

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042624\
 Data File : VW035419.D
 Acq On : 26 Apr 2024 10:47
 Operator : SY/MD
 Sample : VSTD10044
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 27 00:04:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM042624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 27 00:01:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	563363	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	560552	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	312753	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	450228	99.443	ug/L	0.00
7) Chloroethane-d5	1.526	69	204537	78.849	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.053	65	183005	98.899	ug/L	0.00
21) 2-Butanone-d5	3.786	46	496437	214.932	ug/L	0.00
24) Chloroform-d	4.243	84	761609	99.970	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.937	65	455579	102.668	ug/L	0.00
32) Benzene-d6	4.953	84	1536069	104.276	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.982	67	471452	103.730	ug/L	0.00
41) Toluene-d8	7.240	98	1437500	108.267	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.548	79	232260	109.240	ug/L	0.00
47) 2-Hexanone-d5	8.027	63	325912	254.206	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.149	84	667143	102.987	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.558	152	557018	101.798	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	386449	93.304	ug/L	99
3) Chloromethane	1.217	50	390437	92.897	ug/L	100
5) Vinyl chloride	1.285	62	424792	95.809	ug/L	100
6) Bromomethane	1.484	94	239348	92.174	ug/L	100
8) Chloroethane	1.542	64	151892	77.604	ug/L	99
9) Trichlorofluoromethane	1.706	101	560107	93.531	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	355554	94.769	ug/L	99
12) 1,1-Dichloroethene	2.066	96	317072	95.259	ug/L	98
13) Acetone	2.121	43	513177	186.114	ug/L	99
14) Carbon disulfide	2.237	76	884767	95.695	ug/L	100
15) Methyl Acetate	2.372	43	407001	97.331	ug/L	98
16) Methylene chloride	2.442	84	393516	93.478	ug/L	99
17) trans-1,2-Dichloroethene	2.690	96	348144	97.289	ug/L	99
18) Methyl tert-butyl Ether	2.703	73	1245001	103.297	ug/L	100
19) 1,1-Dichloroethane	3.108	63	715546	96.597	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	416755	103.522	ug/L	100
22) 2-Butanone	3.867	43	612246	200.231	ug/L	100
23) Bromochloromethane	4.140	128	218410	97.494	ug/L	97
25) Chloroform	4.269	83	734952	95.986	ug/L	100
27) 1,2-Dichloroethane	5.034	62	548220	97.498	ug/L	100
29) Cyclohexane	4.577	56	558470	108.334	ug/L	99
30) 1,1,1-Trichloroethane	4.507	97	622184	97.565	ug/L	99
31) Carbon tetrachloride	4.732	117	542109	97.300	ug/L	100
33) Benzene	5.005	78	1517870	101.194	ug/L	100
34) Trichloroethene	5.828	95	401594	98.718	ug/L	98
35) Methylcyclohexane	6.047	83	627094	106.540	ug/L	98
37) 1,2-Dichloropropane	6.088	63	428845	102.409	ug/L	100
38) Bromodichloromethane	6.429	83	562335	99.448	ug/L	98
39) cis-1,3-Dichloropropene	6.947	75	690367	111.387	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	1102691	220.506	ug/L	99
42) Toluene	7.310	91	1635014	104.021	ug/L	99
44) trans-1,3-Dichloropropene	7.574	75	648007	108.915	ug/L	100

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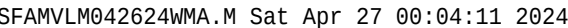
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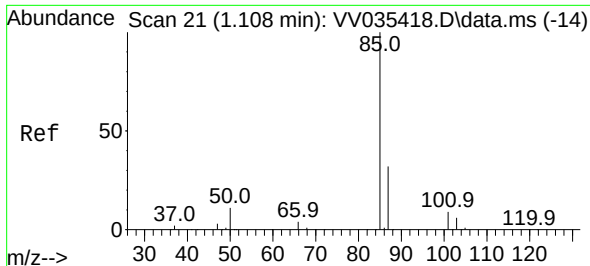
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 Quant Title : VOC Analysis
 QLast Update : Sat Apr 27 00:01:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.764	97	433857	99.214	ug/L	99
46) Tetrachloroethene	7.902	164	317878	99.606	ug/L	99
48) 2-Hexanone	8.076	43	902738	214.170	ug/L	97
49) Dibromochloromethane	8.172	129	449982	100.659	ug/L	98
50) 1,2-Dibromoethane	8.278	107	450674	101.302	ug/L	100
51) Chlorobenzene	8.809	112	1093580	98.666	ug/L	99
52) Ethylbenzene	8.940	91	1839593	107.106	ug/L	99
53) m,p-Xylene	9.069	106	704636	108.403	ug/L	99
54) o-Xylene	9.474	106	699114	109.992	ug/L	98
55) Styrene	9.490	104	1235982	112.757	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.175	83	709877	99.864	ug/L	100
59) Bromoform	9.661	173	369094	99.405	ug/L	100
60) Isopropylbenzene	9.863	105	1889433	105.303	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	554323	94.691	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	1587550	109.828	ug/L	100
63) 1,2,4-Trimethylbenzene	10.847	105	1601262	113.146	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	920005	98.979	ug/L	98
65) 1,4-Dichlorobenzene	11.204	146	933573	95.756	ug/L	100
67) 1,2-Dichlorobenzene	11.577	146	925195	98.242	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.362	75	141015	106.474	ug/L	99
69) 1,3,5-Trichlorobenzene	12.577	180	678053	102.957	ug/L	100
70) 1,2,4-trichlorobenzene	13.194	180	569836	108.995	ug/L	99
71) Naphthalene	13.435	128	1421332	125.528	ug/L	99
72) 1,2,3-Trichlorobenzene	13.677	180	572666	112.414	ug/L	100

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

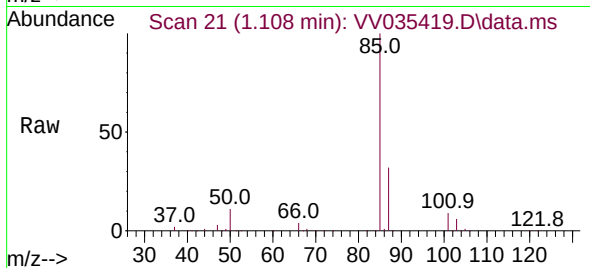
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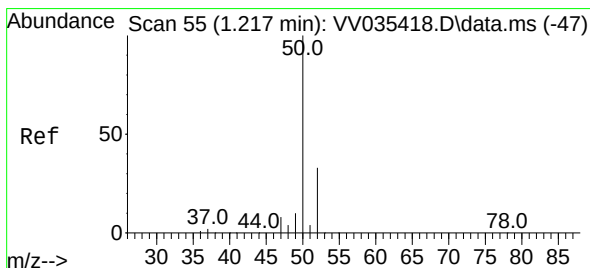
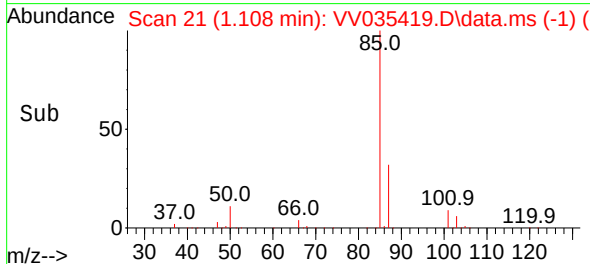
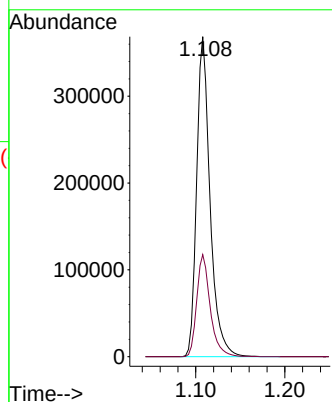


#2
 Dichlorodifluoromethane
 Concen: 93.304 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV035419.D
 Acq: 26 Apr 2024 10:47

Instrument :
 MSVOA_V
 ClientSampleId :

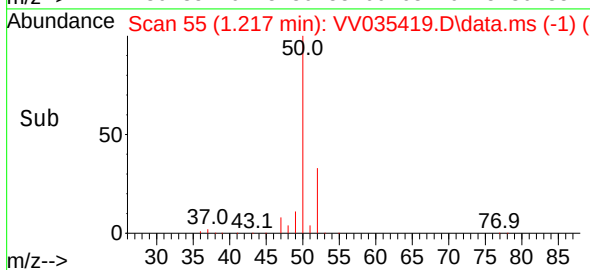
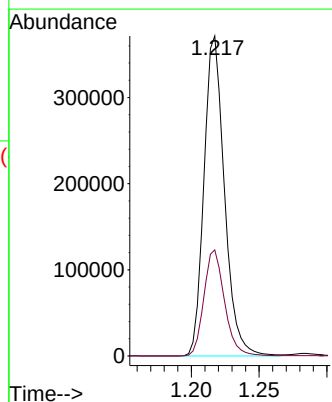
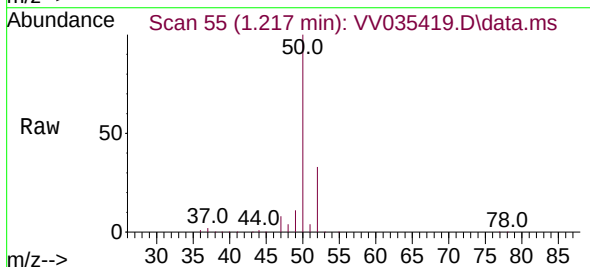


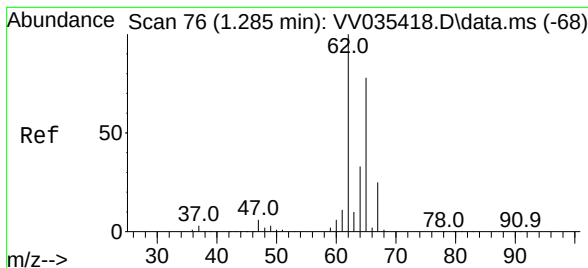
Tgt Ion: 85 Resp: 386449
 Ion Ratio Lower Upper
 85 100
 87 32.1 25.4 38.2



#3
 Chloromethane
 Concen: 92.897 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV035419.D
 Acq: 26 Apr 2024 10:47

Tgt Ion: 50 Resp: 390437
 Ion Ratio Lower Upper
 50 100
 52 33.2 23.0 42.8





#5

Vinyl chloride

Concen: 95.809 ug/L

RT: 1.285 min Scan# 70

Delta R.T. 0.000 min

Lab File: VV035419.D

Acq: 26 Apr 2024 10:47

Instrument :

MSVOA_V

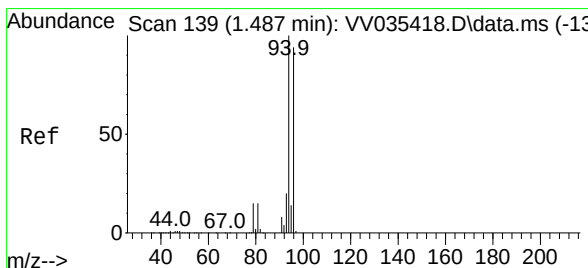
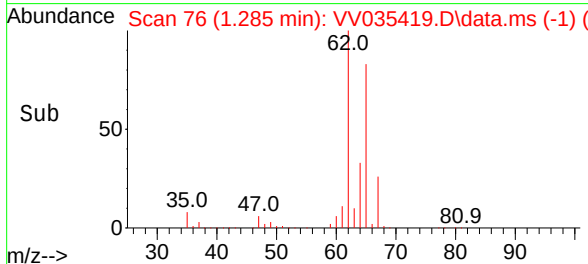
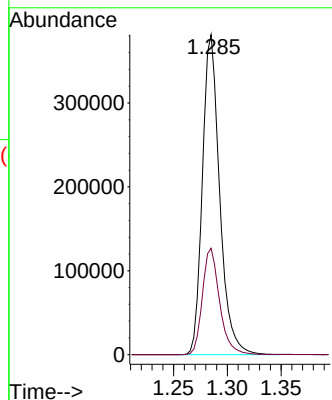
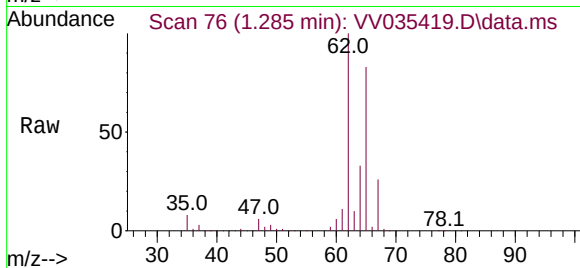
ClientSampleId :

Tgt Ion: 62 Resp: 424792

Ion Ratio Lower Upper

62 100

64 33.3 23.2 43.2



#6

Bromomethane

Concen: 92.174 ug/L

RT: 1.484 min Scan# 138

Delta R.T. -0.003 min

Lab File: VV035419.D

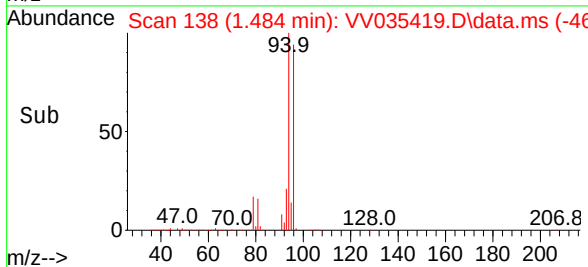
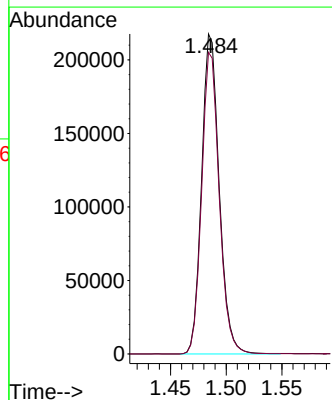
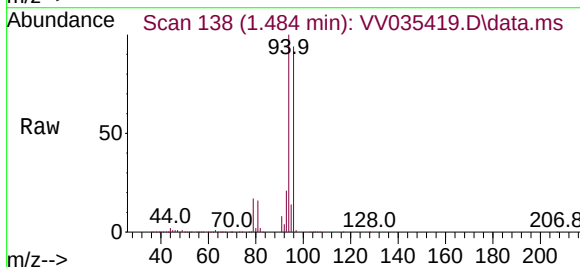
Acq: 26 Apr 2024 10:47

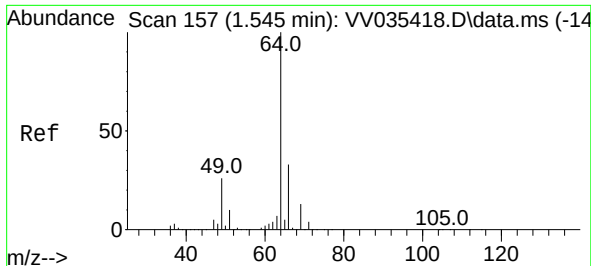
Tgt Ion: 94 Resp: 239348

Ion Ratio Lower Upper

94 100

96 94.3 66.1 122.7

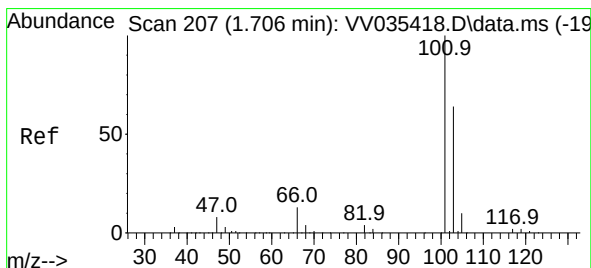
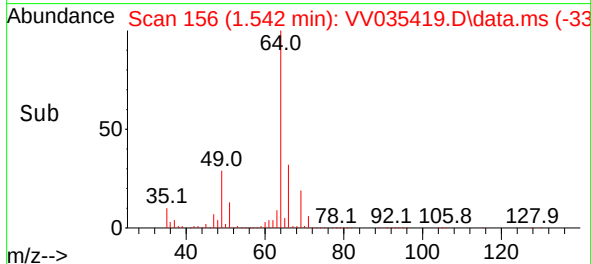
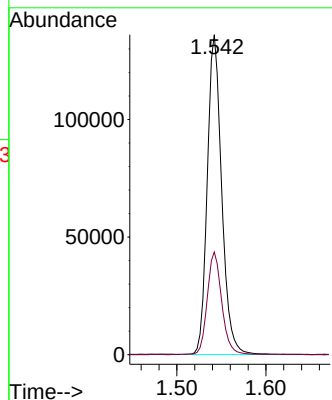
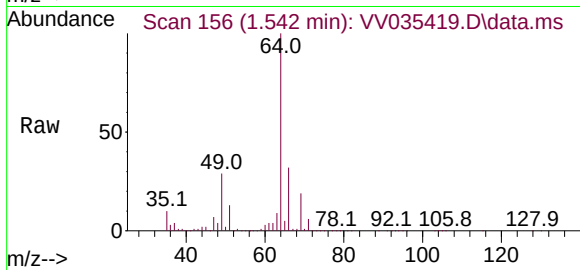




#8
Chloroethane
Concen: 77.604 ug/L
RT: 1.542 min Scan# 156
Delta R.T. -0.003 min
Lab File: VV035419.D
Acq: 26 Apr 2024 10:47

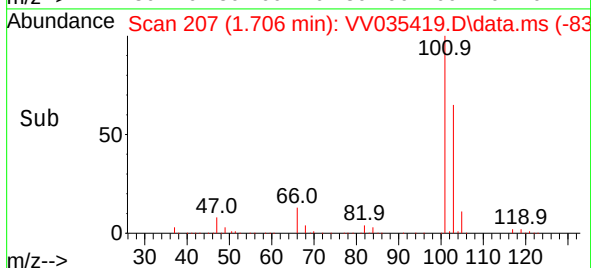
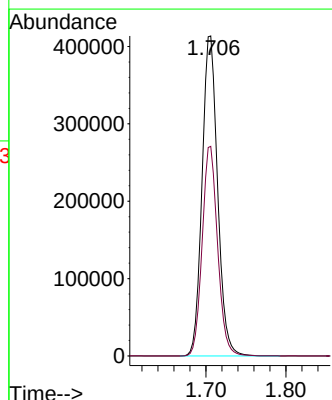
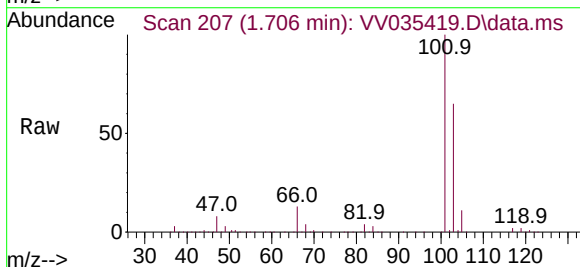
Instrument :
MSVOA_V
ClientSampleId :

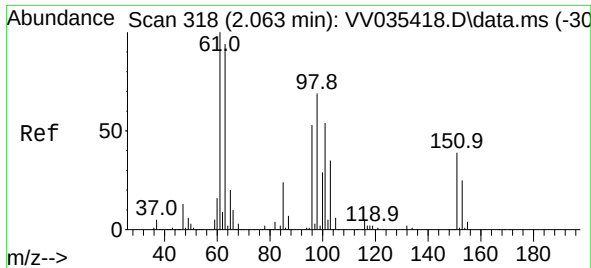
Tgt Ion: 64 Resp: 151892
Ion Ratio Lower Upper
64 100
66 32.1 22.9 42.5



#9
Trichlorofluoromethane
Concen: 93.531 ug/L
RT: 1.706 min Scan# 207
Delta R.T. 0.000 min
Lab File: VV035419.D
Acq: 26 Apr 2024 10:47

Tgt Ion:101 Resp: 560107
Ion Ratio Lower Upper
101 100
103 64.9 51.2 76.8

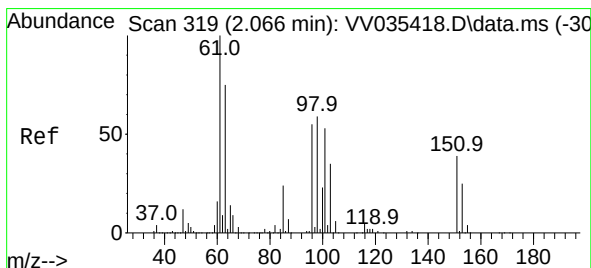
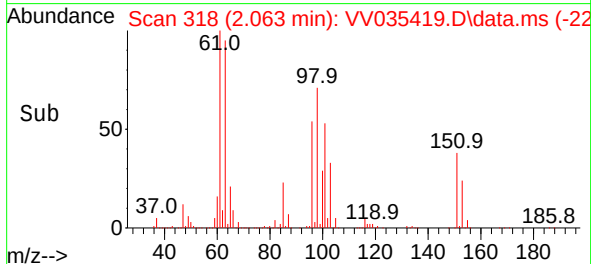
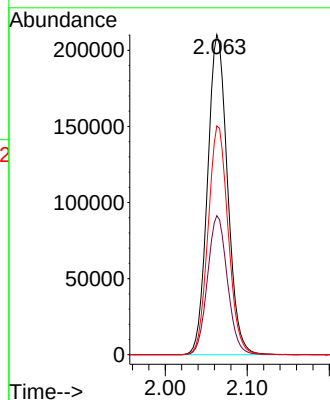
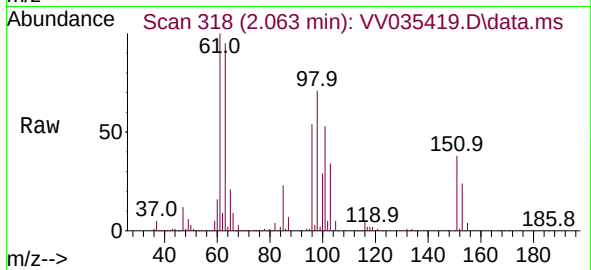




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 94.769 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. 0.000 min
 Lab File: VV035419.D
 Acq: 26 Apr 2024 10:47

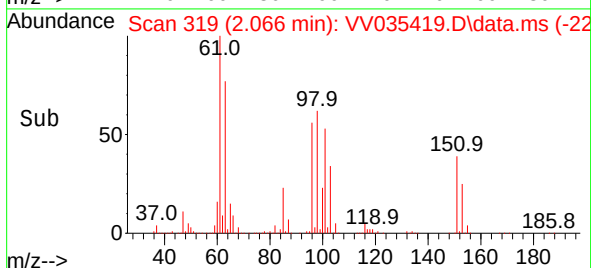
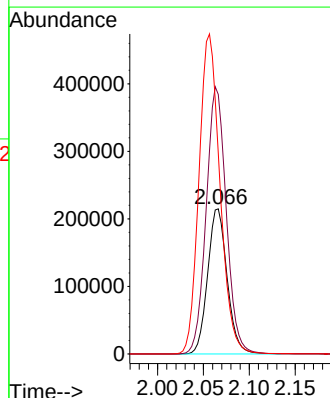
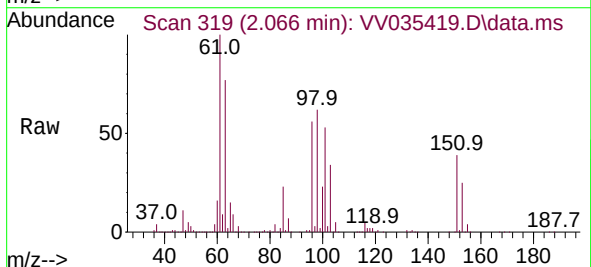
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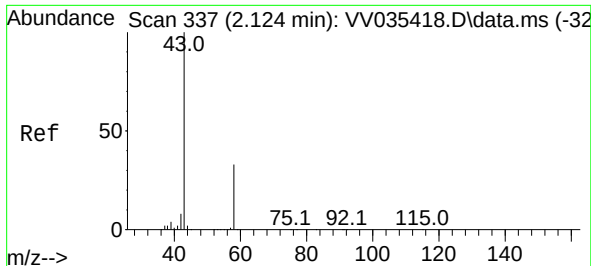
Tgt Ion:101 Resp: 355554
 Ion Ratio Lower Upper
 101 100
 85 43.4 35.0 52.6
 151 72.0 58.6 87.8



#12
 1,1-Dichloroethene
 Concen: 95.259 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. 0.000 min
 Lab File: VV035419.D
 Acq: 26 Apr 2024 10:47

Tgt Ion: 96 Resp: 317072
 Ion Ratio Lower Upper
 96 100
 61 178.9 128.2 238.0
 63 138.4 96.9 179.9





#13

Acetone

Concen: 186.114 ug/L

RT: 2.121 min Scan# 337

Delta R.T. -0.003 min

Lab File: VV035419.D

Acq: 26 Apr 2024 10:47

Instrument :

MSVOA_V

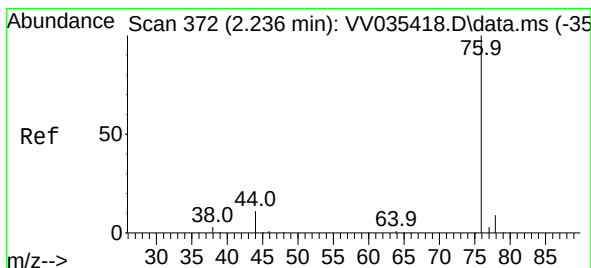
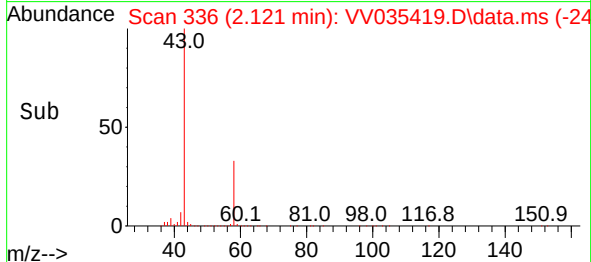
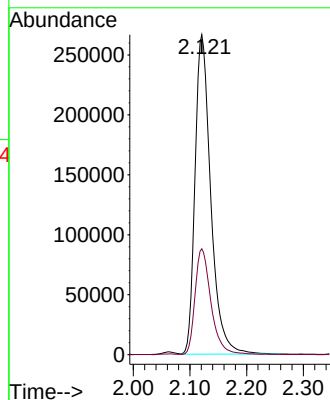
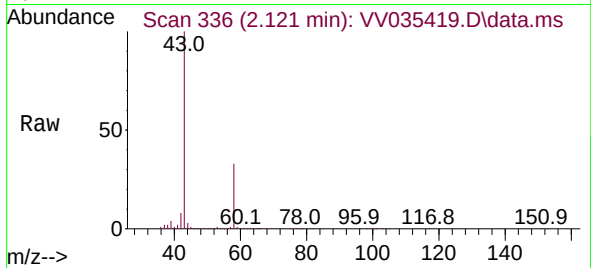
ClientSampleId :

Tgt Ion: 43 Resp: 513177

Ion Ratio Lower Upper

43 100

58 33.5 0.0 65.8



#14

Carbon disulfide

Concen: 95.695 ug/L

RT: 2.237 min Scan# 372

Delta R.T. 0.000 min

Lab File: VV035419.D

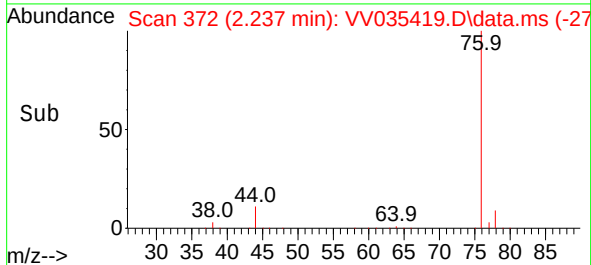
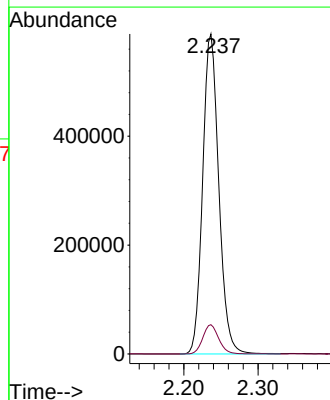
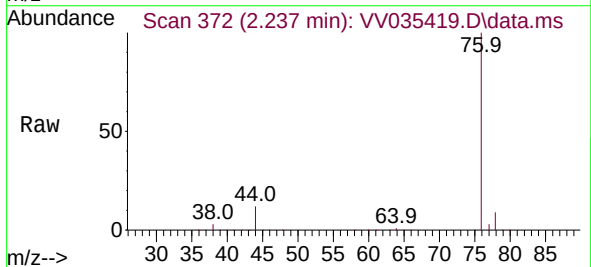
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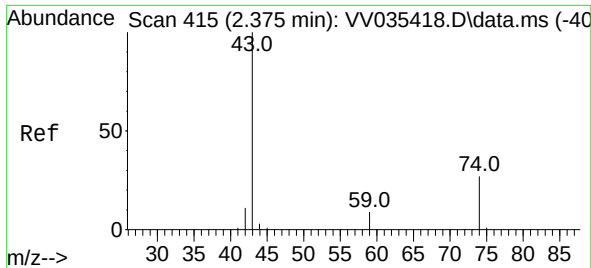
Tgt Ion: 76 Resp: 884767

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0





#15

Methyl Acetate

Concen: 97.331 ug/L

RT: 2.372 min Scan# 415

Delta R.T. -0.003 min

Lab File: VV035419.D

Acq: 26 Apr 2024 10:47

Instrument :

MSVOA_V

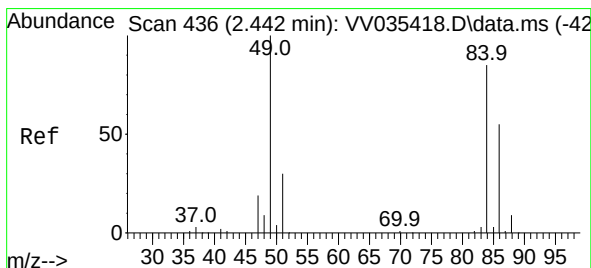
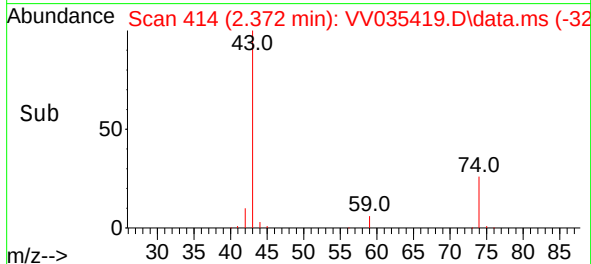
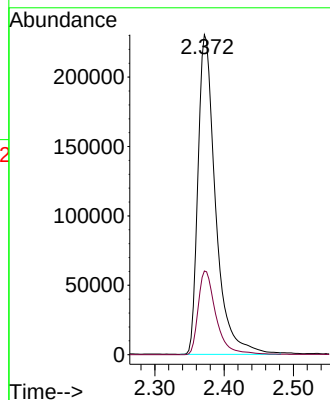
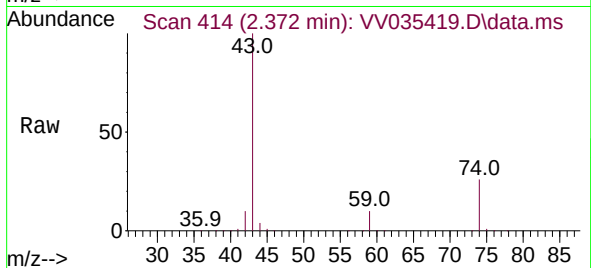
ClientSampleId :

Tgt Ion: 43 Resp: 407001

Ion Ratio Lower Upper

43 100

74 26.5 20.6 30.8



#16

Methylene chloride

Concen: 93.478 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.000 min

Lab File: VV035419.D

Acq: 26 Apr 2024 10:47

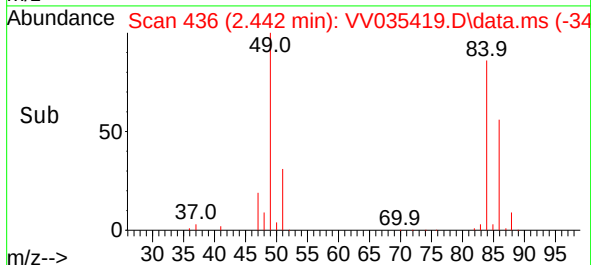
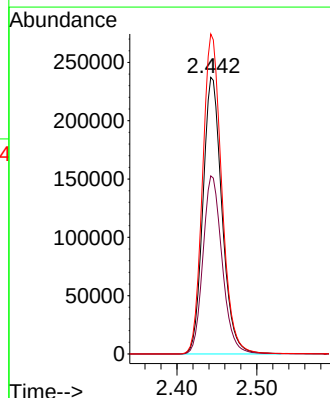
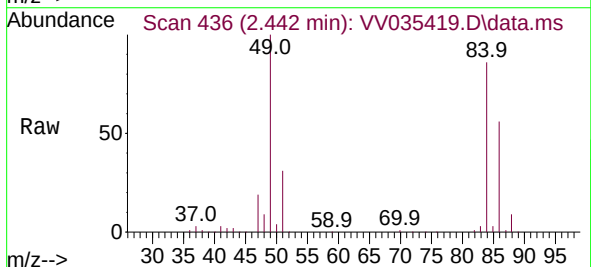
Tgt Ion: 84 Resp: 393516

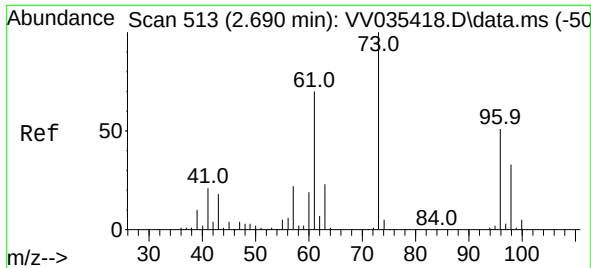
Ion Ratio Lower Upper

84 100

86 64.4 45.1 83.9

49 115.7 82.3 152.8





#17

trans-1,2-Dichloroethene

Concen: 97.289 ug/L

RT: 2.690 min Scan# 513

Delta R.T. 0.000 min

Lab File: VV035419.D

Acq: 26 Apr 2024 10:47

Instrument :

MSVOA_V

ClientSampleId :

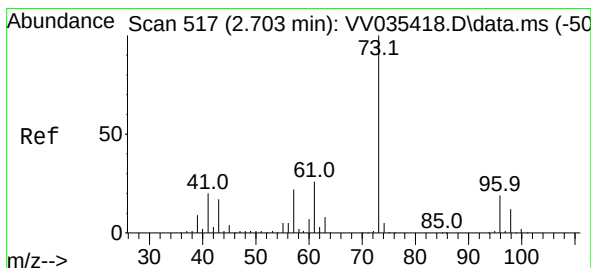
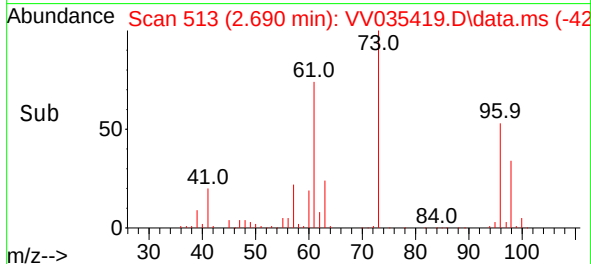
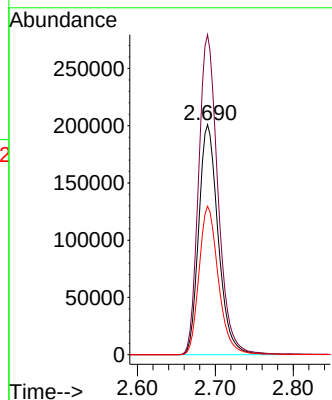
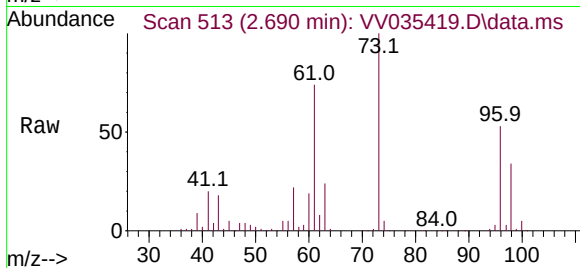
Tgt Ion: 96 Resp: 348144

Ion Ratio Lower Upper

96 100

61 139.1 96.4 179.0

98 64.6 45.2 84.0



#18

Methyl tert-butyl Ether

Concen: 103.297 ug/L

RT: 2.703 min Scan# 517

Delta R.T. 0.000 min

Lab File: VV035419.D

Acq: 26 Apr 2024 10:47

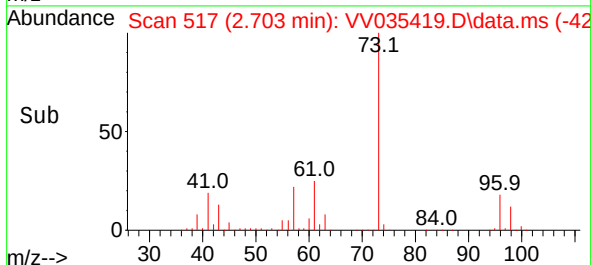
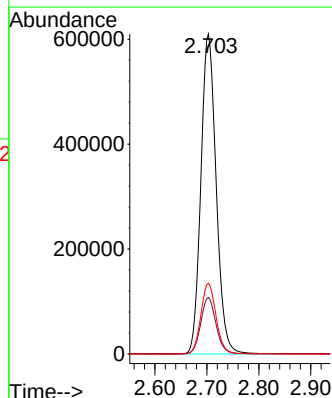
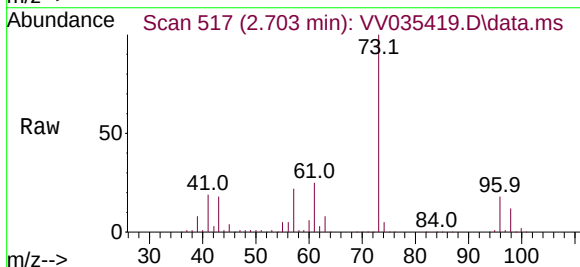
Tgt Ion: 73 Resp: 1245001

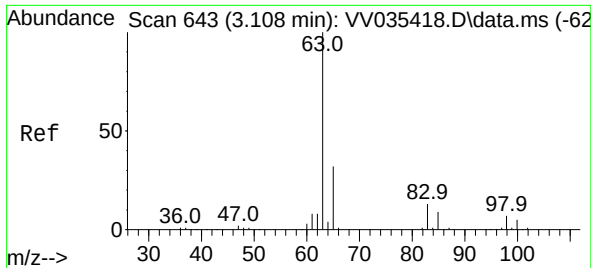
Ion Ratio Lower Upper

73 100

43 17.5 13.9 20.9

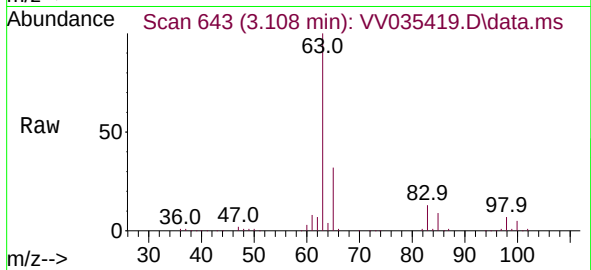
57 22.0 17.4 26.0



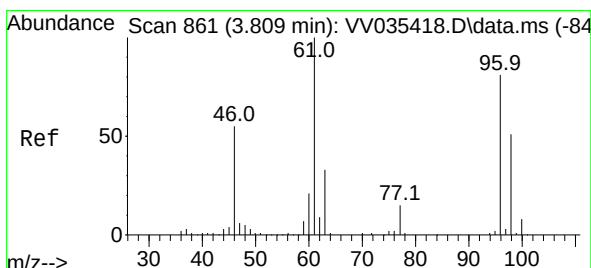
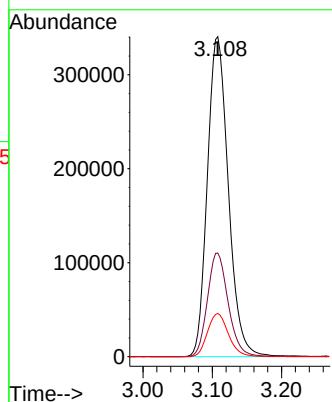
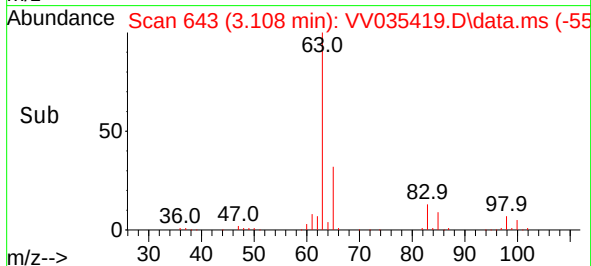


#19
1,1-Dichloroethane
Concen: 96.597 ug/L
RT: 3.108 min Scan# 643
Delta R.T. 0.000 min
Lab File: VV035419.D
Acq: 26 Apr 2024 10:47

Instrument :
MSVOA_V
ClientSampleId :

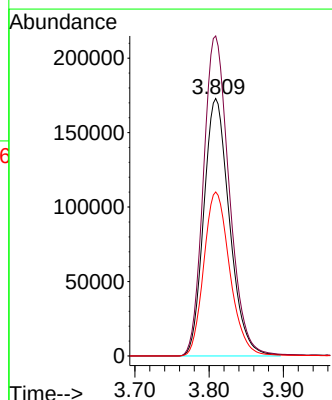
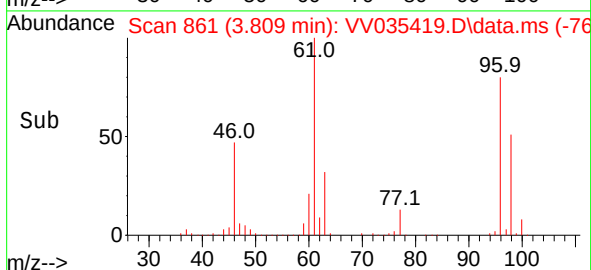
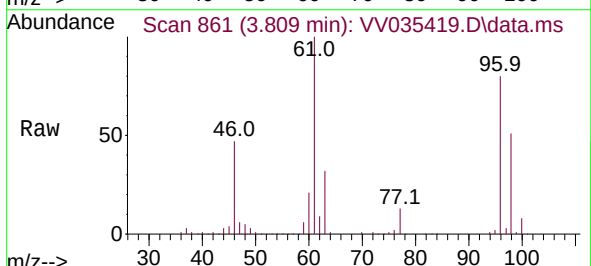


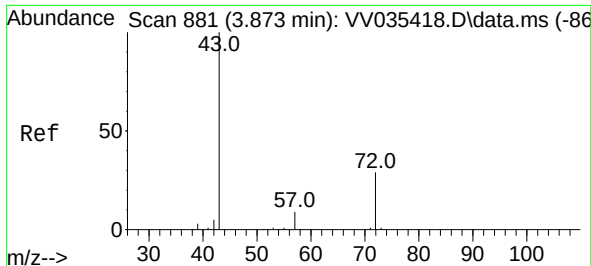
Tgt Ion: 63 Resp: 715546
Ion Ratio Lower Upper
63 100
65 32.4 22.1 41.1
83 13.5 9.3 17.3



#20
cis-1,2-Dichloroethene
Concen: 103.522 ug/L
RT: 3.809 min Scan# 861
Delta R.T. 0.000 min
Lab File: VV035419.D
Acq: 26 Apr 2024 10:47

Tgt Ion: 96 Resp: 416755
Ion Ratio Lower Upper
96 100
61 124.3 86.9 161.5
98 63.7 44.6 82.8

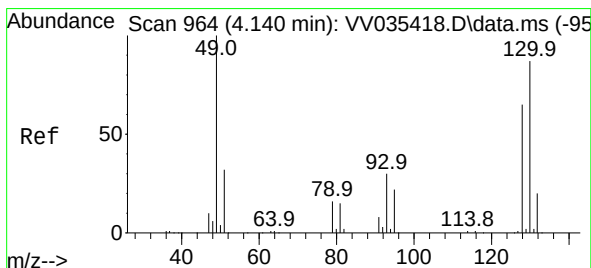
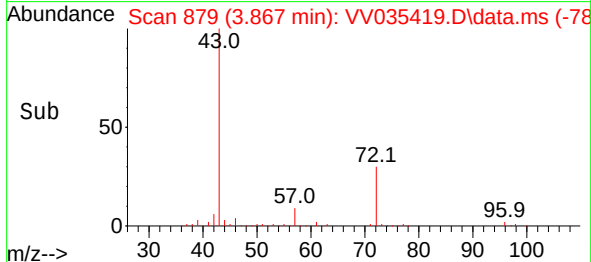
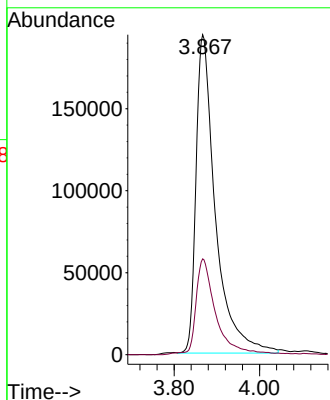
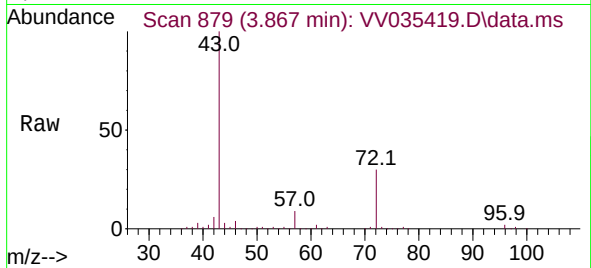




#22
2-Butanone
Concen: 200.231 ug/L
RT: 3.867 min Scan# 81
Delta R.T. -0.006 min
Lab File: VV035419.D
Acq: 26 Apr 2024 10:47

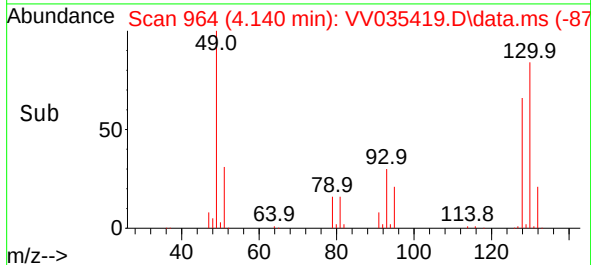
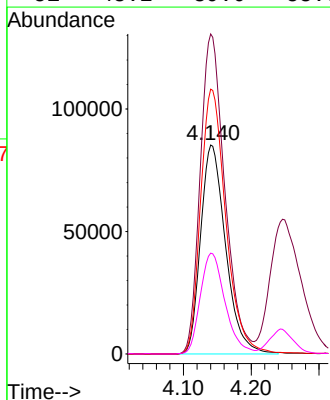
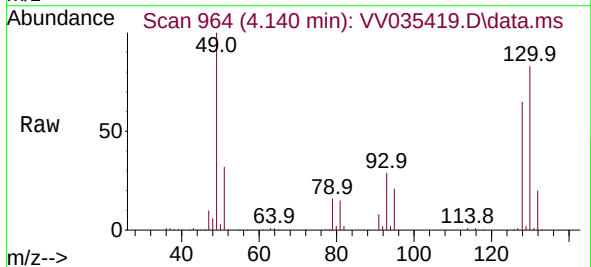
Instrument :
MSVOA_V
ClientSampleId :

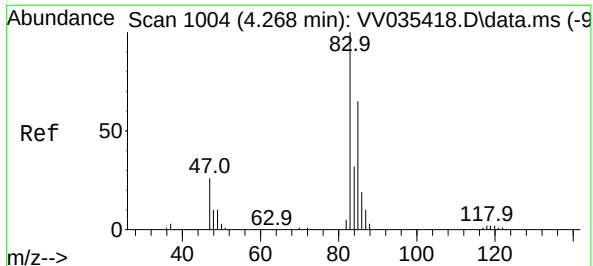
Tgt Ion: 43 Resp: 612246
Ion Ratio Lower Upper
43 100
72 27.8 13.8 41.4



#23
Bromochloromethane
Concen: 97.494 ug/L
RT: 4.140 min Scan# 964
Delta R.T. 0.000 min
Lab File: VV035419.D
Acq: 26 Apr 2024 10:47

Tgt Ion:128 Resp: 218410
Ion Ratio Lower Upper
128 100
49 153.1 107.7 200.1
130 126.7 93.4 173.4
51 48.2 39.0 58.6





#25

Chloroform

Concen: 95.986 ug/L

RT: 4.269 min Scan# 1004

Delta R.T. 0.000 min

Lab File: VV035419.D

Acq: 26 Apr 2024 10:47

Instrument :

MSVOA_V

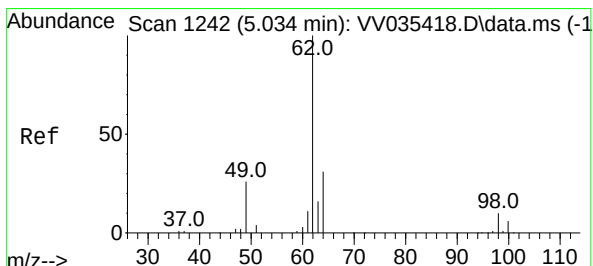
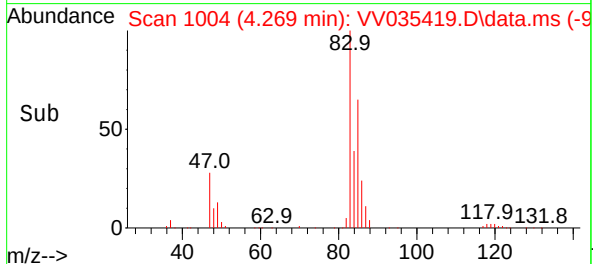
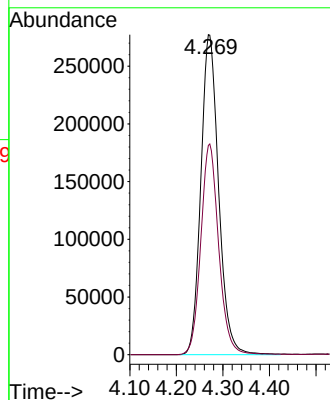
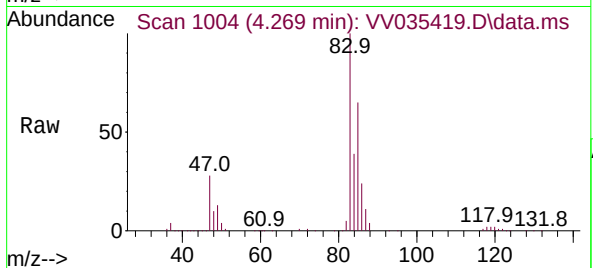
ClientSampleId :

Tgt Ion: 83 Resp: 734952

Ion Ratio Lower Upper

83 100

85 65.4 45.6 84.6



#27

1,2-Dichloroethane

Concen: 97.498 ug/L

RT: 5.034 min Scan# 1242

Delta R.T. 0.000 min

Lab File: VV035419.D

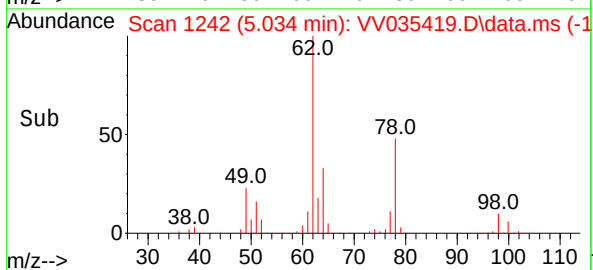
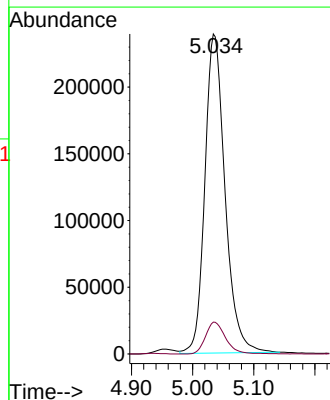
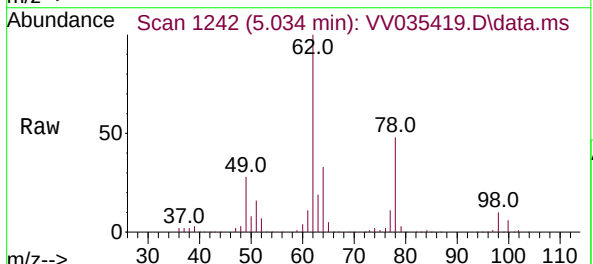
Acq: 26 Apr 2024 10:47

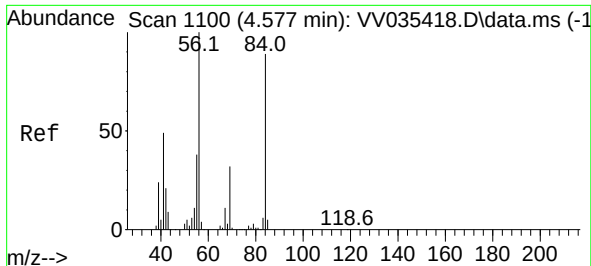
Tgt Ion: 62 Resp: 548220

Ion Ratio Lower Upper

62 100

98 9.9 8.0 12.0





#29

Cyclohexane

Concen: 108.334 ug/L

RT: 4.577 min Scan# 1100

Delta R.T. 0.000 min

Lab File: VV035419.D

Acq: 26 Apr 2024 10:47

Instrument :

MSVOA_V

ClientSampleId :

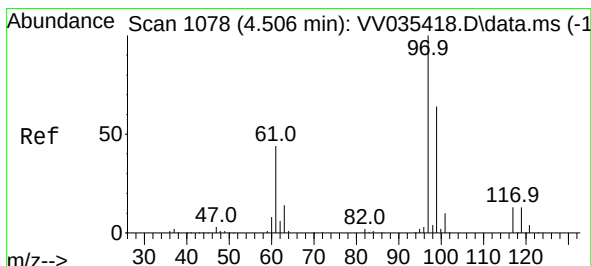
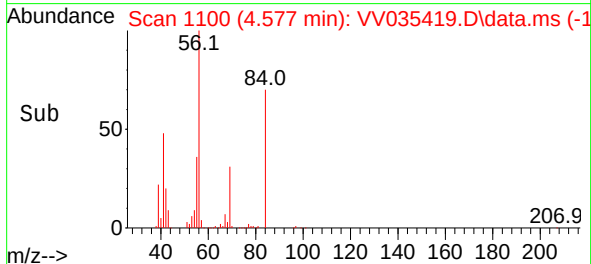
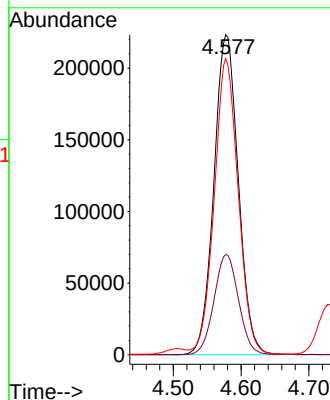
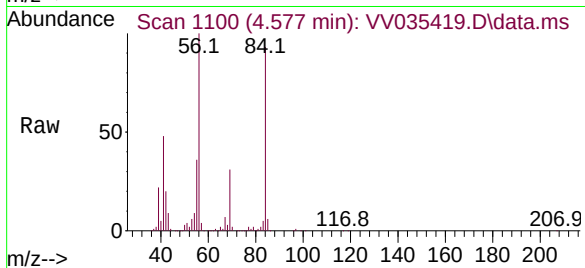
Tgt Ion: 56 Resp: 558470

Ion Ratio Lower Upper

56 100

69 31.5 25.4 38.2

84 90.7 73.5 110.3



#30

1,1,1-Trichloroethane

Concen: 97.565 ug/L

RT: 4.507 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VV035419.D

Acq: 26 Apr 2024 10:47

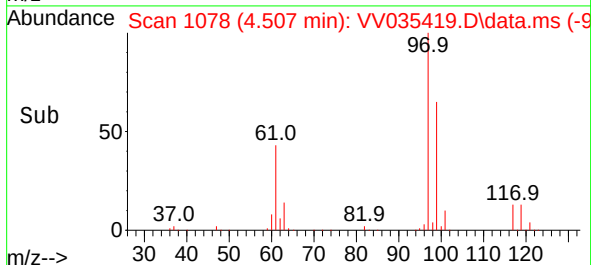
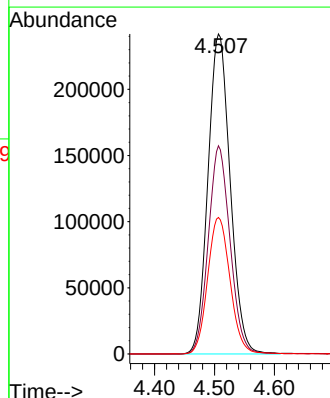
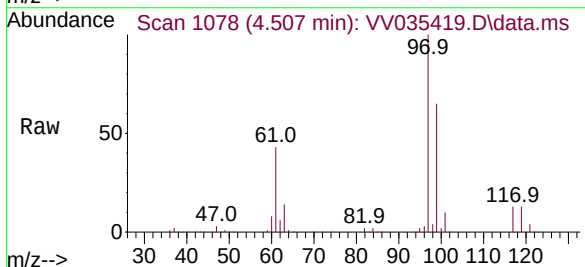
Tgt Ion: 97 Resp: 622184

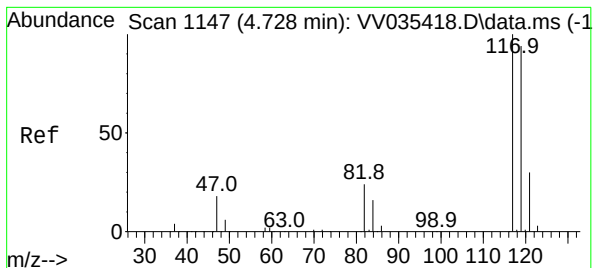
Ion Ratio Lower Upper

97 100

99 63.8 51.3 76.9

61 43.2 35.4 53.2





#31

Carbon tetrachloride

Concen: 97.300 ug/L

RT: 4.732 min Scan# 1147

Delta R.T. 0.003 min

Lab File: VV035419.D

Acq: 26 Apr 2024 10:47

Instrument :

MSVOA_V

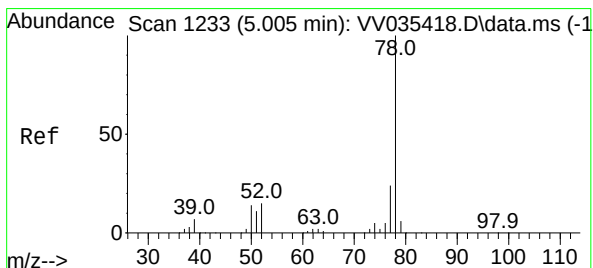
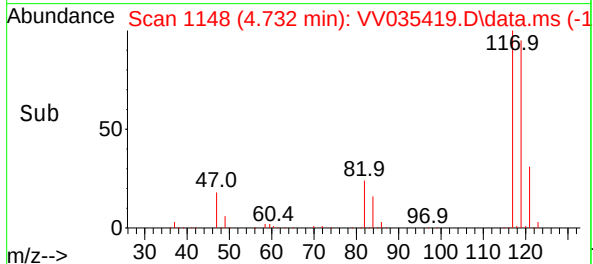
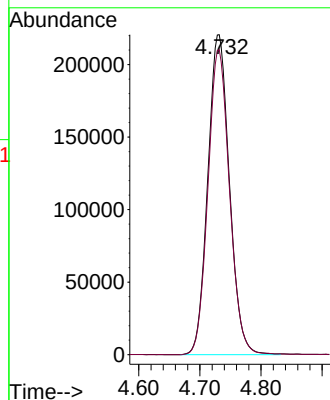
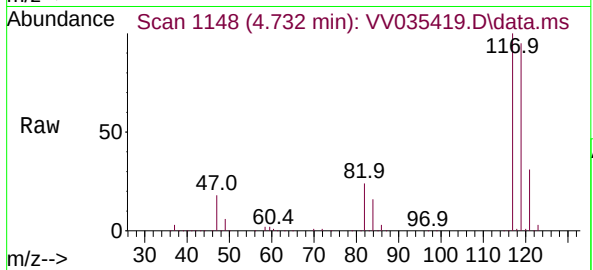
ClientSampleId :

Tgt Ion:117 Resp: 542109

Ion Ratio Lower Upper

117 100

119 95.1 76.4 114.6



#33

Benzene

Concen: 101.194 ug/L

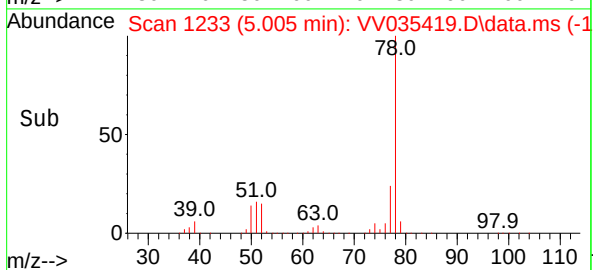
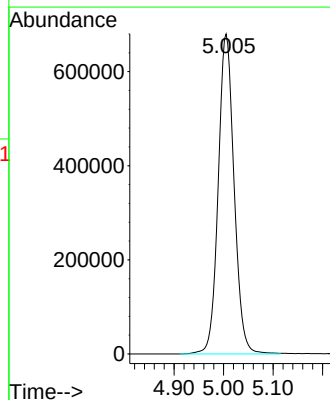
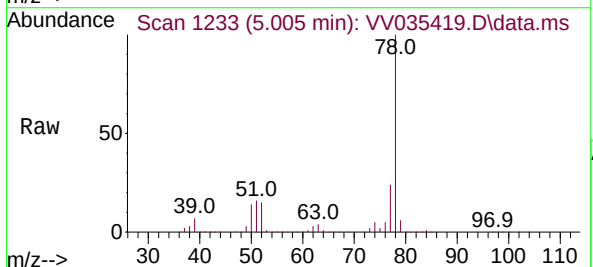
RT: 5.005 min Scan# 1233

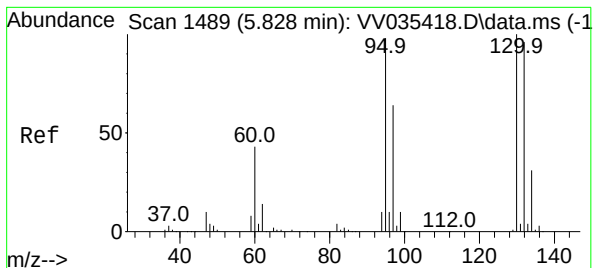
Delta R.T. 0.000 min

Lab File: VV035419.D

Acq: 26 Apr 2024 10:47

Tgt Ion: 78 Resp: 1517870





#34

Trichloroethene

Concen: 98.718 ug/L

RT: 5.828 min Scan# 1489

Delta R.T. 0.000 min

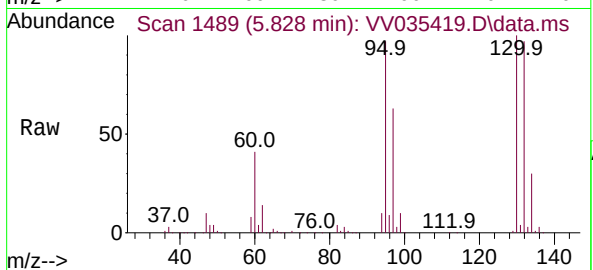
Lab File: VV035419.D

Acq: 26 Apr 2024 10:47

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 401594

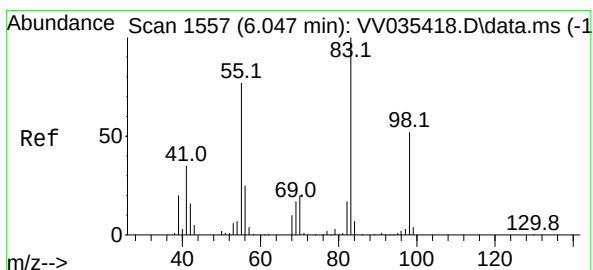
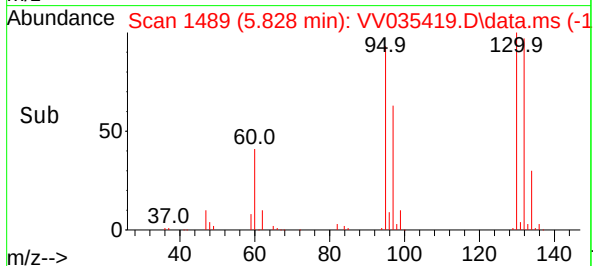
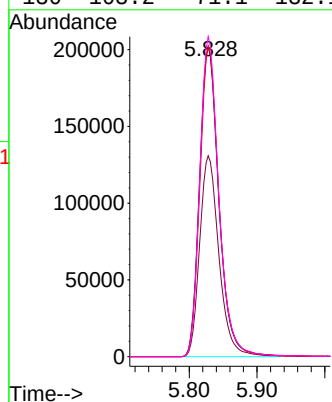
Ion Ratio Lower Upper

95 100

97 64.8 45.8 85.0

132 100.2 68.0 126.2

130 103.2 71.1 132.1



#35

Methylcyclohexane

Concen: 106.540 ug/L

RT: 6.047 min Scan# 1557

Delta R.T. 0.000 min

Lab File: VV035419.D

Acq: 26 Apr 2024 10:47

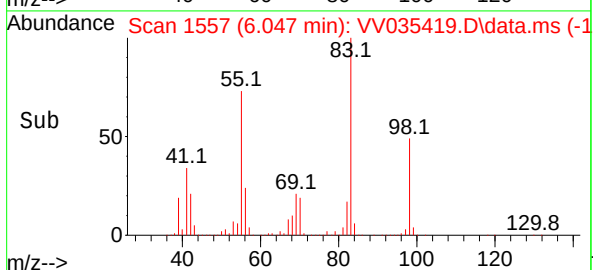
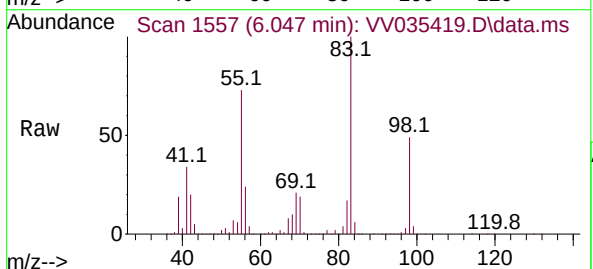
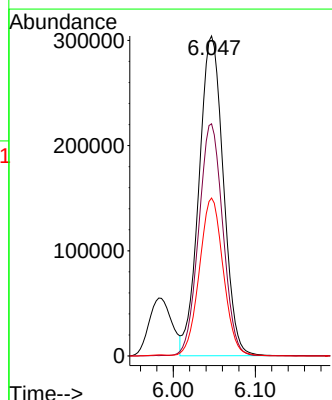
Tgt Ion: 83 Resp: 627094

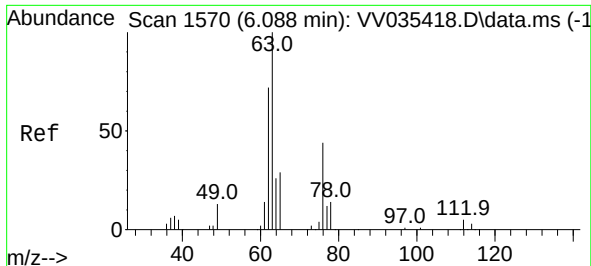
Ion Ratio Lower Upper

83 100

55 72.1 59.7 89.5

98 48.7 39.0 58.6

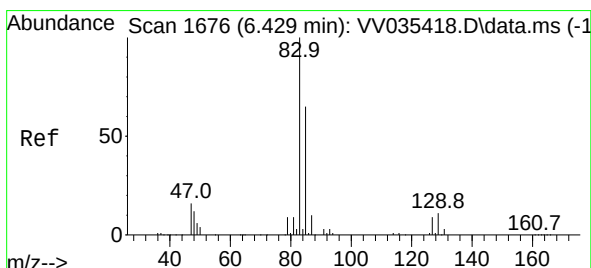
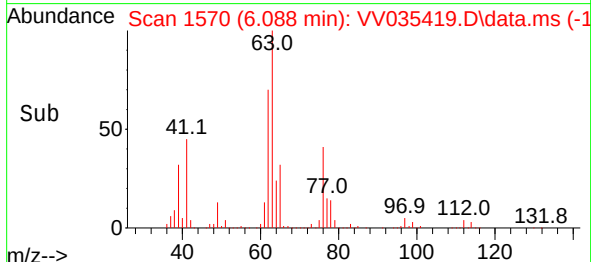
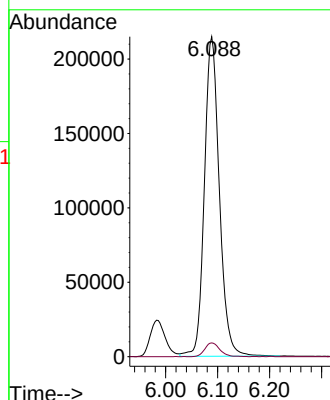
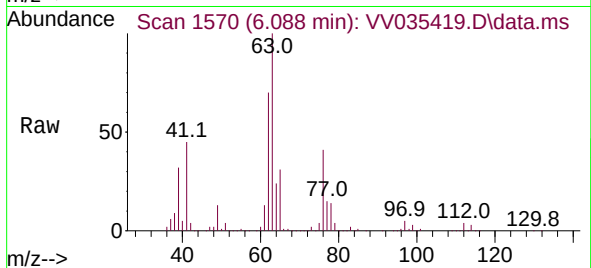




#37
1,2-Dichloropropane
Concen: 102.409 ug/L
RT: 6.088 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VV035419.D
Acq: 26 Apr 2024 10:47

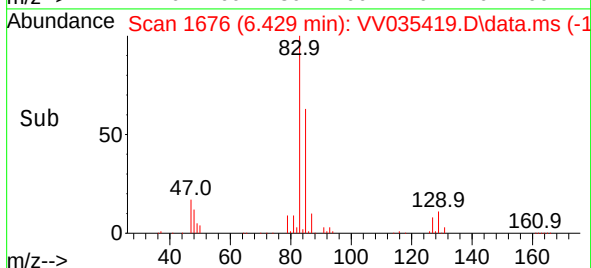
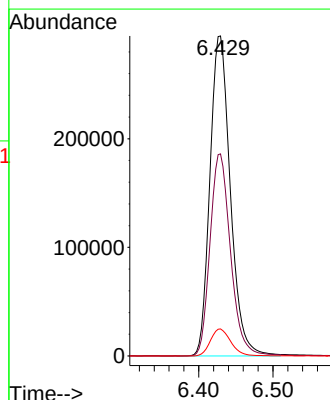
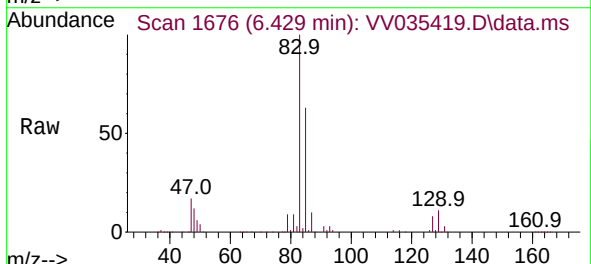
Instrument :
MSVOA_V
ClientSampleId :

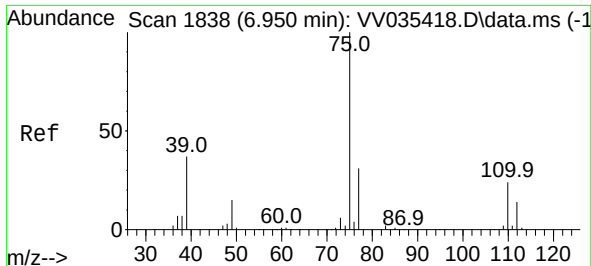
Tgt Ion: 63 Resp: 428845
Ion Ratio Lower Upper
63 100
112 4.3 3.5 5.3



#38
Bromodichloromethane
Concen: 99.448 ug/L
RT: 6.429 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VV035419.D
Acq: 26 Apr 2024 10:47

Tgt Ion: 83 Resp: 562335
Ion Ratio Lower Upper
83 100
85 63.2 45.1 83.9
127 8.4 7.0 10.4

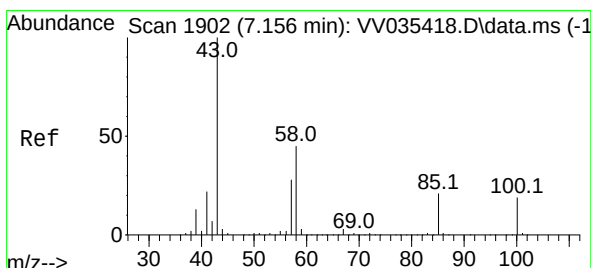
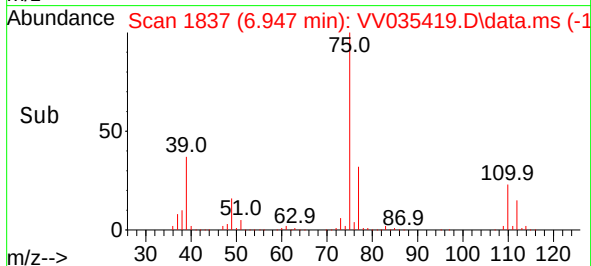
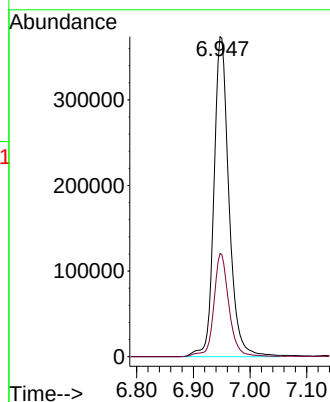
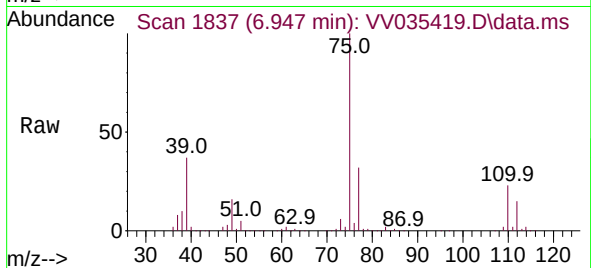




#39
 cis-1,3-Dichloropropene
 Concen: 111.387 ug/L
 RT: 6.947 min Scan# 11
 Delta R.T. -0.003 min
 Lab File: VV035419.D
 Acq: 26 Apr 2024 10:47

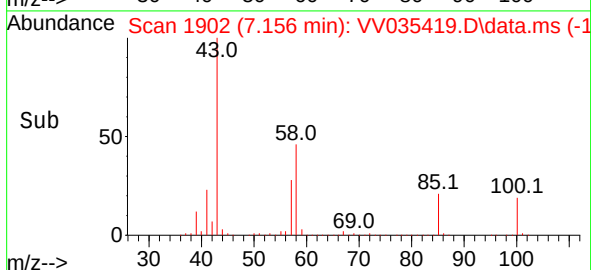
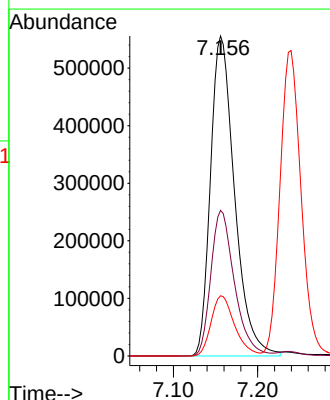
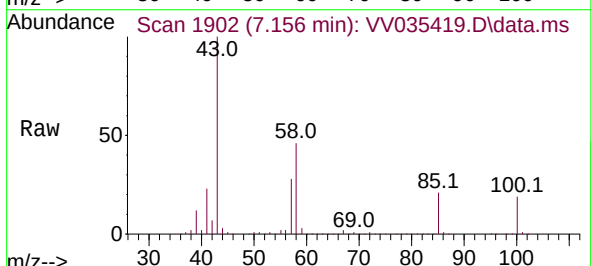
Instrument :
 MSVOA_V
 ClientSampleId :

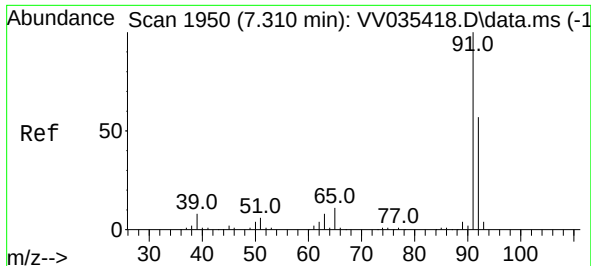
Tgt Ion: 75 Resp: 690367
 Ion Ratio Lower Upper
 75 100
 77 32.2 22.3 41.3



#40
 4-Methyl-2-pentanone
 Concen: 220.506 ug/L
 RT: 7.156 min Scan# 1902
 Delta R.T. 0.000 min
 Lab File: VV035419.D
 Acq: 26 Apr 2024 10:47

Tgt Ion: 43 Resp: 1102691
 Ion Ratio Lower Upper
 43 100
 58 44.6 35.0 52.4
 100 18.4 14.3 21.5





#42

Toluene

Concen: 104.021 ug/L

RT: 7.310 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VV035419.D

Acq: 26 Apr 2024 10:47

Instrument :

MSVOA_V

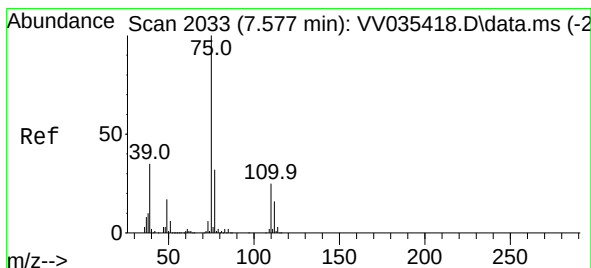
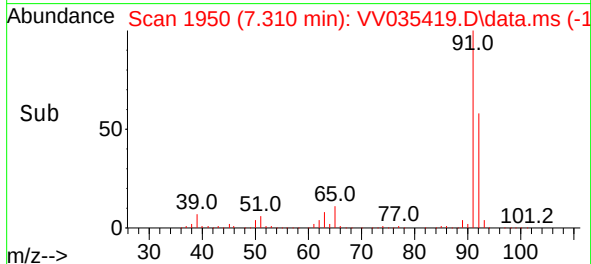
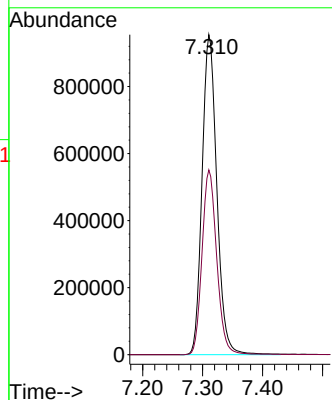
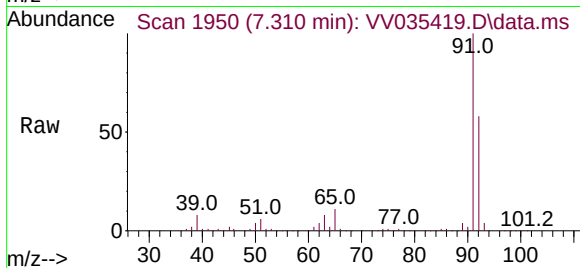
ClientSampleId :

Tgt Ion: 91 Resp: 1635014

Ion Ratio Lower Upper

91 100

92 57.8 40.0 74.4



#44

trans-1,3-Dichloropropene

Concen: 108.915 ug/L

RT: 7.574 min Scan# 2032

Delta R.T. -0.003 min

Lab File: VV035419.D

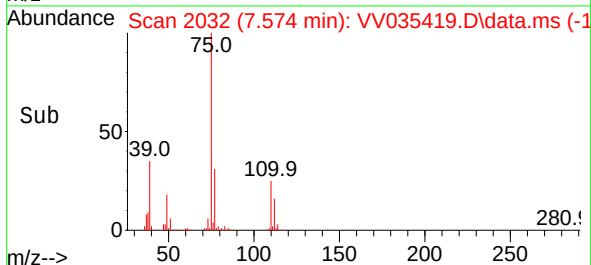
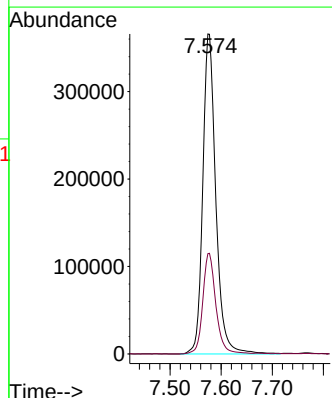
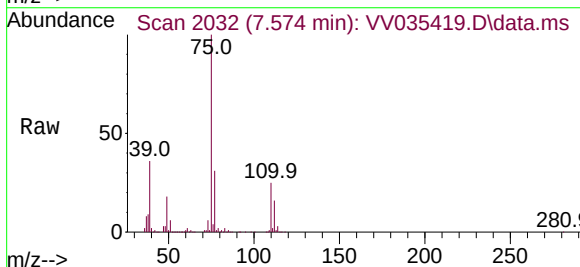
Acq: 26 Apr 2024 10:47

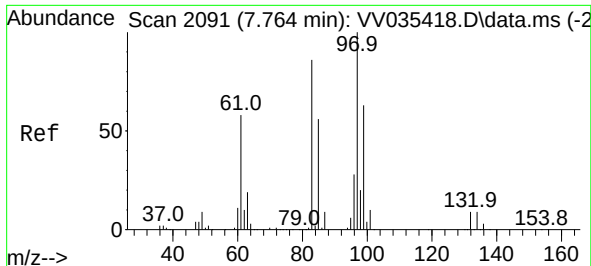
Tgt Ion: 75 Resp: 648007

Ion Ratio Lower Upper

75 100

77 31.4 22.1 41.1





#45

1,1,2-Trichloroethane

Concen: 99.214 ug/L

RT: 7.764 min Scan# 2091

Delta R.T. 0.000 min

Lab File: VV035419.D

Acq: 26 Apr 2024 10:47

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 433857

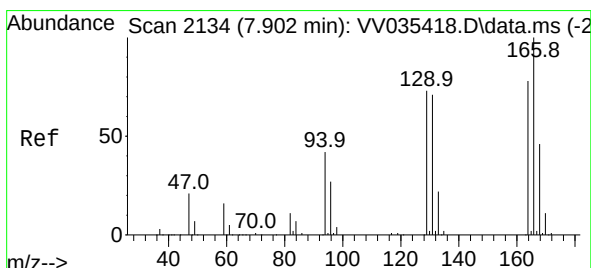
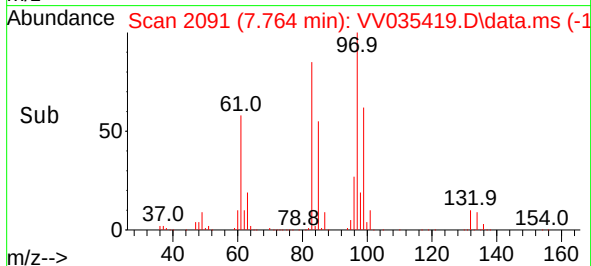
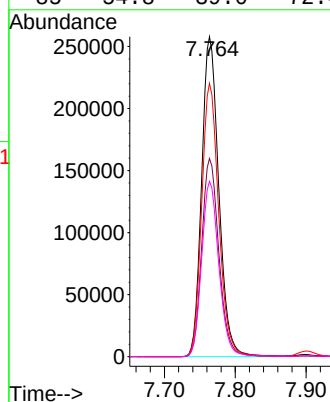
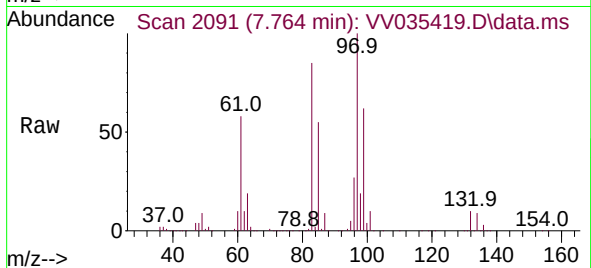
Ion Ratio Lower Upper

97 100

99 62.0 44.3 82.3

83 85.4 60.5 112.3

85 54.8 39.0 72.4



#46

Tetrachloroethene

Concen: 99.606 ug/L

RT: 7.902 min Scan# 2134

Delta R.T. 0.000 min

Lab File: VV035419.D

Acq: 26 Apr 2024 10:47

Tgt Ion:164 Resp: 317878

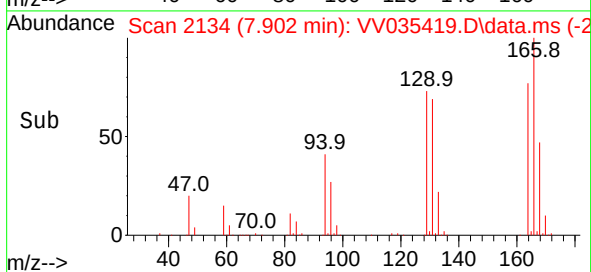
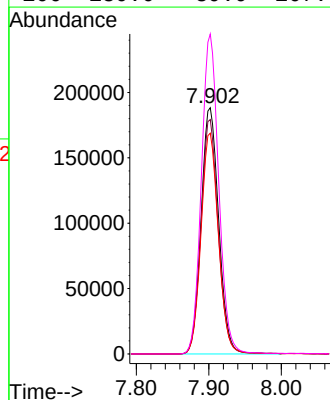
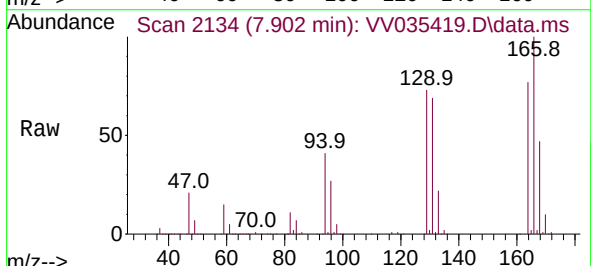
Ion Ratio Lower Upper

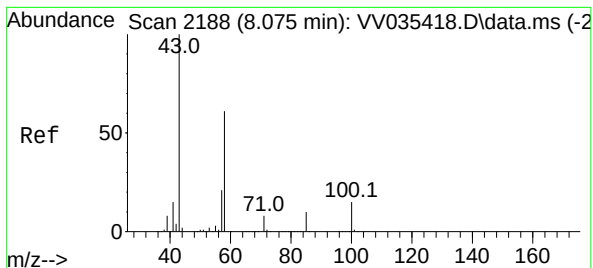
164 100

129 95.2 65.7 122.1

131 89.7 63.6 118.0

166 130.0 89.9 167.0





#48

2-Hexanone

Concen: 214.170 ug/L

RT: 8.076 min Scan# 2188

Delta R.T. 0.000 min

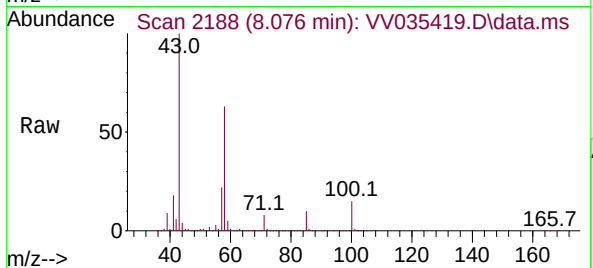
Lab File: VV035419.D

Acq: 26 Apr 2024 10:47

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 902738

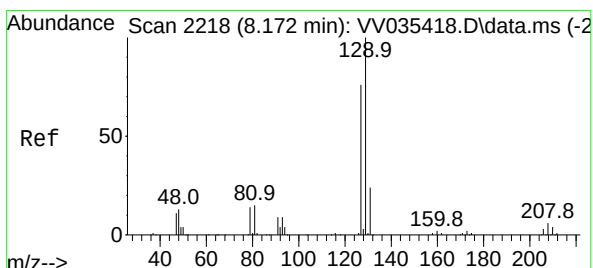
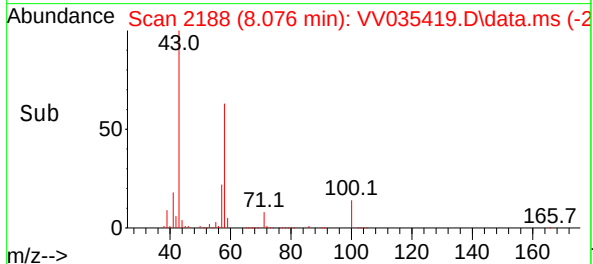
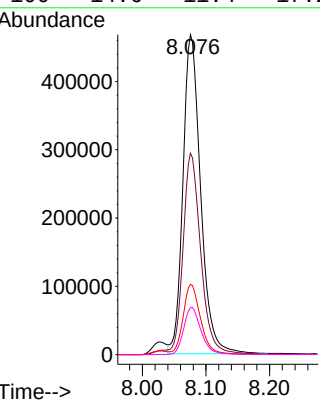
Ion Ratio Lower Upper

43 100

58 64.5 49.4 74.0

57 21.8 17.1 25.7

100 14.6 11.4 17.2



#49

Dibromochloromethane

Concen: 100.659 ug/L

RT: 8.172 min Scan# 2218

Delta R.T. 0.000 min

Lab File: VV035419.D

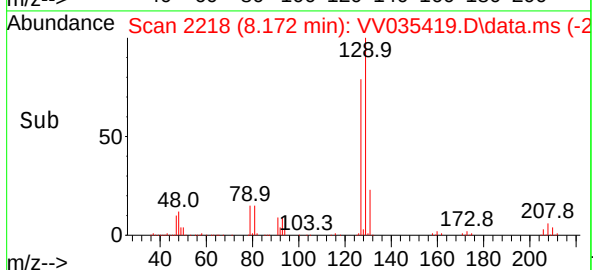
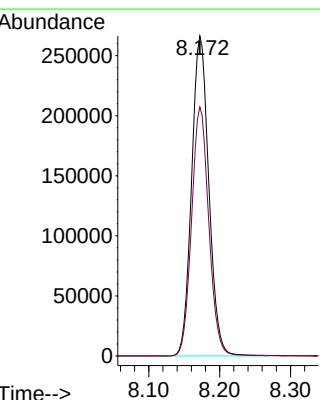
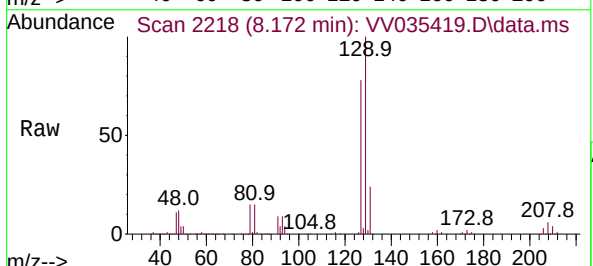
Acq: 26 Apr 2024 10:47

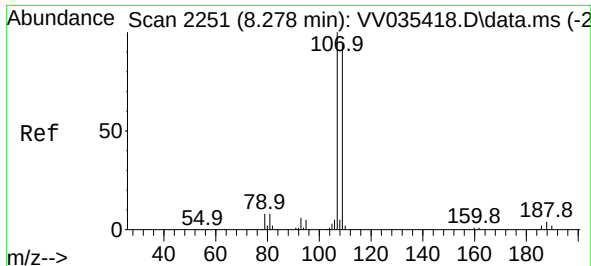
Tgt Ion:129 Resp: 449982

Ion Ratio Lower Upper

129 100

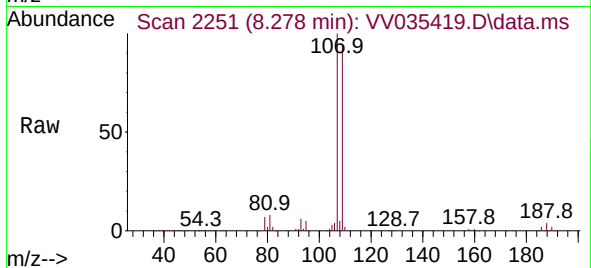
127 77.8 53.1 98.5



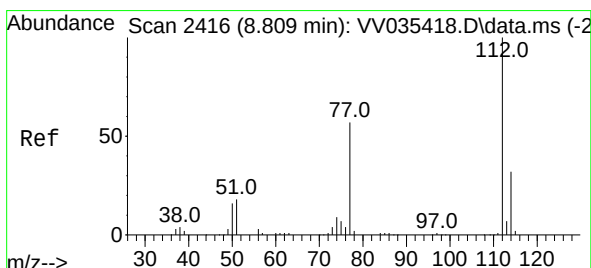
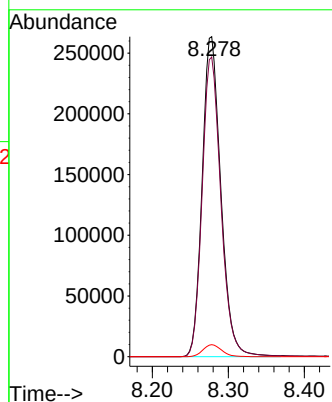
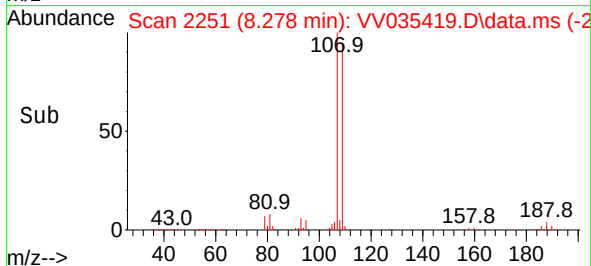


#50
1,2-Dibromoethane
Concen: 101.302 ug/L
RT: 8.278 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV035419.D
Acq: 26 Apr 2024 10:47

Instrument :
MSVOA_V
ClientSampleId :

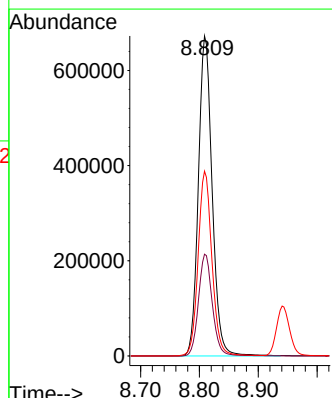
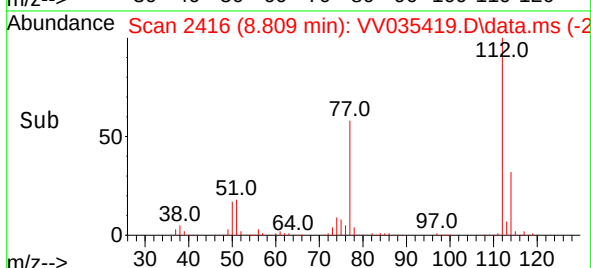
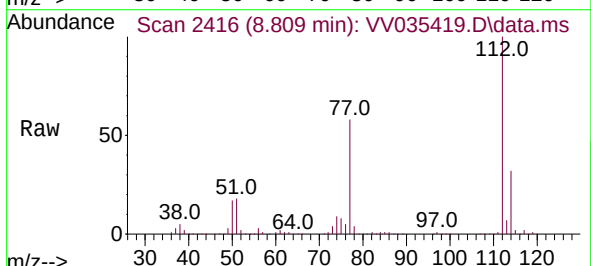


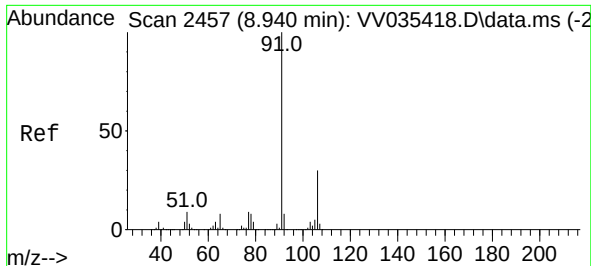
Tgt Ion:107 Resp: 450674
Ion Ratio Lower Upper
107 100
109 93.6 65.7 122.1
188 3.8 3.1 4.7



#51
Chlorobenzene
Concen: 98.666 ug/L
RT: 8.809 min Scan# 2416
Delta R.T. 0.000 min
Lab File: VV035419.D
Acq: 26 Apr 2024 10:47

Tgt Ion:112 Resp: 1093580
Ion Ratio Lower Upper
112 100
114 31.8 22.4 41.6
77 57.8 45.6 68.4





#52

Ethylbenzene

Concen: 107.106 ug/L

RT: 8.940 min Scan# 2457

Delta R.T. 0.000 min

Lab File: VV035419.D

Acq: 26 Apr 2024 10:47

Instrument :

MSVOA_V

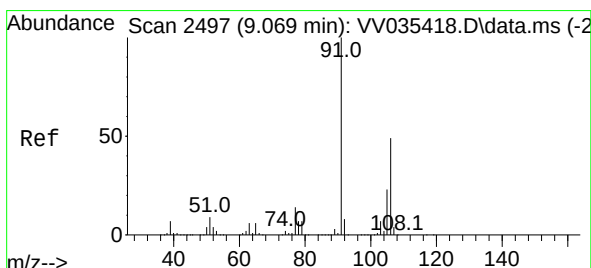
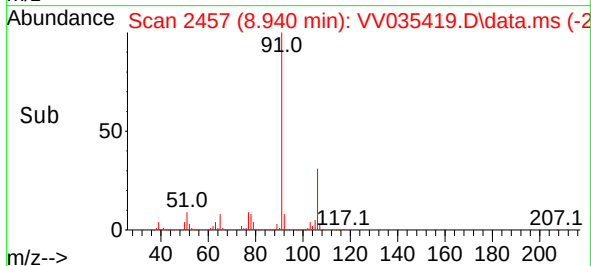
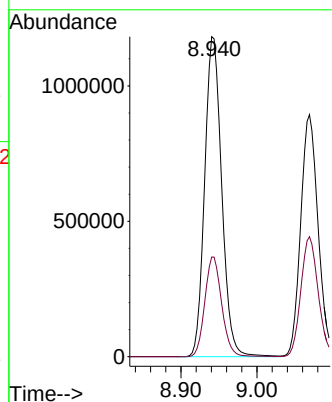
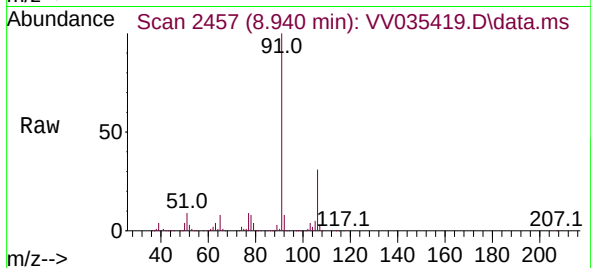
ClientSampleId :

Tgt Ion: 91 Resp: 1839593

Ion Ratio Lower Upper

91 100

106 31.2 21.3 39.5



#53

m,p-Xylene

Concen: 108.403 ug/L

RT: 9.069 min Scan# 2497

Delta R.T. 0.000 min

Lab File: VV035419.D

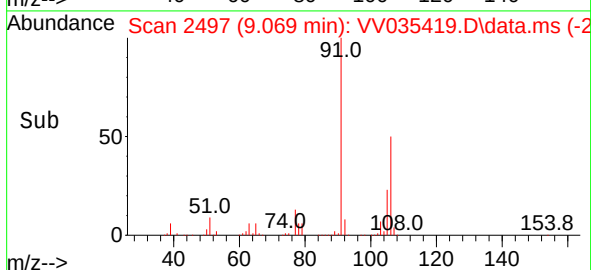
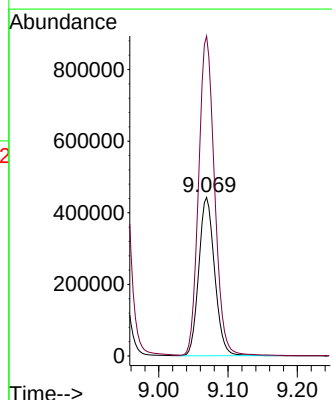
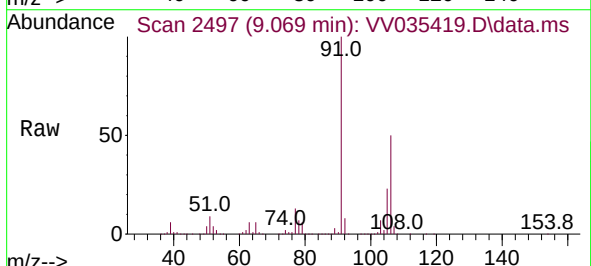
Acq: 26 Apr 2024 10:47

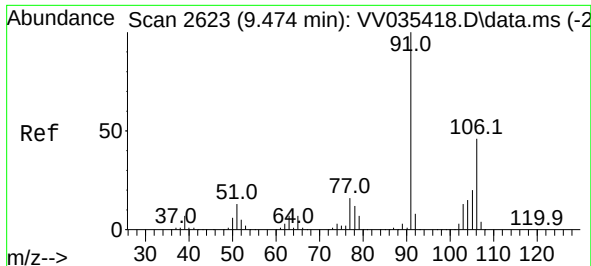
Tgt Ion:106 Resp: 704636

Ion Ratio Lower Upper

106 100

91 201.8 142.2 264.0





#54

o-Xylene

Concen: 109.992 ug/L

RT: 9.474 min Scan# 2623

Delta R.T. 0.000 min

Lab File: VV035419.D

Acq: 26 Apr 2024 10:47

Instrument :

MSVOA_V

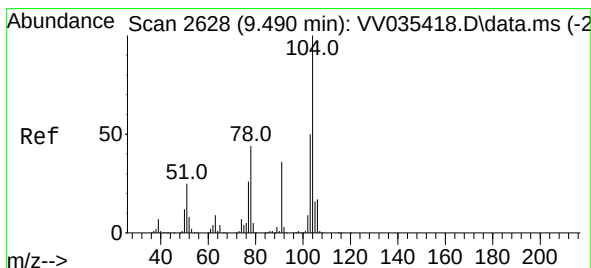
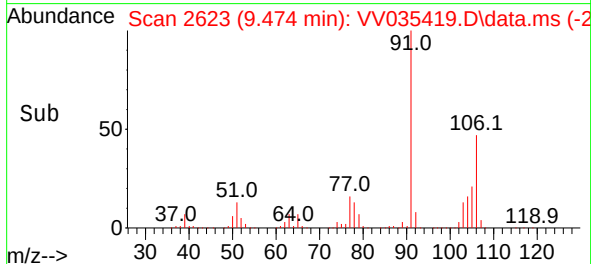
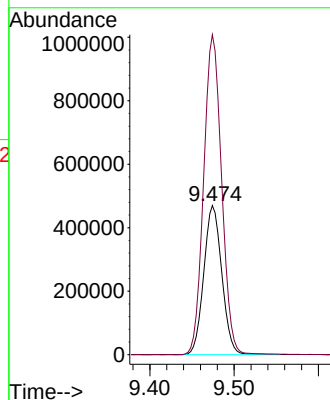
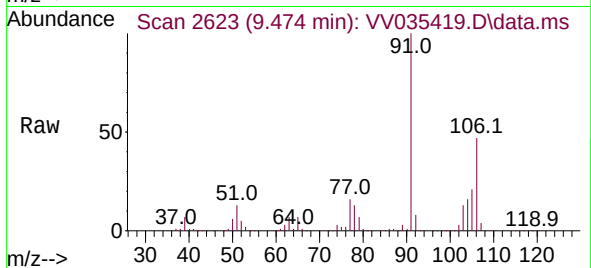
ClientSampleId :

Tgt Ion:106 Resp: 699114

Ion Ratio Lower Upper

106 100

91 214.7 152.7 283.5



#55

Styrene

Concen: 112.757 ug/L

RT: 9.490 min Scan# 2628

Delta R.T. 0.000 min

Lab File: VV035419.D

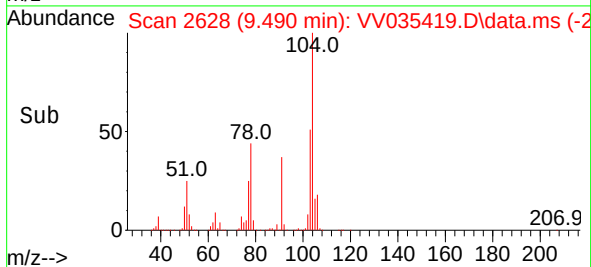
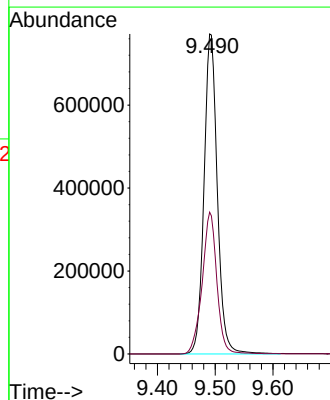
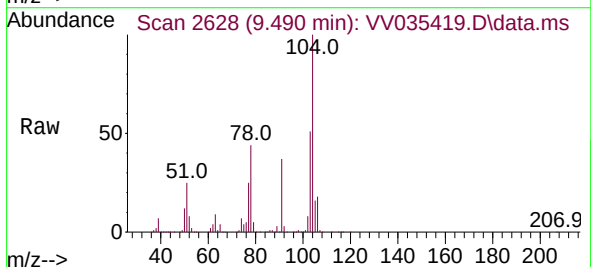
Acq: 26 Apr 2024 10:47

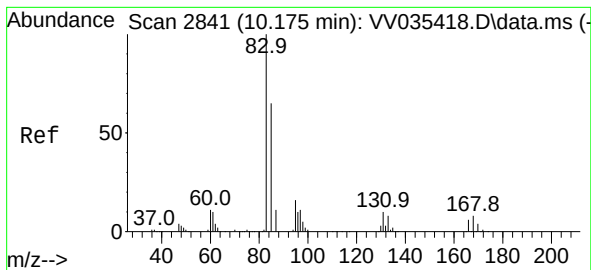
Tgt Ion:104 Resp: 1235982

Ion Ratio Lower Upper

104 100

78 44.3 30.9 57.3

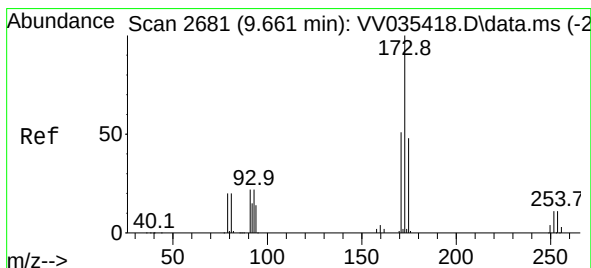
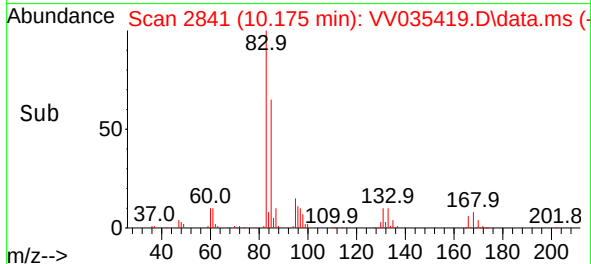
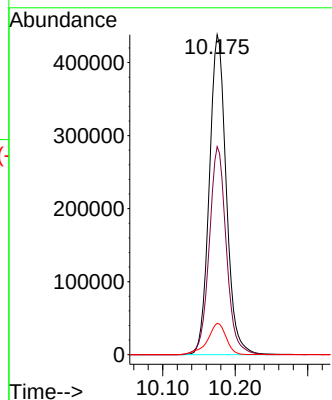
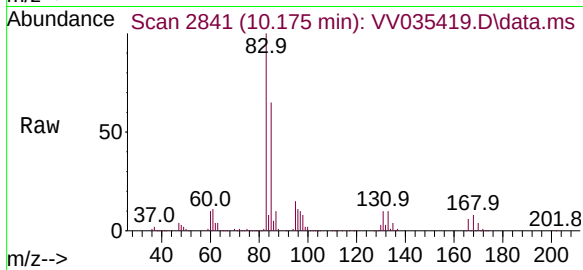




#57
1,1,2,2-Tetrachloroethane
Concen: 99.864 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. 0.000 min
Lab File: VV035419.D
Acq: 26 Apr 2024 10:47

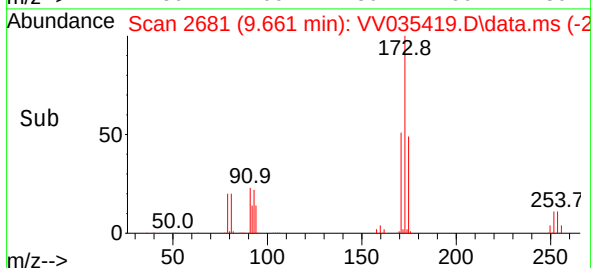
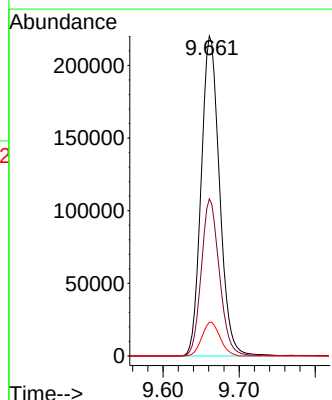
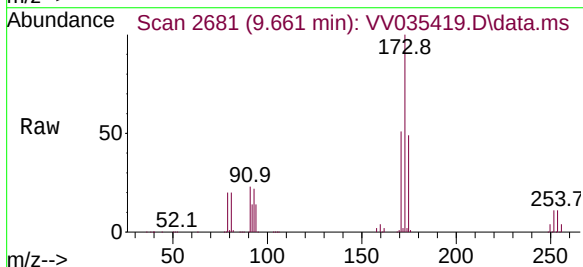
Instrument :
MSVOA_V
ClientSampleId :

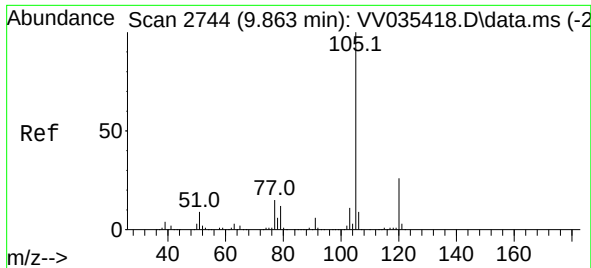
Tgt Ion: 83 Resp: 709877
Ion Ratio Lower Upper
83 100
85 65.0 45.4 84.2
131 9.8 7.9 11.9



#59
Bromoform
Concen: 99.405 ug/L
RT: 9.661 min Scan# 2681
Delta R.T. 0.000 min
Lab File: VV035419.D
Acq: 26 Apr 2024 10:47

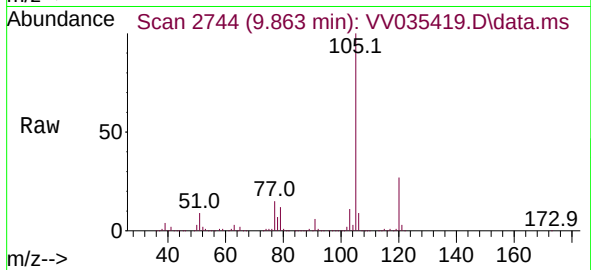
Tgt Ion: 173 Resp: 369094
Ion Ratio Lower Upper
173 100
175 48.5 38.6 58.0
254 10.5 8.7 13.1



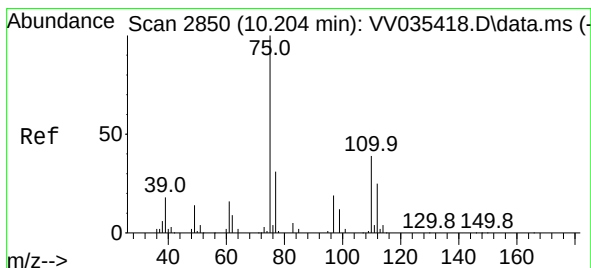
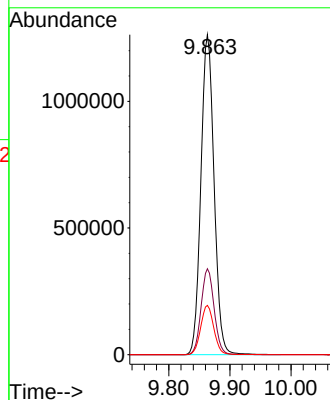
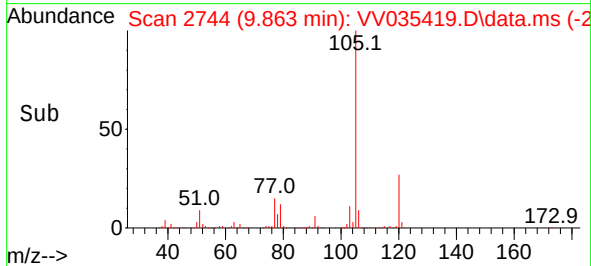


#60
Isopropylbenzene
Concen: 105.303 ug/L
RT: 9.863 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV035419.D
Acq: 26 Apr 2024 10:47

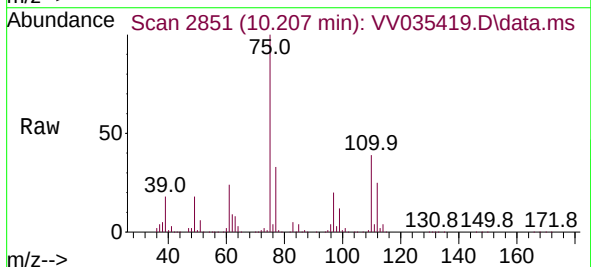
Instrument :
MSVOA_V
ClientSampleId :



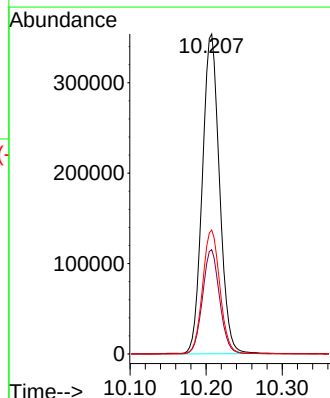
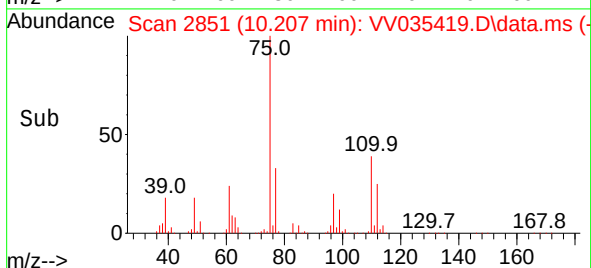
Tgt Ion:105 Resp: 1889433
Ion Ratio Lower Upper
105 100
120 26.6 21.1 31.7
77 15.4 12.4 18.6

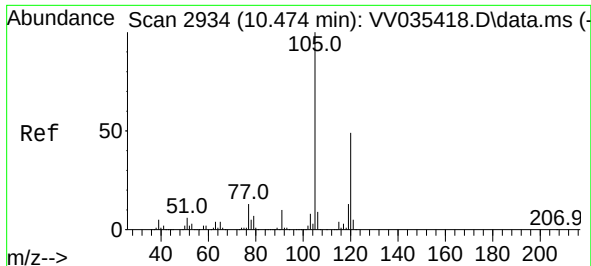


#61
1,2,3-Trichloropropane
Concen: 94.691 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. 0.003 min
Lab File: VV035419.D
Acq: 26 Apr 2024 10:47



Tgt Ion: 75 Resp: 554323
Ion Ratio Lower Upper
75 100
77 32.4 25.3 37.9
110 39.2 31.2 46.8





#62

1,3,5-Trimethylbenzene

Concen: 109.828 ug/L

RT: 10.471 min Scan# 2933

Delta R.T. -0.003 min

Lab File: VV035419.D

Acq: 26 Apr 2024 10:47

Instrument :

MSVOA_V

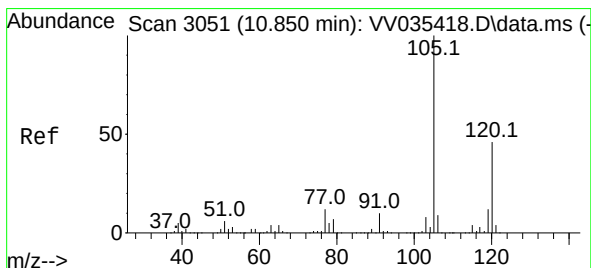
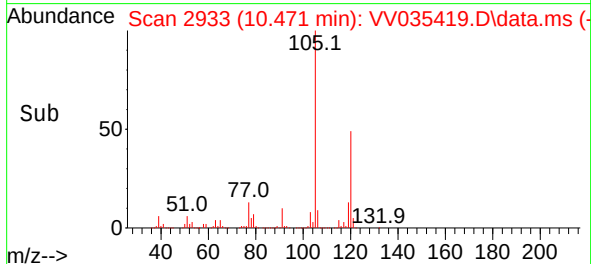
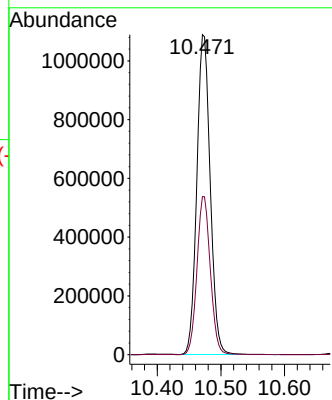
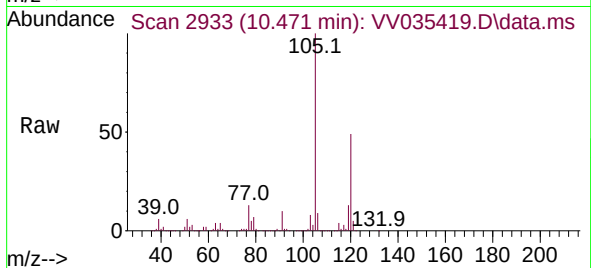
ClientSampleId :

Tgt Ion:105 Resp: 1587550

Ion Ratio Lower Upper

105 100

120 49.4 39.6 59.4



#63

1,2,4-Trimethylbenzene

Concen: 113.146 ug/L

RT: 10.847 min Scan# 3050

Delta R.T. -0.003 min

Lab File: VV035419.D

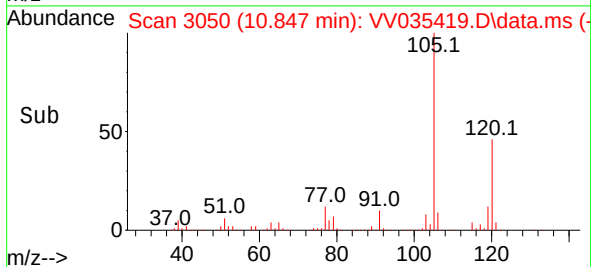
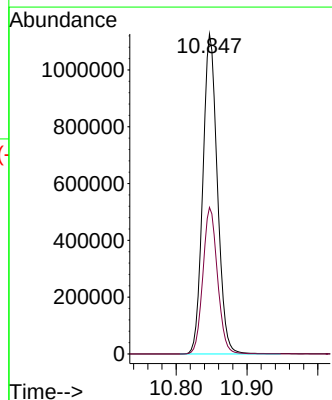
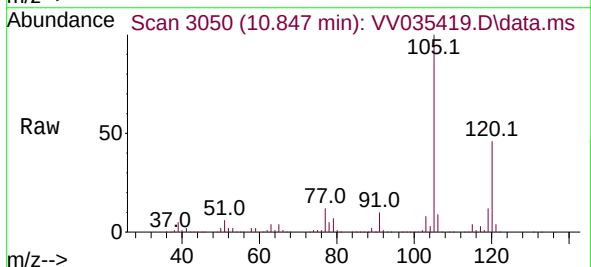
Acq: 26 Apr 2024 10:47

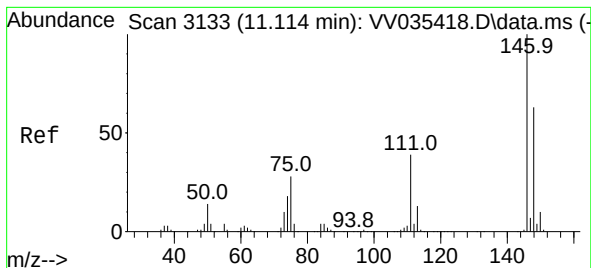
Tgt Ion:105 Resp: 1601262

Ion Ratio Lower Upper

105 100

120 46.0 36.7 55.1





#64

1,3-Dichlorobenzene

Concen: 98.979 ug/L

RT: 11.114 min Scan# 3133

Delta R.T. 0.000 min

Lab File: VV035419.D

Acq: 26 Apr 2024 10:47

Instrument :

MSVOA_V

ClientSampleId :

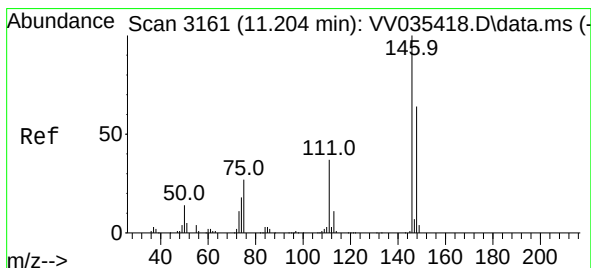
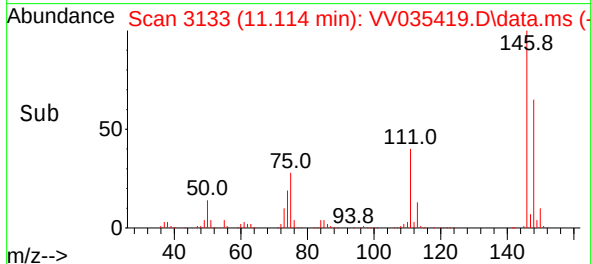
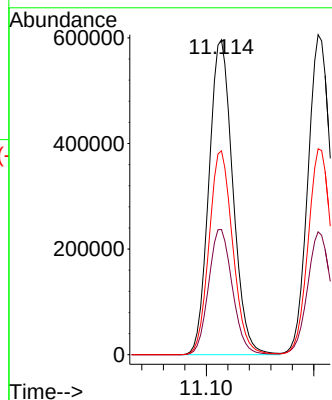
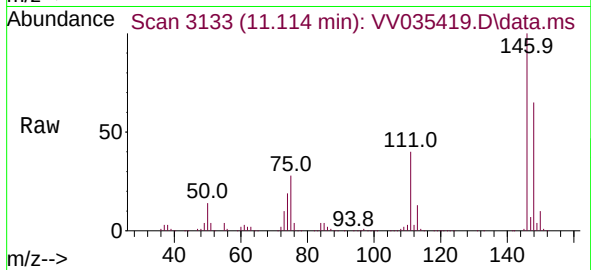
Tgt Ion:146 Resp: 920005

Ion Ratio Lower Upper

146 100

111 39.7 27.0 50.2

148 64.7 44.2 82.2



#65

1,4-Dichlorobenzene

Concen: 95.756 ug/L

RT: 11.204 min Scan# 3161

Delta R.T. 0.000 min

Lab File: VV035419.D

Acq: 26 Apr 2024 10:47

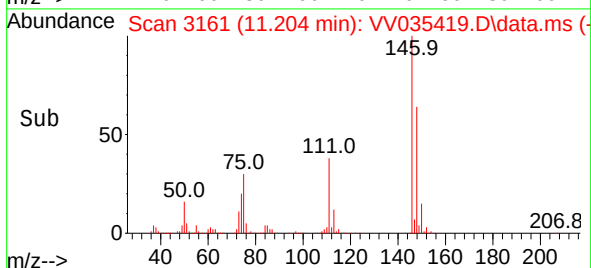
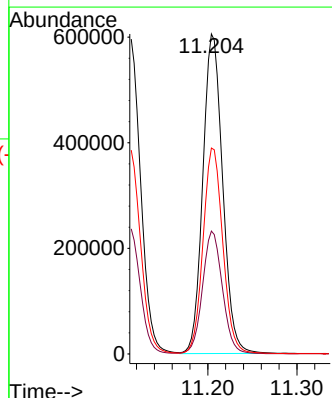
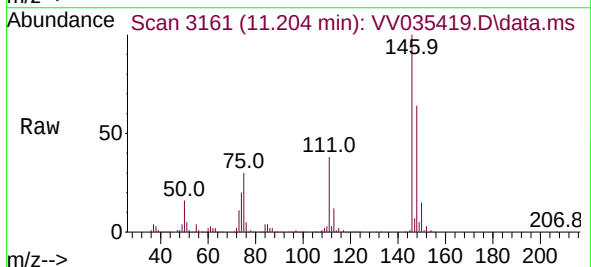
Tgt Ion:146 Resp: 933573

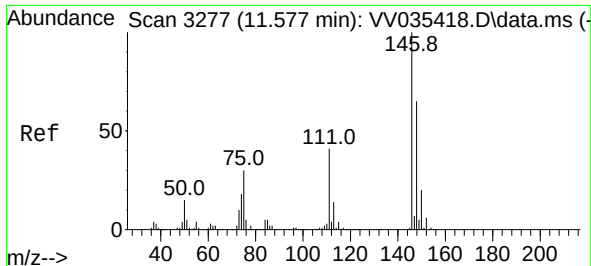
Ion Ratio Lower Upper

146 100

111 38.4 26.5 49.1

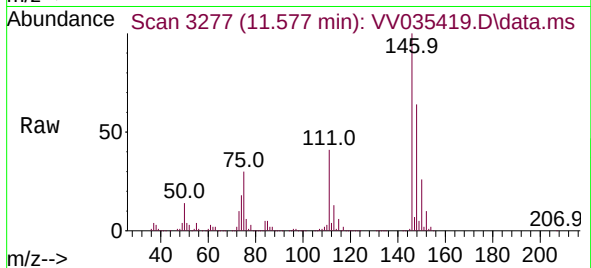
148 64.3 45.0 83.6



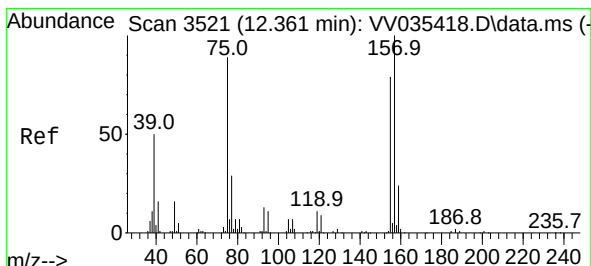
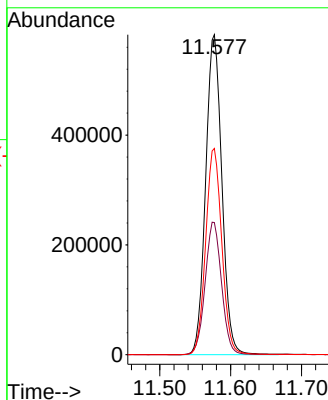
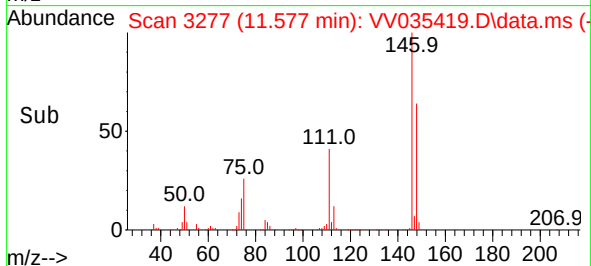


#67
1,2-Dichlorobenzene
Concen: 98.242 ug/L
RT: 11.577 min Scan# 3277
Delta R.T. 0.000 min
Lab File: VV035419.D
Acq: 26 Apr 2024 10:47

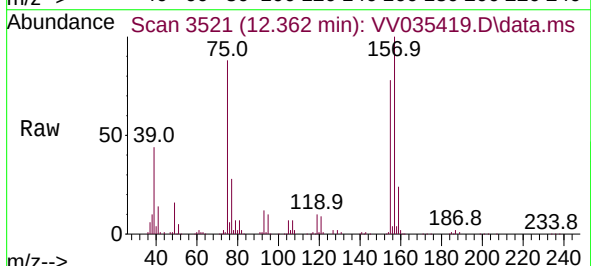
Instrument :
MSVOA_V
ClientSampleId :



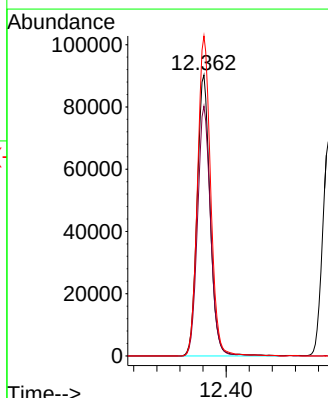
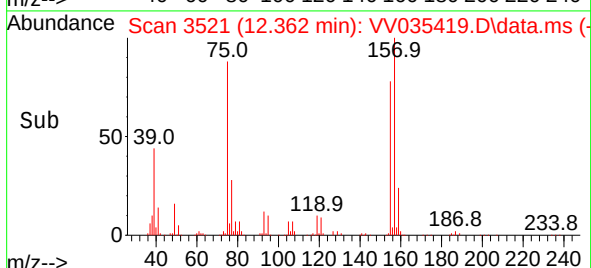
Tgt Ion:146 Resp: 925195
Ion Ratio Lower Upper
146 100
111 41.3 33.3 49.9
148 64.5 52.2 78.2

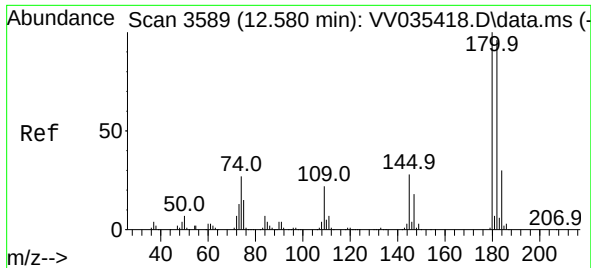


#68
1,2-Dibromo-3-chloropropane
Concen: 106.474 ug/L
RT: 12.362 min Scan# 3521
Delta R.T. 0.000 min
Lab File: VV035419.D
Acq: 26 Apr 2024 10:47



Tgt Ion: 75 Resp: 141015
Ion Ratio Lower Upper
75 100
155 88.9 70.6 106.0
157 113.9 89.7 134.5





#69

1,3,5-Trichlorobenzene

Concen: 102.957 ug/L

RT: 12.577 min Scan# 3588

Delta R.T. -0.003 min

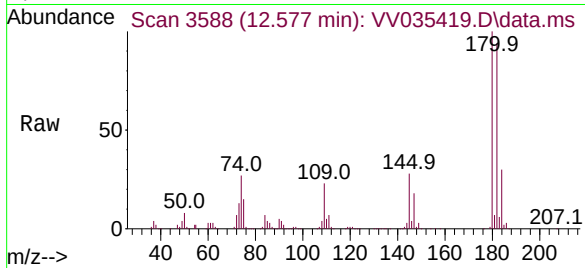
Lab File: VV035419.D

Acq: 26 Apr 2024 10:47

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 678053

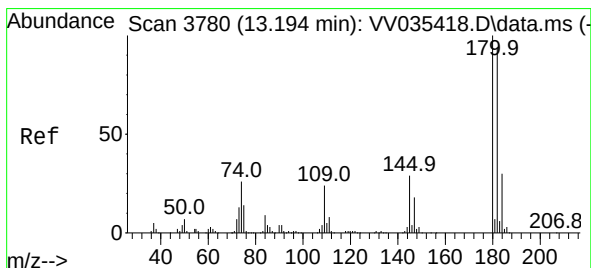
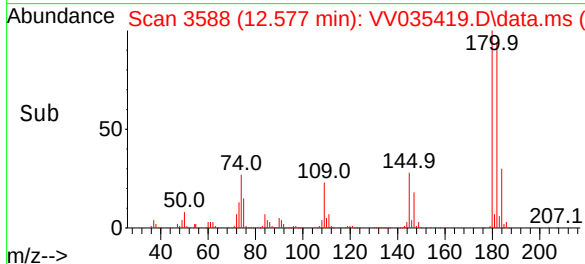
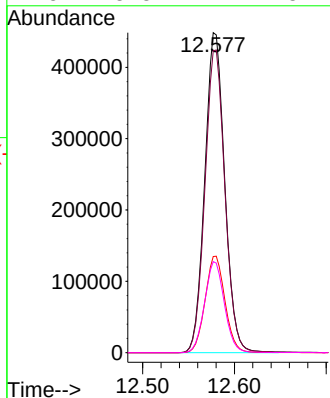
Ion Ratio Lower Upper

180 100

182 95.0 76.2 114.2

184 30.1 23.8 35.6

145 28.3 22.7 34.1



#70

1,2,4-trichlorobenzene

Concen: 108.995 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. 0.000 min

Lab File: VV035419.D

Acq: 26 Apr 2024 10:47

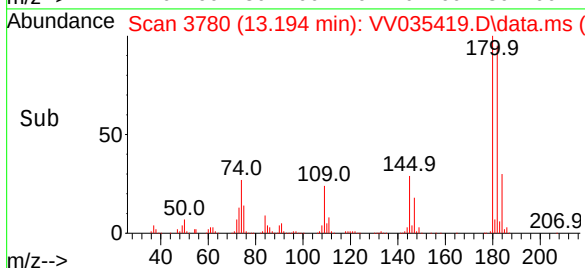
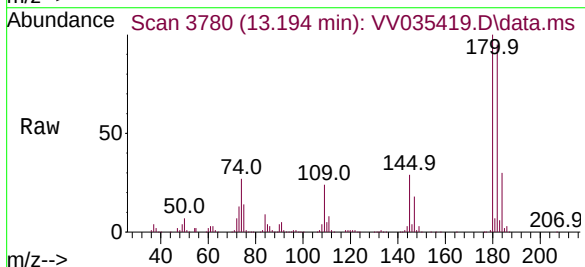
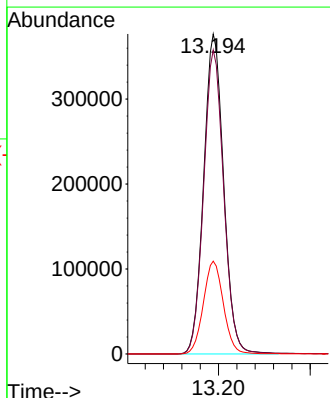
Tgt Ion:180 Resp: 569836

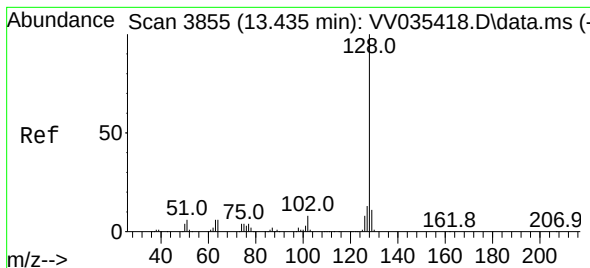
Ion Ratio Lower Upper

180 100

182 95.5 75.1 112.7

145 29.1 23.2 34.8





#71

Naphthalene

Concen: 125.528 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. 0.000 min

Lab File: VV035419.D

Acq: 26 Apr 2024 10:47

Instrument :

MSVOA_V

ClientSampleId :

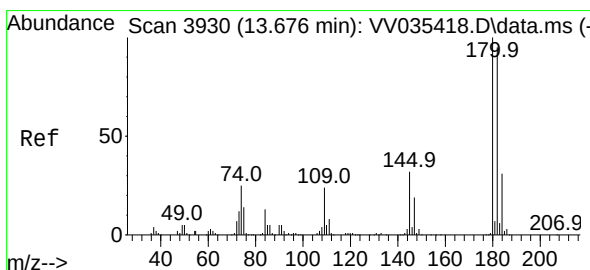
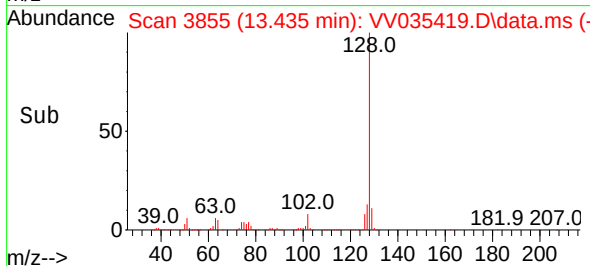
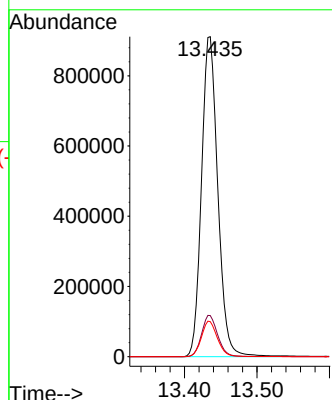
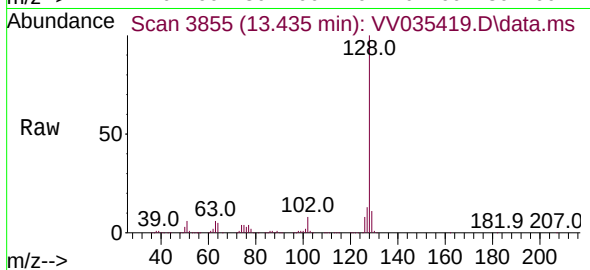
Tgt Ion:128 Resp: 1421332

Ion Ratio Lower Upper

128 100

127 12.8 10.5 15.7

129 10.9 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 112.414 ug/L

RT: 13.677 min Scan# 3930

Delta R.T. 0.000 min

Lab File: VV035419.D

Acq: 26 Apr 2024 10:47

Tgt Ion:180 Resp: 572666

Ion Ratio Lower Upper

180 100

182 95.7 76.6 115.0

145 30.7 24.7 37.1

