

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111323\
 Data File : VW032922.D
 Acq On : 13 Nov 2023 10:44
 Operator : SY/MD
 Sample : VSTD050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 13 22:49:26 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	5.535	114	428740	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	434412	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	247787	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	181020	49.921	ug/L	0.00
7) Chloroethane-d5	1.532	69	151511	50.430	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.063	65	77525	49.070	ug/L	0.00
21) 2-Butanone-d5	3.783	46	157103	106.683	ug/L	0.00
24) Chloroform-d	4.249	84	323144	51.584	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.940	65	196479	51.546	ug/L	0.00
32) Benzene-d6	4.960	84	615172	51.921	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.989	67	182033	52.856	ug/L	0.00
41) Toluene-d8	7.243	98	582487	53.324	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.551	79	95764	52.378	ug/L	0.00
47) 2-Hexanone-d5	8.024	63	133523	107.761	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.152	84	259289	51.396	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.561	152	242539	50.374	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	184473	49.759	ug/L	100
3) Chloromethane	1.217	50	179099	48.892	ug/L	100
5) Vinyl chloride	1.285	62	181874	49.343	ug/L	100
6) Bromomethane	1.487	94	118191	48.373	ug/L	100
8) Chloroethane	1.548	64	114975	49.396	ug/L	100
9) Trichlorofluoromethane	1.715	101	291695	49.843	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	165962	48.953	ug/L	100
12) 1,1-Dichloroethene	2.072	96	149818	49.403	ug/L	100
13) Acetone	2.108	43	207512	100.005	ug/L	100
14) Carbon disulfide	2.243	76	428502	49.618	ug/L	100
15) Methyl Acetate	2.371	43	126383	51.803	ug/L	100
16) Methylene chloride	2.449	84	157348	48.634	ug/L	100
17) trans-1,2-Dichloroethene	2.696	96	150442	50.111	ug/L	100
18) Methyl tert-butyl Ether	2.703	73	441886	50.154	ug/L	100
19) 1,1-Dichloroethane	3.111	63	266492	49.687	ug/L	100
20) cis-1,2-Dichloroethene	3.815	96	161866	50.066	ug/L	100
22) 2-Butanone	3.863	43	192587	104.530	ug/L	100
23) Bromochloromethane	4.146	128	88961	49.188	ug/L	100
25) Chloroform	4.278	83	292566	49.434	ug/L	100
27) 1,2-Dichloroethane	5.040	62	227146	50.880	ug/L	100
29) Cyclohexane	4.584	56	216674	51.901	ug/L	100
30) 1,1,1-Trichloroethane	4.513	97	264714	49.723	ug/L	100
31) Carbon tetrachloride	4.738	117	239849	50.381	ug/L	100
33) Benzene	5.011	78	608006	51.532	ug/L	100
34) Trichloroethene	5.834	95	161608	50.399	ug/L	100
35) Methylcyclohexane	6.053	83	248920	51.510	ug/L	100
37) 1,2-Dichloropropane	6.092	63	149995	50.906	ug/L	100
38) Bromodichloromethane	6.432	83	218737	49.765	ug/L	100
39) cis-1,3-Dichloropropene	6.953	75	257880	52.624	ug/L	100
40) 4-Methyl-2-pentanone	7.156	43	334116	106.333	ug/L	100
42) Toluene	7.317	91	667630	51.855	ug/L	100
44) trans-1,3-Dichloropropene	7.580	75	245371	51.549	ug/L	100

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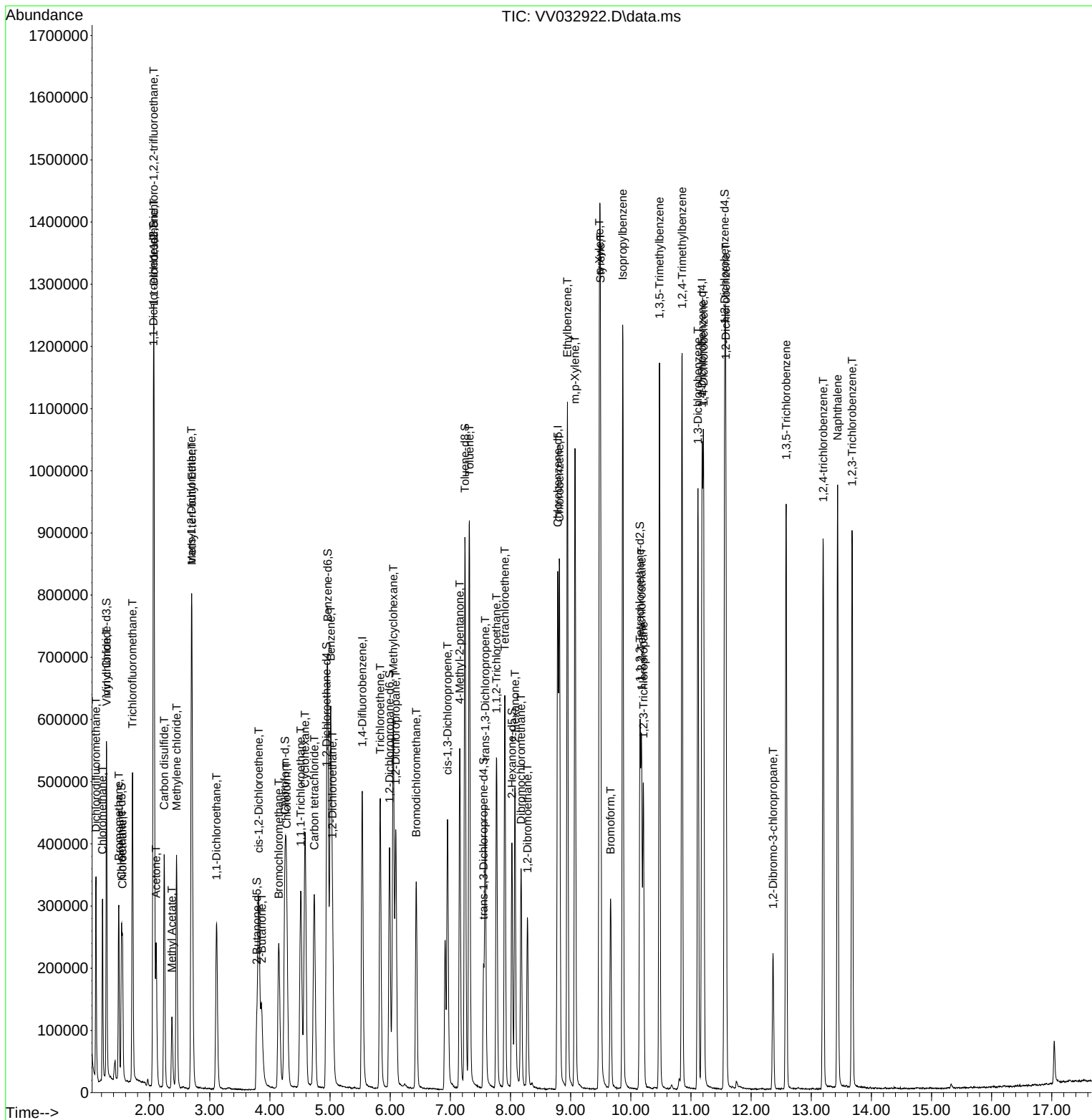
Instrument :
 MSVOA_V
 ClientSampleId :

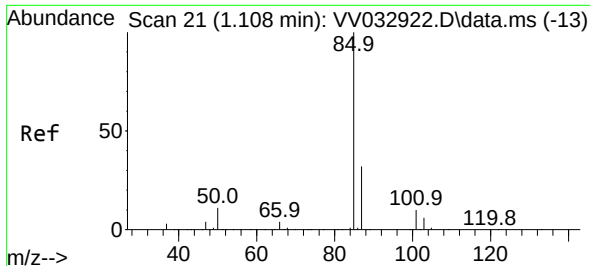
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.767	97	165031	50.472	ug/L	100
46) Tetrachloroethene	7.905	164	136885	49.625	ug/L	100
48) 2-Hexanone	8.075	43	284709	109.592	ug/L	100
49) Dibromochloromethane	8.175	129	176371	50.071	ug/L	100
50) 1,2-Dibromoethane	8.281	107	175019	50.289	ug/L	100
51) Chlorobenzene	8.815	112	443383	49.713	ug/L	100
52) Ethylbenzene	8.947	91	742922	52.105	ug/L	100
53) m,p-Xylene	9.072	106	288518	52.626	ug/L	100
54) o-Xylene	9.477	106	278439	52.672	ug/L	100
55) Styrene	9.497	104	498703	53.484	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.178	83	251944	50.085	ug/L	100
59) Bromoform	9.664	173	132429	50.238	ug/L	100
60) Isopropylbenzene	9.866	105	756831	51.596	ug/L	100
61) 1,2,3-Trichloropropane	10.210	75	183665	50.637	ug/L	100
62) 1,3,5-Trimethylbenzene	10.477	105	588973	52.931	ug/L	100
63) 1,2,4-Trimethylbenzene	10.853	105	624330	53.661	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	383823	50.171	ug/L	100
65) 1,4-Dichlorobenzene	11.210	146	396376	48.309	ug/L	100
67) 1,2-Dichlorobenzene	11.580	146	383686	49.873	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.365	75	49444	48.778	ug/L	100
69) 1,3,5-Trichlorobenzene	12.583	180	280674	48.900	ug/L	100
70) 1,2,4-trichlorobenzene	13.201	180	256053	49.662	ug/L	100
71) Naphthalene	13.438	128	726800	53.641	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	261106	50.319	ug/L	100

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

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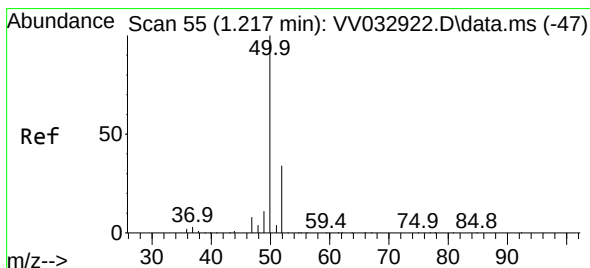
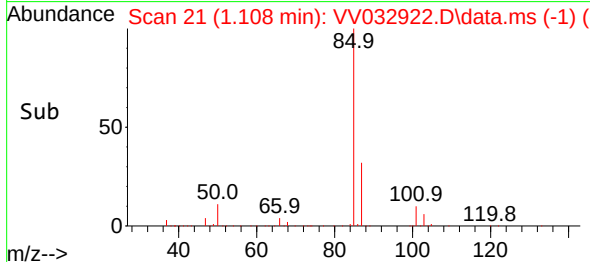
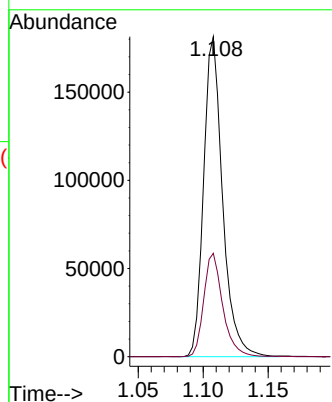
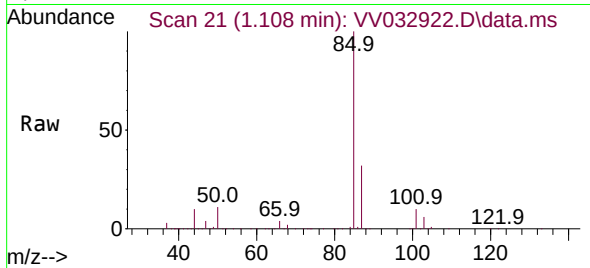




#2
 Dichlorodifluoromethane
 Concen: 49.759 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV032922.D
 Acq: 13 Nov 2023 10:44

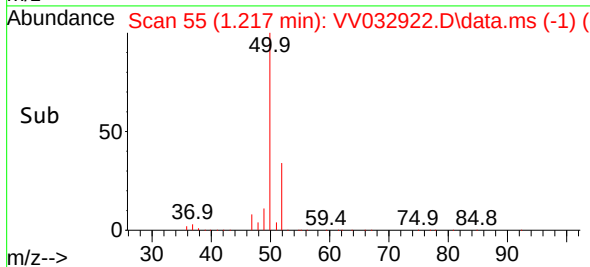
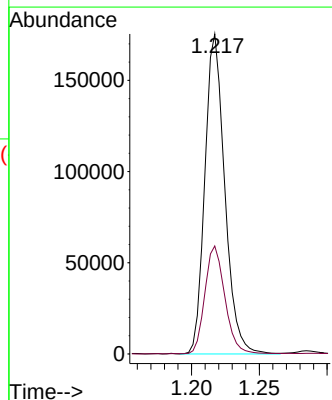
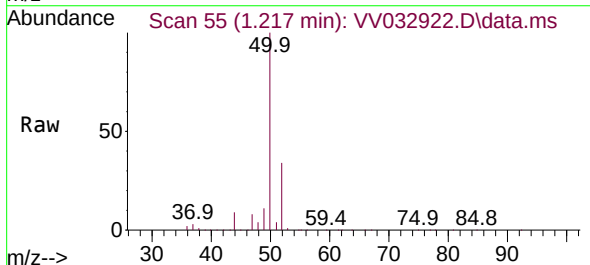
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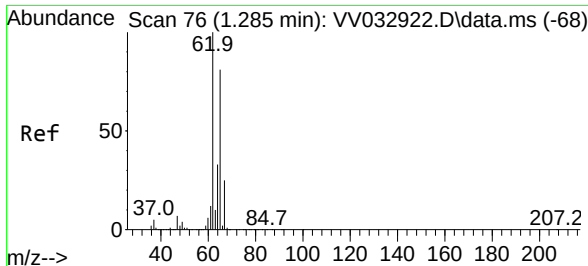
Tgt Ion: 85 Resp: 184473
 Ion Ratio Lower Upper
 85 100
 87 32.3 25.8 38.8



#3
 Chloromethane
 Concen: 48.892 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV032922.D
 Acq: 13 Nov 2023 10:44

Tgt Ion: 50 Resp: 179099
 Ion Ratio Lower Upper
 50 100
 52 33.7 23.6 43.8



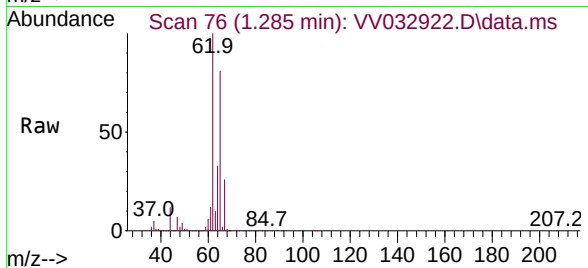


#5
 Vinyl chloride
 Concen: 49.343 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VV032922.D
 Acq: 13 Nov 2023 10:44

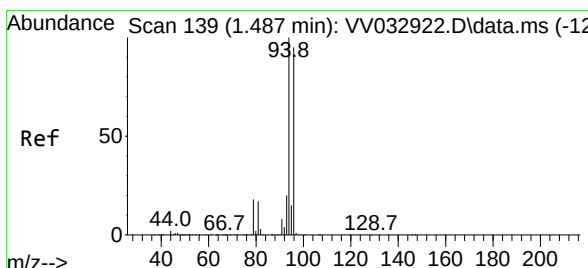
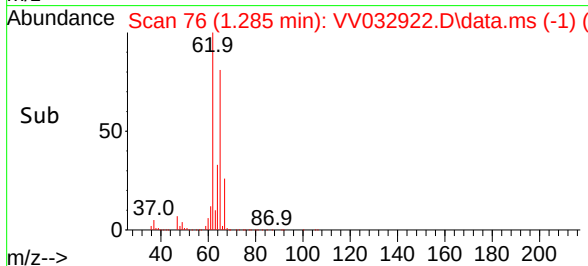
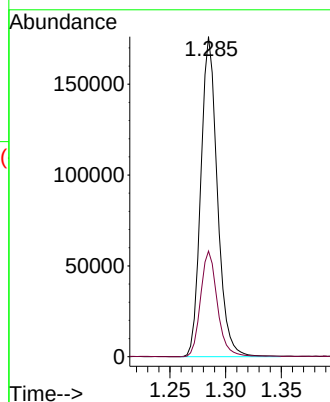
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MSVOA_V

ClientSampleId :

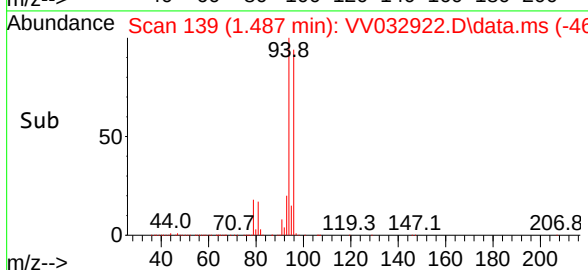
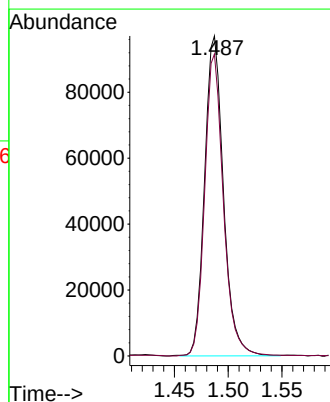
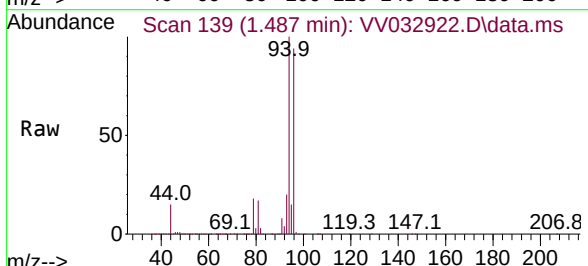


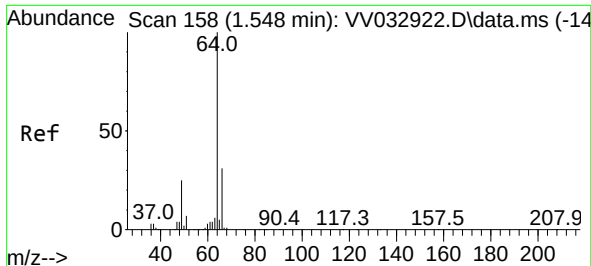
Tgt Ion: 62 Resp: 181874
 Ion Ratio Lower Upper
 62 100
 64 33.0 23.1 42.9



#6
 Bromomethane
 Concen: 48.373 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.000 min
 Lab File: VV032922.D
 Acq: 13 Nov 2023 10:44

Tgt Ion: 94 Resp: 118191
 Ion Ratio Lower Upper
 94 100
 96 94.3 66.0 122.6

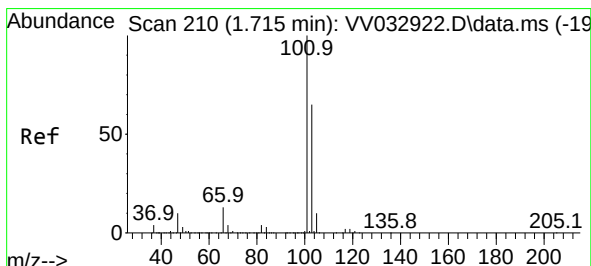
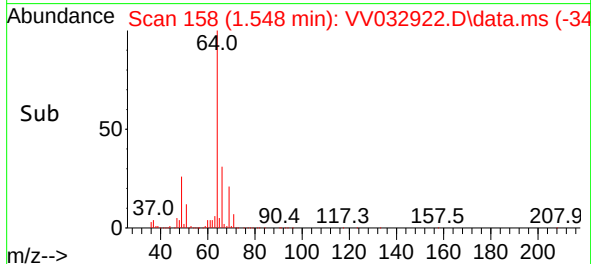
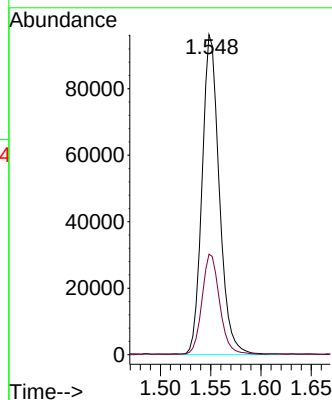
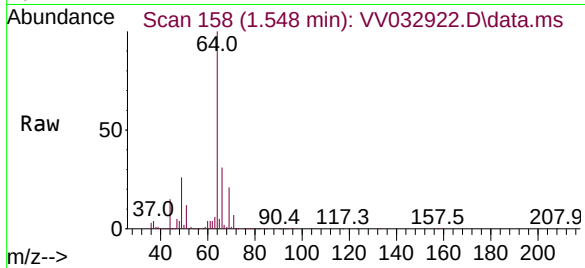




#8
Chloroethane
Concen: 49.396 ug/L
RT: 1.548 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV032922.D
Acq: 13 Nov 2023 10:44

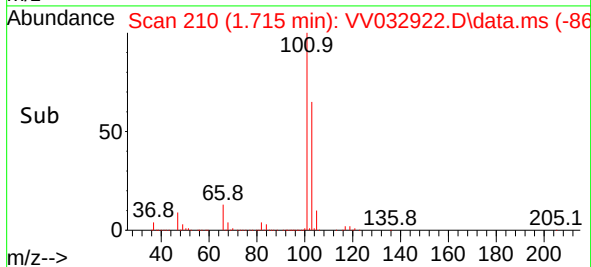
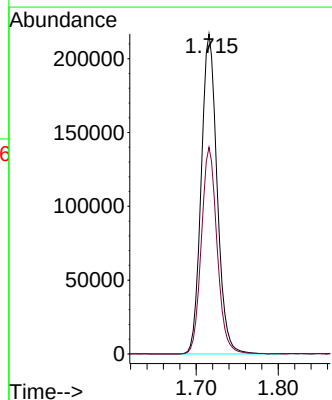
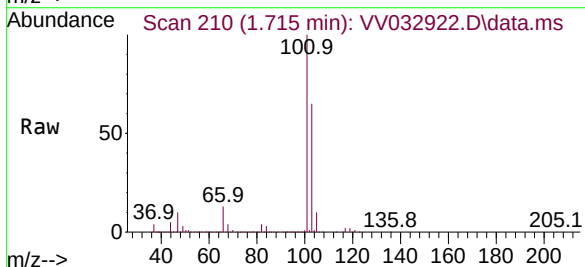
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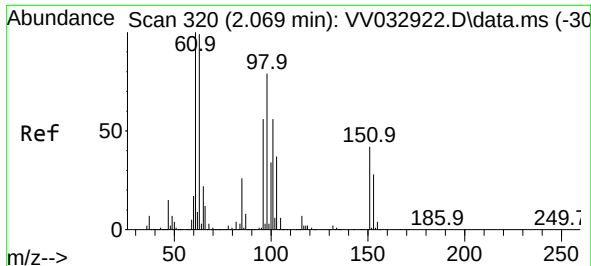
Tgt Ion: 64 Resp: 114975
Ion Ratio Lower Upper
64 100
66 31.4 22.0 40.8



#9
Trichlorofluoromethane
Concen: 49.843 ug/L
RT: 1.715 min Scan# 210
Delta R.T. 0.000 min
Lab File: VV032922.D
Acq: 13 Nov 2023 10:44

Tgt Ion: 101 Resp: 291695
Ion Ratio Lower Upper
101 100
103 64.0 51.2 76.8

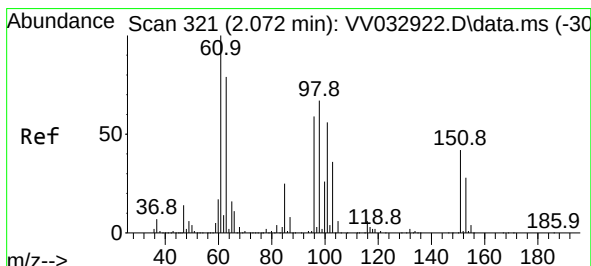
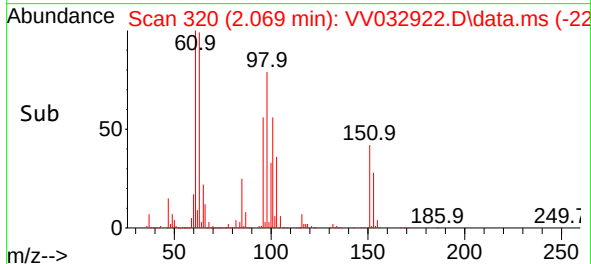
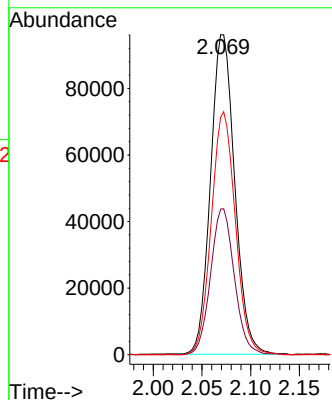
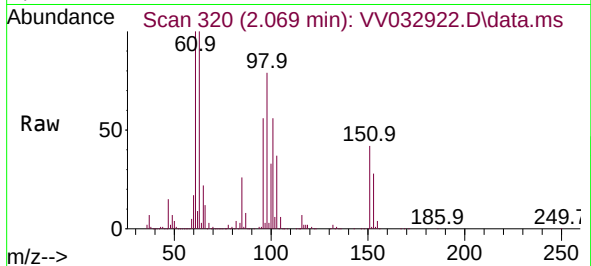




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 48.953 ug/L
 RT: 2.069 min Scan# 310
 Delta R.T. 0.000 min
 Lab File: VV032922.D
 Acq: 13 Nov 2023 10:44

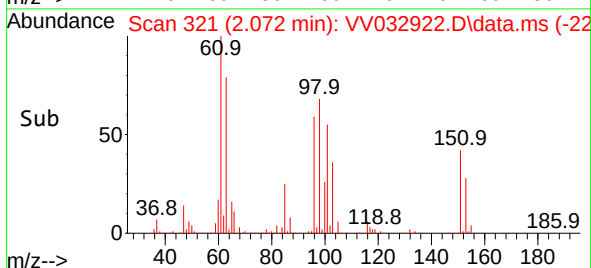
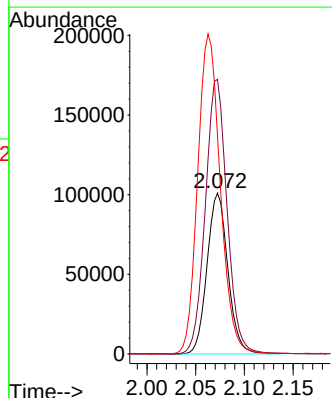
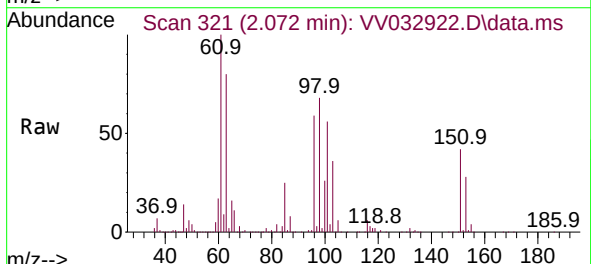
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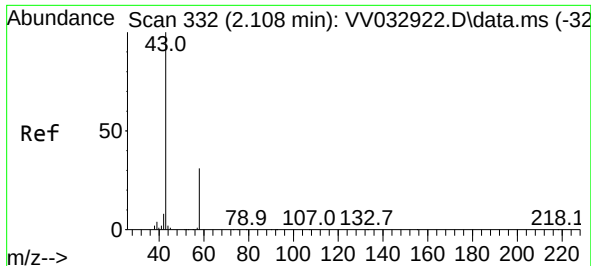
Tgt Ion:101 Resp: 165962
 Ion Ratio Lower Upper
 101 100
 85 44.9 35.9 53.9
 151 75.8 60.6 91.0



#12
 1,1-Dichloroethene
 Concen: 49.403 ug/L
 RT: 2.072 min Scan# 321
 Delta R.T. 0.000 min
 Lab File: VV032922.D
 Acq: 13 Nov 2023 10:44

Tgt Ion: 96 Resp: 149818
 Ion Ratio Lower Upper
 96 100
 61 170.8 119.6 222.0
 63 135.9 95.1 176.7





#13

Acetone

Concen: 100.005 ug/L

RT: 2.108 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV032922.D

Acq: 13 Nov 2023 10:44

Instrument :

MSVOA_V

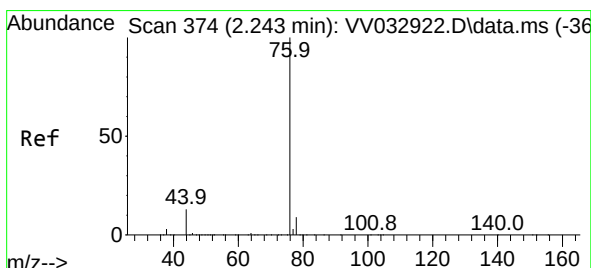
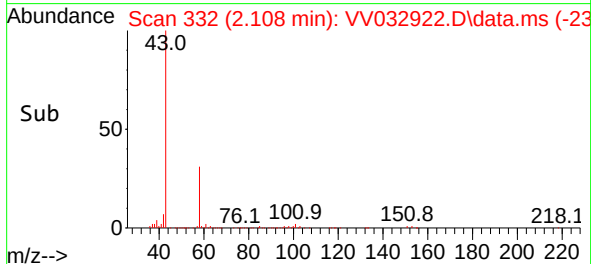
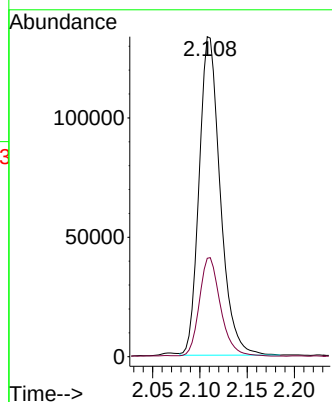
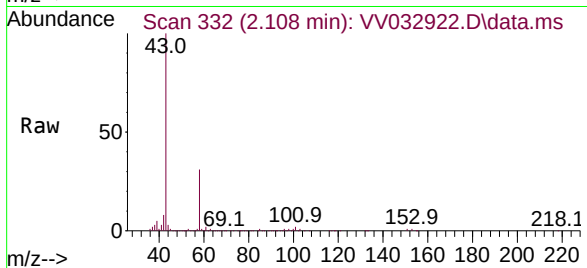
ClientSampleId :

Tgt Ion: 43 Resp: 207512

Ion Ratio Lower Upper

43 100

58 31.4 0.0 62.8



#14

Carbon disulfide

Concen: 49.618 ug/L

RT: 2.243 min Scan# 374

Delta R.T. 0.000 min

Lab File: VV032922.D

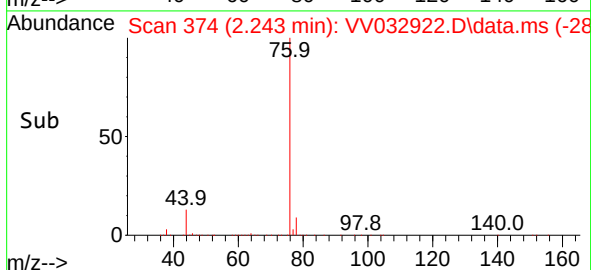
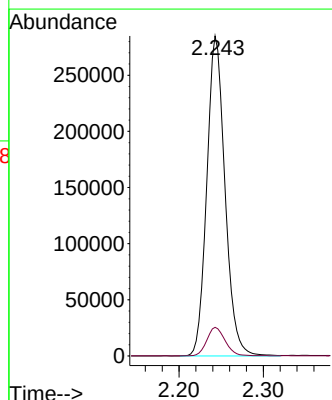
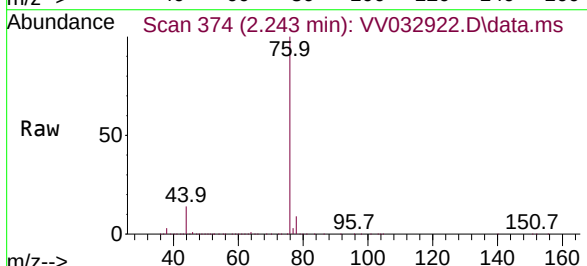
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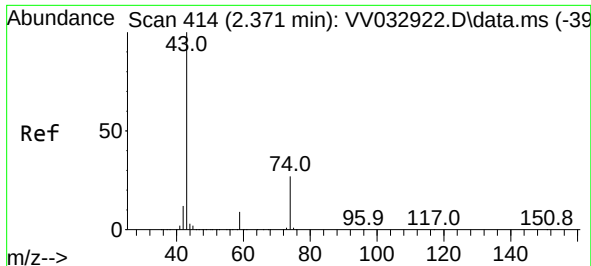
Tgt Ion: 76 Resp: 428502

Ion Ratio Lower Upper

76 100

78 9.0 7.2 10.8

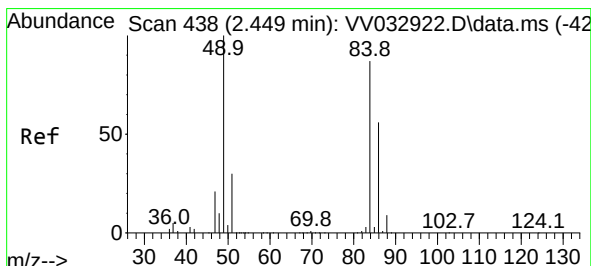
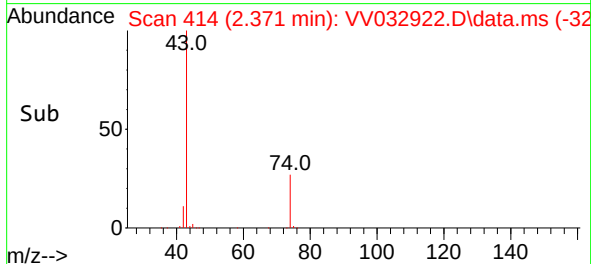
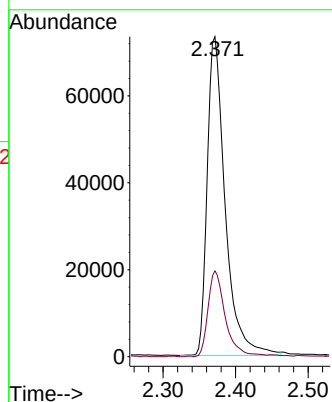
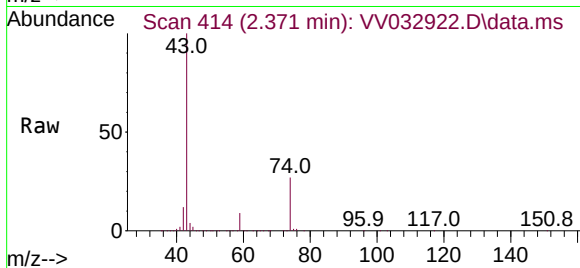




#15
Methyl Acetate
Concen: 51.803 ug/L
RT: 2.371 min Scan# 414
Delta R.T. 0.000 min
Lab File: VV032922.D
Acq: 13 Nov 2023 10:44

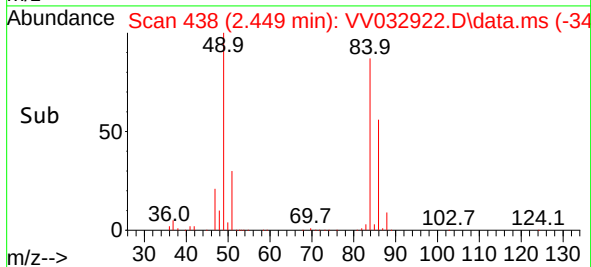
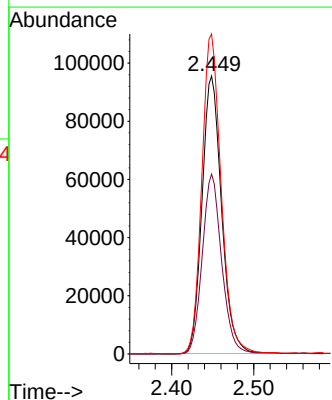
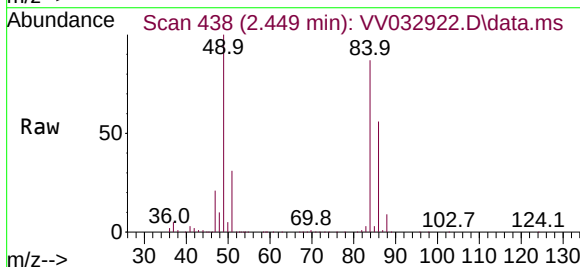
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MSVOA_V
ClientSampleId :

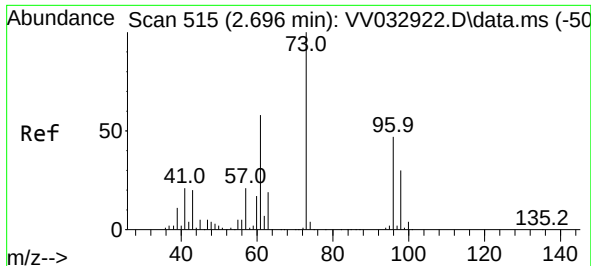
Tgt Ion: 43 Resp: 126383
Ion Ratio Lower Upper
43 100
74 26.0 20.8 31.2



#16
Methylene chloride
Concen: 48.634 ug/L
RT: 2.449 min Scan# 438
Delta R.T. 0.000 min
Lab File: VV032922.D
Acq: 13 Nov 2023 10:44

Tgt Ion: 84 Resp: 157348
Ion Ratio Lower Upper
84 100
86 64.7 45.3 84.1
49 115.1 80.6 149.6





#17

trans-1,2-Dichloroethene

Concen: 50.111 ug/L

RT: 2.696 min Scan# 515

Delta R.T. 0.000 min

Lab File: VV032922.D

Acq: 13 Nov 2023 10:44

Instrument :

MSVOA_V

ClientSampleId :

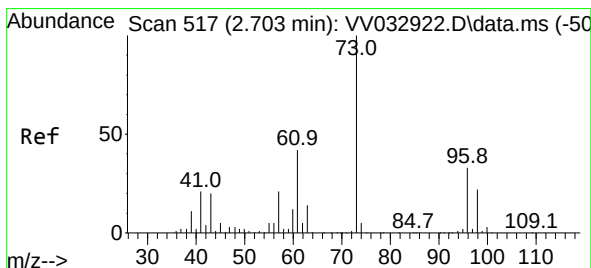
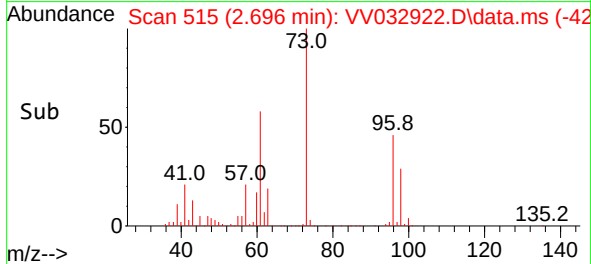
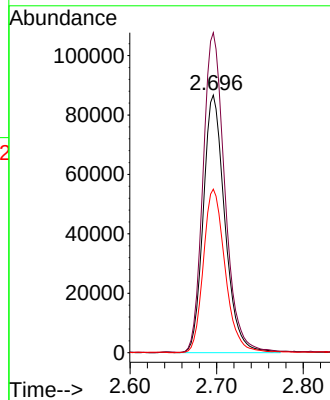
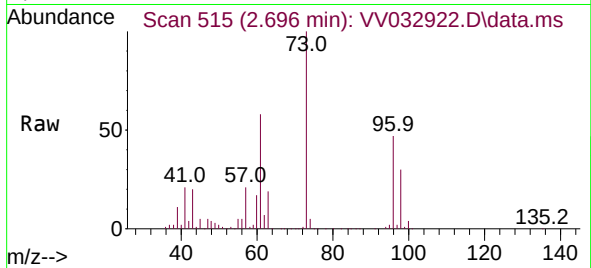
Tgt Ion: 96 Resp: 150442

Ion Ratio Lower Upper

96 100

61 124.2 86.9 161.5

98 63.5 44.4 82.5



#18

Methyl tert-butyl Ether

Concen: 50.154 ug/L

RT: 2.703 min Scan# 517

Delta R.T. 0.000 min

Lab File: VV032922.D

Acq: 13 Nov 2023 10:44

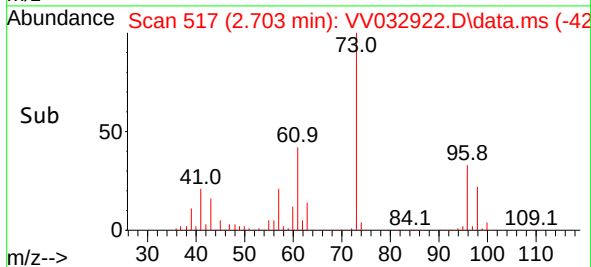
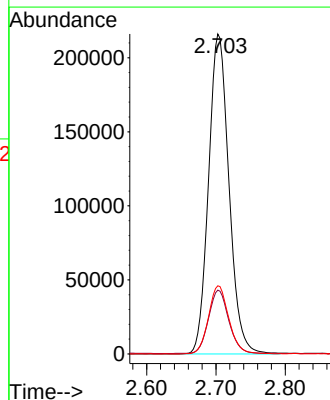
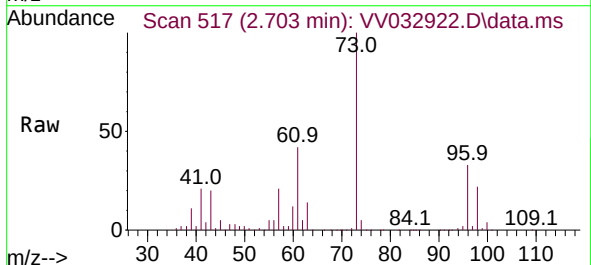
Tgt Ion: 73 Resp: 441886

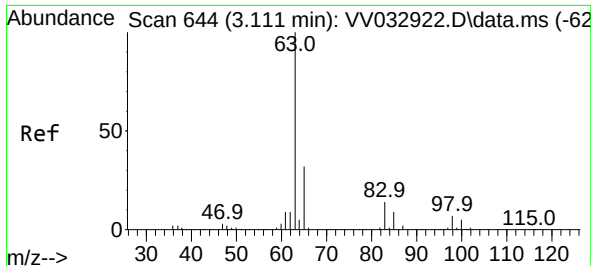
Ion Ratio Lower Upper

73 100

43 19.6 15.7 23.5

57 21.2 17.0 25.4





#19

1,1-Dichloroethane

Concen: 49.687 ug/L

RT: 3.111 min Scan# 644

Delta R.T. 0.000 min

Lab File: VV032922.D

Acq: 13 Nov 2023 10:44

Instrument :

MSVOA_V

ClientSampleId :

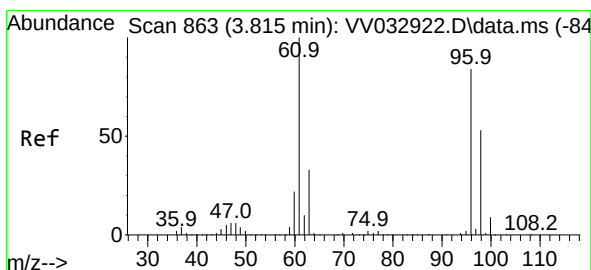
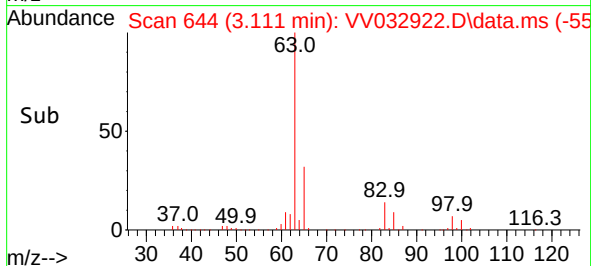
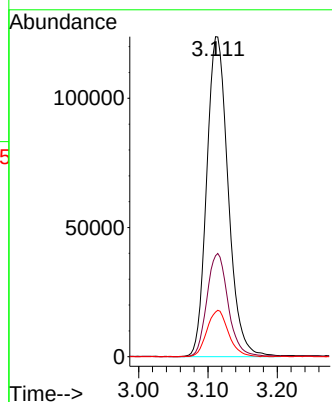
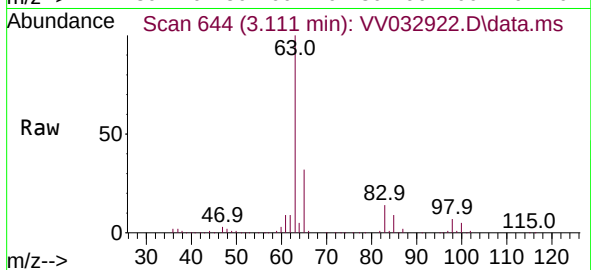
Tgt Ion: 63 Resp: 266492

Ion Ratio Lower Upper

63 100

65 31.5 22.0 41.0

83 13.9 9.7 18.1



#20

cis-1,2-Dichloroethene

Concen: 50.066 ug/L

RT: 3.815 min Scan# 863

Delta R.T. 0.000 min

Lab File: VV032922.D

Acq: 13 Nov 2023 10:44

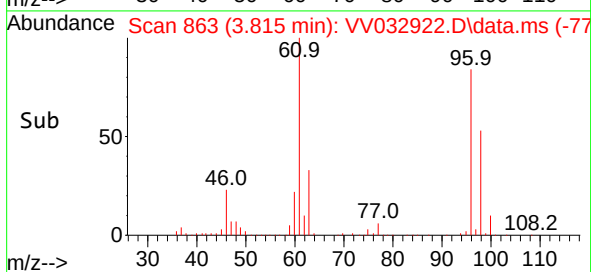
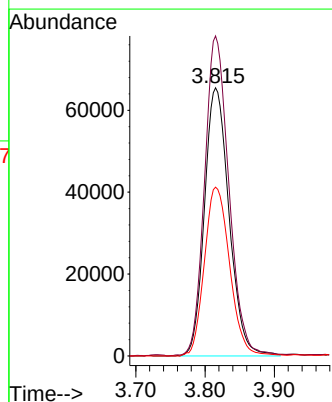
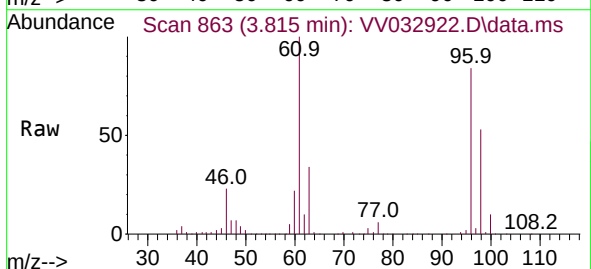
Tgt Ion: 96 Resp: 161866

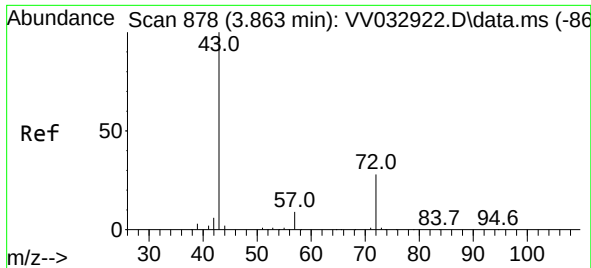
Ion Ratio Lower Upper

96 100

61 119.3 83.5 155.1

98 62.9 44.0 81.8

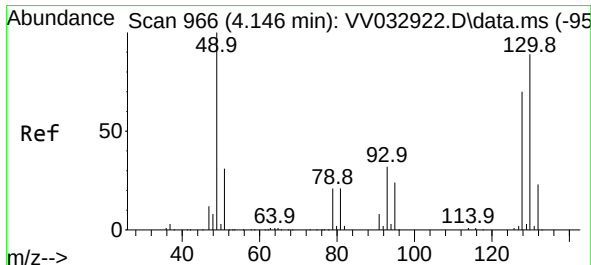
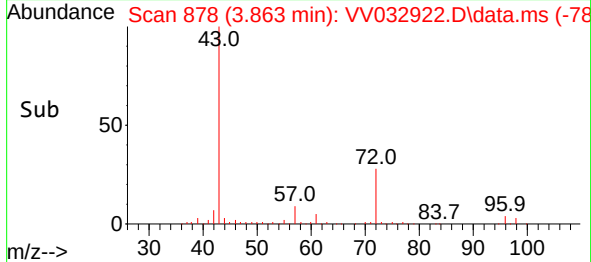
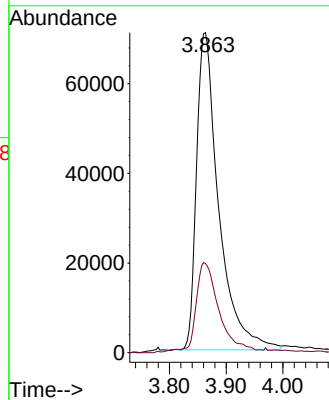
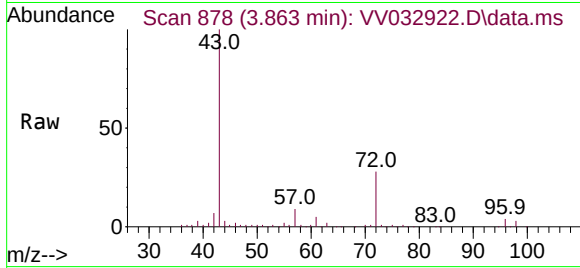




#22
2-Butanone
Concen: 104.530 ug/L
RT: 3.863 min Scan# 878
Delta R.T. 0.000 min
Lab File: VV032922.D
Acq: 13 Nov 2023 10:44

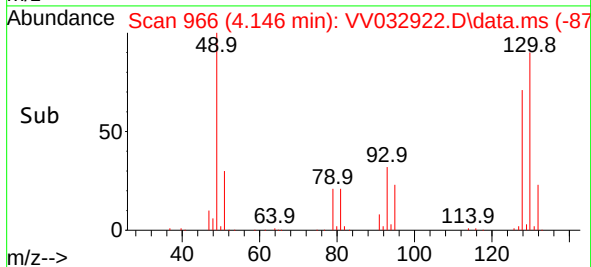
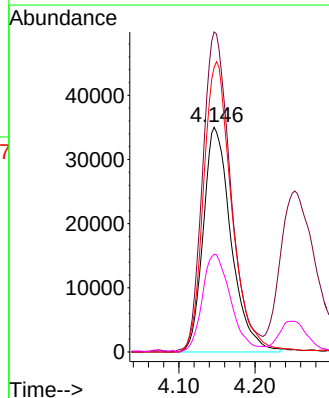
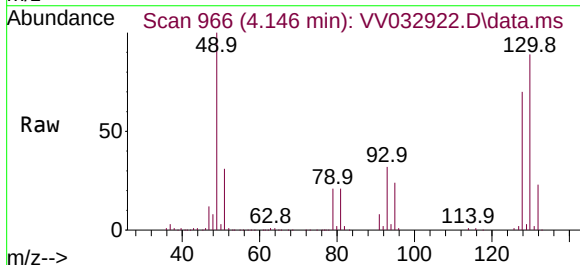
Instrument :
MSVOA_V
ClientSampleId :

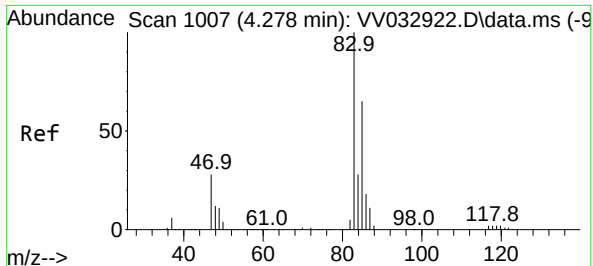
Tgt Ion: 43 Resp: 192587
Ion Ratio Lower Upper
43 100
72 27.9 14.0 41.9



#23
Bromochloromethane
Concen: 49.188 ug/L
RT: 4.146 min Scan# 966
Delta R.T. 0.000 min
Lab File: VV032922.D
Acq: 13 Nov 2023 10:44

Tgt Ion:128 Resp: 88961
Ion Ratio Lower Upper
128 100
49 142.4 99.7 185.1
130 126.7 88.7 164.7
51 43.6 34.9 52.3





#25

Chloroform

Concen: 49.434 ug/L

RT: 4.278 min Scan# 1007

Delta R.T. 0.000 min

Lab File: VV032922.D

Acq: 13 Nov 2023 10:44

Instrument :

MSVOA_V

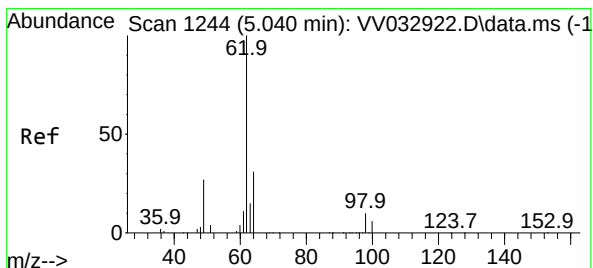
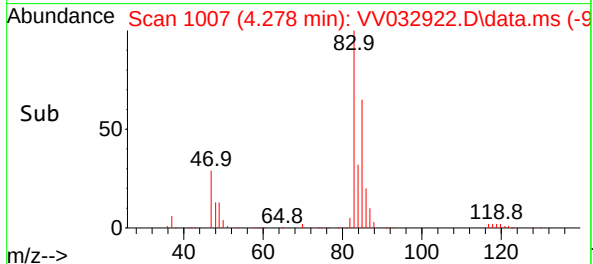
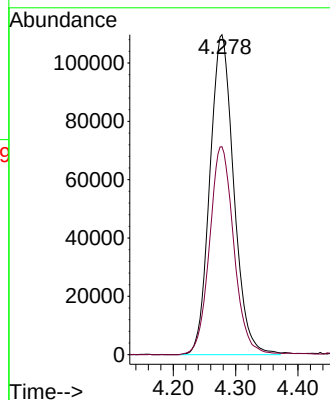
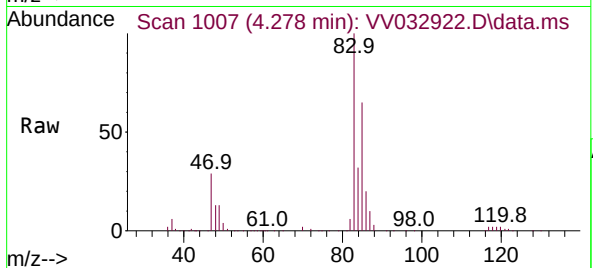
ClientSampleId :

Tgt Ion: 83 Resp: 292566

Ion Ratio Lower Upper

83 100

85 65.0 45.5 84.5



#27

1,2-Dichloroethane

Concen: 50.880 ug/L

RT: 5.040 min Scan# 1244

Delta R.T. 0.000 min

Lab File: VV032922.D

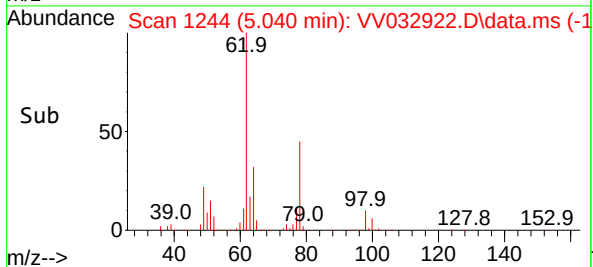
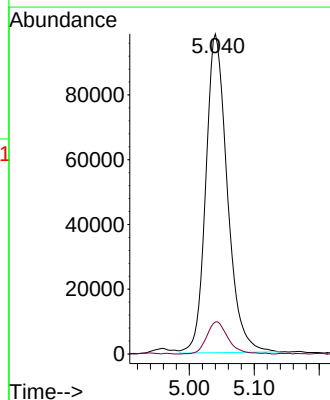
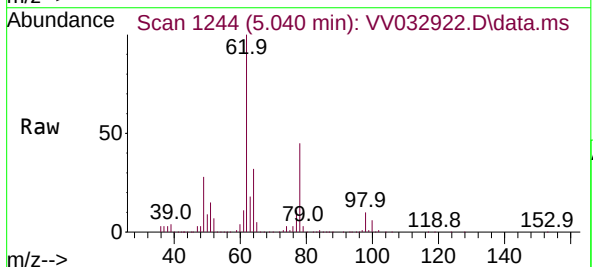
Acq: 13 Nov 2023 10:44

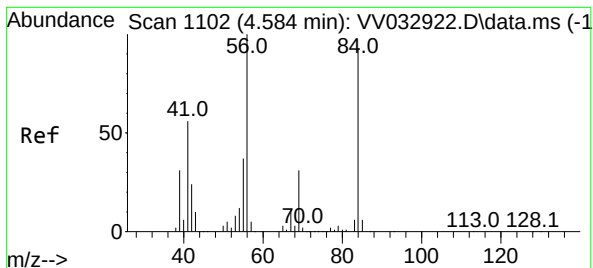
Tgt Ion: 62 Resp: 227146

Ion Ratio Lower Upper

62 100

98 10.0 8.0 12.0





#29

Cyclohexane

Concen: 51.901 ug/L

RT: 4.584 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VV032922.D

Acq: 13 Nov 2023 10:44

Instrument :

MSVOA_V

ClientSampleId :

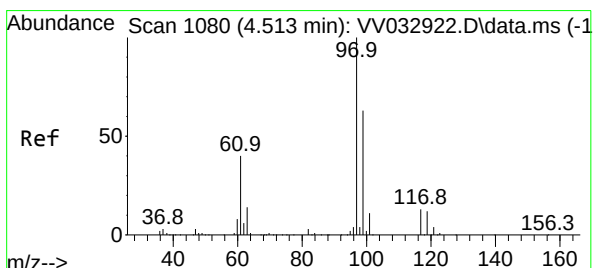
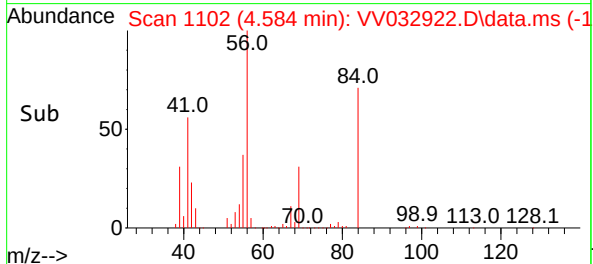
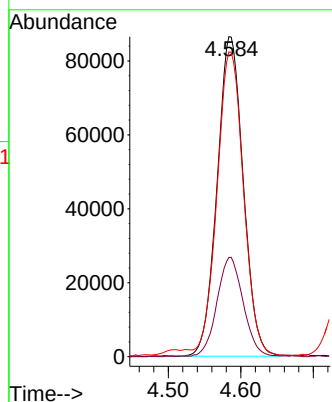
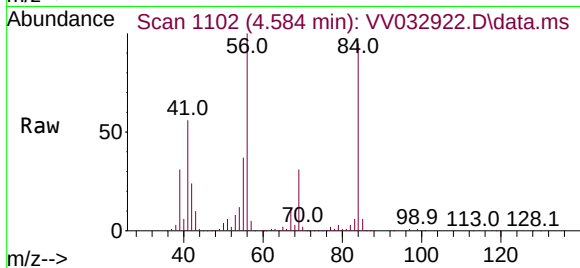
Tgt Ion: 56 Resp: 216674

Ion Ratio Lower Upper

56 100

69 30.9 24.7 37.1

84 95.8 76.6 115.0



#30

1,1,1-Trichloroethane

Concen: 49.723 ug/L

RT: 4.513 min Scan# 1080

Delta R.T. 0.000 min

Lab File: VV032922.D

Acq: 13 Nov 2023 10:44

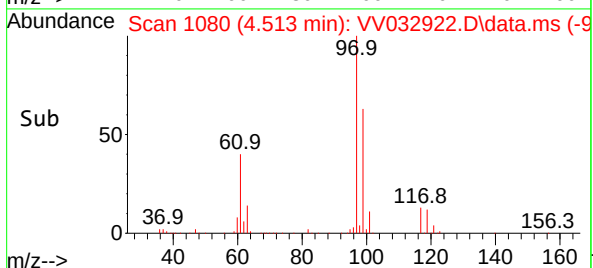
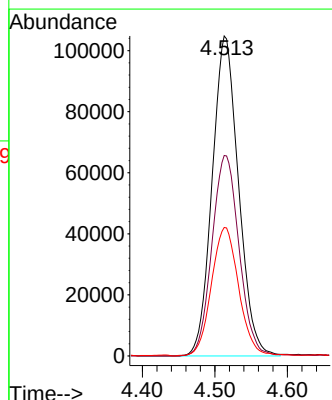
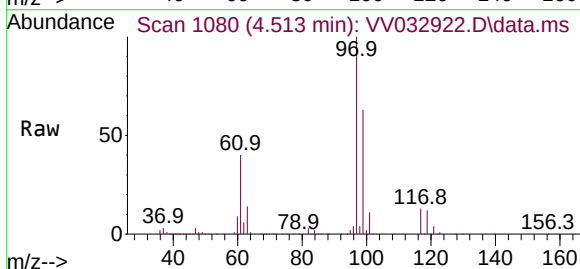
Tgt Ion: 97 Resp: 264714

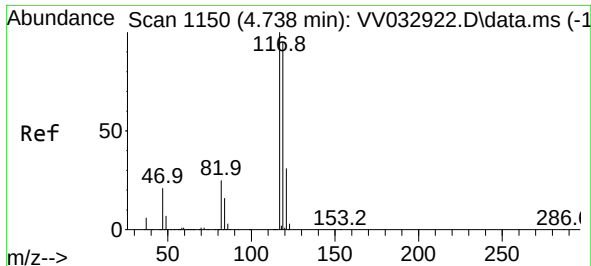
Ion Ratio Lower Upper

97 100

99 64.5 51.6 77.4

61 41.6 33.3 49.9

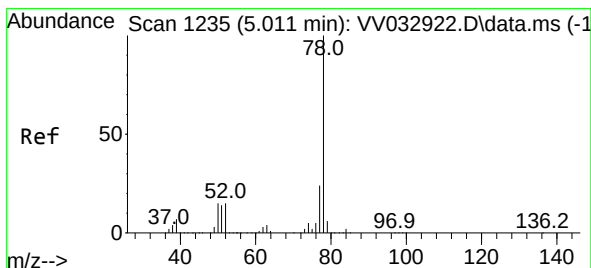
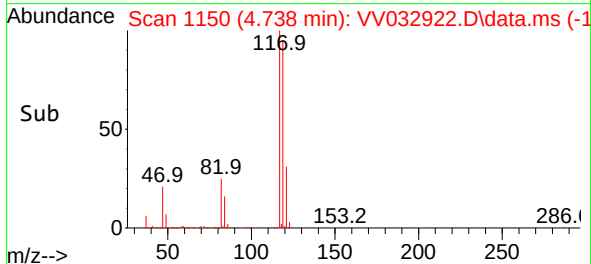
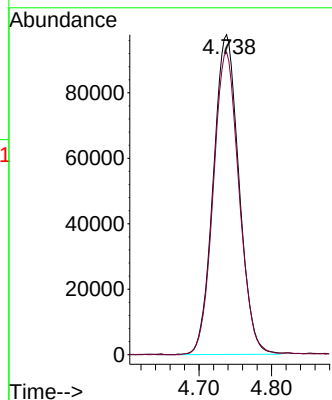
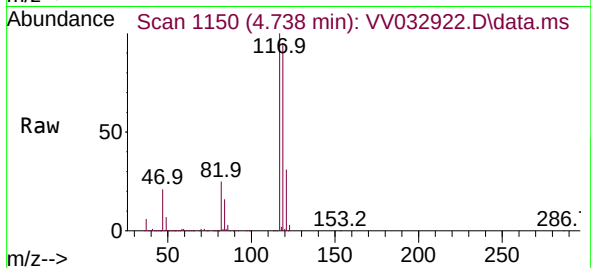




#31
Carbon tetrachloride
Concen: 50.381 ug/L
RT: 4.738 min Scan# 1150
Delta R.T. 0.000 min
Lab File: VV032922.D
Acq: 13 Nov 2023 10:44

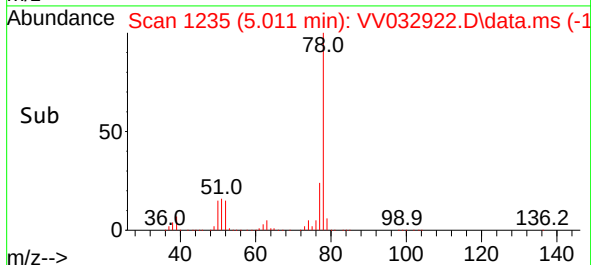
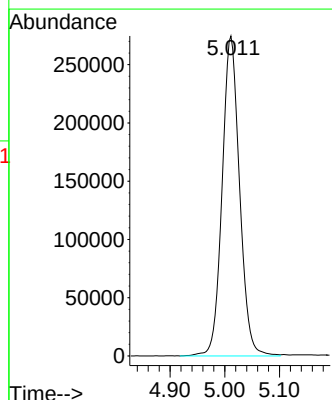
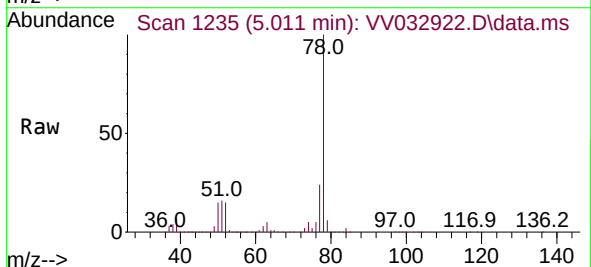
Instrument :
MSVOA_V
ClientSampleId :

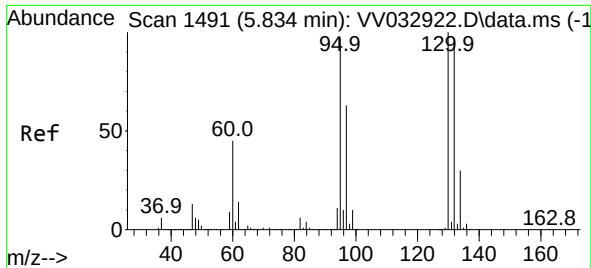
Tgt Ion:117 Resp: 239849
Ion Ratio Lower Upper
117 100
119 95.3 76.2 114.4



#33
Benzene
Concen: 51.532 ug/L
RT: 5.011 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VV032922.D
Acq: 13 Nov 2023 10:44

Tgt Ion: 78 Resp: 608006



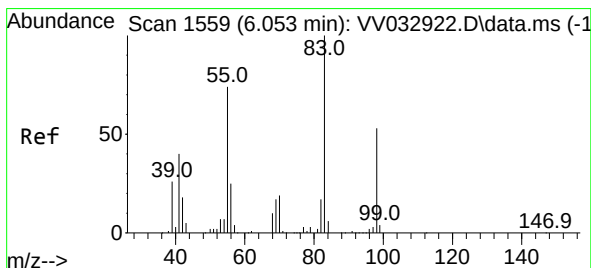
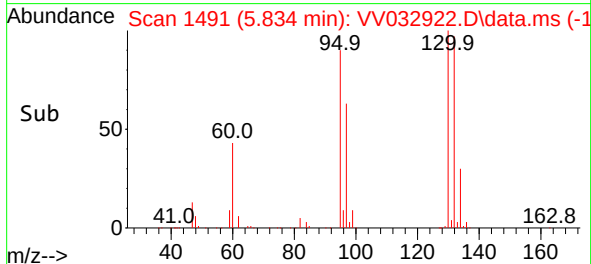
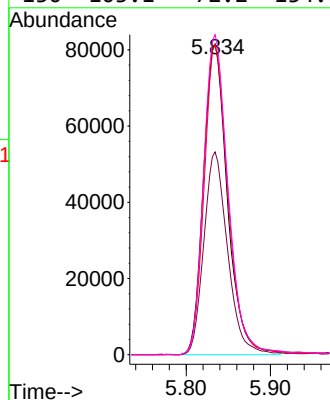
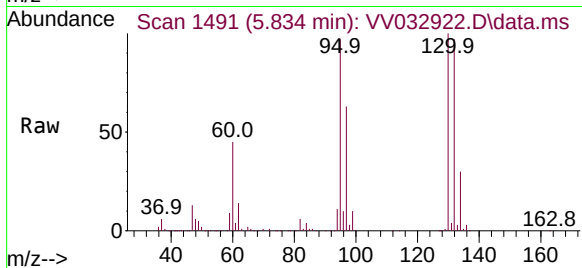


#34
Trichloroethene
Concen: 50.399 ug/L
RT: 5.834 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VV032922.D
Acq: 13 Nov 2023 10:44

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 161608

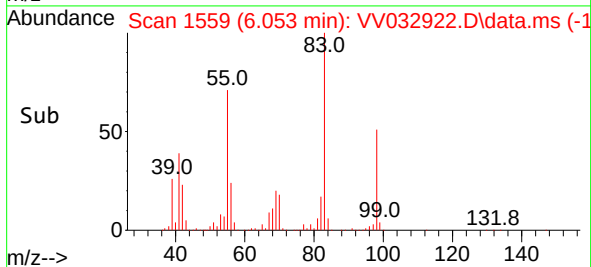
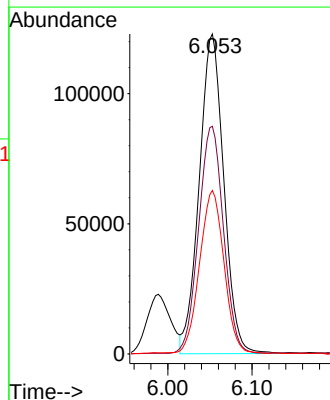
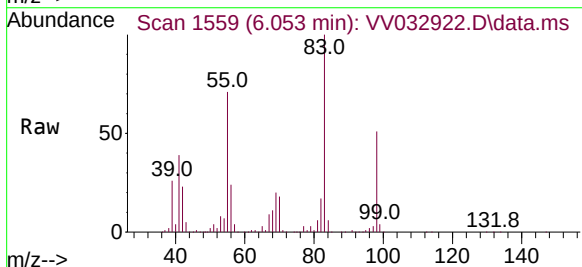
Ion	Ratio	Lower	Upper
95	100		
97	65.3	45.7	84.9
132	100.0	70.0	130.0
130	103.1	72.2	134.0

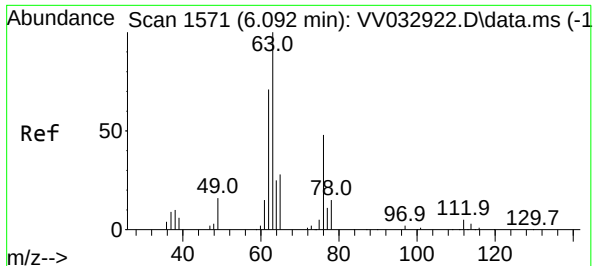


#35
Methylcyclohexane
Concen: 51.510 ug/L
RT: 6.053 min Scan# 1559
Delta R.T. 0.000 min
Lab File: VV032922.D
Acq: 13 Nov 2023 10:44

Tgt Ion: 83 Resp: 248920

Ion	Ratio	Lower	Upper
83	100		
55	71.9	57.5	86.3
98	51.2	41.0	61.4





#37

1,2-Dichloropropane

Concen: 50.906 ug/L

RT: 6.092 min Scan# 1571

Delta R.T. 0.000 min

Lab File: VV032922.D

Acq: 13 Nov 2023 10:44

Instrument :

MSVOA_V

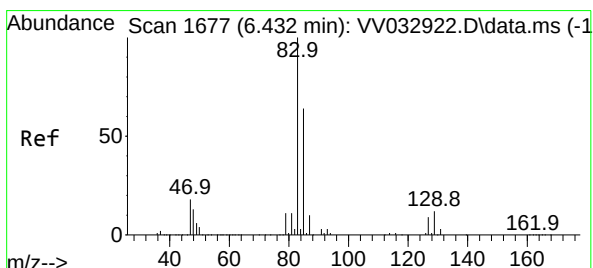
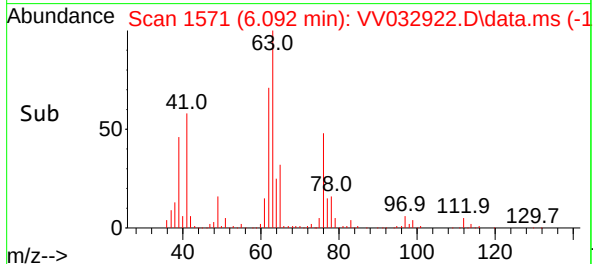
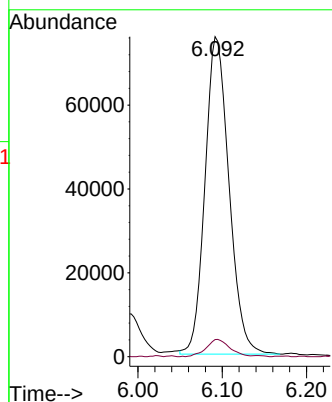
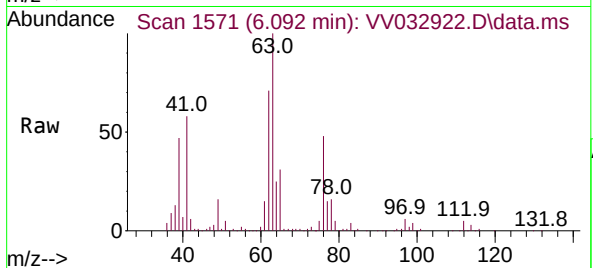
ClientSampleId :

Tgt Ion: 63 Resp: 149995

Ion Ratio Lower Upper

63 100

112 5.3 4.2 6.4



#38

Bromodichloromethane

Concen: 49.765 ug/L

RT: 6.432 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VV032922.D

Acq: 13 Nov 2023 10:44

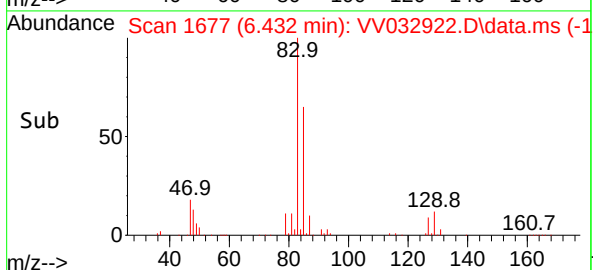
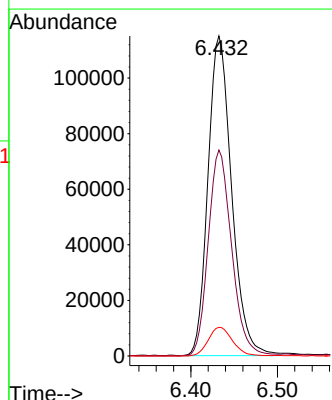
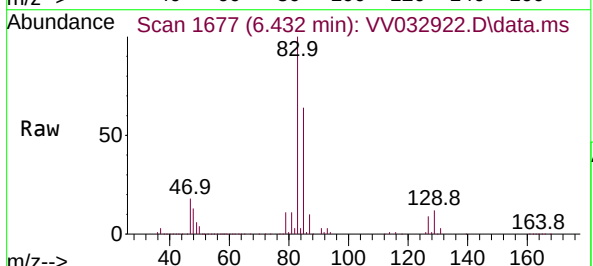
Tgt Ion: 83 Resp: 218737

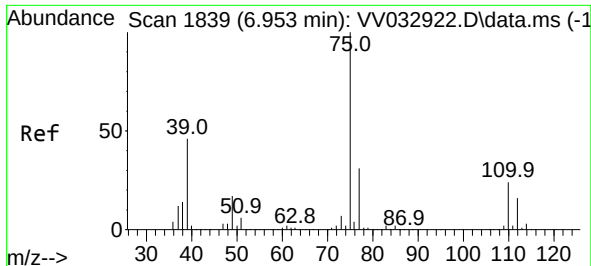
Ion Ratio Lower Upper

83 100

85 64.4 45.1 83.7

127 9.0 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 52.624 ug/L

RT: 6.953 min Scan# 1839

Delta R.T. 0.000 min

Lab File: VV032922.D

Acq: 13 Nov 2023 10:44

Instrument :

MSVOA_V

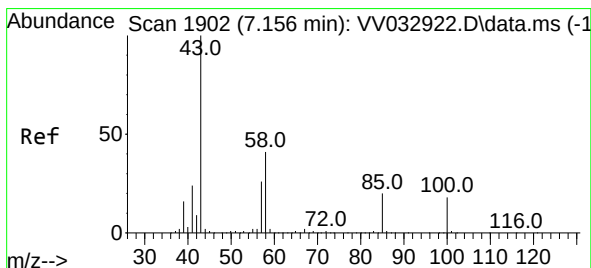
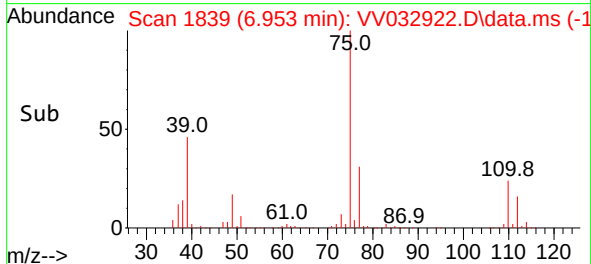
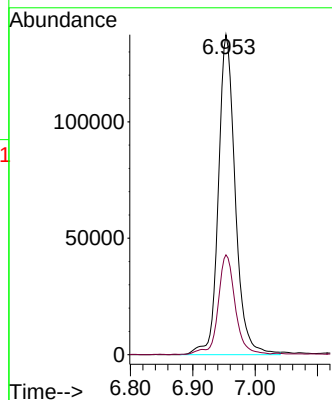
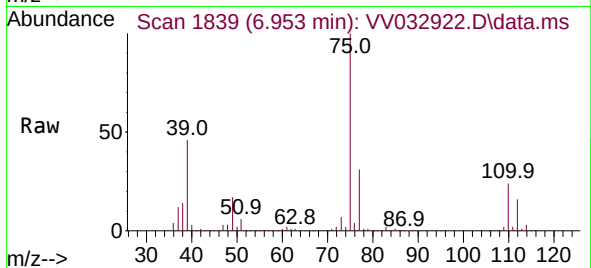
ClientSampleId :

Tgt Ion: 75 Resp: 257880

Ion Ratio Lower Upper

75 100

77 31.2 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 106.333 ug/L

RT: 7.156 min Scan# 1902

Delta R.T. 0.000 min

Lab File: VV032922.D

Acq: 13 Nov 2023 10:44

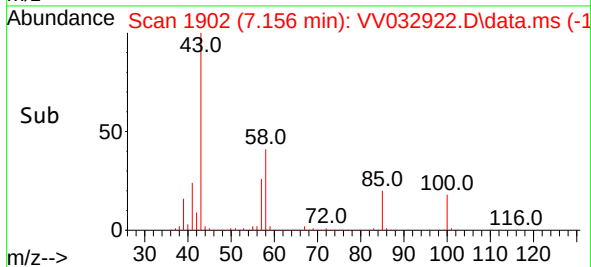
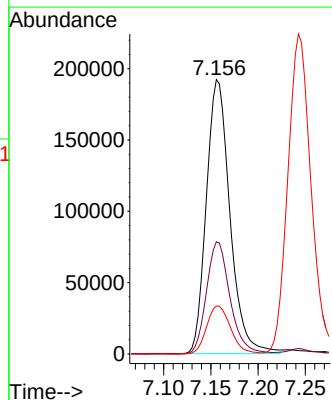
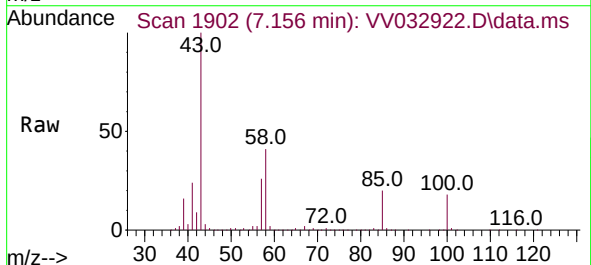
Tgt Ion: 43 Resp: 334116

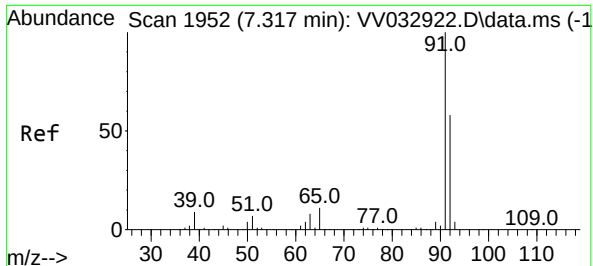
Ion Ratio Lower Upper

43 100

58 40.8 32.6 49.0

100 17.8 14.2 21.4





#42

Toluene

Concen: 51.855 ug/L

RT: 7.317 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VV032922.D

Acq: 13 Nov 2023 10:44

Instrument :

MSVOA_V

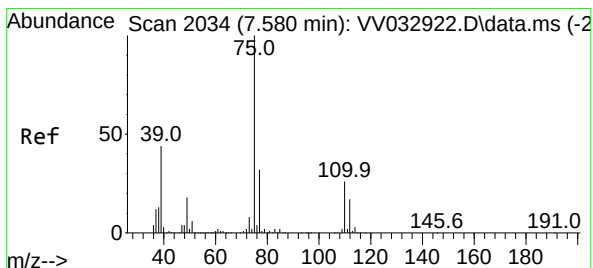
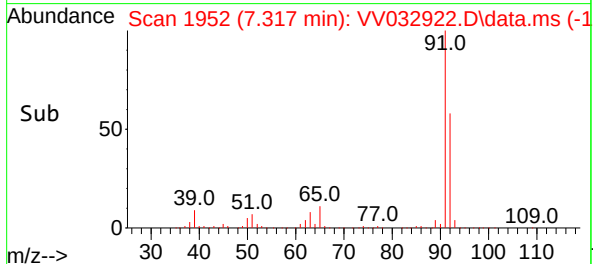
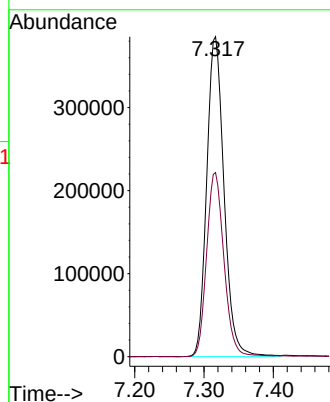
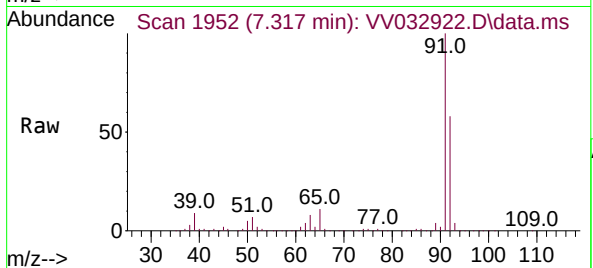
ClientSampleId :

Tgt Ion: 91 Resp: 667630

Ion Ratio Lower Upper

91 100

92 57.6 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 51.549 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. 0.000 min

Lab File: VV032922.D

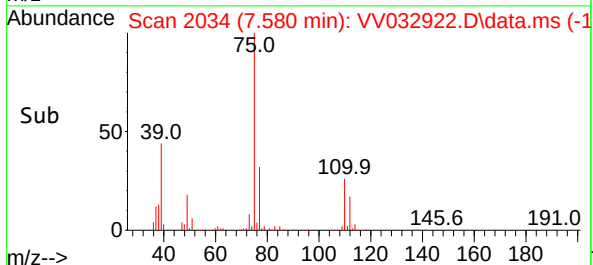
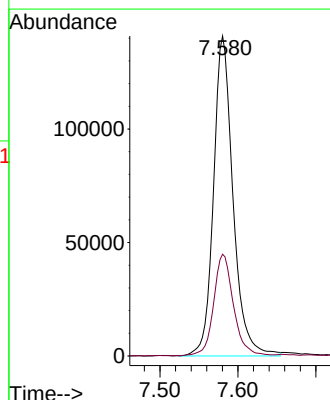
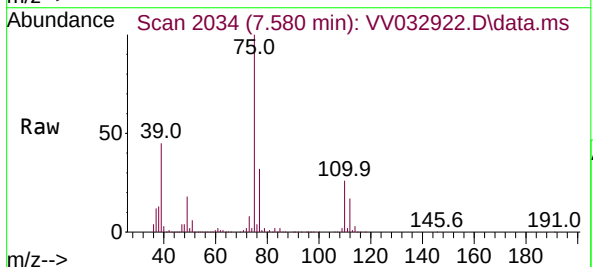
Acq: 13 Nov 2023 10:44

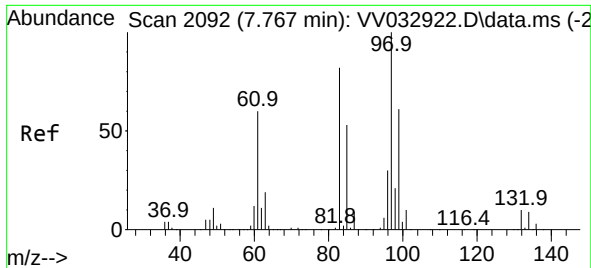
Tgt Ion: 75 Resp: 245371

Ion Ratio Lower Upper

75 100

77 31.8 22.3 41.3



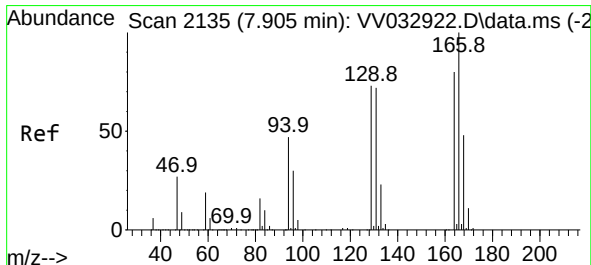
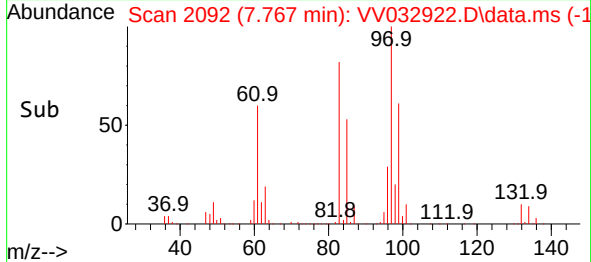
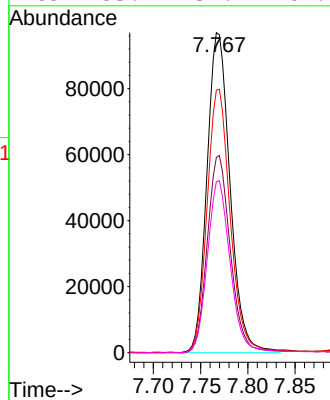
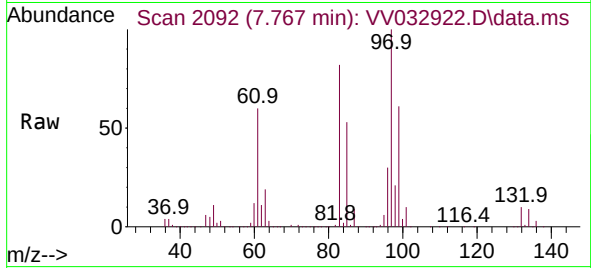


#45
1,1,2-Trichloroethane
Concen: 50.472 ug/L
RT: 7.767 min Scan# 2092
Delta R.T. 0.000 min
Lab File: VV032922.D
Acq: 13 Nov 2023 10:44

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 165031

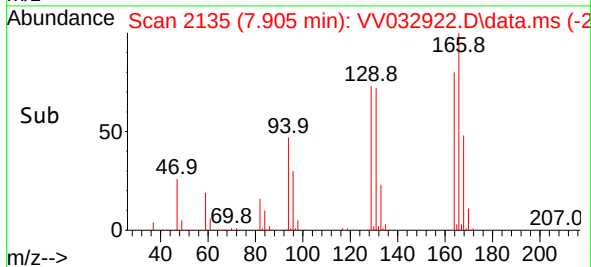
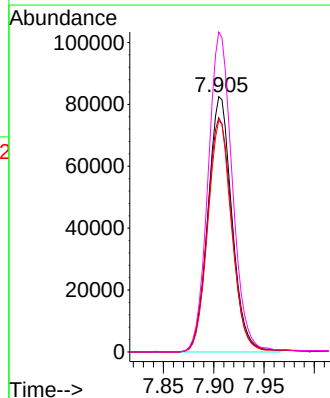
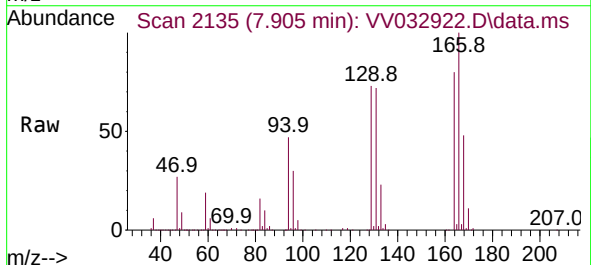
Ion	Ratio	Lower	Upper
97	100		
99	61.1	42.8	79.4
83	82.0	57.4	106.6
85	53.4	37.4	69.4

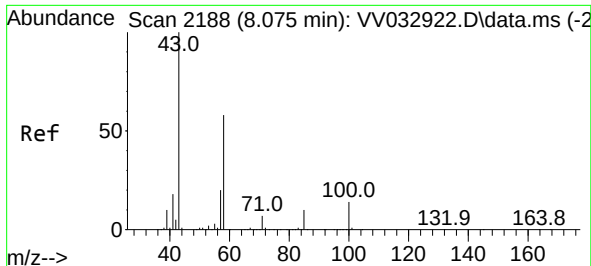


#46
Tetrachloroethene
Concen: 49.625 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.000 min
Lab File: VV032922.D
Acq: 13 Nov 2023 10:44

Tgt Ion: 164 Resp: 136885

Ion	Ratio	Lower	Upper
164	100		
129	91.7	64.2	119.2
131	90.7	63.5	117.9
166	125.3	87.7	162.9

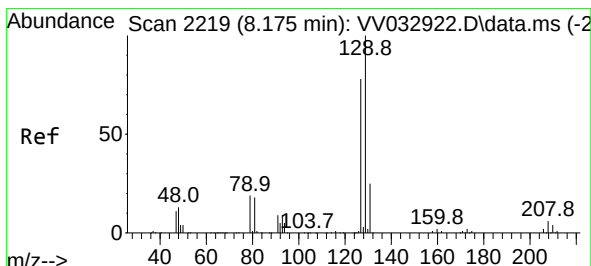
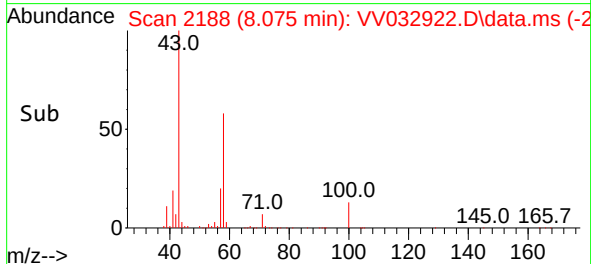
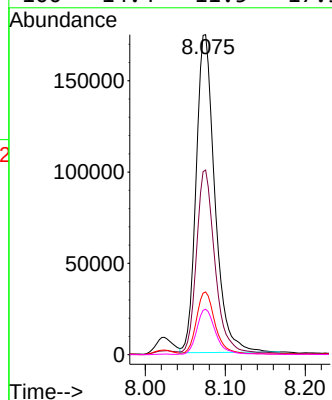
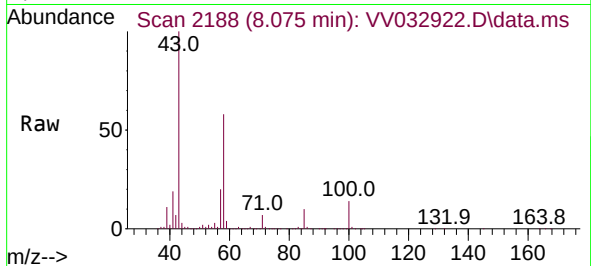




#48
2-Hexanone
Concen: 109.592 ug/L
RT: 8.075 min Scan# 2188
Delta R.T. 0.000 min
Lab File: VV032922.D
Acq: 13 Nov 2023 10:44

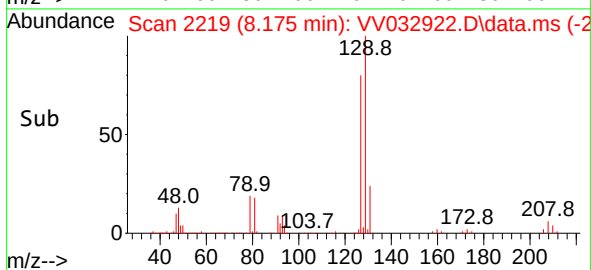
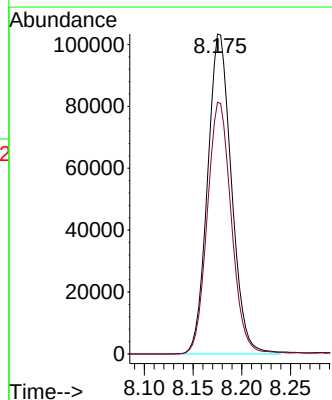
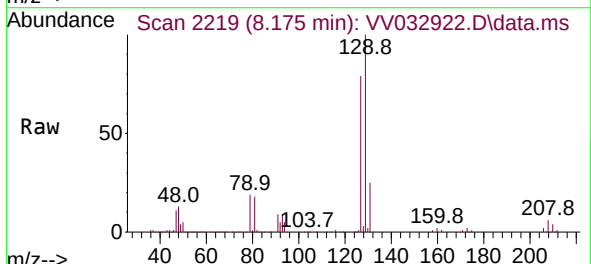
Instrument :
MSVOA_V
ClientSampleId :

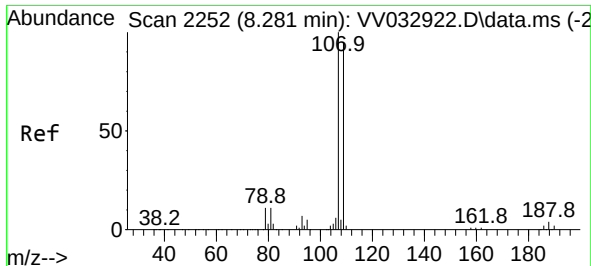
Tgt Ion: 43 Resp: 284709
Ion Ratio Lower Upper
43 100
58 56.0 44.8 67.2
57 19.0 15.2 22.8
100 14.4 11.5 17.3



#49
Dibromochloromethane
Concen: 50.071 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. 0.000 min
Lab File: VV032922.D
Acq: 13 Nov 2023 10:44

Tgt Ion: 129 Resp: 176371
Ion Ratio Lower Upper
129 100
127 78.7 55.1 102.3





#50

1,2-Dibromoethane

Concen: 50.289 ug/L

RT: 8.281 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV032922.D

Acq: 13 Nov 2023 10:44

Instrument :

MSVOA_V

ClientSampleId :

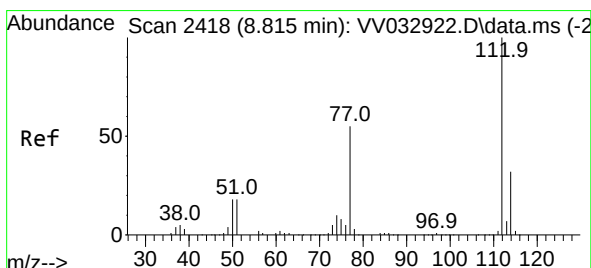
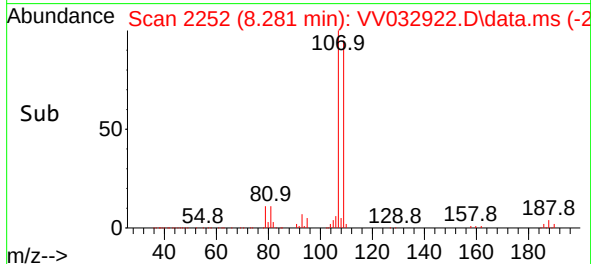
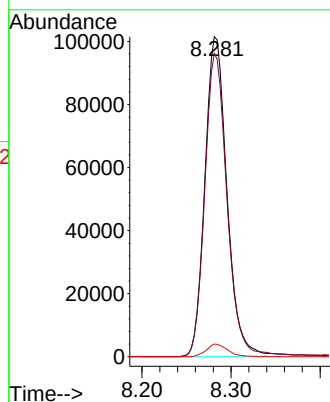
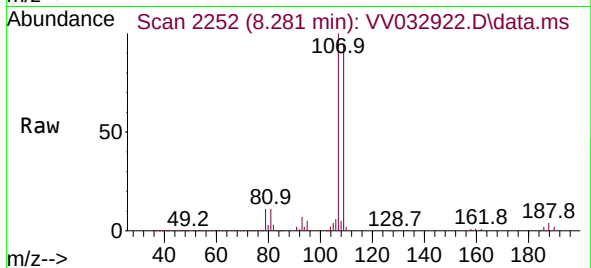
Tgt Ion:107 Resp: 175019

Ion Ratio Lower Upper

107 100

109 94.7 66.3 123.1

188 3.9 3.1 4.7



#51

Chlorobenzene

Concen: 49.713 ug/L

RT: 8.815 min Scan# 2418

Delta R.T. 0.000 min

Lab File: VV032922.D

Acq: 13 Nov 2023 10:44

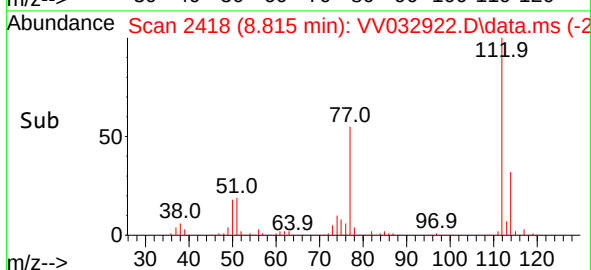
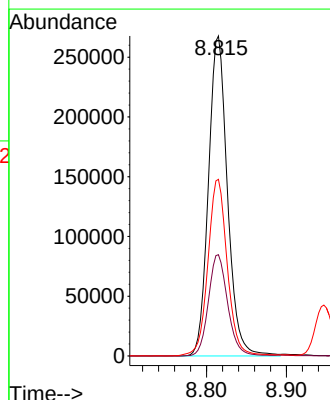
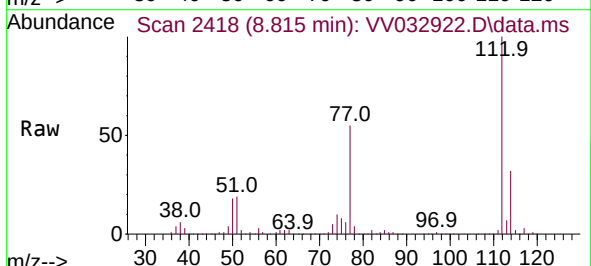
Tgt Ion:112 Resp: 443383

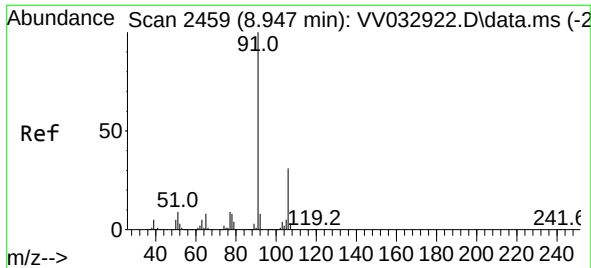
Ion Ratio Lower Upper

112 100

114 31.6 22.1 41.1

77 55.2 44.2 66.2

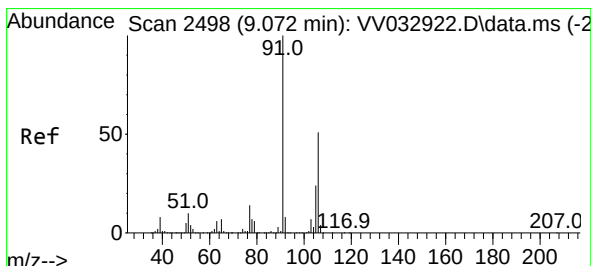
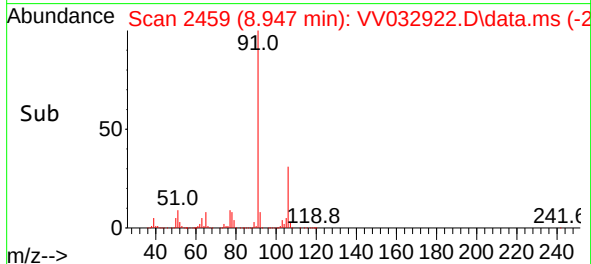
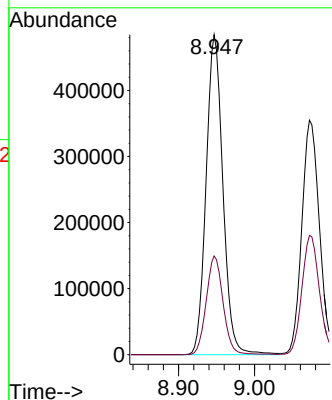
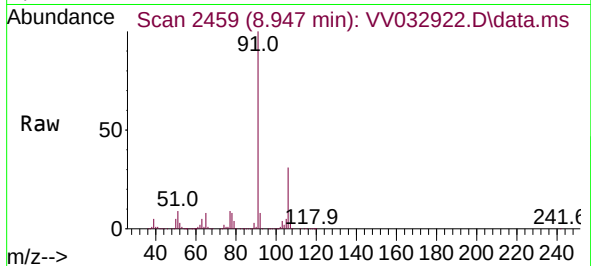




#52
Ethylbenzene
Concen: 52.105 ug/L
RT: 8.947 min Scan# 2459
Delta R.T. 0.000 min
Lab File: VV032922.D
Acq: 13 Nov 2023 10:44

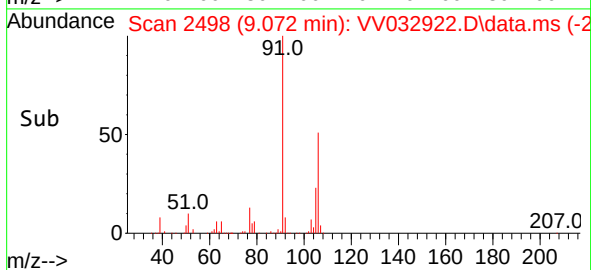
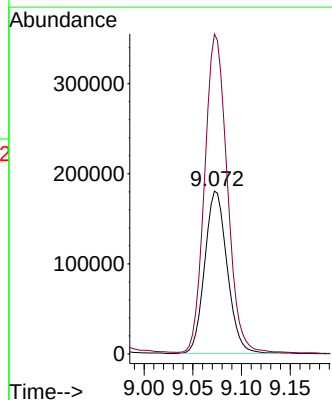
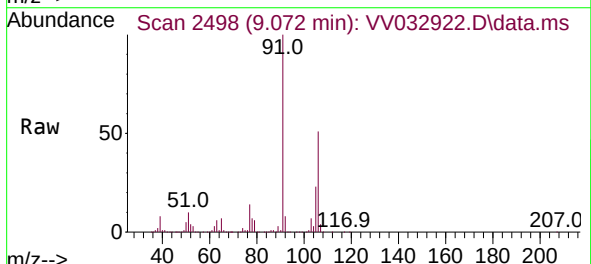
Instrument :
MSVOA_V
ClientSampleId :

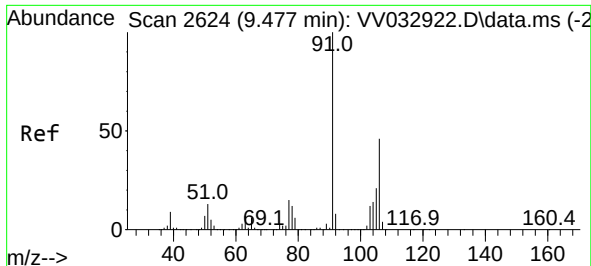
Tgt Ion: 91 Resp: 742922
Ion Ratio Lower Upper
91 100
106 30.8 21.6 40.0



#53
m,p-Xylene
Concen: 52.626 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. 0.000 min
Lab File: VV032922.D
Acq: 13 Nov 2023 10:44

Tgt Ion:106 Resp: 288518
Ion Ratio Lower Upper
106 100
91 196.5 137.5 255.4

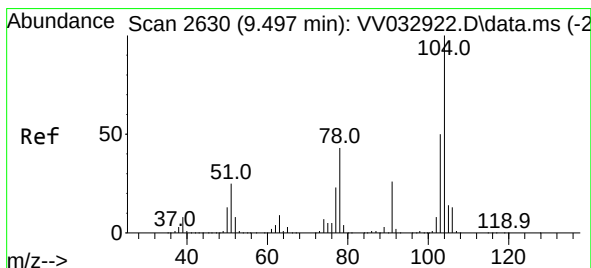
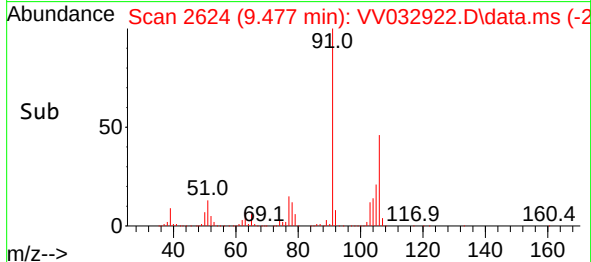
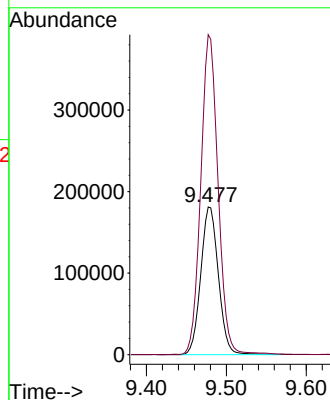
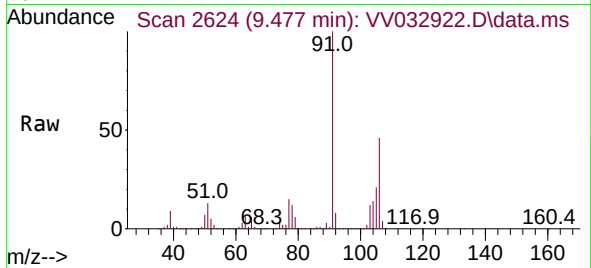




#54
o-Xylene
Concen: 52.672 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. 0.000 min
Lab File: VV032922.D
Acq: 13 Nov 2023 10:44

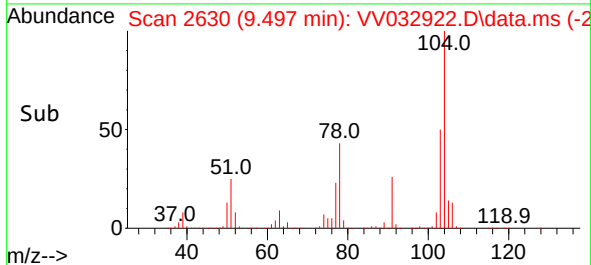
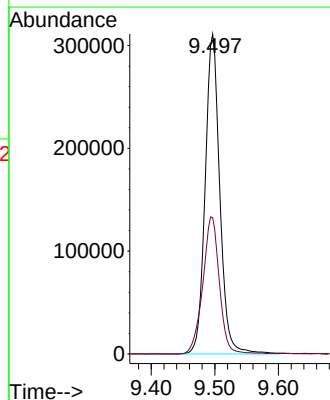
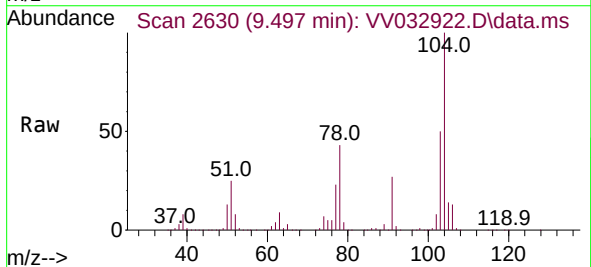
Instrument :
MSVOA_V
ClientSampleId :

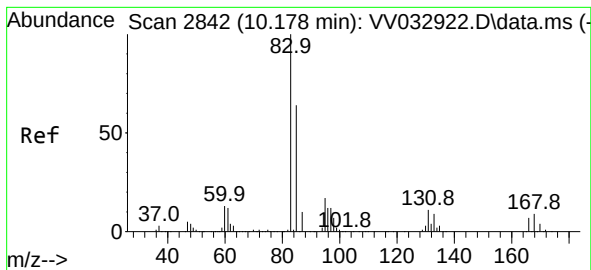
Tgt Ion:106 Resp: 278439
Ion Ratio Lower Upper
106 100
91 216.6 151.6 281.6



#55
Styrene
Concen: 53.484 ug/L
RT: 9.497 min Scan# 2630
Delta R.T. 0.000 min
Lab File: VV032922.D
Acq: 13 Nov 2023 10:44

Tgt Ion:104 Resp: 498703
Ion Ratio Lower Upper
104 100
78 42.6 29.8 55.4

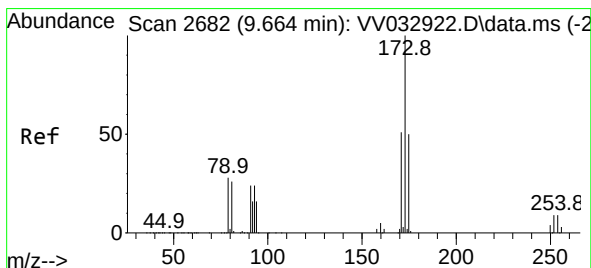
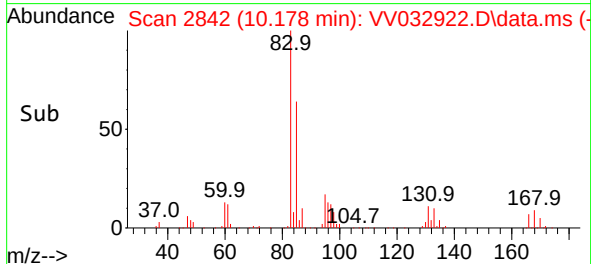
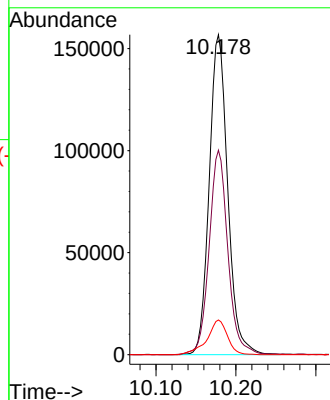
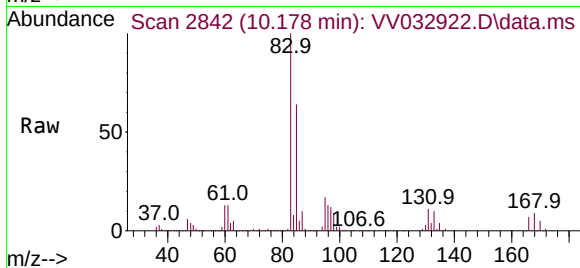




#57
1,1,2,2-Tetrachloroethane
Concen: 50.085 ug/L
RT: 10.178 min Scan# 2842
Delta R.T. 0.000 min
Lab File: VV032922.D
Acq: 13 Nov 2023 10:44

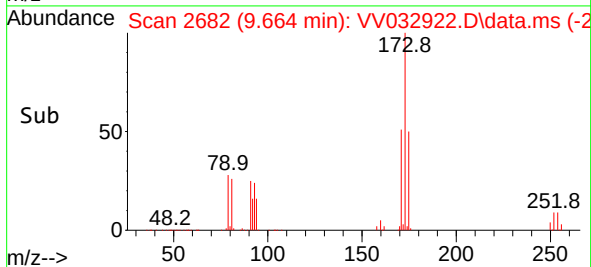
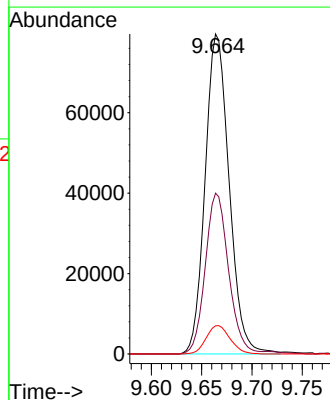
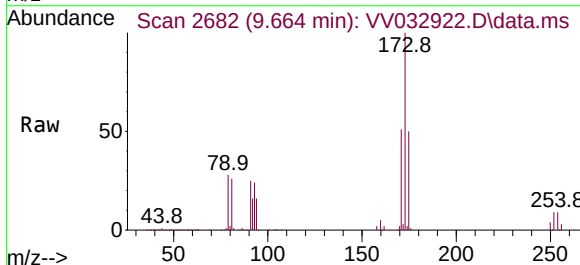
Instrument :
MSVOA_V
ClientSampleId :

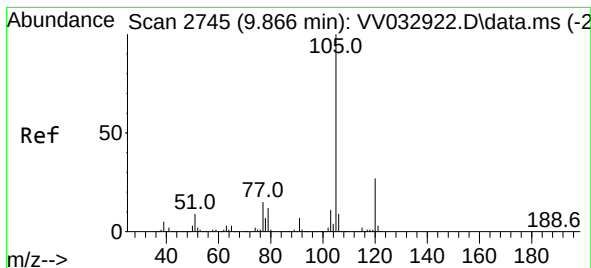
Tgt Ion: 83 Resp: 251944
Ion Ratio Lower Upper
83 100
85 63.9 44.7 83.1
131 10.9 8.7 13.1



#59
Bromoform
Concen: 50.238 ug/L
RT: 9.664 min Scan# 2682
Delta R.T. 0.000 min
Lab File: VV032922.D
Acq: 13 Nov 2023 10:44

Tgt Ion: 173 Resp: 132429
Ion Ratio Lower Upper
173 100
175 48.7 39.0 58.4
254 8.8 7.0 10.6





#60

Isopropylbenzene

Concen: 51.596 ug/L

RT: 9.866 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV032922.D

Acq: 13 Nov 2023 10:44

Instrument :

MSVOA_V

ClientSampleId :

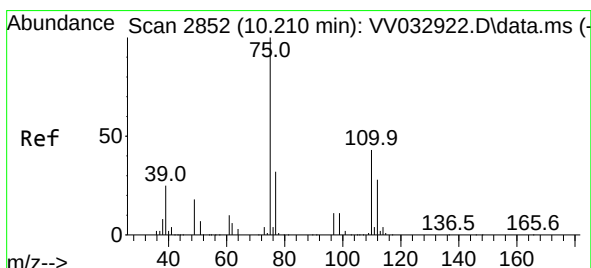
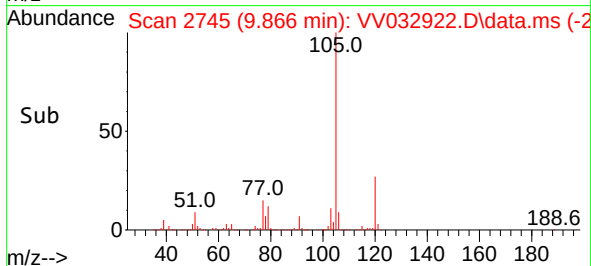
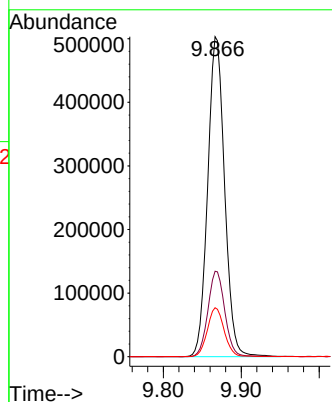
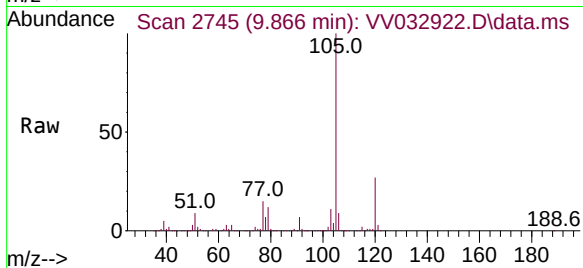
Tgt Ion:105 Resp: 756831

Ion Ratio Lower Upper

105 100

120 26.8 21.4 32.2

77 15.1 12.1 18.1



#61

1,2,3-Trichloropropane

Concen: 50.637 ug/L

RT: 10.210 min Scan# 2852

Delta R.T. 0.000 min

Lab File: VV032922.D

Acq: 13 Nov 2023 10:44

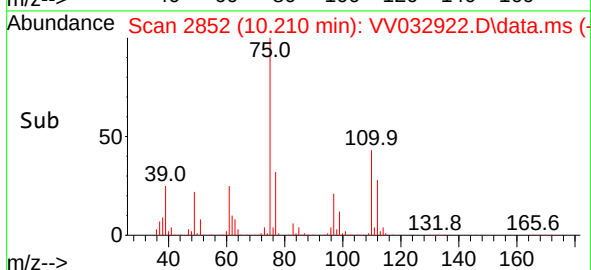
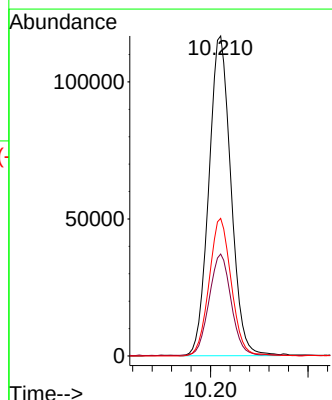
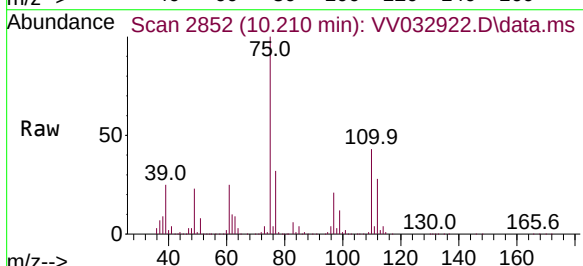
Tgt Ion: 75 Resp: 183665

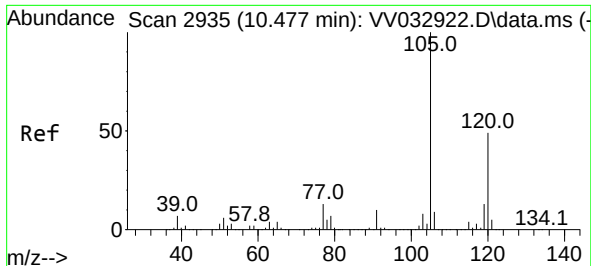
Ion Ratio Lower Upper

75 100

77 31.3 25.0 37.6

110 43.3 34.6 52.0





#62

1,3,5-Trimethylbenzene

Concen: 52.931 ug/L

RT: 10.477 min Scan# 2935

Delta R.T. 0.000 min

Lab File: VV032922.D

Acq: 13 Nov 2023 10:44

Instrument :

MSVOA_V

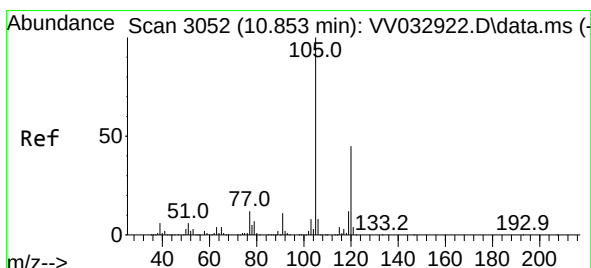
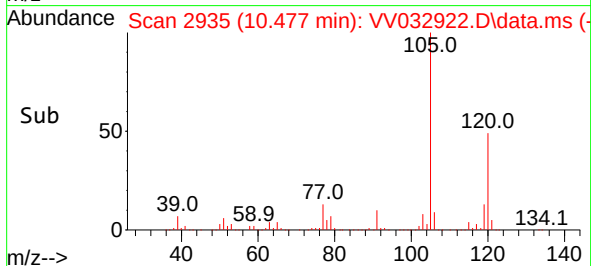
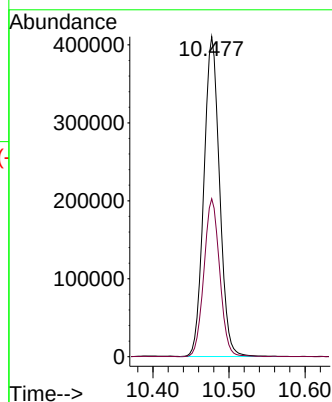
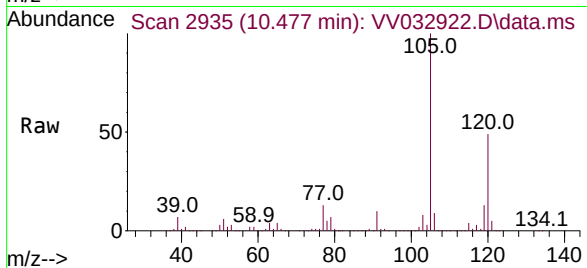
ClientSampleId :

Tgt Ion:105 Resp: 588973

Ion Ratio Lower Upper

105 100

120 49.5 39.6 59.4



#63

1,2,4-Trimethylbenzene

Concen: 53.661 ug/L

RT: 10.853 min Scan# 3052

Delta R.T. 0.000 min

Lab File: VV032922.D

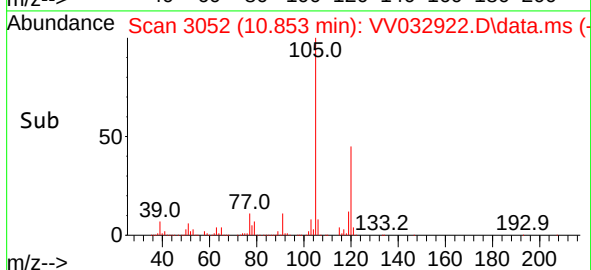
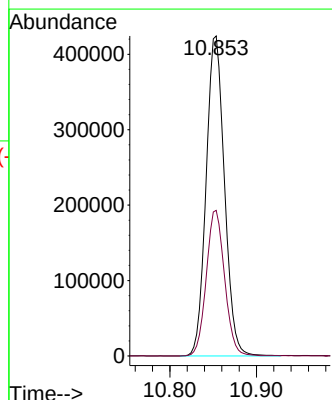
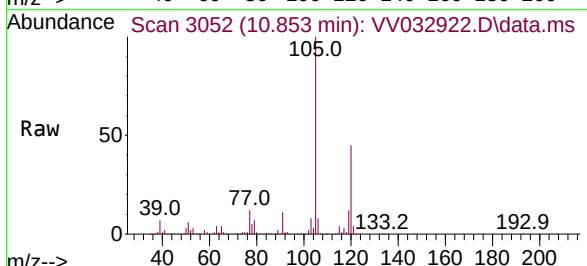
Acq: 13 Nov 2023 10:44

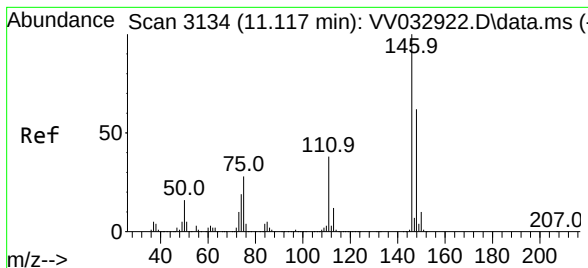
Tgt Ion:105 Resp: 624330

Ion Ratio Lower Upper

105 100

120 45.4 36.3 54.5





#64

1,3-Dichlorobenzene

Concen: 50.171 ug/L

RT: 11.117 min Scan# 3134

Delta R.T. 0.000 min

Lab File: VV032922.D

Acq: 13 Nov 2023 10:44

Instrument :

MSVOA_V

ClientSampleId :

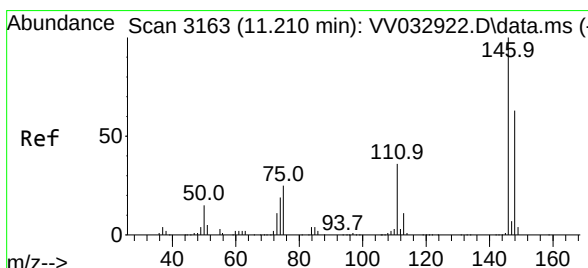
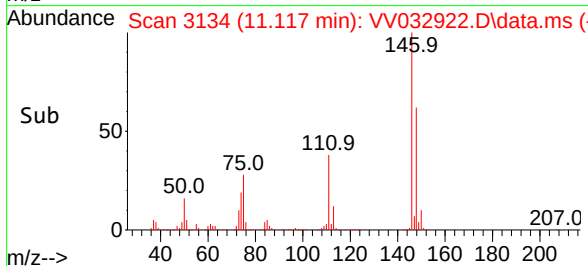
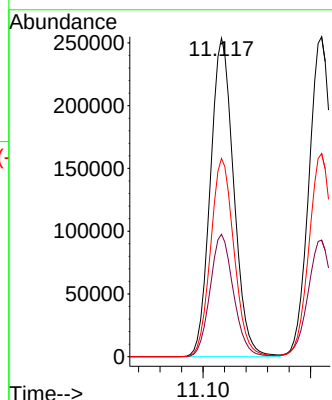
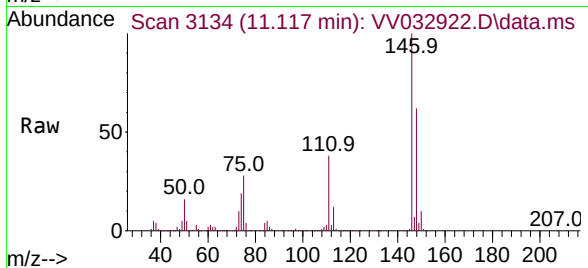
Tgt Ion:146 Resp: 383823

Ion Ratio Lower Upper

146 100

111 38.4 26.9 49.9

148 62.3 43.6 81.0



#65

1,4-Dichlorobenzene

Concen: 48.309 ug/L

RT: 11.210 min Scan# 3163

Delta R.T. 0.000 min

Lab File: VV032922.D

Acq: 13 Nov 2023 10:44

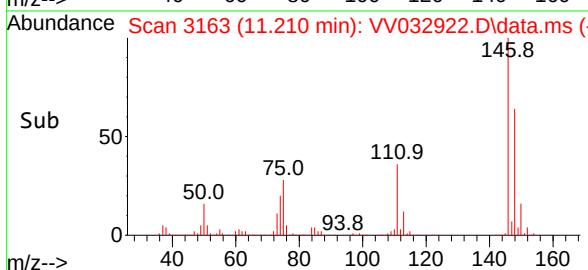
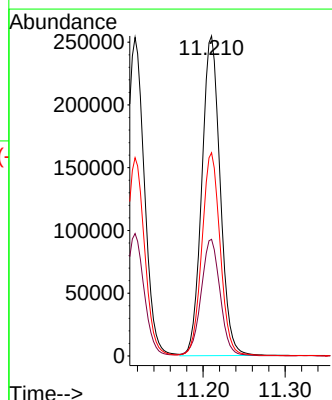
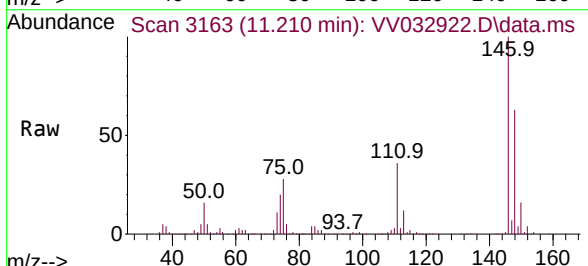
Tgt Ion:146 Resp: 396376

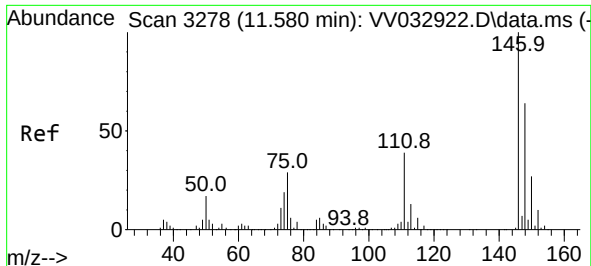
Ion Ratio Lower Upper

146 100

111 36.4 25.5 47.3

148 63.5 44.4 82.5





#67

1,2-Dichlorobenzene

Concen: 49.873 ug/L

RT: 11.580 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV032922.D

Acq: 13 Nov 2023 10:44

Instrument :

MSVOA_V

ClientSampleId :

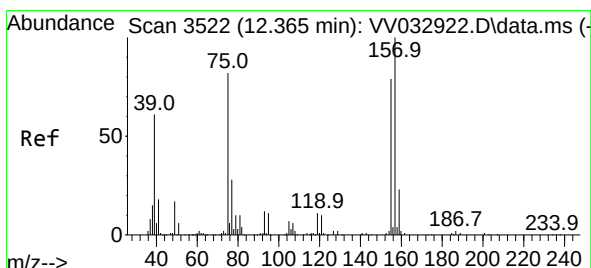
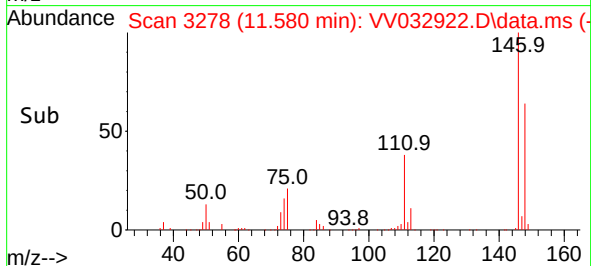
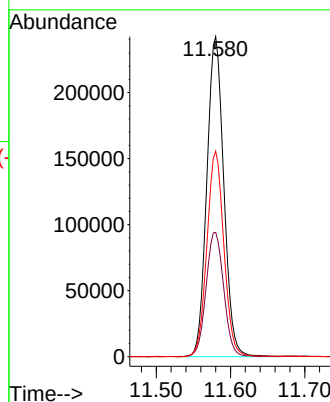
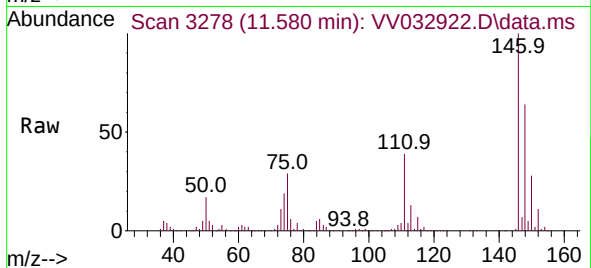
Tgt Ion:146 Resp: 383686

Ion Ratio Lower Upper

146 100

111 38.9 31.1 46.7

148 64.2 51.4 77.0



#68

1,2-Dibromo-3-chloropropane

Concen: 48.778 ug/L

RT: 12.365 min Scan# 3522

Delta R.T. 0.000 min

Lab File: VV032922.D

Acq: 13 Nov 2023 10:44

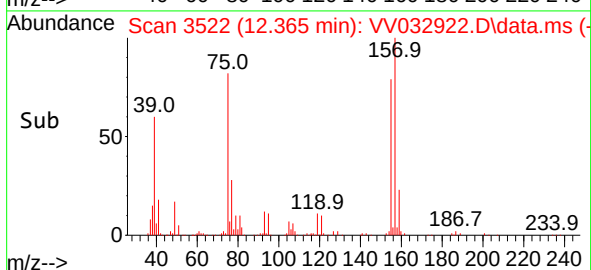
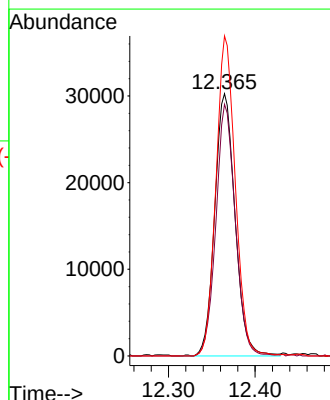
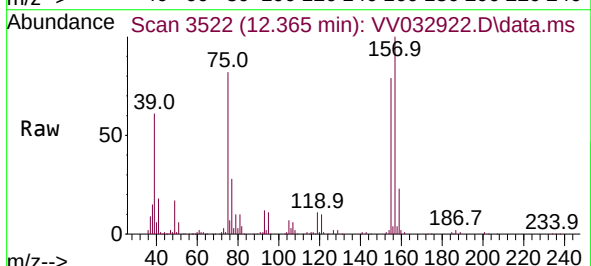
Tgt Ion: 75 Resp: 49444

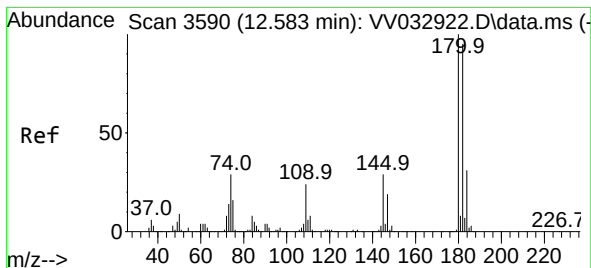
Ion Ratio Lower Upper

75 100

155 96.0 76.8 115.2

157 122.0 97.6 146.4





#69

1,3,5-Trichlorobenzene

Concen: 48.900 ug/L

RT: 12.583 min Scan# 3590

Delta R.T. 0.000 min

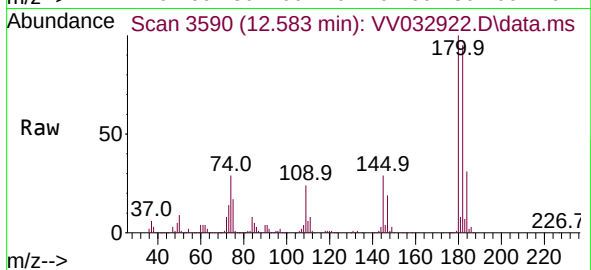
Lab File: VV032922.D

Acq: 13 Nov 2023 10:44

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 280674

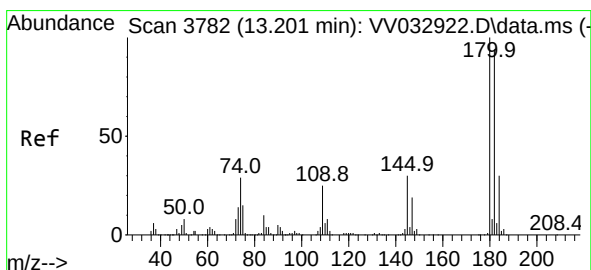
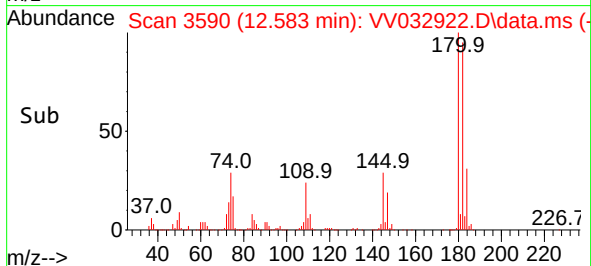
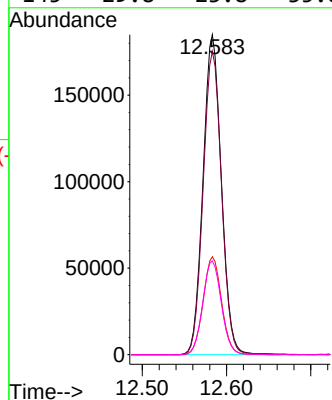
Ion Ratio Lower Upper

180 100

182 94.9 75.9 113.9

184 30.7 24.6 36.8

145 29.8 23.8 35.8



#70

1,2,4-trichlorobenzene

Concen: 49.662 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.000 min

Lab File: VV032922.D

Acq: 13 Nov 2023 10:44

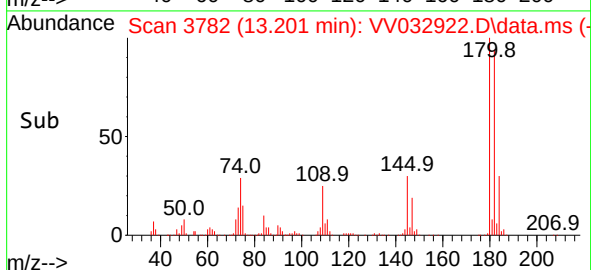
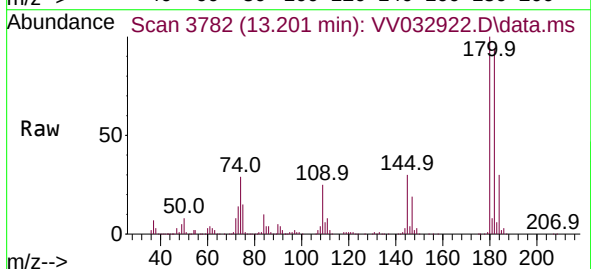
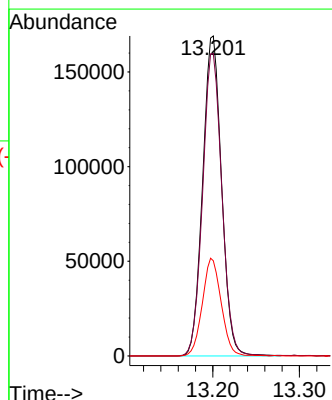
Tgt Ion:180 Resp: 256053

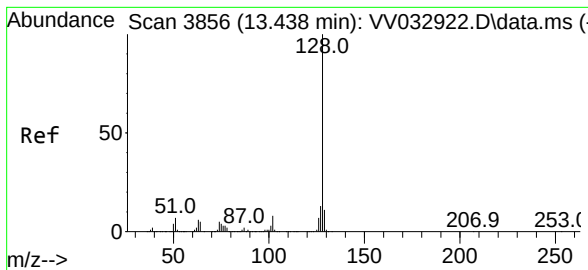
Ion Ratio Lower Upper

180 100

182 96.2 77.0 115.4

145 30.4 24.3 36.5

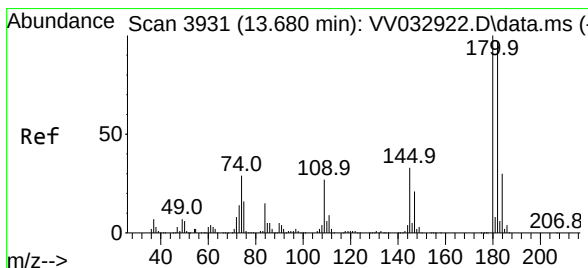
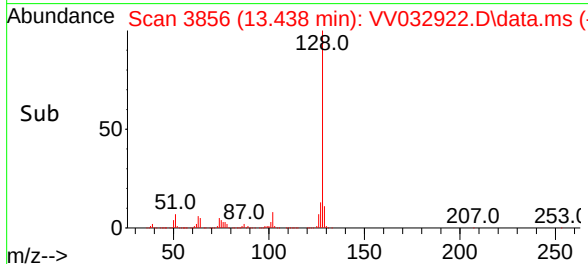
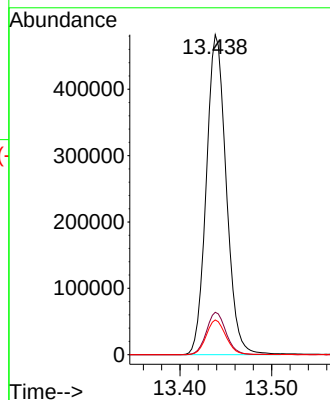
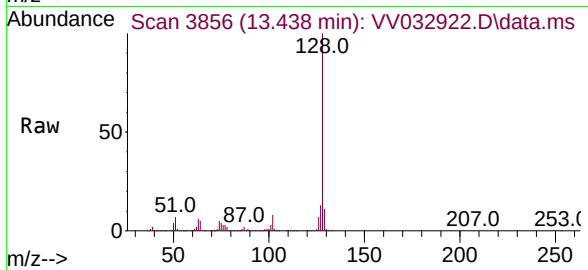




#71
Naphthalene
Concen: 53.641 ug/L
RT: 13.438 min Scan# 3856
Delta R.T. 0.000 min
Lab File: VV032922.D
Acq: 13 Nov 2023 10:44

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion:	128	Resp:	726800
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.4	15.6
129	10.8	8.6	13.0



#72
1,2,3-Trichlorobenzene
Concen: 50.319 ug/L
RT: 13.680 min Scan# 3931
Delta R.T. 0.000 min
Lab File: VV032922.D
Acq: 13 Nov 2023 10:44

Tgt Ion:	180	Resp:	261106
Ion Ratio	Lower	Upper	
180	100		
182	96.1	76.9	115.3
145	32.6	26.1	39.1

