

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112621\
 Data File : VW023716.D
 Acq On : 26 Nov 2021 10:10
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 27 03:29:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 26 01:51:50 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	148221	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	142287	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	81072	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	41923	3.445	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.000%
7) Chloroethane-d5	1.568	69	35887	3.752	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.000%
11) 1,1-Dichloroethene-d2	2.108	63	84482	3.940	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.800%
20) 2-Butanone-d5	3.892	46	81180	55.498	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.000%
24) Chloroform-d	4.349	84	88297	4.167	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.400%
26) 1,2-Dichloroethane-d4	5.031	65	43148	4.359	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.200%
32) Benzene-d6	5.047	84	163613	4.221	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.400%
36) 1,2-Dichloropropane-d6	6.066	67	47124	4.337	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.800%
41) Toluene-d8	7.313	98	149835	4.137	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.800%
43) trans-1,3-Dichloroprop...	7.619	79	19873	4.537	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.800%
46) 2-Hexanone-d5	8.088	63	77383	53.175	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.340%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	38074	4.869	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	60913	4.250	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	72786	5.176	ug/L	100
3) Chloromethane	1.240	50	60814	4.974	ug/L	98
5) Vinyl chloride	1.310	62	63825	4.971	ug/L	97
6) Bromomethane	1.523	94	33986	4.668	ug/L	99
8) Chloroethane	1.584	64	40307	4.954	ug/L	98
9) Trichlorofluoromethane	1.754	101	107902	5.158	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	55732	5.316	ug/L	100
12) 1,1-Dichloroethene	2.117	96	51538	5.190	ug/L	98
13) Acetone	2.185	43	67365	51.180	ug/L	75
14) Carbon disulfide	2.294	76	170723	5.114	ug/L	98
15) Methyl Acetate	2.439	43	11375	3.808	ug/L #	85
16) Methylene chloride	2.506	84	58564	4.133	ug/L	97
17) Methyl tert-butyl Ether	2.767	73	111744	5.491	ug/L	99
18) trans-1,2-Dichloroethene	2.757	96	59259	5.239	ug/L	99
19) 1,1-Dichloroethane	3.188	63	100119	5.264	ug/L	98
21) 2-Butanone	3.976	43	91866	55.143	ug/L #	73
22) cis-1,2-Dichloroethene	3.908	96	60427	5.571	ug/L	96
23) Bromochloromethane	4.243	128	27442	5.390	ug/L	93
25) Chloroform	4.368	83	111448	5.260	ug/L	99

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 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 27 03:29:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

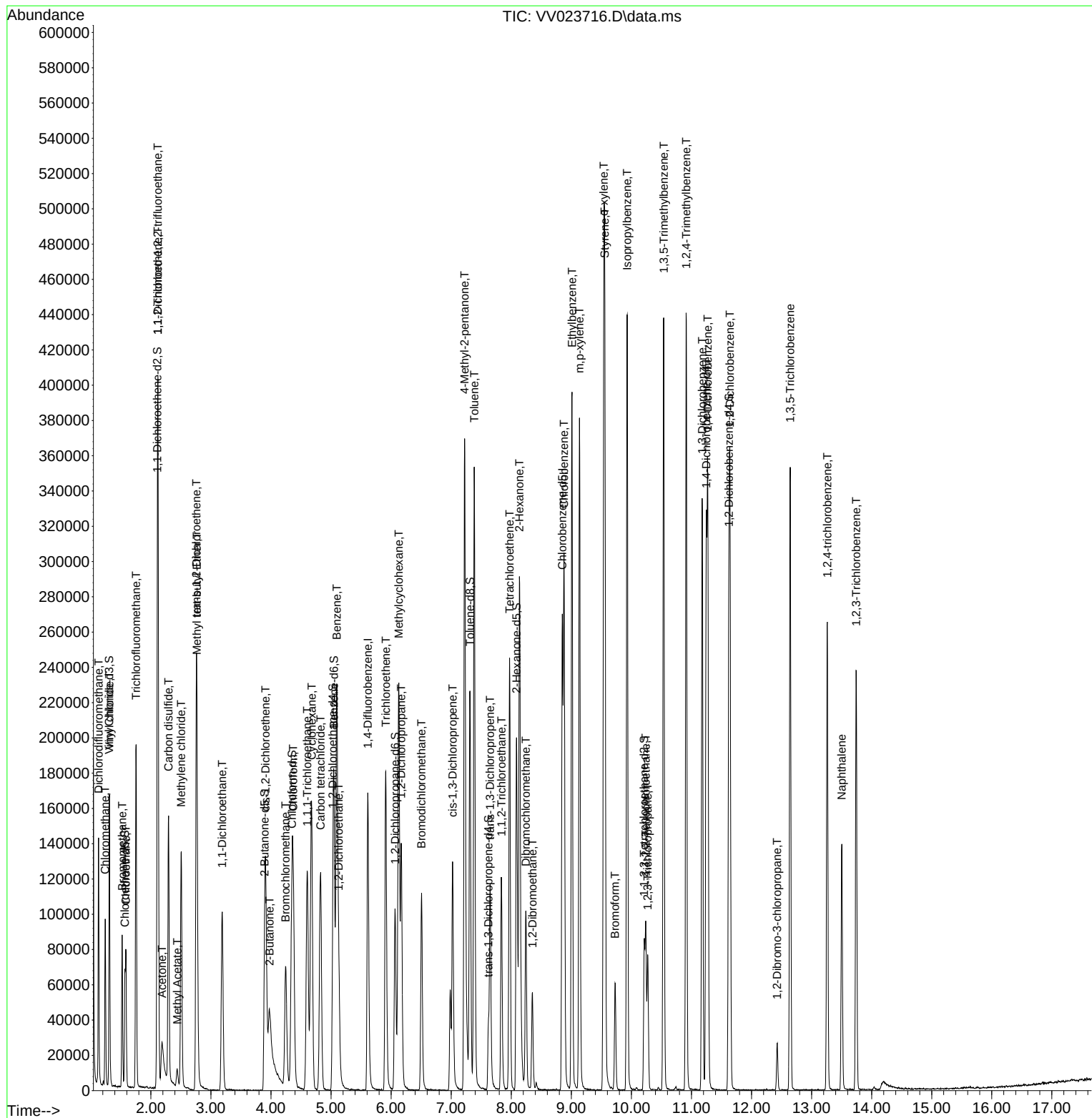
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	58599	5.202	ug/L	99
29) 1,1,1-Trichloroethane	4.603	97	102503	5.513	ug/L	100
30) Cyclohexane	4.677	56	86785	5.593	ug/L	98
31) Carbon tetrachloride	4.825	117	94161	5.528	ug/L	100
33) Benzene	5.095	78	230377	5.679	ug/L	100
34) Trichloroethene	5.911	95	60315	5.551	ug/L	96
35) Methylcyclohexane	6.127	83	96157	5.676	ug/L	99
37) 1,2-Dichloropropane	6.169	63	53184	5.515	ug/L	100
38) Bromodichloromethane	6.506	83	72695	5.555	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	78060	5.689	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	263359	57.216	ug/L	99
42) Toluene	7.384	91	257524	5.854	ug/L	98
44) trans-1,3-Dichloropropene	7.648	75	65649	5.692	ug/L	100
45) 1,1,2-Trichloroethane	7.837	97	38351	5.744	ug/L	96
47) Tetrachloroethene	7.973	164	54669	5.527	ug/L	97
48) 2-Hexanone	8.136	43	195843	57.566	ug/L	99
49) Dibromochloromethane	8.243	129	51050	5.580	ug/L	95
50) 1,2-Dibromoethane	8.352	107	36325	5.580	ug/L	97
51) Chlorobenzene	8.879	112	163521	5.607	ug/L	99
52) Ethylbenzene	9.011	91	269890	5.869	ug/L	99
53) m,p-xylene	9.136	106	107080	5.851	ug/L	98
54) o-xylene	9.542	106	101778	5.848	ug/L	99
55) Styrene	9.558	104	177538	6.054	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	41606	5.601	ug/L	99
59) Bromoform	9.728	173	28822	5.383	ug/L	97
60) Isopropylbenzene	9.931	105	281430	5.814	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	28830	5.014	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	232224	5.765	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	235044	5.901	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	138896	5.612	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	136576	5.490	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	124754	5.508	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	6149	5.385	ug/L	98
69) 1,3,5-Trichlorobenzene	12.644	180	108452	5.613	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	83079	5.541	ug/L	98
71) Naphthalene	13.503	128	111618	5.532	ug/L	97
72) 1,2,3-Trichlorobenzene	13.744	180	71692	5.518	ug/L	99

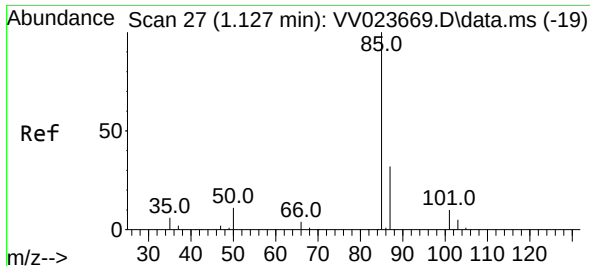
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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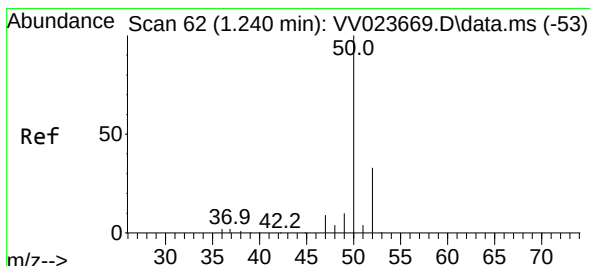
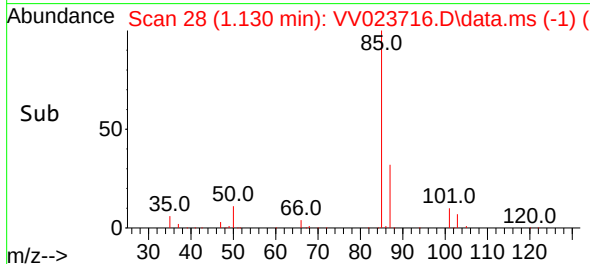
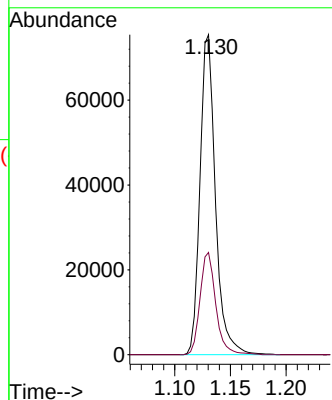
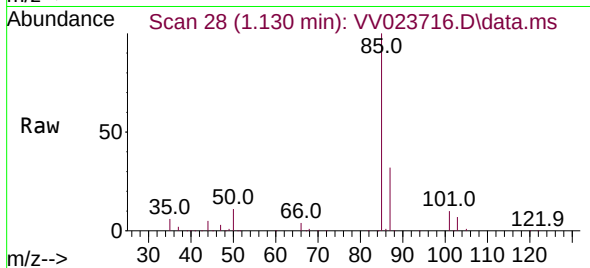




#2
 Dichlorodifluoromethane
 Concen: 5.176 ug/L
 RT: 1.130 min Scan# 27
 Delta R.T. -0.000 min
 Lab File: VV023716.D
 Acq: 26 Nov 2021 10:10

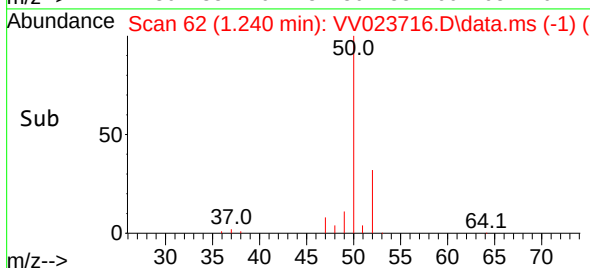
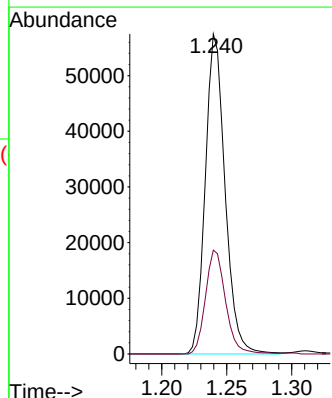
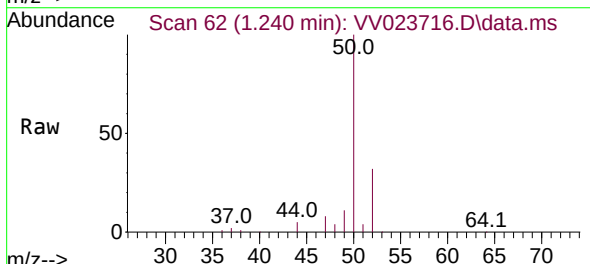
Instrument :
 MSVOA_V
 ClientSampleId :

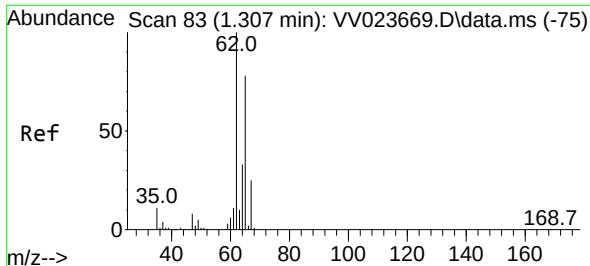
Tgt Ion: 85 Resp: 72786
 Ion Ratio Lower Upper
 85 100
 87 32.6 26.0 39.0



#3
 Chloromethane
 Concen: 4.974 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV023716.D
 Acq: 26 Nov 2021 10:10

Tgt Ion: 50 Resp: 60814
 Ion Ratio Lower Upper
 50 100
 52 32.5 22.0 41.0

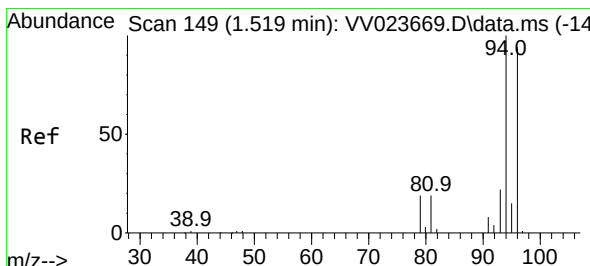
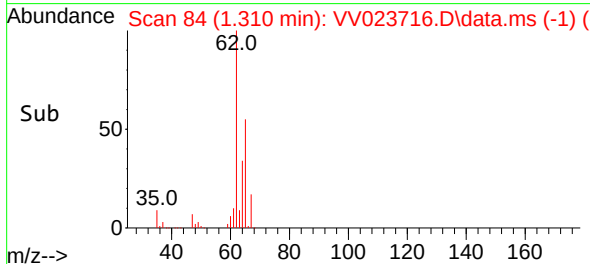
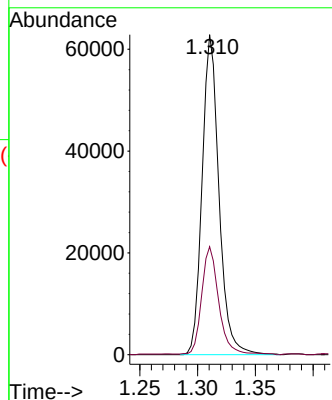
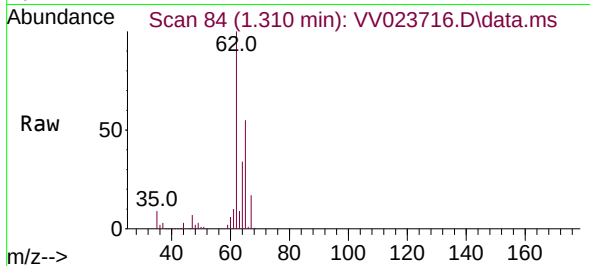




#5
 Vinyl chloride
 Concen: 4.971 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV023716.D
 Acq: 26 Nov 2021 10:10

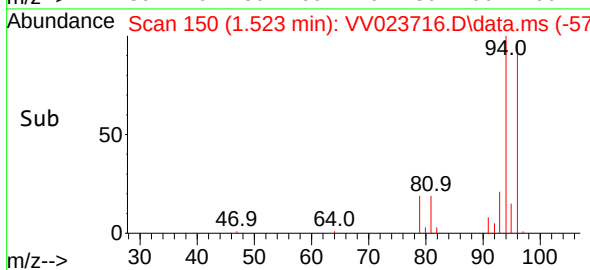
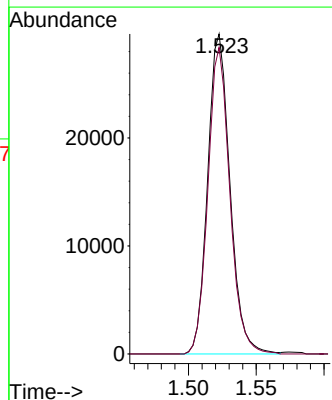
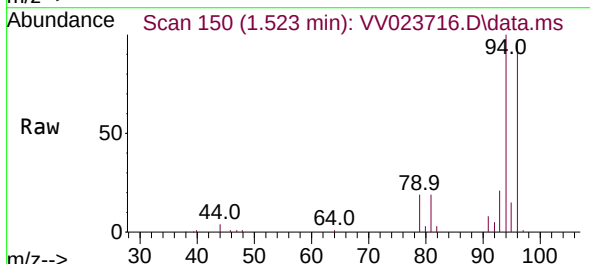
Instrument :
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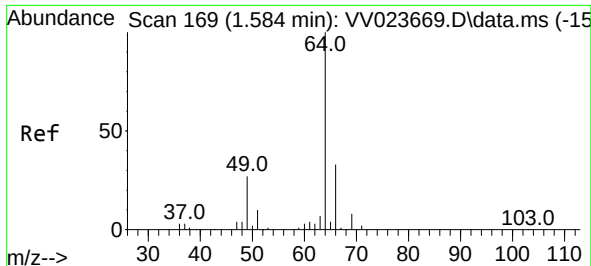
Tgt Ion: 62 Resp: 63825
 Ion Ratio Lower Upper
 62 100
 64 33.8 22.4 41.6



#6
 Bromomethane
 Concen: 4.668 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. -0.000 min
 Lab File: VV023716.D
 Acq: 26 Nov 2021 10:10

Tgt Ion: 94 Resp: 33986
 Ion Ratio Lower Upper
 94 100
 96 95.8 66.2 123.0

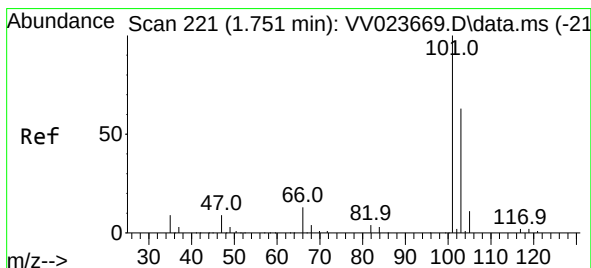
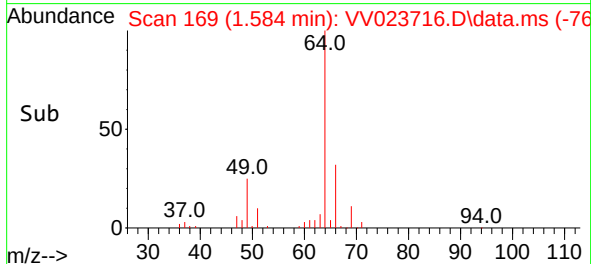
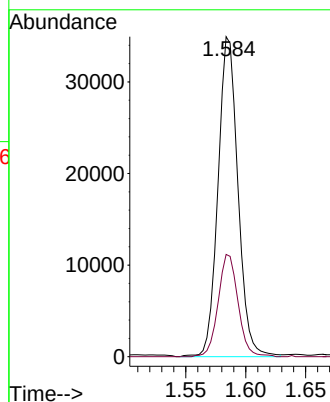
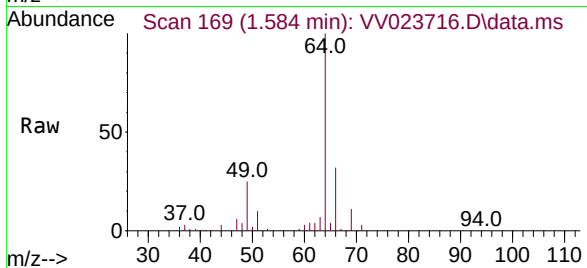




#8
Chloroethane
Concen: 4.954 ug/L
RT: 1.584 min Scan# 169
Delta R.T. -0.000 min
Lab File: VV023716.D
Acq: 26 Nov 2021 10:10

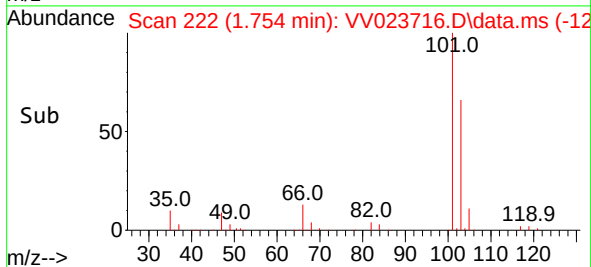
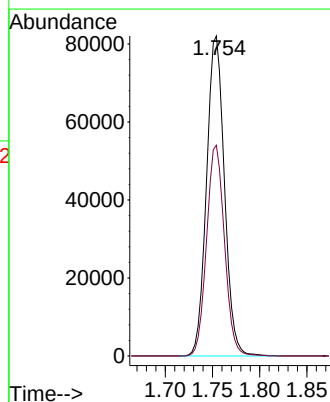
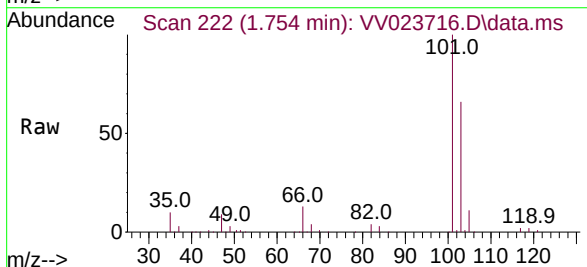
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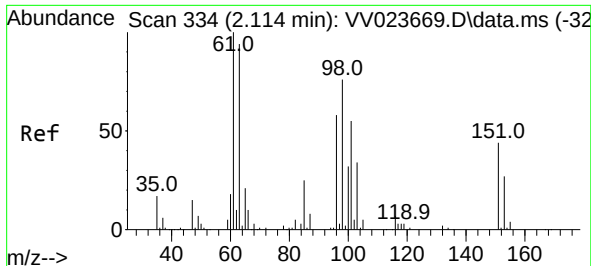
Tgt Ion: 64 Resp: 40307
Ion Ratio Lower Upper
64 100
66 32.0 21.4 39.8



#9
Trichlorofluoromethane
Concen: 5.158 ug/L
RT: 1.754 min Scan# 222
Delta R.T. -0.000 min
Lab File: VV023716.D
Acq: 26 Nov 2021 10:10

Tgt Ion:101 Resp: 107902
Ion Ratio Lower Upper
101 100
103 65.9 51.6 77.4

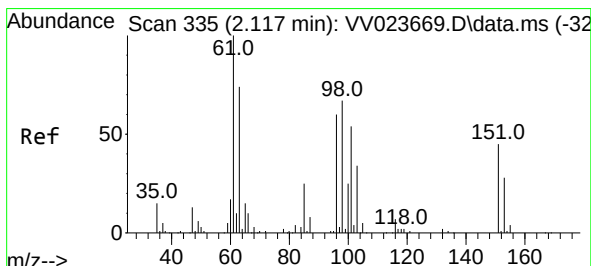
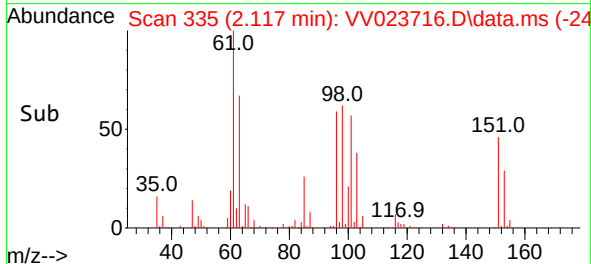
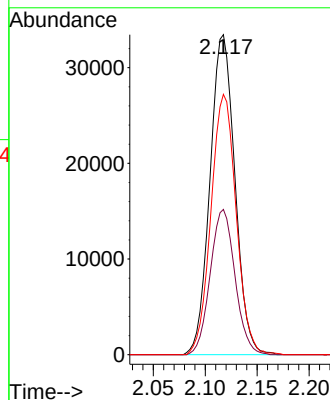
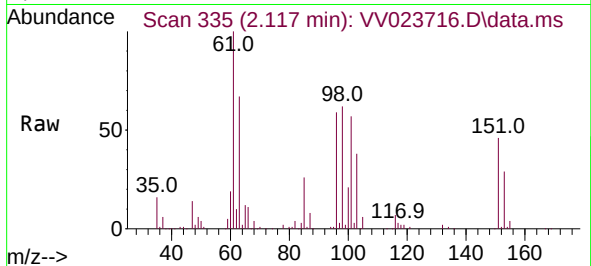




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.316 ug/L
RT: 2.117 min Scan# 335
Delta R.T. -0.000 min
Lab File: VV023716.D
Acq: 26 Nov 2021 10:10

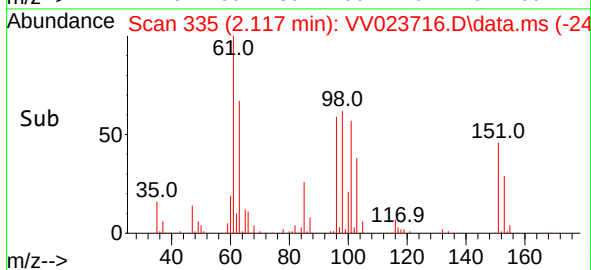
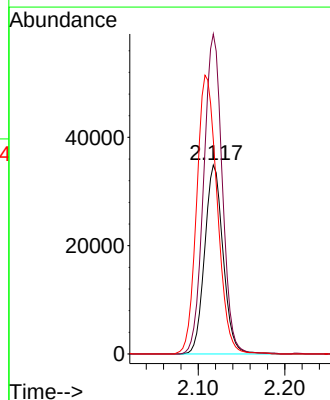
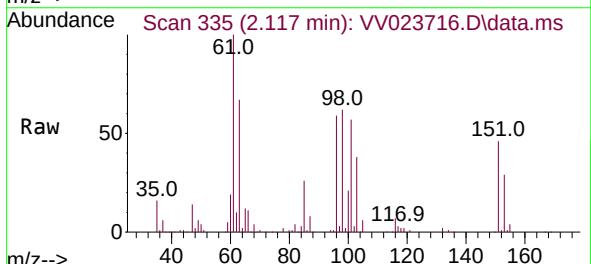
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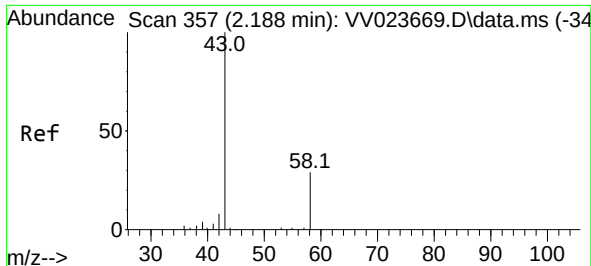
Tgt Ion:101 Resp: 55732
Ion Ratio Lower Upper
101 100
85 45.1 36.0 54.0
151 82.4 66.4 99.6



#12
1,1-Dichloroethene
Concen: 5.190 ug/L
RT: 2.117 min Scan# 335
Delta R.T. -0.000 min
Lab File: VV023716.D
Acq: 26 Nov 2021 10:10

Tgt Ion: 96 Resp: 51538
Ion Ratio Lower Upper
96 100
61 169.3 116.1 215.5
63 113.2 79.4 147.4





#13

Acetone

Concen: 51.180 ug/L

RT: 2.185 min Scan# 31

Delta R.T. -0.013 min

Lab File: VV023716.D

Acq: 26 Nov 2021 10:10

Instrument :

MSVOA_V

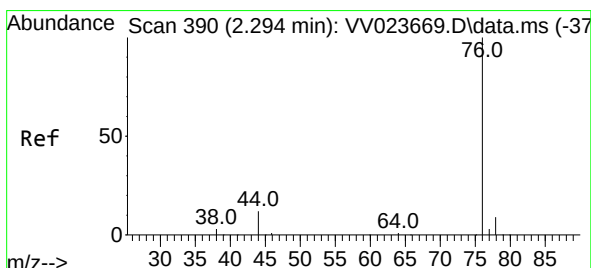
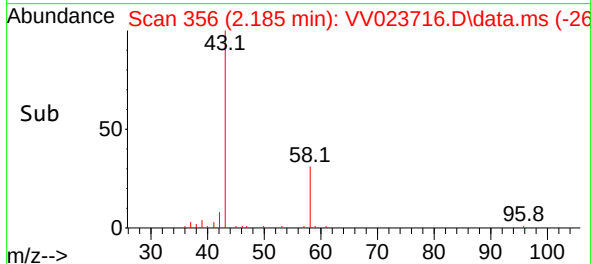
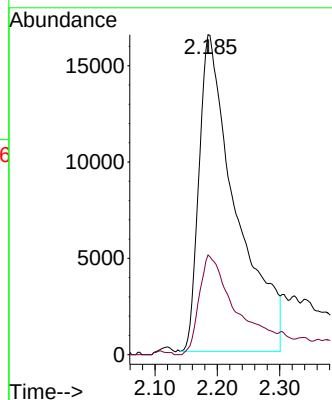
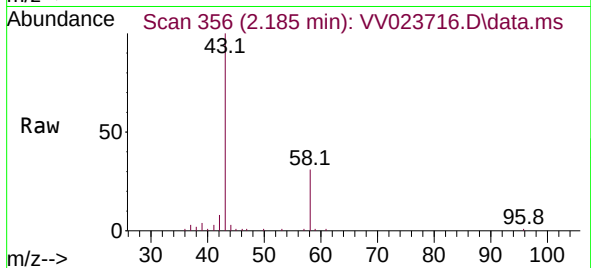
ClientSampleId :

Tgt Ion: 43 Resp: 67365

Ion Ratio Lower Upper

43 100

58 32.2 0.0 41.4



#14

Carbon disulfide

Concen: 5.114 ug/L

RT: 2.294 min Scan# 390

Delta R.T. -0.000 min

Lab File: VV023716.D

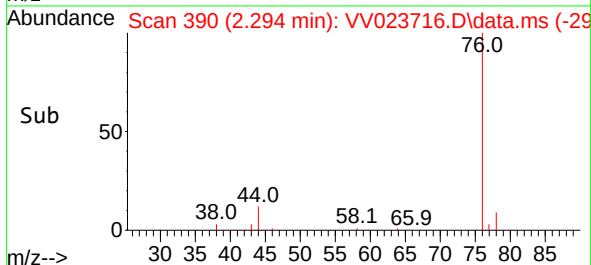
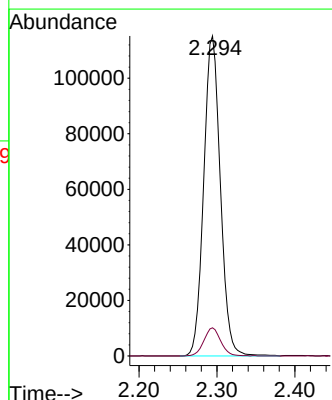
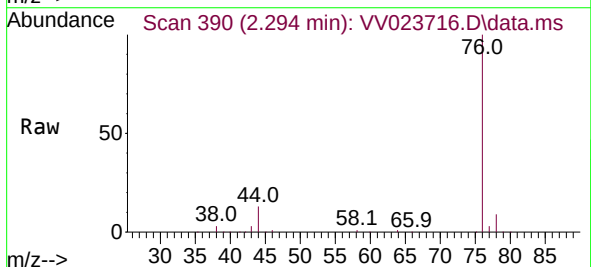
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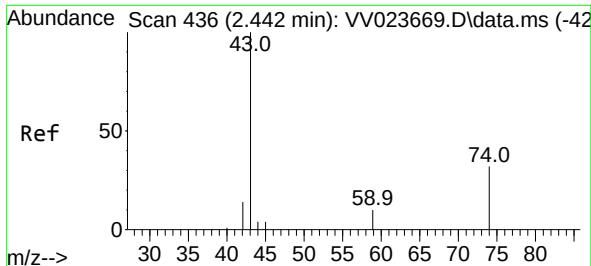
Tgt Ion: 76 Resp: 170723

Ion Ratio Lower Upper

76 100

78 8.8 7.5 11.3





#15

Methyl Acetate

Concen: 3.808 ug/L

RT: 2.439 min Scan# 41

Delta R.T. -0.003 min

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Acq: 26 Nov 2021 10:10

Instrument :

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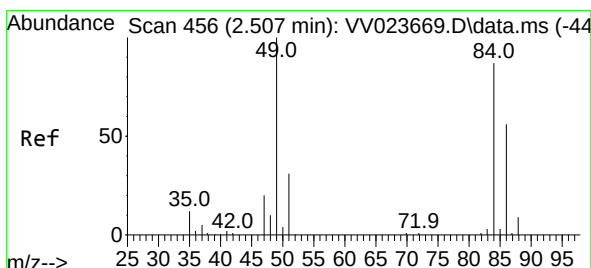
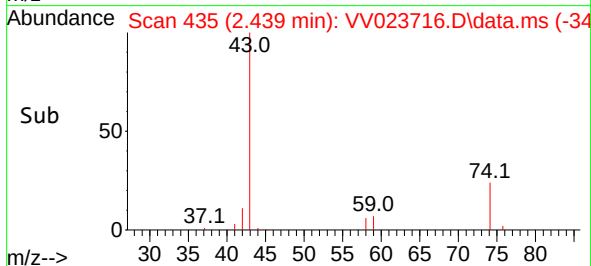
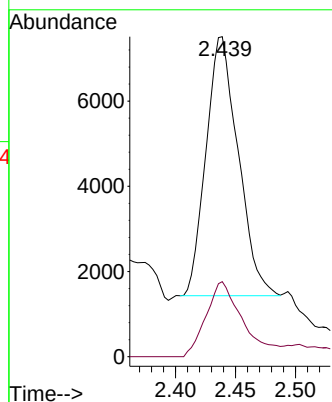
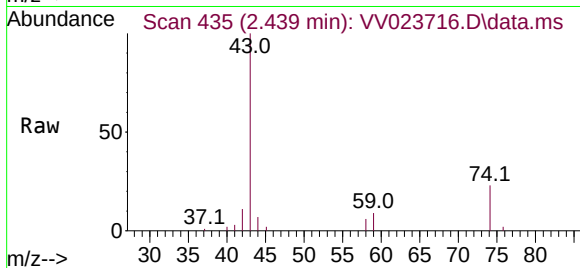
ClientSampleId :

Tgt Ion: 43 Resp: 11375

Ion Ratio Lower Upper

43 100

74 32.9 20.2 30.2#



#16

Methylene chloride

Concen: 4.133 ug/L

RT: 2.506 min Scan# 456

Delta R.T. -0.000 min

Lab File: VV023716.D

Acq: 26 Nov 2021 10:10

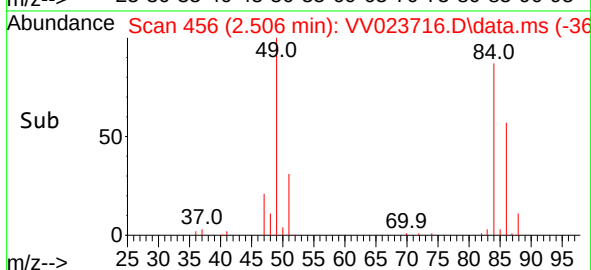
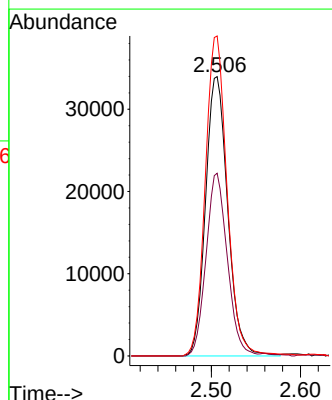
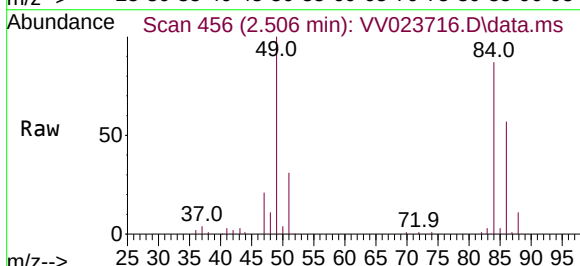
Tgt Ion: 84 Resp: 58564

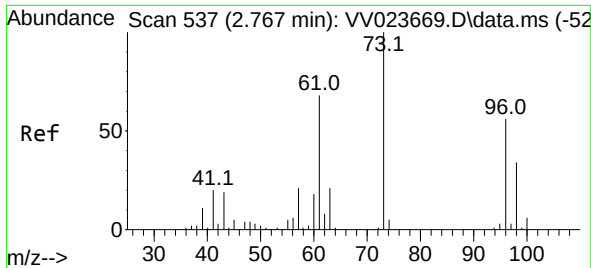
Ion Ratio Lower Upper

84 100

86 65.4 42.6 79.0

49 114.6 79.7 147.9

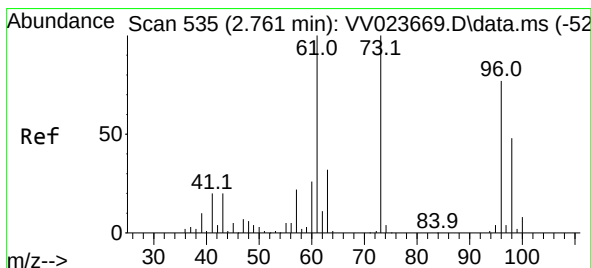
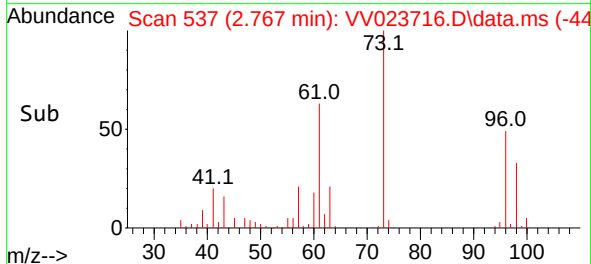
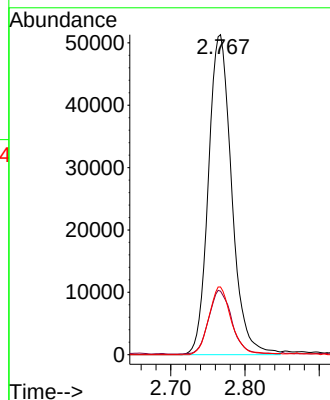
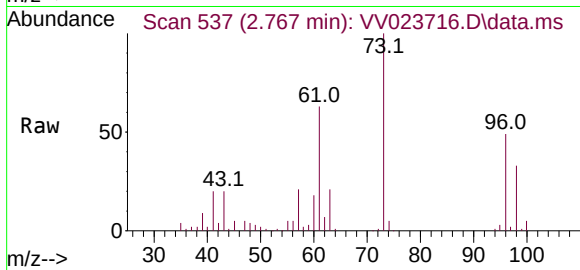




#17
Methyl tert-butyl Ether
Concen: 5.491 ug/L
RT: 2.767 min Scan# 511
Delta R.T. -0.000 min
Lab File: VV023716.D
Acq: 26 Nov 2021 10:10

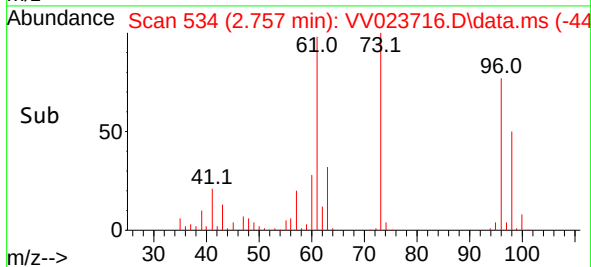
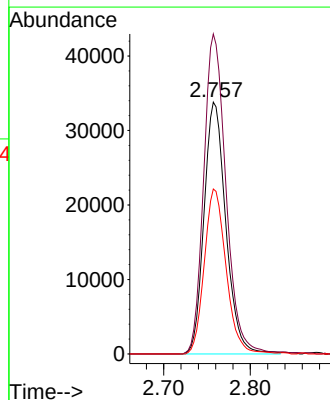
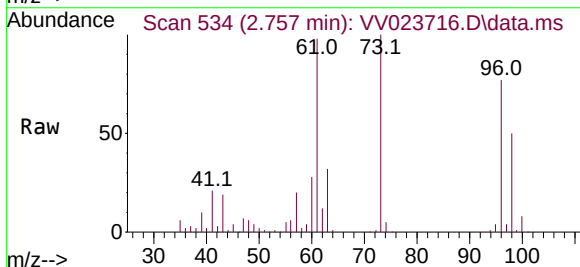
Instrument :
MSVOA_V
ClientSampleId :

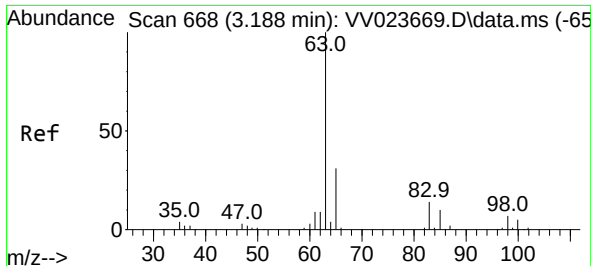
Tgt Ion: 73 Resp: 111744
Ion Ratio Lower Upper
73 100
43 19.7 15.5 23.3
57 20.7 17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 5.239 ug/L
RT: 2.757 min Scan# 534
Delta R.T. -0.003 min
Lab File: VV023716.D
Acq: 26 Nov 2021 10:10

Tgt Ion: 96 Resp: 59259
Ion Ratio Lower Upper
96 100
61 127.1 88.2 163.8
98 65.5 44.9 83.5





#19

1,1-Dichloroethane

Concen: 5.264 ug/L

RT: 3.188 min Scan# 60

Delta R.T. -0.000 min

Lab File: VV023716.D

Acq: 26 Nov 2021 10:10

Instrument :

MSVOA_V

ClientSampleId :

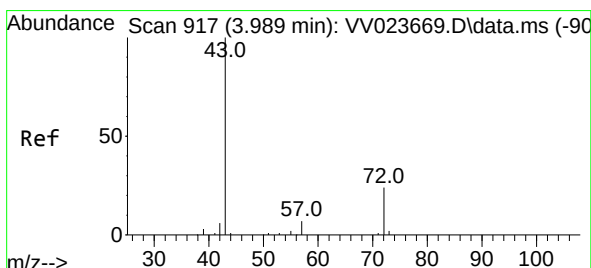
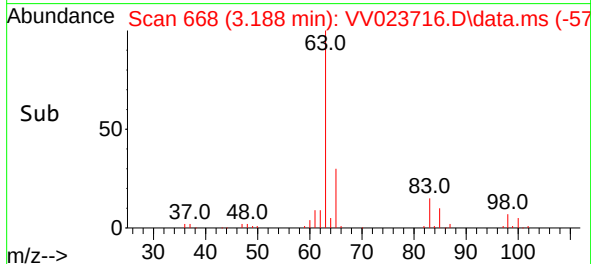
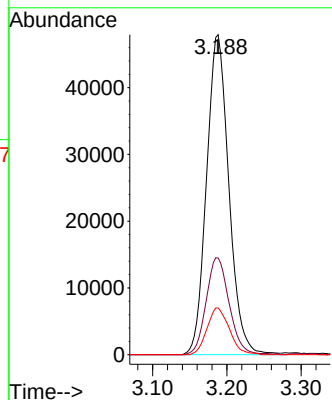
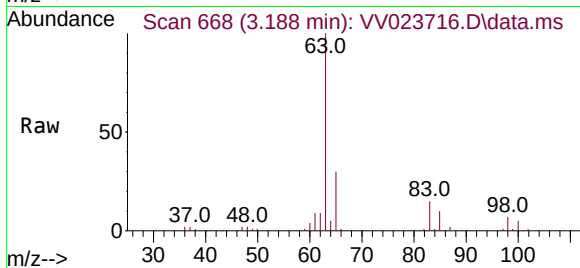
Tgt Ion: 63 Resp: 100119

Ion Ratio Lower Upper

63 100

65 30.2 22.3 41.3

83 14.6 10.7 19.9



#21

2-Butanone

Concen: 55.143 ug/L

RT: 3.976 min Scan# 913

Delta R.T. -0.010 min

Lab File: VV023716.D

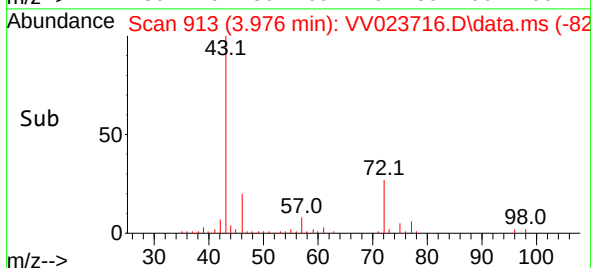
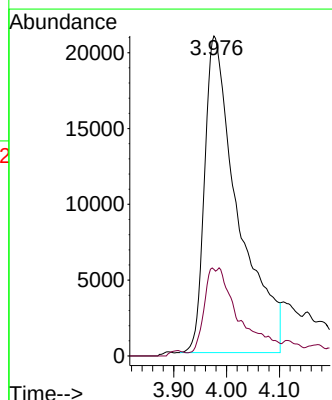
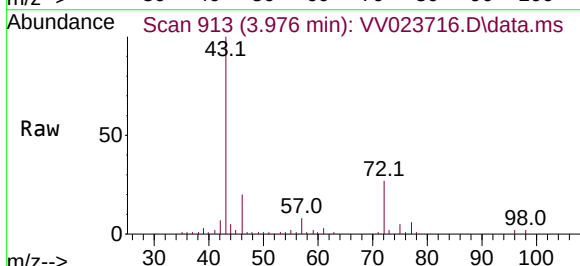
Acq: 26 Nov 2021 10:10

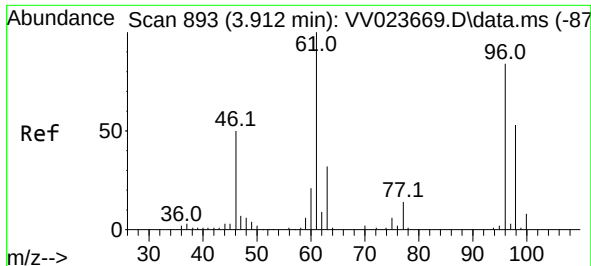
Tgt Ion: 43 Resp: 91866

Ion Ratio Lower Upper

43 100

72 9.3 11.1 33.1#





#22

cis-1,2-Dichloroethene

Concen: 5.571 ug/L

RT: 3.908 min Scan# 893

Delta R.T. -0.000 min

Lab File: VV023716.D

Acq: 26 Nov 2021 10:10

Instrument :

MSVOA_V

ClientSampleId :

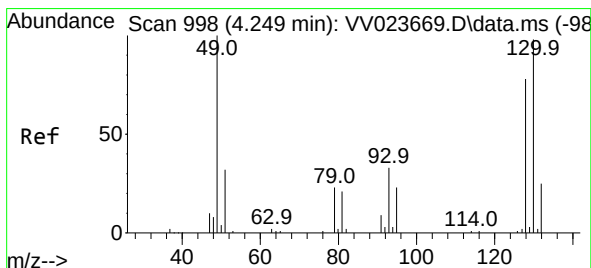
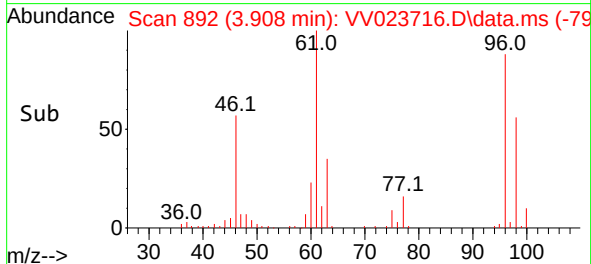
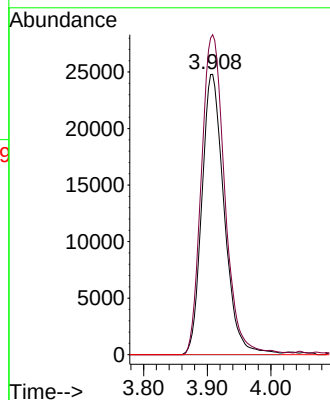
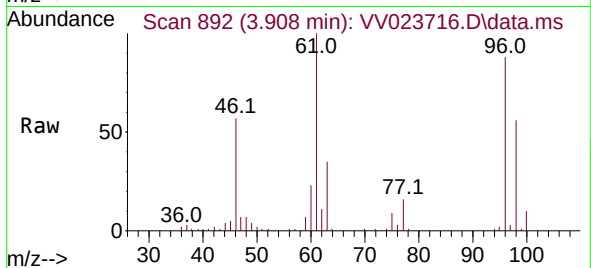
Tgt Ion: 96 Resp: 60427

Ion Ratio Lower Upper

96 100

61 114.1 83.4 154.8

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 5.390 ug/L

RT: 4.243 min Scan# 996

Delta R.T. -0.003 min

Lab File: VV023716.D

Acq: 26 Nov 2021 10:10

Tgt Ion: 128 Resp: 27442

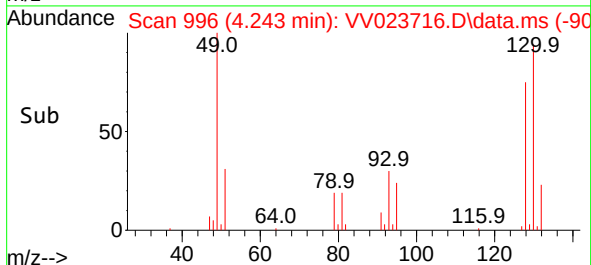
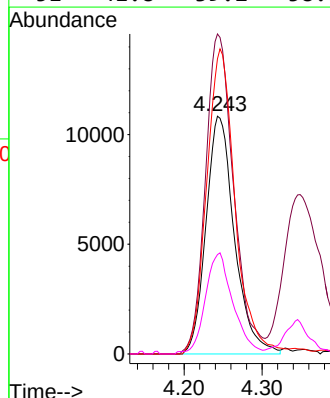
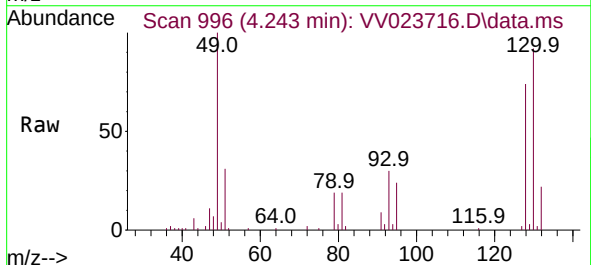
Ion Ratio Lower Upper

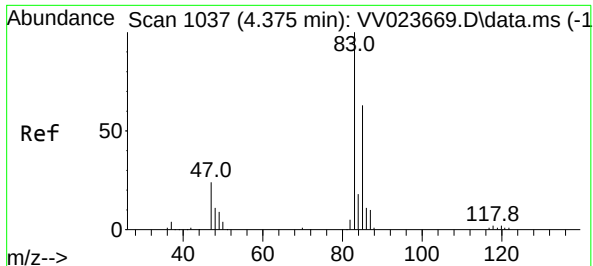
128 100

49 134.6 100.2 186.2

130 124.1 92.5 171.7

51 41.8 39.2 58.8





#25

Chloroform

Concen: 5.260 ug/L

RT: 4.368 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV023716.D

Acq: 26 Nov 2021 10:10

Instrument :

MSVOA_V

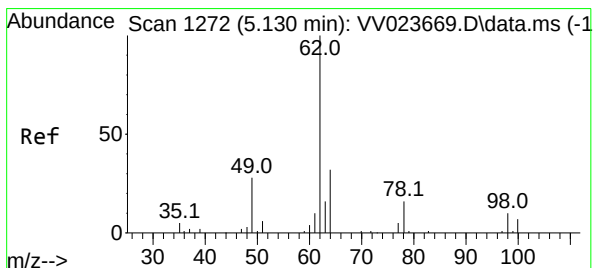
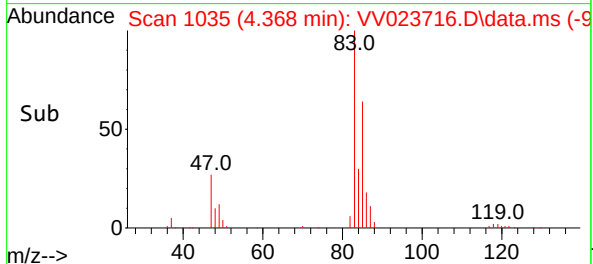
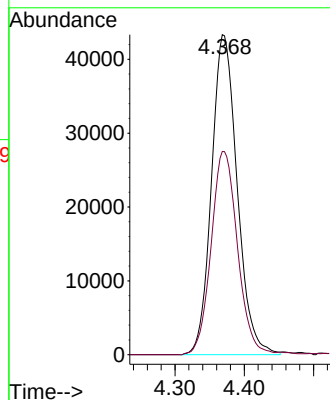
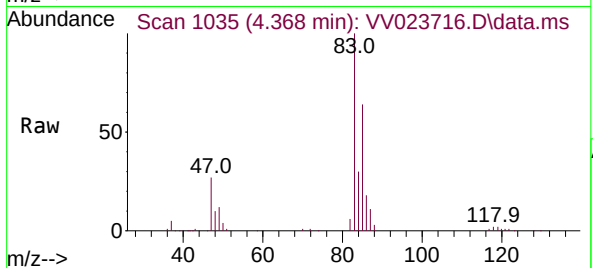
ClientSampleId :

Tgt Ion: 83 Resp: 111448

Ion Ratio Lower Upper

83 100

85 63.5 45.2 84.0



#27

1,2-Dichloroethane

Concen: 5.202 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. -0.003 min

Lab File: VV023716.D

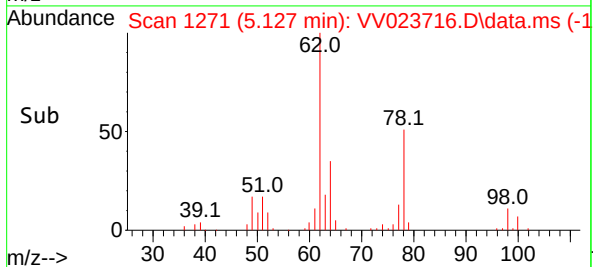
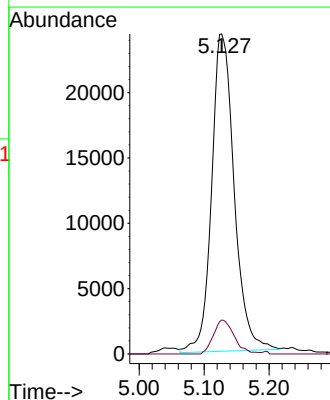
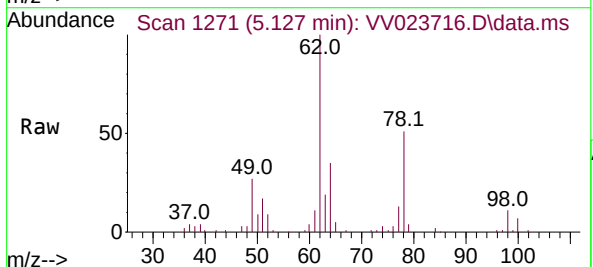
Acq: 26 Nov 2021 10:10

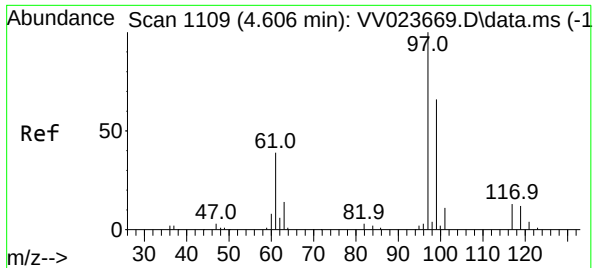
Tgt Ion: 62 Resp: 58599

Ion Ratio Lower Upper

62 100

98 10.6 8.1 12.1





#29

1,1,1-Trichloroethane

Concen: 5.513 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. -0.003 min

Lab File: VV023716.D

Acq: 26 Nov 2021 10:10

Instrument :

MSVOA_V

ClientSampleId :

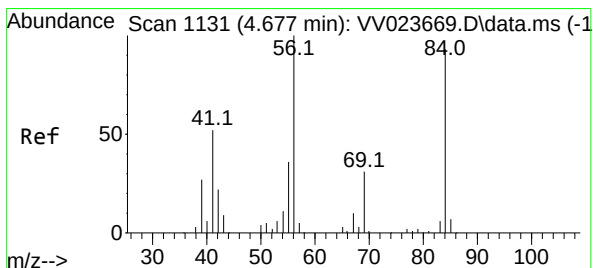
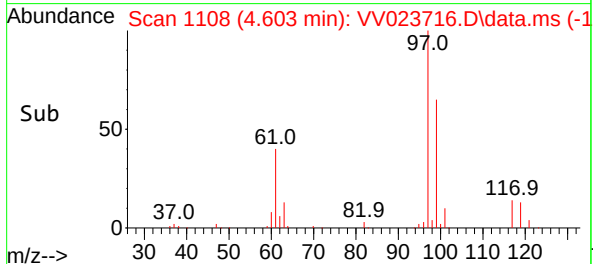
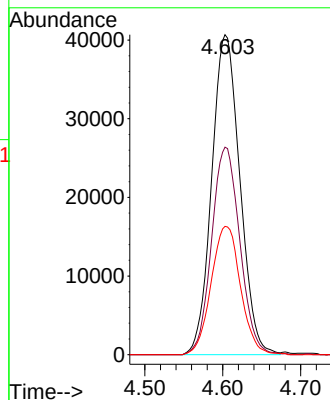
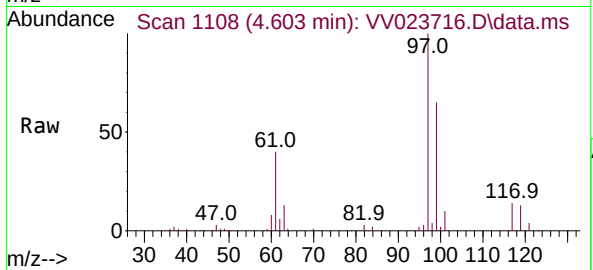
Tgt Ion: 97 Resp: 102503

Ion Ratio Lower Upper

97 100

99 64.9 51.9 77.9

61 41.8 33.2 49.8



#30

Cyclohexane

Concen: 5.593 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VV023716.D

Acq: 26 Nov 2021 10:10

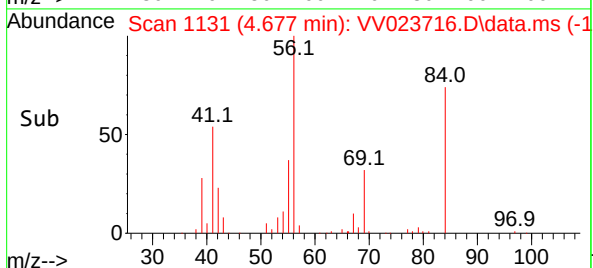
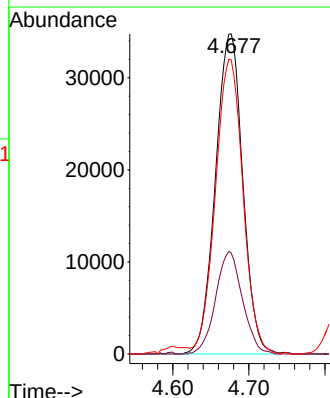
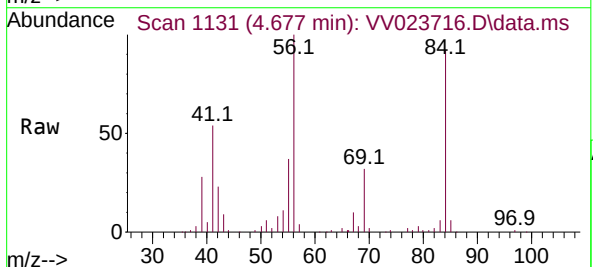
Tgt Ion: 56 Resp: 86785

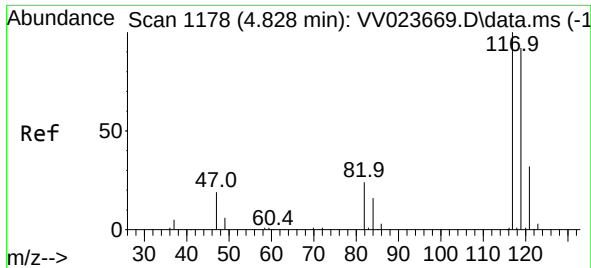
Ion Ratio Lower Upper

56 100

69 31.4 24.8 37.2

84 93.1 75.9 113.9

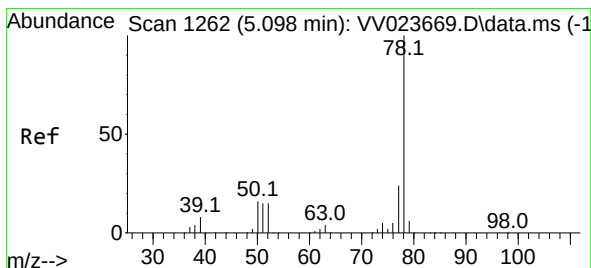
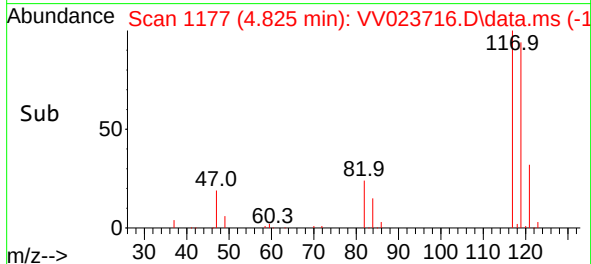
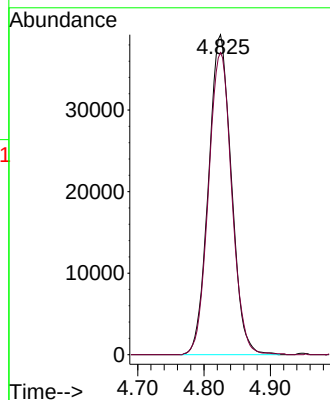
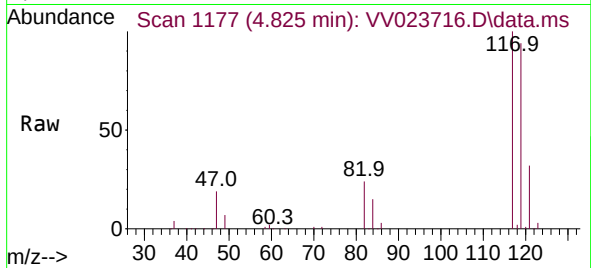




#31
Carbon tetrachloride
Concen: 5.528 ug/L
RT: 4.825 min Scan# 1178
Delta R.T. -0.000 min
Lab File: VV023716.D
Acq: 26 Nov 2021 10:10

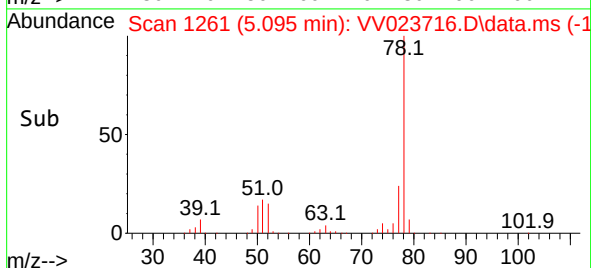
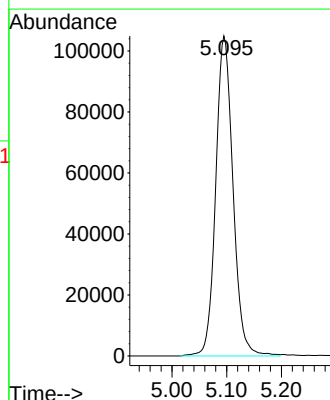
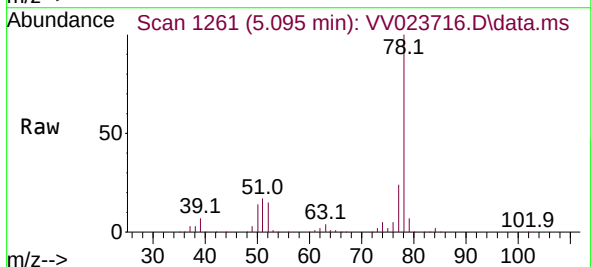
Instrument :
MSVOA_V
ClientSampleId :

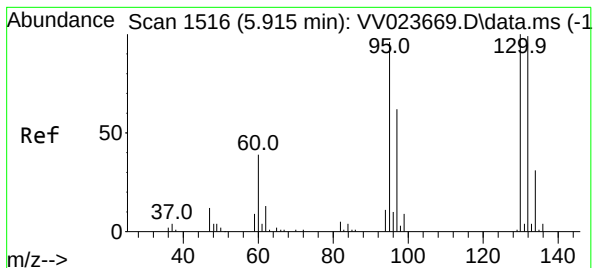
Tgt Ion:117 Resp: 94161
Ion Ratio Lower Upper
117 100
119 95.7 76.6 114.8



#33
Benzene
Concen: 5.679 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. -0.003 min
Lab File: VV023716.D
Acq: 26 Nov 2021 10:10

Tgt Ion: 78 Resp: 230377





#34

Trichloroethene

Concen: 5.551 ug/L

RT: 5.911 min Scan# 1515

Delta R.T. -0.000 min

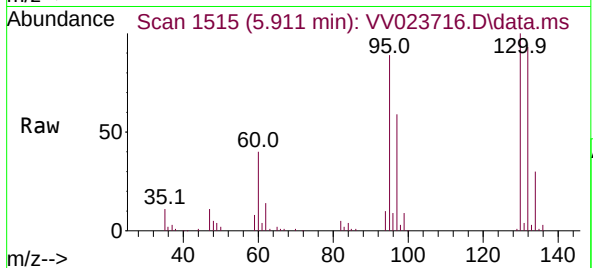
Lab File: VV023716.D

Acq: 26 Nov 2021 10:10

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 60315

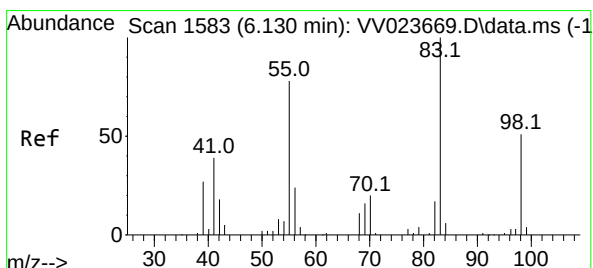
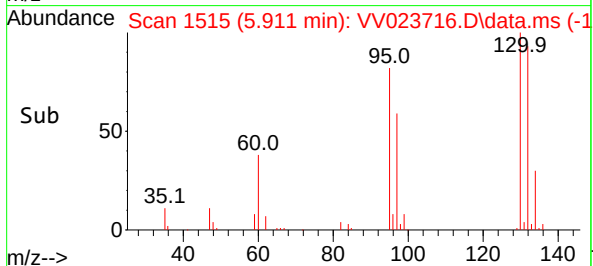
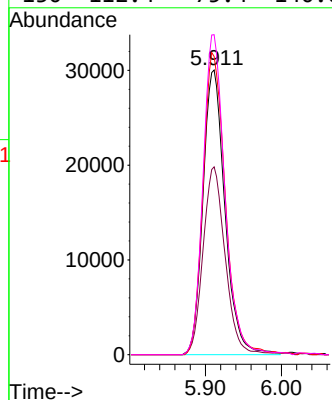
Ion Ratio Lower Upper

95 100

97 66.0 45.2 84.0

132 104.8 76.1 141.3

130 112.4 75.4 140.0



#35

Methylcyclohexane

Concen: 5.676 ug/L

RT: 6.127 min Scan# 1582

Delta R.T. -0.000 min

Lab File: VV023716.D

Acq: 26 Nov 2021 10:10

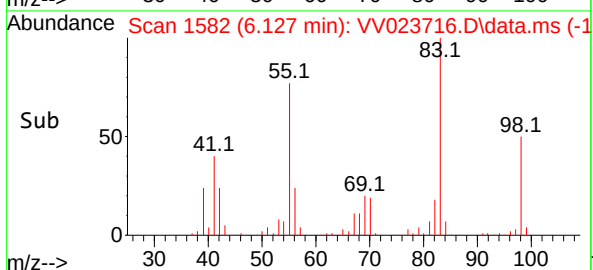
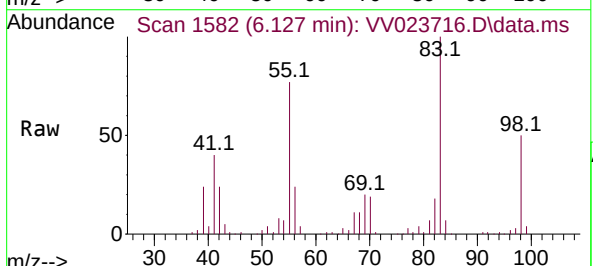
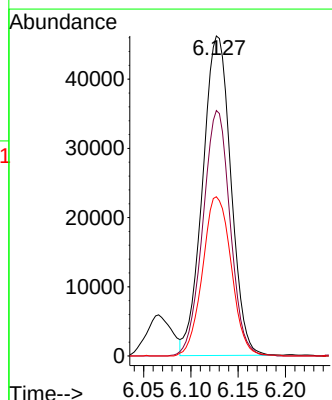
Tgt Ion: 83 Resp: 96157

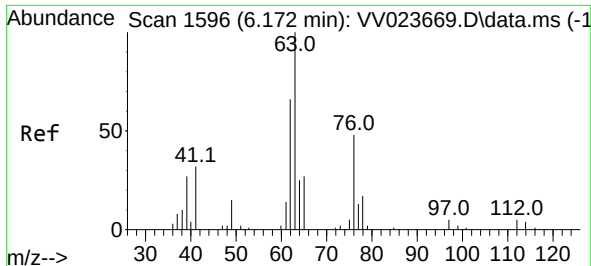
Ion Ratio Lower Upper

83 100

55 74.1 60.2 90.2

98 50.6 41.0 61.4





#37

1,2-Dichloropropane

Concen: 5.515 ug/L

RT: 6.169 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV023716.D

Acq: 26 Nov 2021 10:10

Instrument :

MSVOA_V

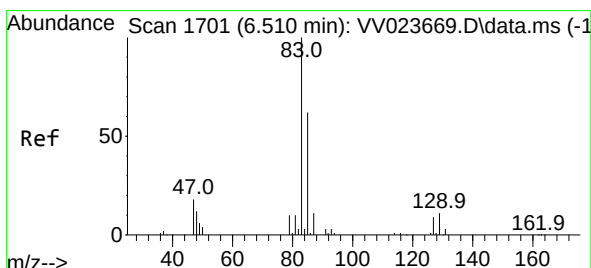
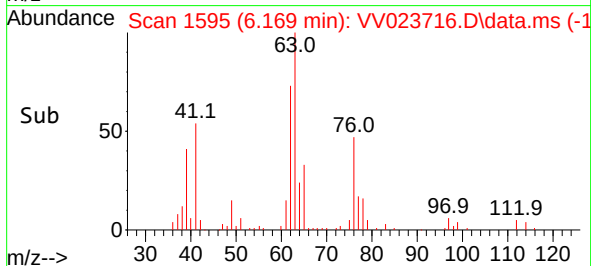
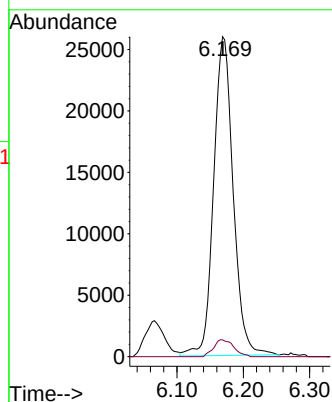
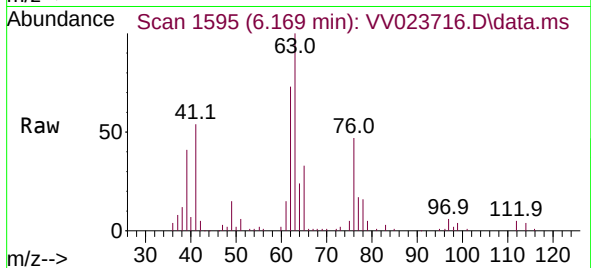
ClientSampleId :

Tgt Ion: 63 Resp: 53184

Ion Ratio Lower Upper

63 100

112 5.5 4.3 6.5



#38

Bromodichloromethane

Concen: 5.555 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VV023716.D

Acq: 26 Nov 2021 10:10

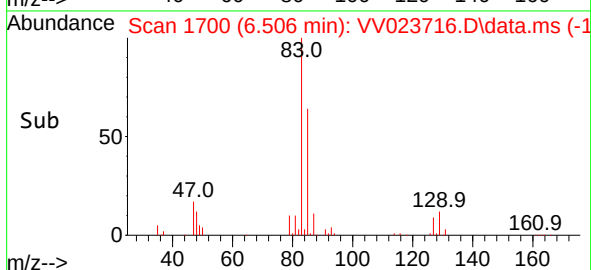
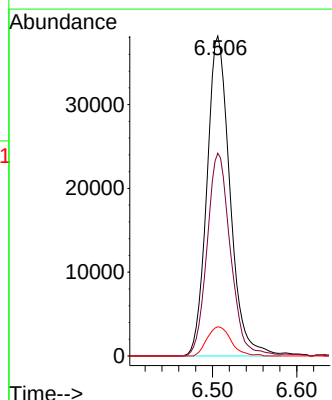
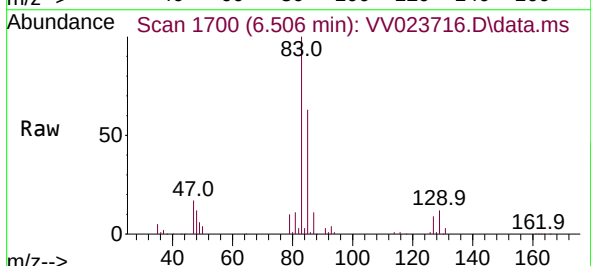
Tgt Ion: 83 Resp: 72695

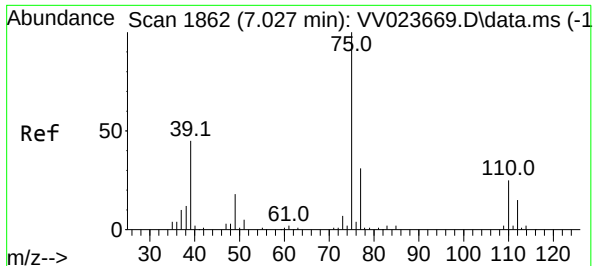
Ion Ratio Lower Upper

83 100

85 63.3 44.0 81.8

127 9.1 8.6 12.8





#39

cis-1,3-Dichloropropene

Concen: 5.689 ug/L

RT: 7.024 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV023716.D

Acq: 26 Nov 2021 10:10

Instrument :

MSVOA_V

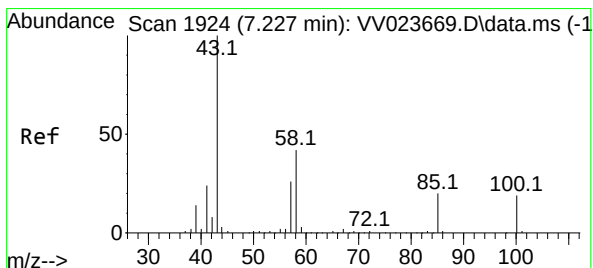
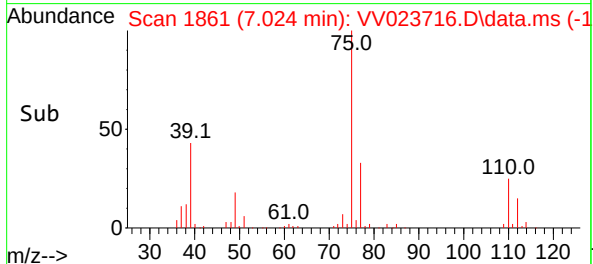
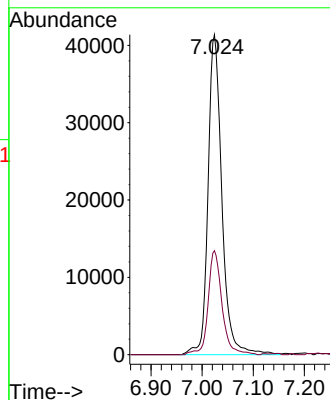
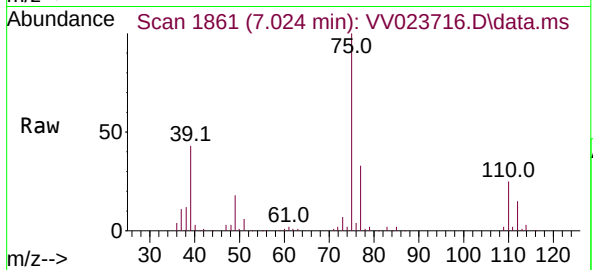
ClientSampleId :

Tgt Ion: 75 Resp: 78060

Ion Ratio Lower Upper

75 100

77 32.5 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 57.216 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. -0.003 min

Lab File: VV023716.D

Acq: 26 Nov 2021 10:10

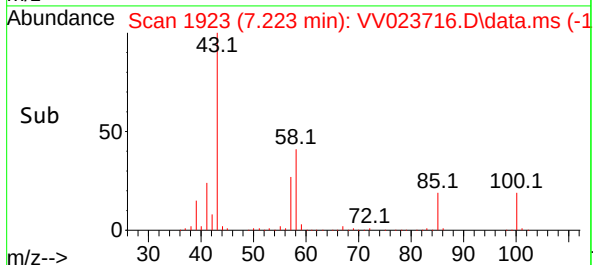
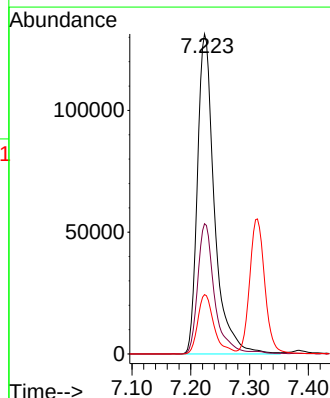
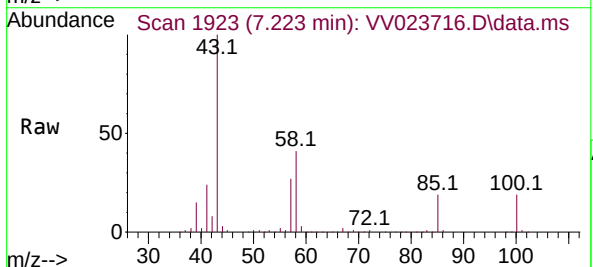
Tgt Ion: 43 Resp: 263359

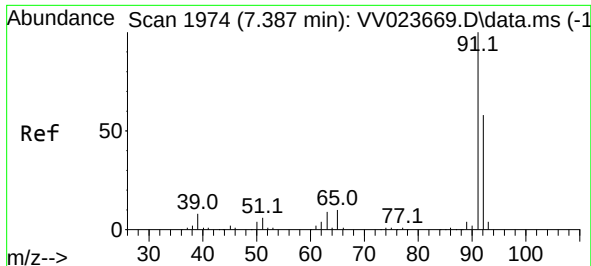
Ion Ratio Lower Upper

43 100

58 40.2 32.3 48.5

100 17.8 13.0 19.6





#42

Toluene

Concen: 5.854 ug/L

RT: 7.384 min Scan# 1974

Delta R.T. -0.000 min

Lab File: VV023716.D

Acq: 26 Nov 2021 10:10

Instrument :

MSVOA_V

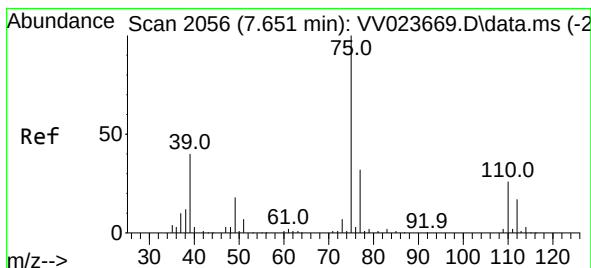
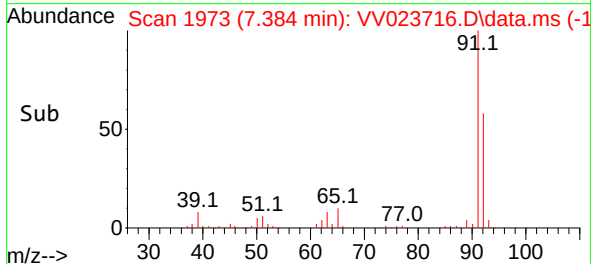
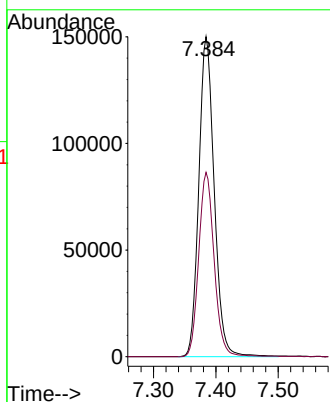
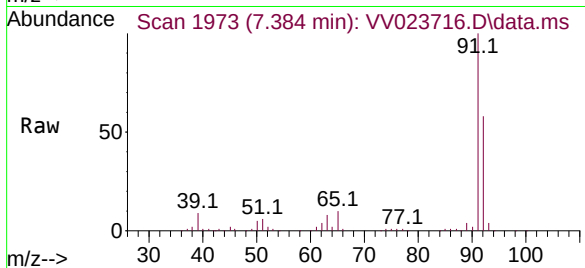
ClientSampleId :

Tgt Ion: 91 Resp: 257524

Ion Ratio Lower Upper

91 100

92 57.6 41.5 77.1



#44

trans-1,3-Dichloropropene

Concen: 5.692 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. -0.000 min

Lab File: VV023716.D

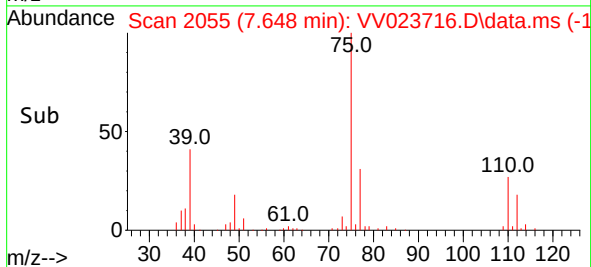
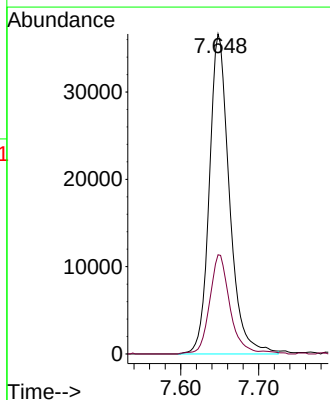
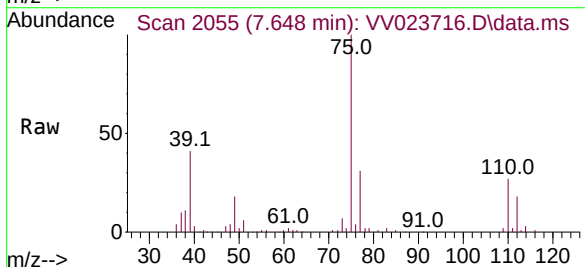
Acq: 26 Nov 2021 10:10

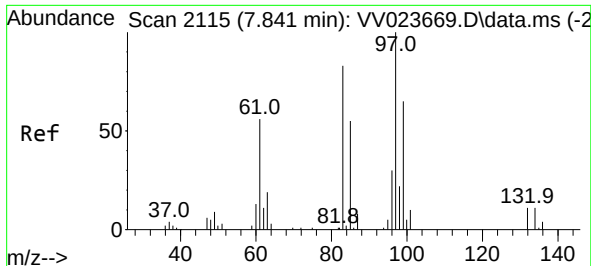
Tgt Ion: 75 Resp: 65649

Ion Ratio Lower Upper

75 100

77 31.0 21.8 40.4

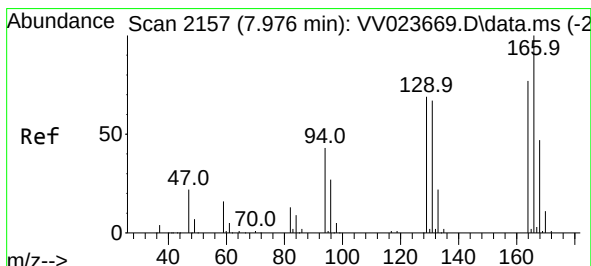
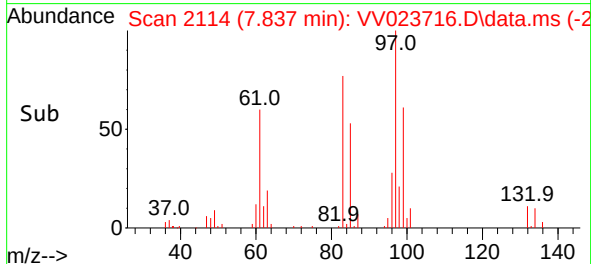
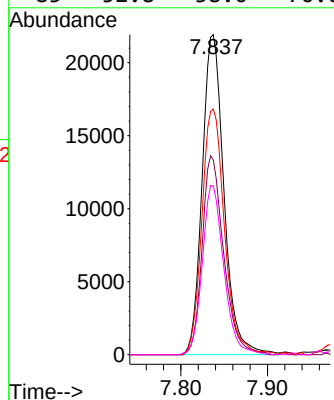
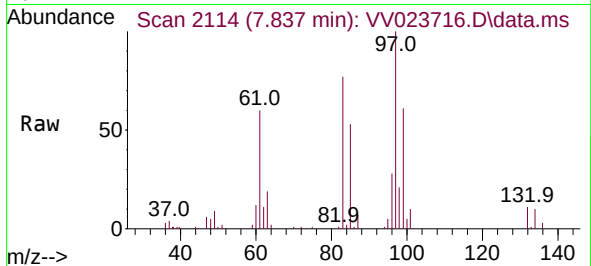




#45
1,1,2-Trichloroethane
Concen: 5.744 ug/L
RT: 7.837 min Scan# 2114
Delta R.T. -0.000 min
Lab File: VV023716.D
Acq: 26 Nov 2021 10:10

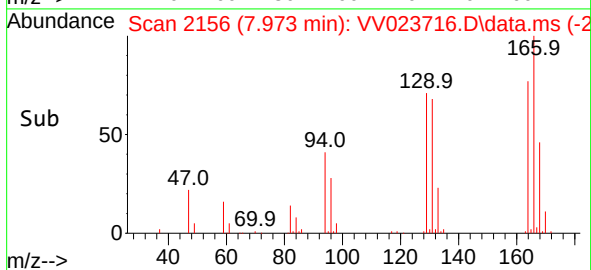
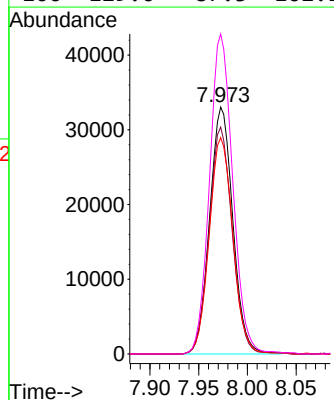
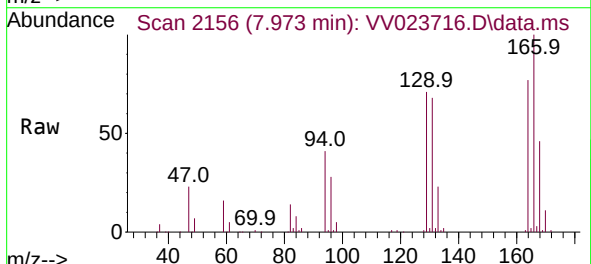
Instrument :
MSVOA_V
ClientSampleId :

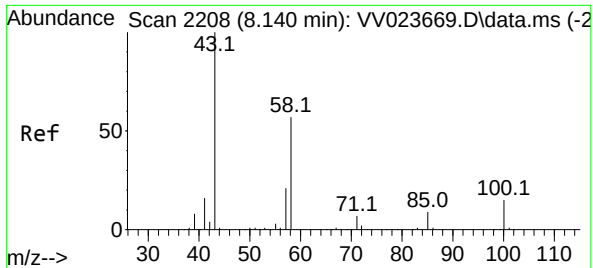
Tgt Ion: 97	Resp: 38351
Ion Ratio	Lower Upper
97 100	
99 60.9	43.1 80.1
83 76.8	57.9 107.5
85 52.8	38.0 70.6



#47
Tetrachloroethene
Concen: 5.527 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. -0.000 min
Lab File: VV023716.D
Acq: 26 Nov 2021 10:10

Tgt Ion: 164	Resp: 54669
Ion Ratio	Lower Upper
164 100	
129 91.9	62.6 116.2
131 87.6	61.0 113.4
166 129.6	87.3 162.1

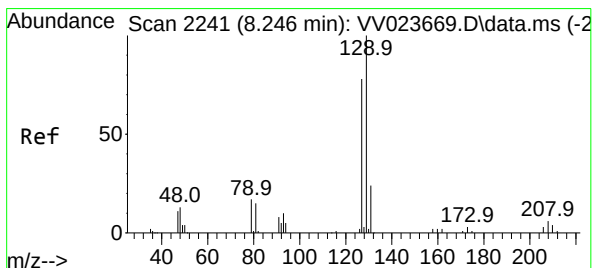
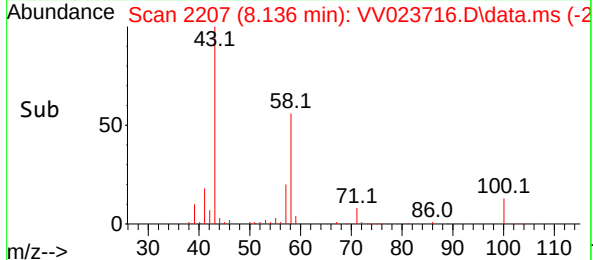
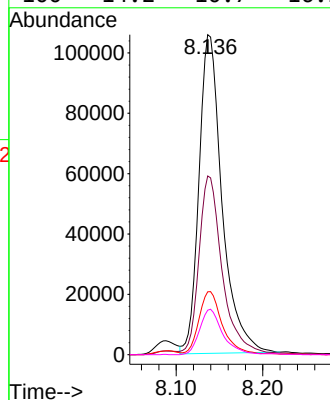
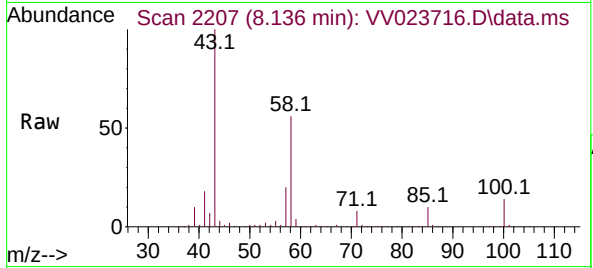




#48
2-Hexanone
Concen: 57.566 ug/L
RT: 8.136 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV023716.D
Acq: 26 Nov 2021 10:10

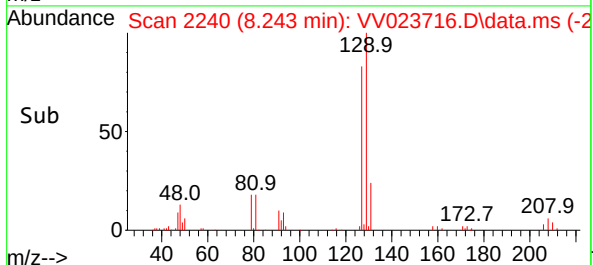
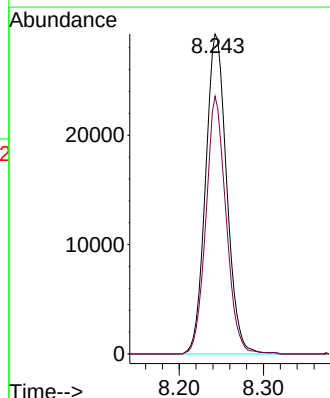
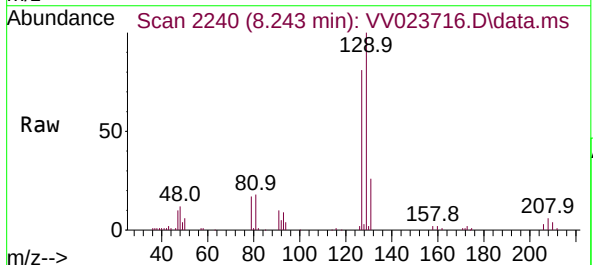
Instrument :
MSVOA_V
ClientSampleId :

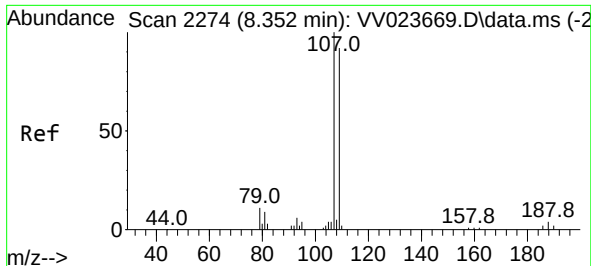
Tgt Ion: 43 Resp: 195843
Ion Ratio Lower Upper
43 100
58 56.5 44.5 66.7
57 19.6 15.1 22.7
100 14.2 10.7 16.1



#49
Dibromochloromethane
Concen: 5.580 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. -0.000 min
Lab File: VV023716.D
Acq: 26 Nov 2021 10:10

Tgt Ion:129 Resp: 51050
Ion Ratio Lower Upper
129 100
127 80.6 53.5 99.3





#50

1,2-Dibromoethane

Concen: 5.580 ug/L

RT: 8.352 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV023716.D

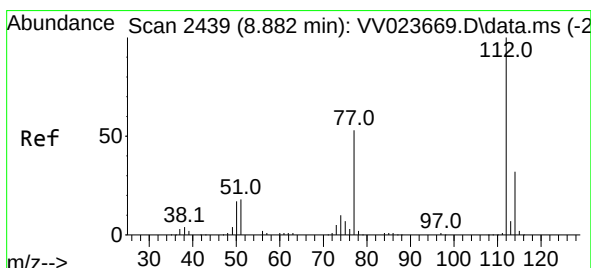
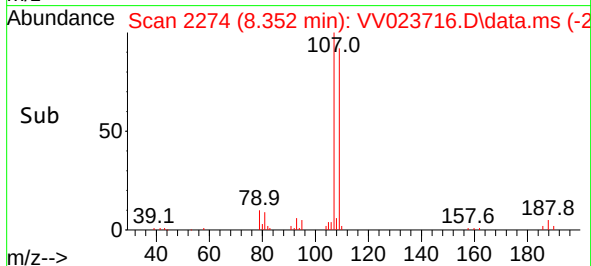
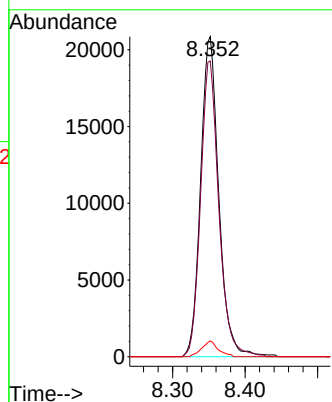
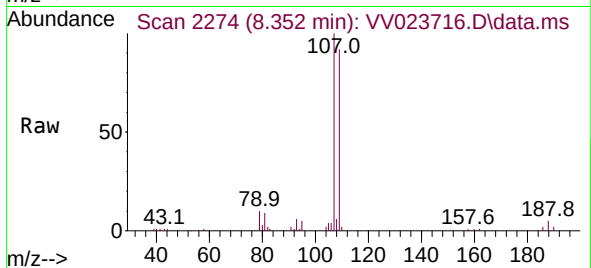
Acq: 26 Nov 2021 10:10

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	36325
Ion Ratio	Lower	Upper
107	100	
109	92.4	62.5 116.1
188	4.9	3.4 5.2



#51

Chlorobenzene

Concen: 5.607 ug/L

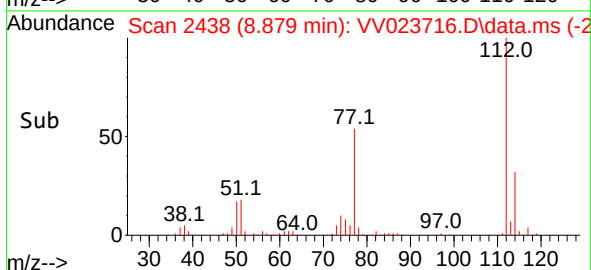
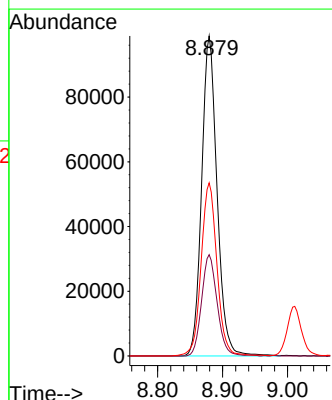
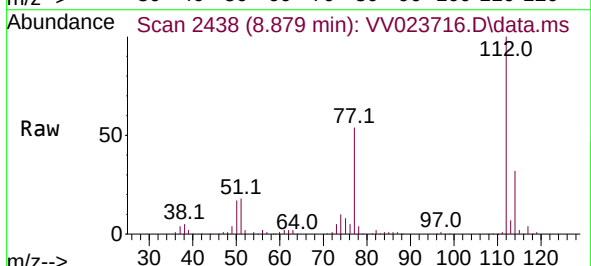
RT: 8.879 min Scan# 2438

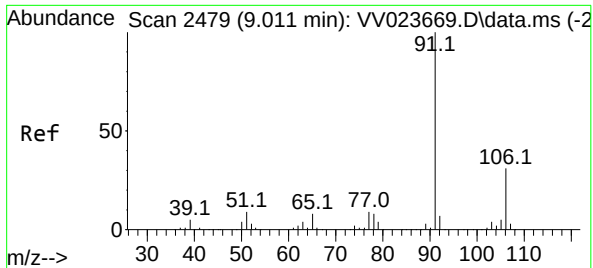
Delta R.T. -0.000 min

Lab File: VV023716.D

Acq: 26 Nov 2021 10:10

Tgt Ion:112	Resp:	163521
Ion Ratio	Lower	Upper
112	100	
114	31.7	23.3 43.3
77	54.1	43.3 64.9

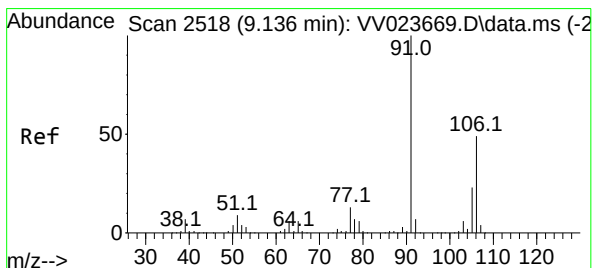
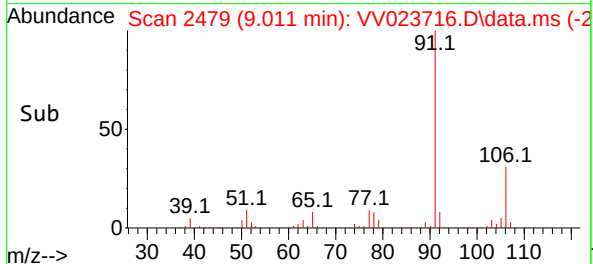
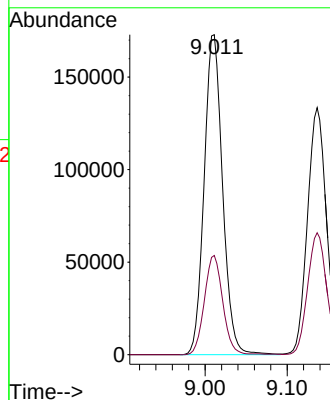
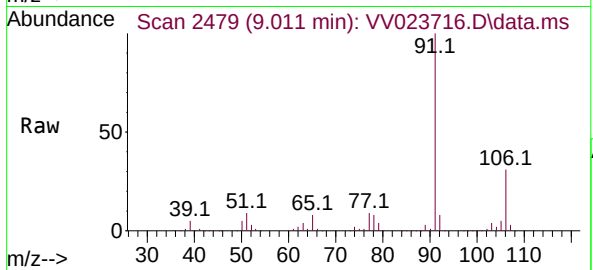




#52
Ethylbenzene
Concen: 5.869 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. -0.000 min
Lab File: VV023716.D
Acq: 26 Nov 2021 10:10

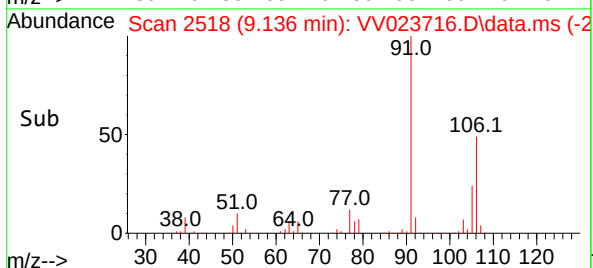
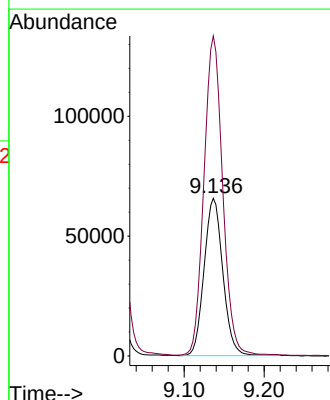
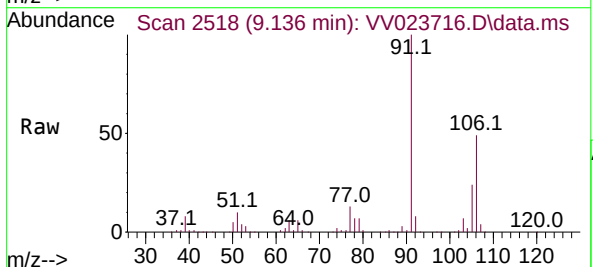
Instrument :
MSVOA_V
ClientSampleId :

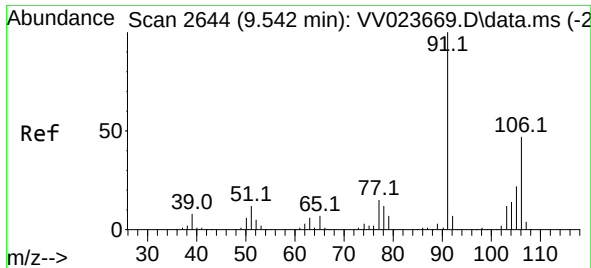
Tgt Ion: 91 Resp: 269890
Ion Ratio Lower Upper
91 100
106 31.0 22.0 41.0



#53
m,p-xylene
Concen: 5.851 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. -0.000 min
Lab File: VV023716.D
Acq: 26 Nov 2021 10:10

Tgt Ion: 106 Resp: 107080
Ion Ratio Lower Upper
106 100
91 202.7 139.5 259.1

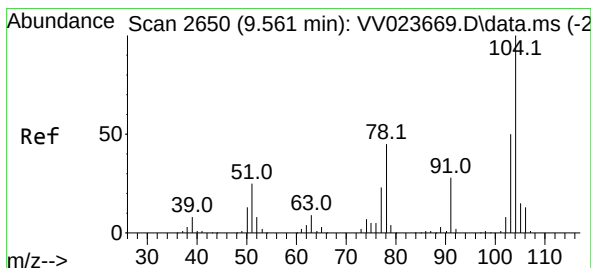
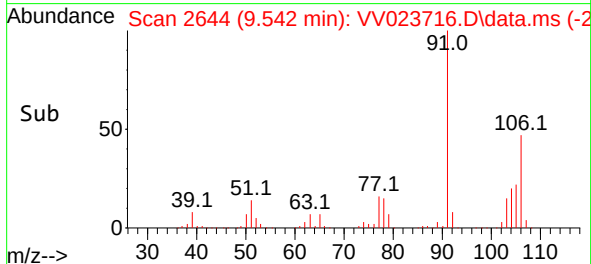
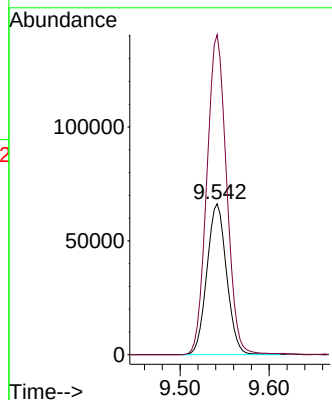
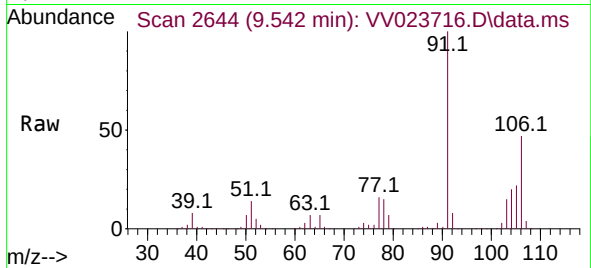




#54
o-xylene
Concen: 5.848 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV023716.D
Acq: 26 Nov 2021 10:10

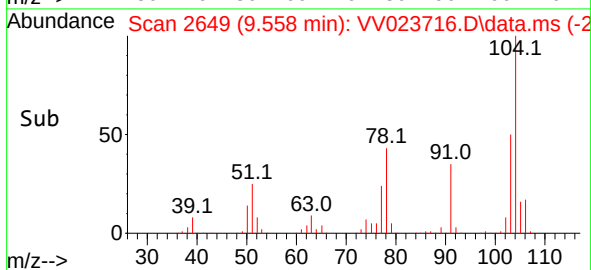
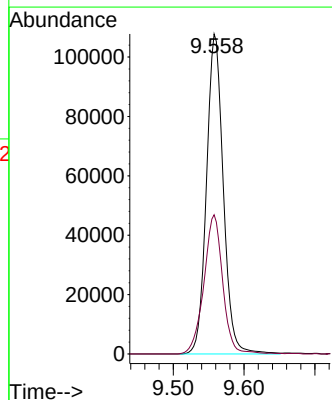
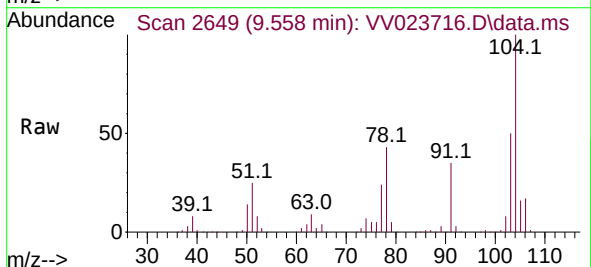
Instrument :
MSVOA_V
ClientSampleId :

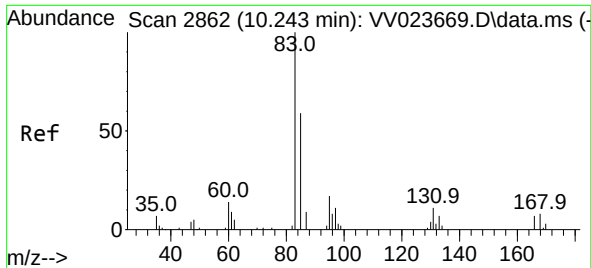
Tgt Ion:106 Resp: 101778
Ion Ratio Lower Upper
106 100
91 212.1 147.9 274.7



#55
Styrene
Concen: 6.054 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.000 min
Lab File: VV023716.D
Acq: 26 Nov 2021 10:10

Tgt Ion:104 Resp: 177538
Ion Ratio Lower Upper
104 100
78 43.5 31.0 57.6





#57

1,1,2,2-Tetrachloroethane

Concen: 5.601 ug/L

RT: 10.239 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV023716.D

Acq: 26 Nov 2021 10:10

Instrument :

MSVOA_V

ClientSampleId :

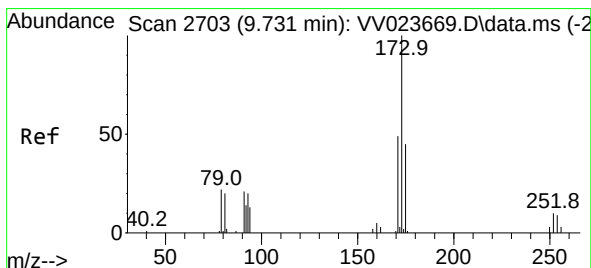
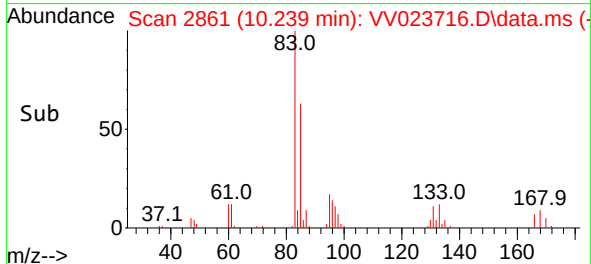
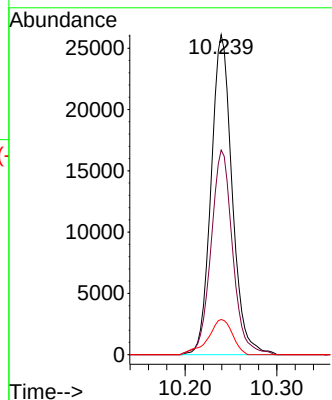
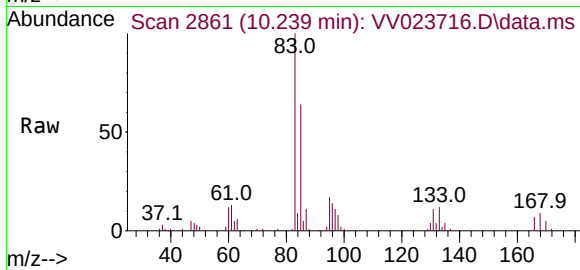
Tgt Ion: 83 Resp: 41606

Ion Ratio Lower Upper

83 100

85 64.0 44.6 82.8

131 11.0 8.3 12.5



#59

Bromoform

Concen: 5.383 ug/L

RT: 9.728 min Scan# 2702

Delta R.T. -0.003 min

Lab File: VV023716.D

Acq: 26 Nov 2021 10:10

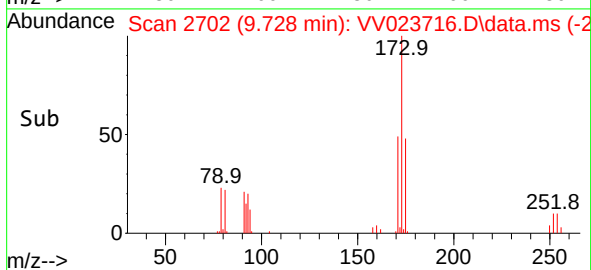
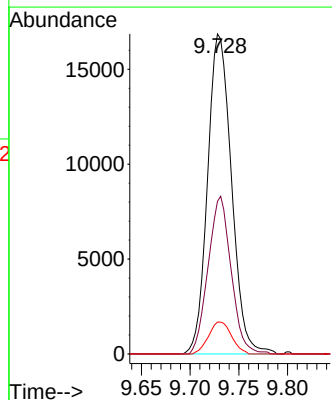
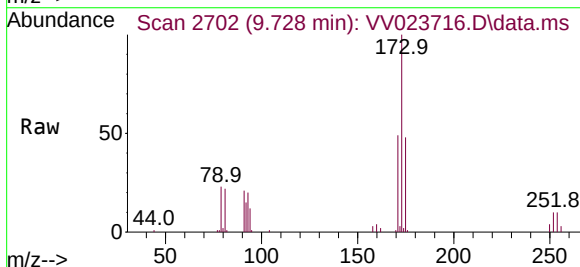
Tgt Ion: 173 Resp: 28822

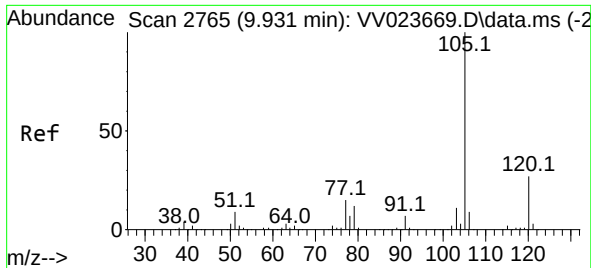
Ion Ratio Lower Upper

173 100

175 47.3 39.4 59.2

254 9.6 7.4 11.0

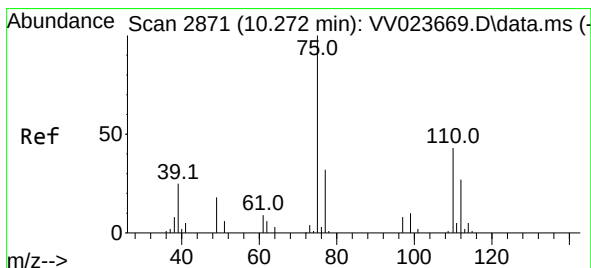
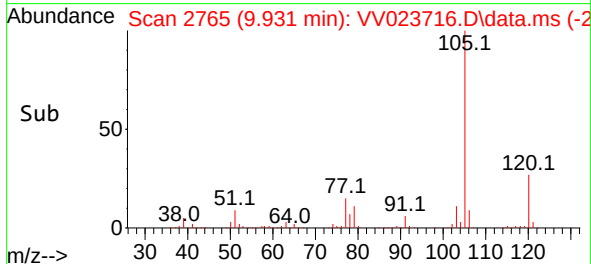
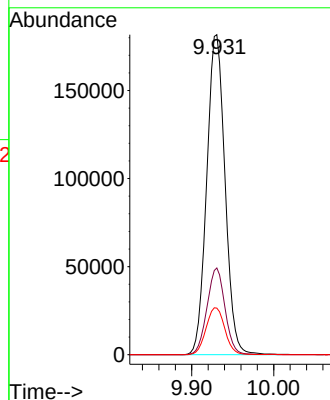
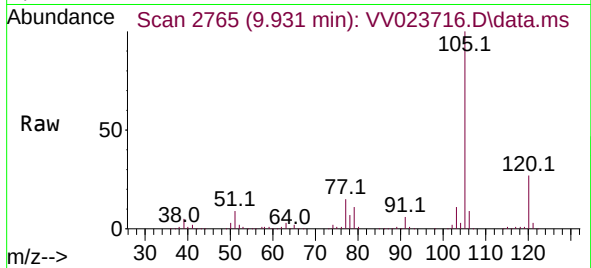




#60
Isopropylbenzene
Concen: 5.814 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. -0.000 min
Lab File: VV023716.D
Acq: 26 Nov 2021 10:10

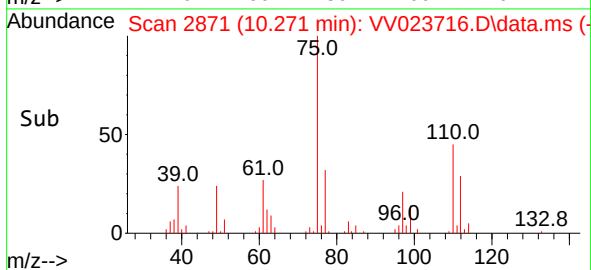
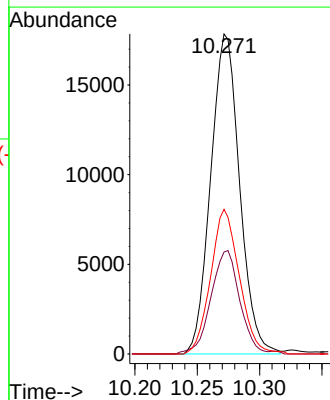
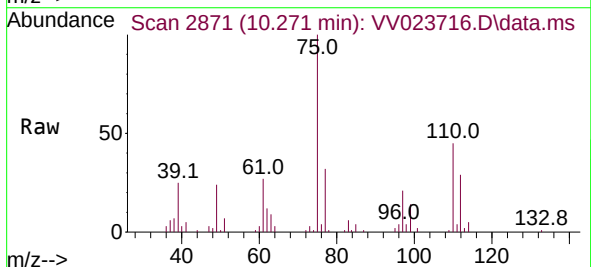
Instrument :
MSVOA_V
ClientSampleId :

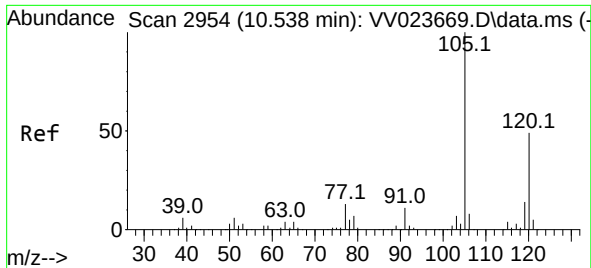
Tgt Ion:105 Resp: 281430
Ion Ratio Lower Upper
105 100
120 26.6 21.4 32.0
77 15.1 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 5.014 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV023716.D
Acq: 26 Nov 2021 10:10

Tgt Ion: 75 Resp: 28830
Ion Ratio Lower Upper
75 100
77 32.0 26.4 39.6
110 44.9 34.2 51.2

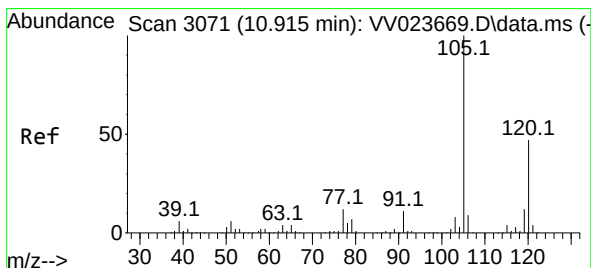
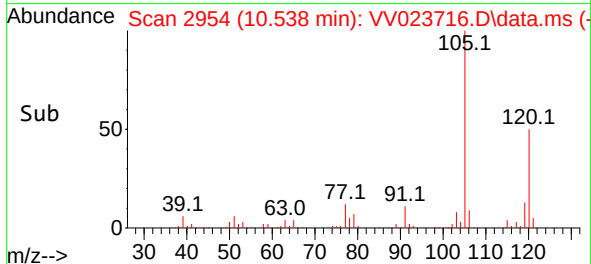
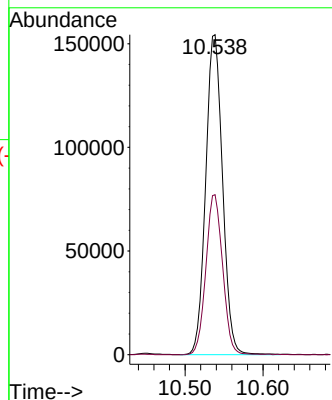
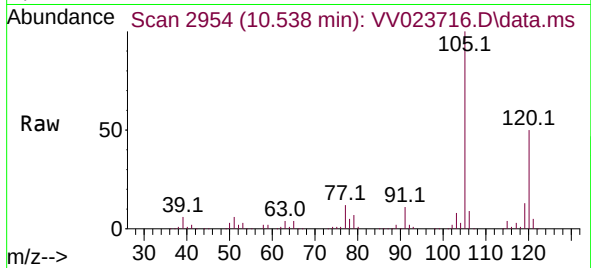




#62
1,3,5-Trimethylbenzene
Concen: 5.765 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. -0.000 min
Lab File: VV023716.D
Acq: 26 Nov 2021 10:10

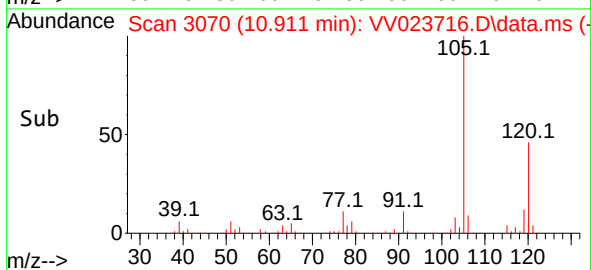
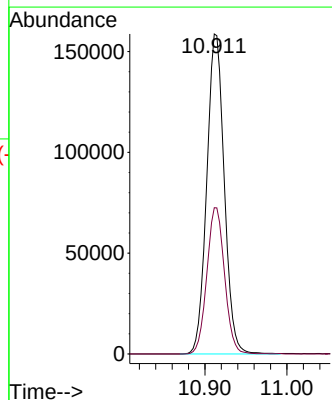
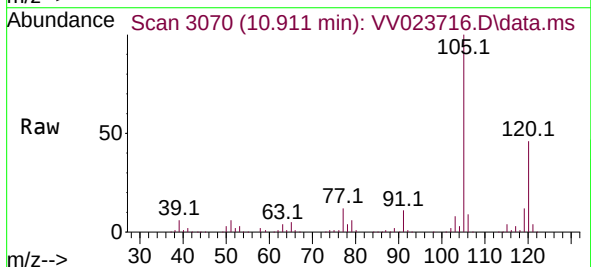
Instrument :
MSVOA_V
ClientSampleId :

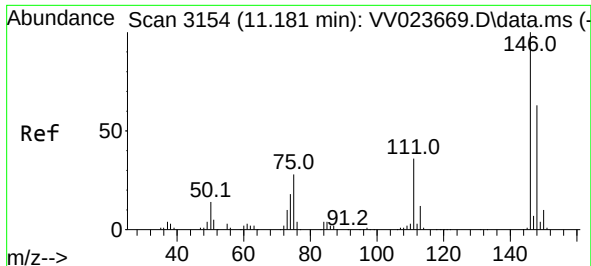
Tgt Ion:105 Resp: 232224
Ion Ratio Lower Upper
105 100
120 49.6 40.1 60.1



#63
1,2,4-Trimethylbenzene
Concen: 5.901 ug/L
RT: 10.911 min Scan# 3070
Delta R.T. -0.000 min
Lab File: VV023716.D
Acq: 26 Nov 2021 10:10

Tgt Ion:105 Resp: 235044
Ion Ratio Lower Upper
105 100
120 46.2 36.7 55.1

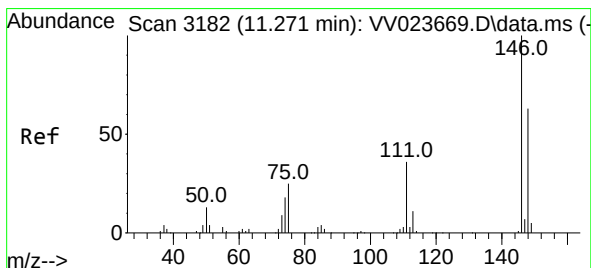
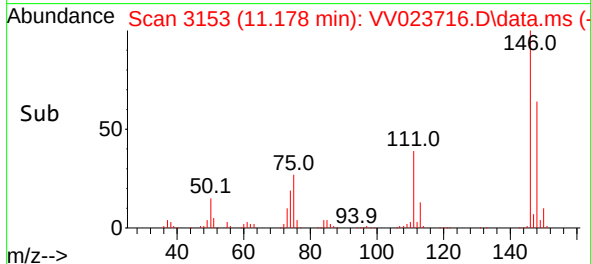
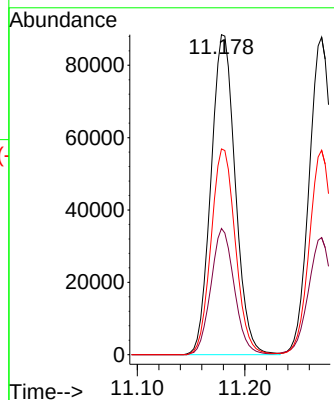
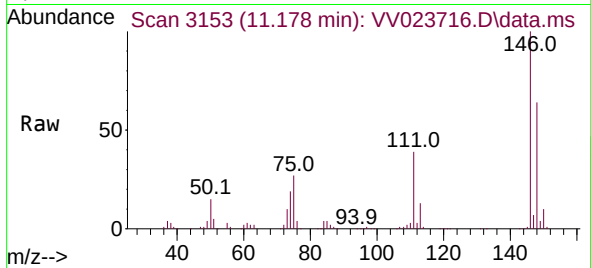




#64
1,3-Dichlorobenzene
Concen: 5.612 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VV023716.D
Acq: 26 Nov 2021 10:10

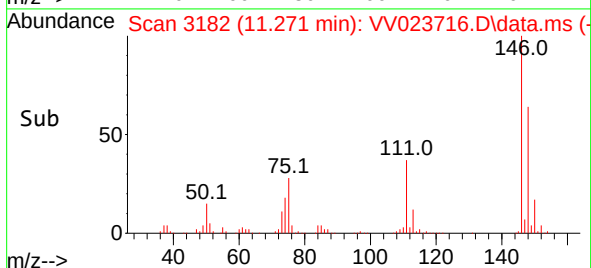
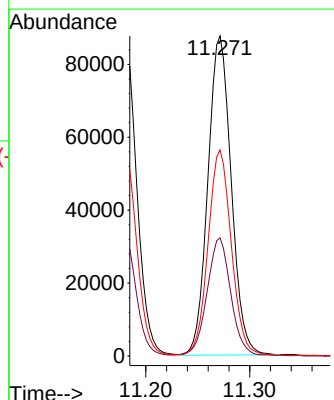
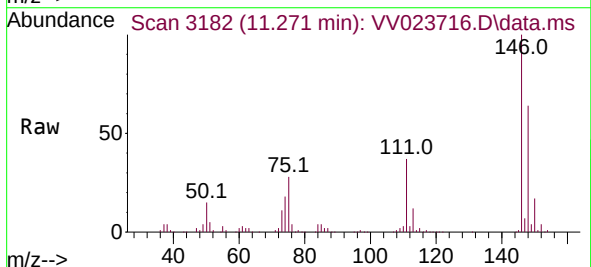
Instrument :
MSVOA_V
ClientSampleId :

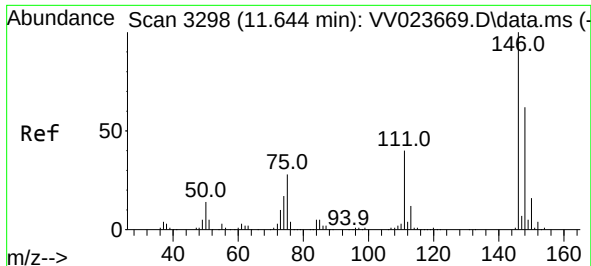
Tgt Ion:146 Resp: 138896
Ion Ratio Lower Upper
146 100
111 39.5 26.3 48.9
148 64.3 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 5.490 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV023716.D
Acq: 26 Nov 2021 10:10

Tgt Ion:146 Resp: 136576
Ion Ratio Lower Upper
146 100
111 36.9 25.6 47.6
148 64.4 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 5.508 ug/L

RT: 11.641 min Scan# 3298

Delta R.T. -0.000 min

Lab File: VV023716.D

Acq: 26 Nov 2021 10:10

Instrument :

MSVOA_V

ClientSampleId :

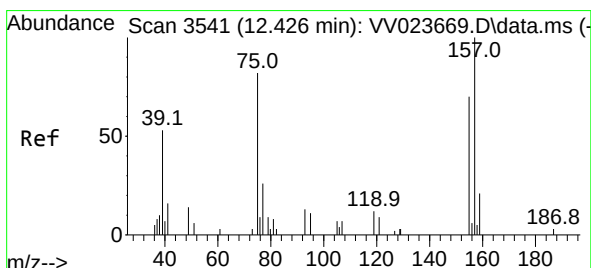
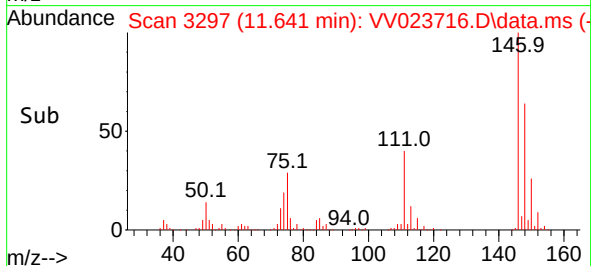
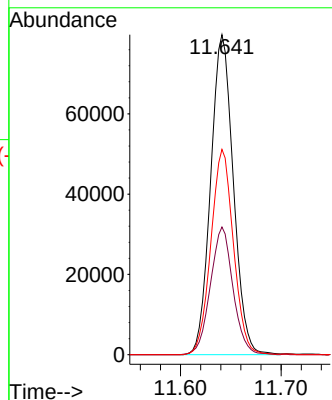
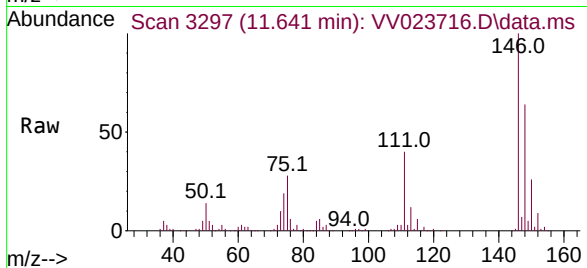
Tgt Ion:146 Resp: 124754

Ion Ratio Lower Upper

146 100

111 39.9 31.9 47.9

148 64.2 50.5 75.7



#68

1,2-Dibromo-3-chloropropane

Concen: 5.385 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. -0.003 min

Lab File: VV023716.D

Acq: 26 Nov 2021 10:10

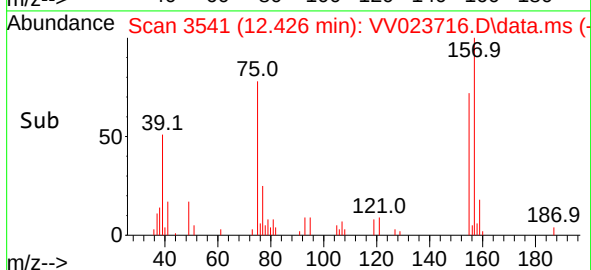
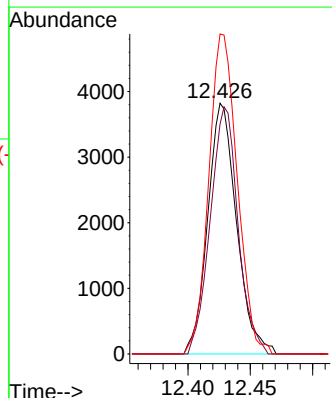
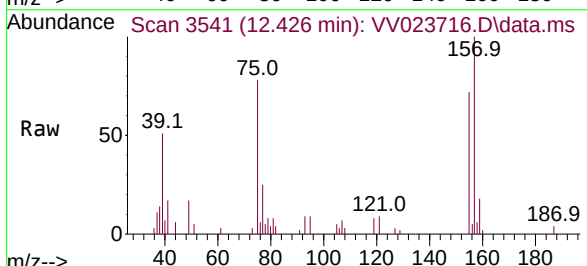
Tgt Ion: 75 Resp: 6149

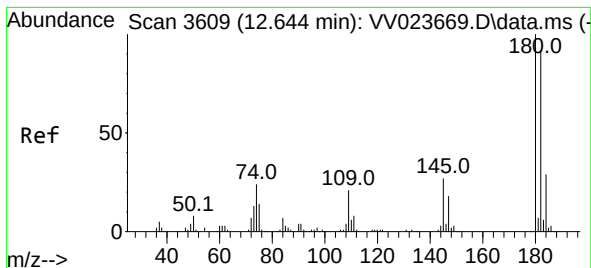
Ion Ratio Lower Upper

75 100

155 91.6 71.7 107.5

157 127.6 103.3 154.9





#69

1,3,5-Trichlorobenzene

Concen: 5.613 ug/L

RT: 12.644 min Scan# 3609

Delta R.T. -0.000 min

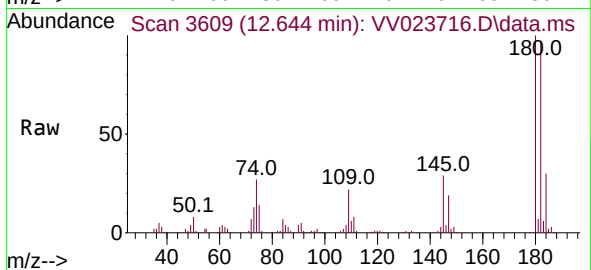
Lab File: VV023716.D

Acq: 26 Nov 2021 10:10

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 108452

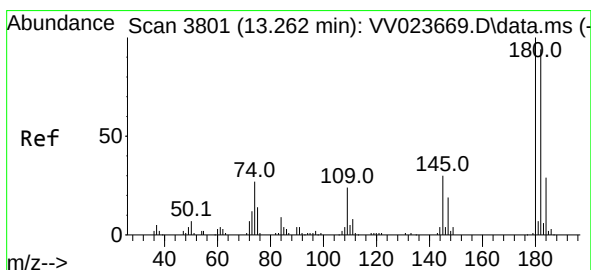
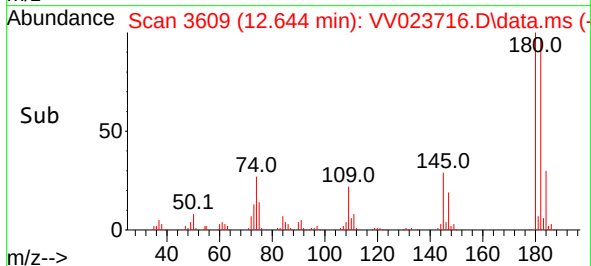
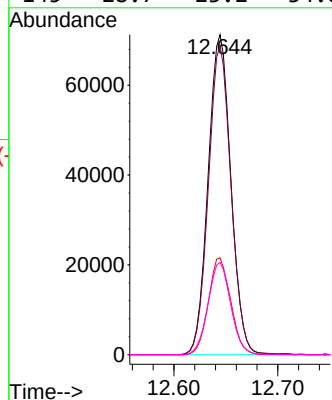
Ion Ratio Lower Upper

180 100

182 95.9 76.4 114.6

184 29.6 24.2 36.4

145 28.7 23.2 34.8



#70

1,2,4-trichlorobenzene

Concen: 5.541 ug/L

RT: 13.262 min Scan# 3801

Delta R.T. -0.000 min

Lab File: VV023716.D

Acq: 26 Nov 2021 10:10

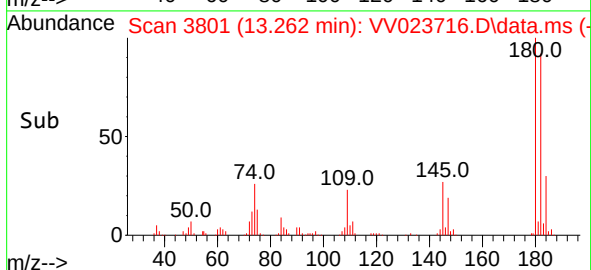
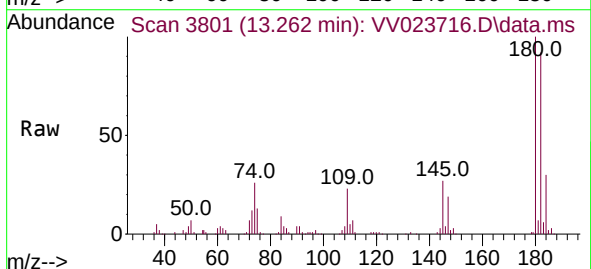
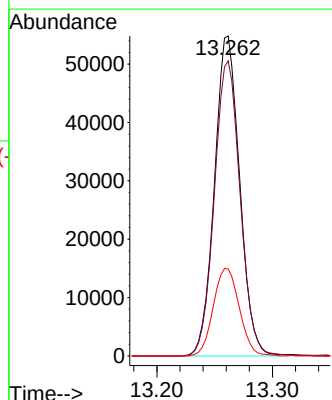
Tgt Ion:180 Resp: 83079

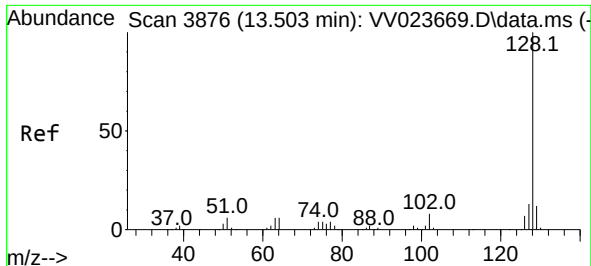
Ion Ratio Lower Upper

180 100

182 94.5 74.4 111.6

145 28.2 23.3 34.9

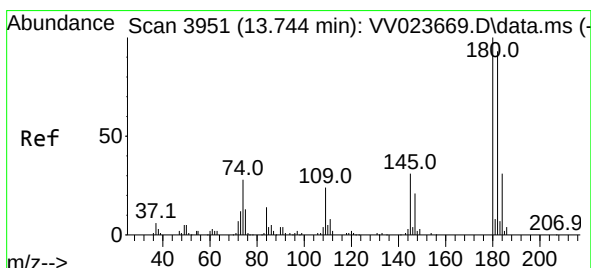
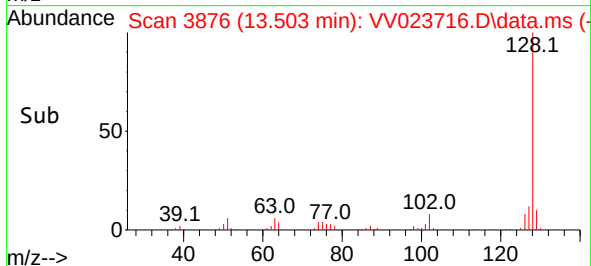
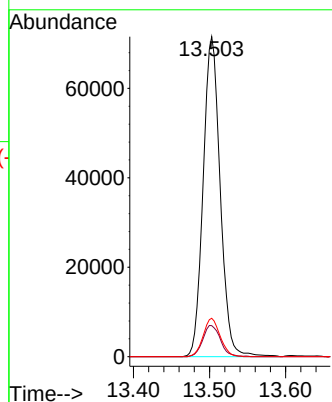
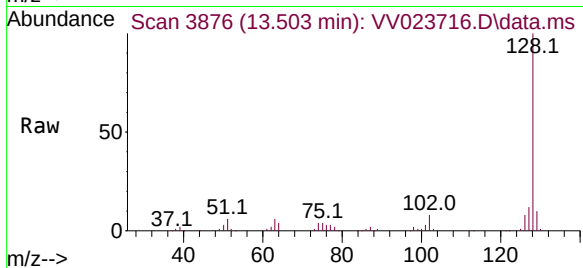




#71
Naphthalene
Concen: 5.532 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. -0.000 min
Lab File: VV023716.D
Acq: 26 Nov 2021 10:10

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 111618
Ion Ratio Lower Upper
128 100
129 10.1 9.0 13.4
127 11.9 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.518 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. -0.000 min
Lab File: VV023716.D
Acq: 26 Nov 2021 10:10

Tgt Ion:180 Resp: 71692
Ion Ratio Lower Upper
180 100
182 95.6 76.8 115.2
145 31.5 25.8 38.6

