

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111323\
 Data File : VW032923.D
 Acq On : 13 Nov 2023 11:08
 Operator : SY/MD
 Sample : VSTD100
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 13 22:49:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM111323WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Nov 13 22:47:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	436789	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	437277	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	257162	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	364920	98.781	ug/L	0.00
7) Chloroethane-d5	1.529	69	304063	99.341	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.060	65	156880	97.468	ug/L	0.00
21) 2-Butanone-d5	3.777	46	337246	224.792	ug/L	0.00
24) Chloroform-d	4.246	84	648682	101.642	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.937	65	391873	100.913	ug/L	0.00
32) Benzene-d6	4.960	84	1247599	104.609	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.986	67	363906	104.974	ug/L	0.00
41) Toluene-d8	7.243	98	1178888	107.215	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.548	79	202263	109.904	ug/L	0.00
47) 2-Hexanone-d5	8.021	63	291929	234.059	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.153	84	532134	104.787	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.561	152	506447	101.352	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	356483	94.384	ug/L	99
3) Chloromethane	1.214	50	354443	94.975	ug/L	99
5) Vinyl chloride	1.282	62	358030	95.346	ug/L	99
6) Bromomethane	1.481	94	237762	95.517	ug/L	99
8) Chloroethane	1.545	64	228908	96.531	ug/L	98
9) Trichlorofluoromethane	1.712	101	568437	95.341	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	321974	93.221	ug/L	100
12) 1,1-Dichloroethene	2.069	96	298125	96.496	ug/L	99
13) Acetone	2.108	43	392565	185.700	ug/L	100
14) Carbon disulfide	2.240	76	857617	97.478	ug/L	99
15) Methyl Acetate	2.368	43	256448	103.178	ug/L	99
16) Methylene chloride	2.445	84	314871	95.528	ug/L	99
17) trans-1,2-Dichloroethene	2.693	96	301134	98.458	ug/L	99
18) Methyl tert-butyl Ether	2.699	73	924244	102.969	ug/L	99
19) 1,1-Dichloroethane	3.111	63	527665	96.570	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	337276	102.399	ug/L	97
22) 2-Butanone	3.857	43	400072	213.144	ug/L	99
23) Bromochloromethane	4.143	128	180040	97.712	ug/L	99
25) Chloroform	4.275	83	583780	96.822	ug/L	99
27) 1,2-Dichloroethane	5.037	62	453706	99.756	ug/L	99
29) Cyclohexane	4.584	56	440458	104.814	ug/L	99
30) 1,1,1-Trichloroethane	4.513	97	525371	98.038	ug/L	100
31) Carbon tetrachloride	4.735	117	472512	98.601	ug/L	99
33) Benzene	5.008	78	1213178	102.151	ug/L	100
34) Trichloroethene	5.831	95	322706	99.980	ug/L	99
35) Methylcyclohexane	6.050	83	502426	103.288	ug/L	99
37) 1,2-Dichloropropane	6.092	63	304625	102.708	ug/L	100
38) Bromodichloromethane	6.432	83	445796	100.758	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	520259	105.471	ug/L	100
40) 4-Methyl-2-pentanone	7.156	43	704605	222.772	ug/L	100
42) Toluene	7.313	91	1349354	104.119	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	521530	108.848	ug/L	99

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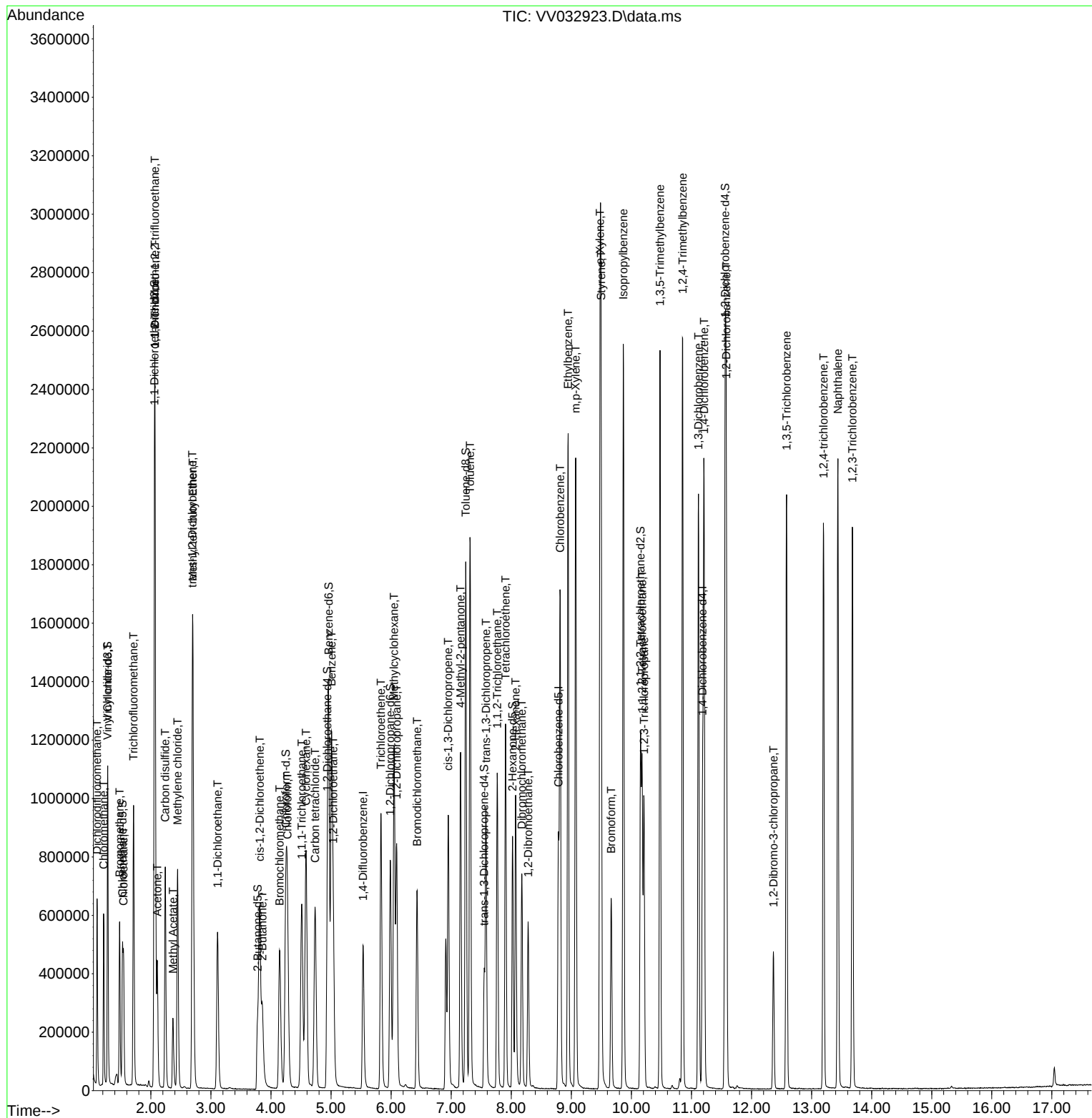
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.767	97	328820	99.906	ug/L	99
46) Tetrachloroethene	7.905	164	273187	98.390	ug/L	99
48) 2-Hexanone	8.072	43	596913	228.261	ug/L	99
49) Dibromochloromethane	8.175	129	366630	103.402	ug/L	98
50) 1,2-Dibromoethane	8.281	107	357219	101.968	ug/L	99
51) Chlorobenzene	8.815	112	898666	100.100	ug/L	100
52) Ethylbenzene	8.947	91	1518179	105.780	ug/L	98
53) m,p-Xylene	9.072	106	594296	107.690	ug/L	98
54) o-Xylene	9.477	106	576782	108.394	ug/L	99
55) Styrene	9.497	104	1037001	110.486	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.178	83	510450	100.810	ug/L	98
59) Bromoform	9.664	173	282952	103.426	ug/L	98
60) Isopropylbenzene	9.866	105	1579917	103.783	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	368132	97.796	ug/L	99
62) 1,3,5-Trimethylbenzene	10.477	105	1261430	109.232	ug/L	100
63) 1,2,4-Trimethylbenzene	10.853	105	1335555	110.606	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	787241	99.151	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	814115	95.605	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	784998	98.318	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.365	75	106080	100.835	ug/L	94
69) 1,3,5-Trichlorobenzene	12.583	180	600899	100.873	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	560679	104.780	ug/L	98
71) Naphthalene	13.439	128	1595920	113.492	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	557281	103.481	ug/L	99

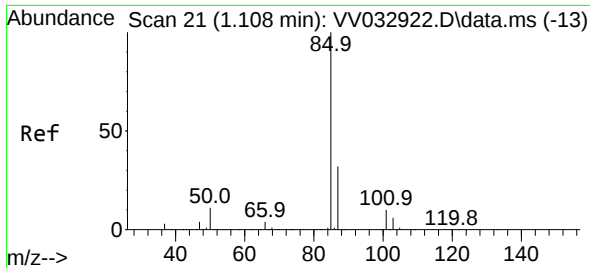
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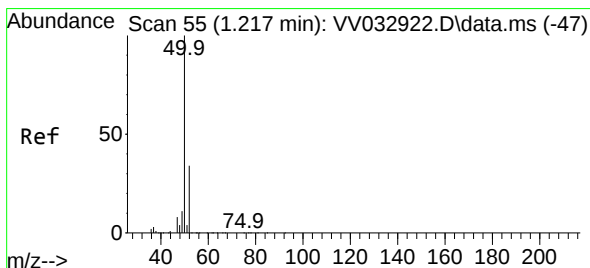
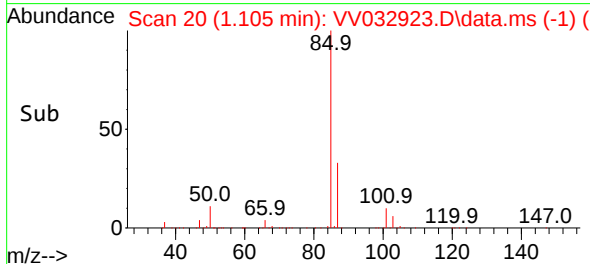
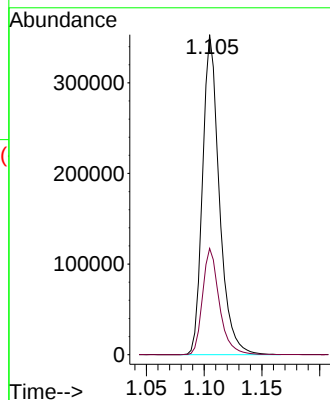
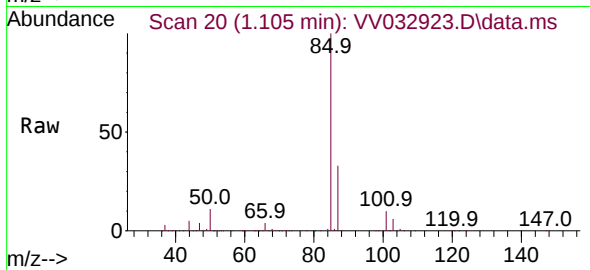




#2
Dichlorodifluoromethane
Concen: 94.384 ug/L
RT: 1.105 min Scan# 20
Delta R.T. -0.003 min
Lab File: VV032923.D
Acq: 13 Nov 2023 11:08

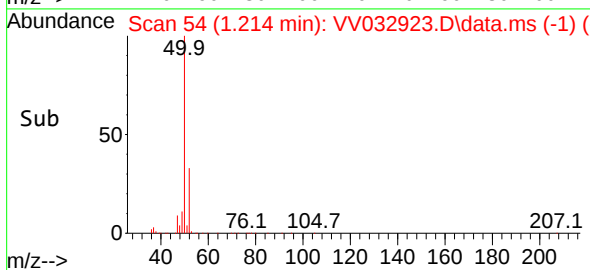
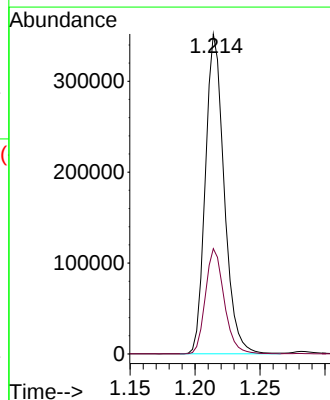
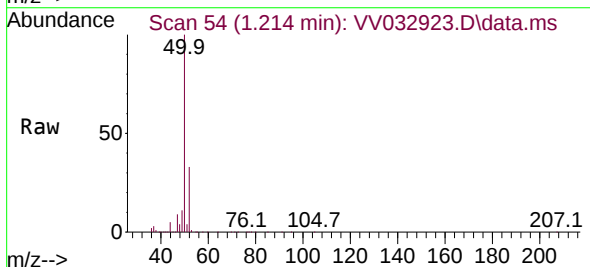
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ClientSampleId :

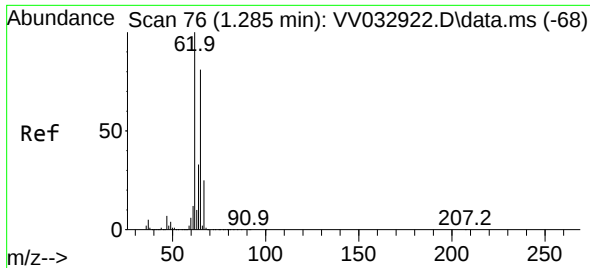
Tgt Ion: 85 Resp: 356483
Ion Ratio Lower Upper
85 100
87 33.0 25.8 38.8



#3
Chloromethane
Concen: 94.975 ug/L
RT: 1.214 min Scan# 54
Delta R.T. -0.003 min
Lab File: VV032923.D
Acq: 13 Nov 2023 11:08

Tgt Ion: 50 Resp: 354443
Ion Ratio Lower Upper
50 100
52 32.9 23.6 43.8

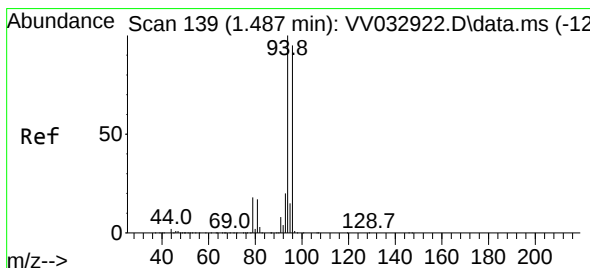
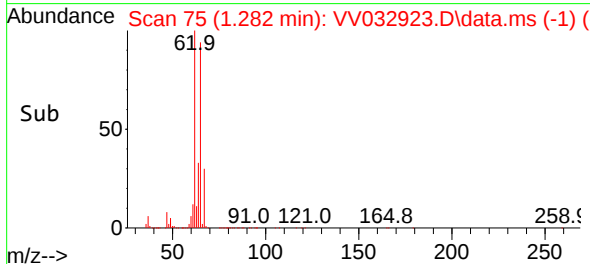
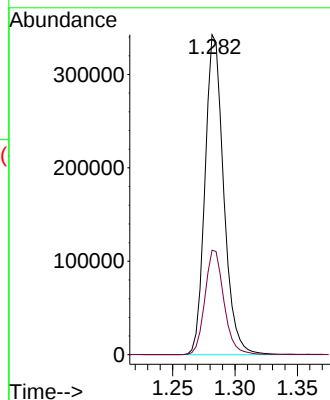
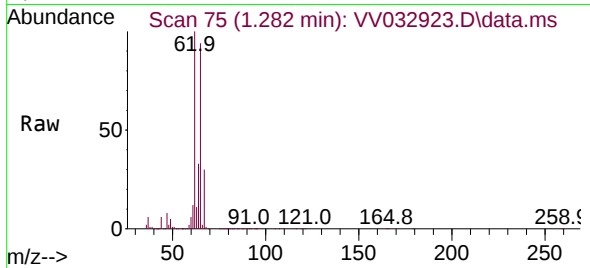




#5
 Vinyl chloride
 Concen: 95.346 ug/L
 RT: 1.282 min Scan# 76
 Delta R.T. -0.003 min
 Lab File: VV032923.D
 Acq: 13 Nov 2023 11:08

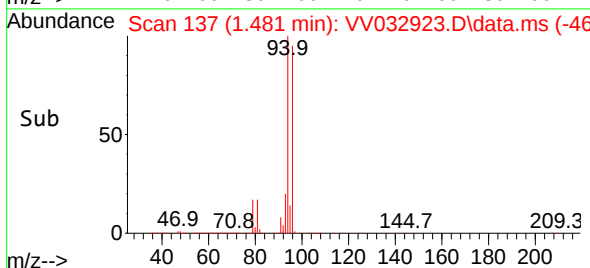
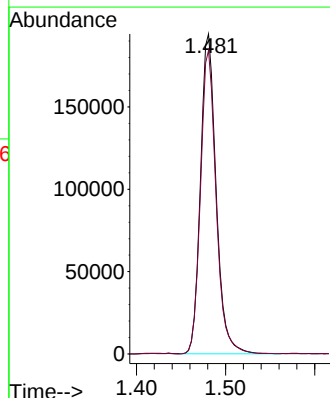
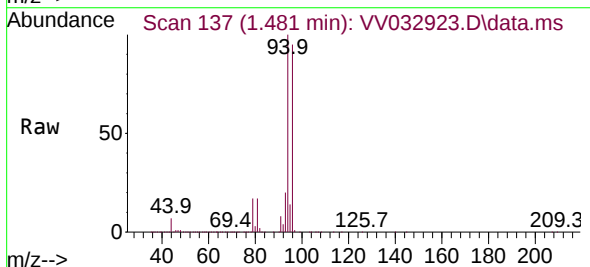
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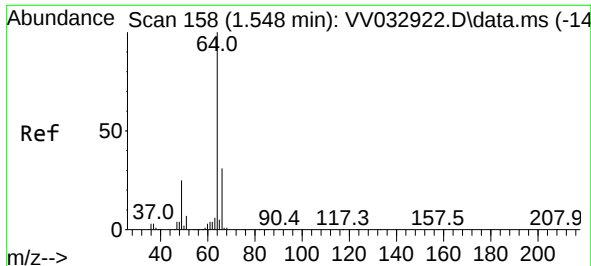
Tgt Ion: 62 Resp: 358030
 Ion Ratio Lower Upper
 62 100
 64 32.6 23.1 42.9



#6
 Bromomethane
 Concen: 95.517 ug/L
 RT: 1.481 min Scan# 137
 Delta R.T. -0.006 min
 Lab File: VV032923.D
 Acq: 13 Nov 2023 11:08

Tgt Ion: 94 Resp: 237762
 Ion Ratio Lower Upper
 94 100
 96 94.9 66.0 122.6

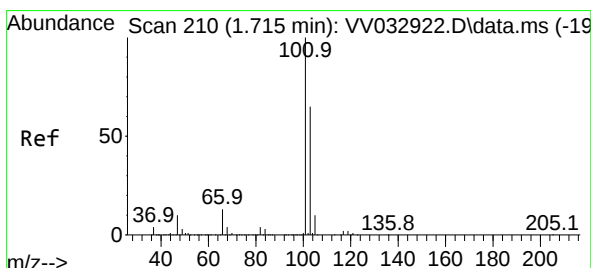
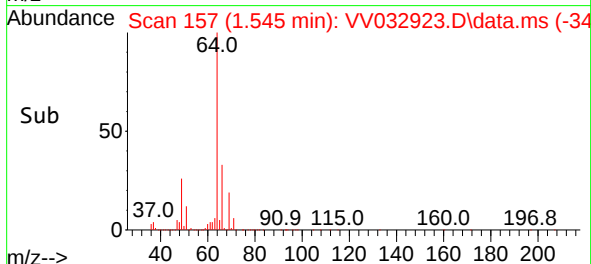
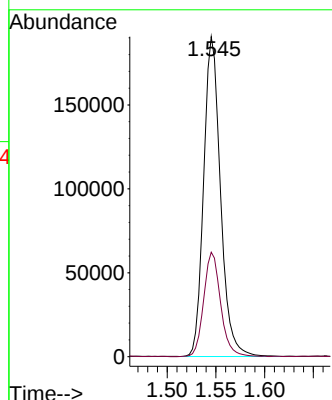
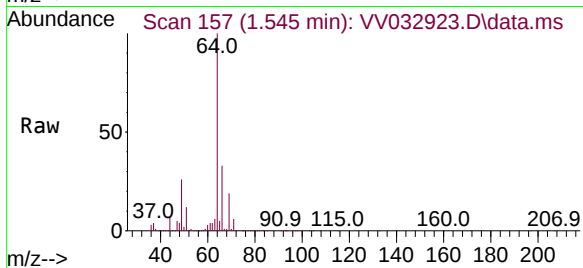




#8
Chloroethane
Concen: 96.531 ug/L
RT: 1.545 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV032923.D
Acq: 13 Nov 2023 11:08

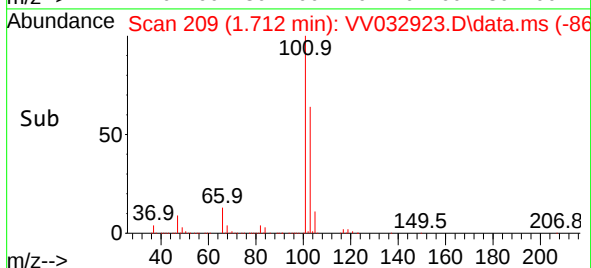
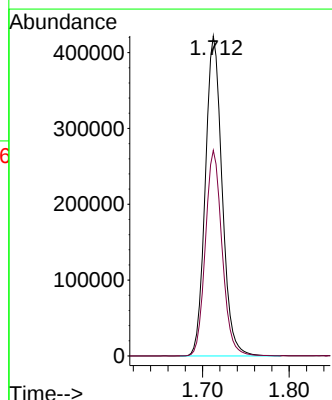
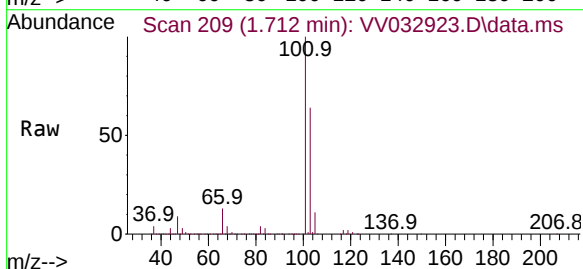
Instrument :
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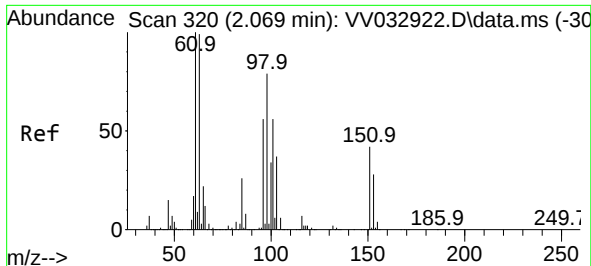
Tgt Ion: 64 Resp: 228908
Ion Ratio Lower Upper
64 100
66 32.6 22.0 40.8



#9
Trichlorofluoromethane
Concen: 95.341 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.003 min
Lab File: VV032923.D
Acq: 13 Nov 2023 11:08

Tgt Ion: 101 Resp: 568437
Ion Ratio Lower Upper
101 100
103 63.9 51.2 76.8

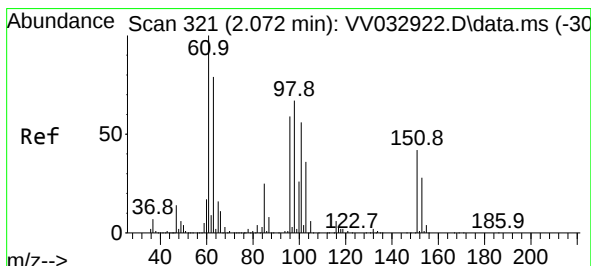
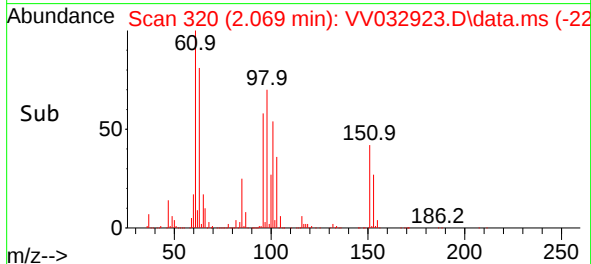
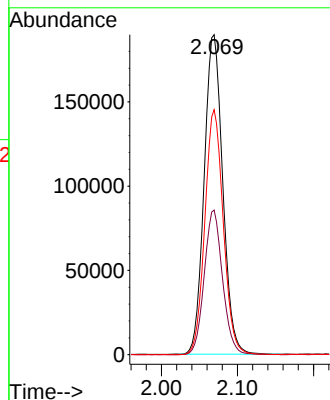
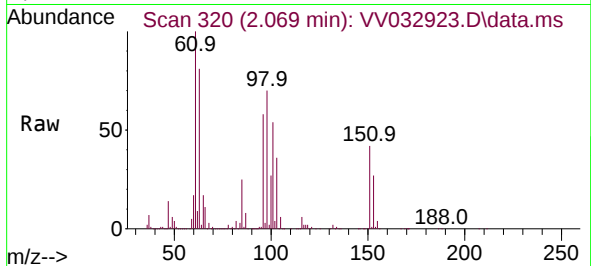




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 93.221 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV032923.D
 Acq: 13 Nov 2023 11:08

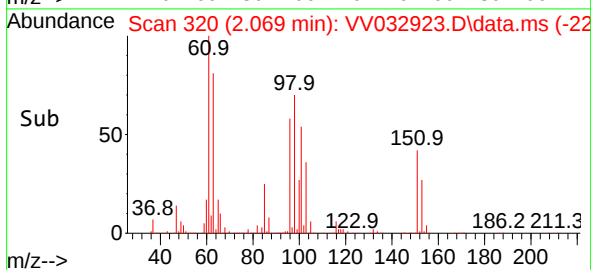
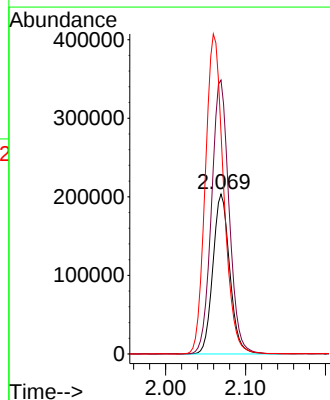
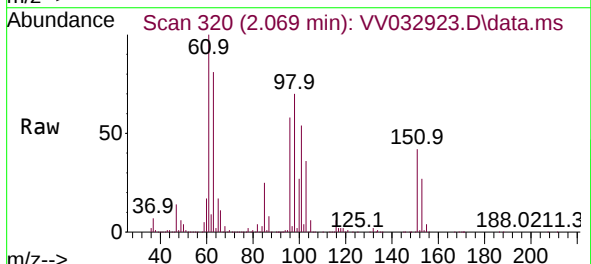
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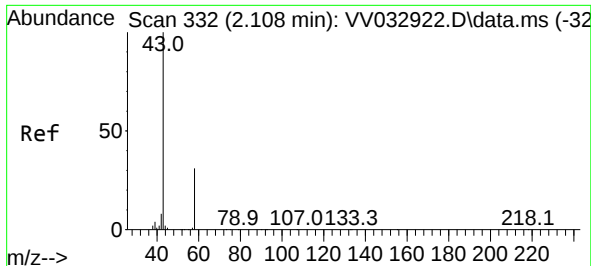
Tgt Ion:101 Resp: 321974
 Ion Ratio Lower Upper
 101 100
 85 44.6 35.9 53.9
 151 76.1 60.6 91.0



#12
 1,1-Dichloroethene
 Concen: 96.496 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. -0.003 min
 Lab File: VV032923.D
 Acq: 13 Nov 2023 11:08

Tgt Ion: 96 Resp: 298125
 Ion Ratio Lower Upper
 96 100
 61 171.4 119.6 222.0
 63 138.8 95.1 176.7





#13

Acetone

Concen: 185.700 ug/L

RT: 2.108 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV032923.D

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Instrument :

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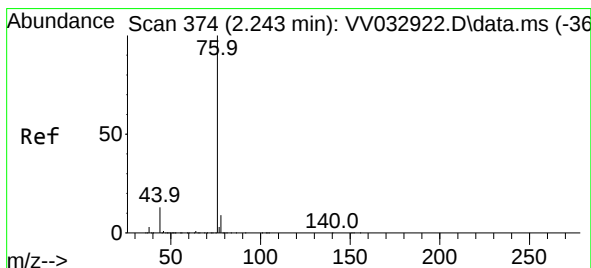
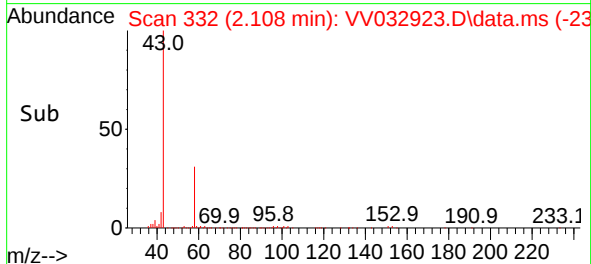
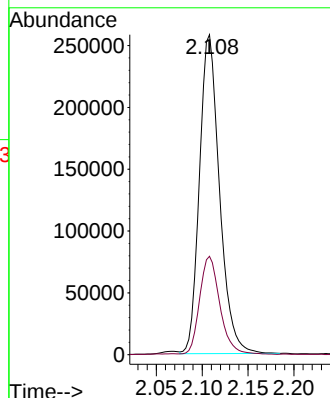
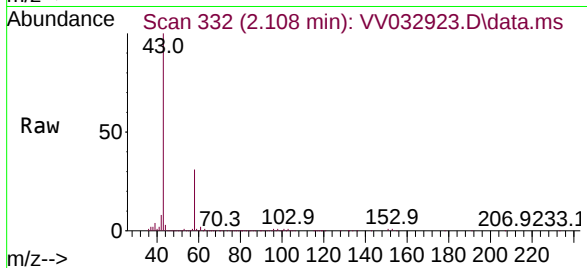
ClientSampleId :

Tgt Ion: 43 Resp: 392565

Ion Ratio Lower Upper

43 100

58 31.1 0.0 62.8



#14

Carbon disulfide

Concen: 97.478 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.003 min

Lab File: VV032923.D

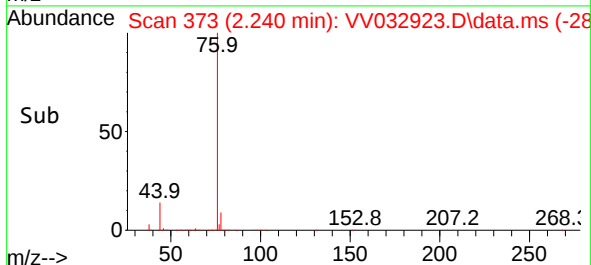
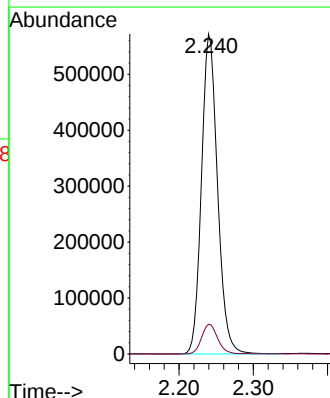
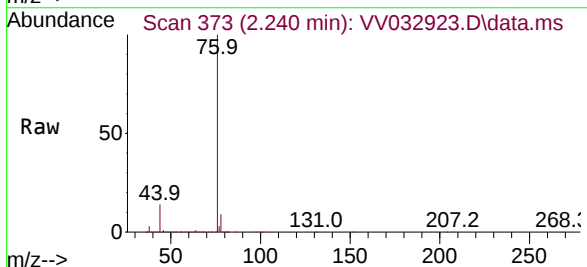
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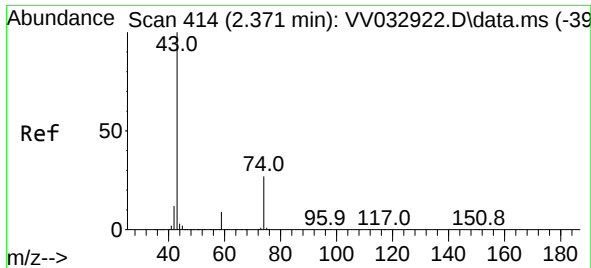
Tgt Ion: 76 Resp: 857617

Ion Ratio Lower Upper

76 100

78 9.3 7.2 10.8

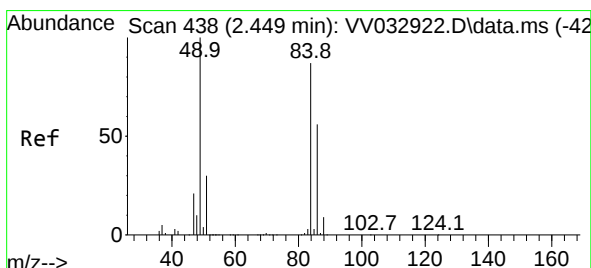
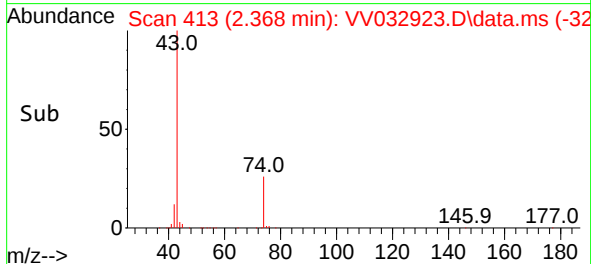
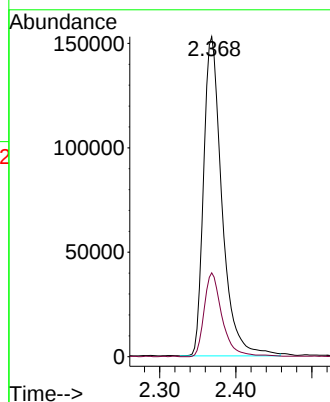
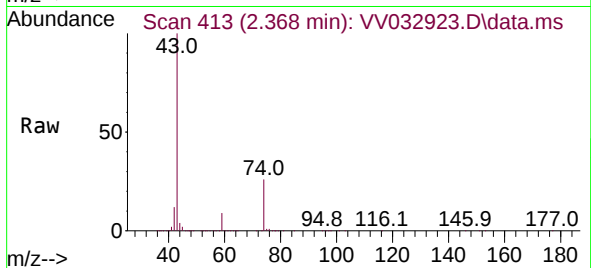




#15
Methyl Acetate
Concen: 103.178 ug/L
RT: 2.368 min Scan# 414
Delta R.T. -0.003 min
Lab File: VV032923.D
Acq: 13 Nov 2023 11:08

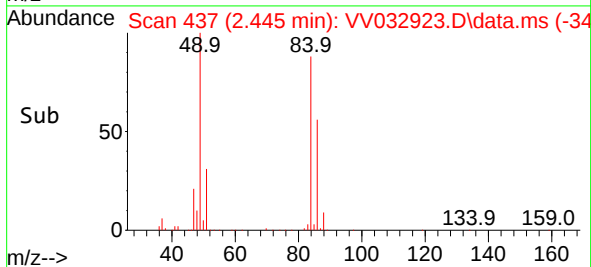
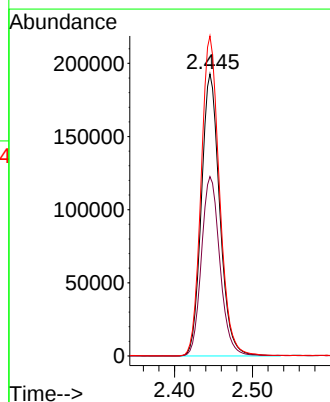
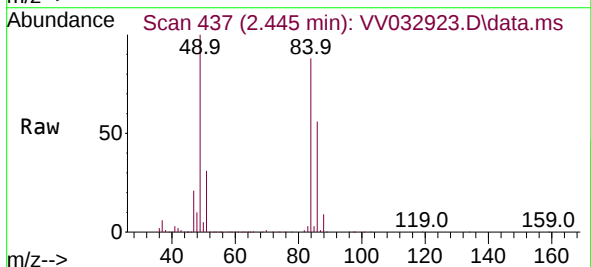
Instrument :
MSVOA_V
ClientSampleId :

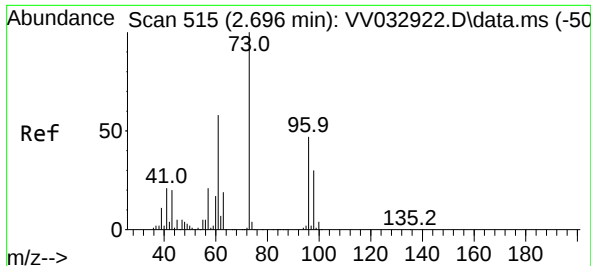
Tgt Ion: 43 Resp: 256448
Ion Ratio Lower Upper
43 100
74 25.5 20.8 31.2



#16
Methylene chloride
Concen: 95.528 ug/L
RT: 2.445 min Scan# 437
Delta R.T. -0.003 min
Lab File: VV032923.D
Acq: 13 Nov 2023 11:08

Tgt Ion: 84 Resp: 314871
Ion Ratio Lower Upper
84 100
86 63.6 45.3 84.1
49 113.4 80.6 149.6





#17

trans-1,2-Dichloroethene

Concen: 98.458 ug/L

RT: 2.693 min Scan# 515

Delta R.T. -0.003 min

Lab File: VV032923.D

Acq: 13 Nov 2023 11:08

Instrument :

MSVOA_V

ClientSampleId :

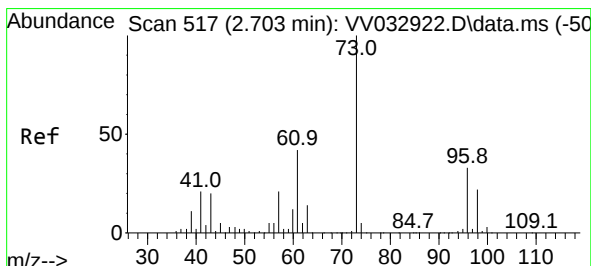
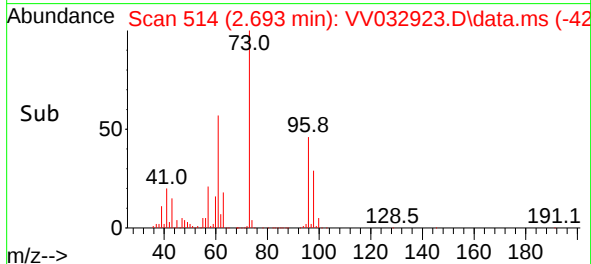
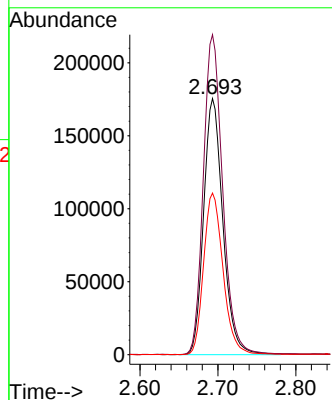
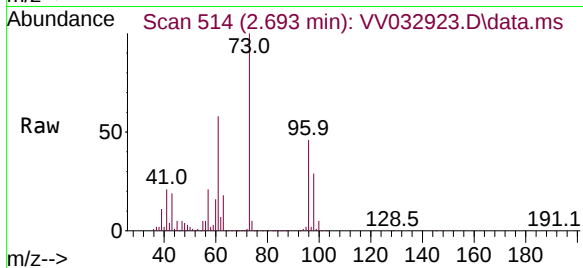
Tgt Ion: 96 Resp: 301134

Ion Ratio Lower Upper

96 100

61 124.9 86.9 161.5

98 63.1 44.4 82.5



#18

Methyl tert-butyl Ether

Concen: 102.969 ug/L

RT: 2.699 min Scan# 516

Delta R.T. -0.003 min

Lab File: VV032923.D

Acq: 13 Nov 2023 11:08

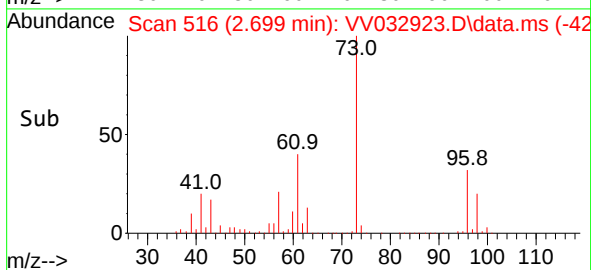
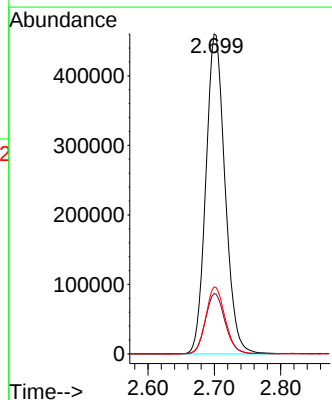
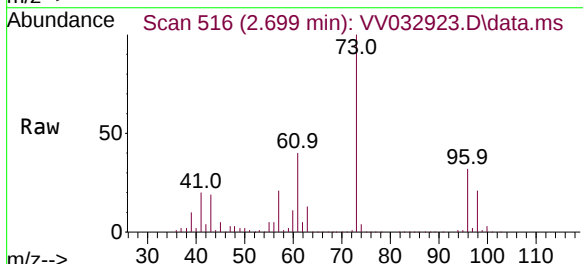
Tgt Ion: 73 Resp: 924244

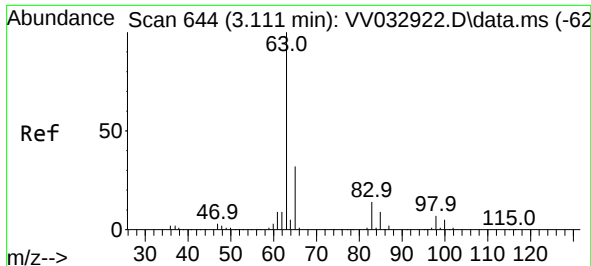
Ion Ratio Lower Upper

73 100

43 19.2 15.7 23.5

57 21.1 17.0 25.4





#19

1,1-Dichloroethane

Concen: 96.570 ug/L

RT: 3.111 min Scan# 64

Delta R.T. 0.000 min

Lab File: VV032923.D

Acq: 13 Nov 2023 11:08

Instrument :

MSVOA_V

ClientSampleId :

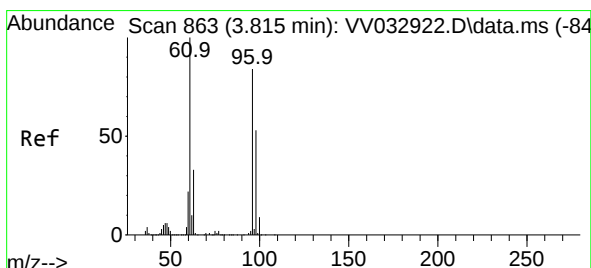
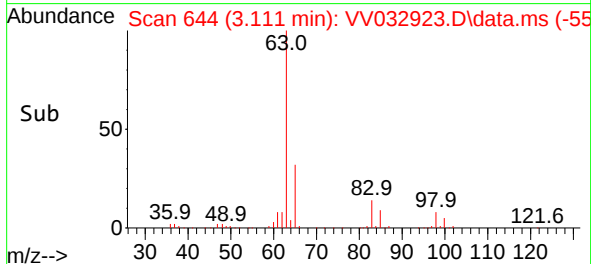
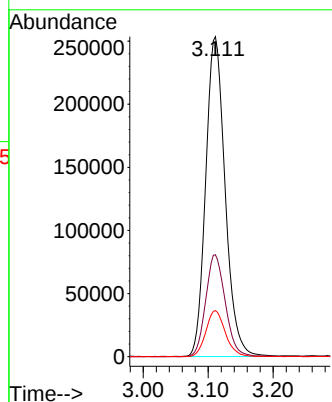
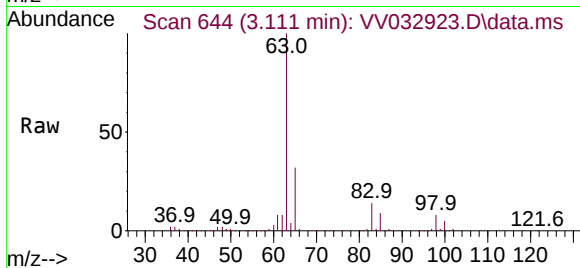
Tgt Ion: 63 Resp: 527665

Ion Ratio Lower Upper

63 100

65 31.9 22.0 41.0

83 14.4 9.7 18.1



#20

cis-1,2-Dichloroethene

Concen: 102.399 ug/L

RT: 3.812 min Scan# 862

Delta R.T. -0.003 min

Lab File: VV032923.D

Acq: 13 Nov 2023 11:08

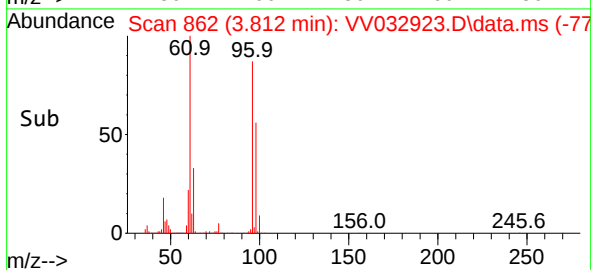
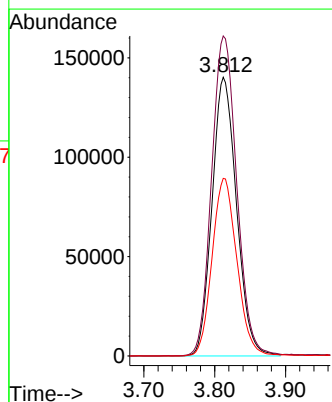
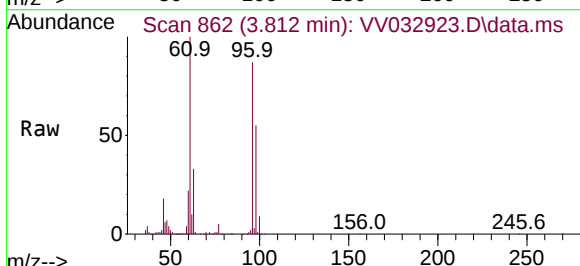
Tgt Ion: 96 Resp: 337276

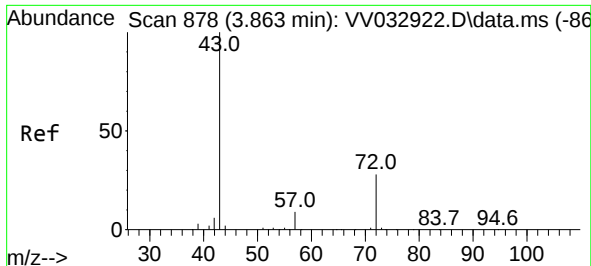
Ion Ratio Lower Upper

96 100

61 114.8 83.5 155.1

98 63.7 44.0 81.8

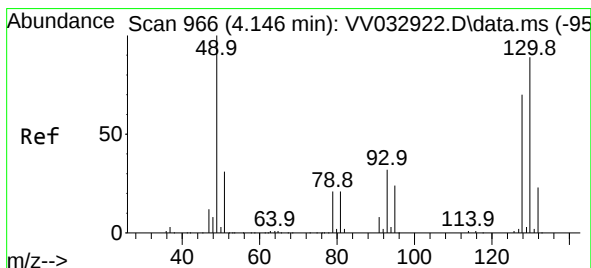
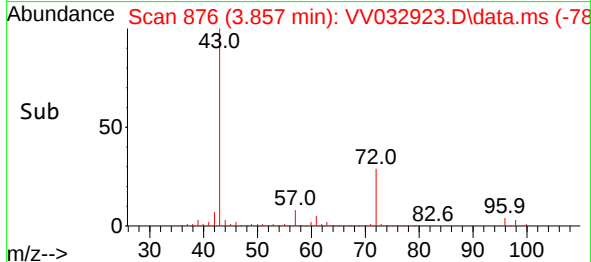
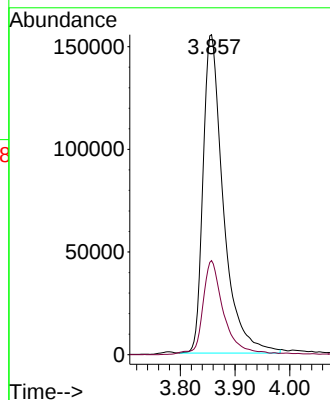
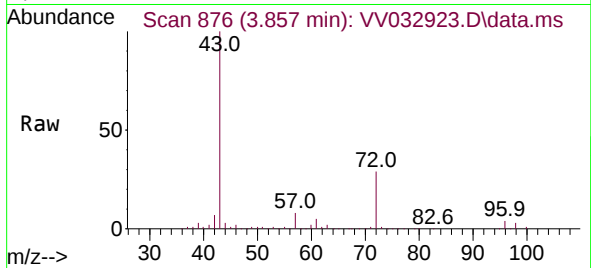




#22
2-Butanone
Concen: 213.144 ug/L
RT: 3.857 min Scan# 81
Delta R.T. -0.006 min
Lab File: VV032923.D
Acq: 13 Nov 2023 11:08

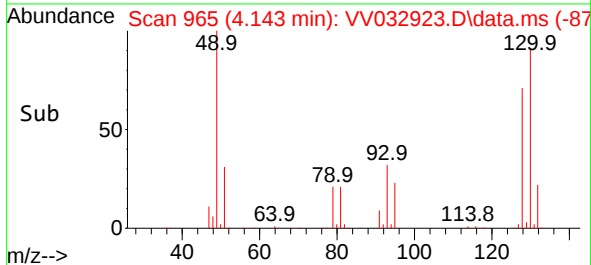
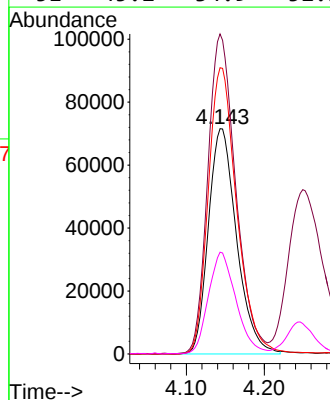
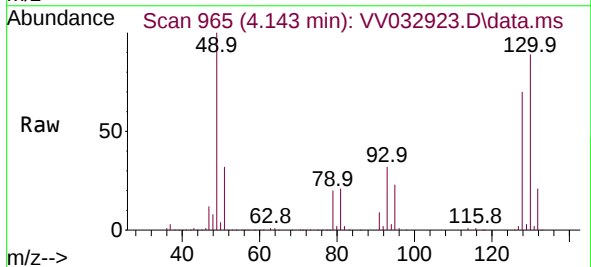
Instrument :
MSVOA_V
ClientSampleId :

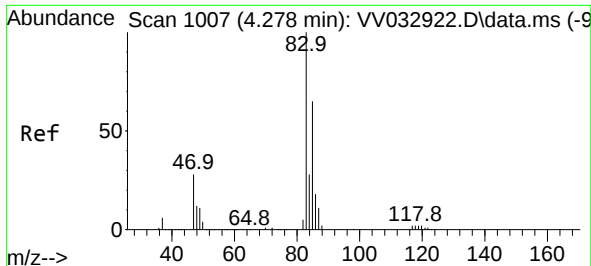
Tgt Ion: 43 Resp: 400072
Ion Ratio Lower Upper
43 100
72 27.3 14.0 41.9



#23
Bromochloromethane
Concen: 97.712 ug/L
RT: 4.143 min Scan# 965
Delta R.T. -0.003 min
Lab File: VV032923.D
Acq: 13 Nov 2023 11:08

Tgt Ion:128 Resp: 180040
Ion Ratio Lower Upper
128 100
49 142.0 99.7 185.1
130 127.0 88.7 164.7
51 45.2 34.9 52.3

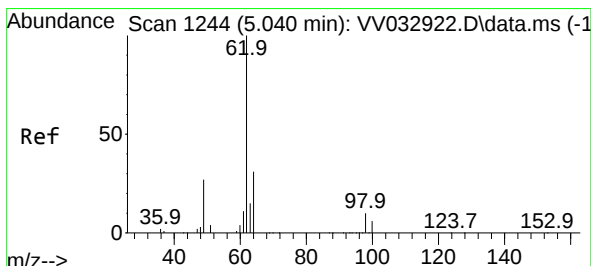
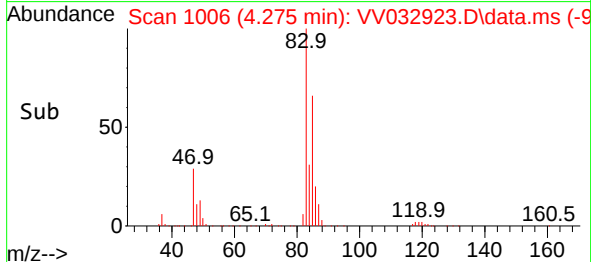
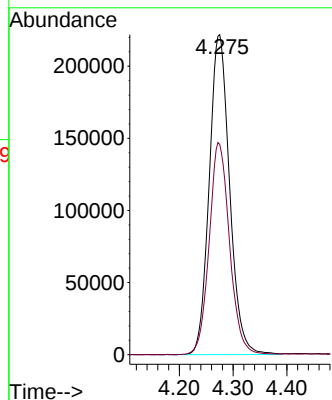
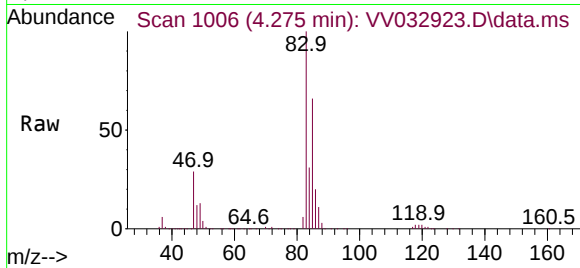




#25
Chloroform
Concen: 96.822 ug/L
RT: 4.275 min Scan# 1007
Delta R.T. -0.003 min
Lab File: VV032923.D
Acq: 13 Nov 2023 11:08

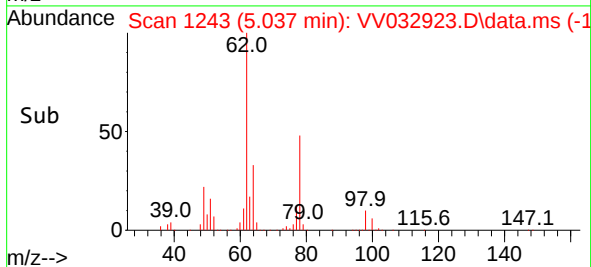
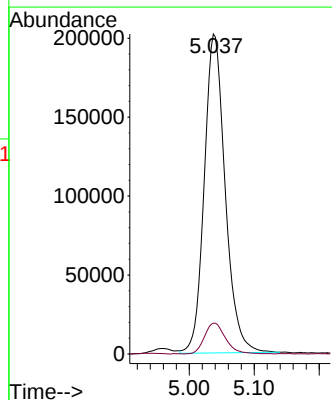
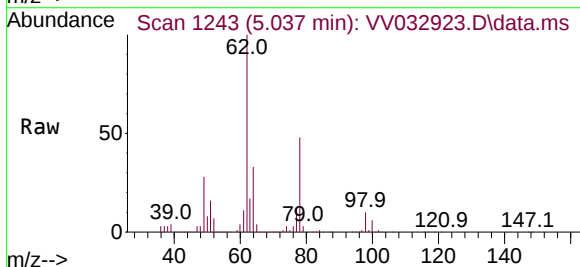
Instrument :
MSVOA_V
ClientSampleId :

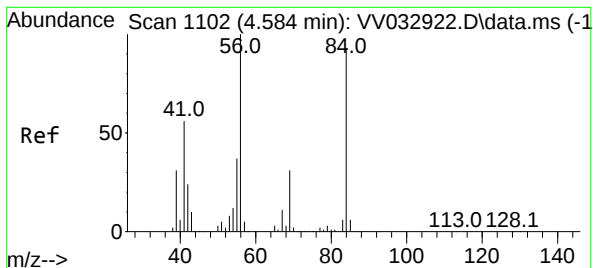
Tgt Ion: 83 Resp: 583780
Ion Ratio Lower Upper
83 100
85 65.7 45.5 84.5



#27
1,2-Dichloroethane
Concen: 99.756 ug/L
RT: 5.037 min Scan# 1243
Delta R.T. -0.003 min
Lab File: VV032923.D
Acq: 13 Nov 2023 11:08

Tgt Ion: 62 Resp: 453706
Ion Ratio Lower Upper
62 100
98 9.6 8.0 12.0





#29

Cyclohexane

Concen: 104.814 ug/L

RT: 4.584 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VV032923.D

Acq: 13 Nov 2023 11:08

Instrument :

MSVOA_V

ClientSampleId :

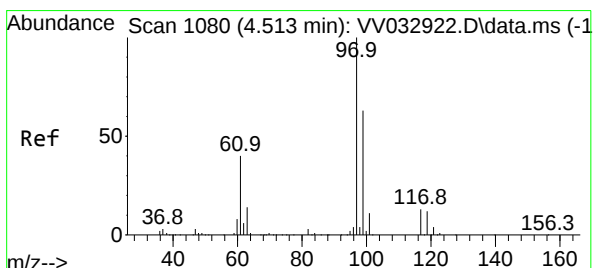
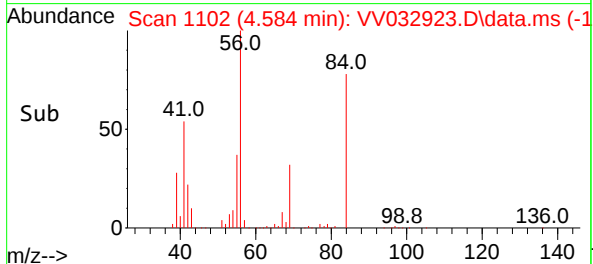
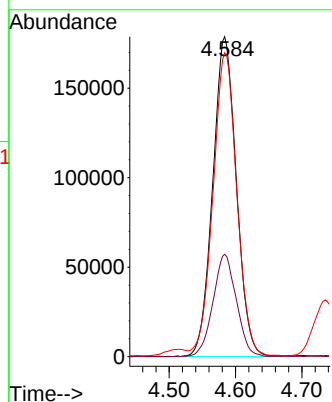
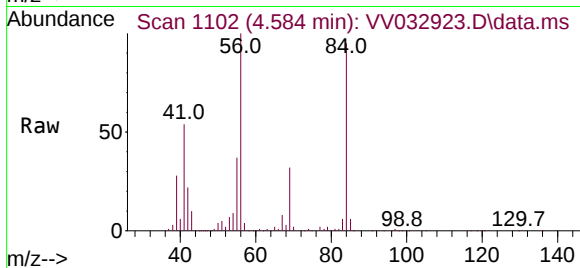
Tgt Ion: 56 Resp: 440458

Ion Ratio Lower Upper

56 100

69 31.8 24.7 37.1

84 95.0 76.6 115.0



#30

1,1,1-Trichloroethane

Concen: 98.038 ug/L

RT: 4.513 min Scan# 1080

Delta R.T. 0.000 min

Lab File: VV032923.D

Acq: 13 Nov 2023 11:08

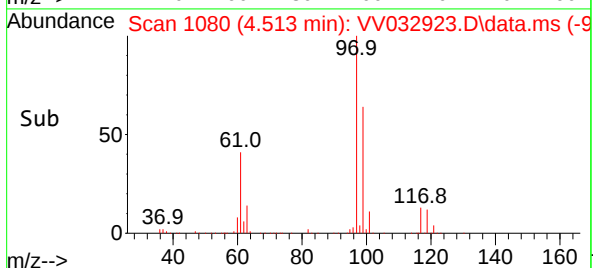
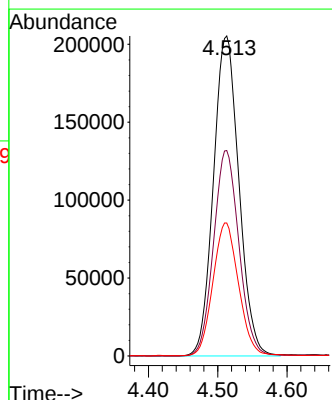
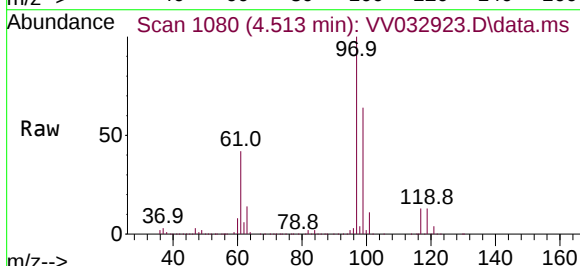
Tgt Ion: 97 Resp: 525371

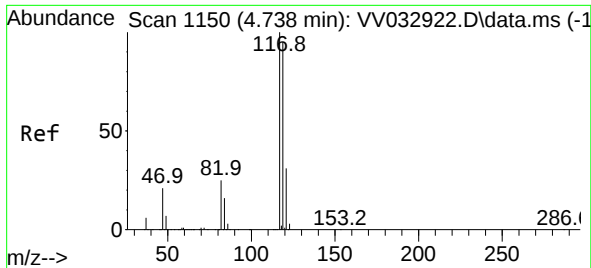
Ion Ratio Lower Upper

97 100

99 64.0 51.6 77.4

61 41.5 33.3 49.9

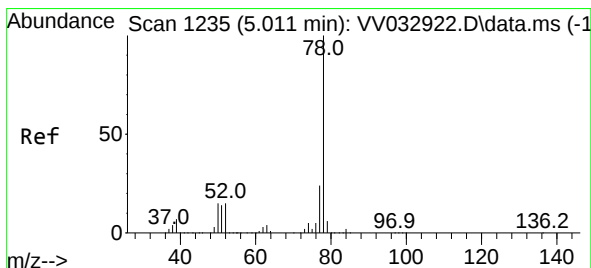
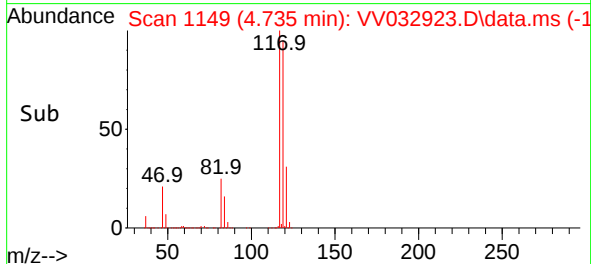
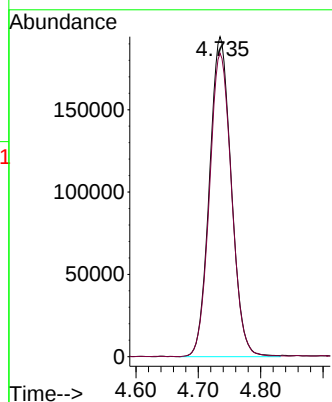
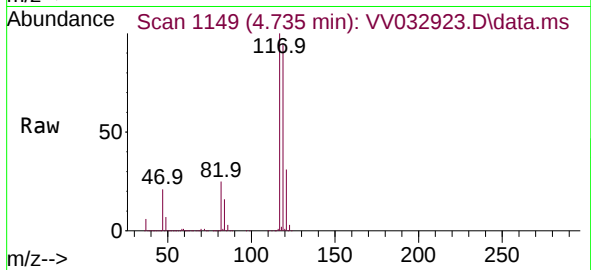




#31
Carbon tetrachloride
Concen: 98.601 ug/L
RT: 4.735 min Scan# 1150
Delta R.T. -0.003 min
Lab File: VV032923.D
Acq: 13 Nov 2023 11:08

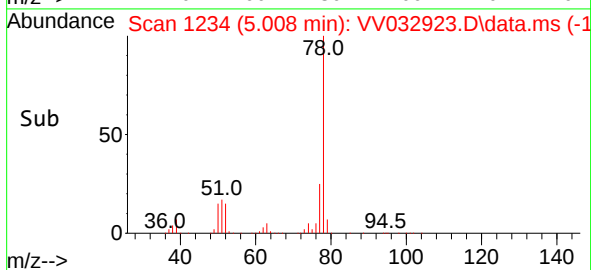
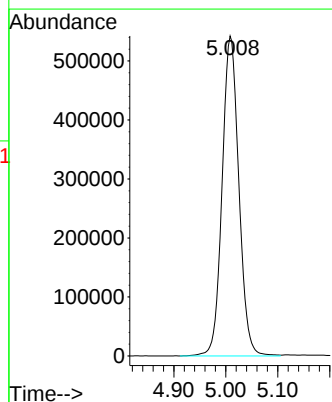
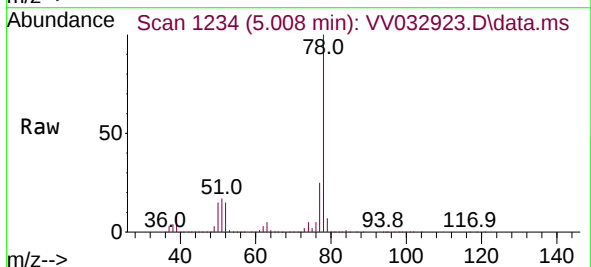
Instrument :
MSVOA_V
ClientSampleId :

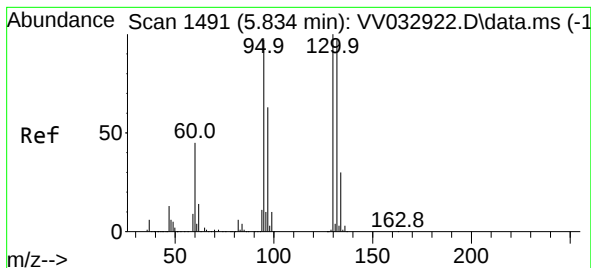
Tgt Ion:117 Resp: 472512
Ion Ratio Lower Upper
117 100
119 95.9 76.2 114.4



#33
Benzene
Concen: 102.151 ug/L
RT: 5.008 min Scan# 1234
Delta R.T. -0.003 min
Lab File: VV032923.D
Acq: 13 Nov 2023 11:08

Tgt Ion: 78 Resp: 1213178





#34

Trichloroethene

Concen: 99.980 ug/L

RT: 5.831 min Scan# 1491

Delta R.T. -0.003 min

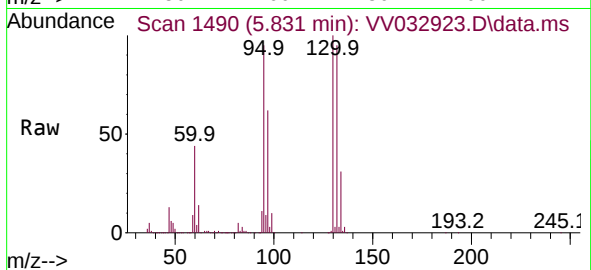
Lab File: VV032923.D

Acq: 13 Nov 2023 11:08

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 322706

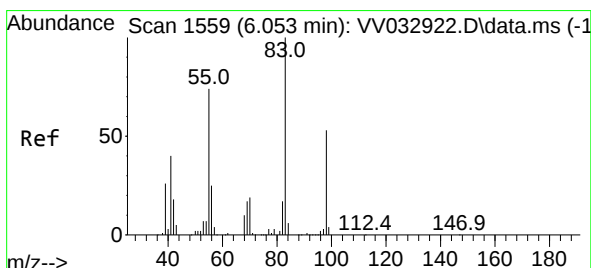
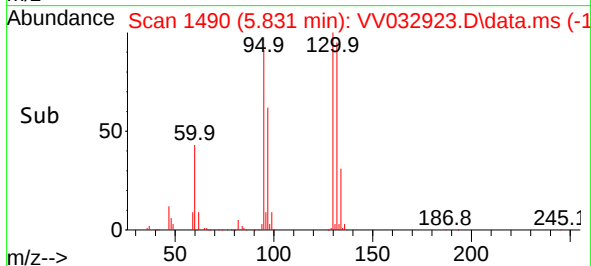
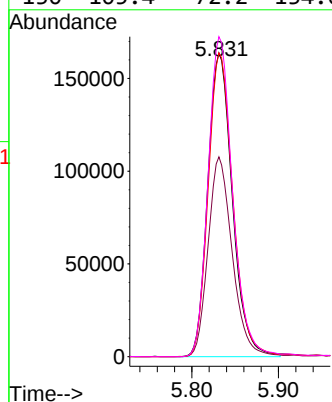
Ion Ratio Lower Upper

95 100

97 65.8 45.7 84.9

132 100.1 70.0 130.0

130 105.4 72.2 134.0



#35

Methylcyclohexane

Concen: 103.288 ug/L

RT: 6.050 min Scan# 1558

Delta R.T. -0.003 min

Lab File: VV032923.D

Acq: 13 Nov 2023 11:08

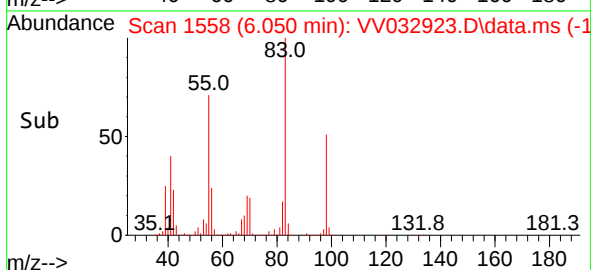
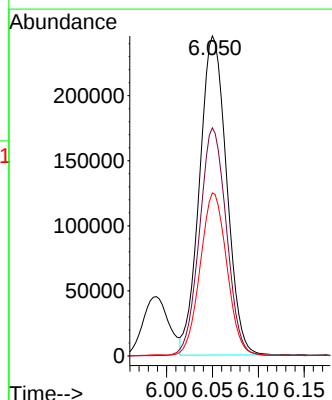
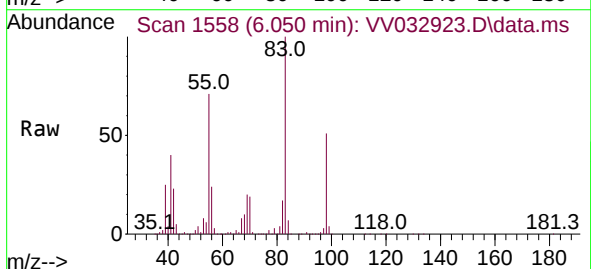
Tgt Ion: 83 Resp: 502426

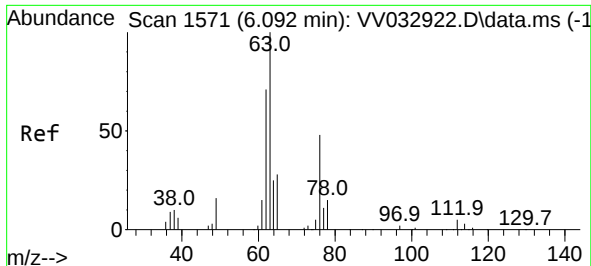
Ion Ratio Lower Upper

83 100

55 71.0 57.5 86.3

98 50.5 41.0 61.4





#37

1,2-Dichloropropane

Concen: 102.708 ug/L

RT: 6.092 min Scan# 1571

Delta R.T. 0.000 min

Lab File: VV032923.D

Acq: 13 Nov 2023 11:08

Instrument :

MSVOA_V

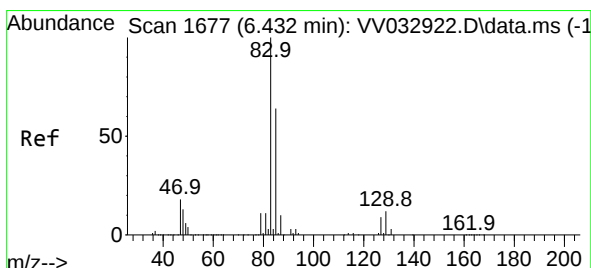
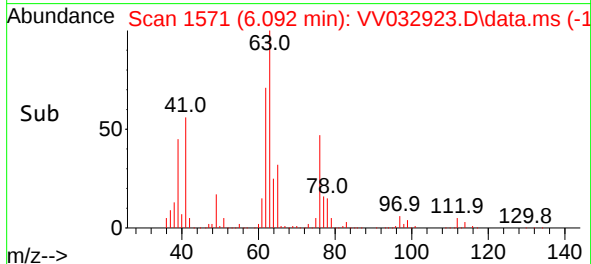
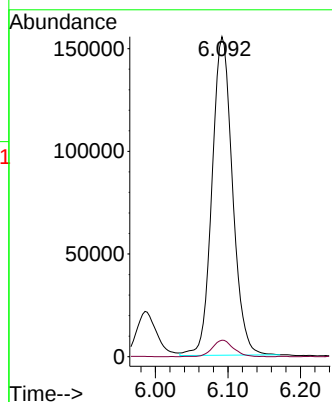
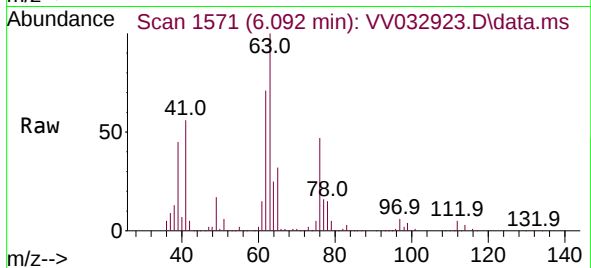
ClientSampleId :

Tgt Ion: 63 Resp: 304625

Ion Ratio Lower Upper

63 100

112 5.3 4.2 6.4



#38

Bromodichloromethane

Concen: 100.758 ug/L

RT: 6.432 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VV032923.D

Acq: 13 Nov 2023 11:08

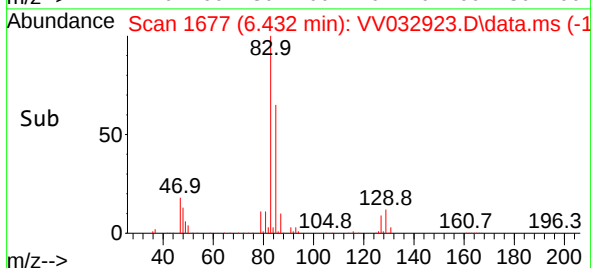
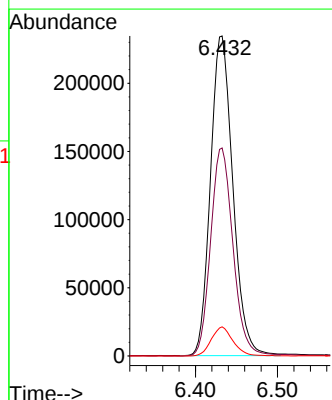
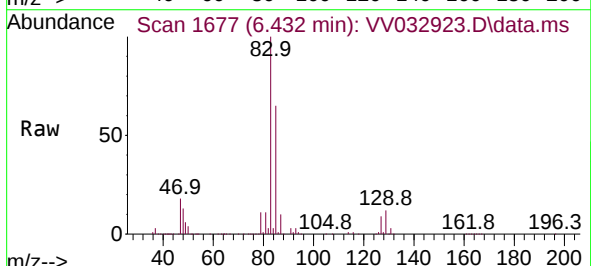
Tgt Ion: 83 Resp: 445796

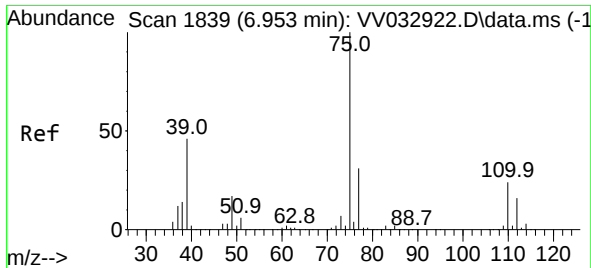
Ion Ratio Lower Upper

83 100

85 65.0 45.1 83.7

127 9.1 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 105.471 ug/L

RT: 6.950 min Scan# 1839

Delta R.T. -0.003 min

Lab File: VV032923.D

Acq: 13 Nov 2023 11:08

Instrument :

MSVOA_V

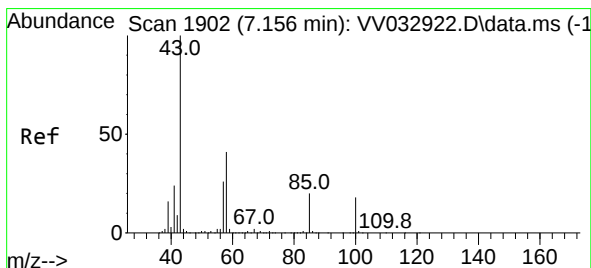
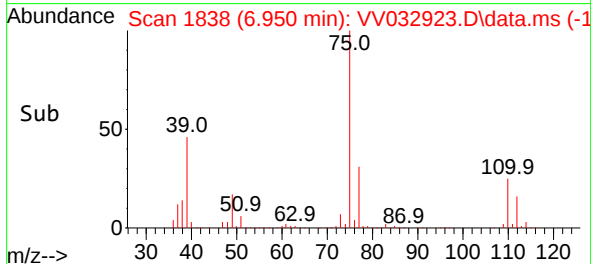
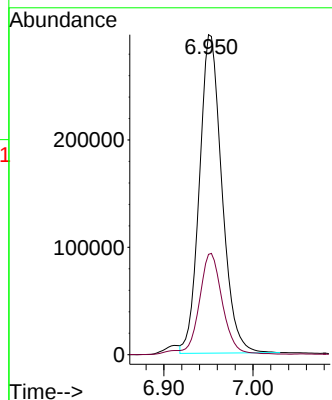
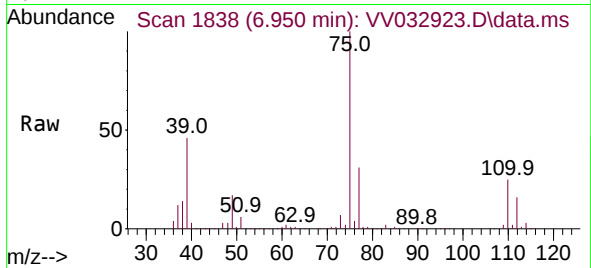
ClientSampleId :

Tgt Ion: 75 Resp: 520259

Ion Ratio Lower Upper

75 100

77 31.4 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 222.772 ug/L

RT: 7.156 min Scan# 1902

Delta R.T. 0.000 min

Lab File: VV032923.D

Acq: 13 Nov 2023 11:08

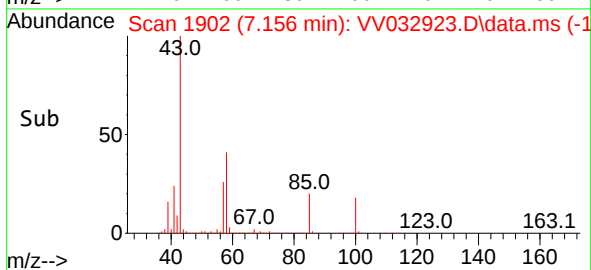
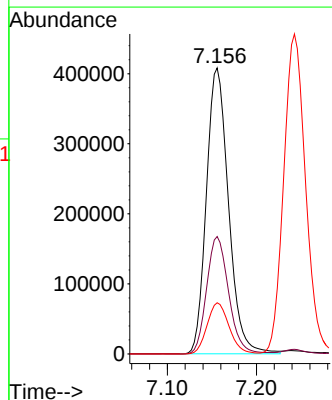
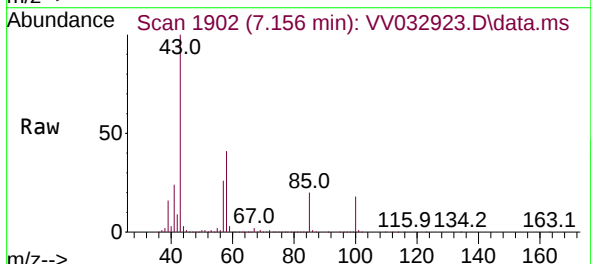
Tgt Ion: 43 Resp: 704605

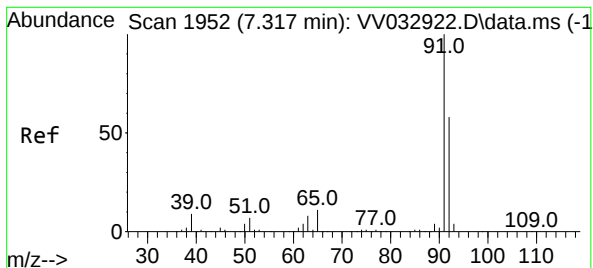
Ion Ratio Lower Upper

43 100

58 40.8 32.6 49.0

100 17.9 14.2 21.4





#42

Toluene

Concen: 104.119 ug/L

RT: 7.313 min Scan# 1951

Delta R.T. -0.003 min

Lab File: VV032923.D

Acq: 13 Nov 2023 11:08

Instrument :

MSVOA_V

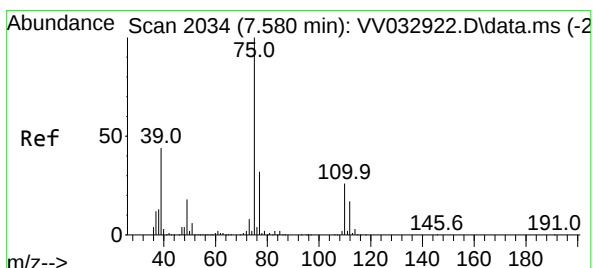
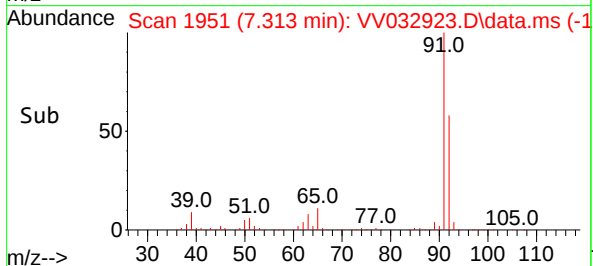
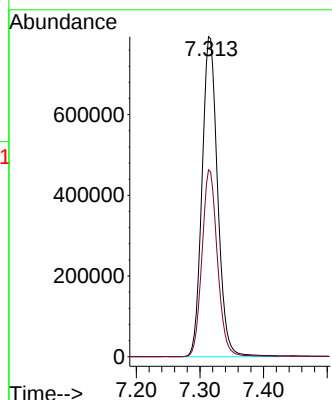
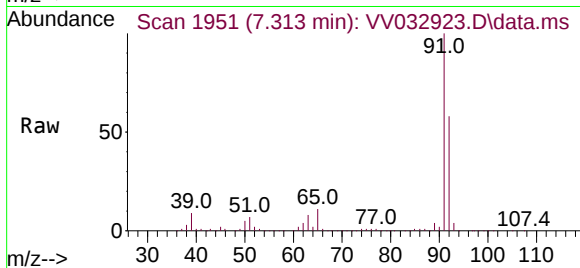
ClientSampleId :

Tgt Ion: 91 Resp: 1349354

Ion Ratio Lower Upper

91 100

92 58.4 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 108.848 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. 0.000 min

Lab File: VV032923.D

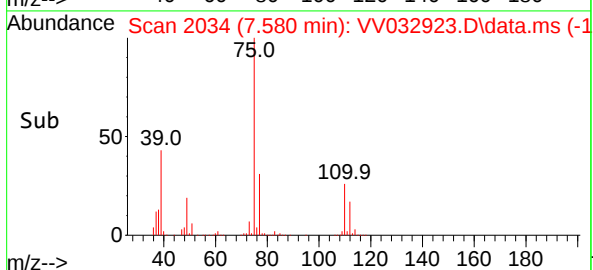
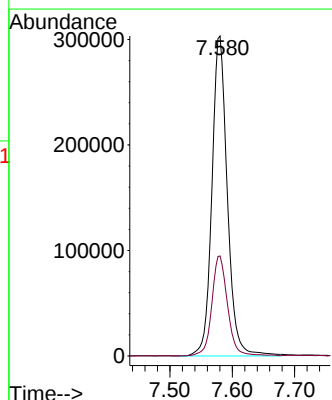
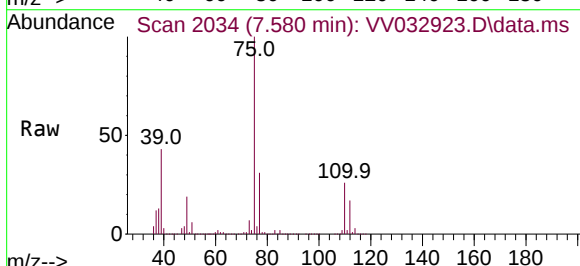
Acq: 13 Nov 2023 11:08

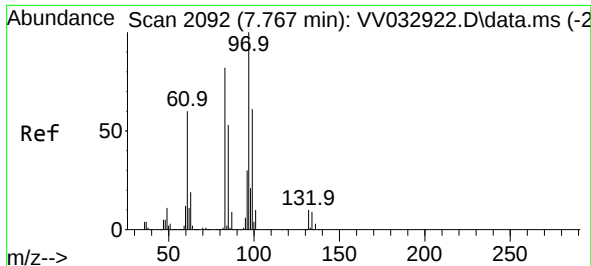
Tgt Ion: 75 Resp: 521530

Ion Ratio Lower Upper

75 100

77 31.2 22.3 41.3

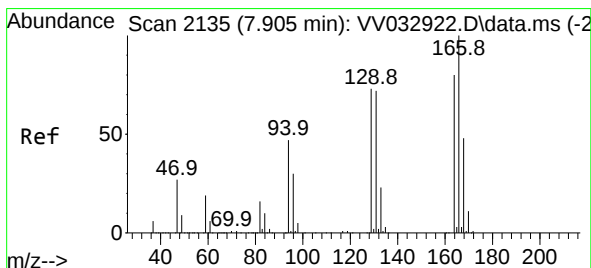
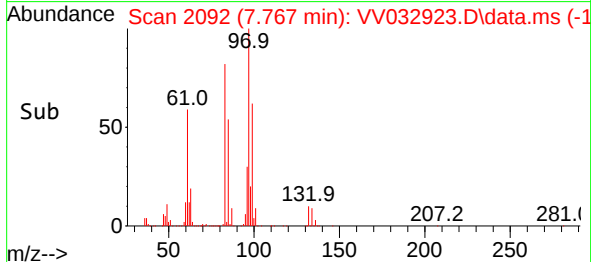
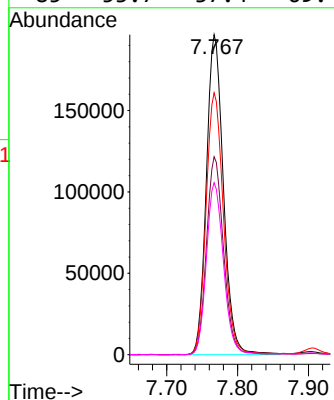
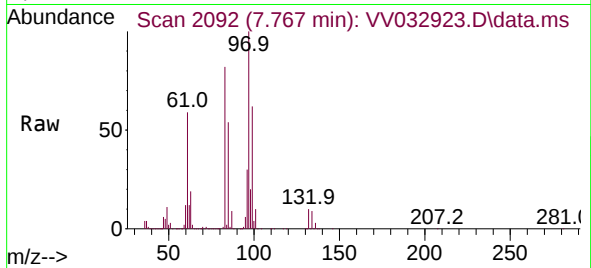




#45
1,1,2-Trichloroethane
Concen: 99.906 ug/L
RT: 7.767 min Scan# 2092
Delta R.T. 0.000 min
Lab File: VV032923.D
Acq: 13 Nov 2023 11:08

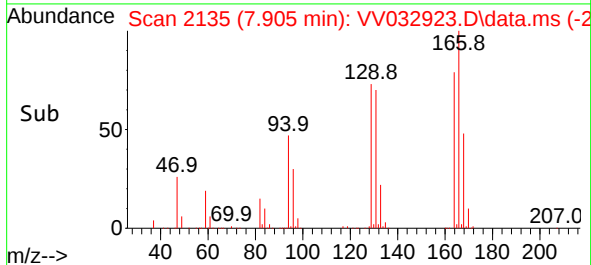
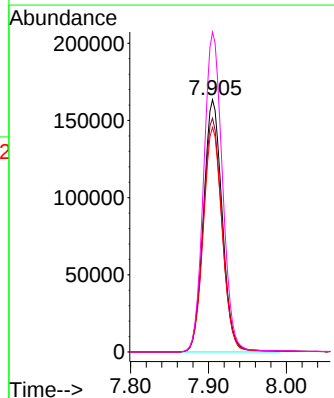
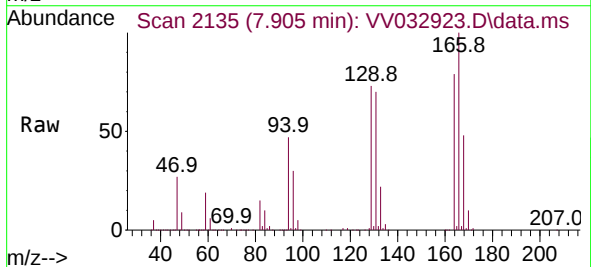
Instrument :
MSVOA_V
ClientSampleId :

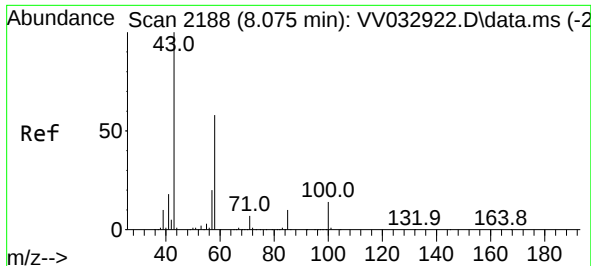
Tgt Ion: 97 Resp: 328820
Ion Ratio Lower Upper
97 100
99 61.9 42.8 79.4
83 81.8 57.4 106.6
85 53.7 37.4 69.4



#46
Tetrachloroethene
Concen: 98.390 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.000 min
Lab File: VV032923.D
Acq: 13 Nov 2023 11:08

Tgt Ion:164 Resp: 273187
Ion Ratio Lower Upper
164 100
129 92.6 64.2 119.2
131 89.0 63.5 117.9
166 126.8 87.7 162.9

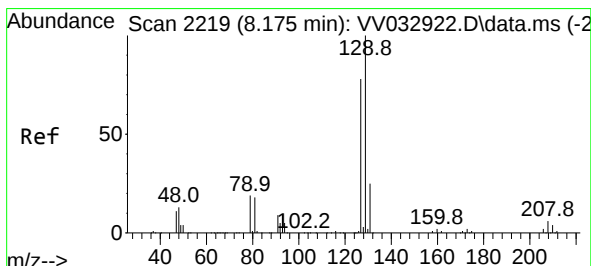
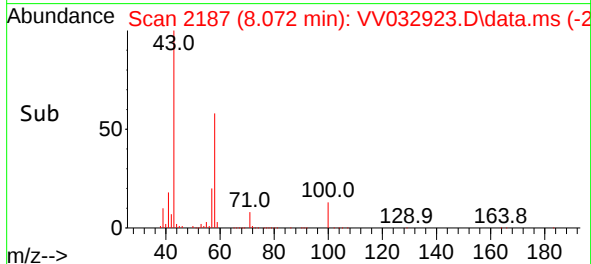
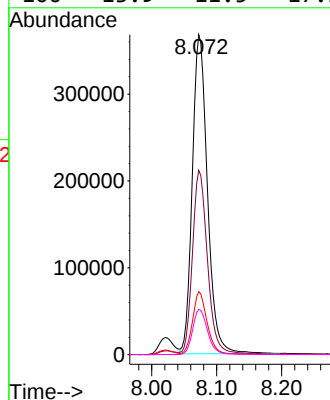
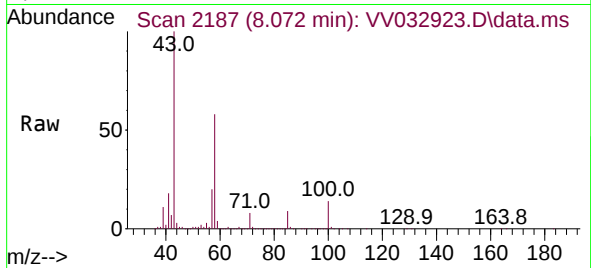




#48
2-Hexanone
Concen: 228.261 ug/L
RT: 8.072 min Scan# 2188
Delta R.T. -0.003 min
Lab File: VV032923.D
Acq: 13 Nov 2023 11:08

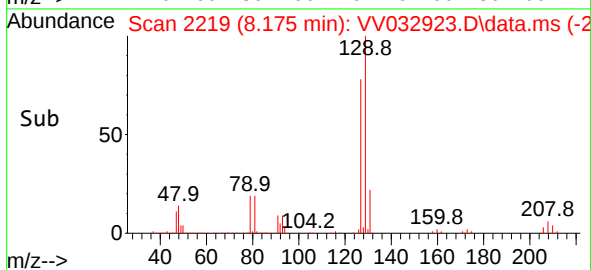
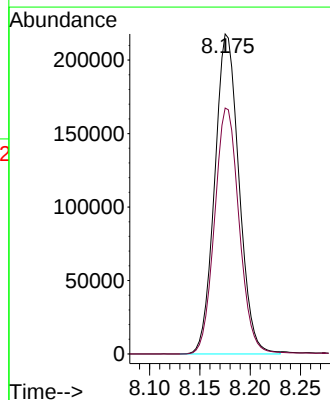
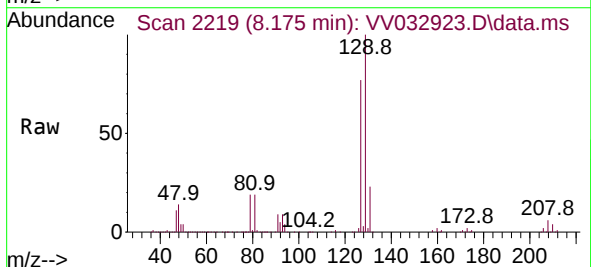
Instrument :
MSVOA_V
ClientSampleId :

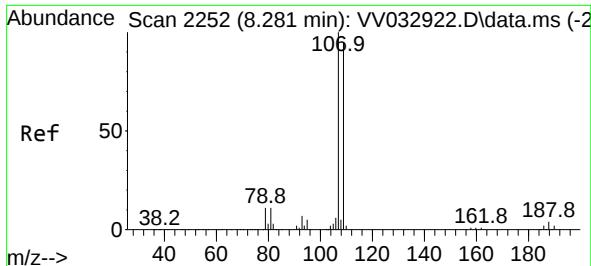
Tgt Ion: 43 Resp: 596913
Ion Ratio Lower Upper
43 100
58 56.3 44.8 67.2
57 19.3 15.2 22.8
100 13.9 11.5 17.3



#49
Dibromochloromethane
Concen: 103.402 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. 0.000 min
Lab File: VV032923.D
Acq: 13 Nov 2023 11:08

Tgt Ion: 129 Resp: 366630
Ion Ratio Lower Upper
129 100
127 76.8 55.1 102.3





#50

1,2-Dibromoethane

Concen: 101.968 ug/L

RT: 8.281 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV032923.D

Acq: 13 Nov 2023 11:08

Instrument :

MSVOA_V

ClientSampleId :

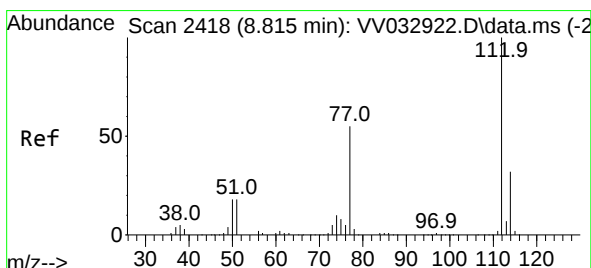
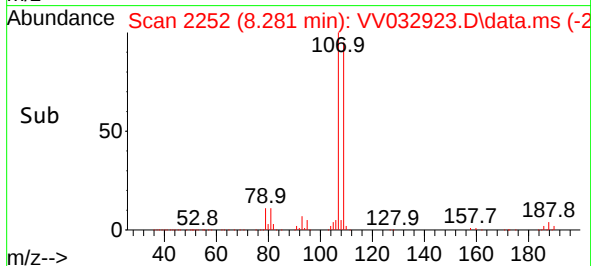
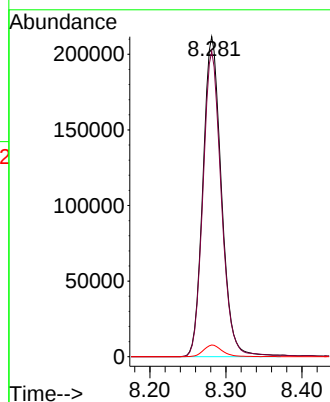
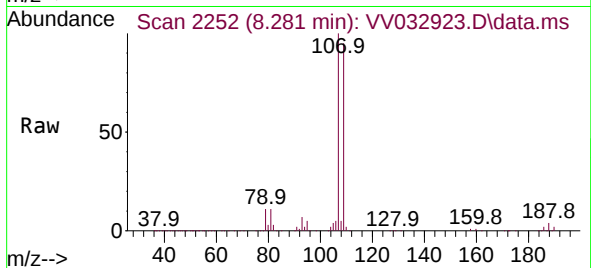
Tgt Ion:107 Resp: 357219

Ion Ratio Lower Upper

107 100

109 95.4 66.3 123.1

188 3.7 3.1 4.7



#51

Chlorobenzene

Concen: 100.100 ug/L

RT: 8.815 min Scan# 2418

Delta R.T. 0.000 min

Lab File: VV032923.D

Acq: 13 Nov 2023 11:08

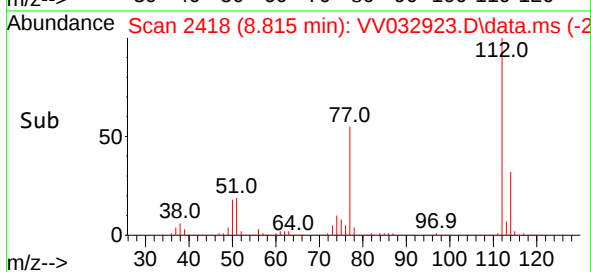
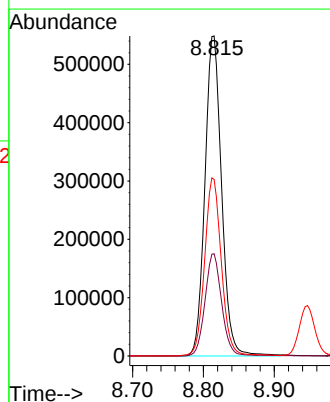
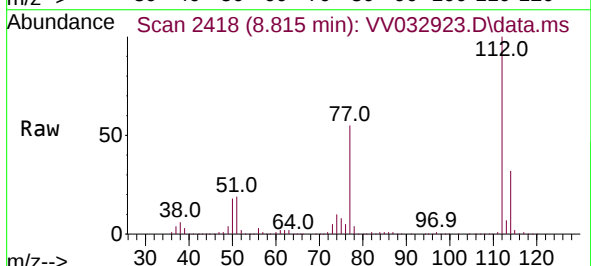
Tgt Ion:112 Resp: 898666

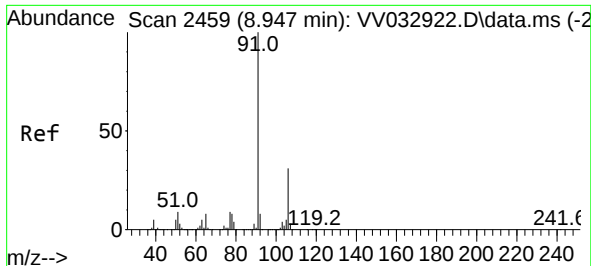
Ion Ratio Lower Upper

112 100

114 31.9 22.1 41.1

77 55.2 44.2 66.2





#52

Ethylbenzene

Concen: 105.780 ug/L

RT: 8.947 min Scan# 2459

Delta R.T. 0.000 min

Lab File: VV032923.D

Acq: 13 Nov 2023 11:08

Instrument :

MSVOA_V

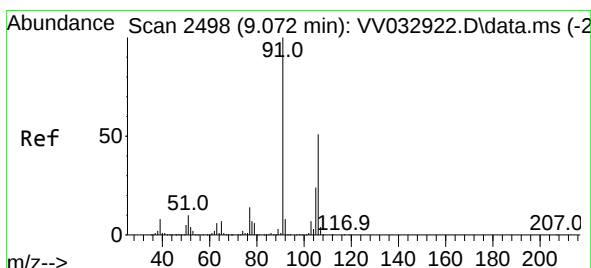
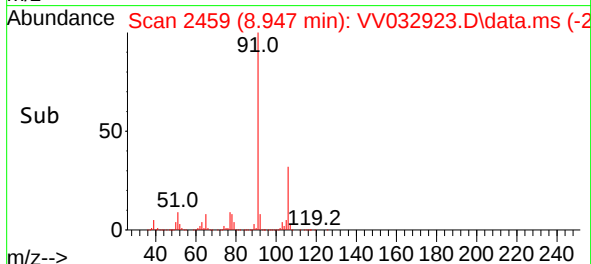
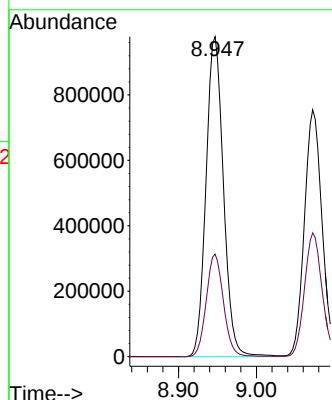
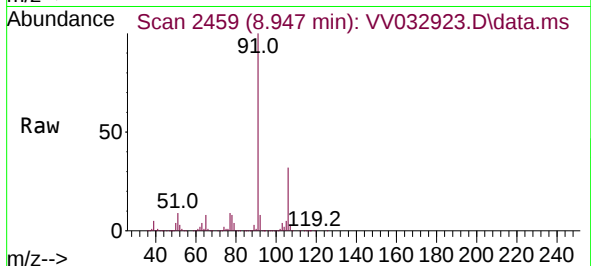
ClientSampleId :

Tgt Ion: 91 Resp: 1518179

Ion Ratio Lower Upper

91 100

106 32.1 21.6 40.0



#53

m,p-Xylene

Concen: 107.690 ug/L

RT: 9.072 min Scan# 2498

Delta R.T. 0.000 min

Lab File: VV032923.D

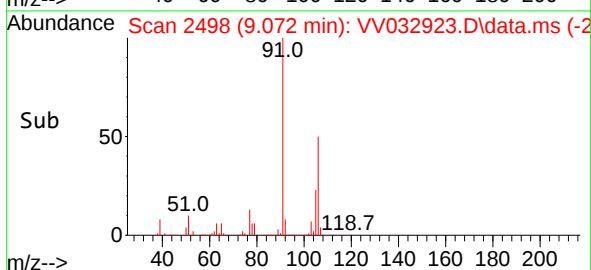
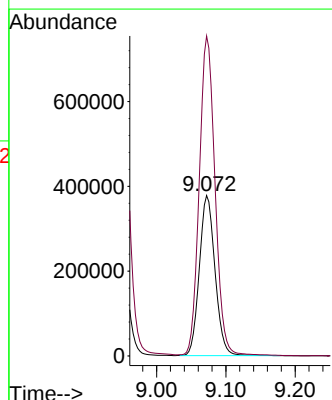
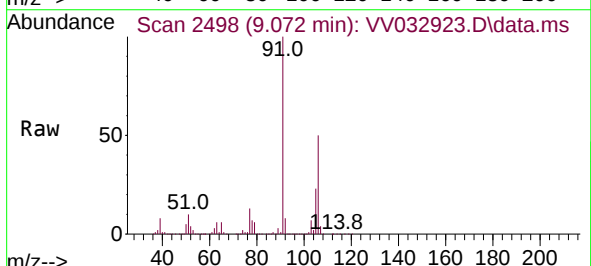
Acq: 13 Nov 2023 11:08

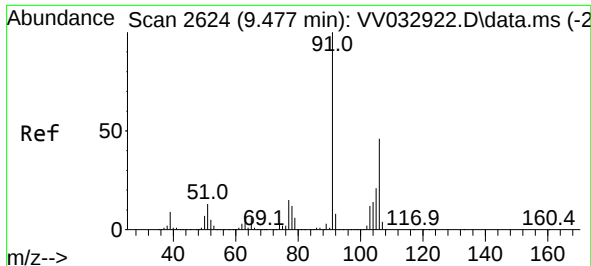
Tgt Ion:106 Resp: 594296

Ion Ratio Lower Upper

106 100

91 199.4 137.5 255.4





#54

o-Xylene

Concen: 108.394 ug/L

RT: 9.477 min Scan# 2624

Delta R.T. 0.000 min

Lab File: VV032923.D

Acq: 13 Nov 2023 11:08

Instrument :

MSVOA_V

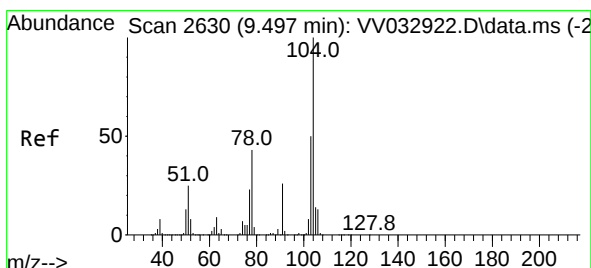
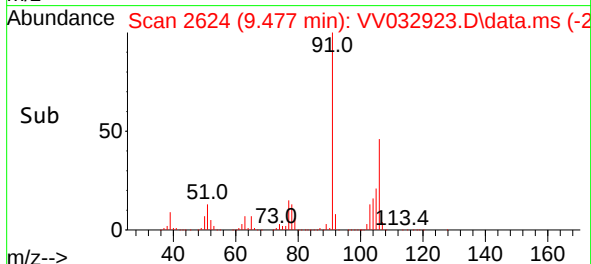
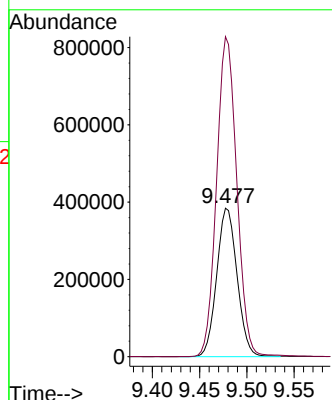
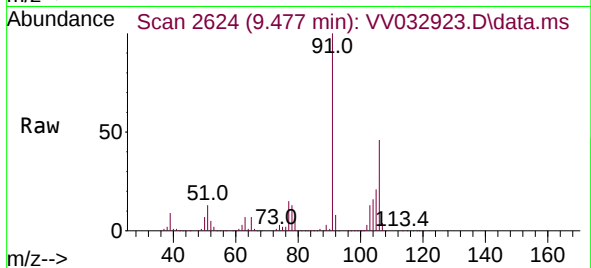
ClientSampleId :

Tgt Ion:106 Resp: 576782

Ion Ratio Lower Upper

106 100

91 215.4 151.6 281.6



#55

Styrene

Concen: 110.486 ug/L

RT: 9.497 min Scan# 2630

Delta R.T. 0.000 min

Lab File: VV032923.D

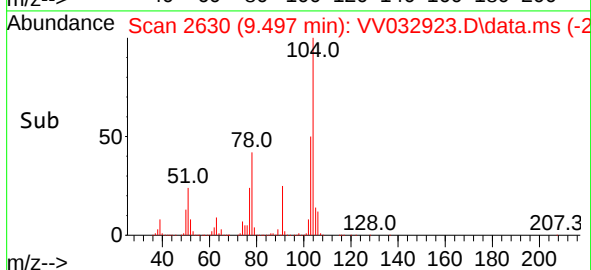
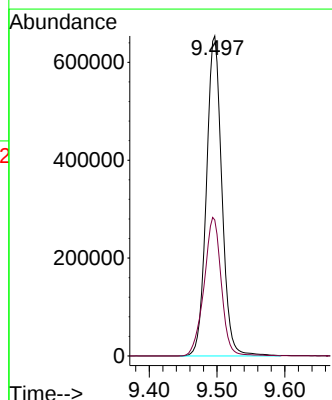
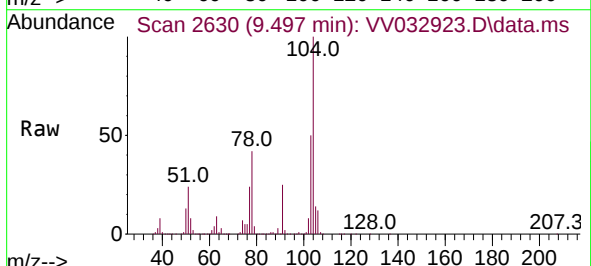
Acq: 13 Nov 2023 11:08

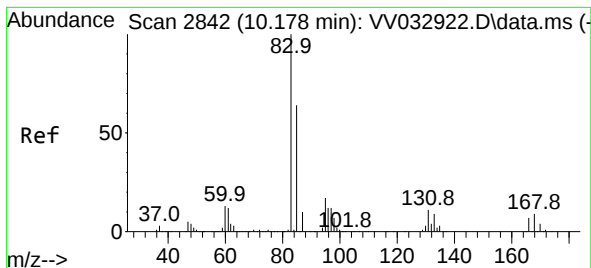
Tgt Ion:104 Resp: 1037001

Ion Ratio Lower Upper

104 100

78 42.5 29.8 55.4

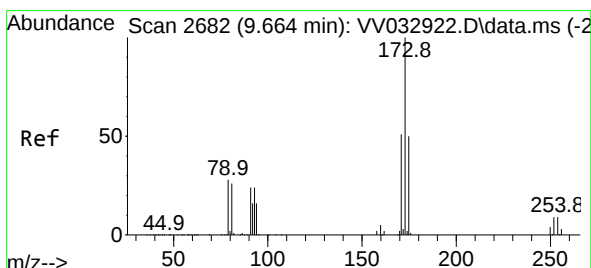
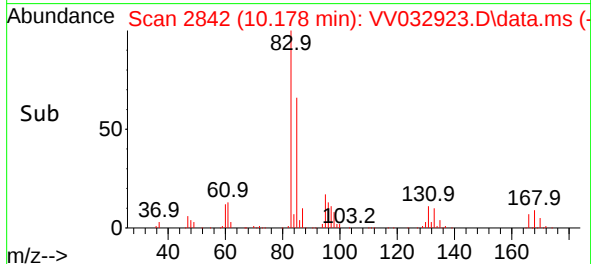
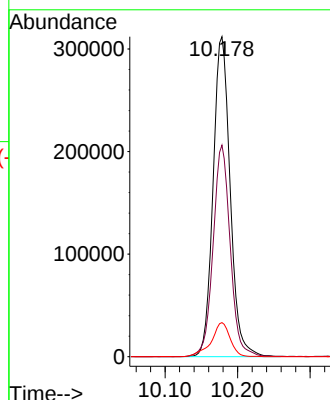
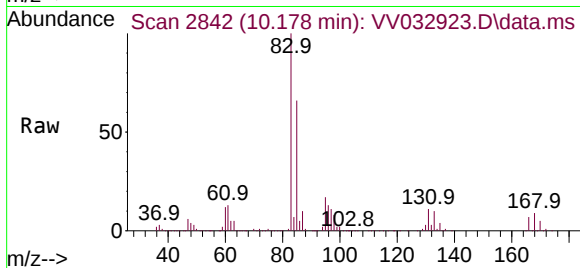




#57
1,1,2,2-Tetrachloroethane
Concen: 100.810 ug/L
RT: 10.178 min Scan# 2842
Delta R.T. 0.000 min
Lab File: VV032923.D
Acq: 13 Nov 2023 11:08

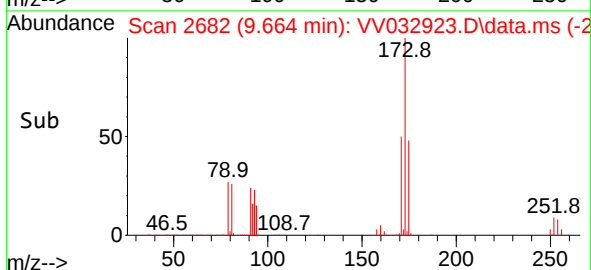
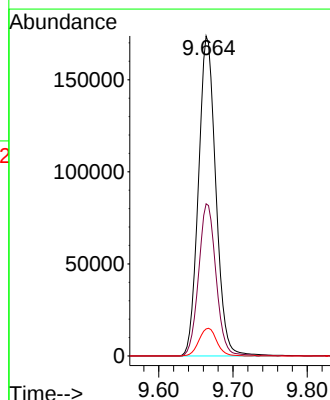
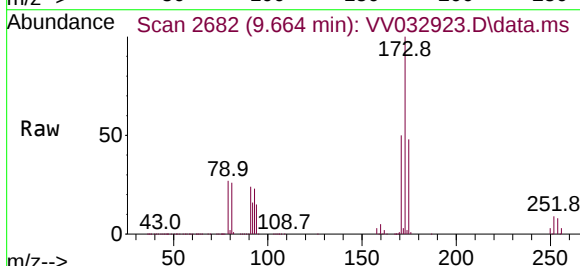
Instrument :
MSVOA_V
ClientSampleId :

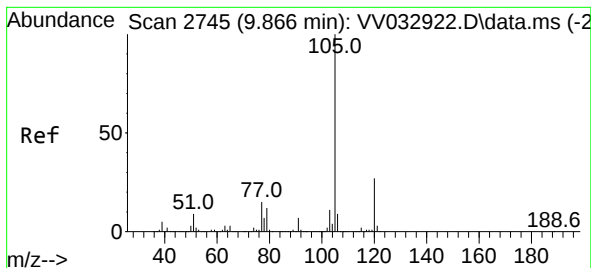
Tgt Ion: 83 Resp: 510450
Ion Ratio Lower Upper
83 100
85 66.1 44.7 83.1
131 10.7 8.7 13.1



#59
Bromoform
Concen: 103.426 ug/L
RT: 9.664 min Scan# 2682
Delta R.T. 0.000 min
Lab File: VV032923.D
Acq: 13 Nov 2023 11:08

Tgt Ion: 173 Resp: 282952
Ion Ratio Lower Upper
173 100
175 47.5 39.0 58.4
254 8.9 7.0 10.6





#60

Isopropylbenzene

Concen: 103.783 ug/L

RT: 9.866 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV032923.D

Acq: 13 Nov 2023 11:08

Instrument :

MSVOA_V

ClientSampleId :

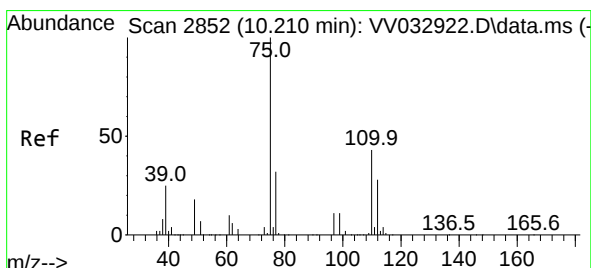
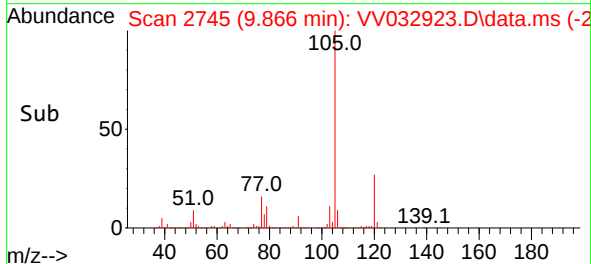
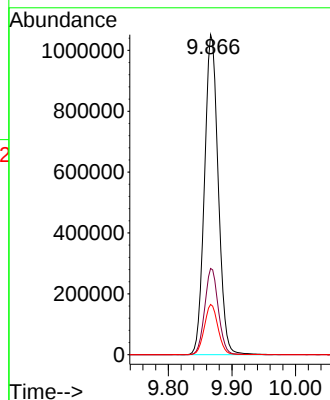
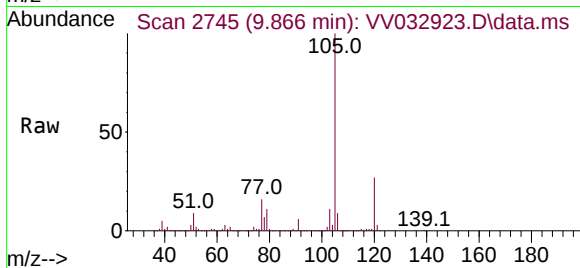
Tgt Ion:105 Resp: 1579917

Ion Ratio Lower Upper

105 100

120 26.7 21.4 32.2

77 15.6 12.1 18.1



#61

1,2,3-Trichloropropane

Concen: 97.796 ug/L

RT: 10.210 min Scan# 2852

Delta R.T. 0.000 min

Lab File: VV032923.D

Acq: 13 Nov 2023 11:08

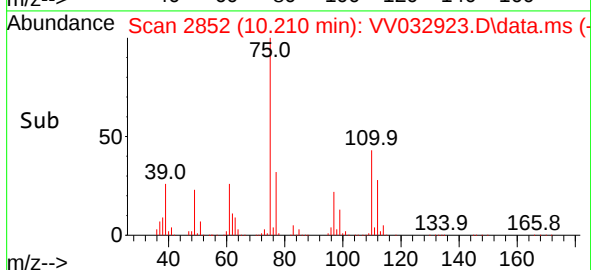
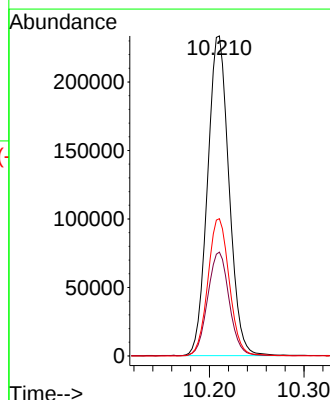
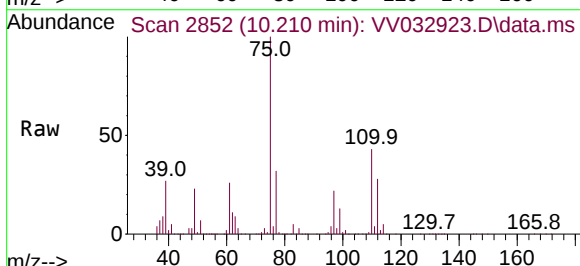
Tgt Ion: 75 Resp: 368132

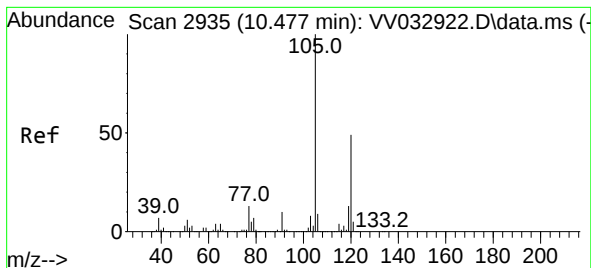
Ion Ratio Lower Upper

75 100

77 32.4 25.0 37.6

110 43.0 34.6 52.0





#62

1,3,5-Trimethylbenzene

Concen: 109.232 ug/L

RT: 10.477 min Scan# 2935

Delta R.T. 0.000 min

Lab File: VV032923.D

Acq: 13 Nov 2023 11:08

Instrument :

MSVOA_V

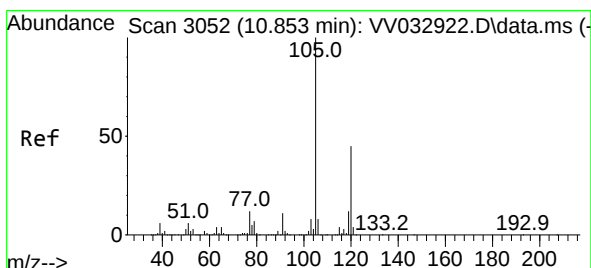
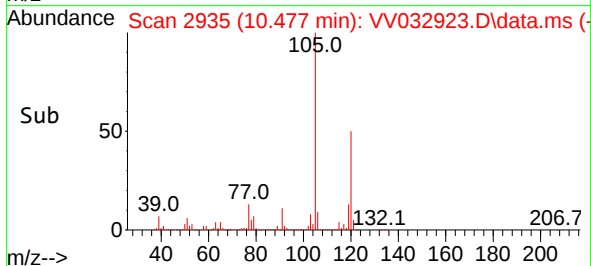
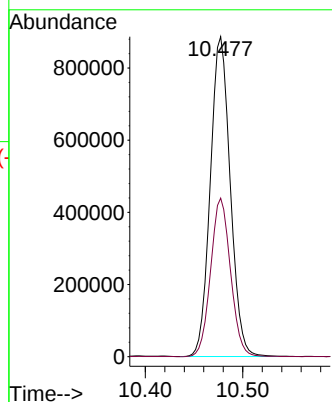
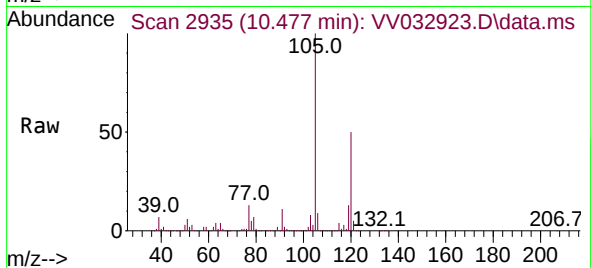
ClientSampleId :

Tgt Ion:105 Resp: 1261430

Ion Ratio Lower Upper

105 100

120 49.5 39.6 59.4



#63

1,2,4-Trimethylbenzene

Concen: 110.606 ug/L

RT: 10.853 min Scan# 3052

Delta R.T. 0.000 min

Lab File: VV032923.D

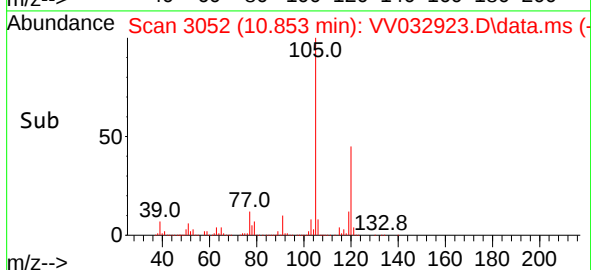
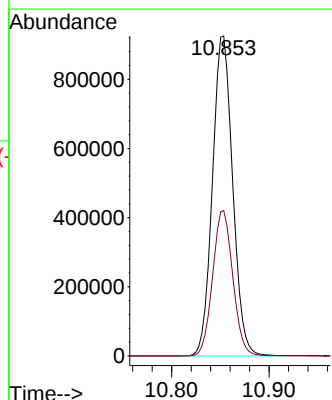
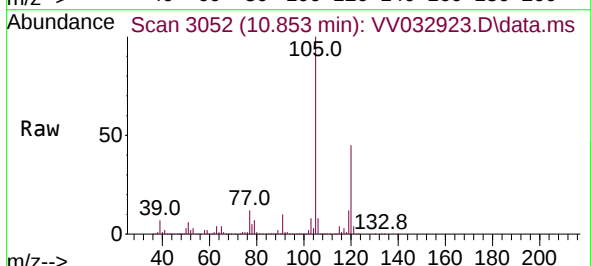
Acq: 13 Nov 2023 11:08

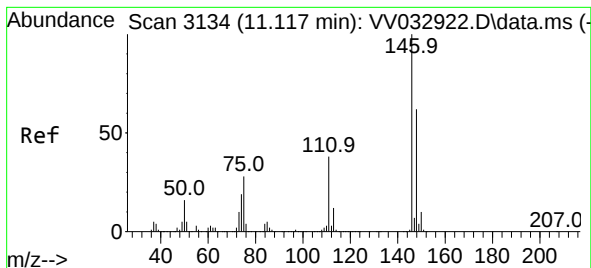
Tgt Ion:105 Resp: 1335555

Ion Ratio Lower Upper

105 100

120 45.4 36.3 54.5





#64

1,3-Dichlorobenzene

Concen: 99.151 ug/L

RT: 11.117 min Scan# 3134

Delta R.T. 0.000 min

Lab File: VV032923.D

Acq: 13 Nov 2023 11:08

Instrument :

MSVOA_V

ClientSampleId :

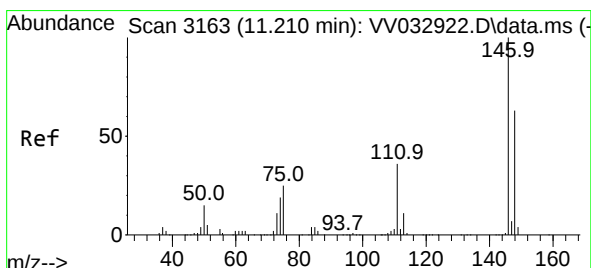
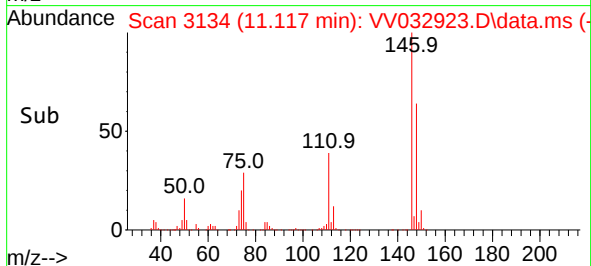
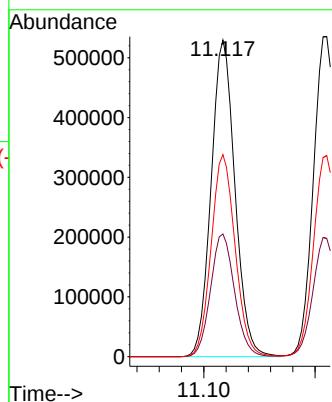
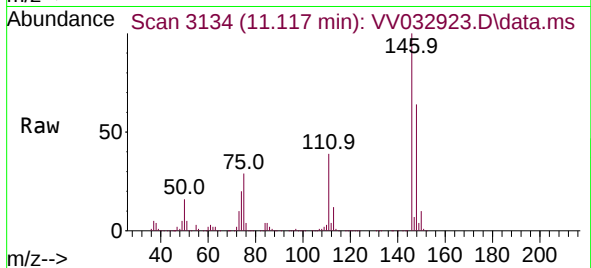
Tgt Ion:146 Resp: 787241

Ion Ratio Lower Upper

146 100

111 38.8 26.9 49.9

148 63.8 43.6 81.0



#65

1,4-Dichlorobenzene

Concen: 95.605 ug/L

RT: 11.210 min Scan# 3163

Delta R.T. 0.000 min

Lab File: VV032923.D

Acq: 13 Nov 2023 11:08

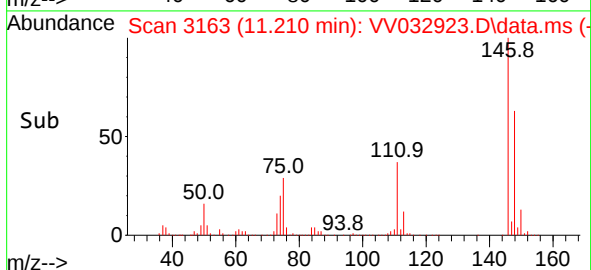
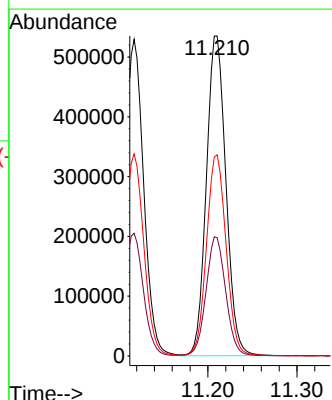
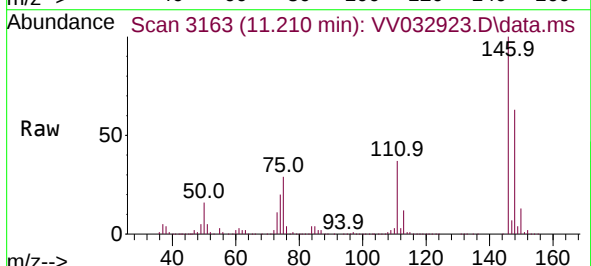
Tgt Ion:146 Resp: 814115

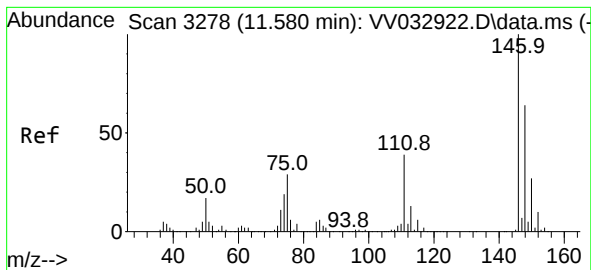
Ion Ratio Lower Upper

146 100

111 37.0 25.5 47.3

148 62.8 44.4 82.5





#67

1,2-Dichlorobenzene

Concen: 98.318 ug/L

RT: 11.580 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV032923.D

Acq: 13 Nov 2023 11:08

Instrument :

MSVOA_V

ClientSampleId :

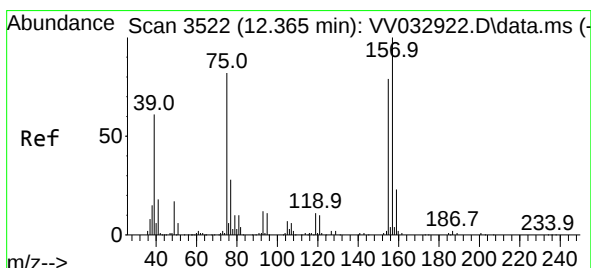
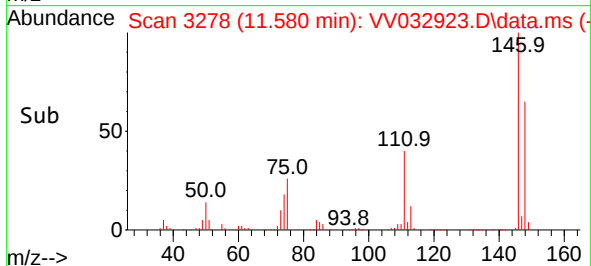
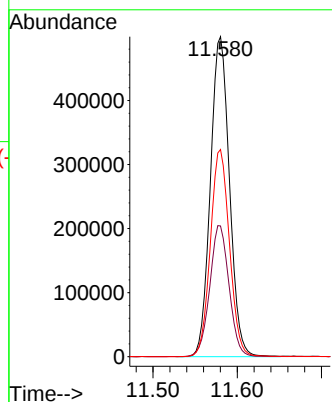
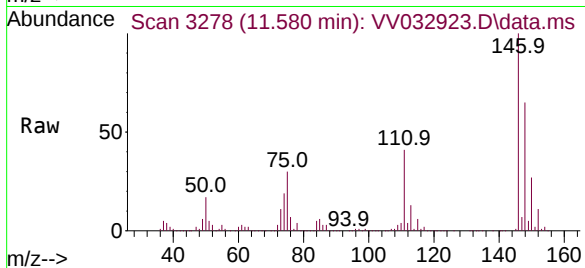
Tgt Ion:146 Resp: 784998

Ion Ratio Lower Upper

146 100

111 40.8 31.1 46.7

148 64.7 51.4 77.0



#68

1,2-Dibromo-3-chloropropane

Concen: 100.835 ug/L

RT: 12.365 min Scan# 3522

Delta R.T. 0.000 min

Lab File: VV032923.D

Acq: 13 Nov 2023 11:08

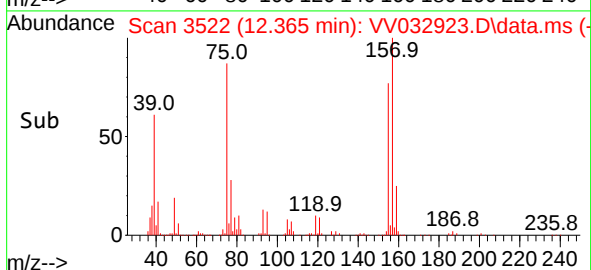
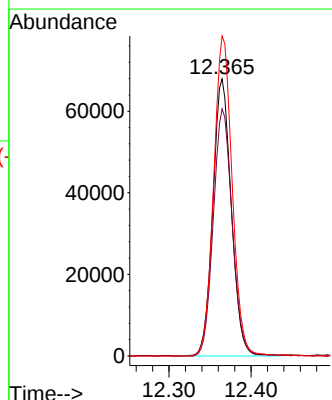
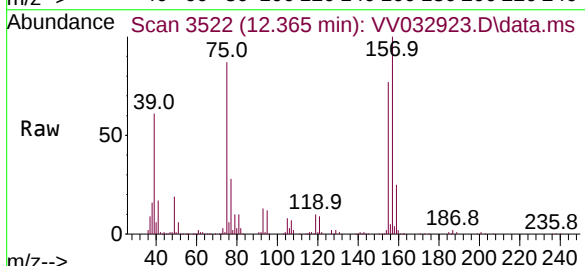
Tgt Ion: 75 Resp: 106080

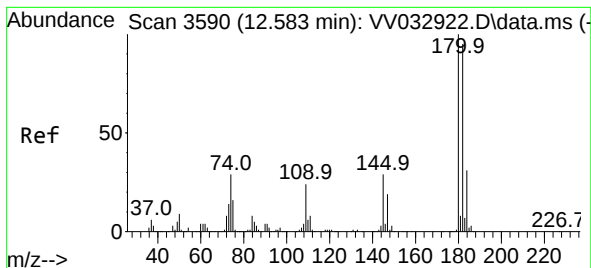
Ion Ratio Lower Upper

75 100

155 89.2 76.8 115.2

157 115.6 97.6 146.4





#69

1,3,5-Trichlorobenzene

Concen: 100.873 ug/L

RT: 12.583 min Scan# 3590

Delta R.T. 0.000 min

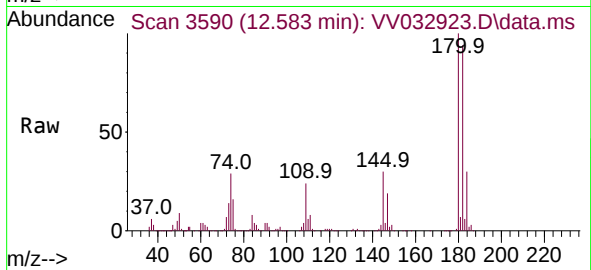
Lab File: VV032923.D

Acq: 13 Nov 2023 11:08

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 600899

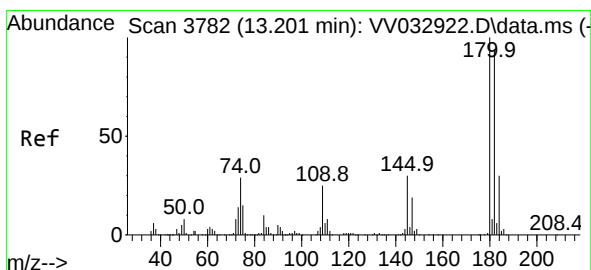
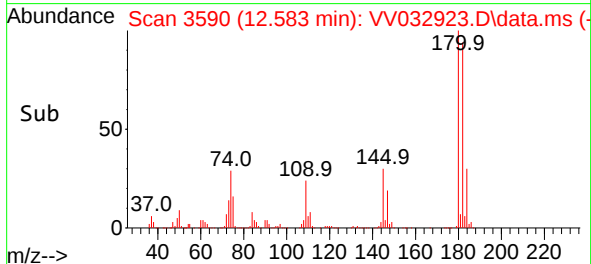
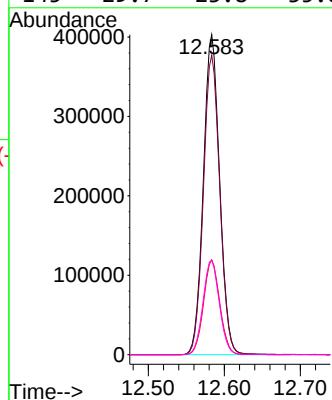
Ion Ratio Lower Upper

180 100

182 93.8 75.9 113.9

184 29.6 24.6 36.8

145 29.7 23.8 35.8



#70

1,2,4-trichlorobenzene

Concen: 104.780 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. -0.003 min

Lab File: VV032923.D

Acq: 13 Nov 2023 11:08

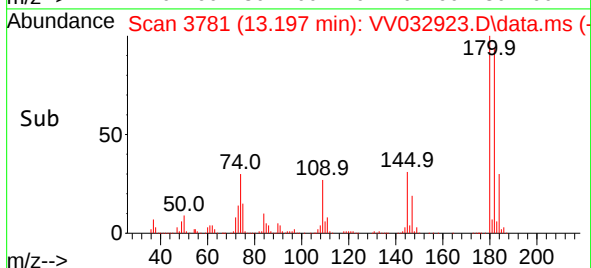
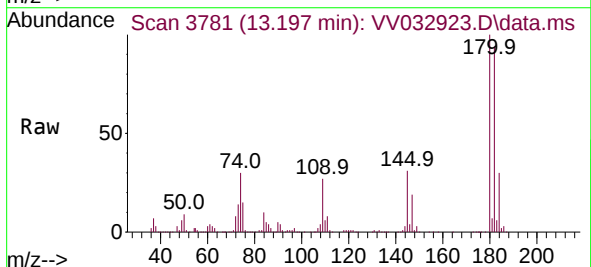
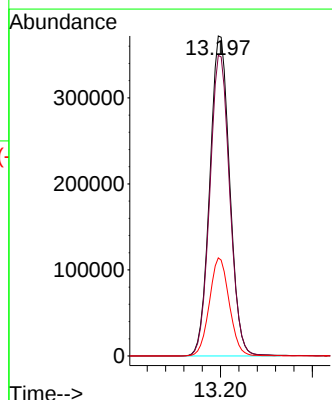
Tgt Ion:180 Resp: 560679

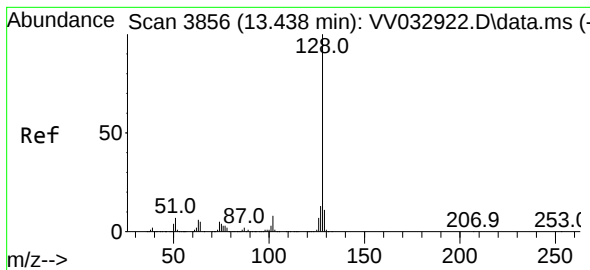
Ion Ratio Lower Upper

180 100

182 94.1 77.0 115.4

145 30.6 24.3 36.5





#71

Naphthalene

Concen: 113.492 ug/L

RT: 13.439 min Scan# 3856

Delta R.T. 0.000 min

Lab File: VV032923.D

Acq: 13 Nov 2023 11:08

Instrument :

MSVOA_V

ClientSampleId :

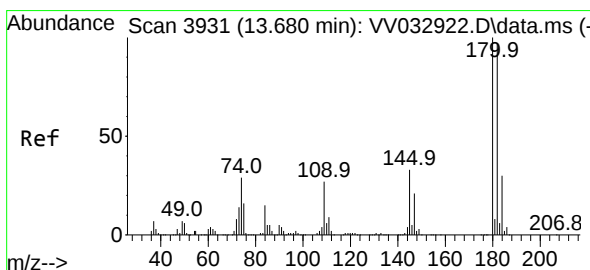
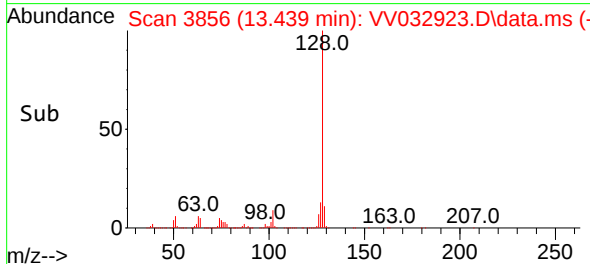
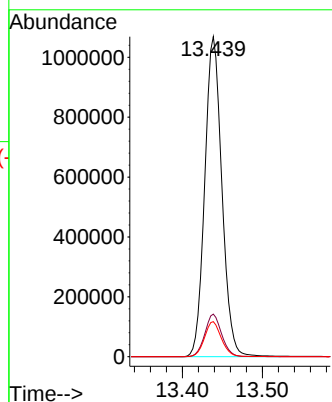
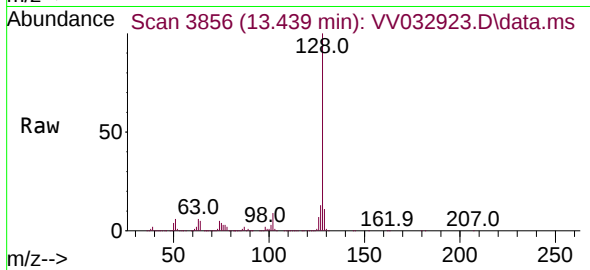
Tgt Ion:128 Resp: 1595920

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

129 10.8 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 103.481 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. 0.000 min

Lab File: VV032923.D

Acq: 13 Nov 2023 11:08

Tgt Ion:180 Resp: 557281

Ion Ratio Lower Upper

180 100

182 94.5 76.9 115.3

145 32.5 26.1 39.1

