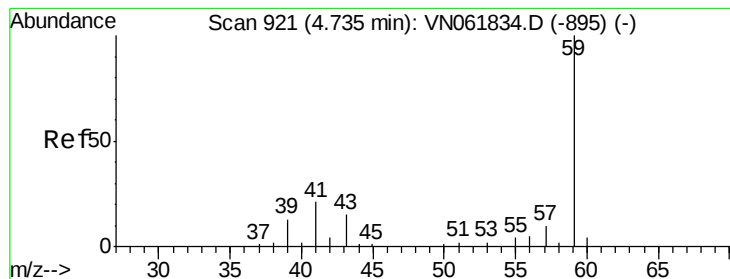


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



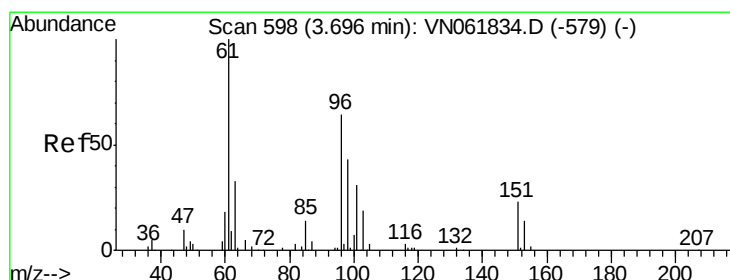
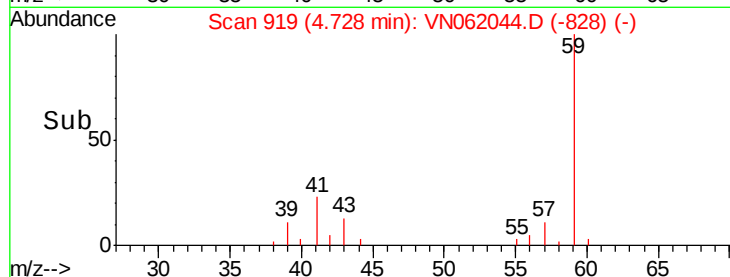
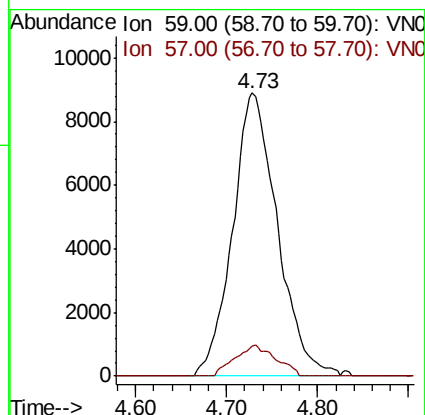
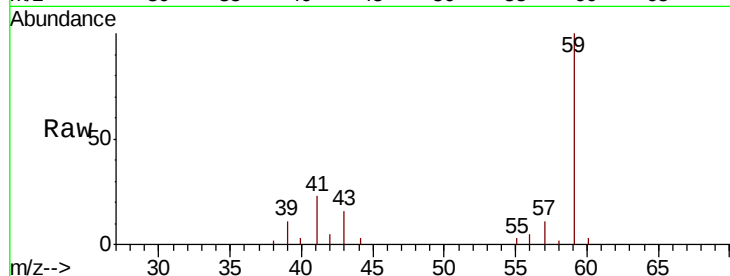


#11

Tert butyl alcohol
 Concen: 101.300 ug/l
 RT: 4.73 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VN062044.D
 Acq: 23 Jun 2020 16:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0623WBS01

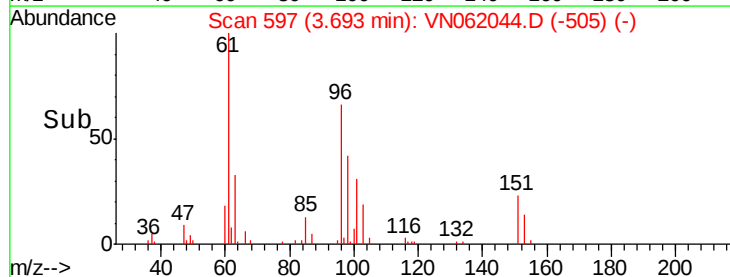
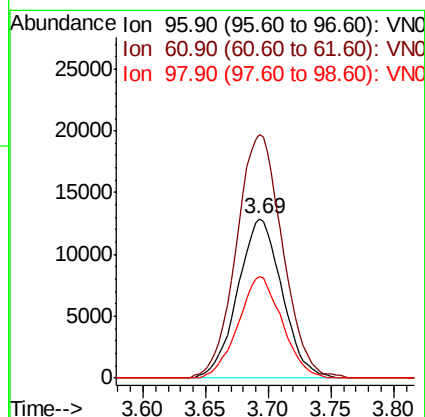
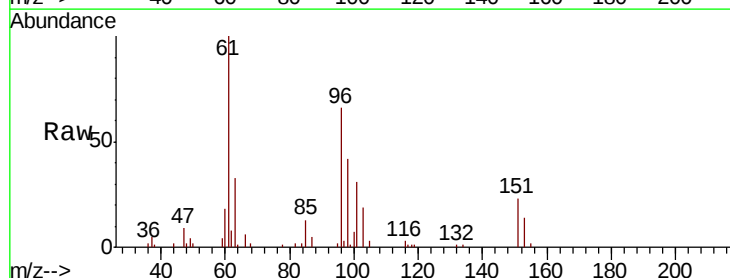
Tot Ion: 59 Resp: 30398
 Ion Ratio Lower Upper
 59 100
 57 10.0 7.7 11.5

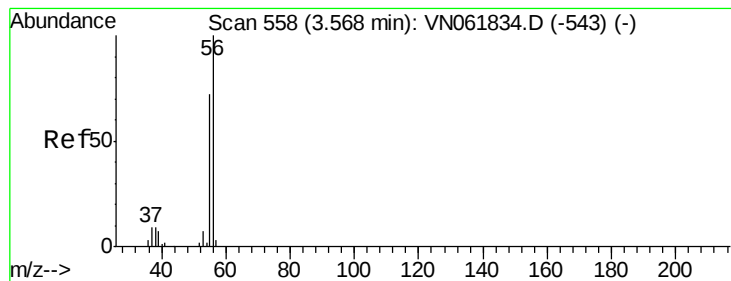


#12

1,1-Dichloroethene
 Concen: 19.277 ug/l
 RT: 3.69 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: VN062044.D
 Acq: 23 Jun 2020 16:06

Tgt Ion: 96 Resp: 31670
 Ion Ratio Lower Upper
 96 100
 61 152.6 124.3 186.5
 98 63.8 53.1 79.7





#13

Acrolein

Concen: 58.222 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN062044.D

Acq: 23 Jun 2020 16:06

Instrument :

MSVOA_N

ClientSampleId :

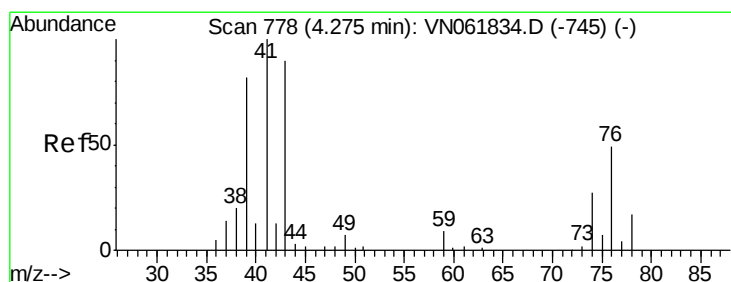
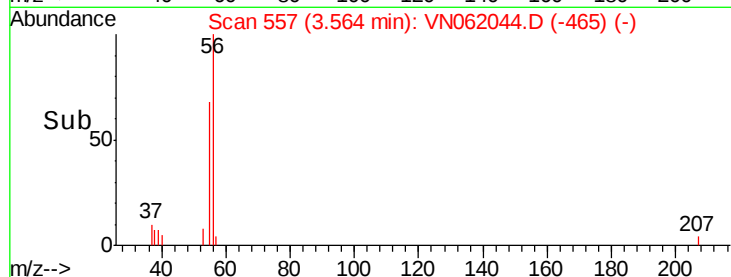
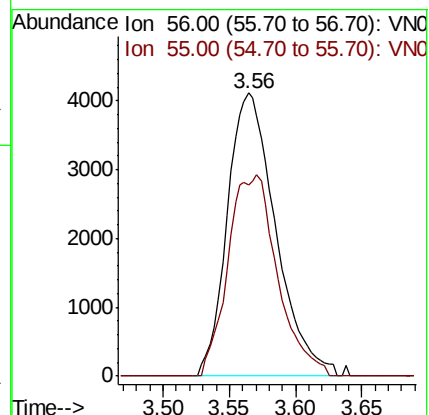
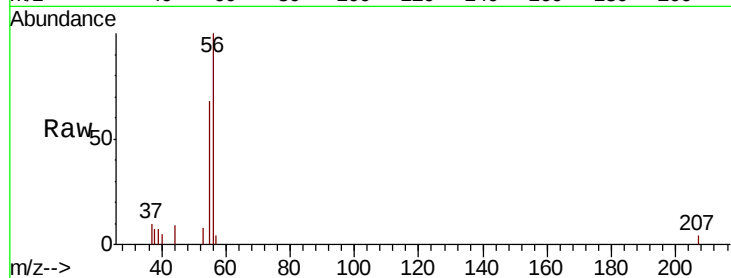
VN0623WBS01

Tot Ion: 56 Resp: 10442

Ion Ratio Lower Upper

56 100

55 72.5 56.2 84.4



#14

Allyl chloride

Concen: 21.572 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN062044.D

Acq: 23 Jun 2020 16:06

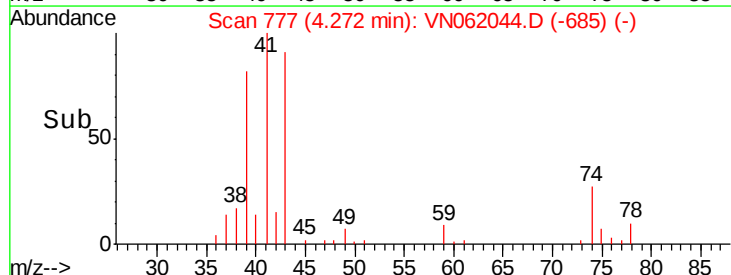
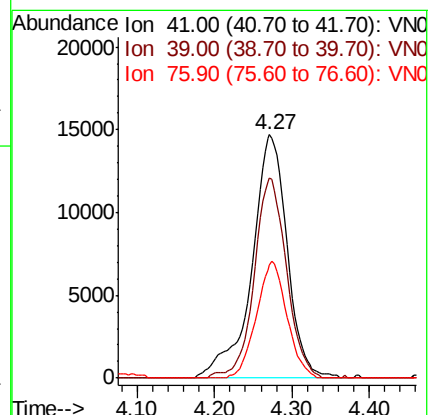
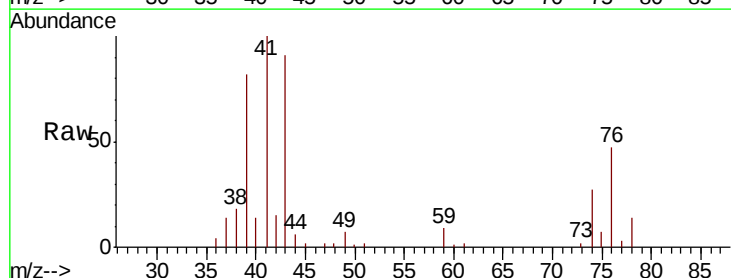
Tgt Ion: 41 Resp: 47037

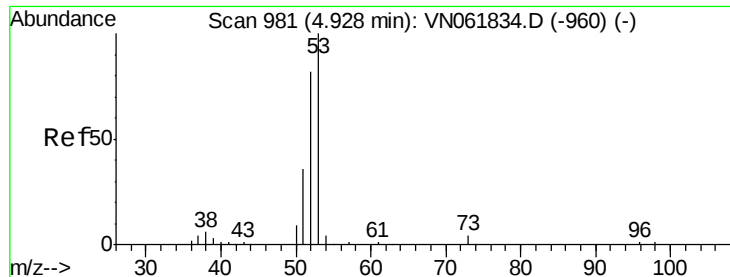
Ion Ratio Lower Upper

41 100

39 74.9 60.2 90.2

76 41.3 36.3 54.5





#15

Acrylonitrile

Concen: 112.924 ug/l

RT: 4.93 min Scan# 981

Delta R.T. -0.00 min

Lab File: VN062044.D

Acq: 23 Jun 2020 16:06

Instrument :

MSVOA_N

ClientSampleId :

VN0623WBS01

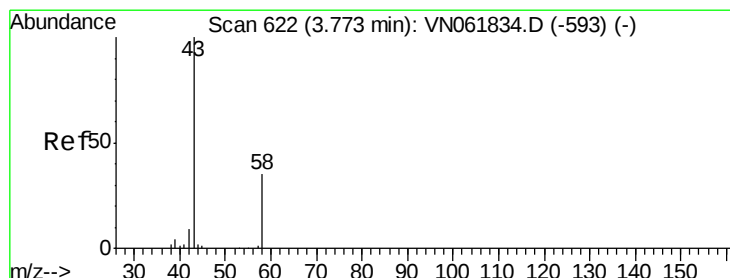
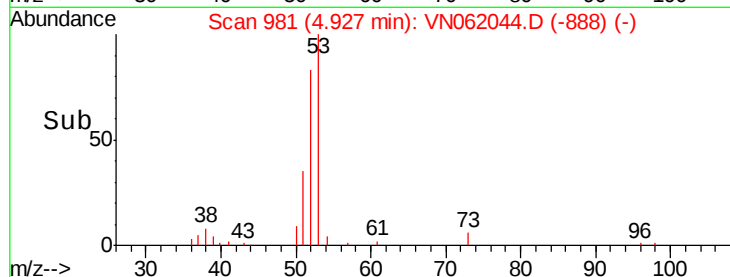
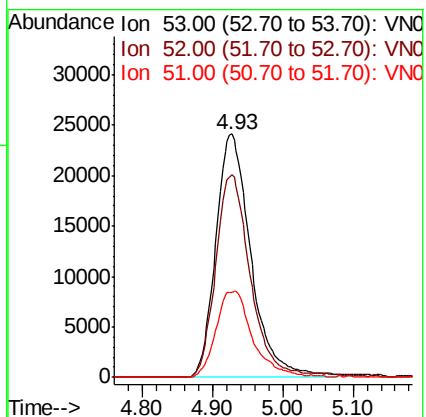
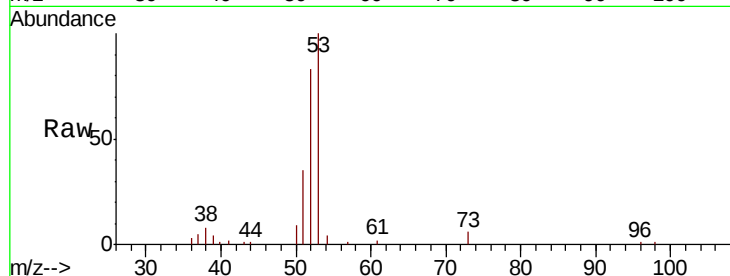
Tot Ion: 53 Resp: 83964

Ion Ratio Lower Upper

53 100

52 81.4 65.2 97.8

51 36.8 29.3 43.9



#16

Acetone

Concen: 110.455 ug/l

RT: 3.77 min Scan# 622

Delta R.T. -0.00 min

Lab File: VN062044.D

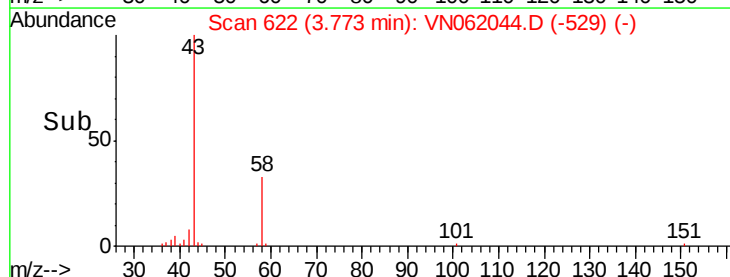
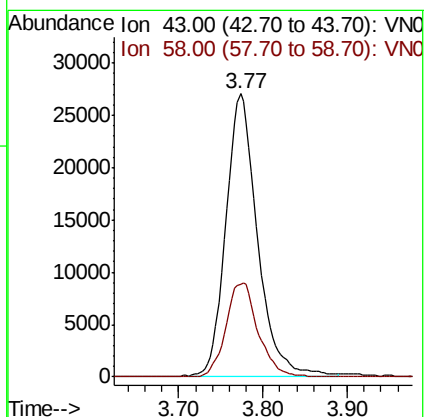
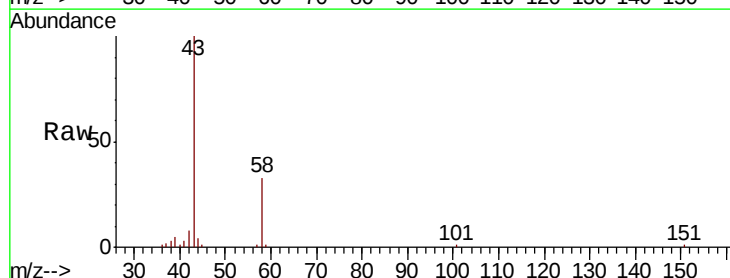
Acq: 23 Jun 2020 16:06

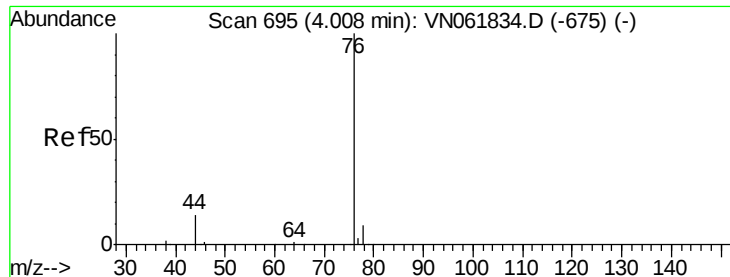
Tgt Ion: 43 Resp: 70751

Ion Ratio Lower Upper

43 100

58 32.7 27.8 41.8





#17

Carbon Disulfide

Concen: 15.723 ug/l

RT: 4.01 min Scan# 695

Delta R.T. -0.00 min

Lab File: VN062044.D

Acq: 23 Jun 2020 16:06

Instrument :

MSVOA_N

ClientSampleId :

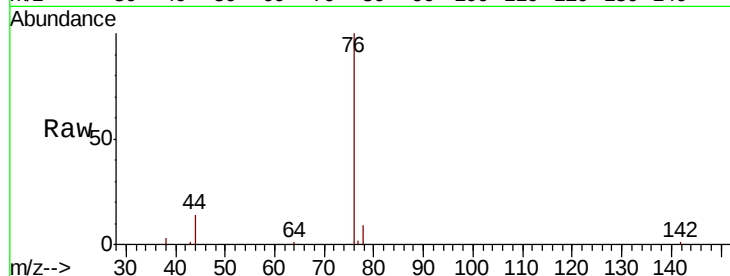
VN0623WBS01

Tot Ion: 76 Resp: 75580

Ion Ratio Lower Upper

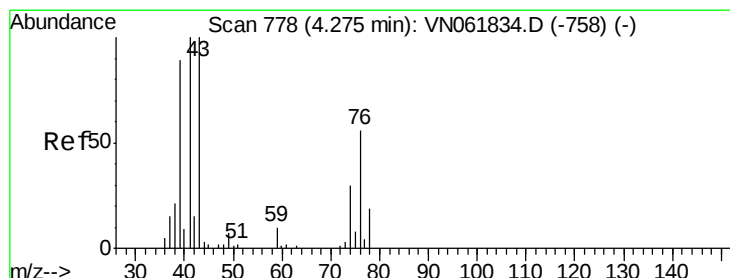
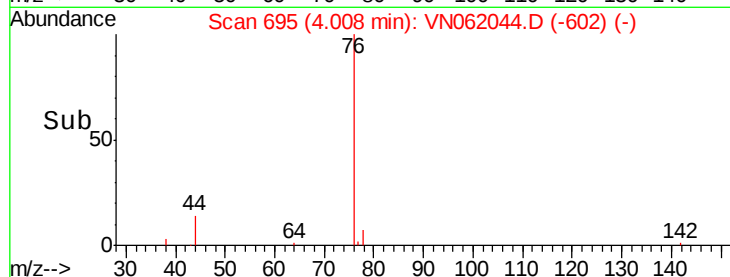
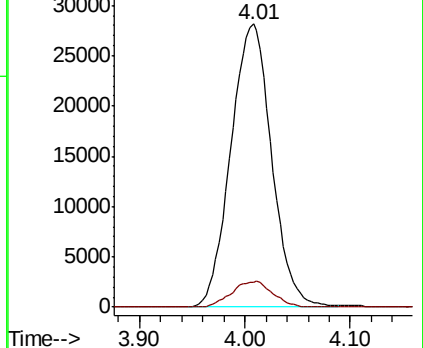
76 100

78 8.8 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VN061834.D (-675) (-)

Ion 77.90 (77.60 to 78.60): VN061834.D (-675) (-)



#18

Methyl Acetate

Concen: 21.764 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN062044.D

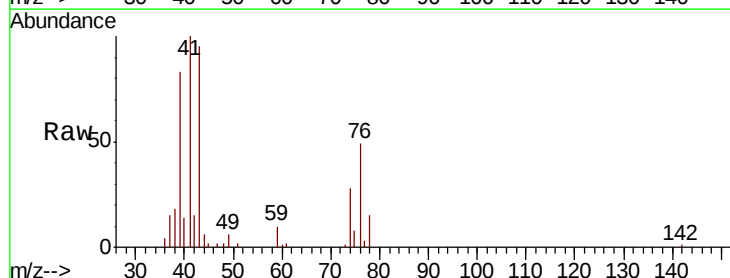
Acq: 23 Jun 2020 16:06

Tgt Ion: 43 Resp: 40135

Ion Ratio Lower Upper

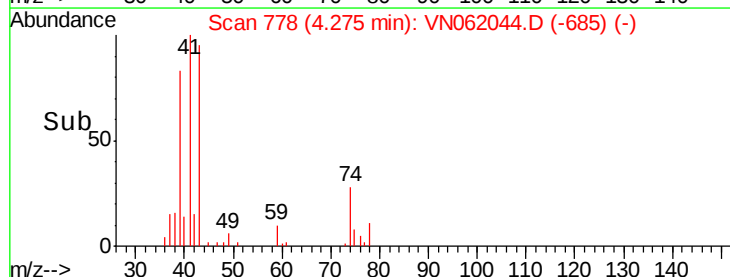
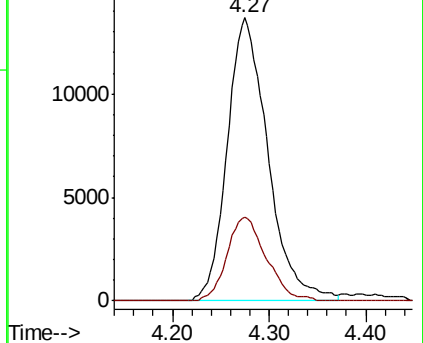
43 100

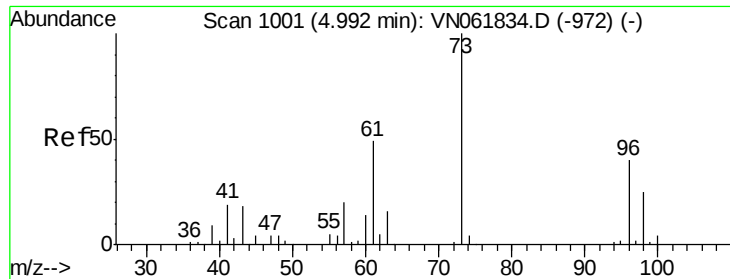
74 28.5 23.0 34.4



Abundance Ion 43.00 (42.70 to 43.70): VN061834.D (-758) (-)

Ion 74.00 (73.70 to 74.70): VN061834.D (-758) (-)

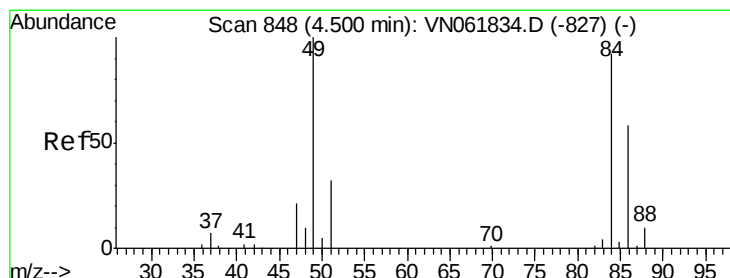
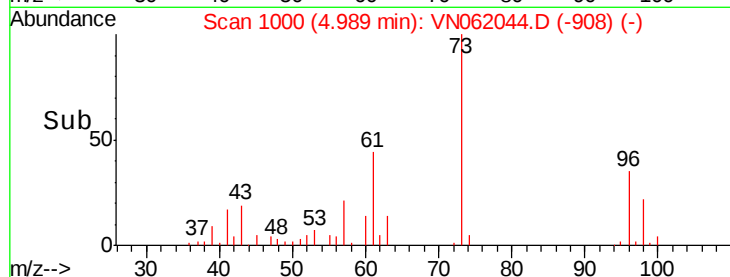
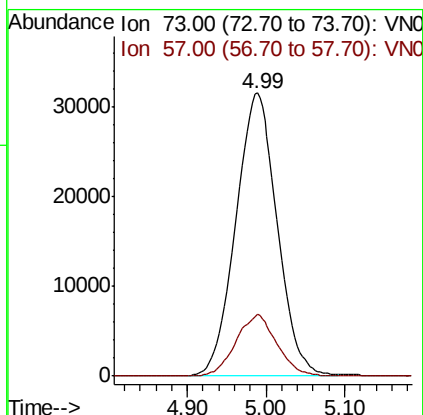
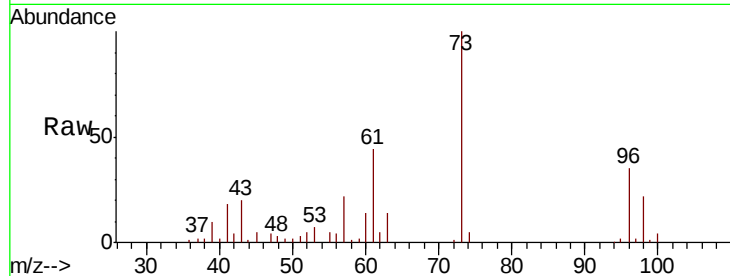




#19
Methvl tert-butvl Ether
Concen: 21.256 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VN062044.D
Acq: 23 Jun 2020 16:06

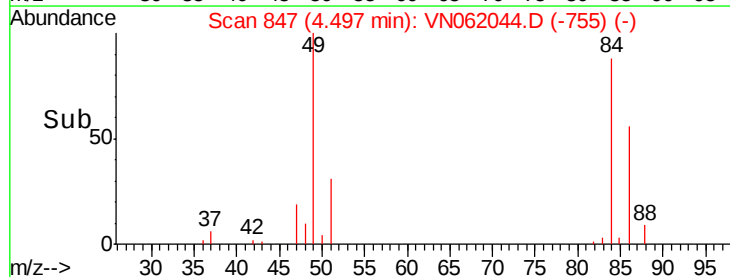
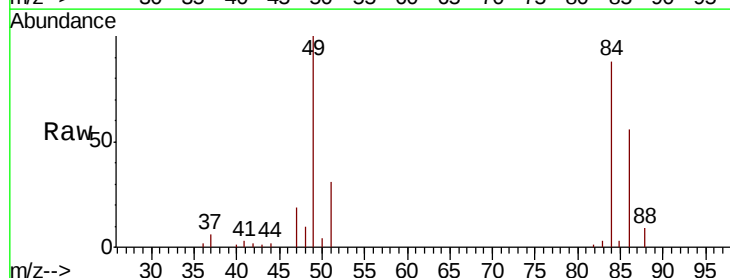
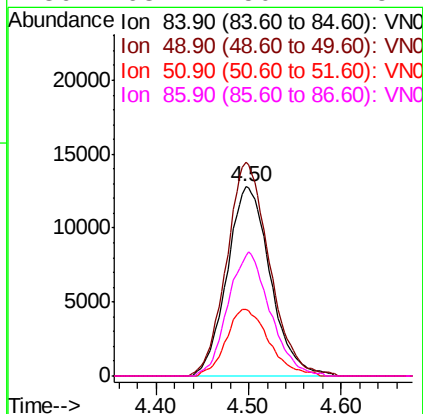
Instrument :
MSVOA_N
ClientSampleId :
VN0623WBS01

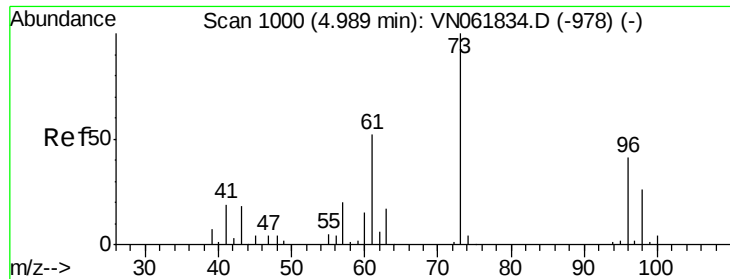
Tot Ion: 73 Resp: 116270
Ion Ratio Lower Upper
73 100
57 21.7 16.2 24.4



#20
Methylene Chloride
Concen: 19.832 ug/l
RT: 4.50 min Scan# 847
Delta R.T. -0.00 min
Lab File: VN062044.D
Acq: 23 Jun 2020 16:06

Tgt Ion: 84 Resp: 41387
Ion Ratio Lower Upper
84 100
49 113.1 87.0 130.4
51 35.5 27.8 41.6
86 63.4 50.2 75.2

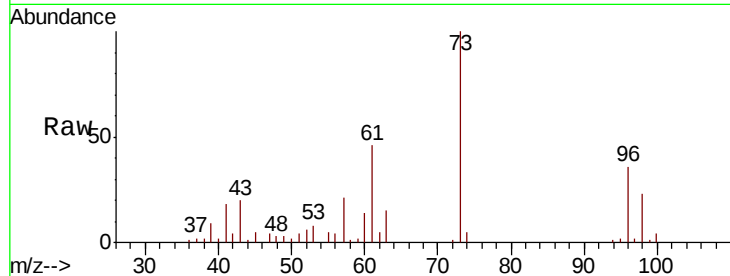




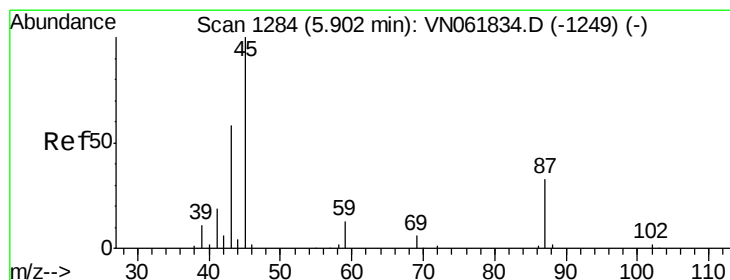
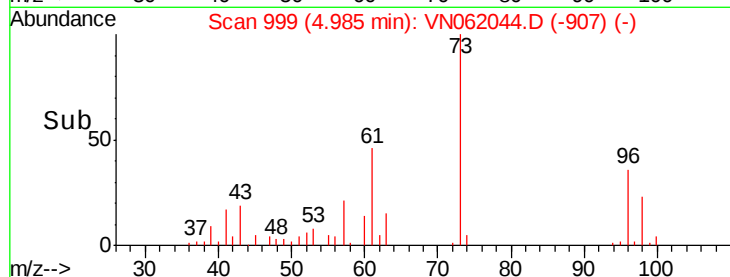
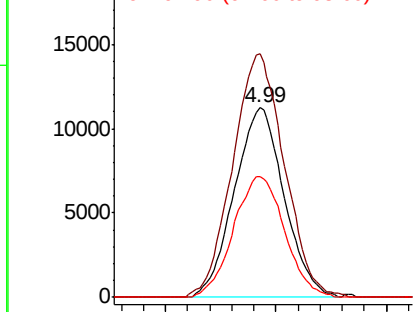
#21
trans-1,2-Dichloroethene
Concen: 18.660 ug/l
RT: 4.99 min Scan# 999
Delta R.T. -0.00 min
Lab File: VN062044.D
Acq: 23 Jun 2020 16:06

Instrument :
MSVOA_N
ClientSampleId :
VN0623WBS01

Tot Ion: 96 Resp: 35211
Ion Ratio Lower Upper
96 100
61 126.7 102.2 153.4
98 64.0 51.2 76.8

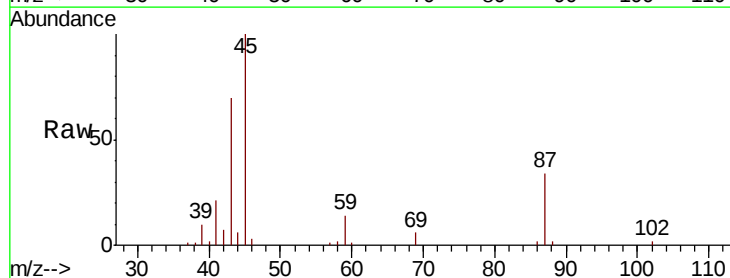


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

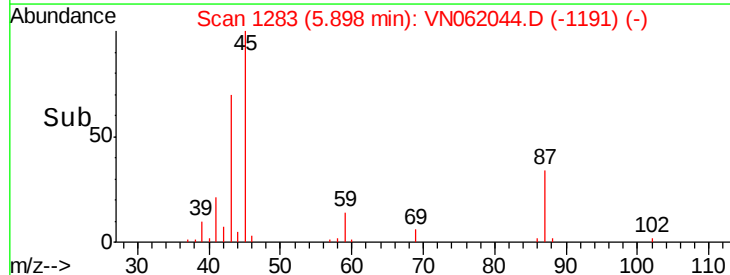
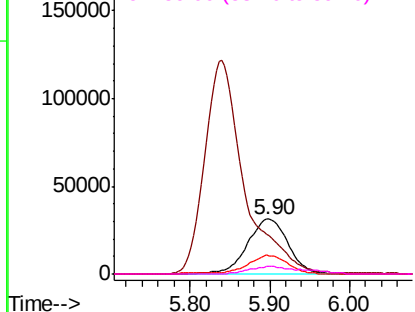


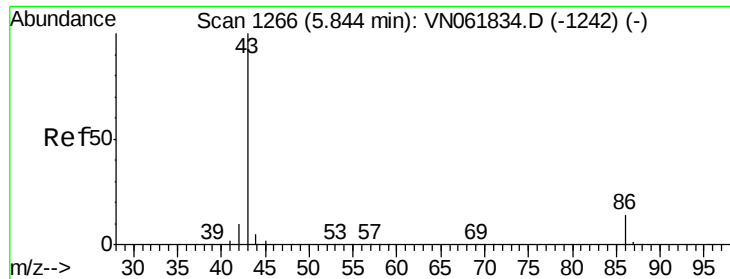
#22
Diisopropyl ether
Concen: 21.901 ug/l
RT: 5.90 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VN062044.D
Acq: 23 Jun 2020 16:06

Tgt Ion: 45 Resp: 109215
Ion Ratio Lower Upper
45 100
43 67.2 49.4 74.2
87 33.9 27.4 41.0
59 14.2 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: 106.398 ug/l

RT: 5.84 min Scan# 1265

Delta R.T. -0.00 min

Lab File: VN062044.D

Acq: 23 Jun 2020 16:06

Instrument :

MSVOA_N

ClientSampled :

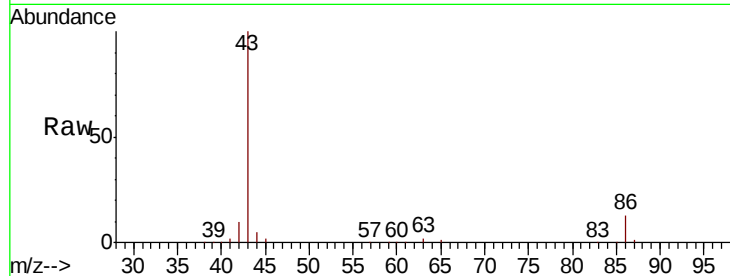
VN0623WBS01

Tot Ion: 43 Resp: 417303

Ion Ratio Lower Upper

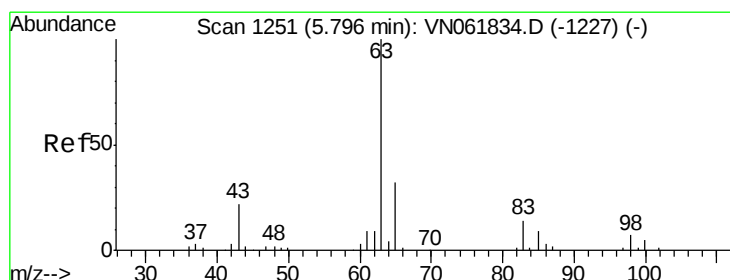
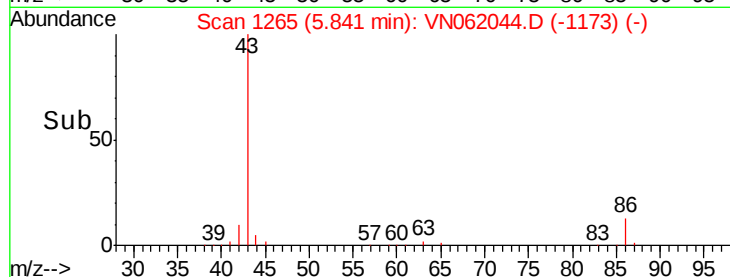
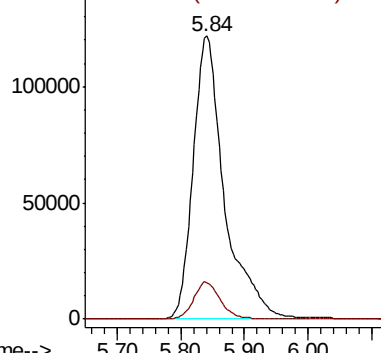
43 100

86 13.0 10.9 16.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 21.090 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN062044.D

Acq: 23 Jun 2020 16:06

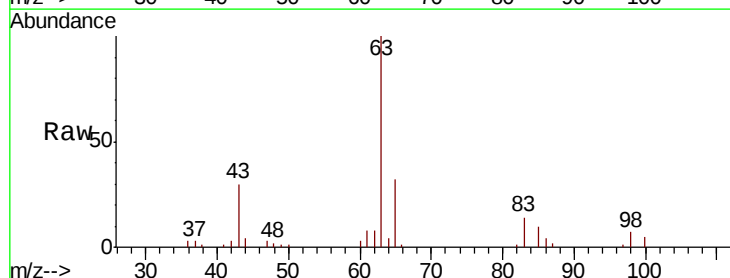
Tgt Ion: 63 Resp: 68846

Ion Ratio Lower Upper

63 100

98 7.1 3.5 10.4

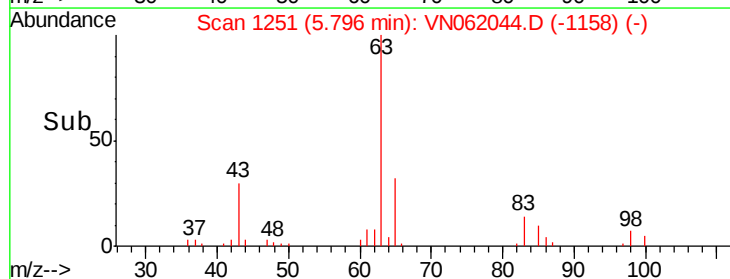
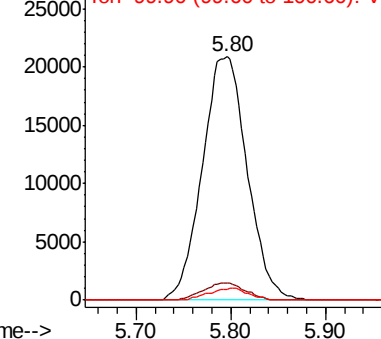
100 4.6 2.5 7.4

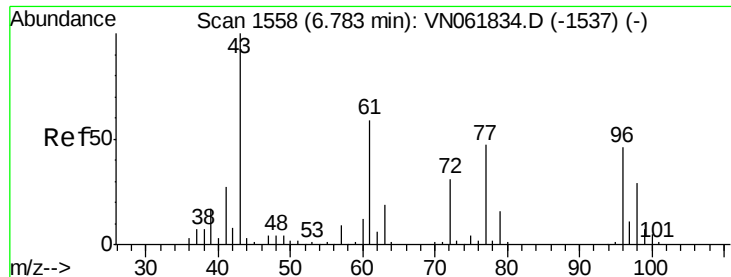


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 109.491 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. -0.00 min

Lab File: VN062044.D

Acq: 23 Jun 2020 16:06

Instrument :

MSVOA_N

ClientSampleId :

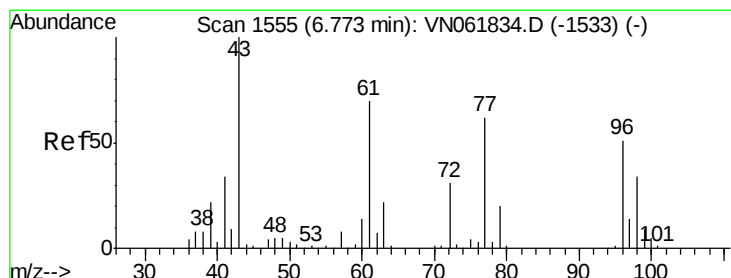
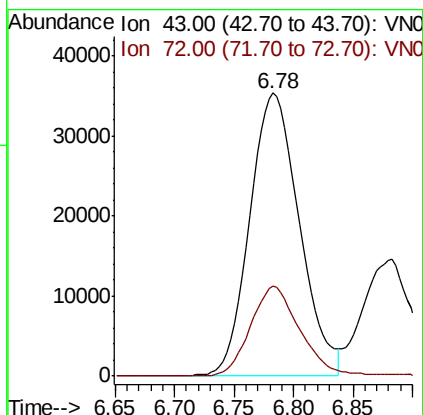
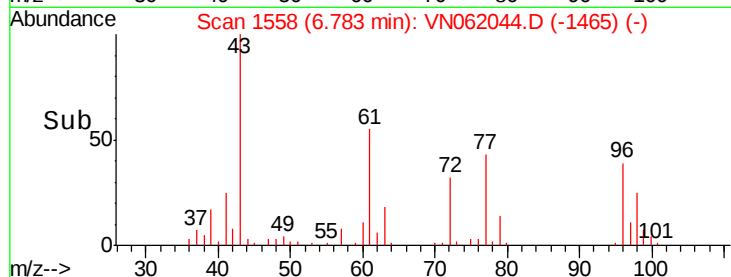
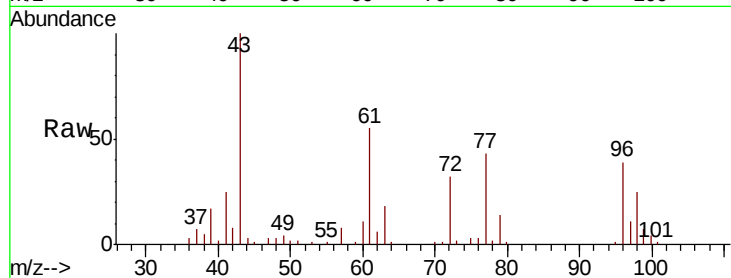
VN0623WBS01

Tot Ion: 43 Resp: 102325

Ion Ratio Lower Upper

43 100

72 31.7 24.6 37.0



#26

2,2-Dichloropropane

Concen: 20.791 ug/l

RT: 6.77 min Scan# 1554

Delta R.T. -0.00 min

Lab File: VN062044.D

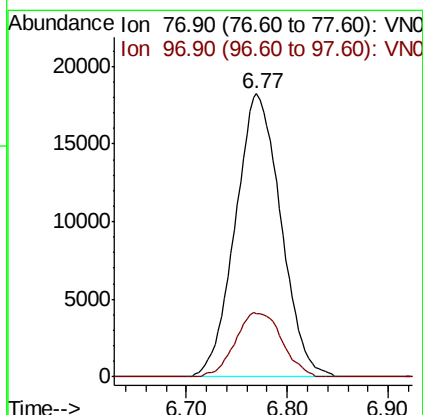
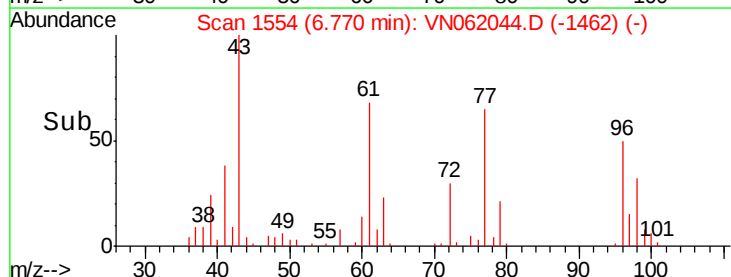
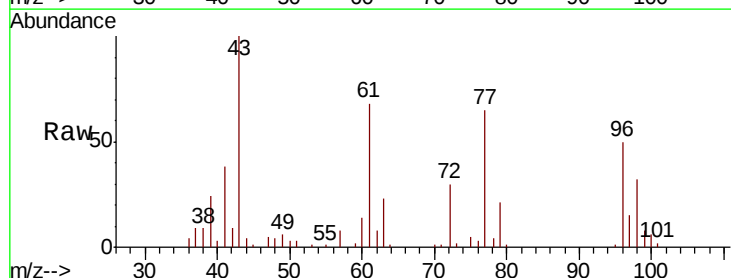
Acq: 23 Jun 2020 16:06

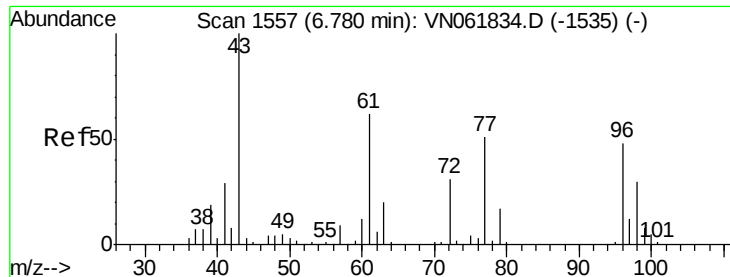
Tgt Ion: 77 Resp: 57100

Ion Ratio Lower Upper

77 100

97 23.3 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 19.826 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. -0.00 min

Lab File: VN062044.D

Acq: 23 Jun 2020 16:06

Instrument :

MSVOA_N

ClientSampled :

VN0623WBS01

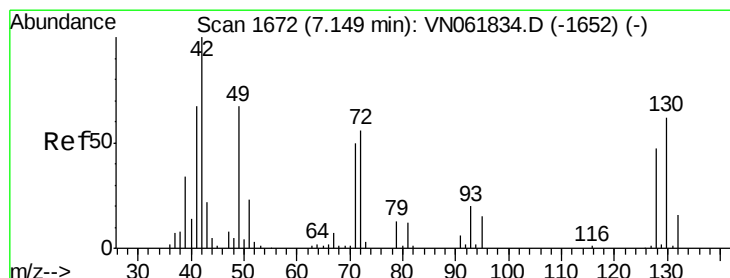
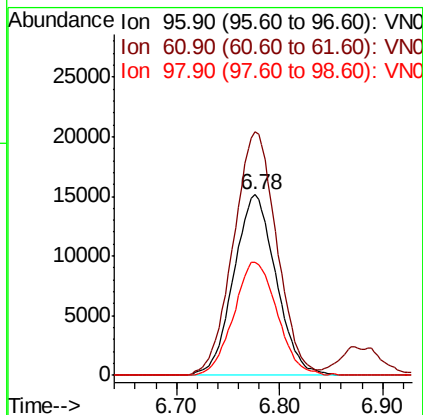
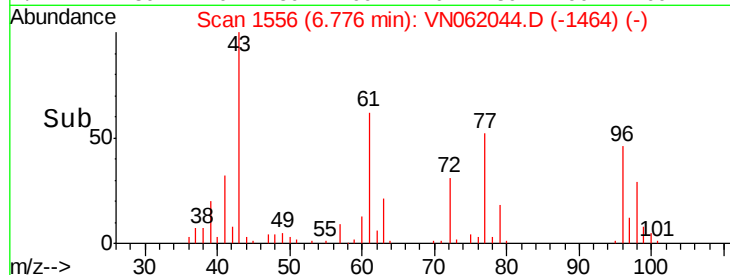
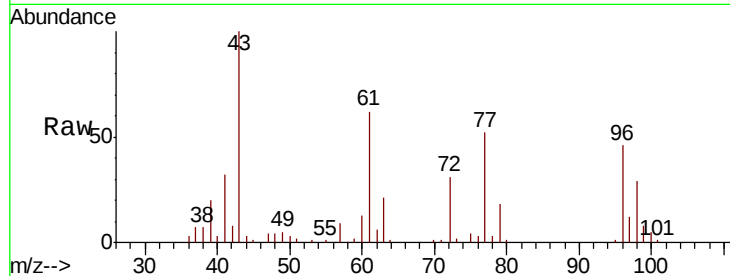
Tot Ion: 96 Resp: 43167

Ion Ratio Lower Upper

96 100

61 138.0 0.0 265.6

98 64.4 0.0 128.2



#28

Bromochloromethane

Concen: 20.035 ug/l

RT: 7.14 min Scan# 1670

Delta R.T. -0.01 min

Lab File: VN062044.D

Acq: 23 Jun 2020 16:06

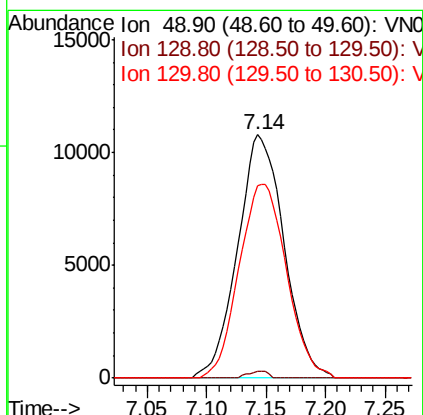
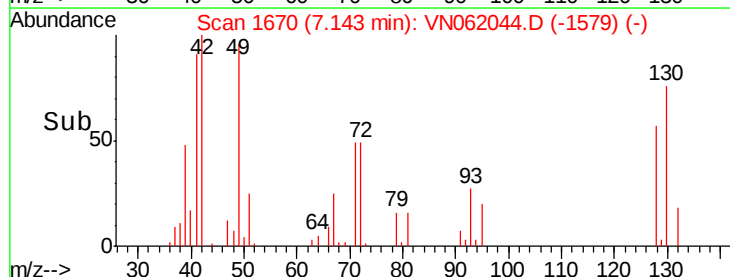
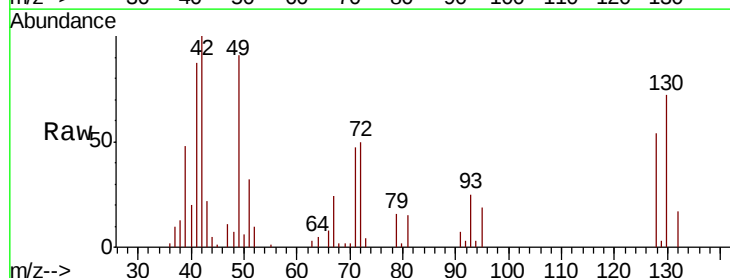
Tgt Ion: 49 Resp: 29121

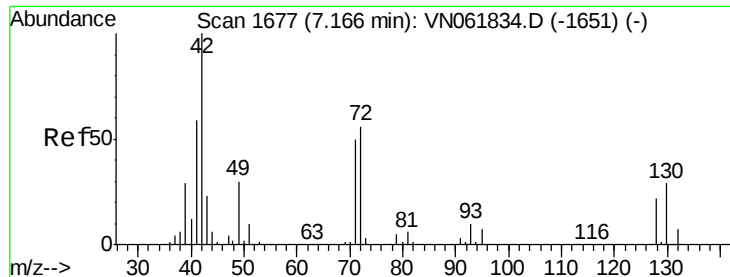
Ion Ratio Lower Upper

49 100

129 1.3 0.0 4.0

130 81.3 72.2 108.2

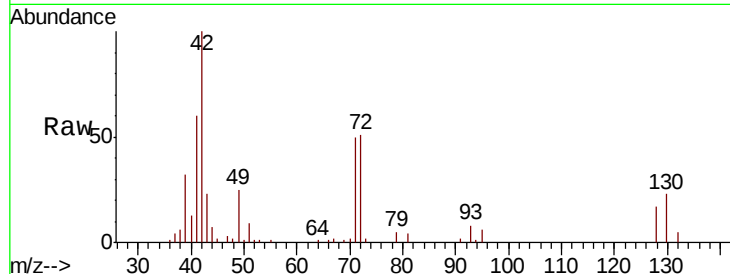




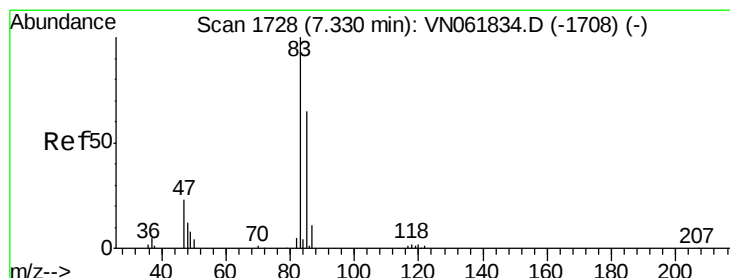
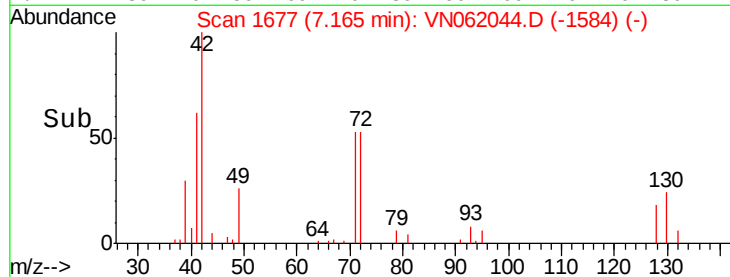
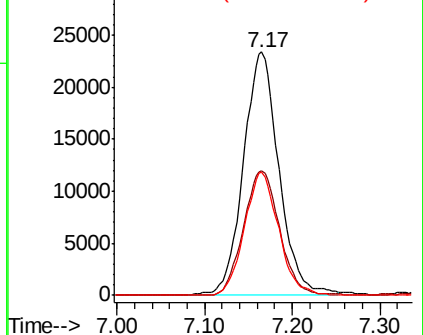
#29
Tetrahydrofuran
Concen: 107.118 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN062044.D
Acq: 23 Jun 2020 16:06

Instrument :
MSVOA_N
ClientSampled :
VN0623WBS01

Tot Ion: 42 Resp: 65881
Ion Ratio Lower Upper
42 100
72 51.4 44.0 66.0
71 48.6 40.0 60.0

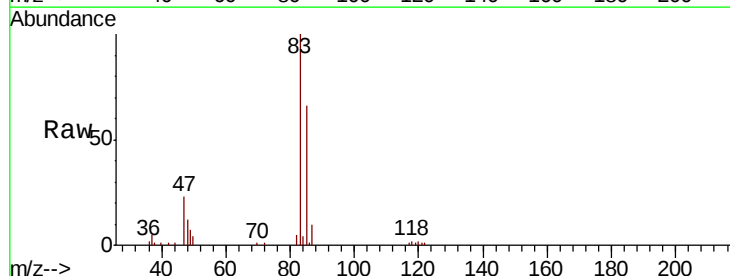


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

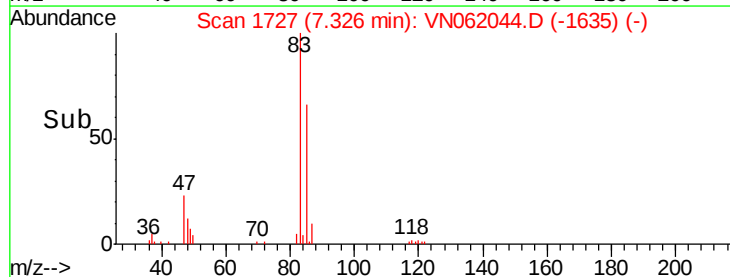
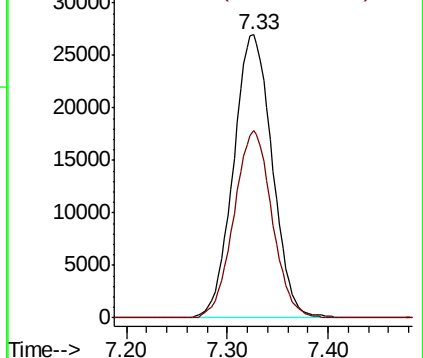


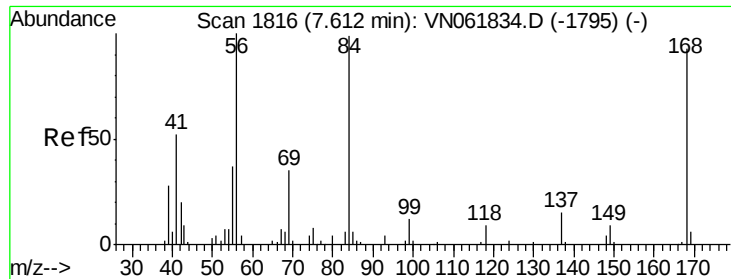
#30
Chloroform
Concen: 20.585 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN062044.D
Acq: 23 Jun 2020 16:06

Tgt Ion: 83 Resp: 71817
Ion Ratio Lower Upper
83 100
85 66.1 52.0 78.0



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

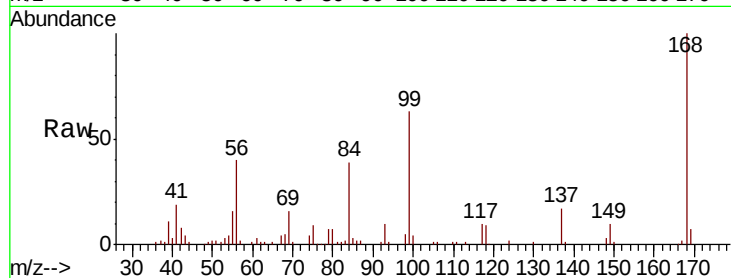




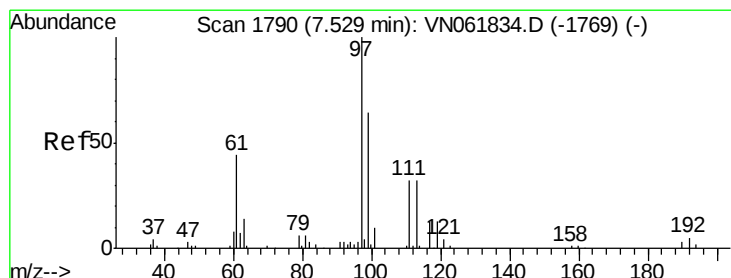
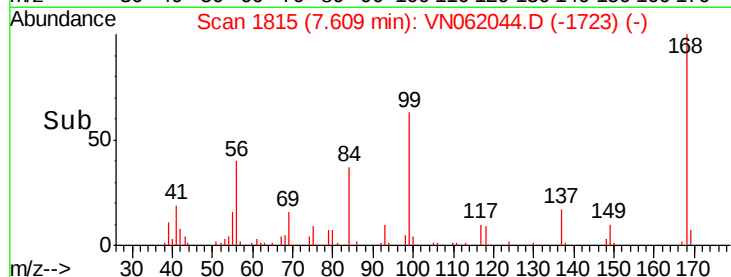
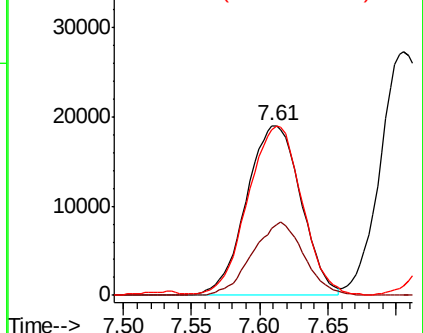
#31
Cyclohexane
Concen: 18.483 ug/l
RT: 7.61 min Scan# 1815
Delta R.T. -0.00 min
Lab File: VN062044.D
Acq: 23 Jun 2020 16:06

Instrument :
MSVOA_N
ClientSampleId :
VN0623WBS01

Tot Ion: 56 Resp: 52820
Ion Ratio Lower Upper
56 100
69 39.2 27.7 41.5
84 96.5 79.1 118.7

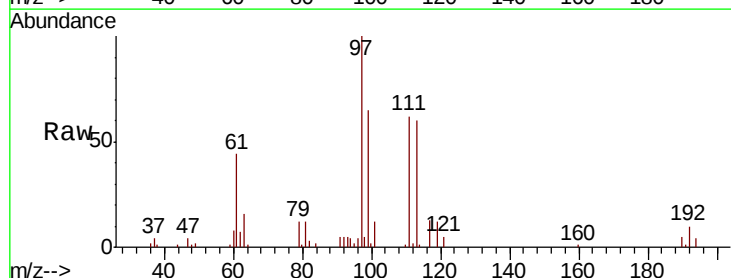


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

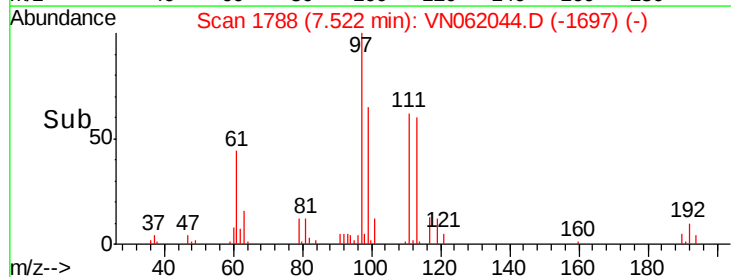
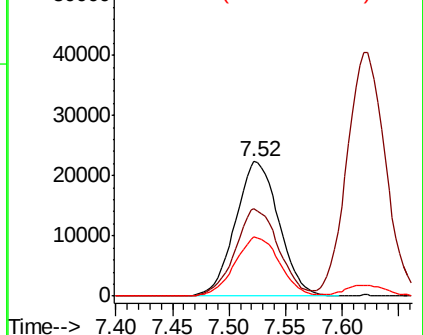


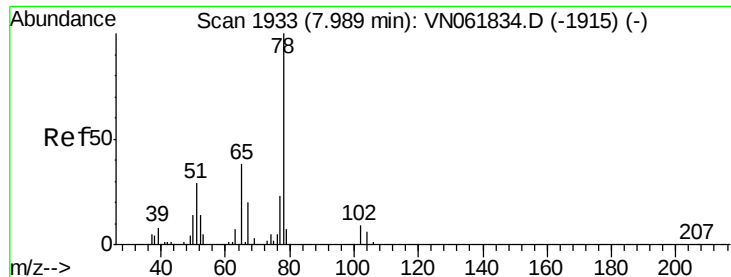
#32
1,1,1-Trichloroethane
Concen: 20.161 ug/l
RT: 7.52 min Scan# 1788
Delta R.T. -0.01 min
Lab File: VN062044.D
Acq: 23 Jun 2020 16:06

Tgt Ion: 97 Resp: 59902
Ion Ratio Lower Upper
97 100
99 64.7 51.5 77.3
61 45.0 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: 50.458 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN062044.D

Acq: 23 Jun 2020 16:06

Instrument :

MSVOA_N

ClientSampleId :

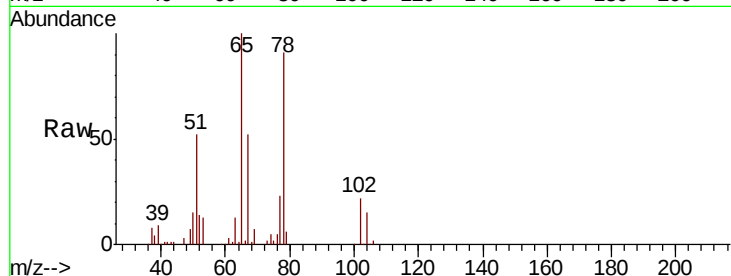
VN0623WBS01

Tot Ion: 65 Resp: 109418

Ion Ratio Lower Upper

65 100

67 52.3 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VN061834.D (-1915) (-)

Ion 66.90 (66.60 to 67.60): VN061834.D (-1915) (-)

7.99

50000

40000

30000

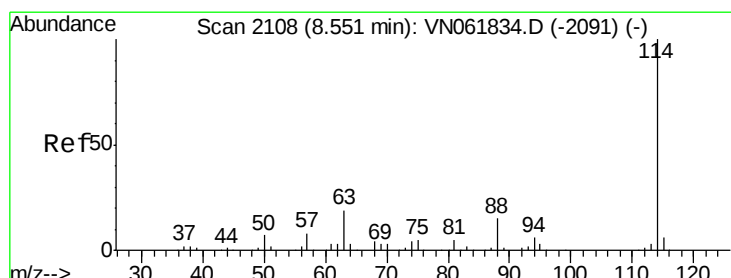
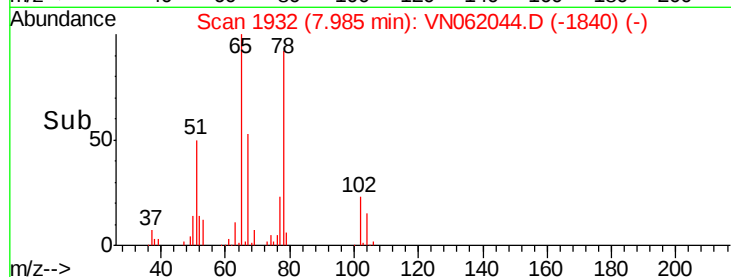
20000

10000

0

7.90 7.95 8.00 8.05

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2107

Delta R.T. -0.00 min

Lab File: VN062044.D

Acq: 23 Jun 2020 16:06

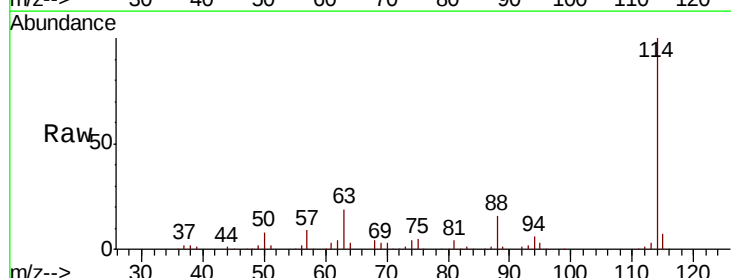
Tgt Ion: 114 Resp: 279180

Ion Ratio Lower Upper

114 100

63 19.4 0.0 37.6

88 15.5 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): VN061834.D (-2091) (-)

Ion 63.00 (62.70 to 63.70): VN061834.D (-2091) (-)

Ion 87.90 (87.60 to 88.60): VN061834.D (-2091) (-)

8.55

150000

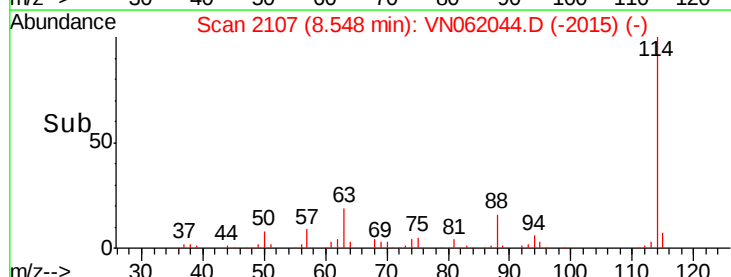
100000

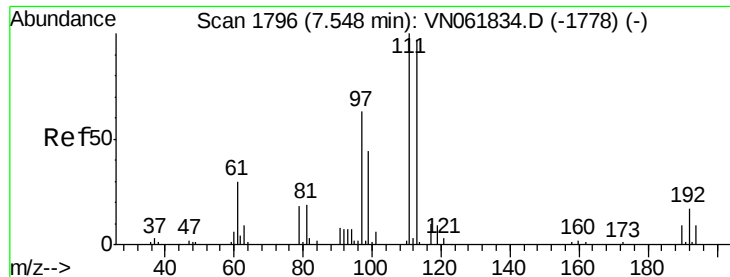
50000

0

8.50 8.55 8.60 8.70

Time-->

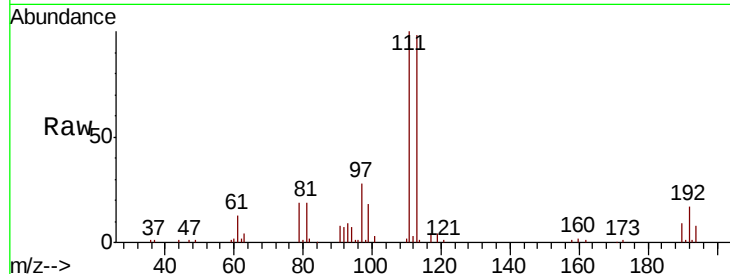




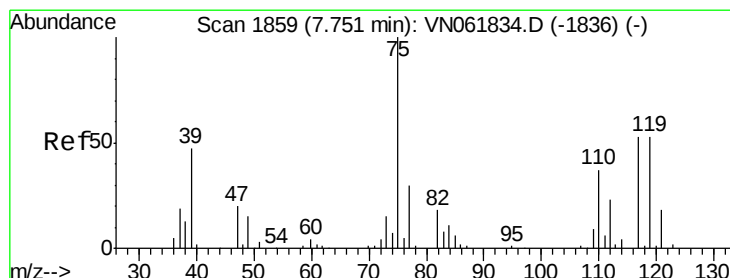
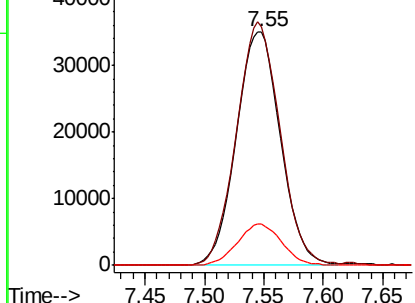
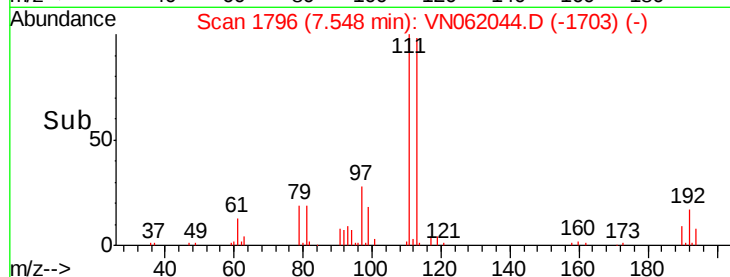
#35
 Dibromofluoromethane
 Concen: 50.442 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062044.D
 Acq: 23 Jun 2020 16:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0623WBS01

Tot Ion	113	Resp	90092
Ion Ratio	Lower	Upper	
113	100		
111	102.7	83.7	125.5
192	17.7	13.9	20.9

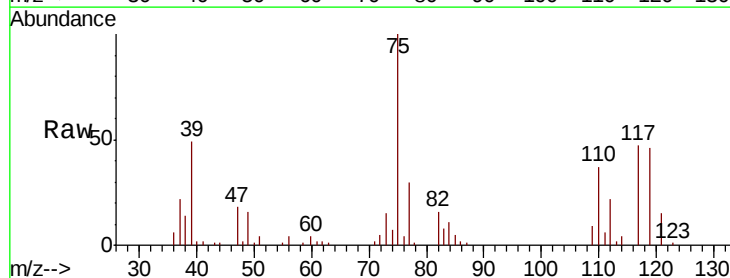


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

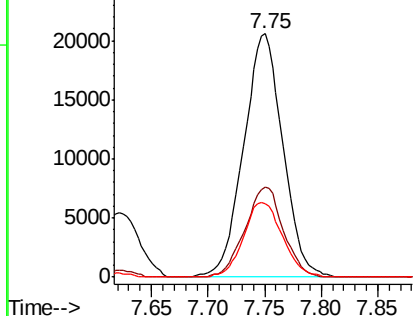
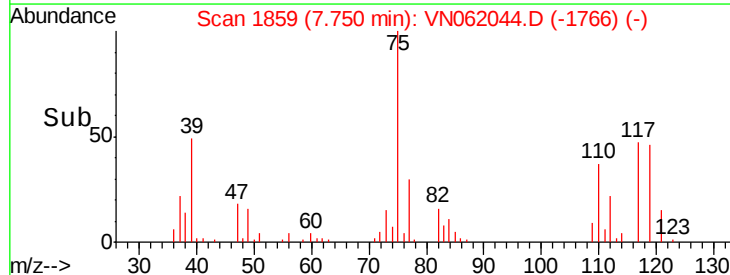


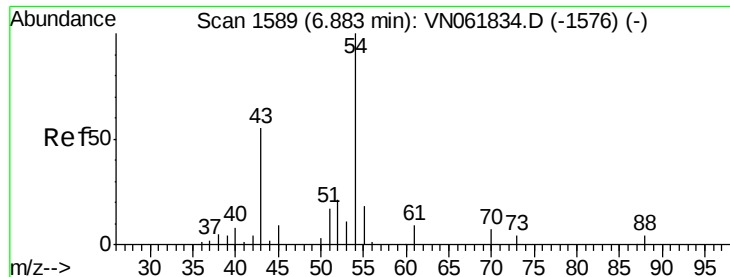
#36
 1,1-Dichloropropene
 Concen: 19.479 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN062044.D
 Acq: 23 Jun 2020 16:06

Tgt Ion	75	Resp	49601
Ion Ratio	Lower	Upper	
75	100		
110	36.2	18.2	54.6
77	30.5	24.2	36.4



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

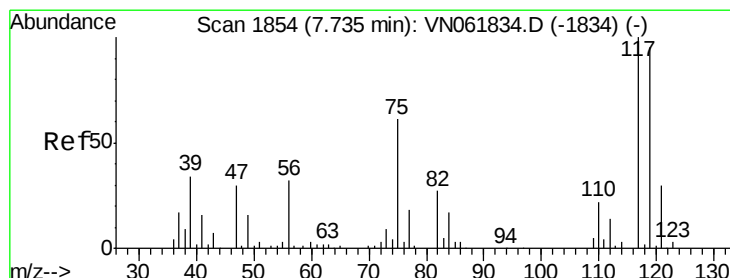
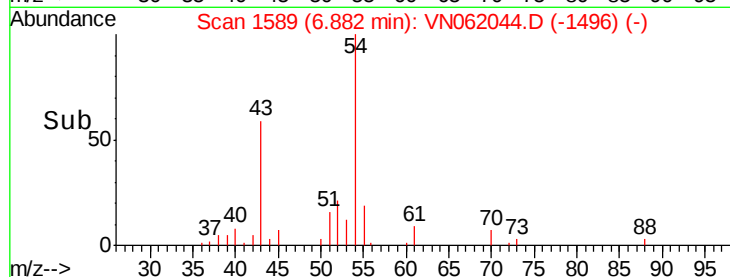
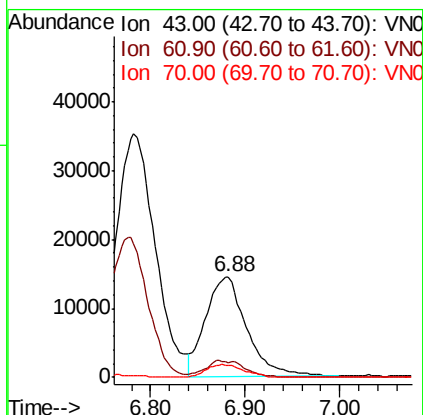
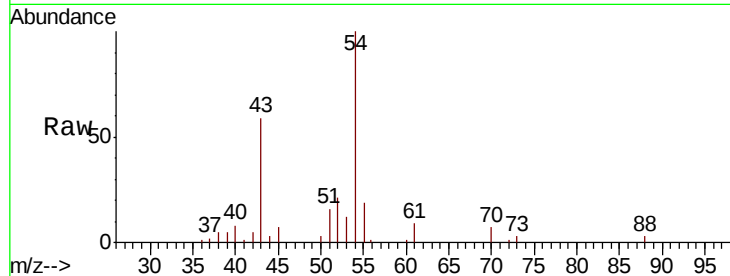




#37
Ethyl Acetate
Concen: 21.901 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. -0.00 min
Lab File: VN062044.D
Acq: 23 Jun 2020 16:06

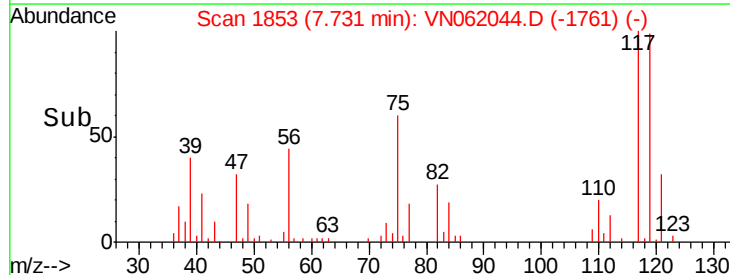
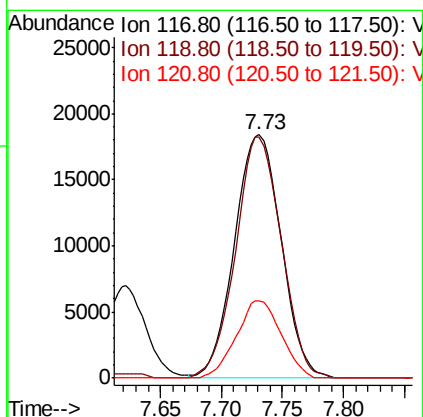
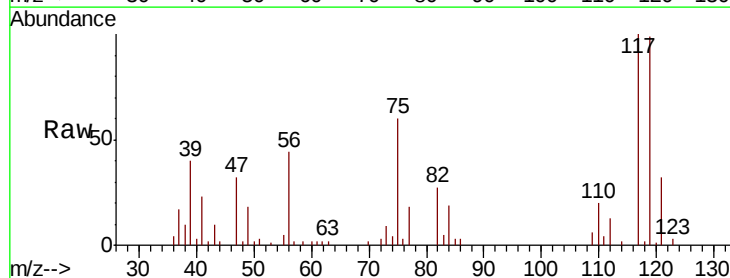
Instrument :
MSVOA_N
ClientSampleID :
VN0623WBS01

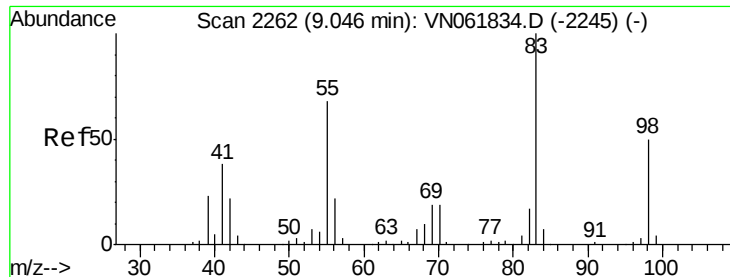
Tot Ion: 43 Resp: 43551
Ion Ratio Lower Upper
43 100
61 6.8 13.0 19.4#
70 11.8 9.4 14.2



#38
Carbon Tetrachloride
Concen: 19.401 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062044.D
Acq: 23 Jun 2020 16:06

Tgt Ion: 117 Resp: 48924
Ion Ratio Lower Upper
117 100
119 98.8 75.8 113.6
121 31.7 23.8 35.6

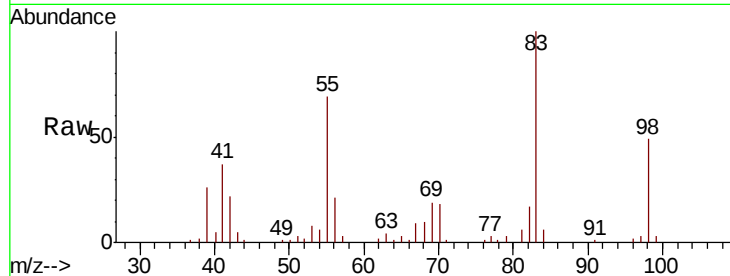




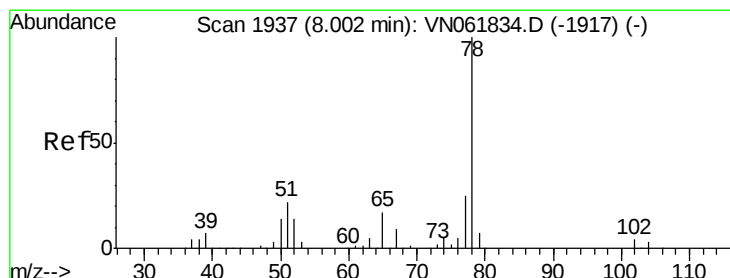
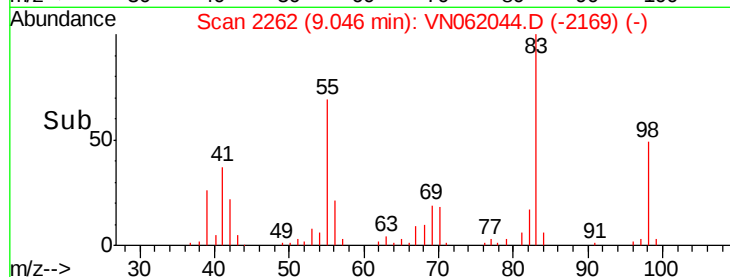
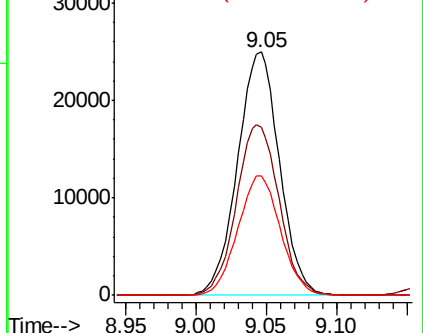
#39
Methvlcvclohexane
Concen: 18.965 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062044.D
Acq: 23 Jun 2020 16:06

Instrument :
MSVOA_N
ClientSampleId :
VN0623WBS01

Tot Ion: 83 Resp: 52001
Ion Ratio Lower Upper
83 100
55 69.1 54.2 81.4
98 49.0 39.8 59.6

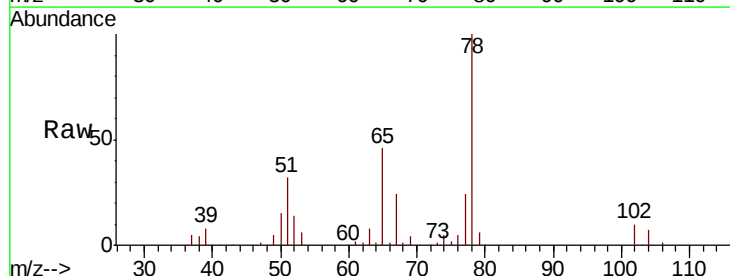


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

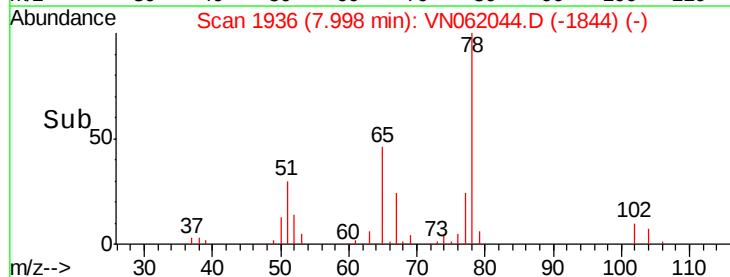
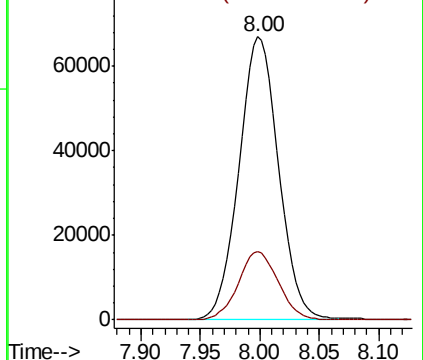


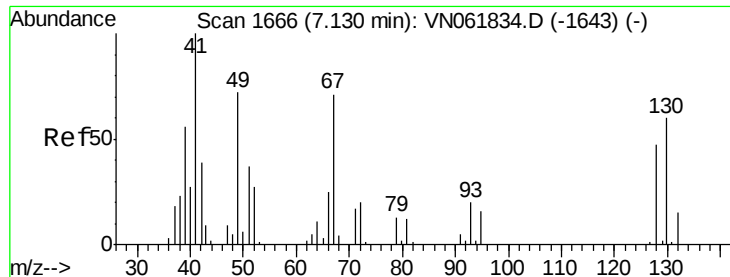
#40
Benzene
Concen: 19.990 ug/l
RT: 8.00 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VN062044.D
Acq: 23 Jun 2020 16:06

Tgt Ion: 78 Resp: 154200
Ion Ratio Lower Upper
78 100
77 24.2 19.7 29.5



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

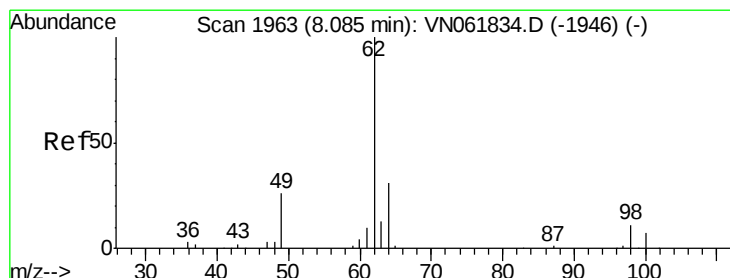
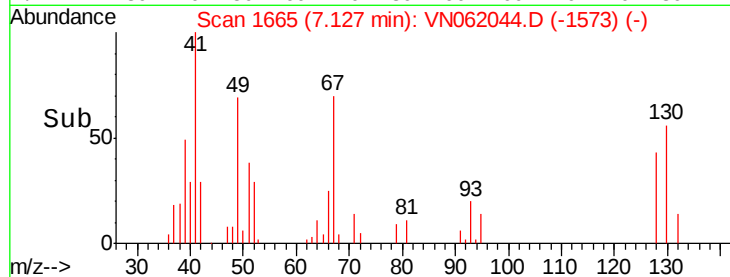
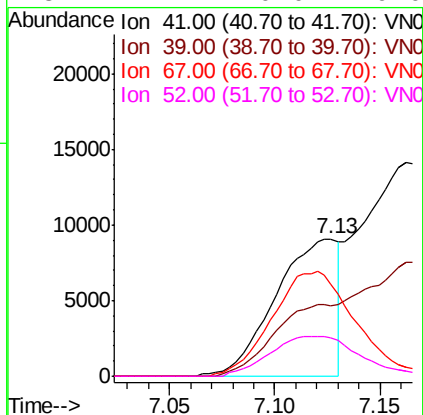
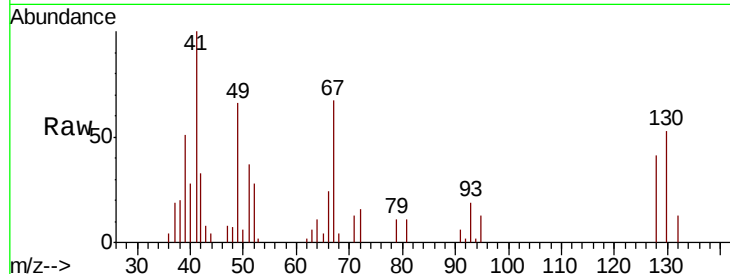




#41
Methacrylonitrile
Concen: 21.974 ug/l
RT: 7.13 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VN062044.D
Acq: 23 Jun 2020 16:06

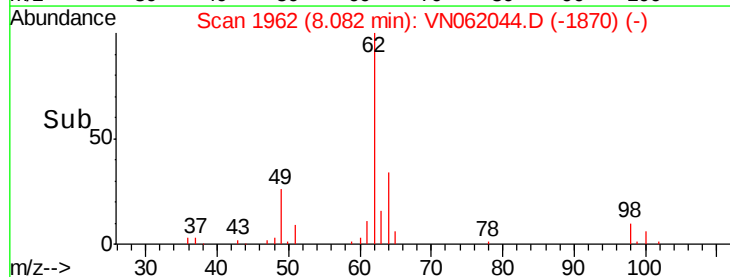
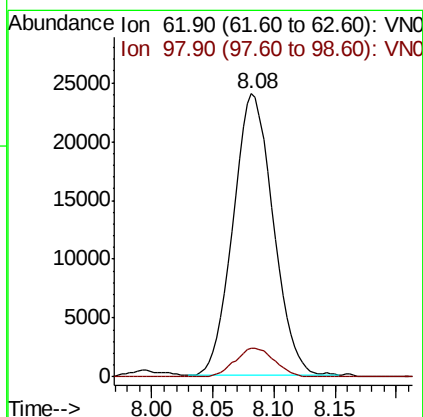
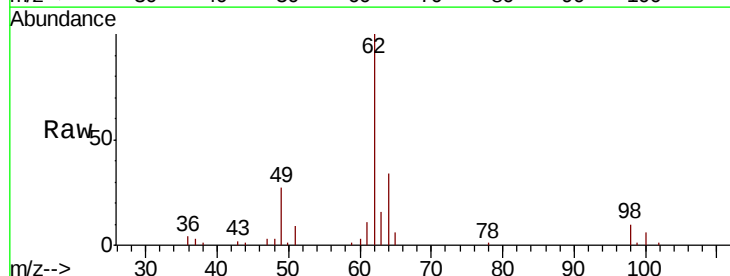
Instrument :
MSVOA_N
ClientSampled :
VN0623WBS01

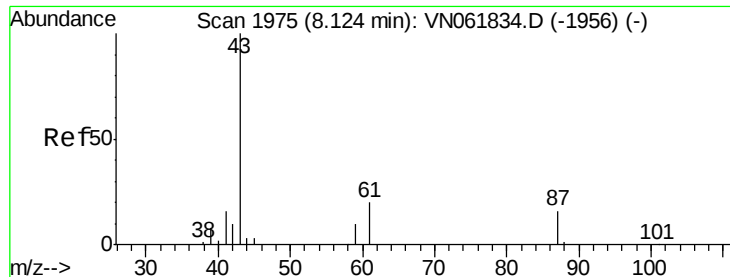
Tot Ion: 41 Resp: 18685
Ion Ratio Lower Upper
41 100
39 0.0 0.0 0.0
67 102.2 0.0 0.0#
52 42.1 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 20.695 ug/l
RT: 8.08 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VN062044.D
Acq: 23 Jun 2020 16:06

Tgt Ion: 62 Resp: 54432
Ion Ratio Lower Upper
62 100
98 10.1 0.0 20.4





#43

Isopropyl Acetate

Concen: 21.894 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.00 min

Lab File: VN062044.D

Acq: 23 Jun 2020 16:06

Instrument :

MSVOA_N

ClientSampleId :

VN0623WBS01

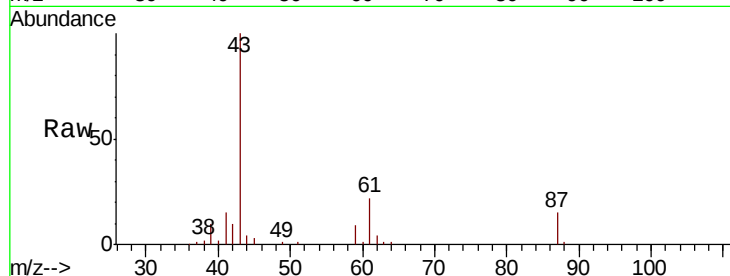
Tot Ion: 43 Resp: 73368

Ion Ratio Lower Upper

43 100

61 22.7 24.0 36.0#

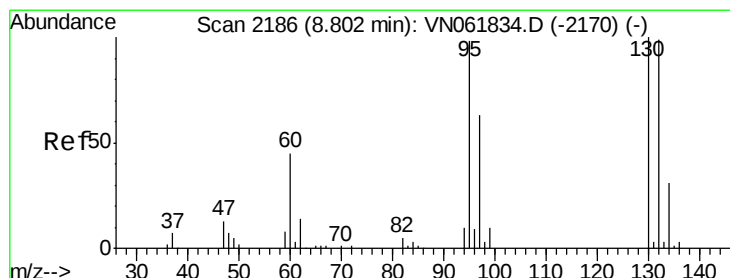
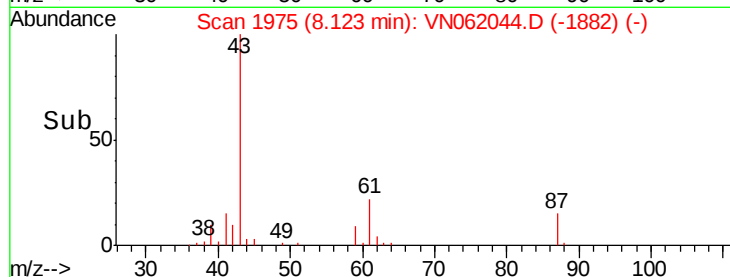
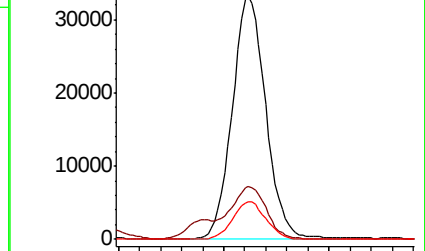
87 15.2 12.5 18.7



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

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

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



#44

Trichloroethene

Concen: 19.091 ug/l

RT: 8.80 min Scan# 2185

Delta R.T. -0.00 min

Lab File: VN062044.D

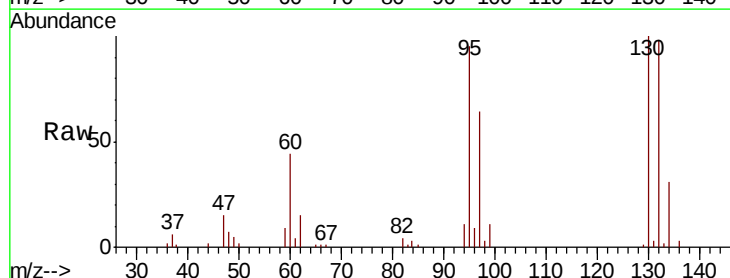
Acq: 23 Jun 2020 16:06

Tgt Ion:130 Resp: 38755

Ion Ratio Lower Upper

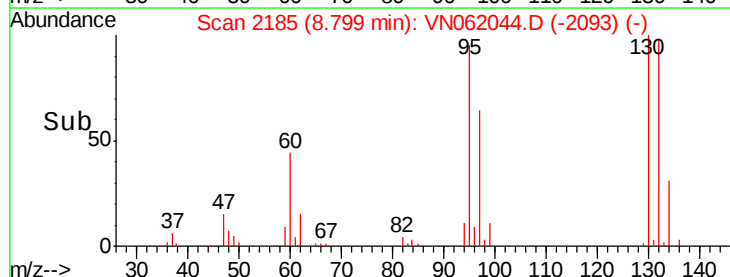
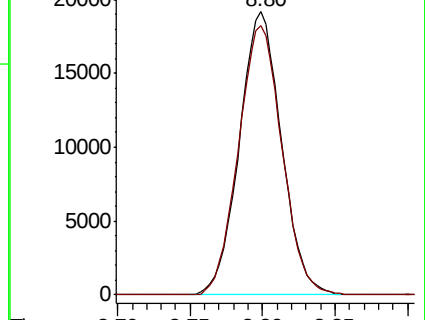
130 100

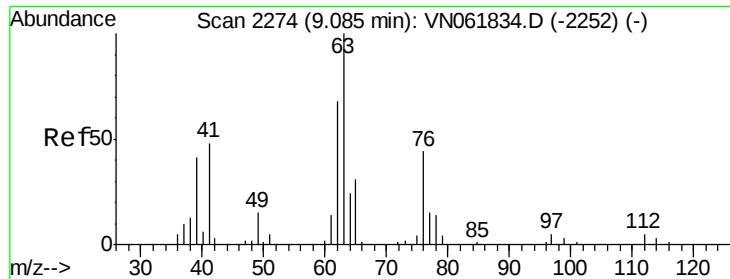
95 95.0 0.0 195.6



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

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

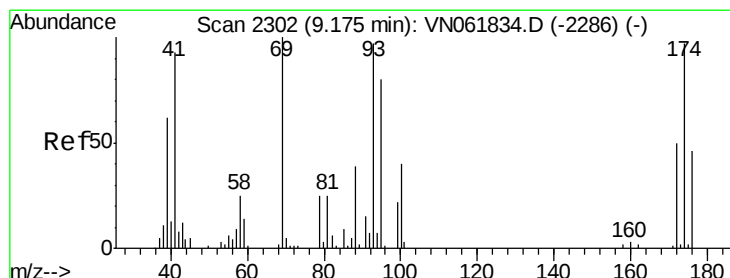
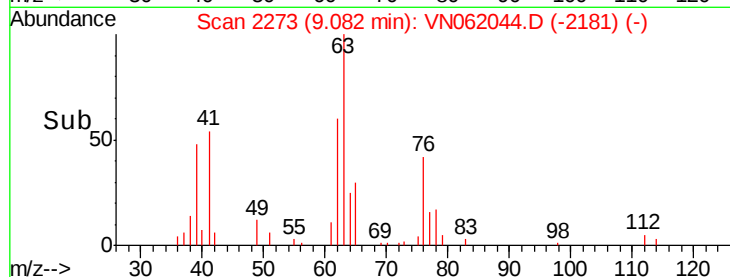
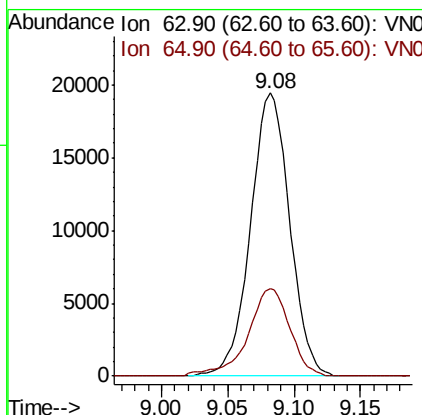
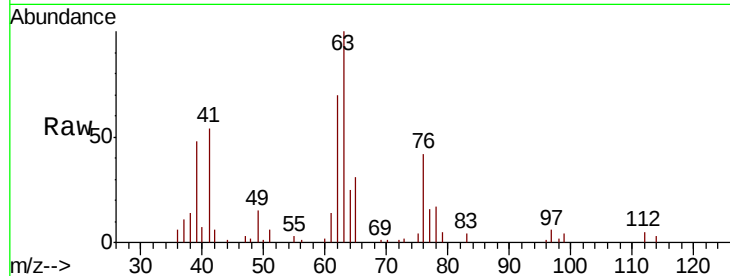




#45
 1,2-Dichloropropane
 Concen: 21.086 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: VN062044.D
 Acq: 23 Jun 2020 16:06

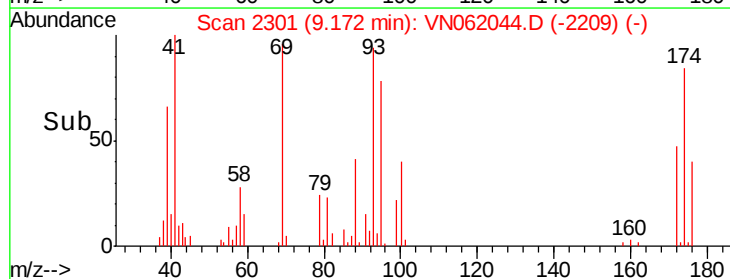
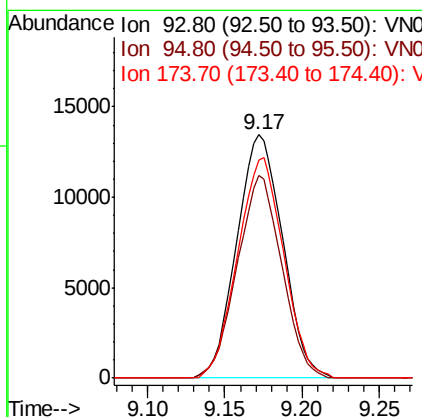
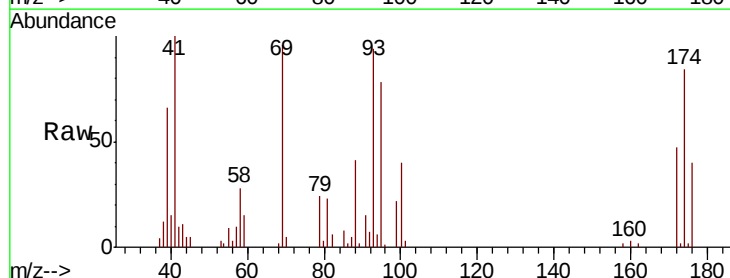
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0623WBS01

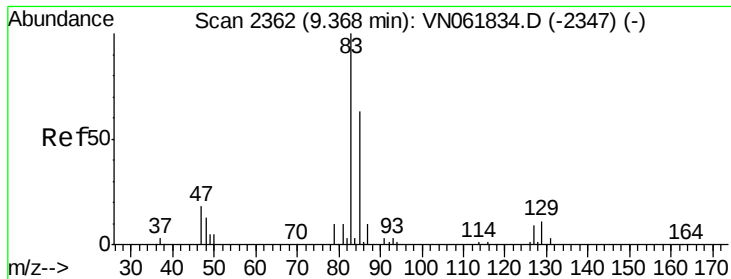
Tot Ion: 63 Resp: 39972
 Ion Ratio Lower Upper
 63 100
 65 30.9 25.1 37.7



#46
 Dibromomethane
 Concen: 20.815 ug/l
 RT: 9.17 min Scan# 2301
 Delta R.T. -0.00 min
 Lab File: VN062044.D
 Acq: 23 Jun 2020 16:06

Tgt Ion: 93 Resp: 27786
 Ion Ratio Lower Upper
 93 100
 95 80.7 65.8 98.6
 174 90.9 78.5 117.7

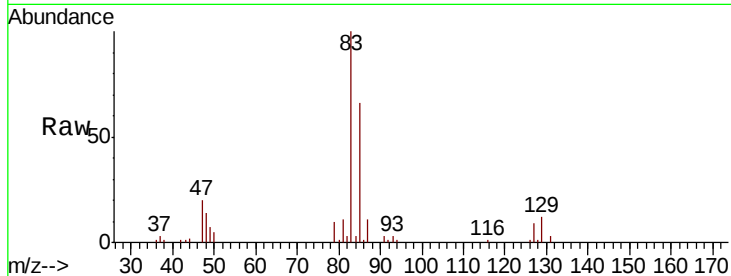




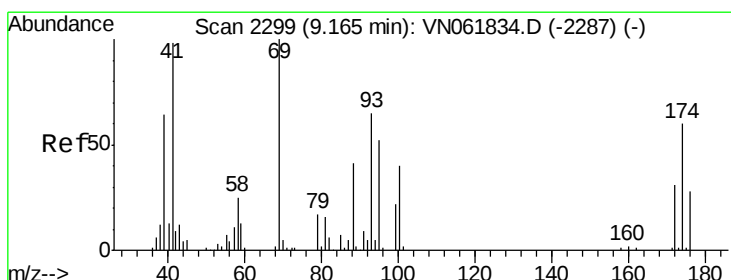
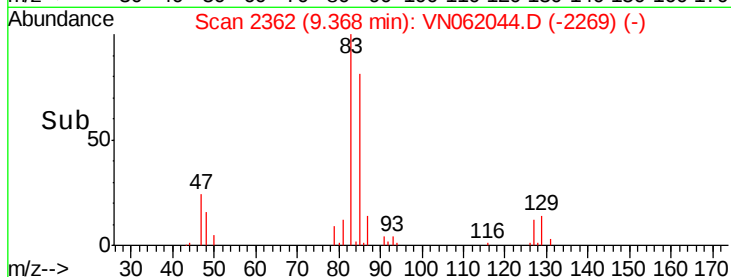
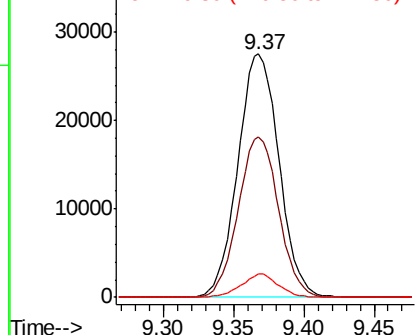
#47
Bromodichloromethane
Concen: 20.564 ug/l
RT: 9.37 min Scan# 2362
Delta R.T. -0.00 min
Lab File: VN062044.D
Acq: 23 Jun 2020 16:06

Instrument :
MSVOA_N
ClientSampleId :
VN0623WBS01

Tot Ion: 83 Resp: 56210
Ion Ratio Lower Upper
83 100
85 65.9 50.8 76.2
127 9.5 7.0 10.4

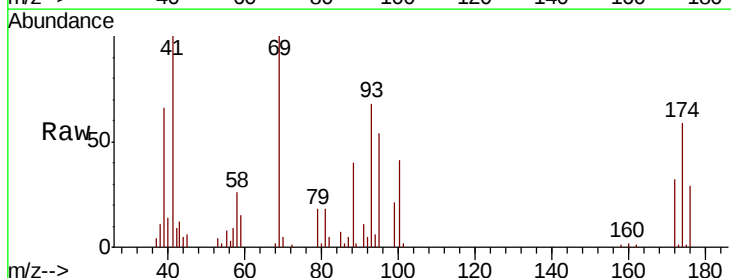


Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 84.90 (84.60 to 85.60): VNO
Ion 126.80 (126.50 to 127.50): VNO

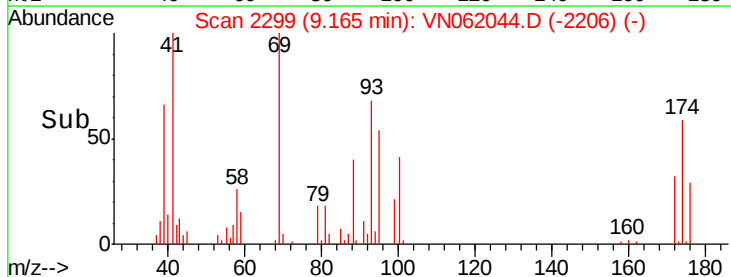
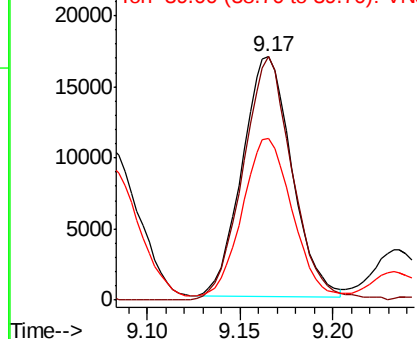


#48
Methyl methacrylate
Concen: 20.581 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062044.D
Acq: 23 Jun 2020 16:06

Tgt Ion: 41 Resp: 31364
Ion Ratio Lower Upper
41 100
69 101.2 83.0 124.4
39 69.8 55.1 82.7



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





#49

1,4-Dioxane

Concen: 410.593 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN062044.D

Acq: 23 Jun 2020 16:06

Instrument :

MSVOA_N

ClientSampleId :

VN0623WBS01

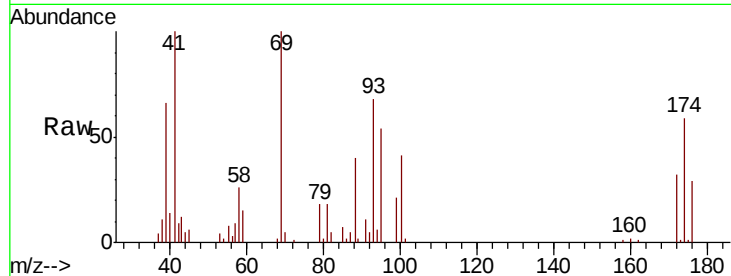
Tot Ion: 88 Resp: 14366

Ion Ratio Lower Upper

88 100

43 29.7 23.4 35.2

58 63.5 49.8 74.6

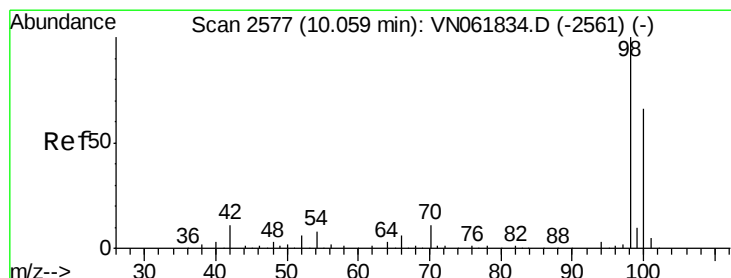
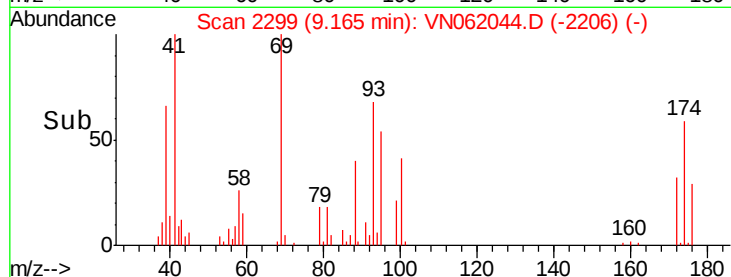
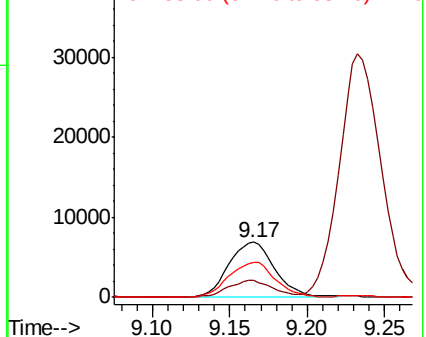


Abundance

Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 49.870 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062044.D

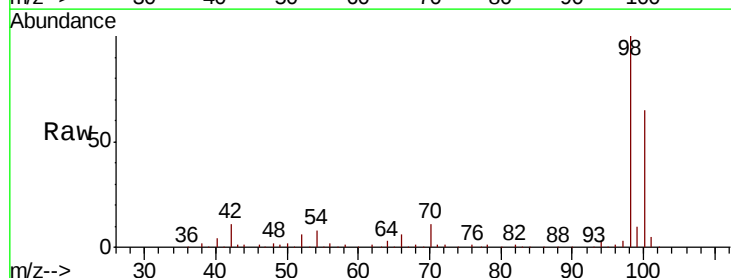
Acq: 23 Jun 2020 16:06

Tgt Ion: 98 Resp: 350174

Ion Ratio Lower Upper

98 100

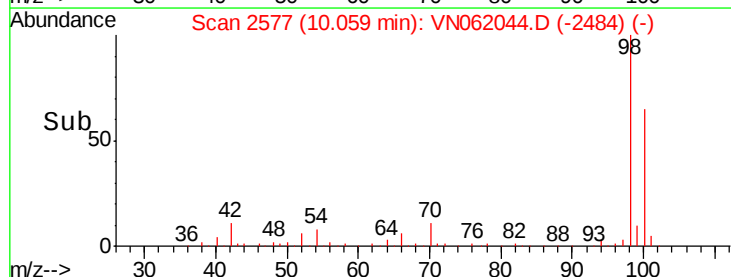
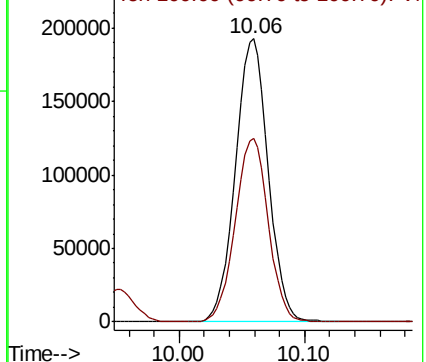
100 65.5 52.7 79.1



Abundance

Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 110.066 ug/l

RT: 9.95 min Scan# 2543

Delta R.T. -0.00 min

Lab File: VN062044.D

Acq: 23 Jun 2020 16:06

Instrument :

MSVOA_N

ClientSampled :

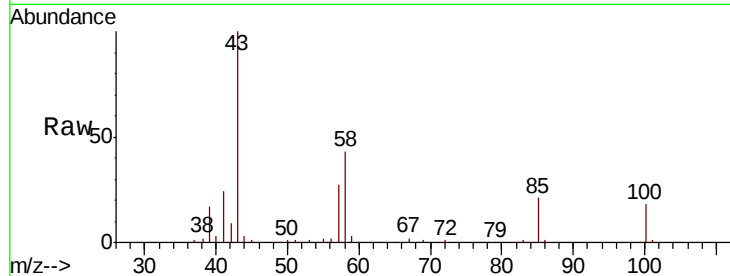
VN0623WBS01

Tot Ion: 43 Resp: 217963

Ion Ratio Lower Upper

43 100

58 42.7 34.6 52.0



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

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

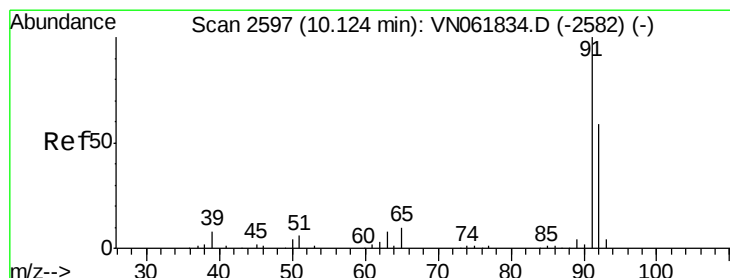
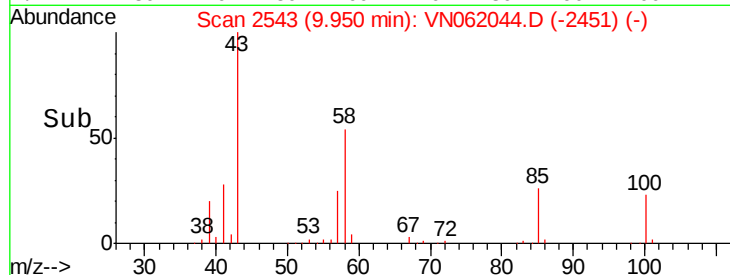
9.95

100000

50000

0

Time-->



#52

Toluene

Concen: 20.797 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062044.D

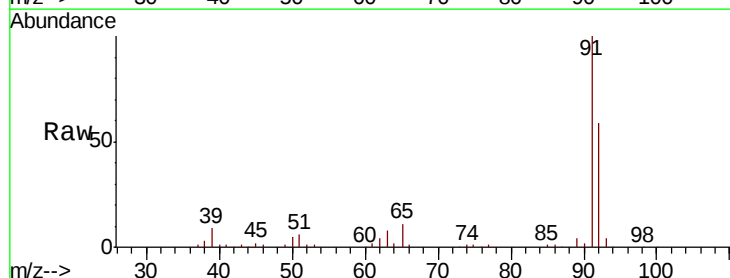
Acq: 23 Jun 2020 16:06

Tgt Ion: 92 Resp: 100748

Ion Ratio Lower Upper

92 100

91 170.4 137.1 205.7



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

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

10.12

100000

80000

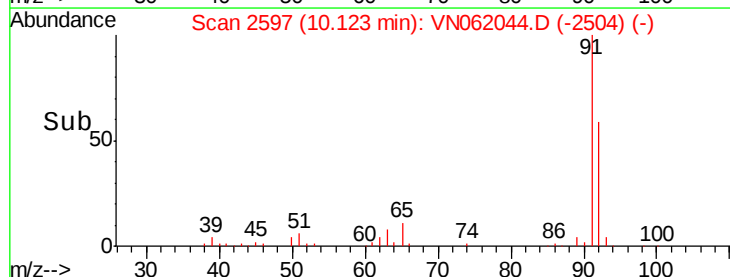
60000

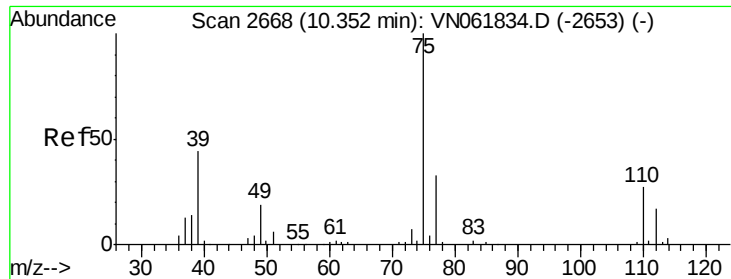
40000

20000

0

Time-->

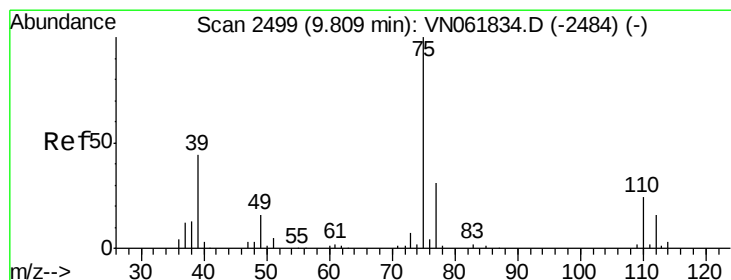
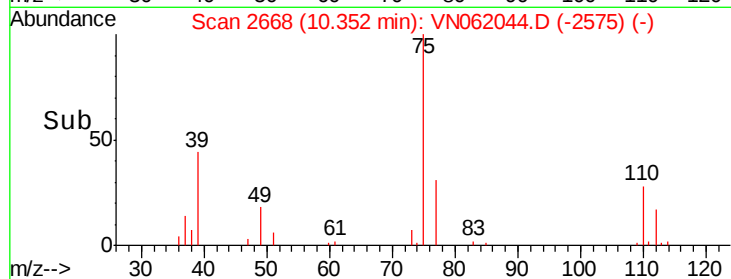
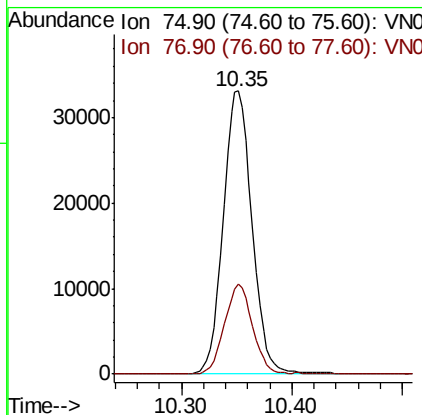
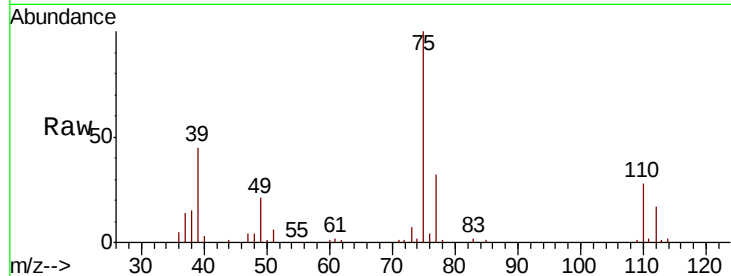




#53
 t-1,3-Dichloropropene
 Concen: 20.625 ug/l
 RT: 10.35 min Scan# 2668
 Delta R.T. -0.00 min
 Lab File: VN062044.D
 Acq: 23 Jun 2020 16:06

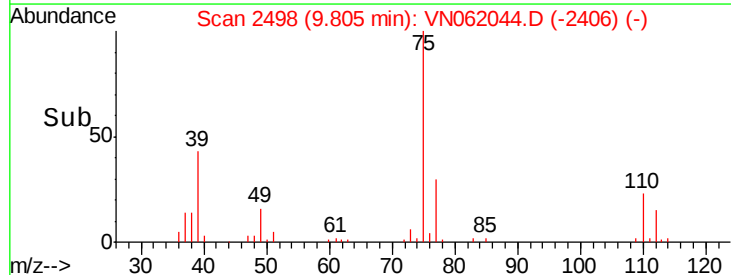
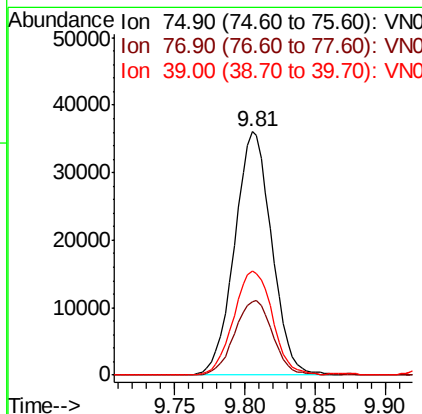
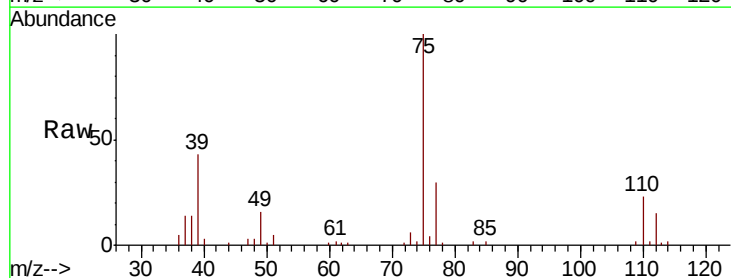
Instrument :
 MSVOA_N
 ClientSampled :
 VN0623WBS01

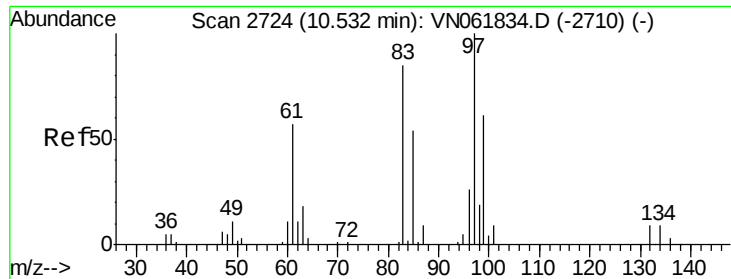
Tot Ion: 75 Resp: 59848
 Ion Ratio Lower Upper
 75 100
 77 31.6 26.3 39.5



#54
 cis-1,3-Dichloropropene
 Concen: 21.067 ug/l
 RT: 9.81 min Scan# 2498
 Delta R.T. -0.00 min
 Lab File: VN062044.D
 Acq: 23 Jun 2020 16:06

Tgt Ion: 75 Resp: 66398
 Ion Ratio Lower Upper
 75 100
 77 30.3 24.8 37.2
 39 42.7 35.4 53.0

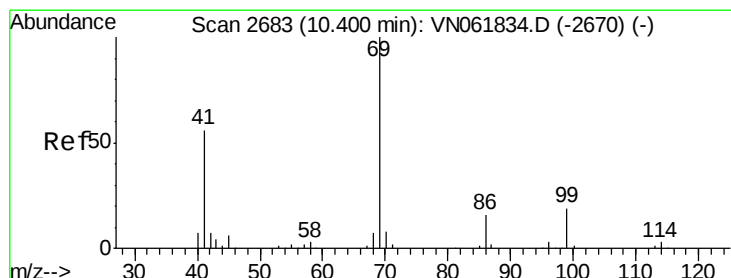
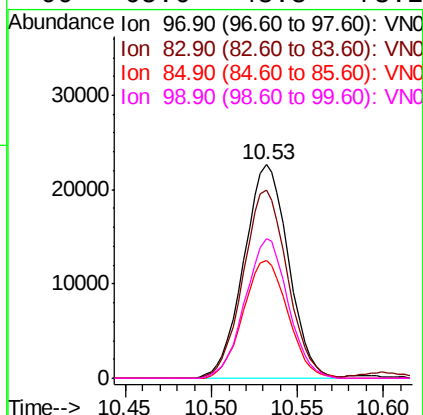
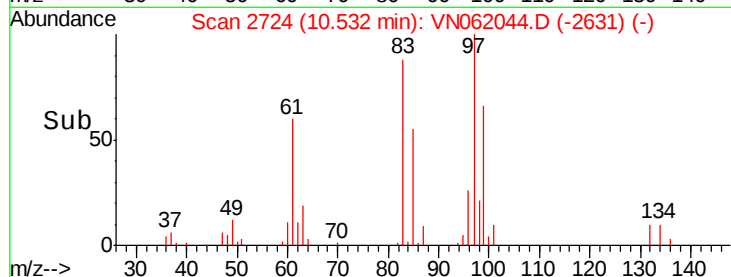
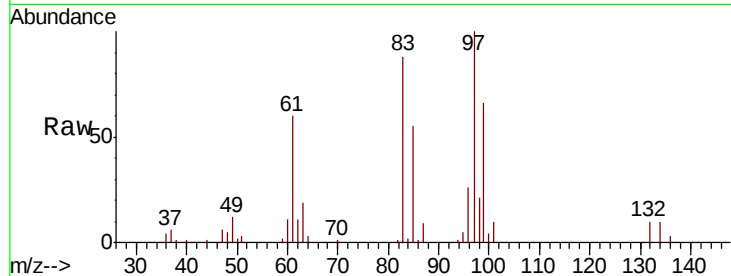




#55
 1,1,2-Trichloroethane
 Concen: 21.389 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN062044.D
 Acq: 23 Jun 2020 16:06

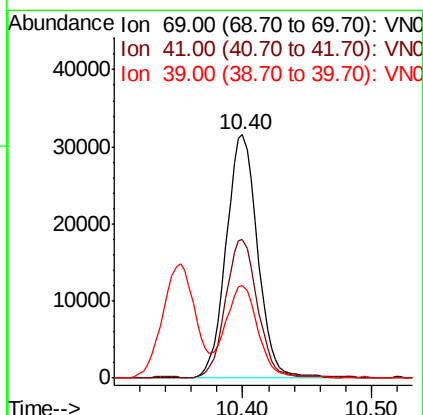
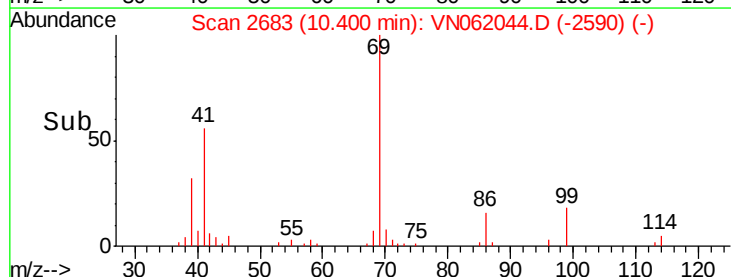
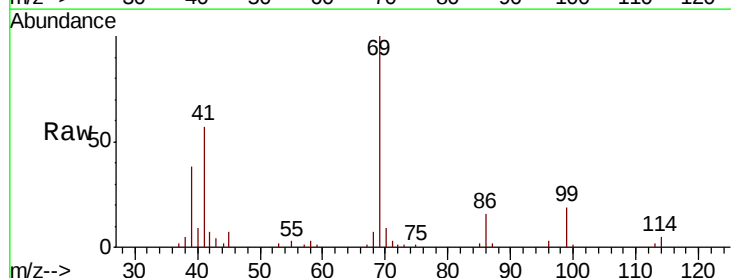
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0623WBS01

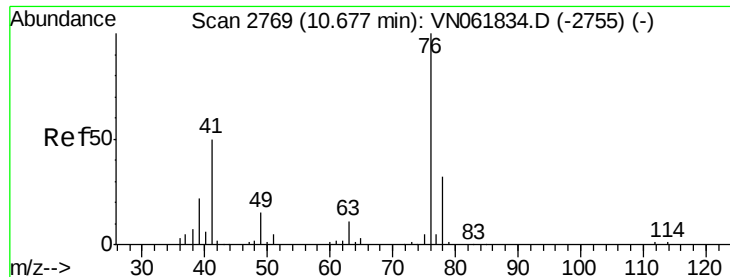
Tot Ion: 97 Resp: 40768
 Ion Ratio Lower Upper
 97 100
 83 87.9 67.7 101.5
 85 55.2 43.4 65.0
 99 65.6 48.8 73.2



#56
 Ethyl methacrylate
 Concen: 20.192 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: VN062044.D
 Acq: 23 Jun 2020 16:06

Tgt Ion: 69 Resp: 53441
 Ion Ratio Lower Upper
 69 100
 41 58.4 44.9 67.3
 39 38.2 30.0 45.0

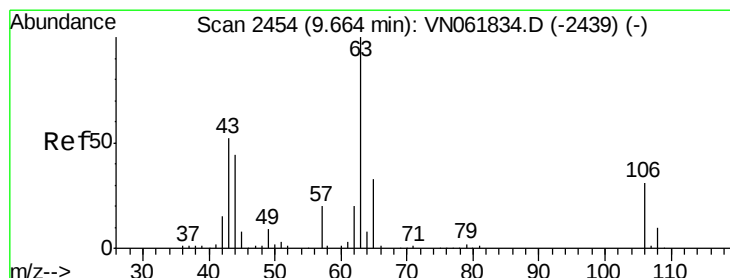
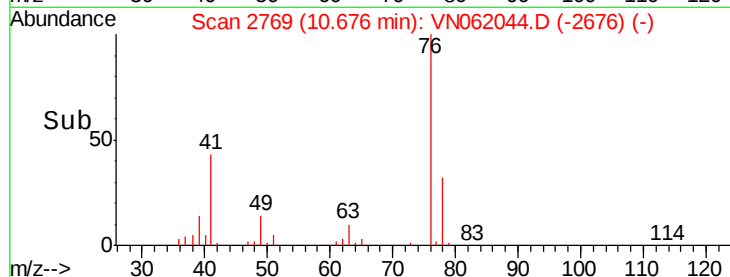
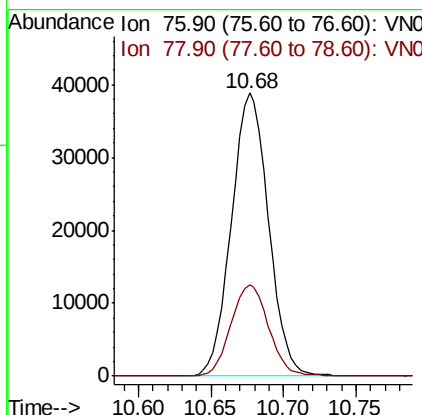
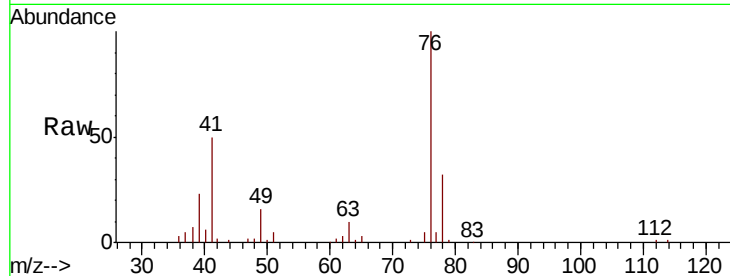




#57
 1,3-Dichloropropane
 Concen: 21.393 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN062044.D
 Acq: 23 Jun 2020 16:06

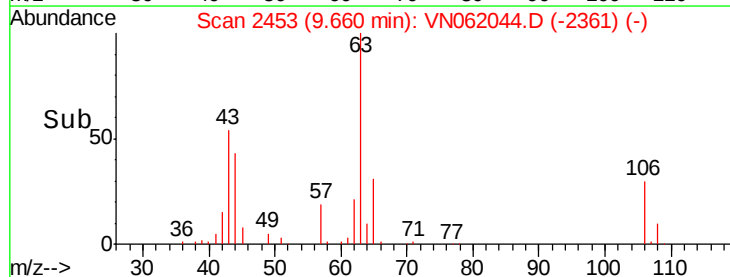
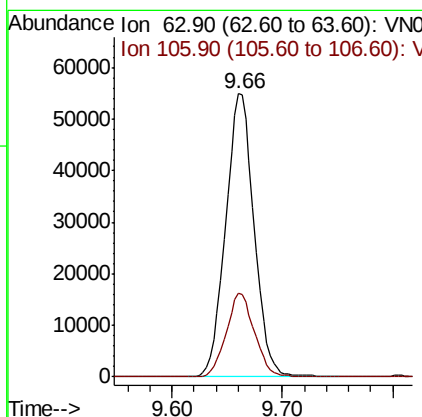
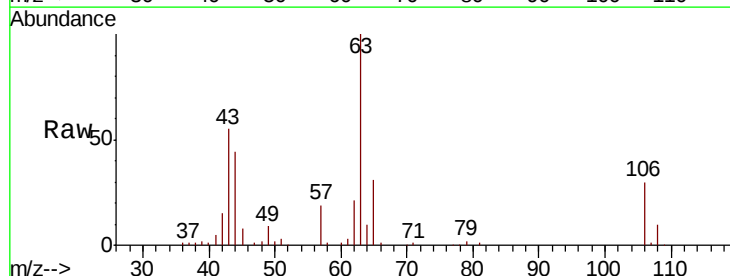
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0623WBS01

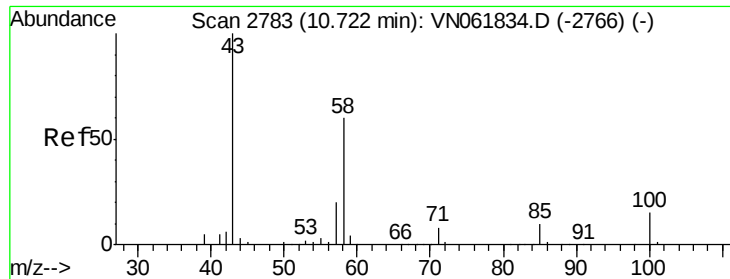
Tot Ion: 76 Resp: 69081
 Ion Ratio Lower Upper
 76 100
 78 32.7 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 97.367 ug/l
 RT: 9.66 min Scan# 2453
 Delta R.T. -0.00 min
 Lab File: VN062044.D
 Acq: 23 Jun 2020 16:06

Tgt Ion: 63 Resp: 97946
 Ion Ratio Lower Upper
 63 100
 106 29.3 24.6 36.8

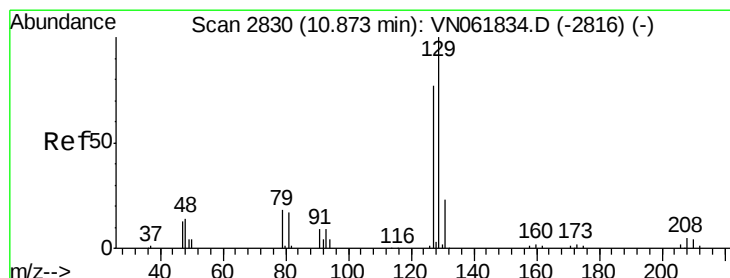
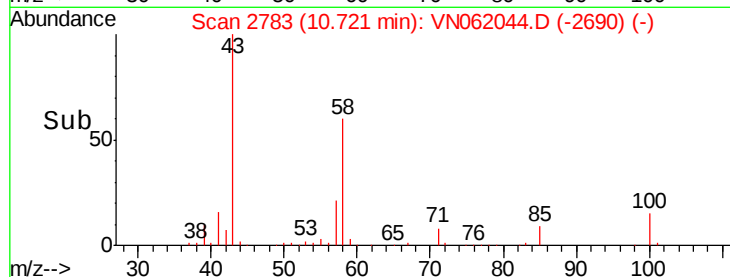
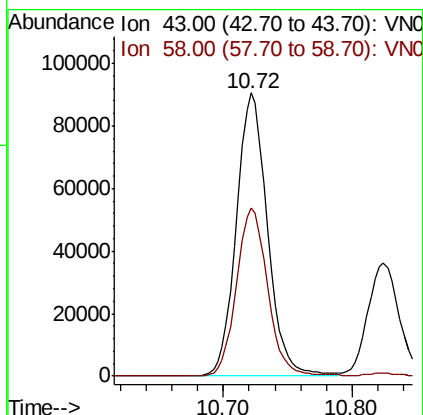
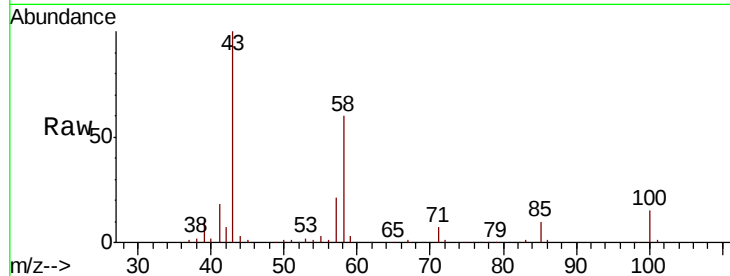




#59
2-Hexanone
Concen: 104.584 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN062044.D
Acq: 23 Jun 2020 16:06

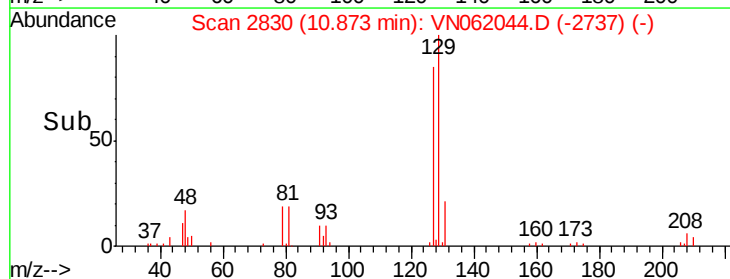
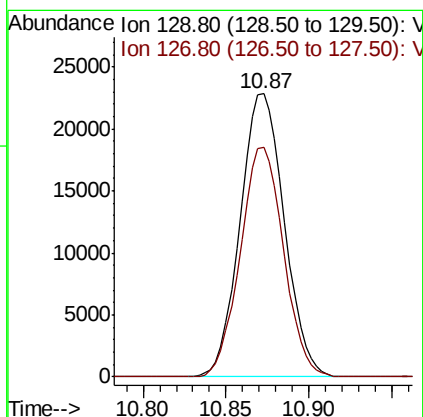
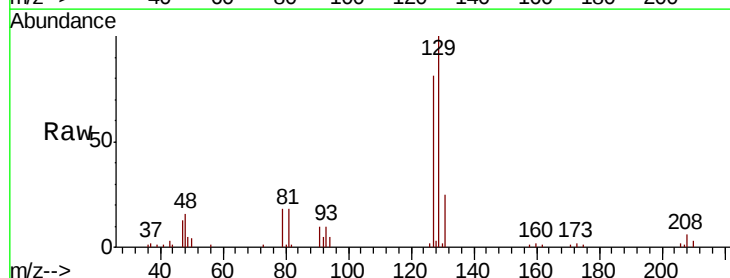
Instrument :
MSVOA_N
ClientSampled :
VN0623WBS01

Tot Ion: 43 Resp: 152424
Ion Ratio Lower Upper
43 100
58 59.4 30.1 90.5



#60
Dibromochloromethane
Concen: 19.866 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062044.D
Acq: 23 Jun 2020 16:06

Tgt Ion: 129 Resp: 42252
Ion Ratio Lower Upper
129 100
127 79.5 38.5 115.5





#61

1,2-Dibromoethane

Concen: 20.168 ug/l

RT: 10.98 min Scan# 2862

Delta R.T. -0.00 min

Lab File: VN062044.D

Acq: 23 Jun 2020 16:06

Instrument :

MSVOA_N

ClientSampleId :

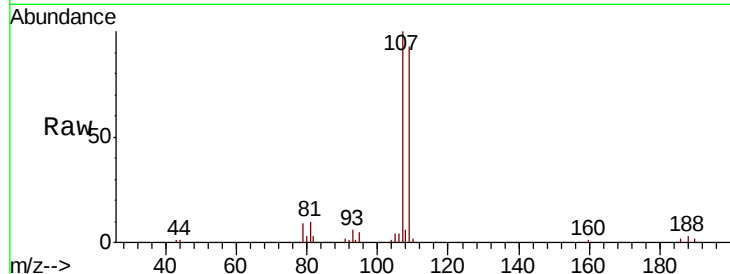
VN0623WBS01

Tot Ion:107 Resp: 40141

Ion Ratio Lower Upper

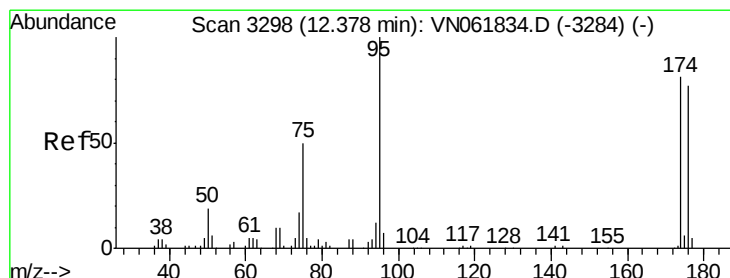
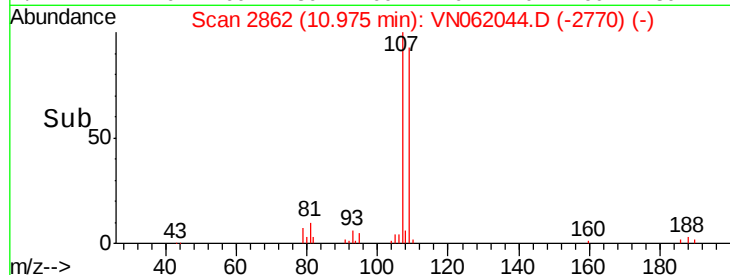
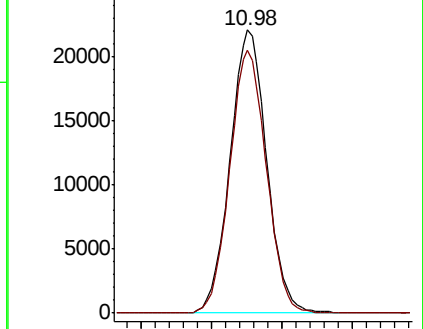
107 100

109 92.5 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.748 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. -0.00 min

Lab File: VN062044.D

Acq: 23 Jun 2020 16:06

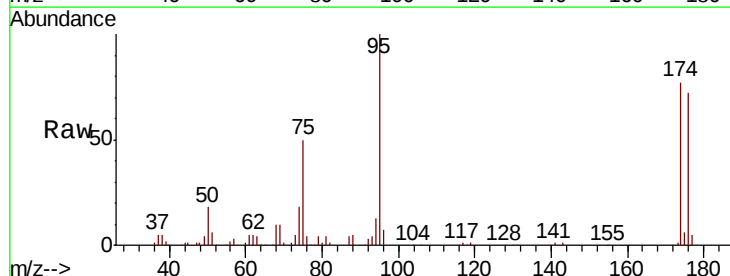
Tgt Ion: 95 Resp: 119820

Ion Ratio Lower Upper

95 100

174 77.3 0.0 158.6

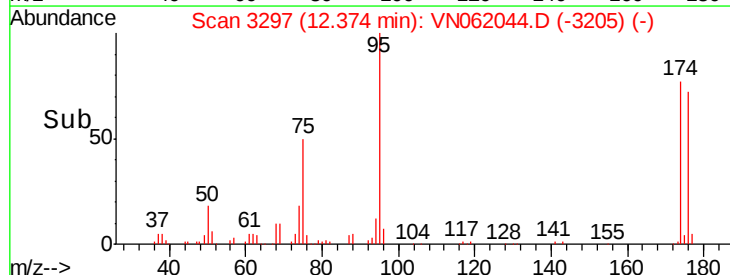
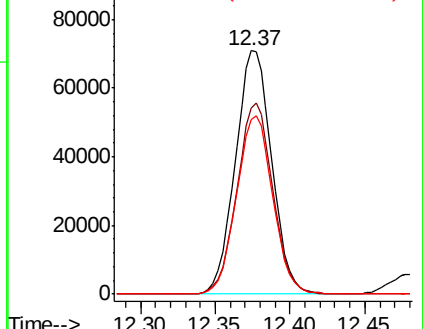
176 73.0 0.0 152.0

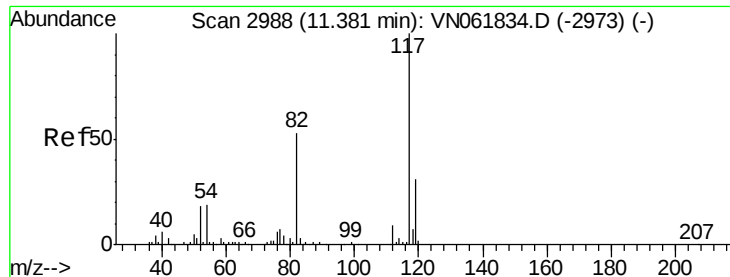


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

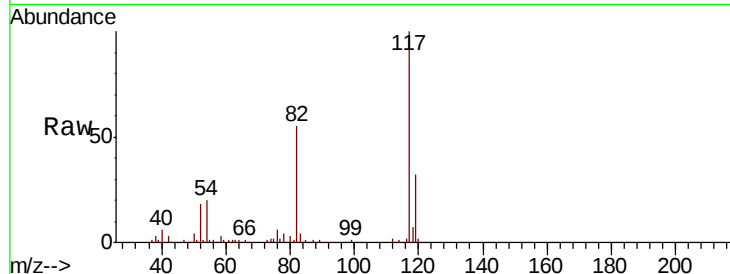




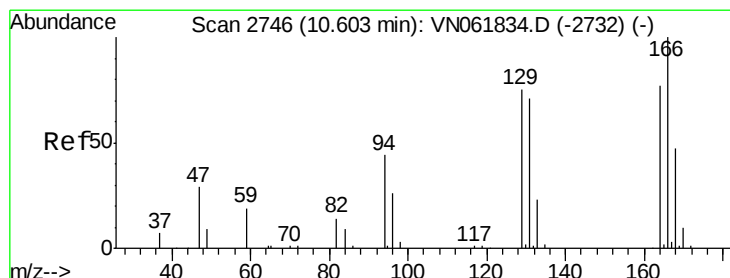
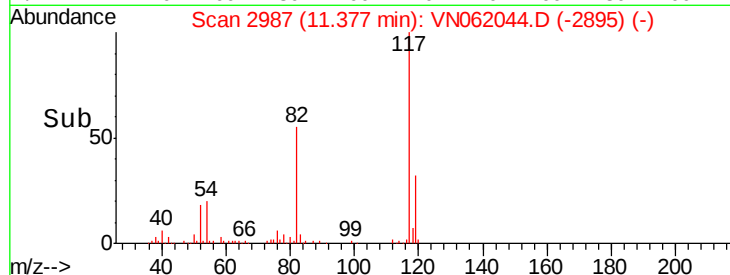
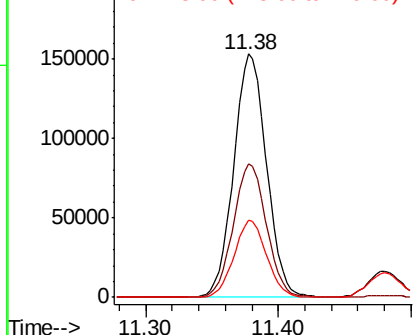
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2987
Delta R.T. -0.00 min
Lab File: VN062044.D
Acq: 23 Jun 2020 16:06

Instrument :
MSVOA_N
ClientSampleId :
VN0623WBS01

Tot Ion:117 Resp: 263214
Ion Ratio Lower Upper
117 100
82 55.0 42.6 64.0
119 31.7 24.7 37.1

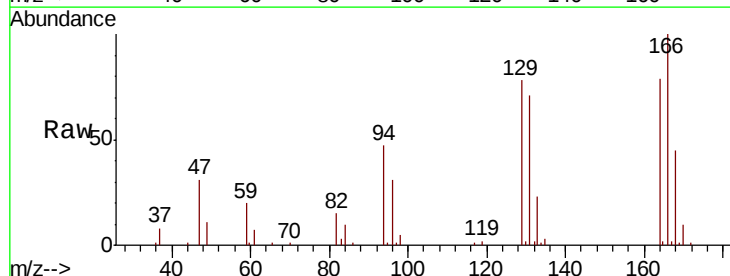


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

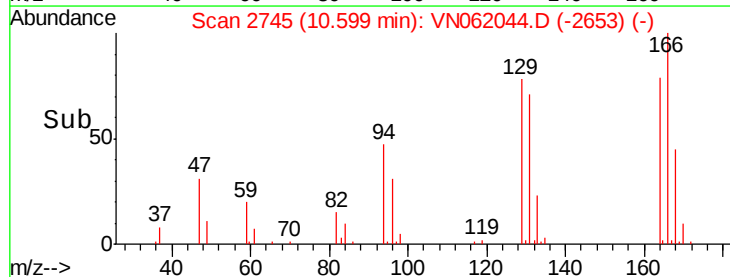
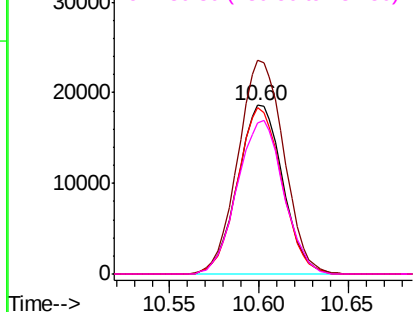


#64
Tetrachloroethene
Concen: 19.502 ug/l
RT: 10.60 min Scan# 2745
Delta R.T. -0.00 min
Lab File: VN062044.D
Acq: 23 Jun 2020 16:06

Tgt Ion:164 Resp: 32718
Ion Ratio Lower Upper
164 100
166 126.7 103.5 155.3
129 98.3 77.5 116.3
131 89.7 73.8 110.8



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

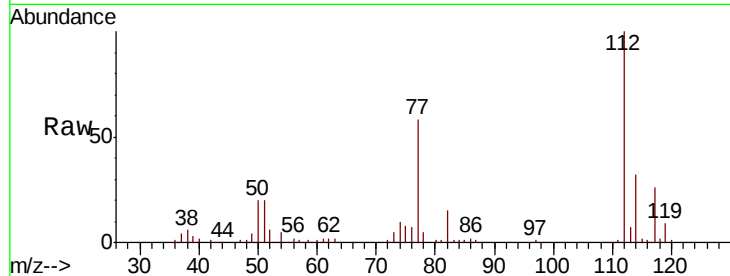




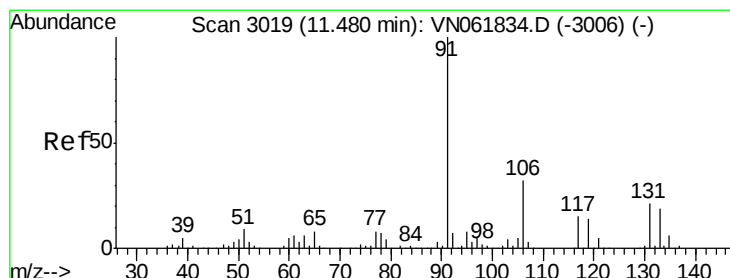
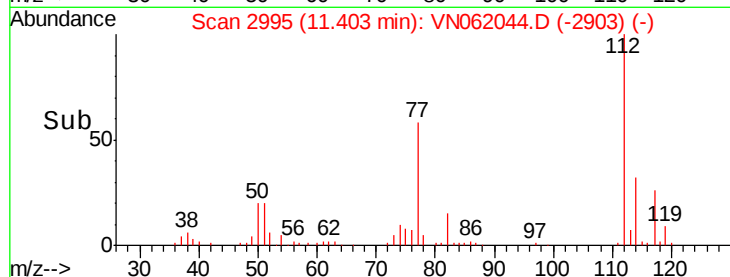
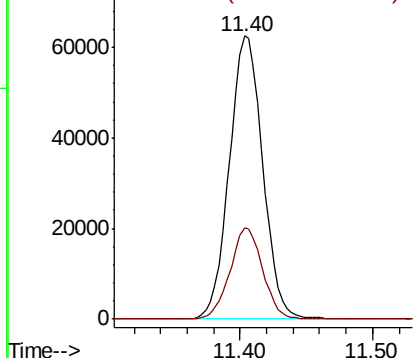
#65
Chlorobenzene
Concen: 19.678 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN062044.D
Acq: 23 Jun 2020 16:06

Instrument :
MSVOA_N
ClientSampleId :
VN0623WBS01

Tot Ion:112 Resp: 109293
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.6

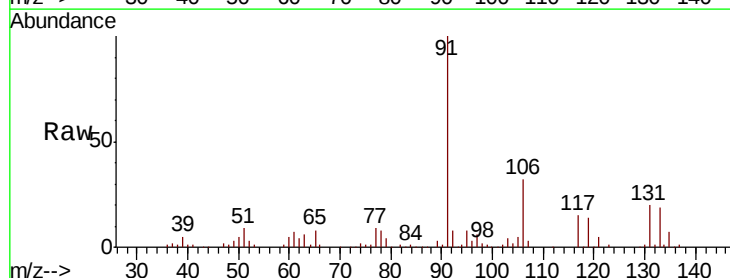


Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

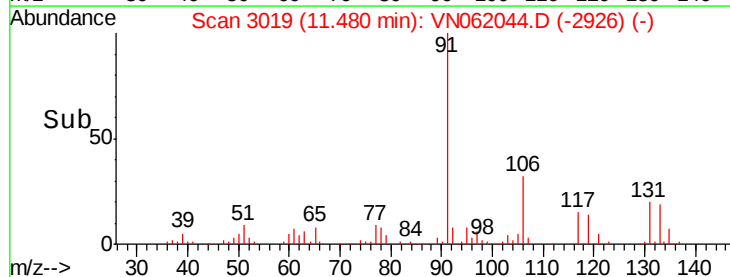
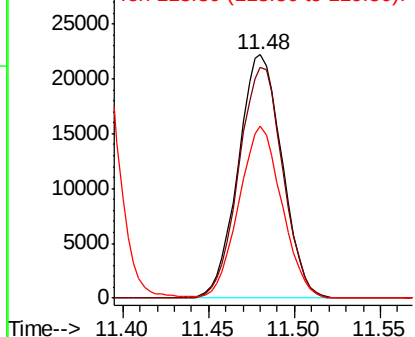


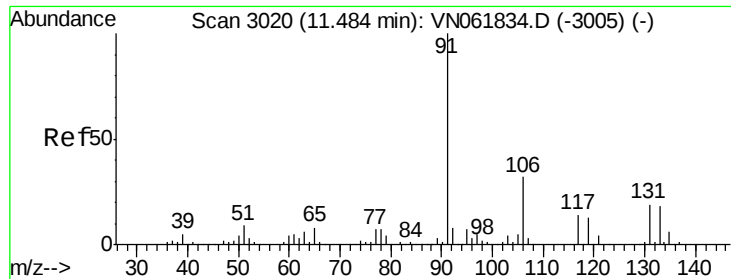
#66
1,1,1,2-Tetrachloroethane
Concen: 20.310 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062044.D
Acq: 23 Jun 2020 16:06

Tgt Ion:131 Resp: 39341
Ion Ratio Lower Upper
131 100
133 94.7 47.5 142.5
119 69.1 34.0 101.8



Abundance Ion 130.80 (130.50 to 131.50): V
Ion 132.80 (132.50 to 133.50): V
Ion 118.80 (118.50 to 119.50): V

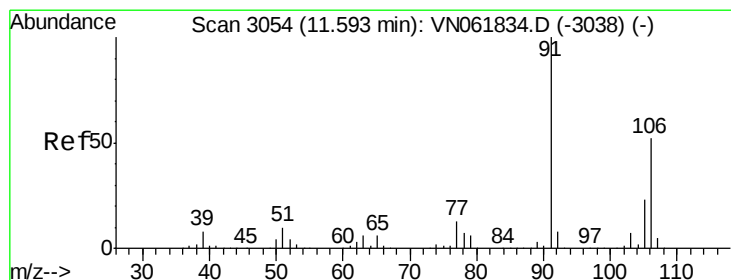
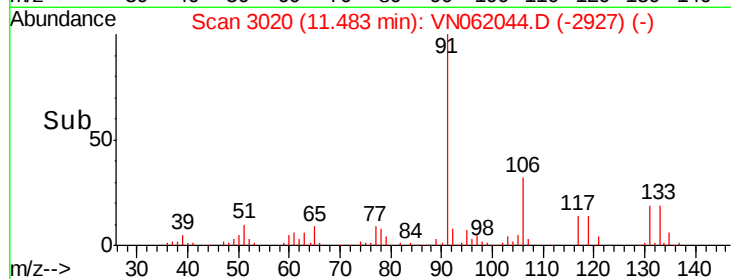
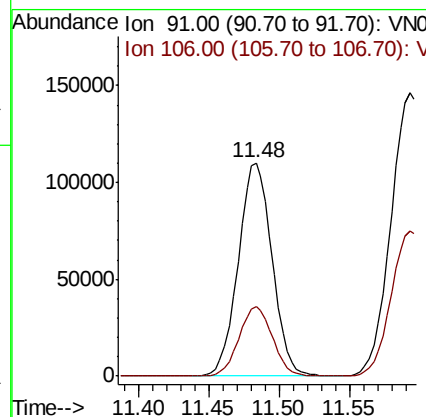
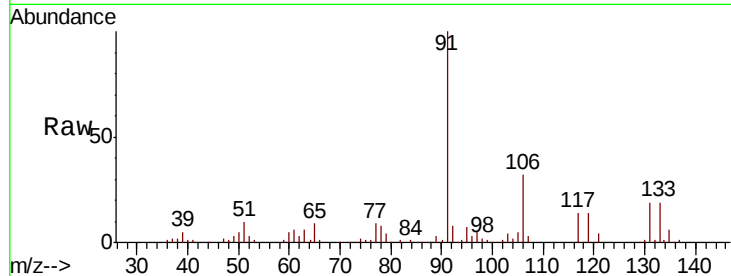




#67
Ethyl Benzene
Concen: 19.837 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062044.D
Acq: 23 Jun 2020 16:06

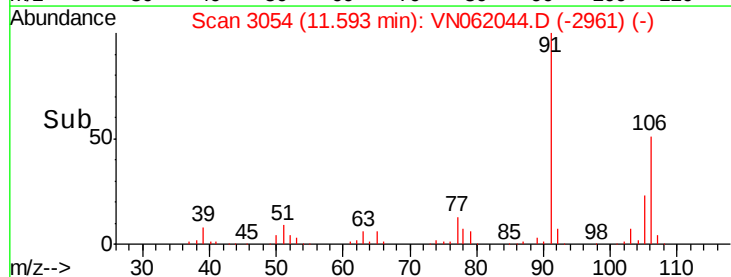
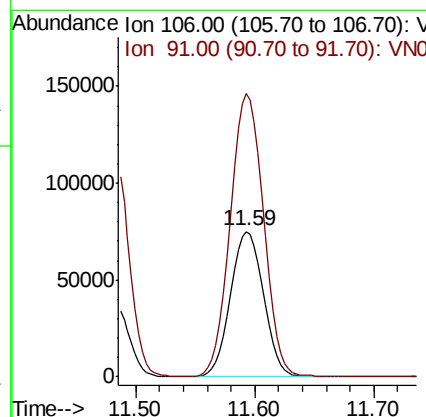
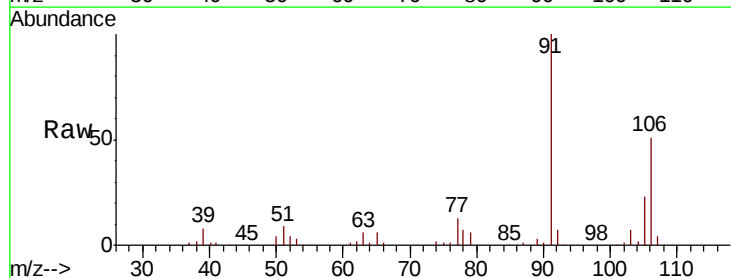
Instrument :
MSVOA_N
ClientSampled :
VN0623WBS01

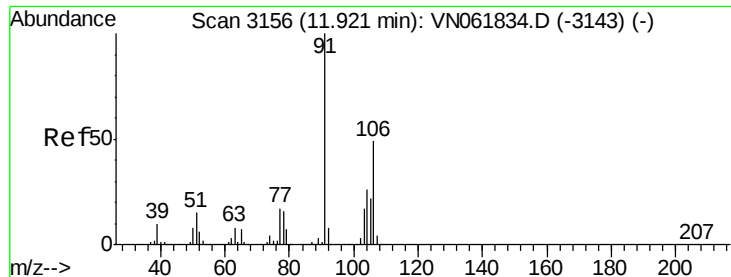
Tot Ion: 91 Resp: 184725
Ion Ratio Lower Upper
91 100
106 32.4 25.4 38.2



#68
m/p-Xylenes
Concen: 40.383 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN062044.D
Acq: 23 Jun 2020 16:06

Tgt Ion: 106 Resp: 145005
Ion Ratio Lower Upper
106 100
91 195.4 157.0 235.6

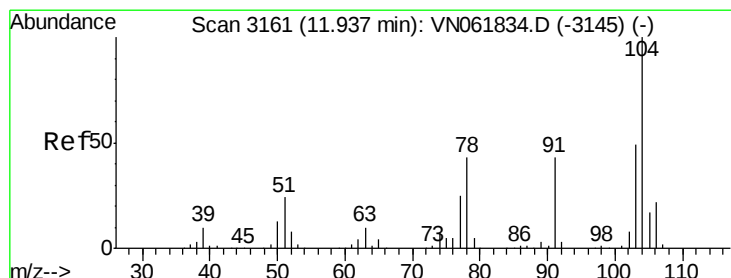
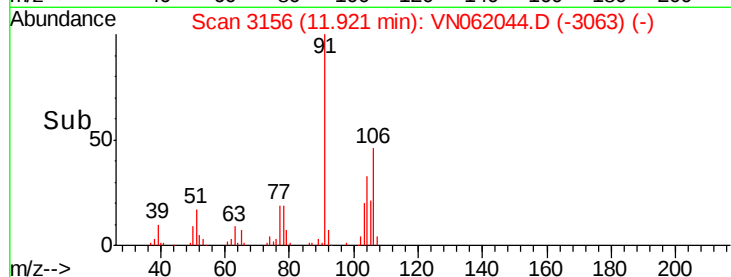
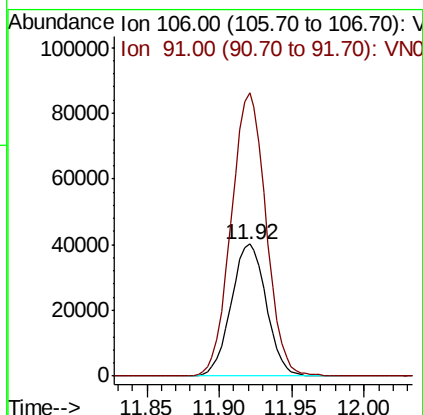
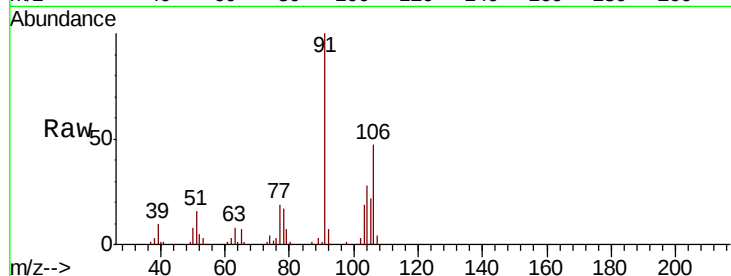




#69
o-Xylene
Concen: 19.716 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062044.D
Acq: 23 Jun 2020 16:06

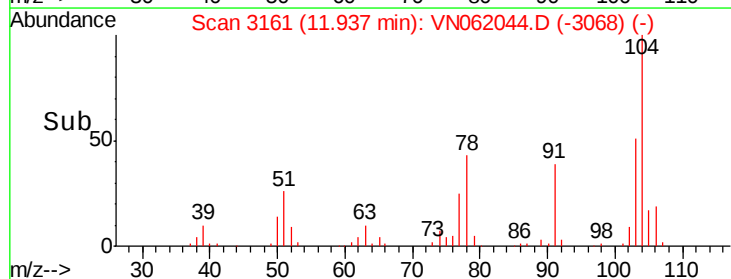
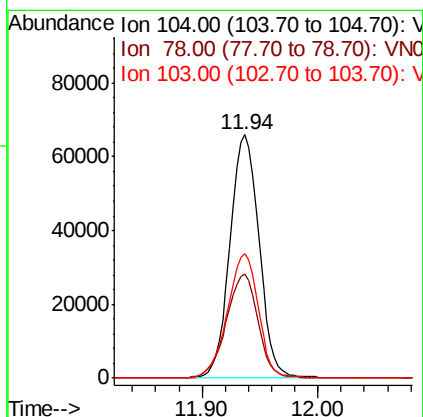
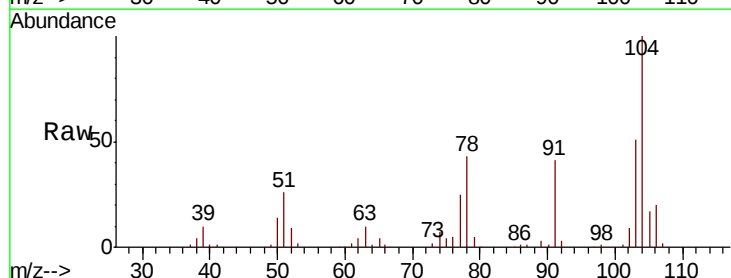
Instrument :
MSVOA_N
ClientSampled :
VN0623WBS01

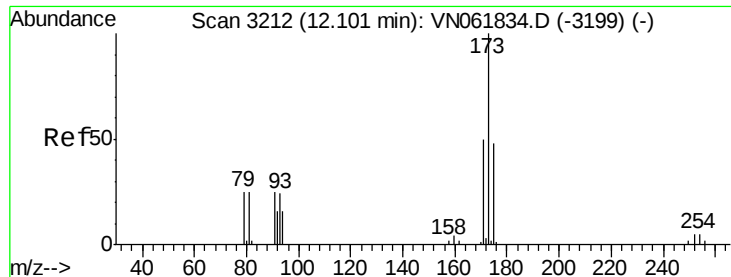
Tot Ion:106 Resp: 67548
Ion Ratio Lower Upper
106 100
91 212.2 103.0 308.9



#70
Styrene
Concen: 20.080 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062044.D
Acq: 23 Jun 2020 16:06

Tgt Ion:104 Resp: 115190
Ion Ratio Lower Upper
104 100
78 46.5 37.6 56.4
103 54.1 43.0 64.4





#71

Bromoform

Concen: 19.433 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062044.D

Acq: 23 Jun 2020 16:06

Instrument :

MSVOA_N

ClientSampleId :

VN0623WBS01

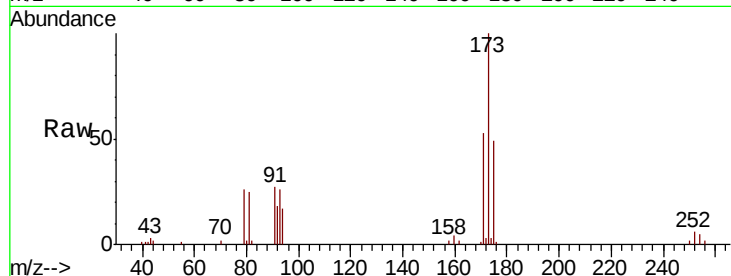
Tot Ion:173 Resp: 27447

Ion Ratio Lower Upper

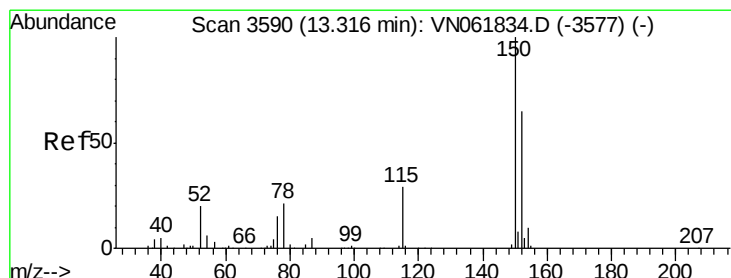
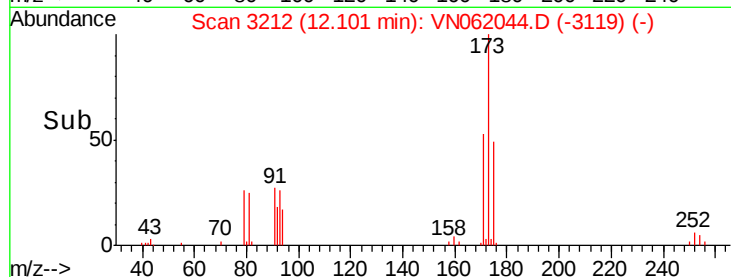
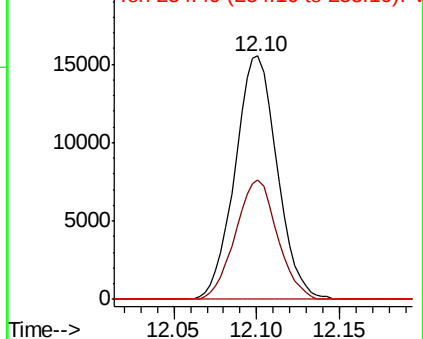
173 100

175 48.8 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: VN062044.D

Acq: 23 Jun 2020 16:06

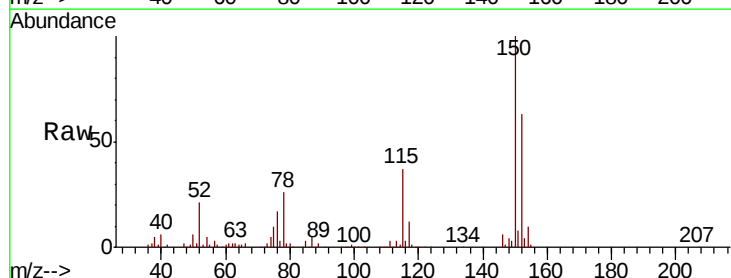
Tgt Ion:152 Resp: 121831

Ion Ratio Lower Upper

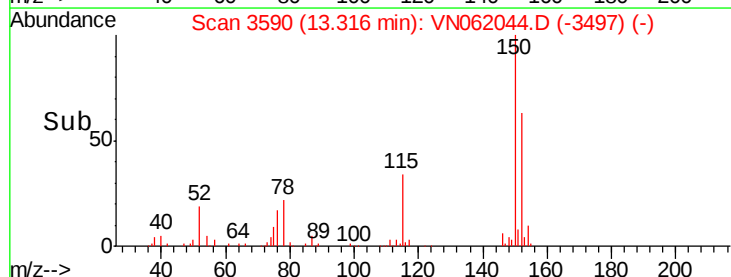
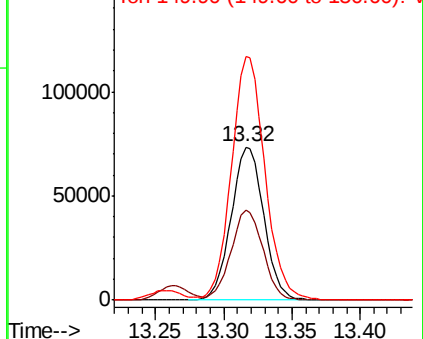
152 100

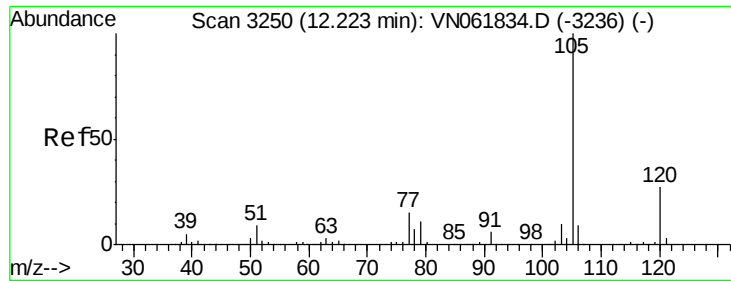
115 57.7 29.1 87.3

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: 21.130 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062044.D

Acq: 23 Jun 2020 16:06

Instrument :

MSVOA_N

ClientSampleId :

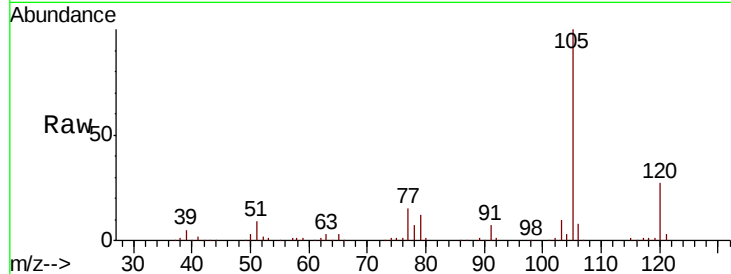
VN0623WBS01

Tot Ion:105 Resp: 182933

Ion Ratio Lower Upper

105 100

120 26.8 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

120000

100000

80000

60000

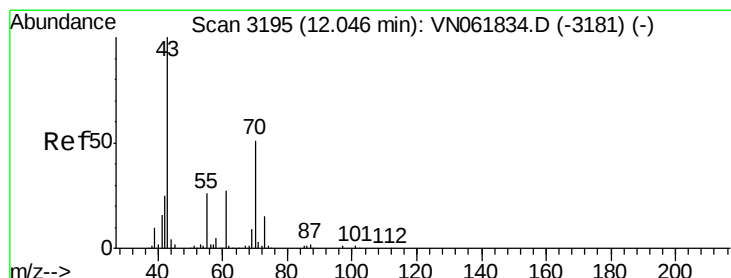
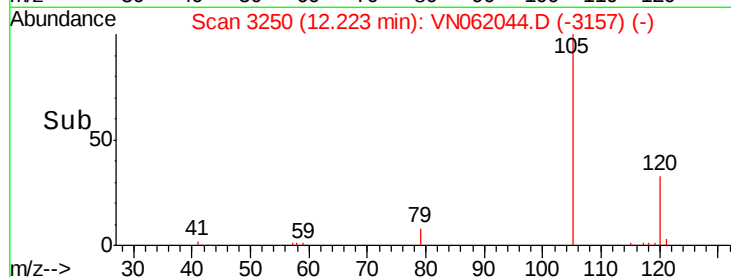
40000

20000

0

12.15 12.20 12.25 12.30

Time-->



#74

N-ethyl acetate

Concen: 20.665 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN062044.D

Acq: 23 Jun 2020 16:06

Tgt Ion: 43 Resp: 58786

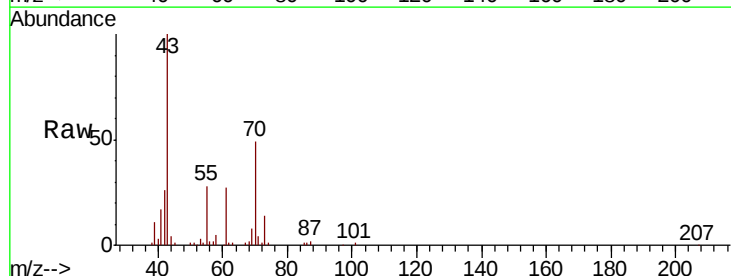
Ion Ratio Lower Upper

43 100

70 49.2 40.6 60.8

55 28.2 21.5 32.3

61 26.3 21.6 32.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

50000

40000

30000

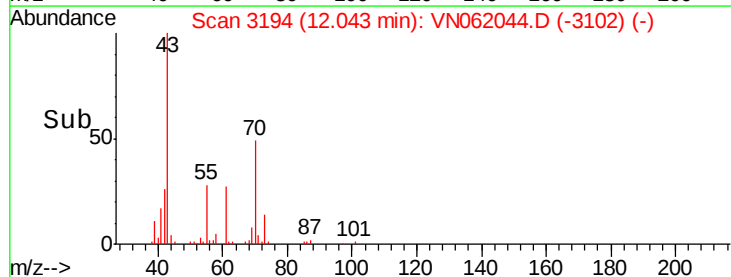
20000

10000

0

11.95 12.00 12.05 12.10

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.813 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. -0.00 min

Lab File: VN062044.D

Acq: 23 Jun 2020 16:06

Instrument :

MSVOA_N

ClientSampled :

VN0623WBS01

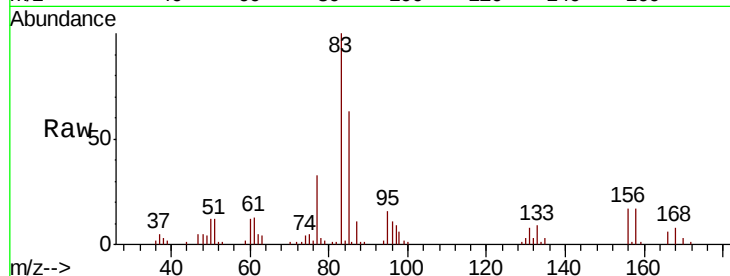
Tot Ion: 83 Resp: 58583

Ion Ratio Lower Upper

83 100

131 9.4 5.0 15.0

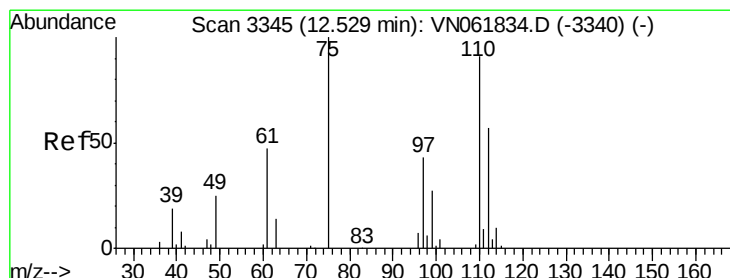
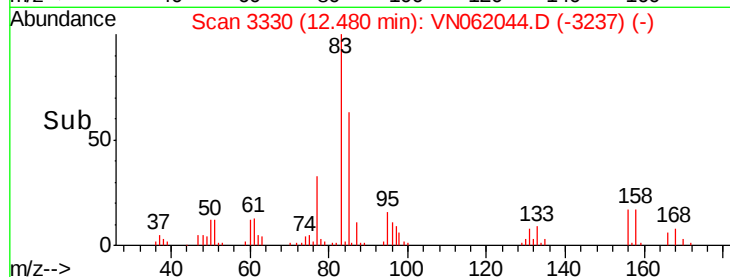
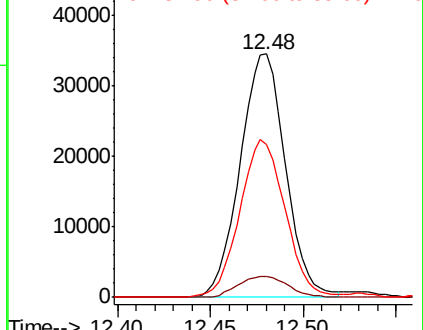
85 64.8 32.4 97.2



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: 30.167 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062044.D

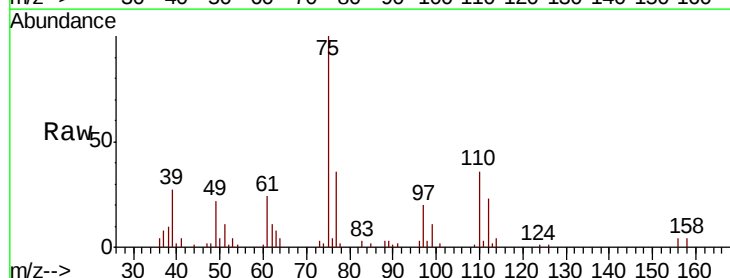
Acq: 23 Jun 2020 16:06

Tgt Ion: 75 Resp: 72154

Ion Ratio Lower Upper

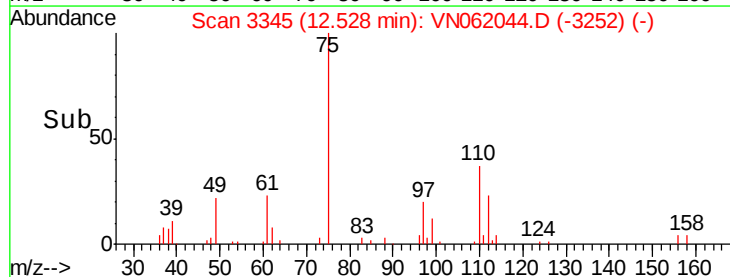
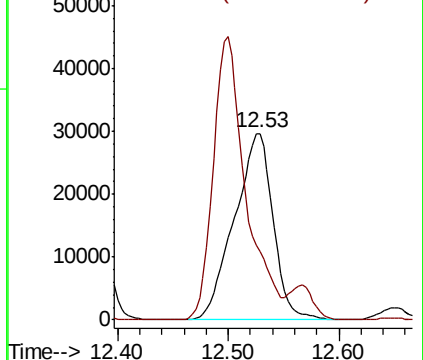
75 100

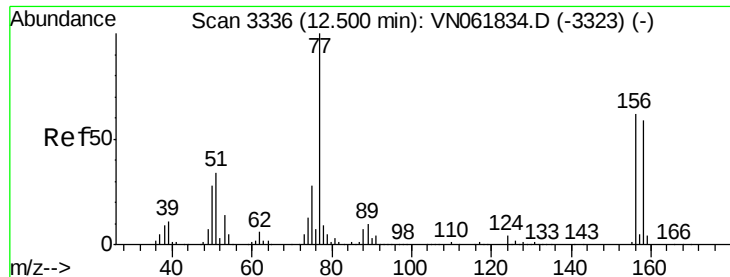
77 0.0 0.0 0.0



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

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





#77

Bromobenzene

Concen: 20.453 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062044.D

Acq: 23 Jun 2020 16:06

Instrument :

MSVOA_N

ClientSampleId :

VN0623WBS01

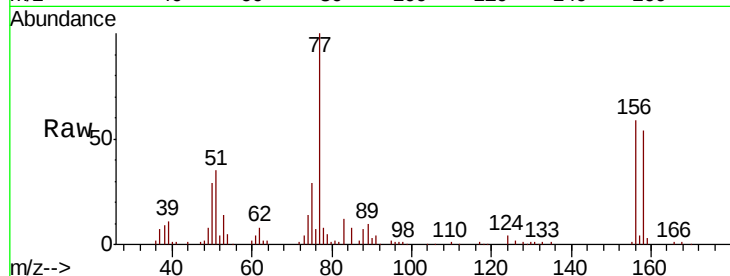
Tot Ion:156 Resp: 44672

Ion Ratio Lower Upper

156 100

77 204.7 100.7 302.1

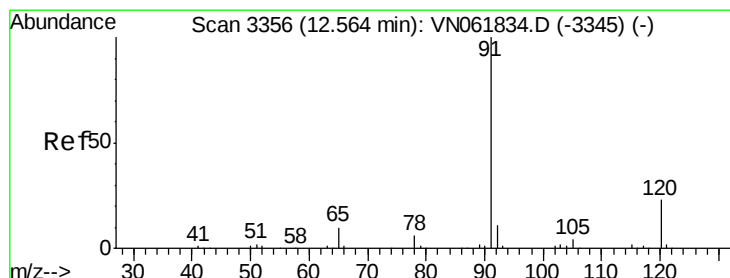
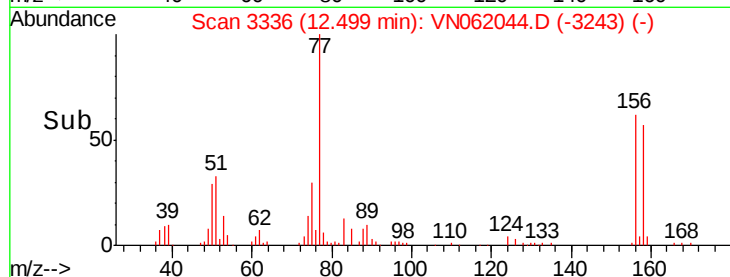
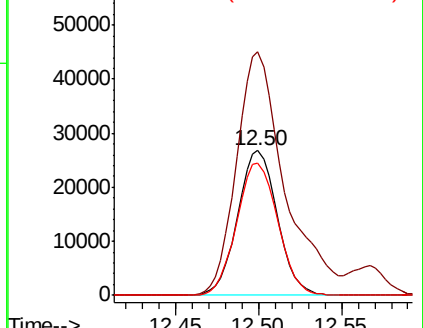
158 94.5 48.5 145.5



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: 21.202 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. -0.00 min

Lab File: VN062044.D

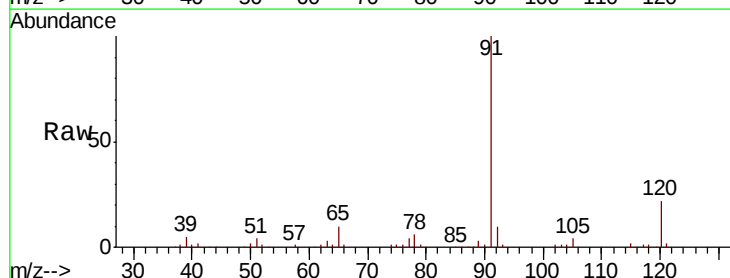
Acq: 23 Jun 2020 16:06

Tgt Ion: 91 Resp: 209443

Ion Ratio Lower Upper

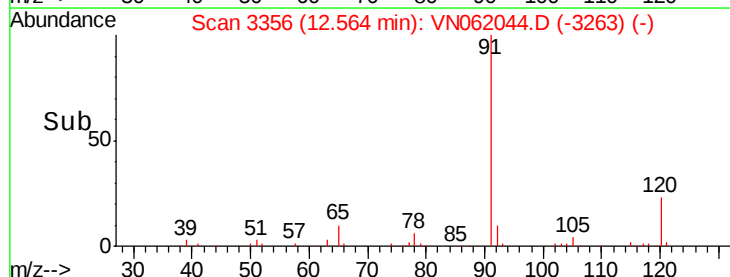
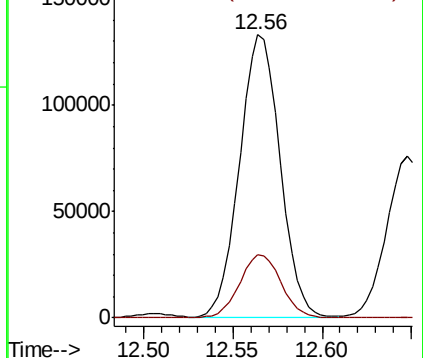
91 100

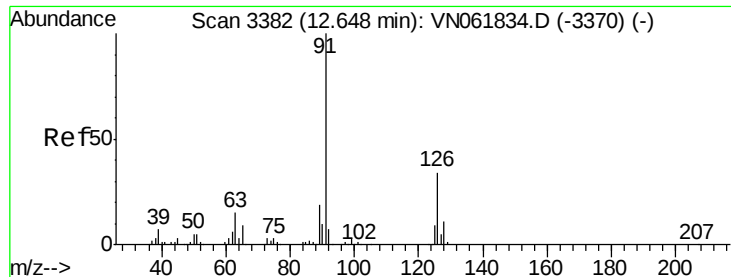
120 23.0 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.998 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN062044.D

Acq: 23 Jun 2020 16:06

Instrument :

MSVOA_N

ClientSampled :

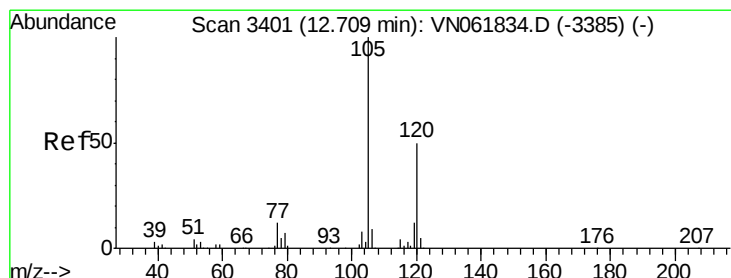
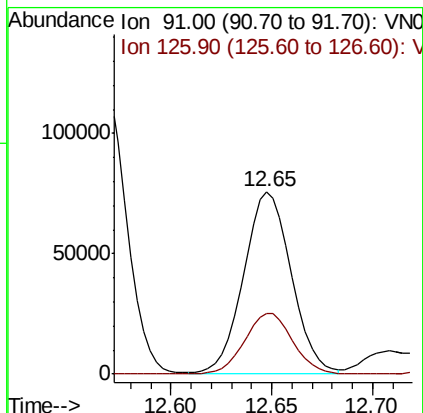
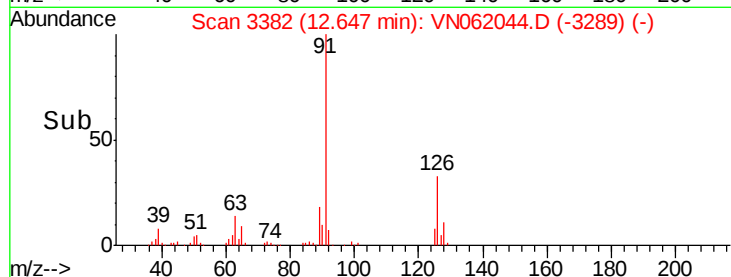
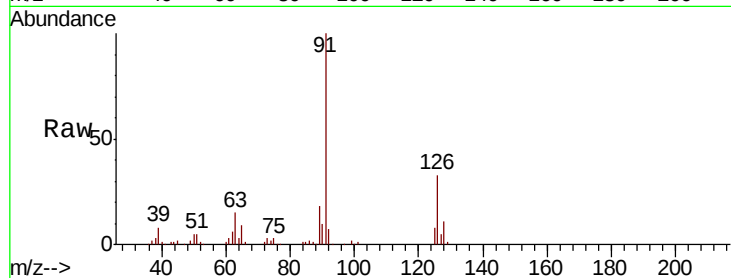
VN0623WBS01

Tot Ion: 91 Resp: 124579

Ion Ratio Lower Upper

91 100

126 34.2 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 20.827 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062044.D

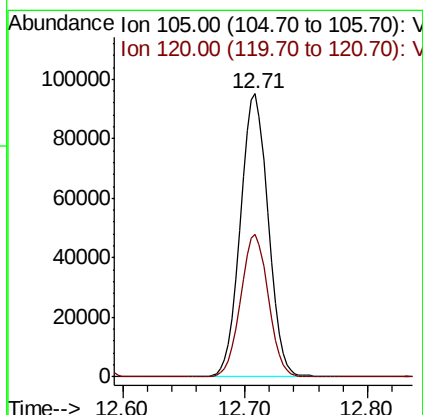
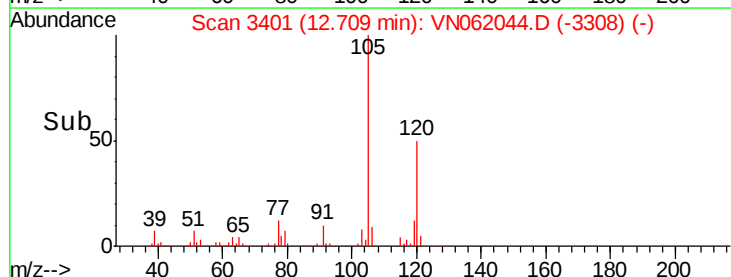
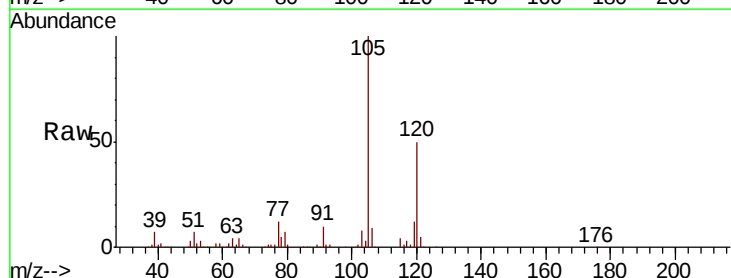
Acq: 23 Jun 2020 16:06

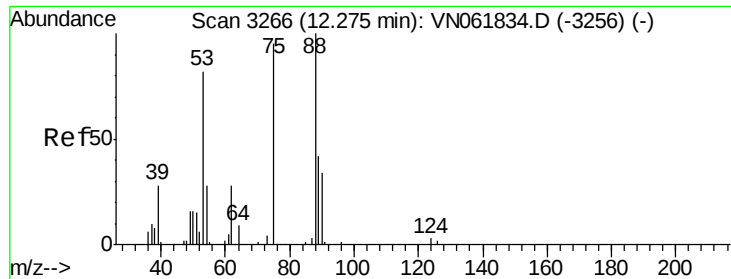
Tgt Ion: 105 Resp: 149171

Ion Ratio Lower Upper

105 100

120 50.1 24.9 74.7





#81

trans-1,4-Dichloro-2-butene

Concen: 19.677 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062044.D

Acq: 23 Jun 2020 16:06

Instrument :

MSVOA_N

ClientSampled :

VN0623WBS01

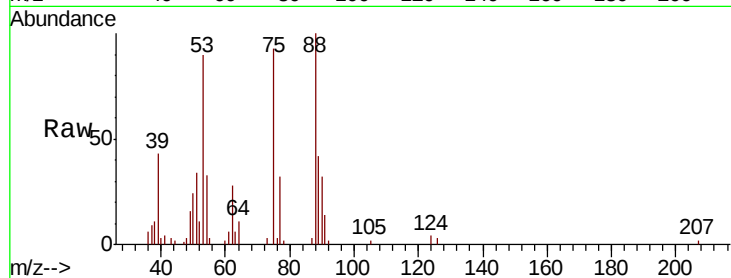
Tot Ion: 75 Resp: 17256

Ion Ratio Lower Upper

75 100

53 97.2 70.4 105.6

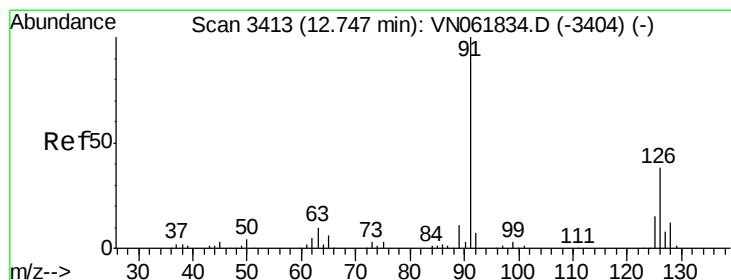
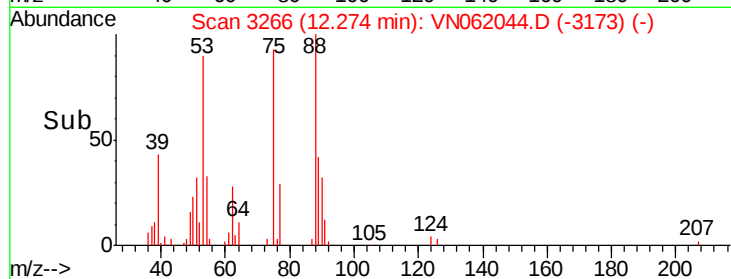
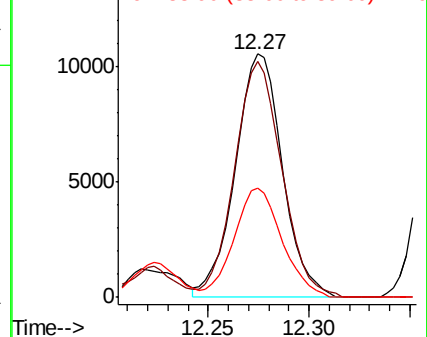
89 45.7 36.0 54.0



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: 21.078 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062044.D

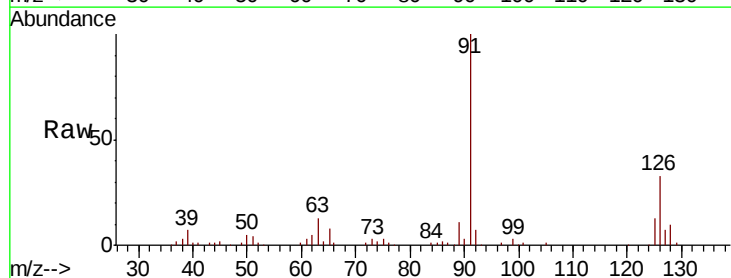
Acq: 23 Jun 2020 16:06

Tgt Ion: 91 Resp: 129220

Ion Ratio Lower Upper

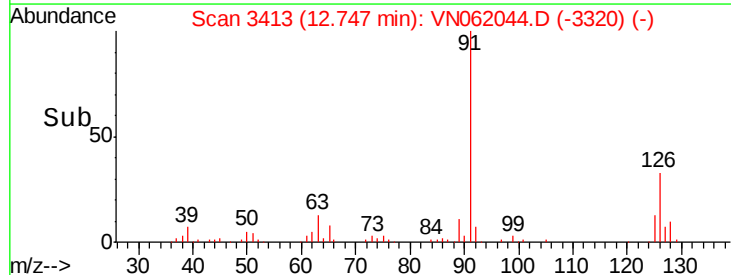
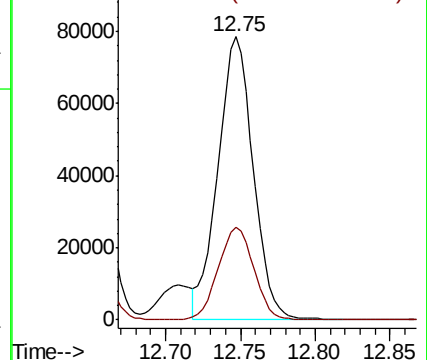
91 100

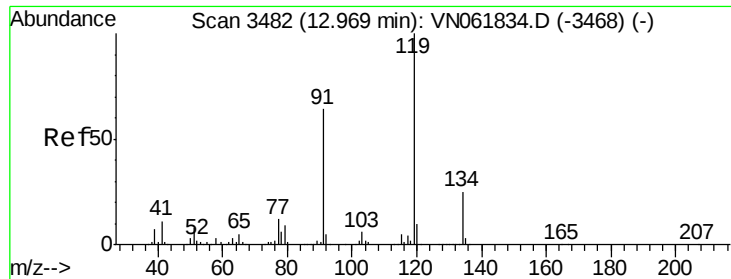
126 32.9 17.2 51.6



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

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

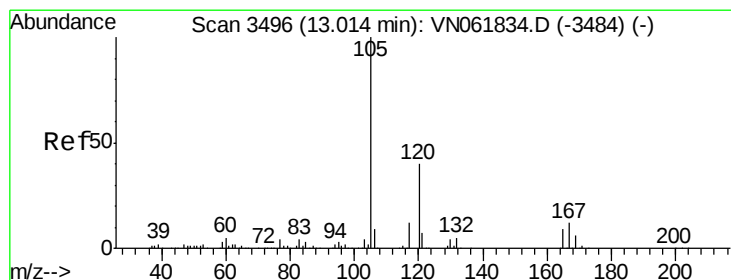
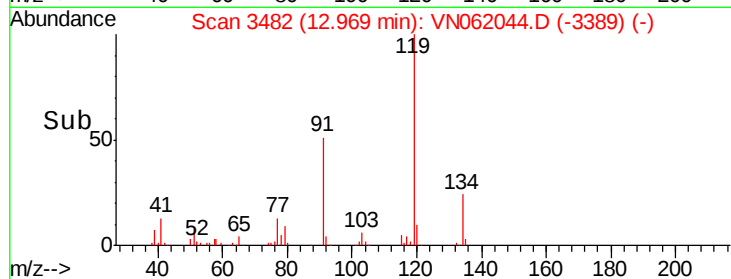
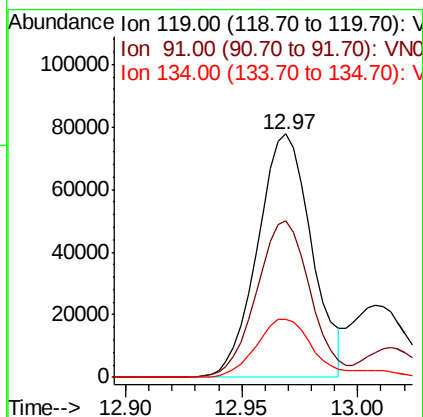
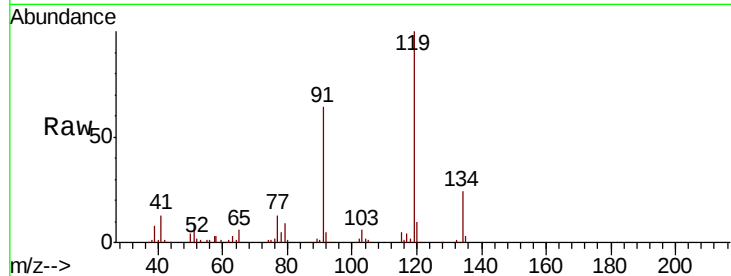




#83
tert-Butylbenzene
Concen: 20.666 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. -0.00 min
Lab File: VN062044.D
Acq: 23 Jun 2020 16:06

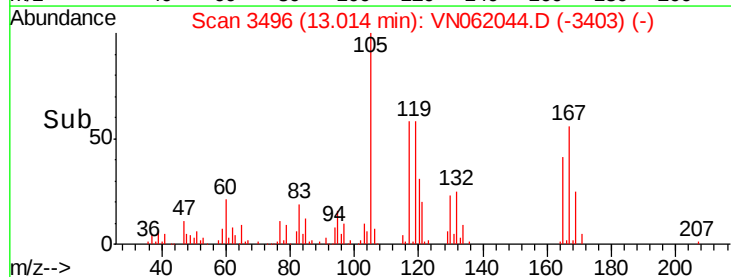
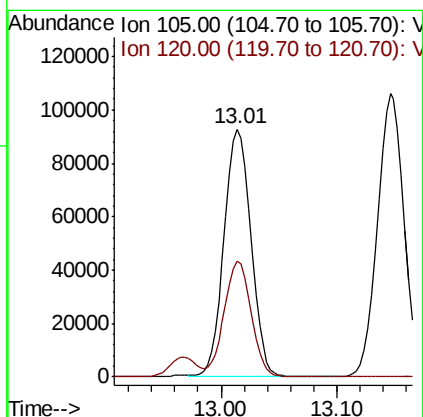
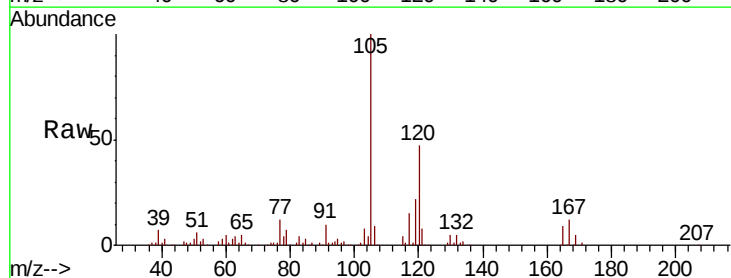
Instrument :
MSVOA_N
ClientSampled :
VN0623WBS01

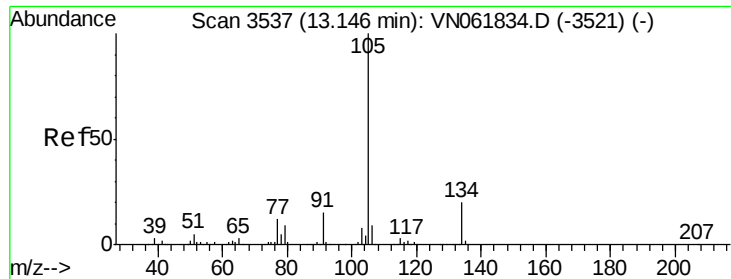
Tot Ion:119 Resp: 125489
Ion Ratio Lower Upper
119 100
91 64.7 31.5 94.5
134 25.0 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 21.168 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. -0.00 min
Lab File: VN062044.D
Acq: 23 Jun 2020 16:06

Tgt Ion:105 Resp: 149663
Ion Ratio Lower Upper
105 100
120 46.6 23.3 69.9

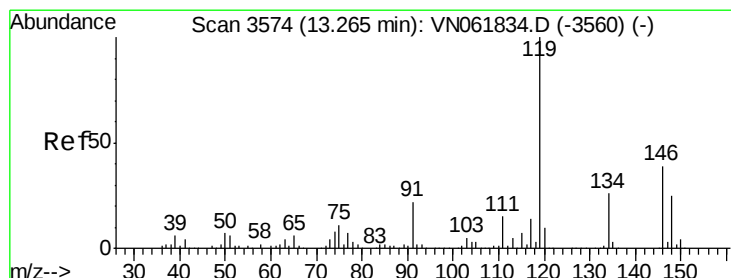
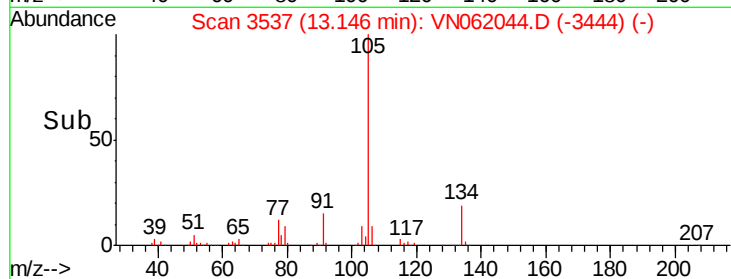
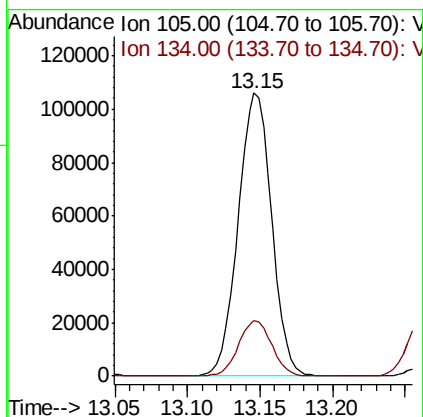
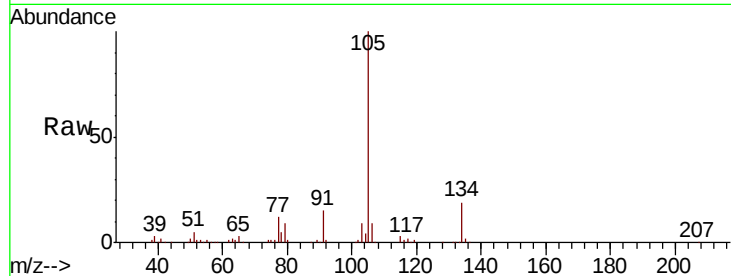




#85
 sec-Butylbenzene
 Concen: 21.439 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. -0.00 min
 Lab File: VN062044.D
 Acq: 23 Jun 2020 16:06

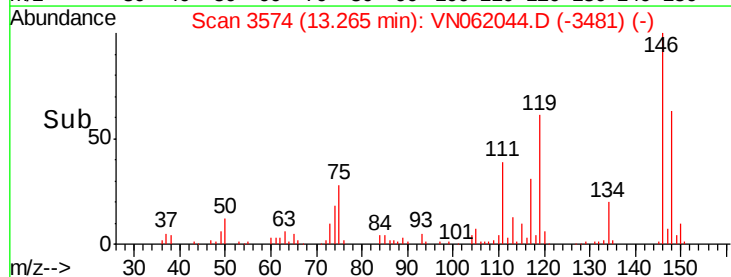
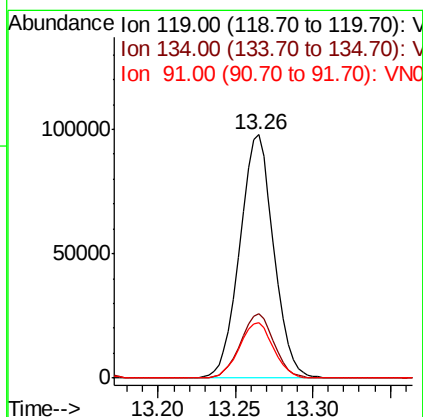
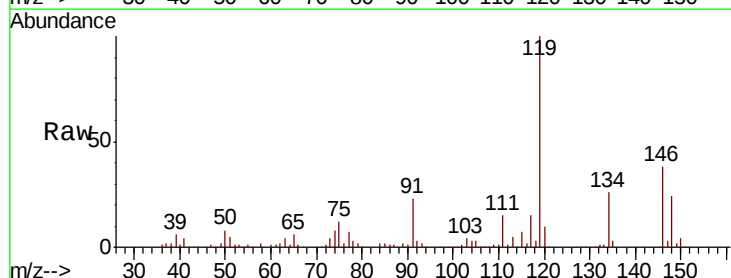
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0623WBS01

Tot Ion:105 Resp: 170391
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 21.056 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: VN062044.D
 Acq: 23 Jun 2020 16:06

Tgt Ion:119 Resp: 149122
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.3 39.9
 91 23.1 11.2 33.6

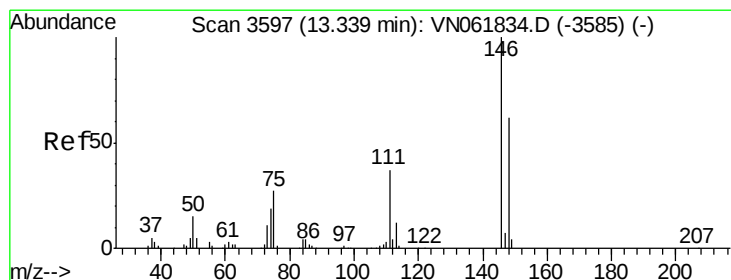
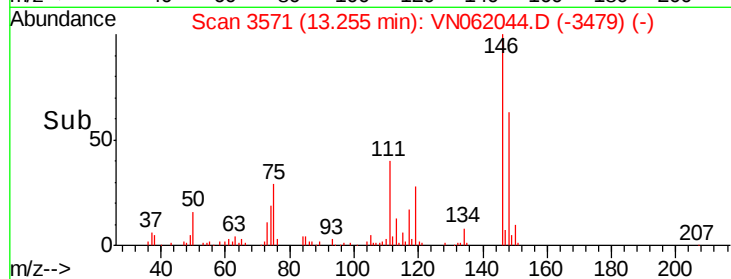
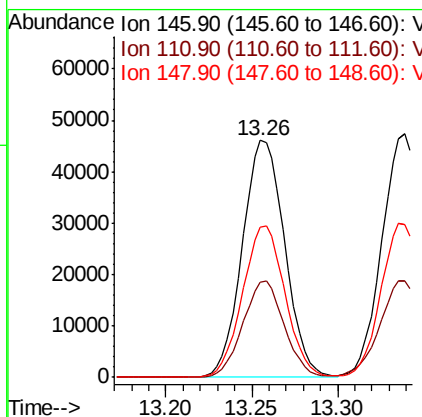
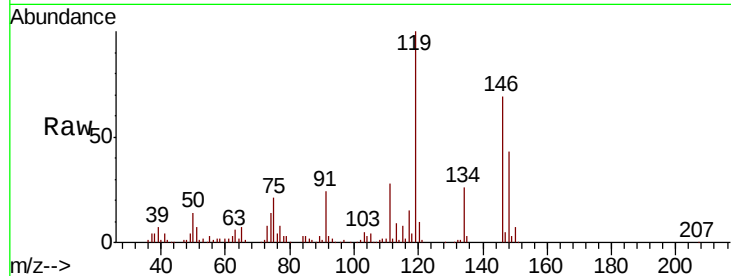




#87
 1,3-Dichlorobenzene
 Concen: 19.788 ug/l
 RT: 13.26 min Scan# 3571
 Delta R.T. -0.00 min
 Lab File: VN062044.D
 Acq: 23 Jun 2020 16:06

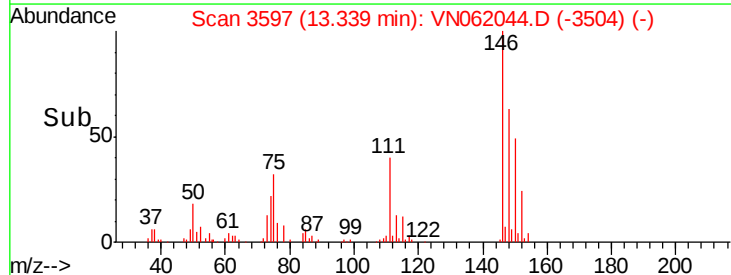
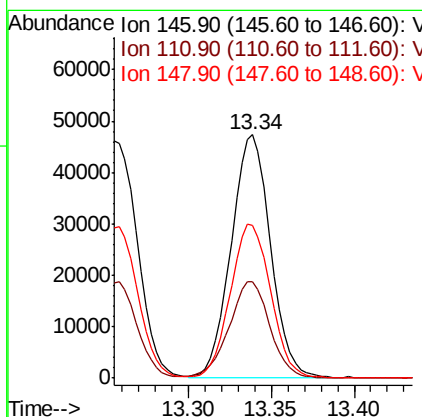
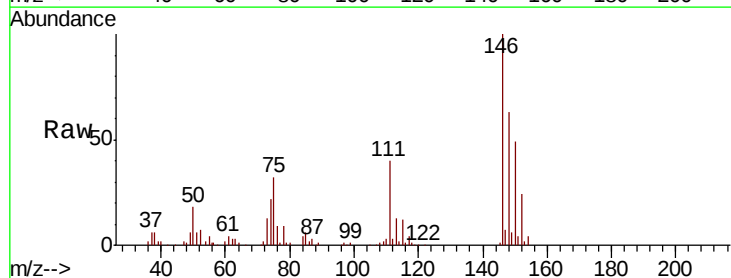
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0623WBS01

Tot Ion:146 Resp: 78829
 Ion Ratio Lower Upper
 146 100
 111 39.4 19.6 58.8
 148 63.9 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 19.210 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062044.D
 Acq: 23 Jun 2020 16:06

Tgt Ion:146 Resp: 78332
 Ion Ratio Lower Upper
 146 100
 111 41.2 19.3 57.8
 148 65.0 31.6 94.7

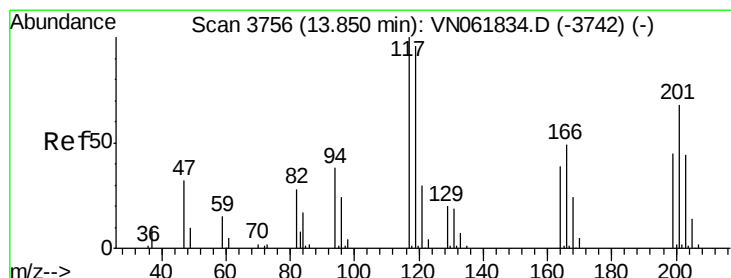
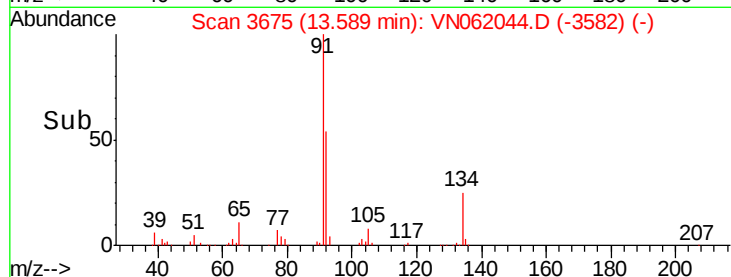
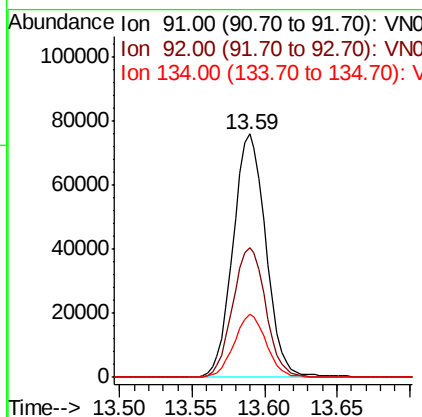
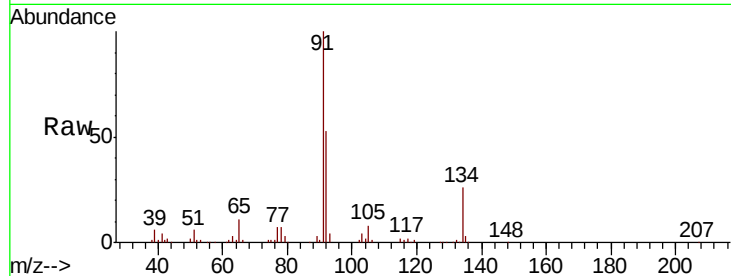




#89
n-Butylbenzene
Concen: 20.193 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062044.D
Acq: 23 Jun 2020 16:06

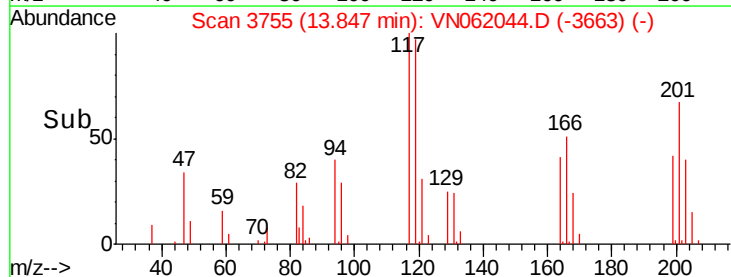
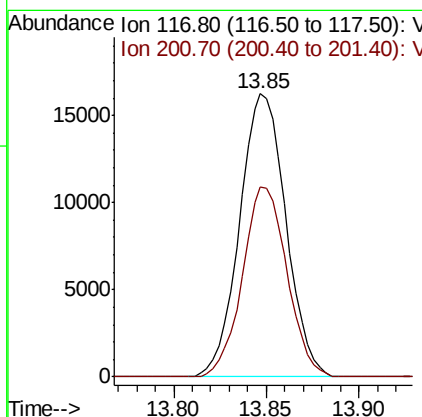
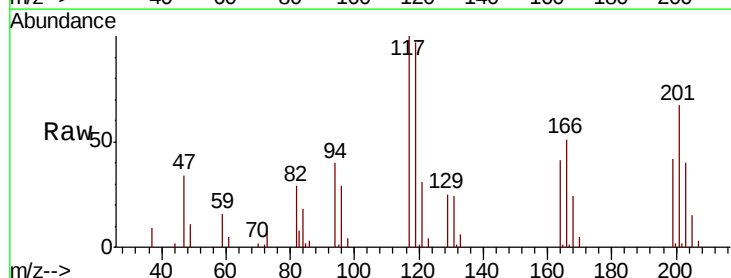
Instrument :
MSVOA_N
ClientSampleId :
VN0623WBS01

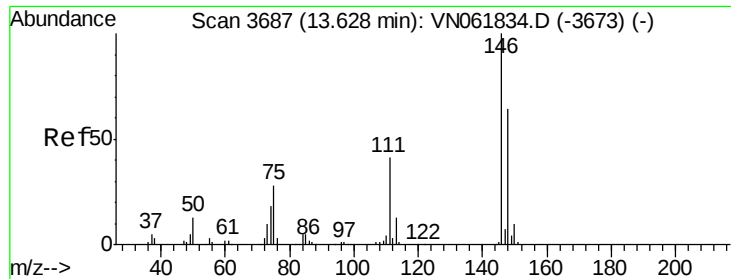
Tot Ion: 91 Resp: 119435
Ion Ratio Lower Upper
91 100
92 53.5 27.0 80.8
134 25.3 13.0 39.0



#90
Hexachloroethane
Concen: 21.777 ug/l
RT: 13.85 min Scan# 3755
Delta R.T. -0.00 min
Lab File: VN062044.D
Acq: 23 Jun 2020 16:06

Tgt Ion: 117 Resp: 28232
Ion Ratio Lower Upper
117 100
201 64.5 34.6 103.8

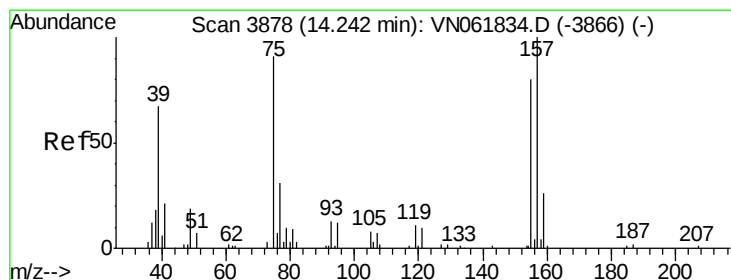
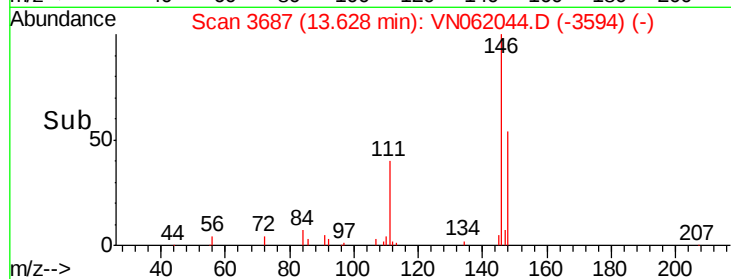
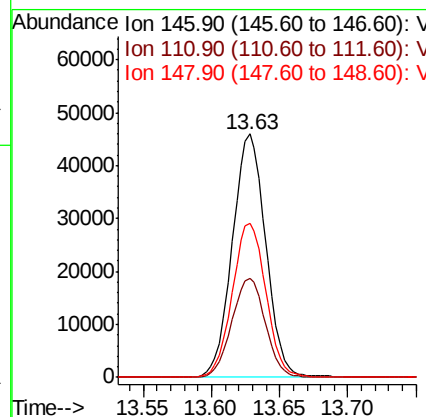
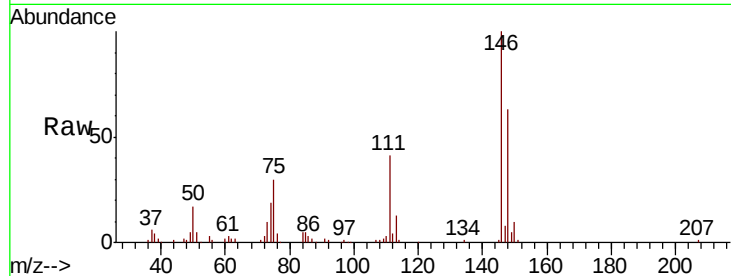




#91
 1,2-Dichlorobenzene
 Concen: 20.381 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062044.D
 Acq: 23 Jun 2020 16:06

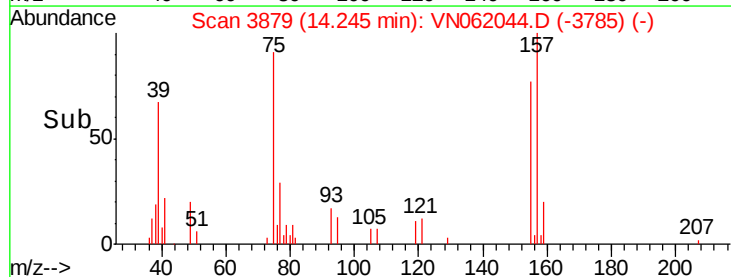
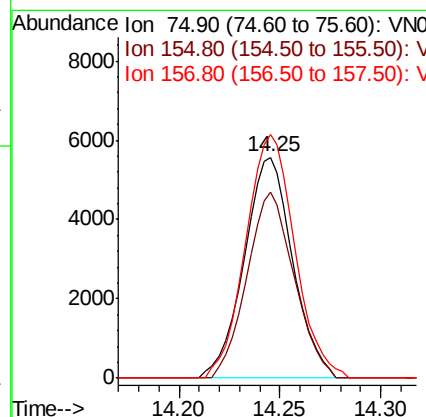
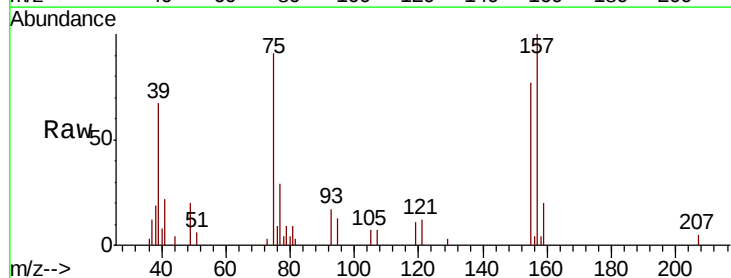
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0623WBS01

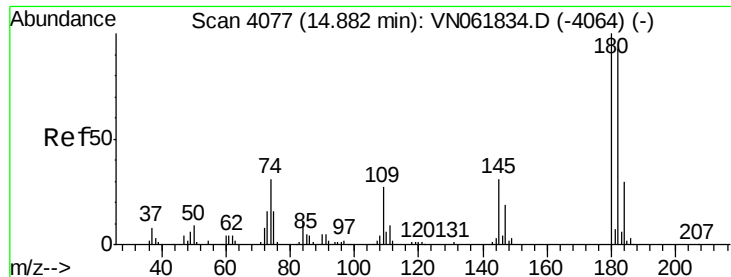
Tot Ion:146 Resp: 78162
 Ion Ratio Lower Upper
 146 100
 111 40.7 20.4 61.2
 148 63.5 31.8 95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.481 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. 0.00 min
 Lab File: VN062044.D
 Acq: 23 Jun 2020 16:06

Tgt Ion: 75 Resp: 9359
 Ion Ratio Lower Upper
 75 100
 155 81.9 44.4 133.2
 157 112.1 57.0 171.2

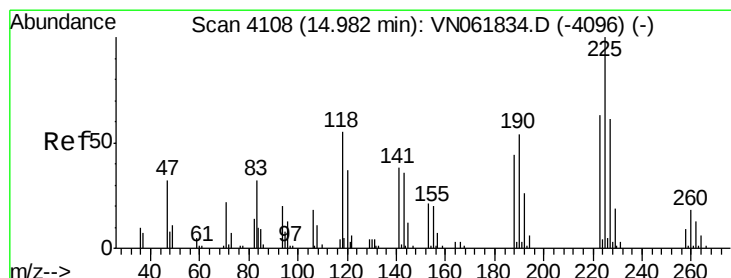
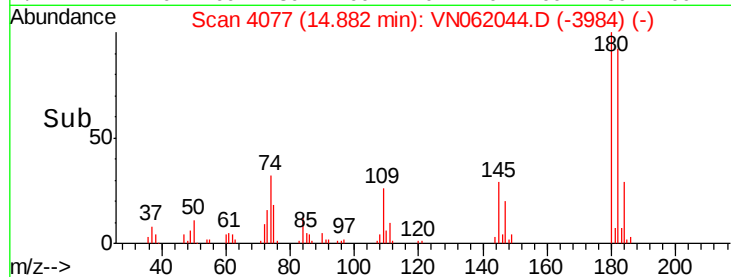
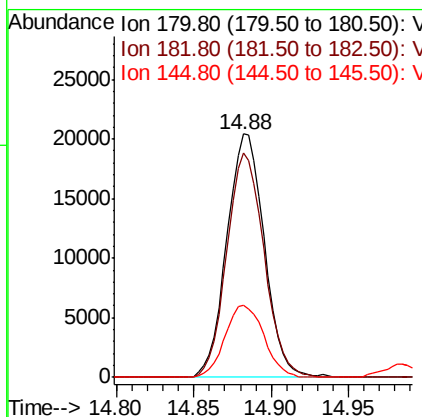
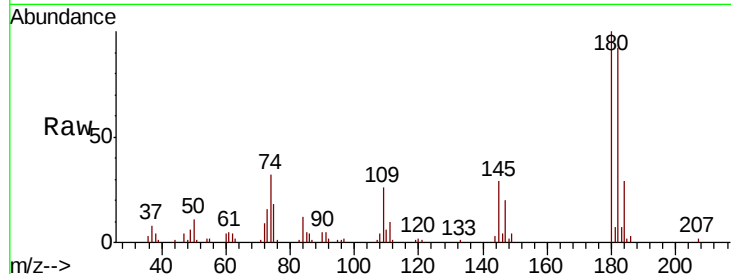




#93
 1,2,4-Trichlorobenzene
 Concen: 18.973 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN062044.D
 Acq: 23 Jun 2020 16:06

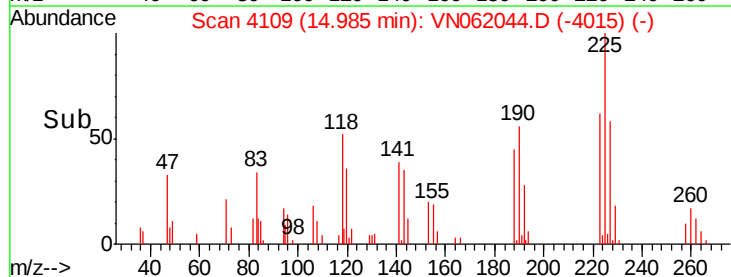
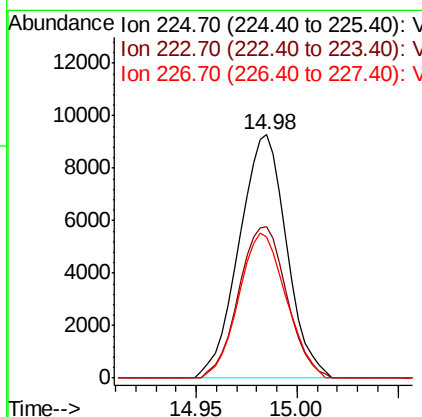
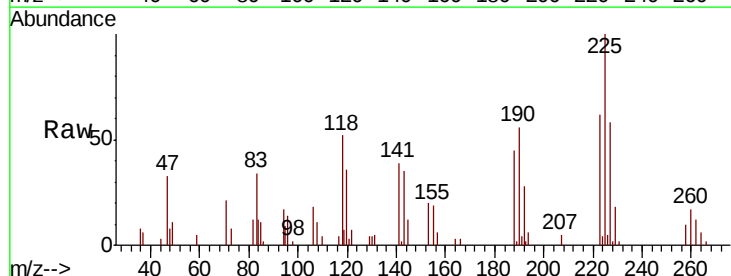
Instrument :
 MSVOA_N
 ClientSampled :
 VN0623WBS01

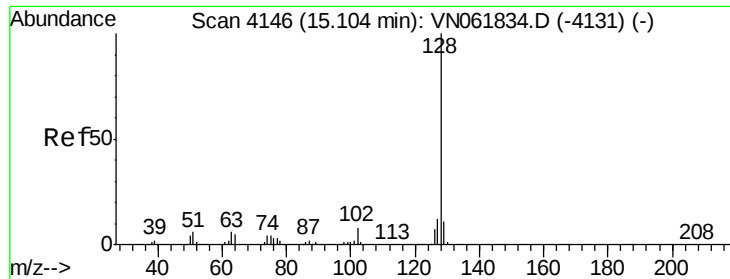
Tot Ion:180 Resp: 34335
 Ion Ratio Lower Upper
 180 100
 182 91.5 47.0 141.2
 145 30.7 15.8 47.3



#94
 Hexachlorobutadiene
 Concen: 21.462 ug/l
 RT: 14.98 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN062044.D
 Acq: 23 Jun 2020 16:06

Tgt Ion:225 Resp: 15297
 Ion Ratio Lower Upper
 225 100
 223 63.0 31.7 95.1
 227 59.4 30.1 90.3

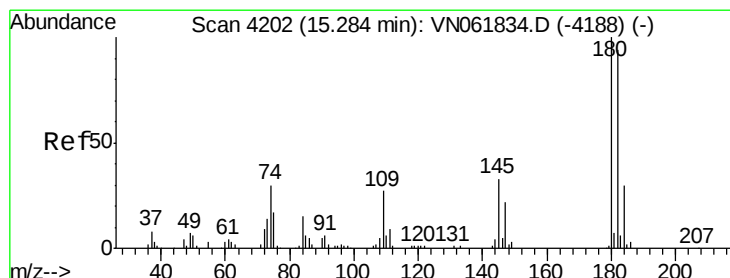
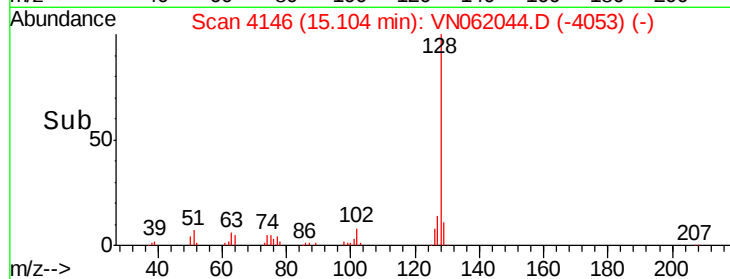
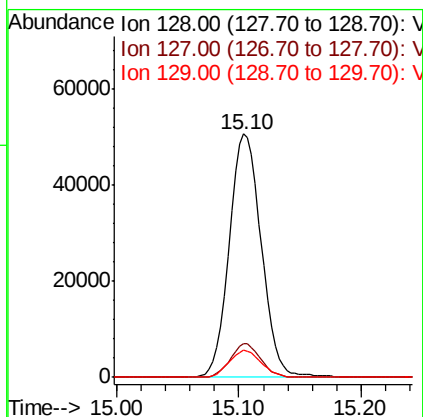
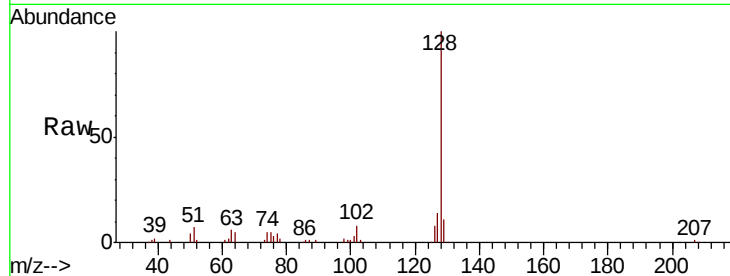




#95
Naphthalene
Concen: 17.697 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. -0.00 min
Lab File: VN062044.D
Acq: 23 Jun 2020 16:06

Instrument :
MSVOA_N
ClientSampleId :
VN0623WBS01

Tot Ion:128 Resp: 92592
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.1 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 18.714 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN062044.D
Acq: 23 Jun 2020 16:06

Tgt Ion:180 Resp: 33540
Ion Ratio Lower Upper
180 100
182 95.6 47.9 143.6
145 33.2 16.5 49.5

