

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW122023\
 Data File : VW033518.D
 Acq On : 20 Dec 2023 17:37
 Operator : SY/MD
 Sample : 05927-12
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 21 01:49:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM121523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 21 01:43:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.574	114	118	50.000	ug/L	# 0.04
28) Chlorobenzene-d5	8.802	117	418	50.000	ug/L	# 0.02
58) 1,4-Dichlorobenzene-d4	11.201	152	907	50.000	ug/L	# 0.02
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	281	309.231	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 618.460%#	
7) Chloroethane-d5	1.535	69	100	122.626	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 245.260%#	
11) 1,1-Dichloroethene-d2	2.060	65	143	316.127	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 632.260%#	
21) 2-Butanone-d5	3.783	46	62	135.378	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 135.380%#	
24) Chloroform-d	4.268	84	67	37.274	ug/L	0.02
Spiked Amount	50.000	Range	70 - 125	Recovery	= 74.540%	
26) 1,2-Dichloroethane-d4	4.944	65	94	85.128	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 170.260%#	
32) Benzene-d6	4.986	84	98	8.705	ug/L	0.03
Spiked Amount	50.000	Range	70 - 125	Recovery	= 17.400%#	
36) 1,2-Dichloropropane-d6	6.027	67	75	21.950	ug/L	0.04
Spiked Amount	50.000	Range	70 - 120	Recovery	= 43.900%#	
41) Toluene-d8	7.272	98	326	31.646	ug/L	0.03
Spiked Amount	50.000	Range	80 - 120	Recovery	= 63.300%#	
43) trans-1,3-Dichloroprop...	7.632	79	41	24.484	ug/L	0.08
Spiked Amount	50.000	Range	60 - 125	Recovery	= 48.960%#	
47) 2-Hexanone-d5	7.989	63	47	40.897	ug/L	-0.03
Spiked Amount	100.000	Range	45 - 130	Recovery	= 40.900%#	
56) 1,1,2,2-Tetrachloroeth...	10.143	84	70	14.254	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 28.500%#	
66) 1,2-Dichlorobenzene-d4	11.574	152	810	47.524	ug/L	0.01
Spiked Amount	50.000	Range	80 - 120	Recovery	= 95.040%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.378	85	20	20.630	ug/L	# 1
3) Chloromethane	1.169	50	325	364.138	ug/L	# 88
5) Vinyl chloride	1.285	62	363	379.389	ug/L	# 48
6) Bromomethane	1.690	94	41	59.863	ug/L	# 85
8) Chloroethane	1.597	64	196	303.438	ug/L	# 92
9) Trichlorofluoromethane	1.889	101	43	25.629	ug/L	# 59
10) 1,1,2-Trichloro-1,2,2-...	2.098	101	43	43.930	ug/L	# 46
12) 1,1-Dichloroethene	2.069	96	70	84.182	ug/L	# 78
13) Acetone	2.114	43	759	1427.740	ug/L	# 60
14) Carbon disulfide	2.240	76	168	79.061	ug/L	# 29
15) Methyl Acetate	2.371	43	108	142.250	ug/L	# 49
16) Methylene chloride	2.445	84	73	78.604	ug/L	# 40
17) trans-1,2-Dichloroethene	2.680	96	48	61.071	ug/L	# 1
18) Methyl tert-butyl Ether	2.719	73	63	26.395	ug/L	# 1
19) 1,1-Dichloroethane	3.101	63	93	61.737	ug/L	# 51
20) cis-1,2-Dichloroethene	3.828	96	2069	2321.730	ug/L	# 84
22) 2-Butanone	3.957	43	115	219.571	ug/L	# 77
23) Bromochloromethane	4.378	128	45	92.126	ug/L	# 1
25) Chloroform	4.336	83	41	24.185	ug/L	# 17

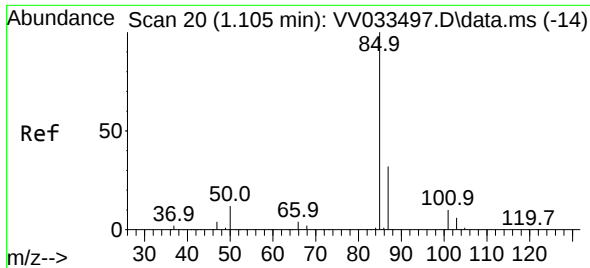
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW122023\
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 QLast Update : Thu Dec 21 01:43:54 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	62	47.446	ug/L #	73
29) Cyclohexane	4.580	56	125	33.179	ug/L #	17
30) 1,1,1-Trichloroethane	4.474	97	42	8.138	ug/L #	1
33) Benzene	5.034	78	193	17.323	ug/L	100
34) Trichloroethene	5.847	95	132	43.186	ug/L #	69
35) Methylcyclohexane	6.130	83	41	9.352	ug/L #	37
37) 1,2-Dichloropropane	5.966	63	97	32.104	ug/L #	86
38) Bromodichloromethane	6.532	83	68	15.637	ug/L #	25
39) cis-1,3-Dichloropropene	7.140	75	72	16.380	ug/L #	43
40) 4-Methyl-2-pentanone	7.149	43	110	34.115	ug/L #	1
44) trans-1,3-Dichloropropene	7.603	75	46	10.429	ug/L #	43
46) Tetrachloroethene	7.902	164	160	66.992	ug/L	85
48) 2-Hexanone	8.063	43	166	61.726	ug/L #	67
49) Dibromochloromethane	7.908	129	235	70.570	ug/L #	11
51) Chlorobenzene	8.831	112	769	90.363	ug/L #	85
52) Ethylbenzene	8.972	91	241	18.326	ug/L #	44
53) m,p-Xylene	9.021	106	68	13.763	ug/L #	1
55) Styrene	9.275	104	44	5.197	ug/L #	33
57) 1,1,2,2-Tetrachloroethane	10.107	83	65	13.439	ug/L #	51
60) Isopropylbenzene	10.419	105	41	0.796	ug/L #	1
61) 1,2,3-Trichloropropane	10.201	75	46	3.164	ug/L #	1
62) 1,3,5-Trimethylbenzene	10.419	105	41	1.050	ug/L #	15
63) 1,2,4-Trimethylbenzene	11.304	105	42	1.036	ug/L #	31
64) 1,3-Dichlorobenzene	11.217	146	142	5.305	ug/L #	51
65) 1,4-Dichlorobenzene	11.217	146	142	4.929	ug/L #	52
67) 1,2-Dichlorobenzene	11.590	146	445	15.971	ug/L #	54
69) 1,3,5-Trichlorobenzene	13.210	180	95	5.132	ug/L #	61
70) 1,2,4-trichlorobenzene	13.210	180	95	5.870	ug/L #	65
71) Naphthalene	13.471	128	247	5.673	ug/L #	69

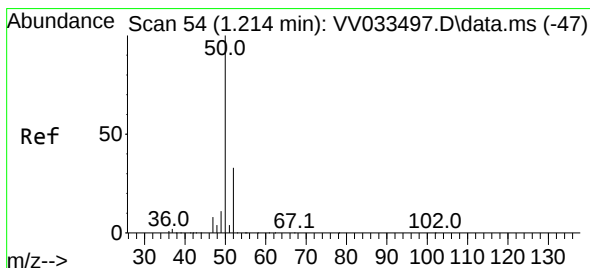
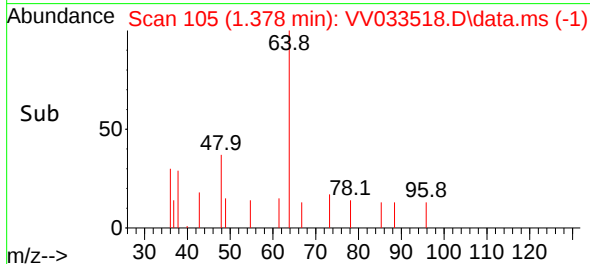
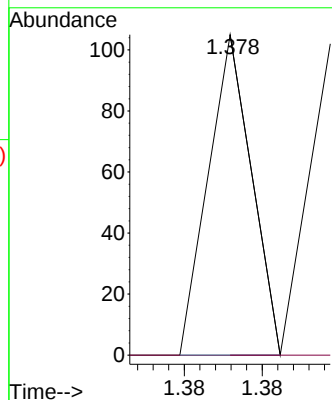
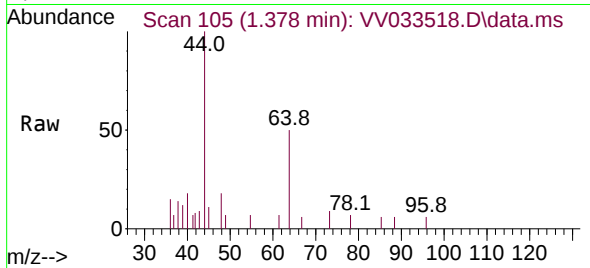
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 20.630 ug/L
 RT: 1.378 min Scan# 10
 Delta R.T. 0.273 min
 Lab File: VV033518.D
 Acq: 20 Dec 2023 17:37

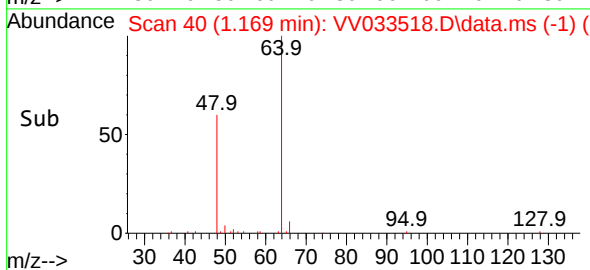
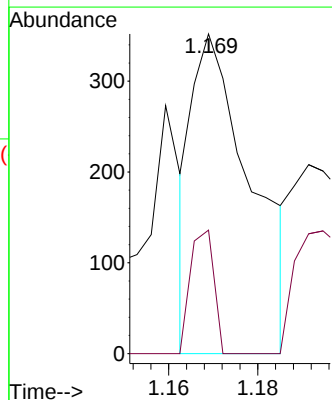
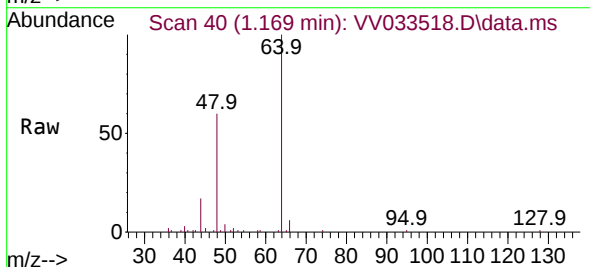
Instrument :
 MSVOA_V
 ClientSampleId :

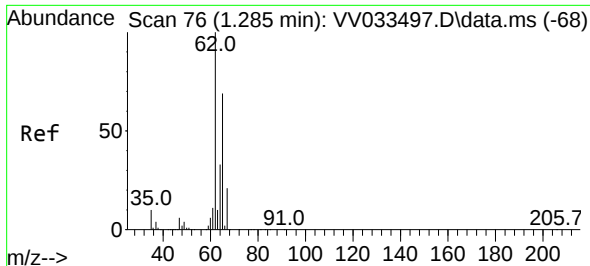
Tgt Ion: 85 Resp: 20
 Ion Ratio Lower Upper
 85 100
 87 215.0 26.6 39.8#



#3
 Chloromethane
 Concen: 364.138 ug/L
 RT: 1.169 min Scan# 40
 Delta R.T. -0.045 min
 Lab File: VV033518.D
 Acq: 20 Dec 2023 17:37

Tgt Ion: 50 Resp: 325
 Ion Ratio Lower Upper
 50 100
 52 38.6 22.3 41.5



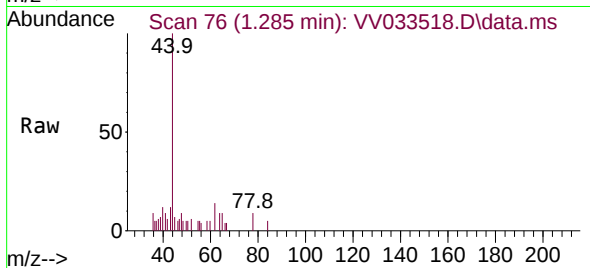


#5
 Vinyl chloride
 Concen: 379.389 ug/L
 RT: 1.285 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: VV033518.D
 Acq: 20 Dec 2023 17:37

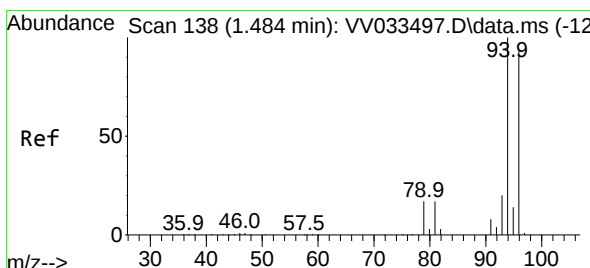
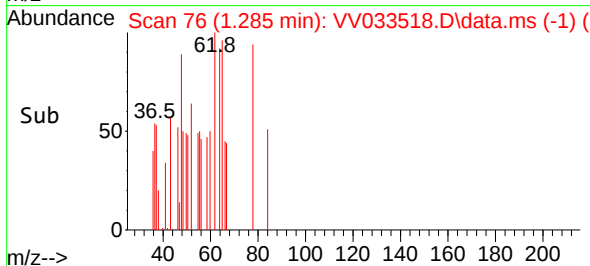
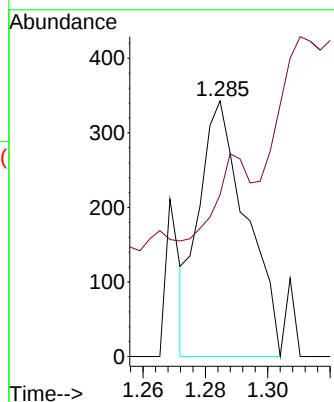
Instrument :

MSVOA_V

ClientSampleId :

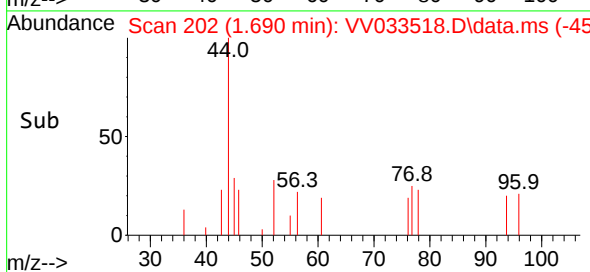
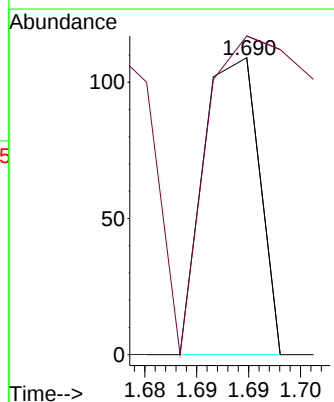
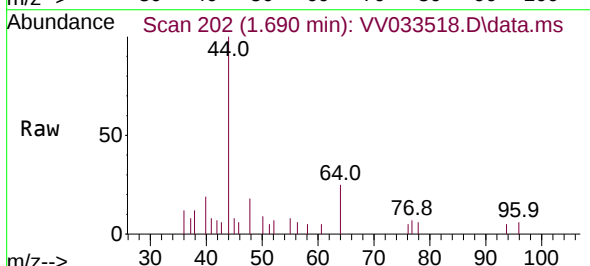


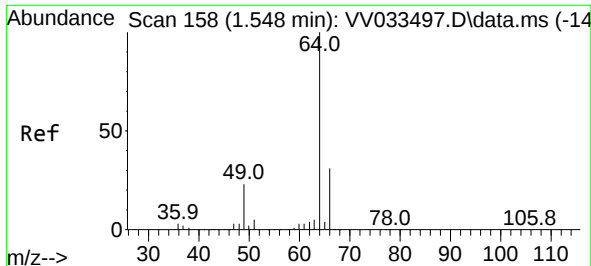
Tgt Ion: 62 Resp: 363
 Ion Ratio Lower Upper
 62 100
 64 63.3 23.4 43.6#



#6
 Bromomethane
 Concen: 59.863 ug/L
 RT: 1.690 min Scan# 202
 Delta R.T. 0.206 min
 Lab File: VV033518.D
 Acq: 20 Dec 2023 17:37

Tgt Ion: 94 Resp: 41
 Ion Ratio Lower Upper
 94 100
 96 107.3 65.1 120.9

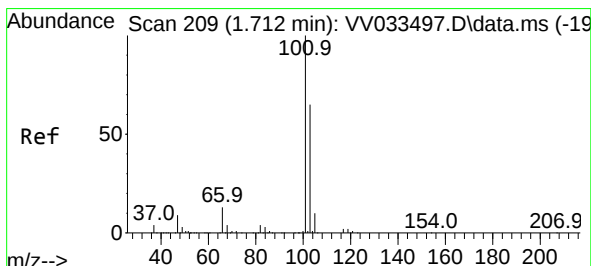
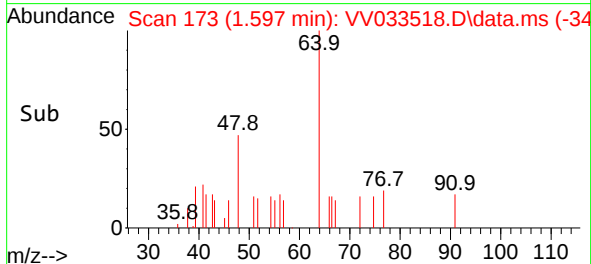
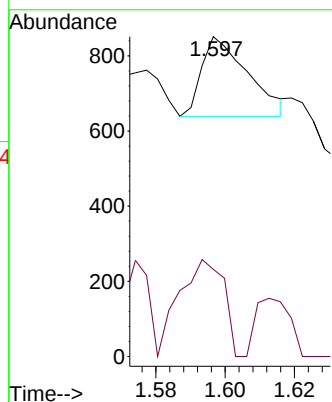
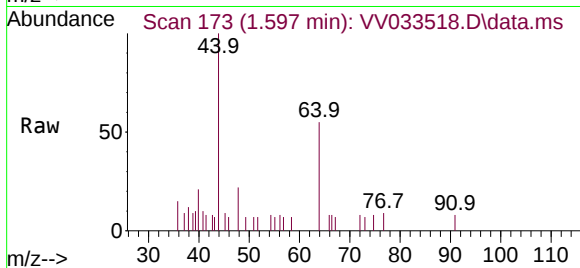




#8
Chloroethane
Concen: 303.438 ug/L
RT: 1.597 min Scan# 11
Delta R.T. 0.048 min
Lab File: VV033518.D
Acq: 20 Dec 2023 17:37

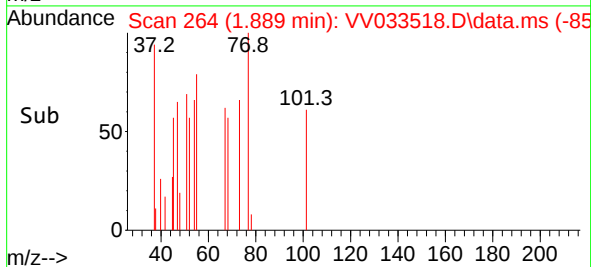
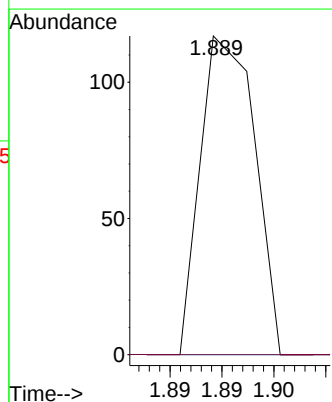
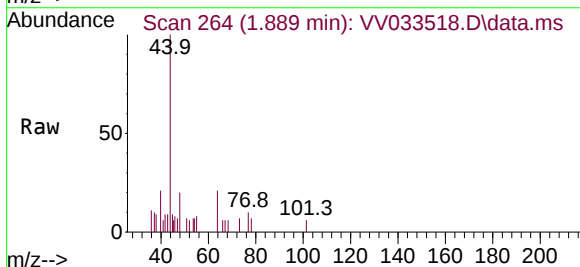
Instrument :
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ClientSampleId :

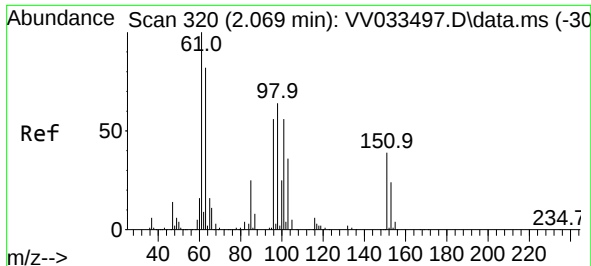
Tgt Ion: 64 Resp: 196
Ion Ratio Lower Upper
64 100
66 27.3 22.1 41.1



#9
Trichlorofluoromethane
Concen: 25.629 ug/L
RT: 1.889 min Scan# 264
Delta R.T. 0.177 min
Lab File: VV033518.D
Acq: 20 Dec 2023 17:37

Tgt Ion:101 Resp: 43
Ion Ratio Lower Upper
101 100
103 97.7 52.2 78.4#





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 43.930 ug/L

RT: 2.098 min Scan# 31

Delta R.T. 0.029 min

Lab File: VV033518.D

Acq: 20 Dec 2023 17:37

Instrument :

MSVOA_V

ClientSampleId :

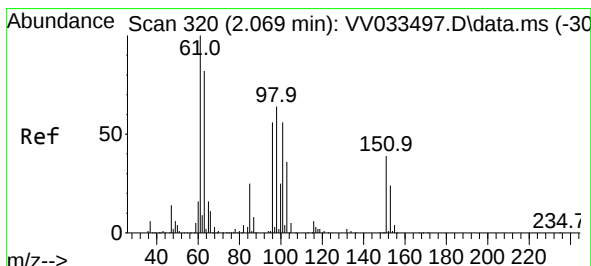
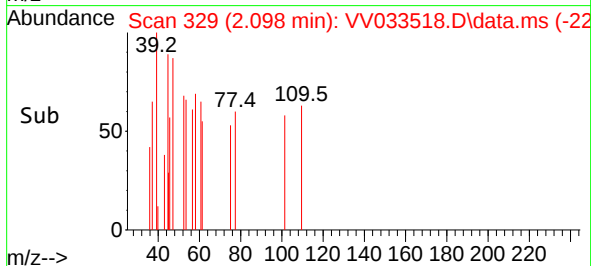
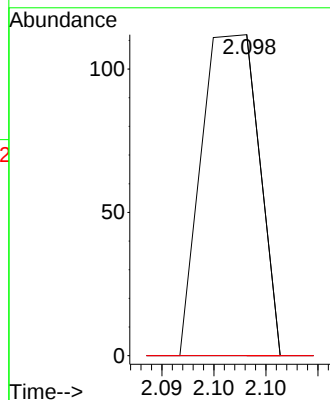
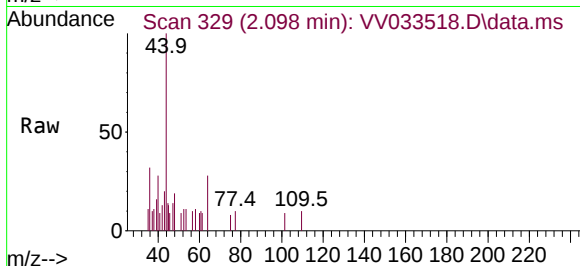
Tgt Ion:101 Resp: 43

Ion Ratio Lower Upper

101 100

85 48.8 36.6 54.8

151 0.0 57.0 85.6#



#12

1,1-Dichloroethene

Concen: 84.182 ug/L

RT: 2.069 min Scan# 320

Delta R.T. -0.000 min

Lab File: VV033518.D

Acq: 20 Dec 2023 17:37

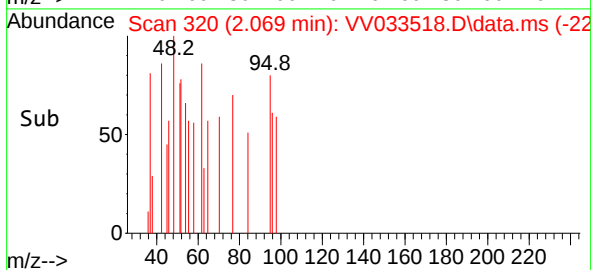
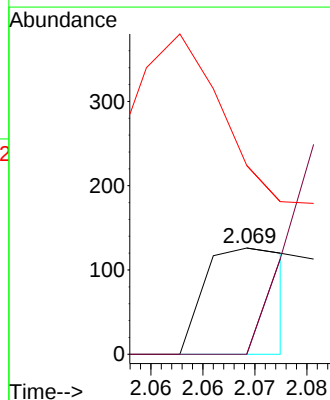
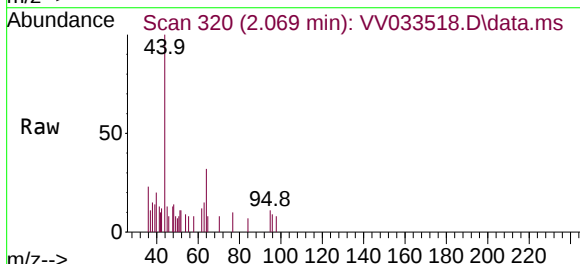
Tgt Ion: 96 Resp: 70

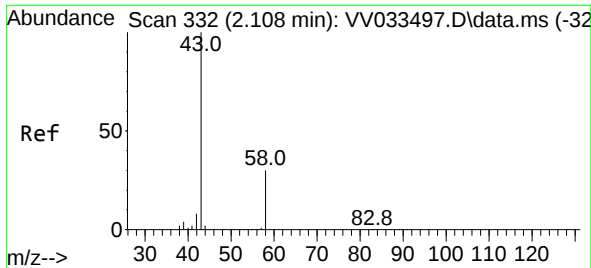
Ion Ratio Lower Upper

96 100

61 140.5 124.3 230.8

63 177.8 108.1 200.7





#13

Acetone

Concen: 1427.740 ug/L

RT: 2.114 min Scan# 31

Delta R.T. 0.006 min

Lab File: VV033518.D

Acq: 20 Dec 2023 17:37

Instrument :

MSVOA_V

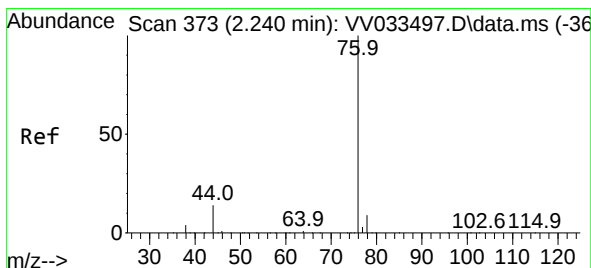
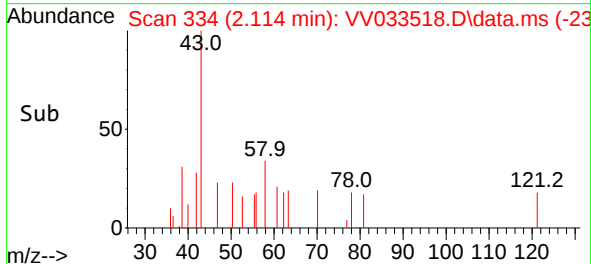
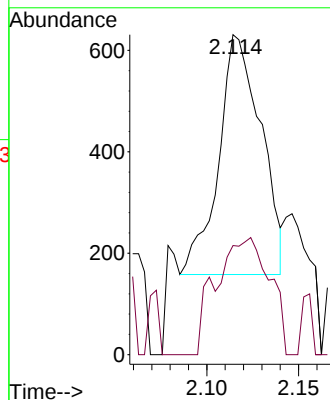
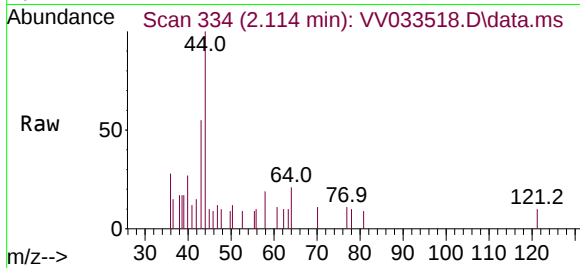
ClientSampleId :

Tgt Ion: 43 Resp: 759

Ion Ratio Lower Upper

43 100

58 51.1 0.0 59.2



#14

Carbon disulfide

Concen: 79.061 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.000 min

Lab File: VV033518.D

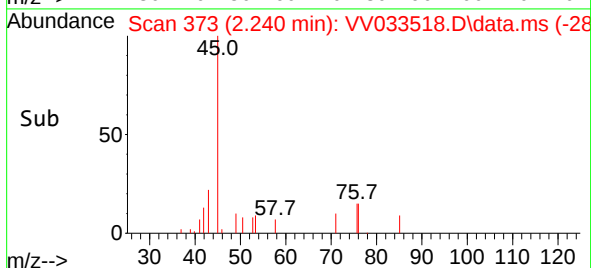
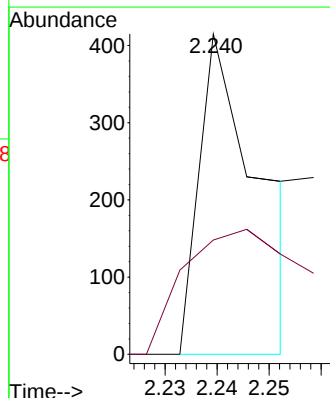
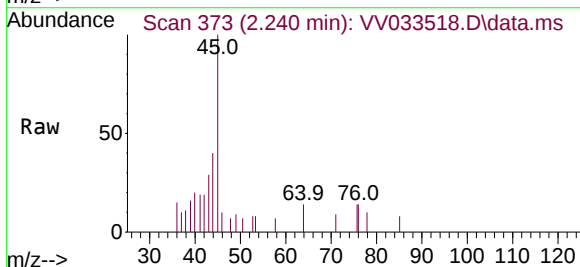
Acq: 20 Dec 2023 17:37

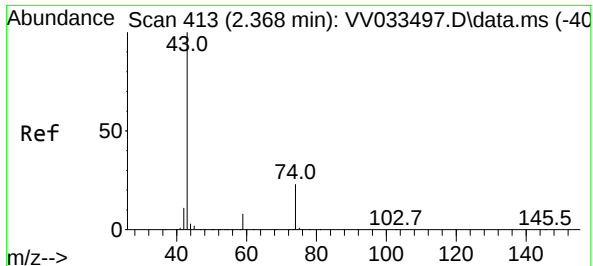
Tgt Ion: 76 Resp: 168

Ion Ratio Lower Upper

76 100

78 35.7 7.6 11.4#





#15

Methyl Acetate

Concen: 142.250 ug/L

RT: 2.371 min Scan# 413

Delta R.T. 0.003 min

Lab File: VV033518.D

Acq: 20 Dec 2023 17:37

Instrument :

MSVOA_V

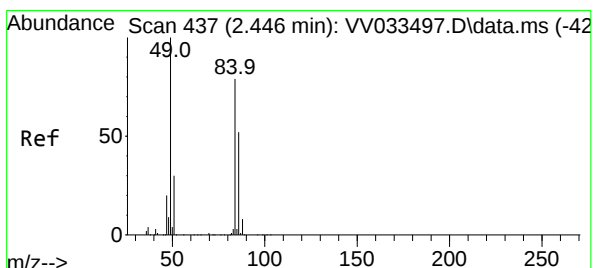
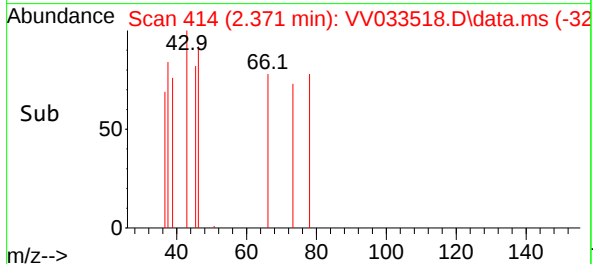
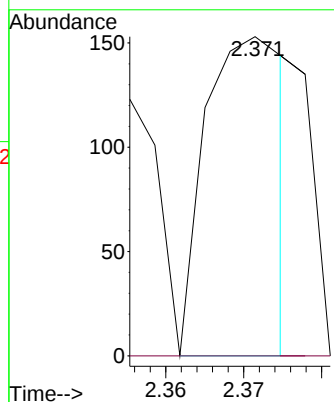
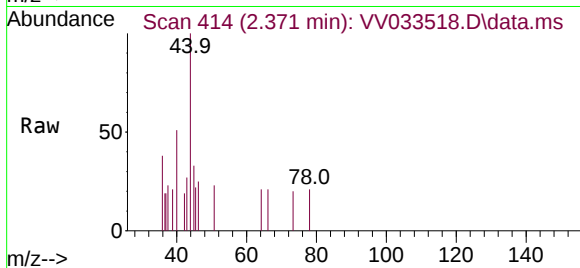
ClientSampleId :

Tgt Ion: 43 Resp: 108

Ion Ratio Lower Upper

43 100

74 0.0 20.8 31.2#



#16

Methylene chloride

Concen: 78.604 ug/L

RT: 2.445 min Scan# 437

Delta R.T. -0.000 min

Lab File: VV033518.D

Acq: 20 Dec 2023 17:37

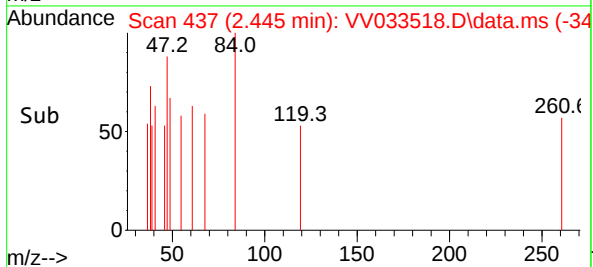
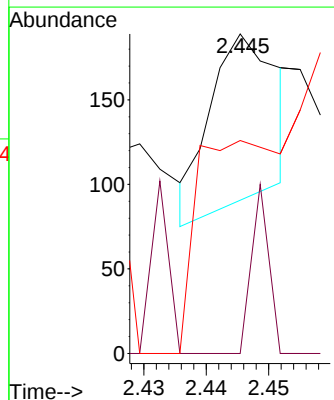
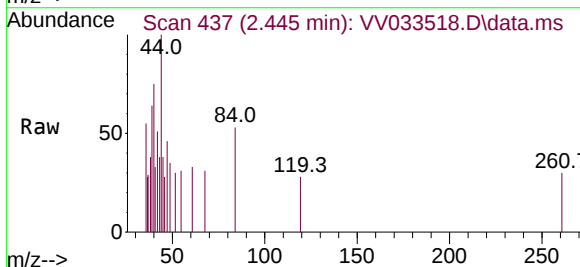
Tgt Ion: 84 Resp: 73

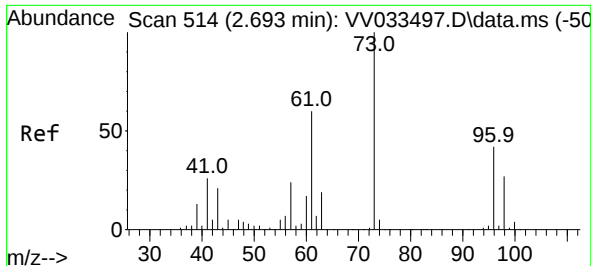
Ion Ratio Lower Upper

84 100

86 0.0 45.4 84.2#

49 66.7 83.3 154.7#





#17

trans-1,2-Dichloroethene

Concen: 61.071 ug/L

RT: 2.680 min Scan# 514

Delta R.T. -0.013 min

Lab File: VV033518.D

Acq: 20 Dec 2023 17:37

Instrument :

MSVOA_V

ClientSampleId :

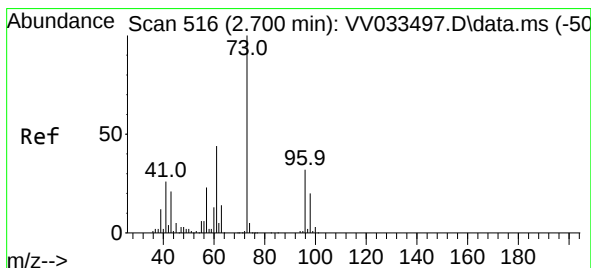
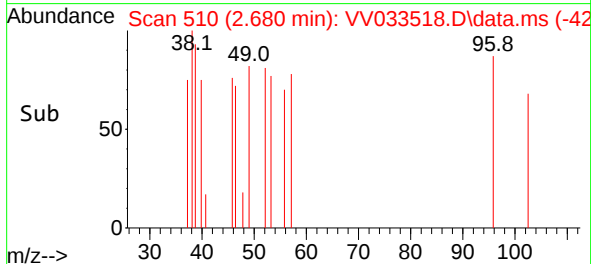
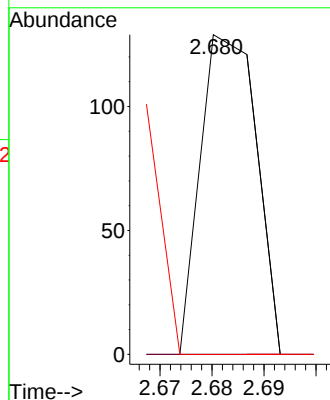
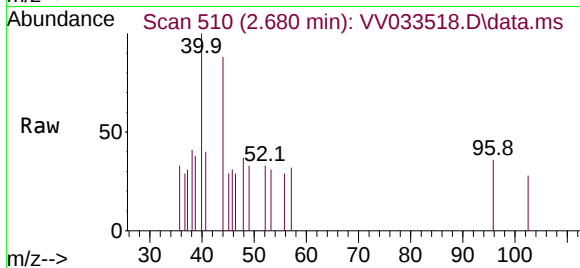
Tgt Ion: 96 Resp: 48

Ion Ratio Lower Upper

96 100

61 0.0 89.6 166.4#

98 0.0 44.1 81.9#



#18

Methyl tert-butyl Ether

Concen: 26.395 ug/L

RT: 2.719 min Scan# 522

Delta R.T. 0.019 min

Lab File: VV033518.D

Acq: 20 Dec 2023 17:37

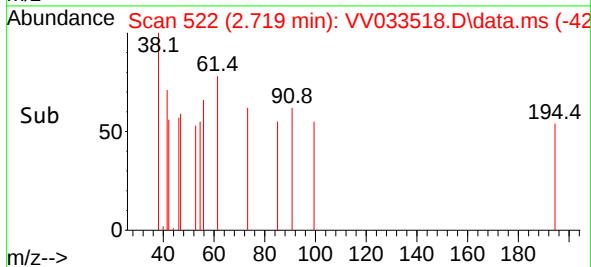
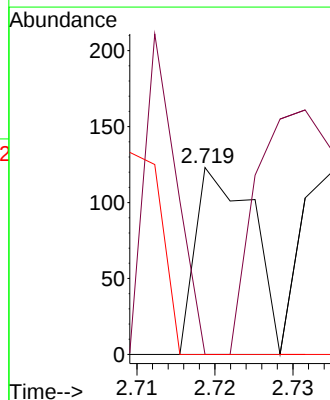
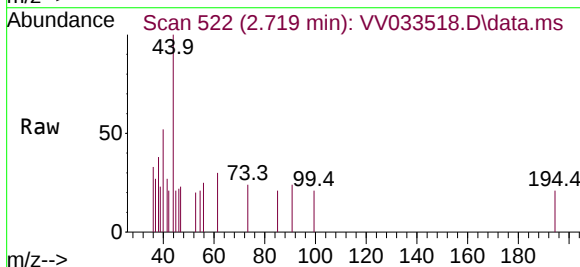
Tgt Ion: 73 Resp: 63

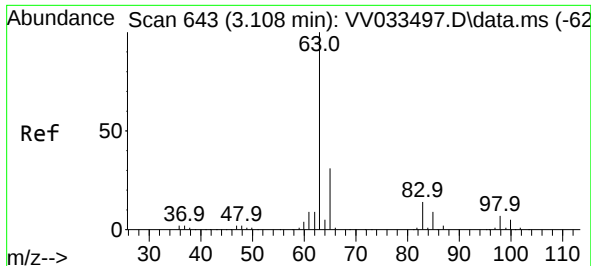
Ion Ratio Lower Upper

73 100

43 95.2 16.3 24.5#

57 0.0 17.3 25.9#





#19

1,1-Dichloroethane

Concen: 61.737 ug/L

RT: 3.101 min Scan# 64

Delta R.T. -0.007 min

Lab File: VV033518.D

Acq: 20 Dec 2023 17:37

Instrument :

MSVOA_V

ClientSampleId :

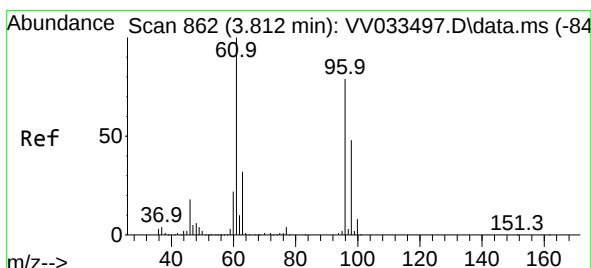
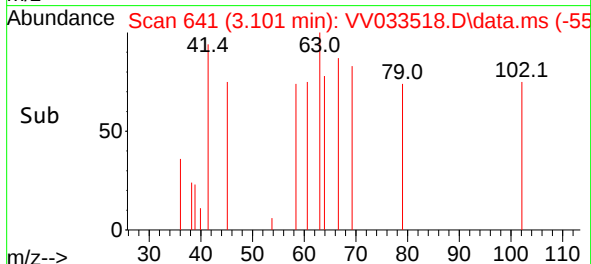
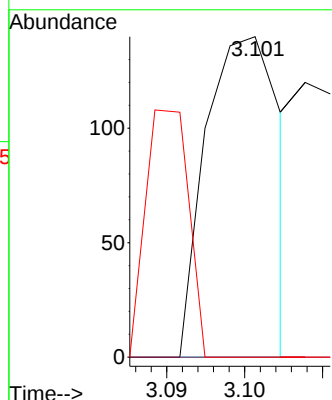
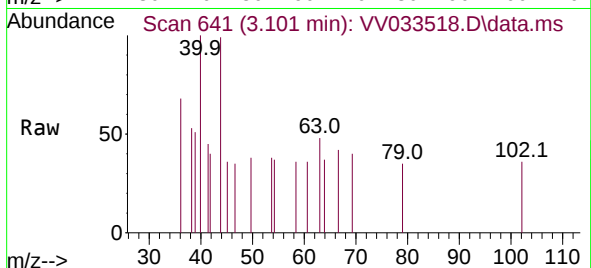
Tgt Ion: 63 Resp: 93

Ion Ratio Lower Upper

63 100

65 0.0 21.1 39.3#

83 0.0 9.7 17.9#



#20

cis-1,2-Dichloroethene

Concen: 2321.730 ug/L

RT: 3.828 min Scan# 867

Delta R.T. 0.016 min

Lab File: VV033518.D

Acq: 20 Dec 2023 17:37

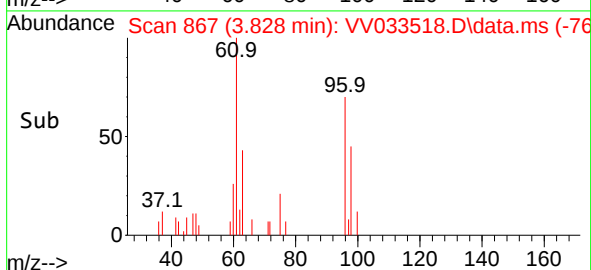
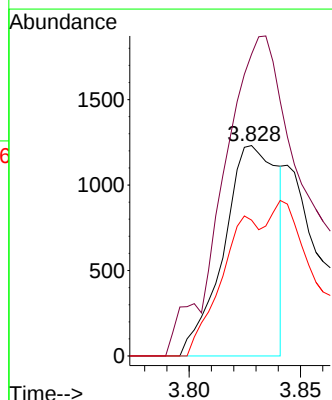
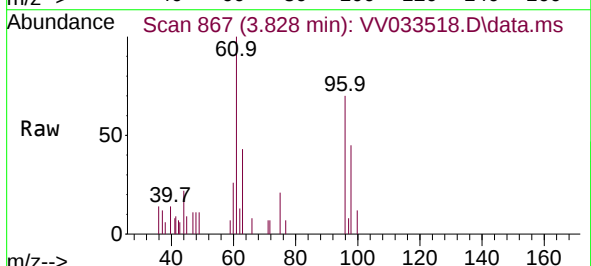
Tgt Ion: 96 Resp: 2069

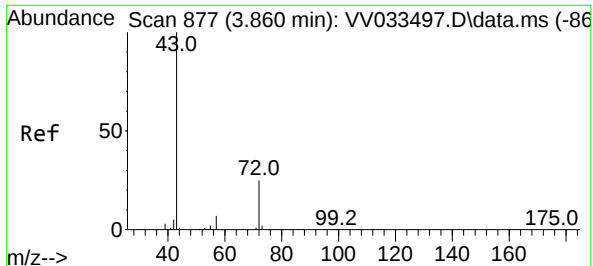
Ion Ratio Lower Upper

96 100

61 143.4 81.9 152.1

98 64.6 44.3 82.3

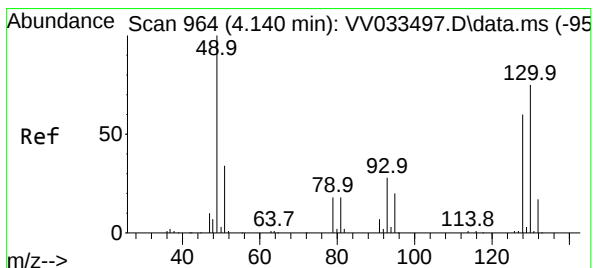
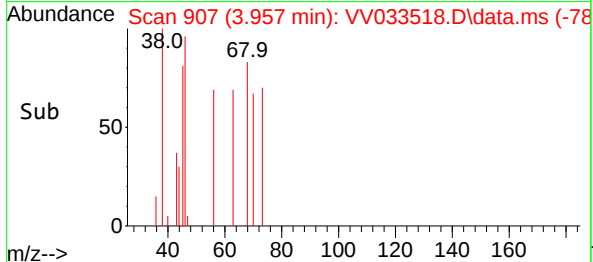
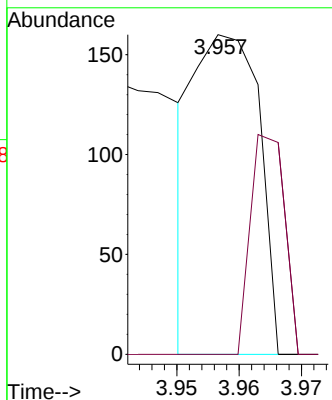
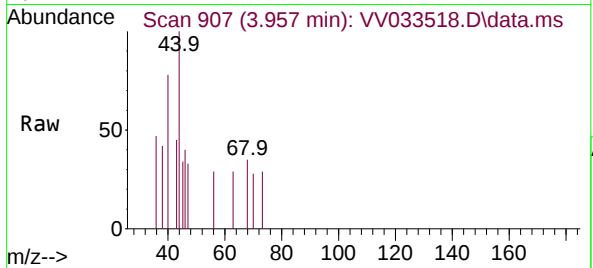




#22
2-Butanone
Concen: 219.571 ug/L
RT: 3.957 min Scan# 90
Delta R.T. 0.096 min
Lab File: VV033518.D
Acq: 20 Dec 2023 17:37

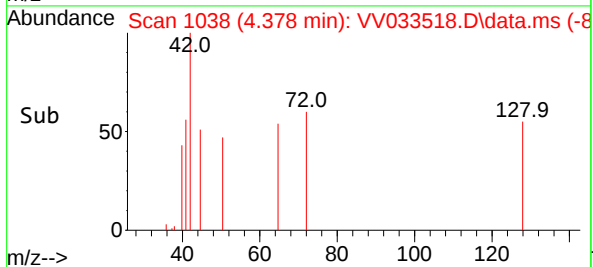
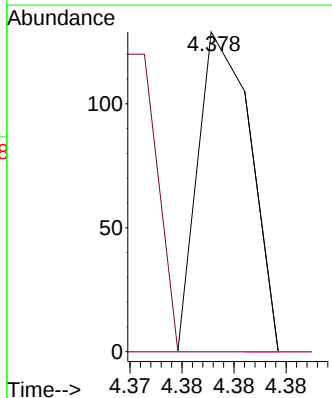
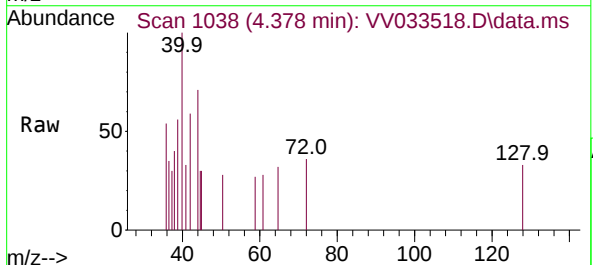
Instrument :
MSVOA_V
ClientSampleId :

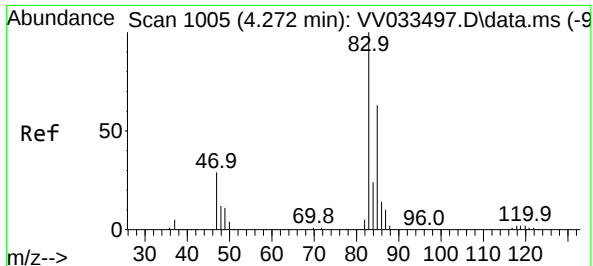
Tgt Ion: 43 Resp: 115
Ion Ratio Lower Upper
43 100
72 36.5 12.4 37.4



#23
Bromochloromethane
Concen: 92.126 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.238 min
Lab File: VV033518.D
Acq: 20 Dec 2023 17:37

Tgt Ion:128 Resp: 45
Ion Ratio Lower Upper
128 100
49 0.0 106.0 196.9#
130 0.0 93.6 173.8#
51 0.0 40.7 61.1#





#25

Chloroform

Concen: 24.185 ug/L

RT: 4.336 min Scan# 1005

Delta R.T. 0.064 min

Lab File: VV033518.D

Acq: 20 Dec 2023 17:37

Instrument :

MSVOA_V

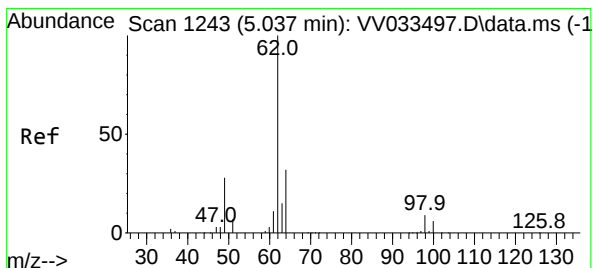
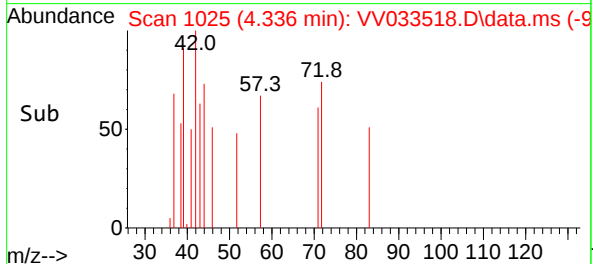
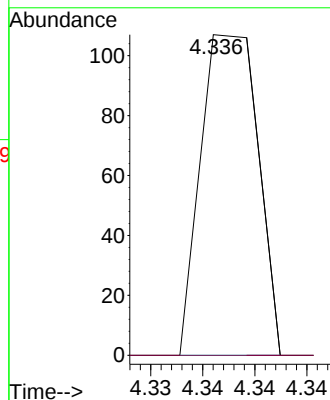
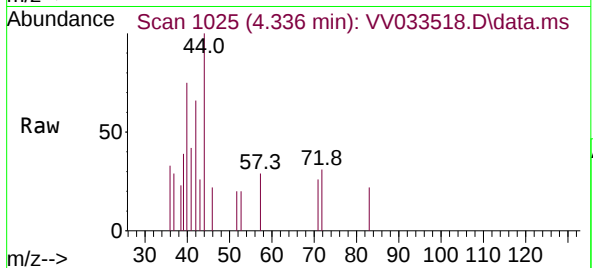
ClientSampleId :

Tgt Ion: 83 Resp: 41

Ion Ratio Lower Upper

83 100

85 0.0 46.1 85.7#



#27

1,2-Dichloroethane

Concen: 47.446 ug/L

RT: 5.040 min Scan# 1244

Delta R.T. 0.003 min

Lab File: VV033518.D

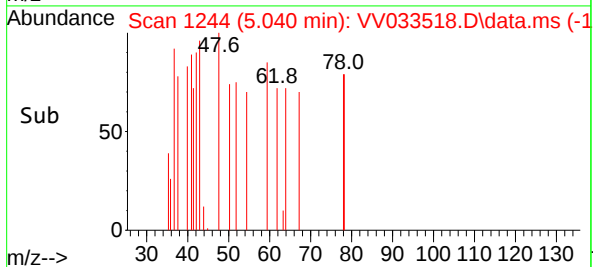
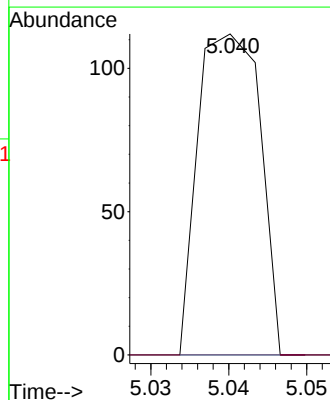
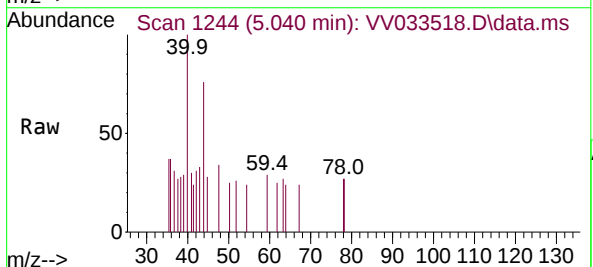
Acq: 20 Dec 2023 17:37

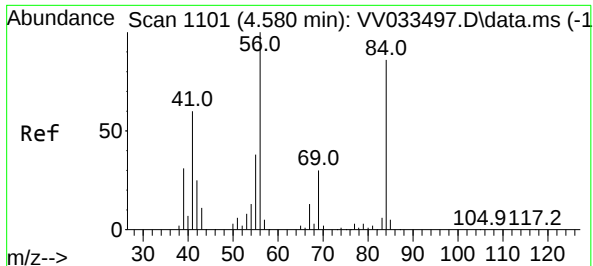
Tgt Ion: 62 Resp: 62

Ion Ratio Lower Upper

62 100

98 0.0 8.0 12.0#





#29

Cyclohexane

Concen: 33.179 ug/L

RT: 4.580 min Scan# 1101

Delta R.T. -0.000 min

Lab File: VV033518.D

Acq: 20 Dec 2023 17:37

Instrument :

MSVOA_V

ClientSampleId :

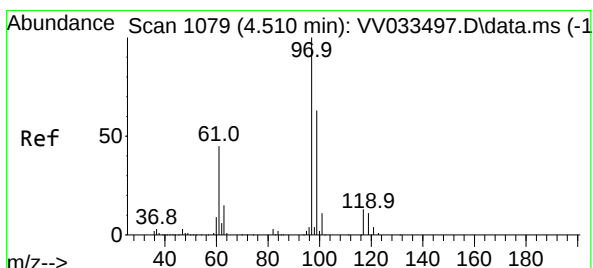
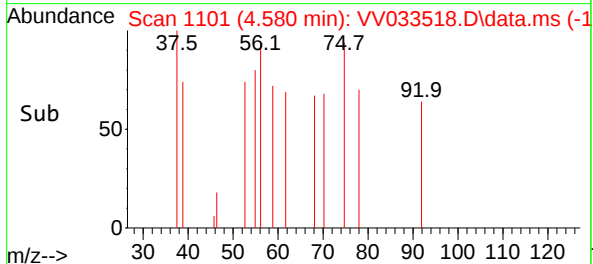
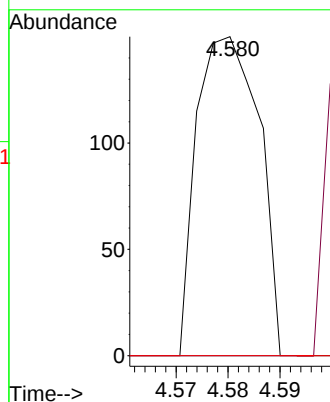
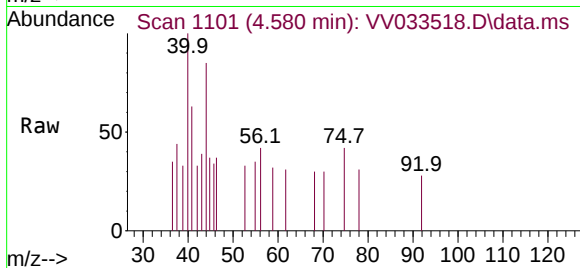
Tgt Ion: 56 Resp: 125

Ion Ratio Lower Upper

56 100

69 55.2 25.8 38.6#

84 0.0 75.2 112.8#



#30

1,1,1-Trichloroethane

Concen: 8.138 ug/L

RT: 4.474 min Scan# 1068

Delta R.T. -0.035 min

Lab File: VV033518.D

Acq: 20 Dec 2023 17:37

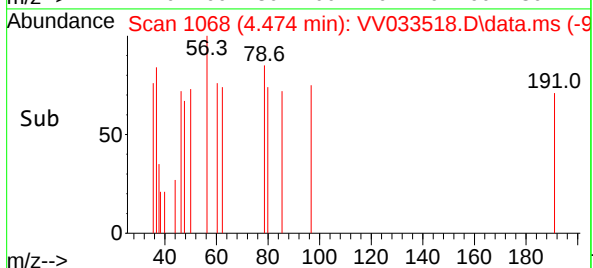
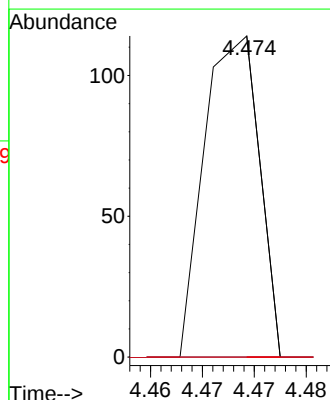
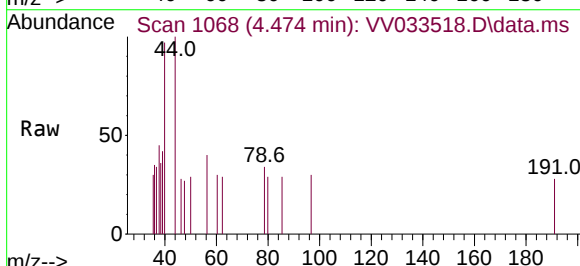
Tgt Ion: 97 Resp: 42

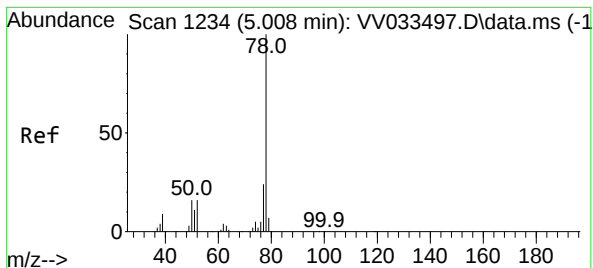
Ion Ratio Lower Upper

97 100

99 0.0 51.8 77.6#

61 154.8 34.8 52.2#





#33

Benzene

Concen: 17.323 ug/L

RT: 5.034 min Scan# 1

Delta R.T. 0.026 min

Lab File: VV033518.D

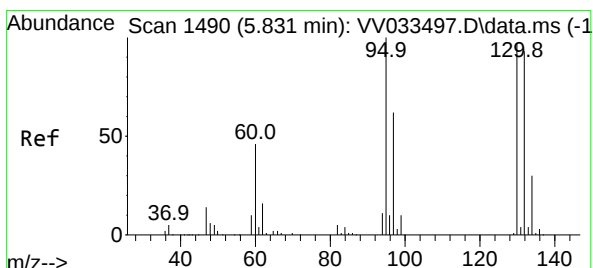
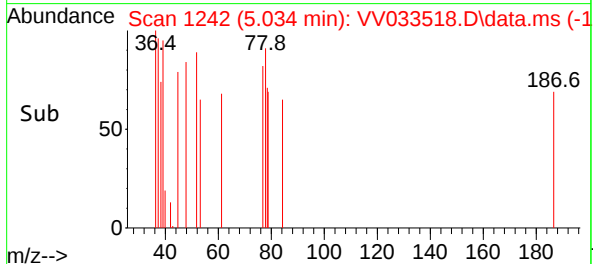
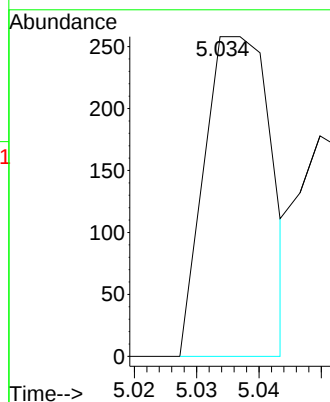
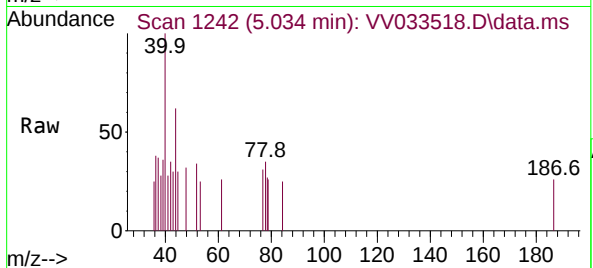
Acq: 20 Dec 2023 17:37

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 78 Resp: 193



#34

Trichloroethene

Concen: 43.186 ug/L

RT: 5.847 min Scan# 1495

Delta R.T. 0.016 min

Lab File: VV033518.D

Acq: 20 Dec 2023 17:37

Tgt Ion: 95 Resp: 132

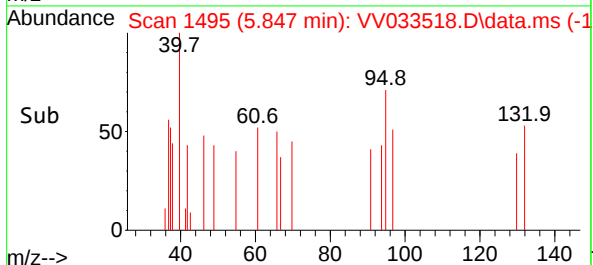
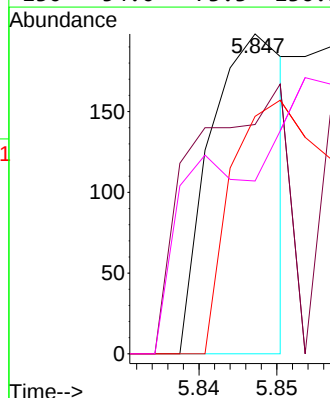
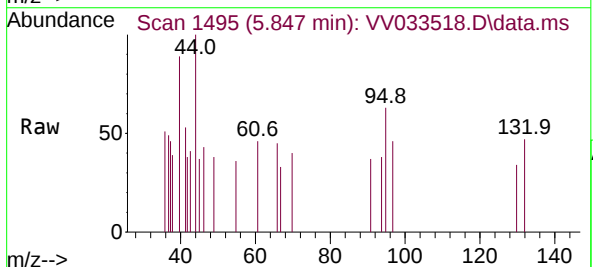
Ion Ratio Lower Upper

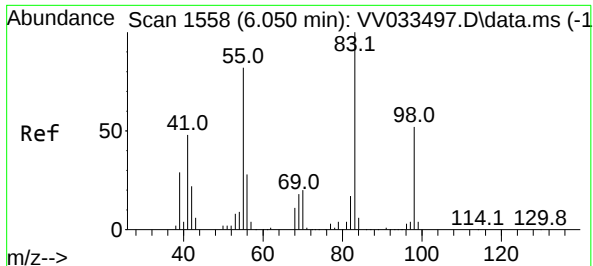
95 100

97 71.7 44.8 83.2

132 74.2 69.9 129.7

130 54.0 73.3 136.1#





#35

Methylcyclohexane

Concen: 9.352 ug/L

RT: 6.130 min Scan# 1

Delta R.T. 0.080 min

Lab File: VV033518.D

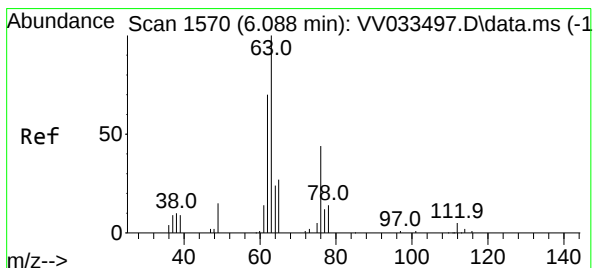
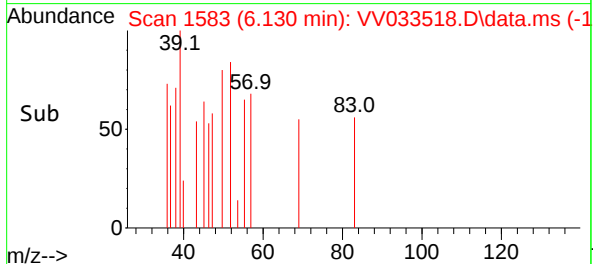
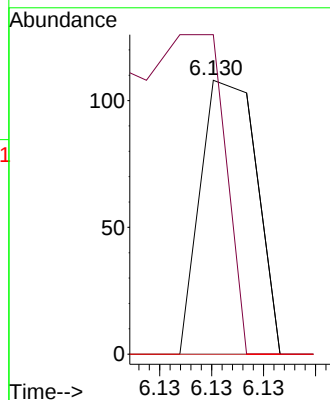
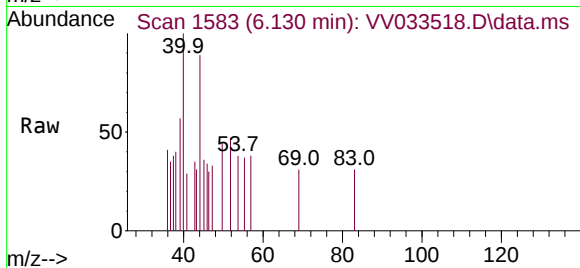
Acq: 20 Dec 2023 17:37

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp:	41
Ion	Ratio	Lower Upper
83	100	
55	119.5	58.6 88.0#
98	0.0	40.9 61.3#



#37

1,2-Dichloropropane

Concen: 32.104 ug/L

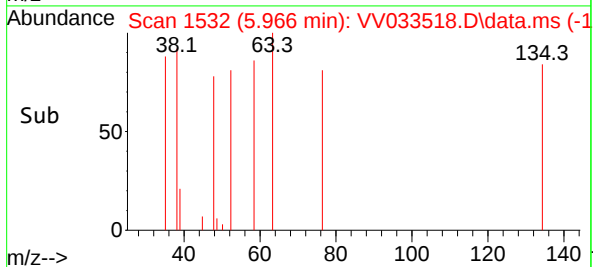
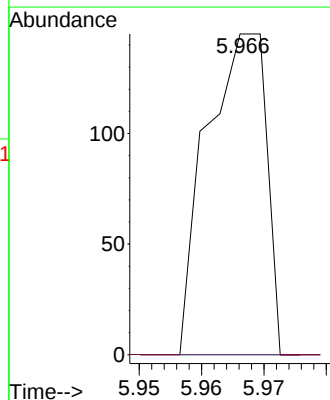
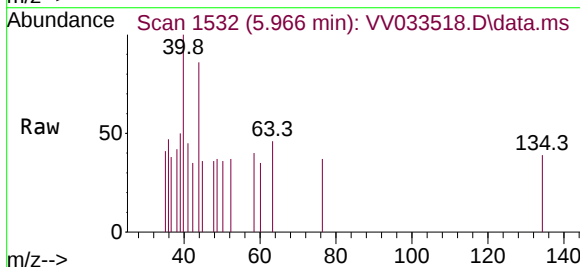
RT: 5.966 min Scan# 1532

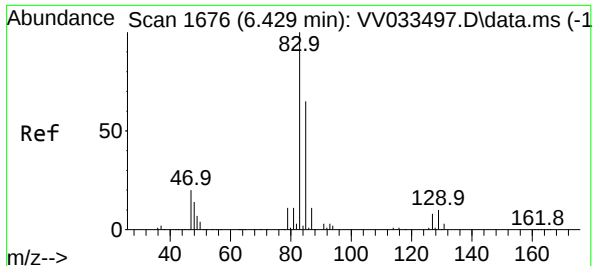
Delta R.T. -0.122 min

Lab File: VV033518.D

Acq: 20 Dec 2023 17:37

Tgt Ion: 63	Resp:	97
Ion	Ratio	Lower Upper
63	100	
112	0.0	3.7 5.5#

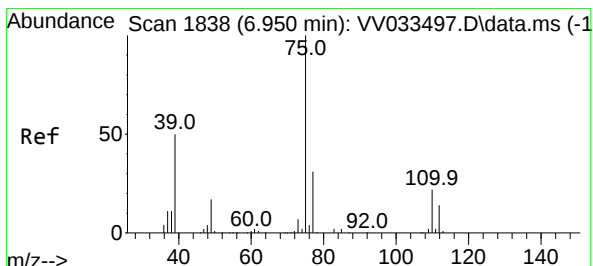
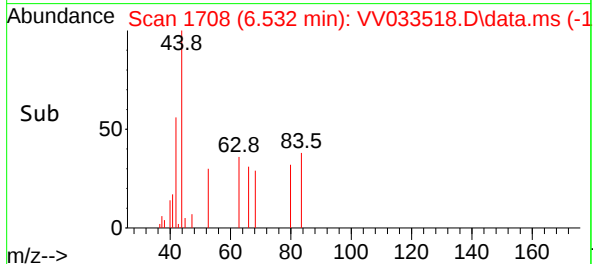
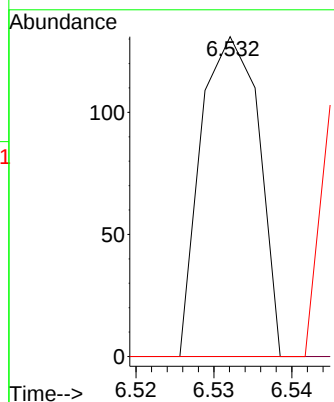
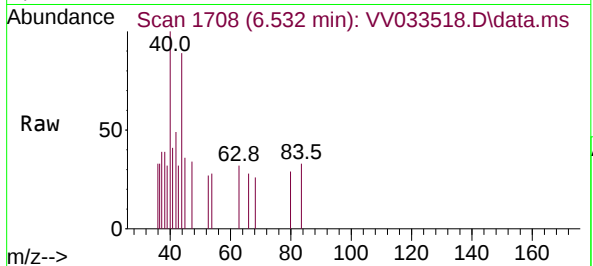




#38
Bromodichloromethane
Concen: 15.637 ug/L
RT: 6.532 min Scan# 1
Delta R.T. 0.103 min
Lab File: VV033518.D
Acq: 20 Dec 2023 17:37

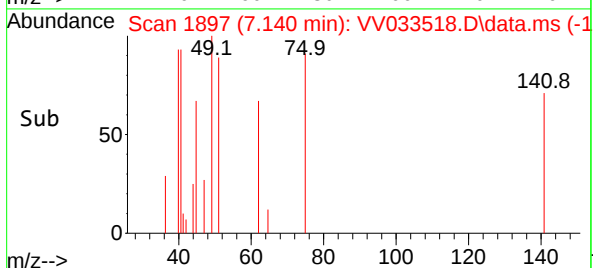
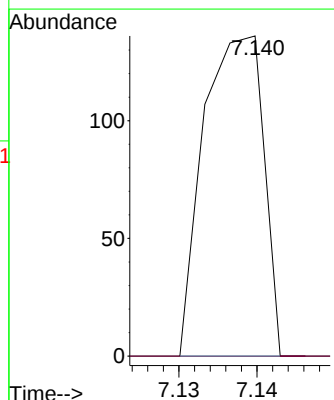
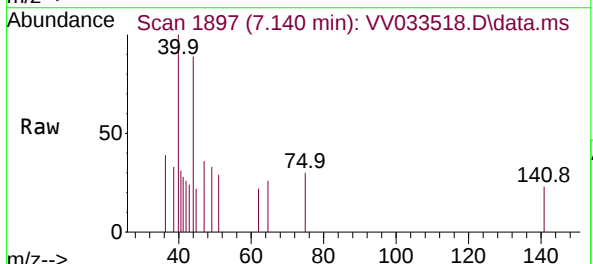
Instrument :
MSVOA_V
ClientSampleId :

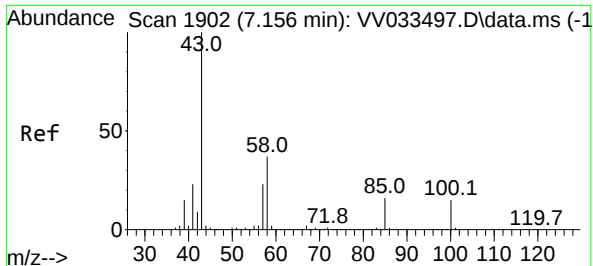
Tgt Ion: 83 Resp: 68
Ion Ratio Lower Upper
83 100
85 0.0 45.2 84.0#
127 0.0 6.8 10.2#



#39
cis-1,3-Dichloropropene
Concen: 16.380 ug/L
RT: 7.140 min Scan# 1897
Delta R.T. 0.190 min
Lab File: VV033518.D
Acq: 20 Dec 2023 17:37

Tgt Ion: 75 Resp: 72
Ion Ratio Lower Upper
75 100
77 0.0 22.3 41.3#





#40

4-Methyl-2-pentanone

Concen: 34.115 ug/L

RT: 7.149 min Scan# 1902

Delta R.T. -0.007 min

Lab File: VV033518.D

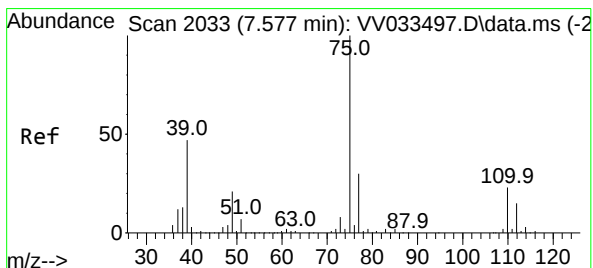
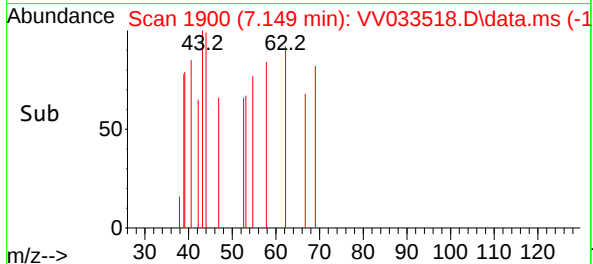
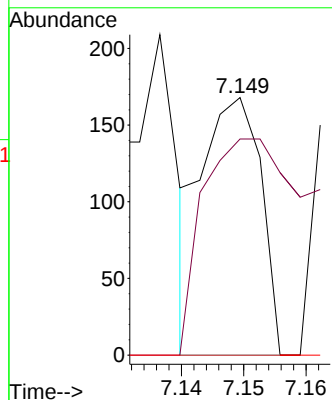
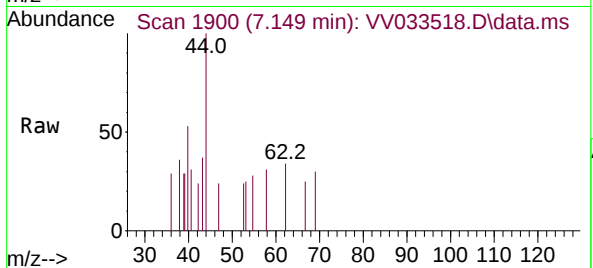
Acq: 20 Dec 2023 17:37

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	43	Resp:	110
Ion	Ratio	Lower	Upper
43	100		
58	129.1	30.7	46.1#
100	0.0	13.6	20.4#



#44

trans-1,3-Dichloropropene

Concen: 10.429 ug/L

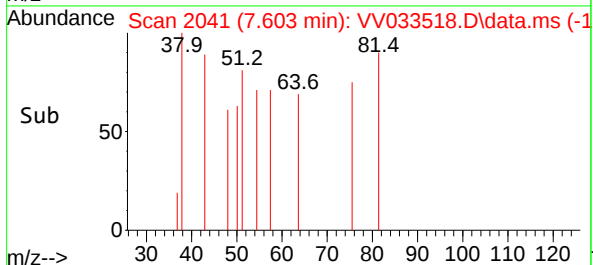
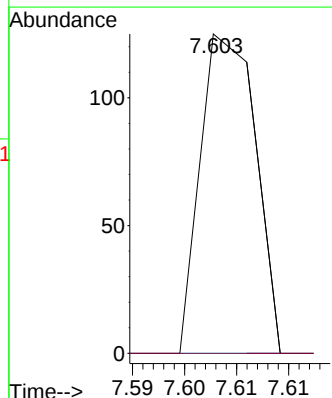
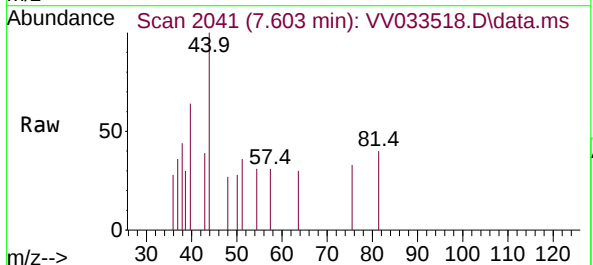
RT: 7.603 min Scan# 2041

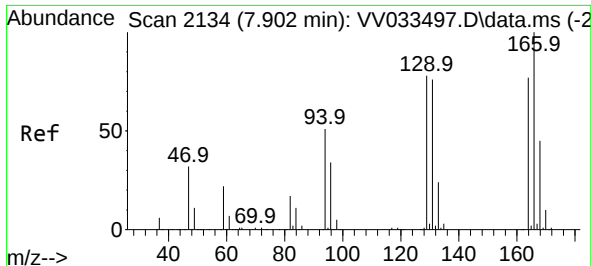
Delta R.T. 0.026 min

Lab File: VV033518.D

Acq: 20 Dec 2023 17:37

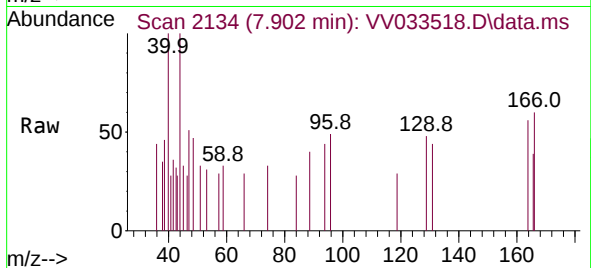
Tgt Ion:	75	Resp:	46
Ion	Ratio	Lower	Upper
75	100		
77	0.0	22.4	41.6#





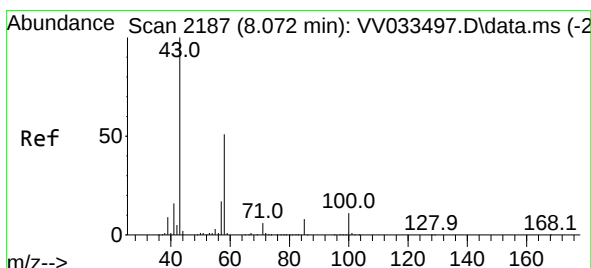
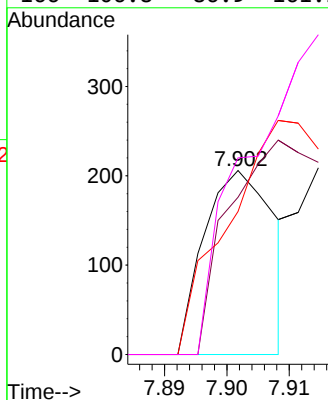
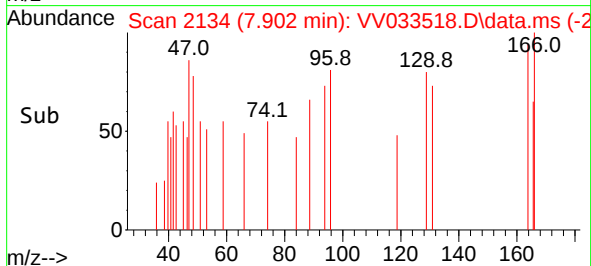
#46
Tetrachloroethene
Concen: 66.992 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. -0.000 min
Lab File: VV033518.D
Acq: 20 Dec 2023 17:37

Instrument :
MSVOA_V
ClientSampleId :

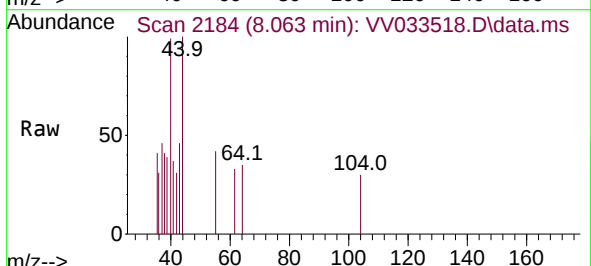


Tgt Ion:164 Resp: 160

Ion	Ratio	Lower	Upper
164	100		
129	85.4	68.9	127.9
131	77.7	65.3	121.3
166	106.8	86.9	161.3

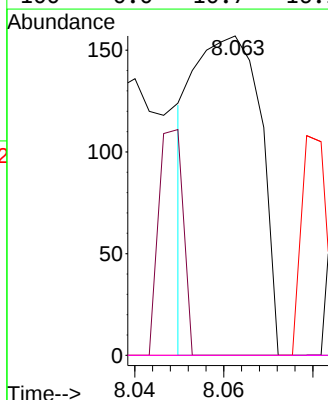
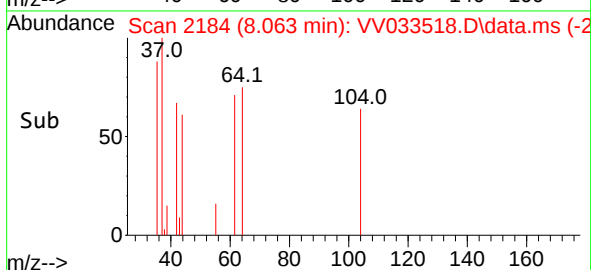


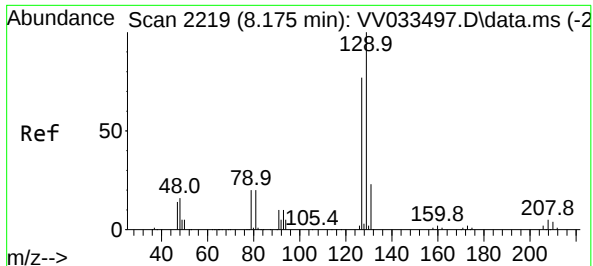
#48
2-Hexanone
Concen: 61.726 ug/L
RT: 8.063 min Scan# 2184
Delta R.T. -0.010 min
Lab File: VV033518.D
Acq: 20 Dec 2023 17:37



Tgt Ion: 43 Resp: 166

Ion	Ratio	Lower	Upper
43	100		
58	25.3	43.0	64.6#
57	24.7	14.7	22.1#
100	0.0	10.7	16.1#





#49

Dibromochloromethane

Concen: 70.570 ug/L

RT: 7.908 min Scan# 2136

Delta R.T. -0.267 min

Lab File: VV033518.D

Acq: 20 Dec 2023 17:37

Instrument :

MSVOA_V

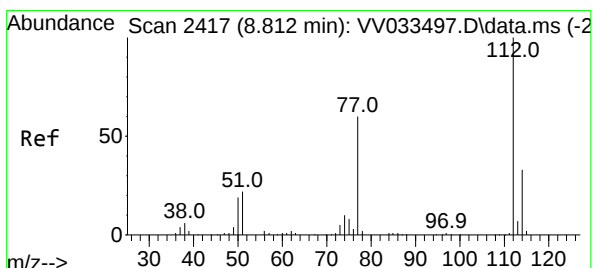
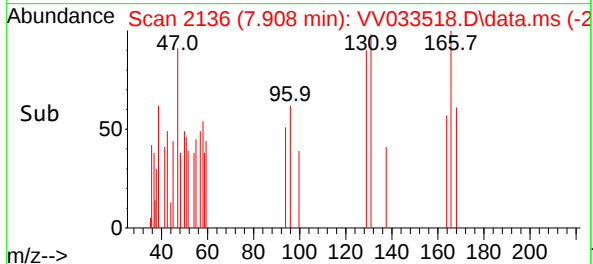
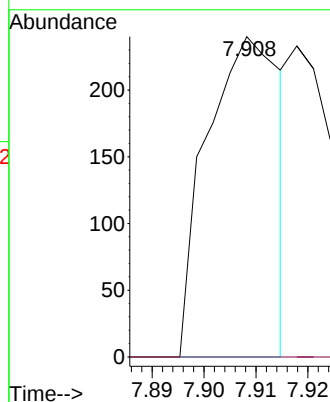
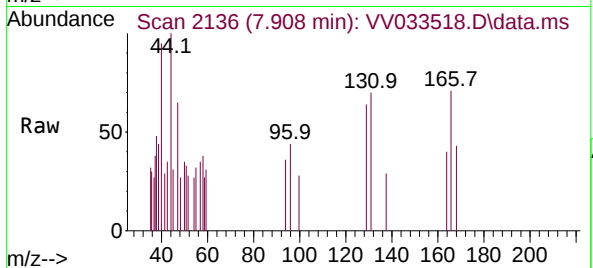
ClientSampleId :

Tgt Ion:129 Resp: 235

Ion Ratio Lower Upper

129 100

127 0.0 53.3 98.9#



#51

Chlorobenzene

Concen: 90.363 ug/L

RT: 8.831 min Scan# 2423

Delta R.T. 0.019 min

Lab File: VV033518.D

Acq: 20 Dec 2023 17:37

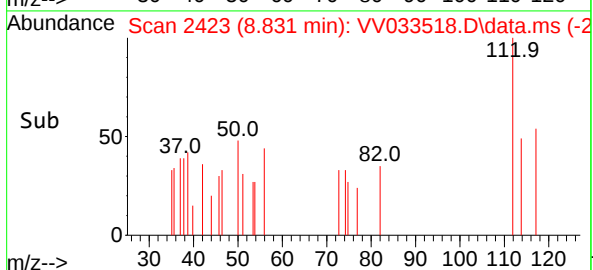
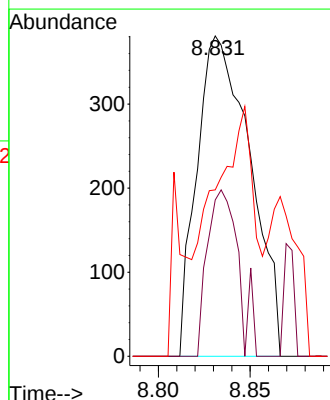
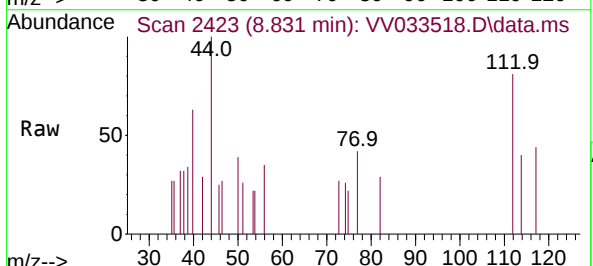
Tgt Ion:112 Resp: 769

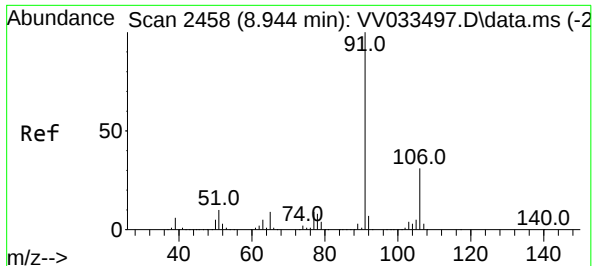
Ion Ratio Lower Upper

112 100

114 48.8 22.5 41.7#

77 52.0 45.2 67.8





#52

Ethylbenzene

Concen: 18.326 ug/L

RT: 8.972 min Scan# 2458

Delta R.T. 0.029 min

Lab File: VV033518.D

Acq: 20 Dec 2023 17:37

Instrument :

MSVOA_V

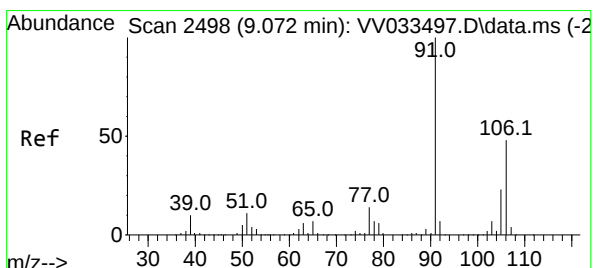
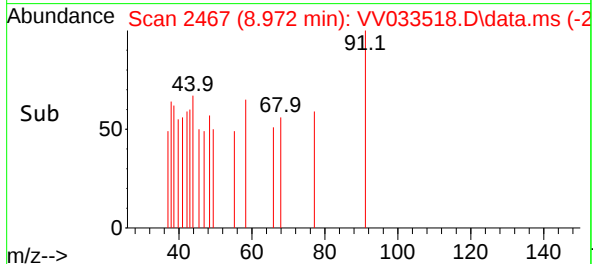
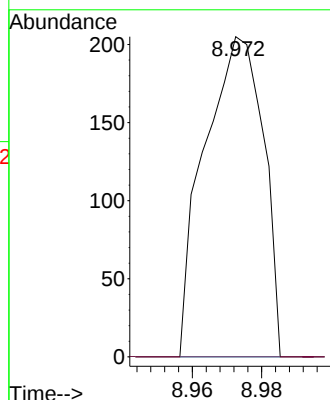
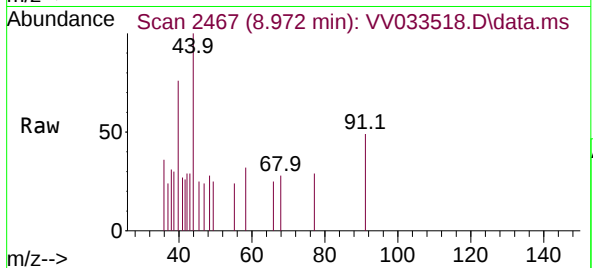
ClientSampleId :

Tgt Ion: 91 Resp: 241

Ion Ratio Lower Upper

91 100

106 0.0 21.6 40.2#



#53

m,p-Xylene

Concen: 13.763 ug/L

RT: 9.021 min Scan# 2482

Delta R.T. -0.052 min

Lab File: VV033518.D

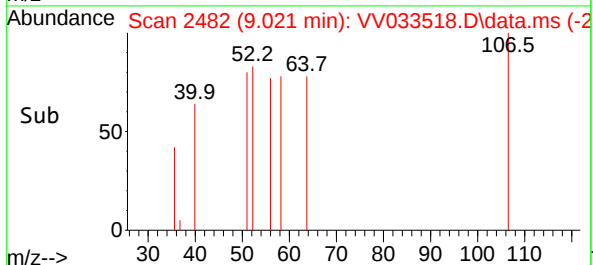
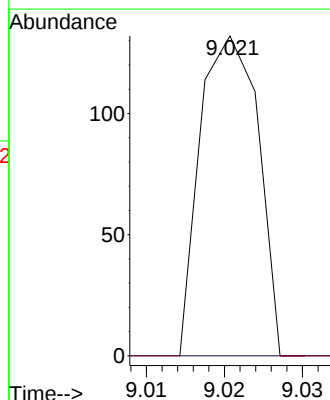
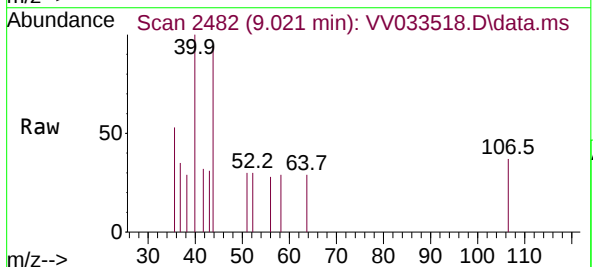
Acq: 20 Dec 2023 17:37

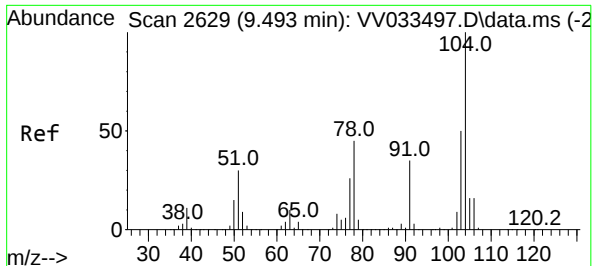
Tgt Ion: 106 Resp: 68

Ion Ratio Lower Upper

106 100

91 0.0 143.0 265.6#

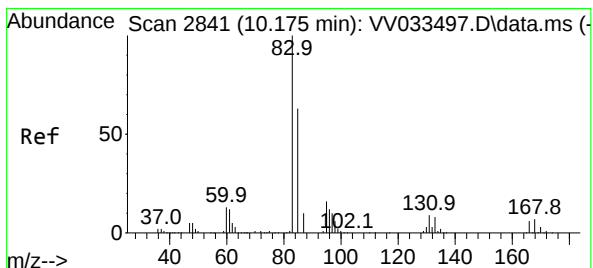
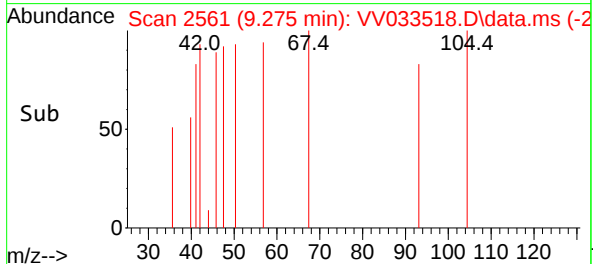
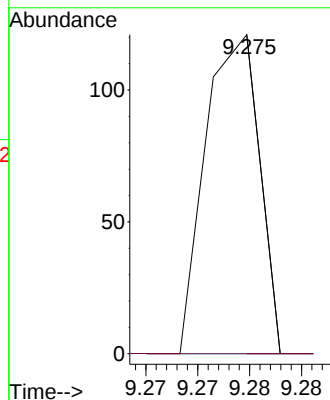
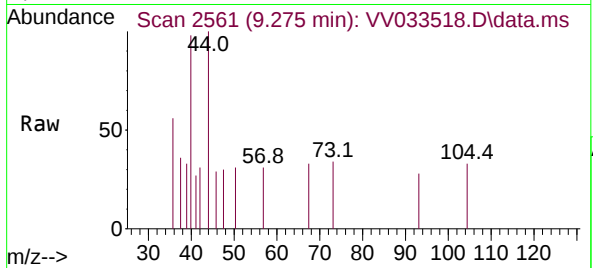




#55
Styrene
Concen: 5.197 ug/L
RT: 9.275 min Scan# 21
Delta R.T. -0.219 min
Lab File: VV033518.D
Acq: 20 Dec 2023 17:37

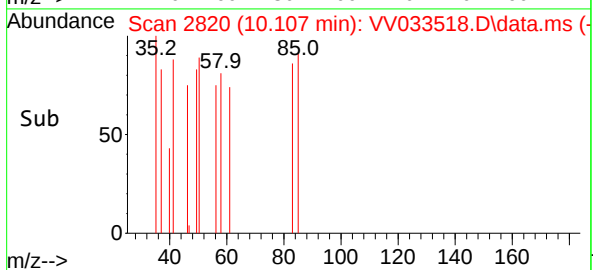
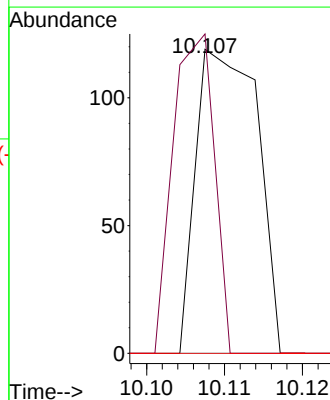
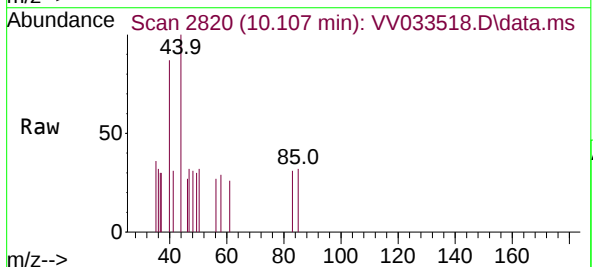
Instrument :
MSVOA_V
ClientSampleId :

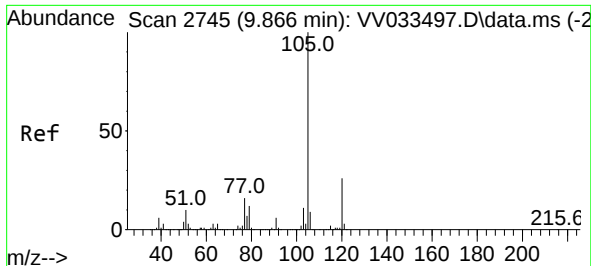
Tgt Ion:104 Resp: 44
Ion Ratio Lower Upper
104 100
78 0.0 30.2 56.2#



#57
1,1,2,2-Tetrachloroethane
Concen: 13.439 ug/L
RT: 10.107 min Scan# 2820
Delta R.T. -0.068 min
Lab File: VV033518.D
Acq: 20 Dec 2023 17:37

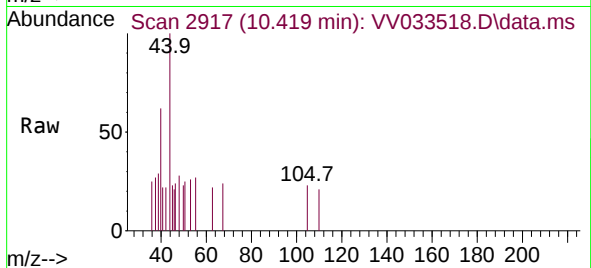
Tgt Ion: 83 Resp: 65
Ion Ratio Lower Upper
83 100
85 105.0 44.8 83.2#
131 0.0 8.6 12.8#



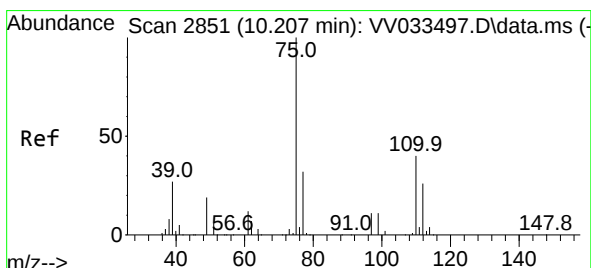
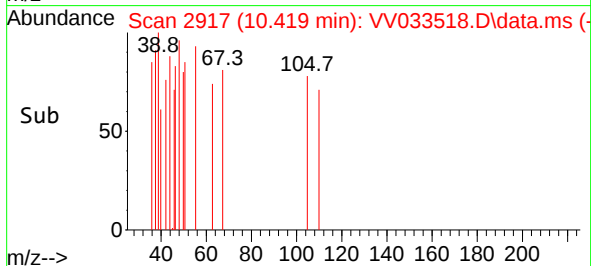
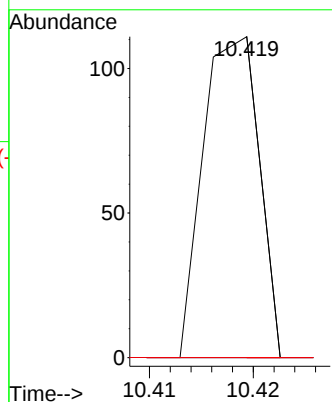


#60
Isopropylbenzene
Concen: 0.796 ug/L
RT: 10.419 min Scan# 2849
Delta R.T. 0.553 min
Lab File: VV033518.D
Acq: 20 Dec 2023 17:37

Instrument :
MSVOA_V
ClientSampleId :

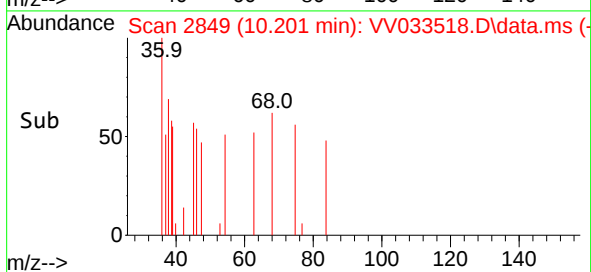
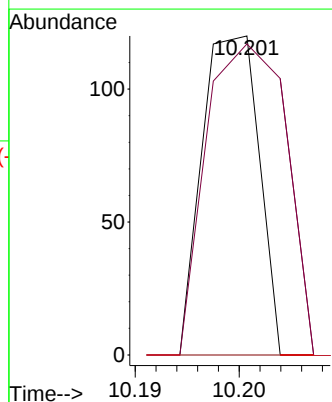
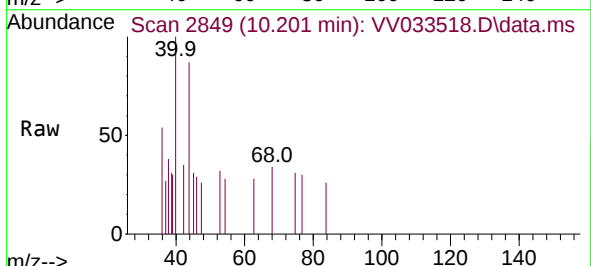


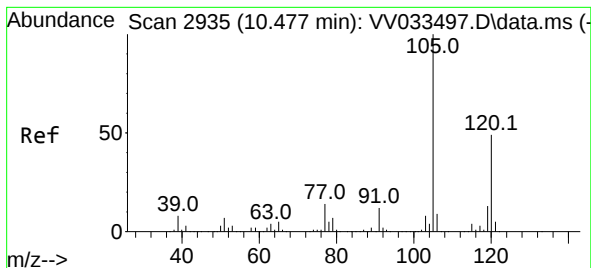
Tgt Ion:105 Resp: 41
Ion Ratio Lower Upper
105 100
120 0.0 21.2 31.8#
77 112.2 12.5 18.7#



#61
1,2,3-Trichloropropane
Concen: 3.164 ug/L
RT: 10.201 min Scan# 2849
Delta R.T. -0.007 min
Lab File: VV033518.D
Acq: 20 Dec 2023 17:37

Tgt Ion: 75 Resp: 46
Ion Ratio Lower Upper
75 100
77 134.8 25.7 38.5#
110 0.0 33.9 50.9#





#62

1,3,5-Trimethylbenzene

Concen: 1.050 ug/L

RT: 10.419 min Scan# 2935

Delta R.T. -0.058 min

Lab File: VV033518.D

Acq: 20 Dec 2023 17:37

Instrument :

MSVOA_V

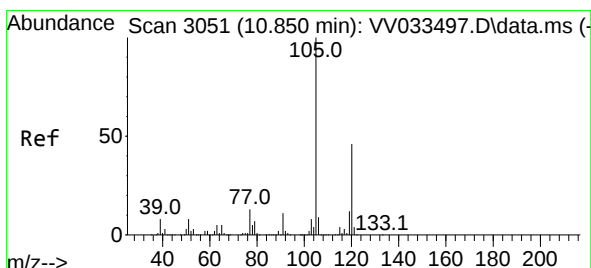
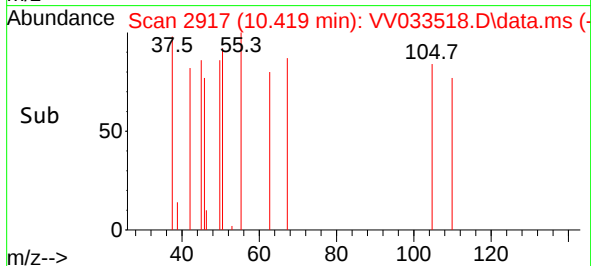
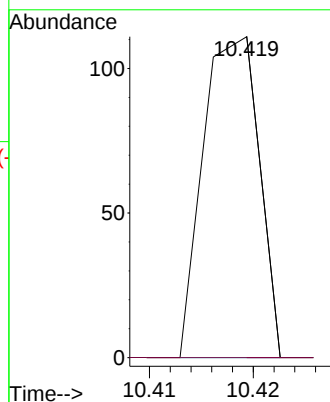
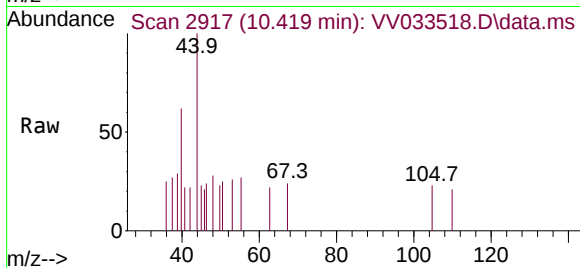
ClientSampleId :

Tgt Ion:105 Resp: 41

Ion Ratio Lower Upper

105 100

120 107.3 39.5 59.3#



#63

1,2,4-Trimethylbenzene

Concen: 1.036 ug/L

RT: 11.304 min Scan# 3192

Delta R.T. 0.453 min

Lab File: VV033518.D

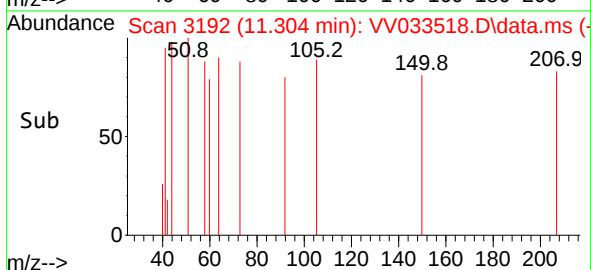
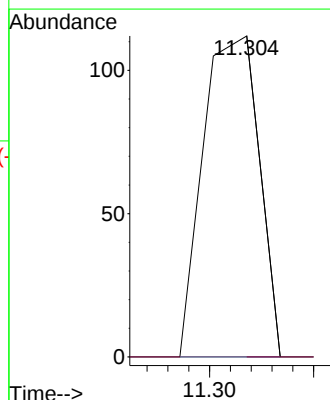
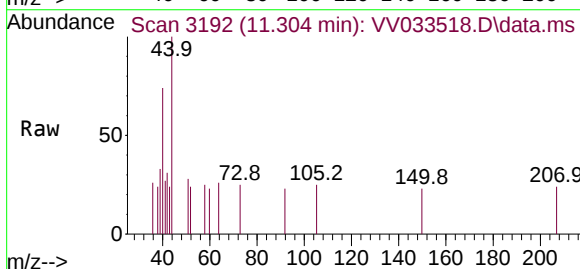
Acq: 20 Dec 2023 17:37

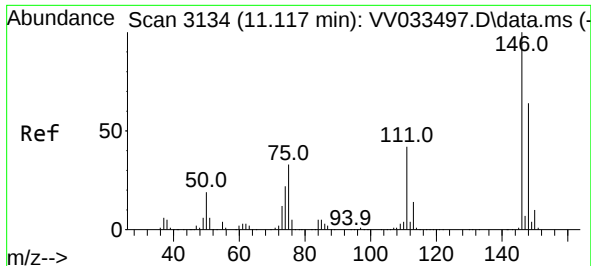
Tgt Ion:105 Resp: 42

Ion Ratio Lower Upper

105 100

120 0.0 36.2 54.4#

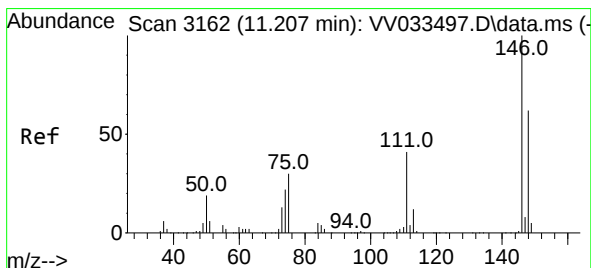
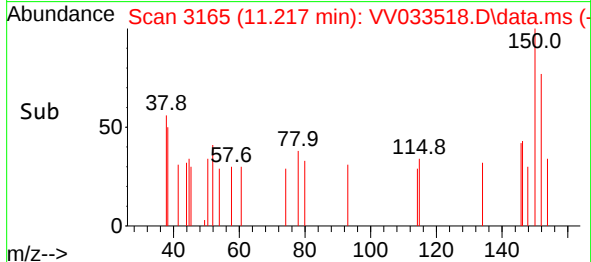
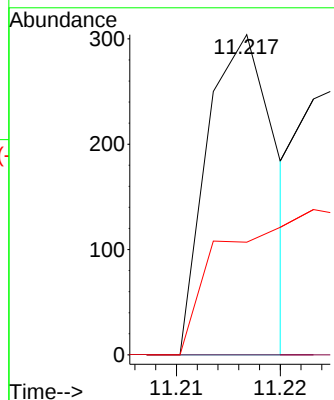
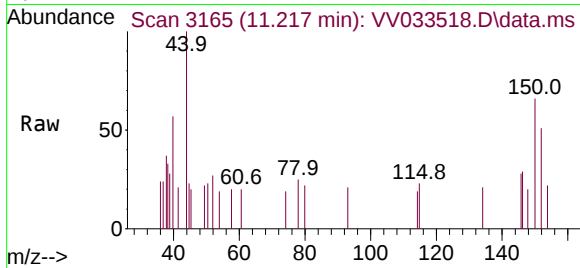




#64
1,3-Dichlorobenzene
Concen: 5.305 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. 0.100 min
Lab File: VV033518.D
Acq: 20 Dec 2023 17:37

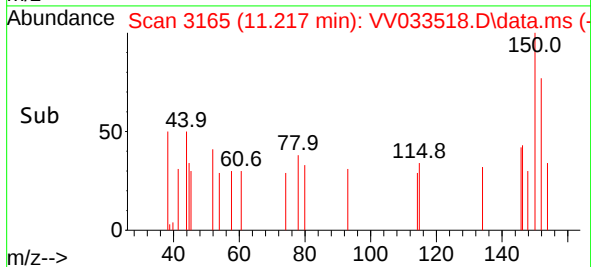
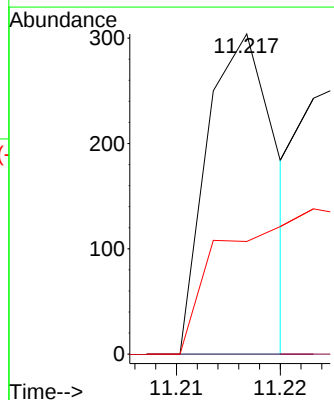
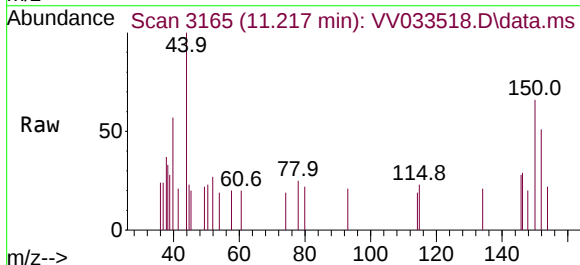
Instrument :
MSVOA_V
ClientSampleId :

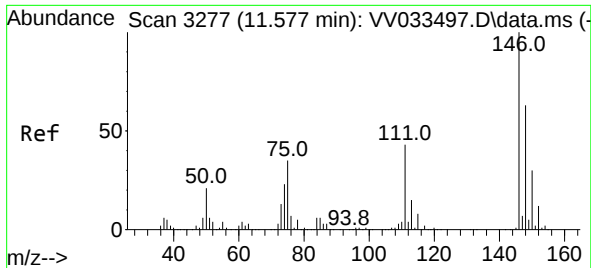
Tgt Ion:146 Resp: 142
Ion Ratio Lower Upper
146 100
111 0.0 29.3 54.5#
148 35.2 45.4 84.4#



#65
1,4-Dichlorobenzene
Concen: 4.929 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. 0.010 min
Lab File: VV033518.D
Acq: 20 Dec 2023 17:37

Tgt Ion:146 Resp: 142
Ion Ratio Lower Upper
146 100
111 0.0 27.9 51.7#
148 35.2 45.5 84.5#





#67

1,2-Dichlorobenzene

Concen: 15.971 ug/L

RT: 11.590 min Scan# 31

Delta R.T. 0.013 min

Lab File: VV033518.D

Acq: 20 Dec 2023 17:37

Instrument :

MSVOA_V

ClientSampleId :

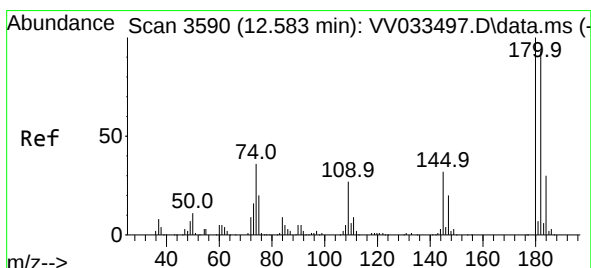
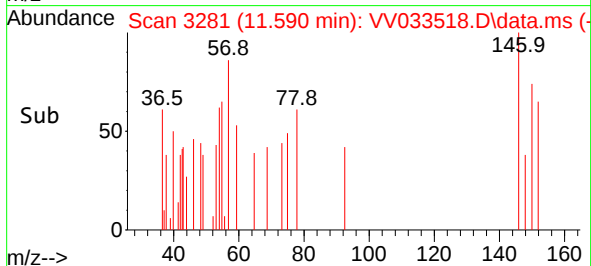
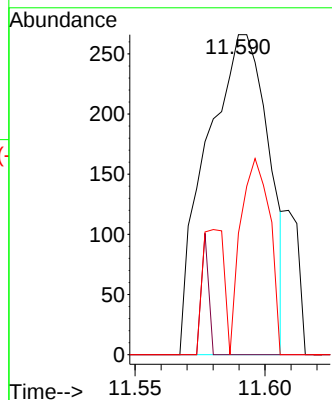
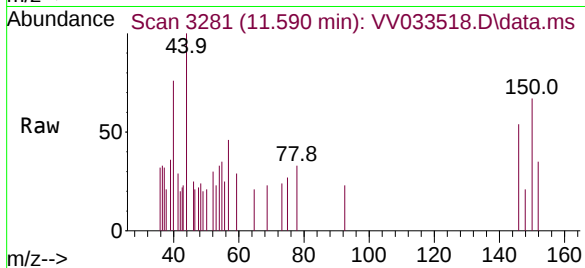
Tgt Ion:146 Resp: 445

Ion Ratio Lower Upper

146 100

111 0.0 33.5 50.3#

148 38.0 51.1 76.7#



#69

1,3,5-Trichlorobenzene

Concen: 5.132 ug/L

RT: 13.210 min Scan# 3785

Delta R.T. 0.627 min

Lab File: VV033518.D

Acq: 20 Dec 2023 17:37

Tgt Ion:180 Resp: 95

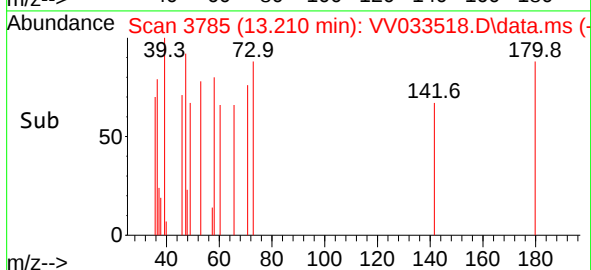
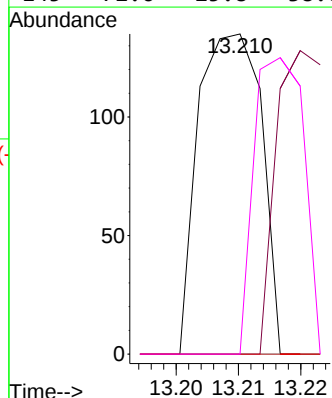
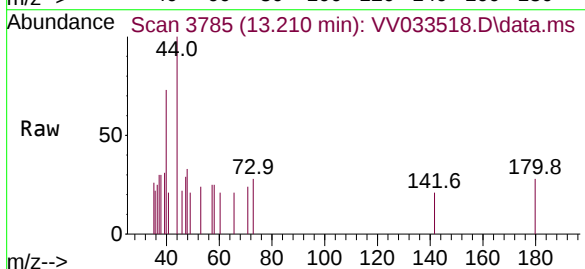
Ion Ratio Lower Upper

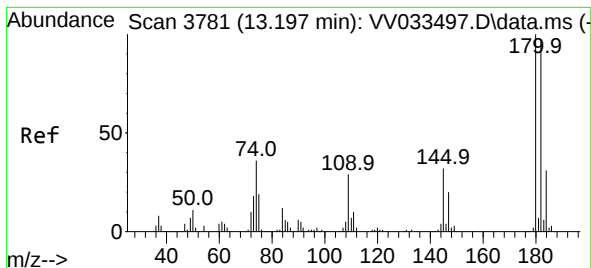
180 100

182 73.7 76.2 114.4#

184 0.0 24.4 36.6#

145 72.6 25.8 38.6#





#70

1,2,4-trichlorobenzene

Concen: 5.870 ug/L

RT: 13.210 min Scan# 31

Delta R.T. 0.013 min

Lab File: VV033518.D

Acq: 20 Dec 2023 17:37

Instrument :

MSVOA_V

ClientSampleId :

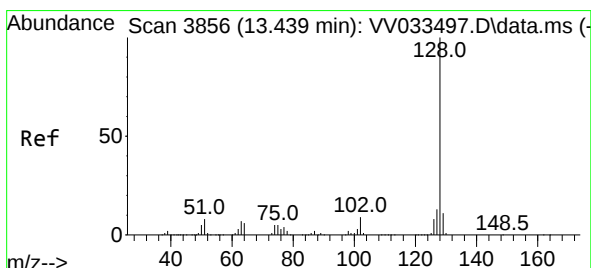
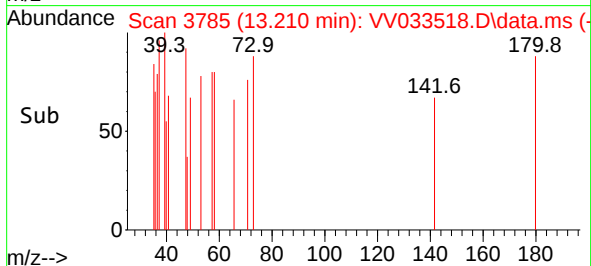
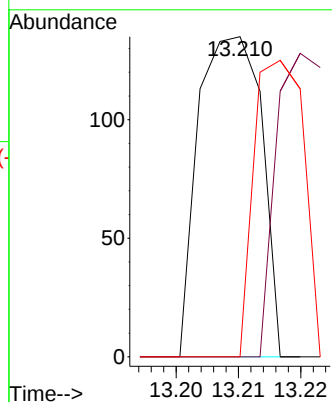
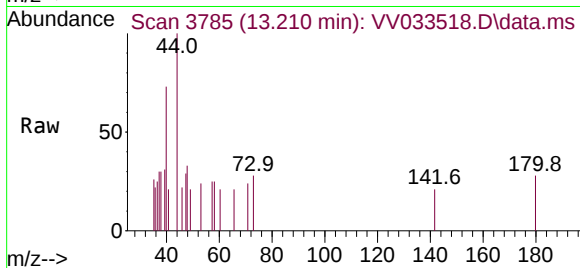
Tgt Ion:180 Resp: 95

Ion Ratio Lower Upper

180 100

182 73.7 76.1 114.1#

145 72.6 25.6 38.4#



#71

Naphthalene

Concen: 5.673 ug/L

RT: 13.471 min Scan# 3866

Delta R.T. 0.032 min

Lab File: VV033518.D

Acq: 20 Dec 2023 17:37

Tgt Ion:128 Resp: 247

Ion Ratio Lower Upper

128 100

127 0.0 10.4 15.6#

129 0.0 8.8 13.2#

