

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100423\
 Data File : VW032219.D
 Acq On : 04 Oct 2023 10:38
 Operator : SY/MD
 Sample : 04696-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 05 01:39:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 05 01:37:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	105027	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	103232	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	47485	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	39154	4.584	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.600%
7) Chloroethane-d5	1.532	69	33793	4.874	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.400%
11) 1,1-Dichloroethene-d2	2.060	65	16514	4.584	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.600%
20) 2-Butanone-d5	3.809	46	66026	30.557	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	61.120%
24) Chloroform-d	4.252	84	68980	4.578	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
26) 1,2-Dichloroethane-d4	4.947	65	32984	4.621	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
32) Benzene-d6	4.963	84	141606	4.662	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
36) 1,2-Dichloropropane-d6	5.992	67	47216	4.691	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.800%
41) Toluene-d8	7.246	98	125300	4.511	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.200%
43) trans-1,3-Dichloroprop...	7.561	79	16125	4.521	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.400%
46) 2-Hexanone-d5	8.030	63	70874	42.238	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.480%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	32313	4.590	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.800%
66) 1,2-Dichlorobenzene-d4	11.564	152	44811	5.085	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	2467	0.211	ug/L	97
3) Chloromethane	1.217	50	2602	0.221	ug/L	98
5) Vinyl chloride	1.281	62	2626	0.233	ug/L #	75
6) Bromomethane	1.487	94	1403	0.206	ug/L	92
8) Chloroethane	1.552	64	1501	0.222	ug/L	100
9) Trichlorofluoromethane	1.716	101	2726	0.202	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	2043	0.250	ug/L	95
12) 1,1-Dichloroethene	2.072	96	1867	0.242	ug/L #	1
14) Carbon disulfide	2.243	76	5636	0.209	ug/L #	93
16) Methylene chloride	2.449	84	5396	0.537	ug/L	99
17) Methyl tert-butyl Ether	2.709	73	3984	0.190	ug/L #	93
18) trans-1,2-Dichloroethene	2.703	96	1796	0.204	ug/L	98
19) 1,1-Dichloroethane	3.114	63	3490	0.210	ug/L #	86
22) cis-1,2-Dichloroethene	3.825	96	1928	0.203	ug/L	97
23) Bromochloromethane	4.159	128	688	0.172	ug/L #	89
27) 1,2-Dichloroethane	5.066	62	1985	0.206	ug/L #	80
29) 1,1,1-Trichloroethane	4.523	97	2817	0.201	ug/L	98
30) Cyclohexane	4.587	56	2830	0.183	ug/L	96
31) Carbon tetrachloride	4.735	117	2281	0.192	ug/L	97

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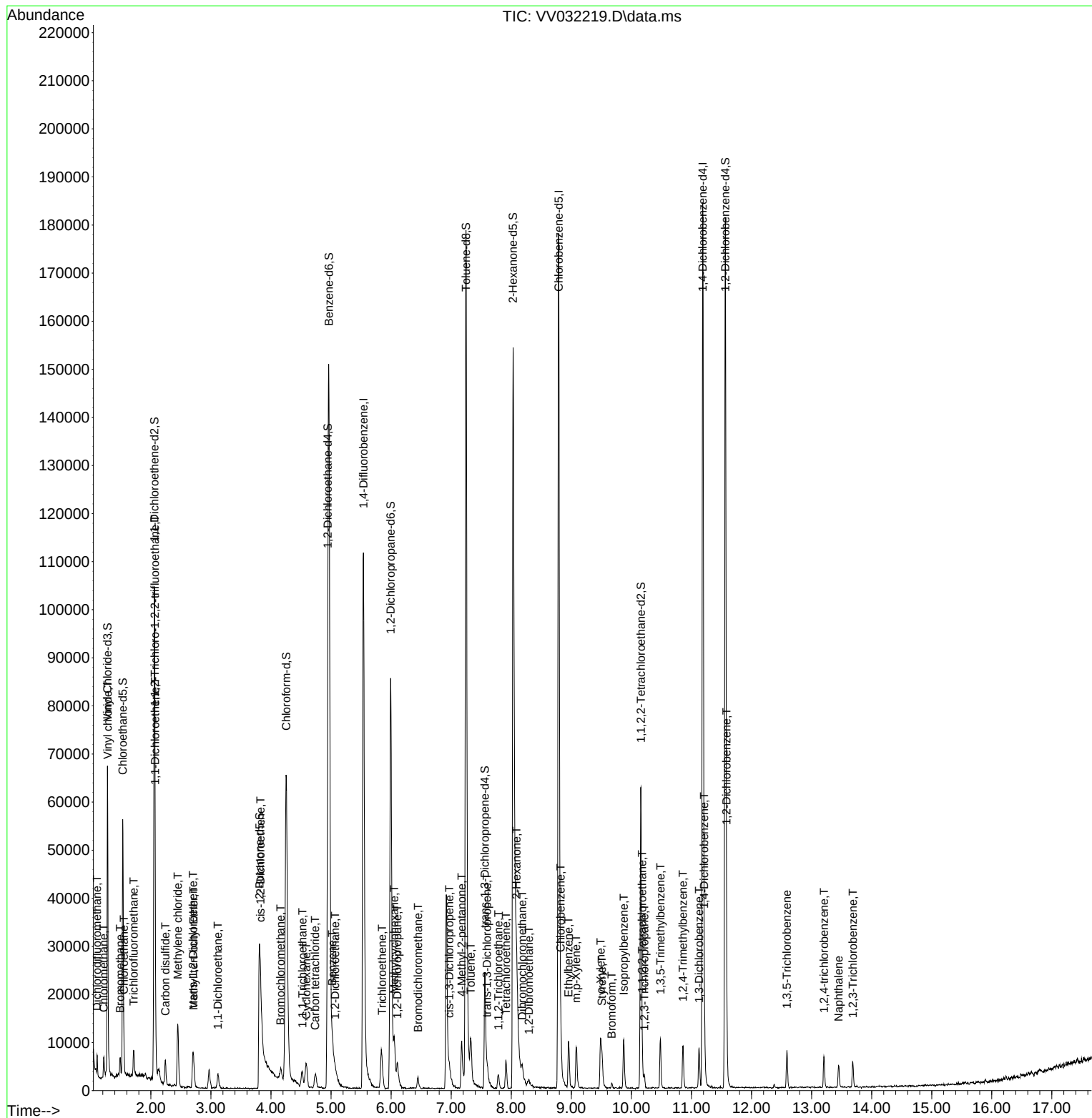
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) Benzene	5.018	78	7256	0.200	ug/L	100
34) Trichloroethene	5.850	95	1831	0.185	ug/L	94
35) Methylcyclohexane	6.053	83	3498	0.228	ug/L #	83
37) 1,2-Dichloropropane	6.104	63	1695	0.174	ug/L #	87
38) Bromodichloromethane	6.448	83	1975	0.171	ug/L #	90
39) cis-1,3-Dichloropropene	6.969	75	2035	0.147	ug/L	97
40) 4-Methyl-2-pentanone	7.175	43	8797	1.430	ug/L #	86
42) Toluene	7.326	91	7210	0.186	ug/L	99
44) trans-1,3-Dichloropropene	7.596	75	1782	0.157	ug/L	89
45) 1,1,2-Trichloroethane	7.786	97	1249	0.182	ug/L	94
47) Tetrachloroethene	7.911	164	1454	0.193	ug/L	90
48) 2-Hexanone	8.088	43	11402	2.627	ug/L	99
49) Dibromochloromethane	8.185	129	1309	0.183	ug/L	91
50) 1,2-Dibromoethane	8.294	107	1138	0.175	ug/L #	90
51) Chlorobenzene	8.821	112	4970	0.199	ug/L	98
52) Ethylbenzene	8.953	91	7222	0.167	ug/L	99
53) m,p-Xylene	9.082	106	2892	0.181	ug/L	99
54) o-Xylene	9.487	106	2702	0.175	ug/L	84
55) Styrene	9.509	104	4071	0.156	ug/L	89
57) 1,1,2,2-Tetrachloroethane	10.181	83	1606	0.213	ug/L #	90
59) Bromoform	9.670	173	589	0.171	ug/L #	94
60) Isopropylbenzene	9.873	105	7058	0.191	ug/L	98
61) 1,2,3-Trichloropropane	10.217	75	1079	0.213	ug/L #	90
62) 1,3,5-Trimethylbenzene	10.484	105	5693	0.189	ug/L	97
63) 1,2,4-Trimethylbenzene	10.857	105	5196	0.174	ug/L	99
64) 1,3-Dichlorobenzene	11.127	146	3641	0.207	ug/L	97
65) 1,4-Dichlorobenzene	11.214	146	3768	0.213	ug/L	89
67) 1,2-Dichlorobenzene	11.583	146	3562	0.222	ug/L	96
69) 1,3,5-Trichlorobenzene	12.586	180	2623	0.203	ug/L	95
70) 1,2,4-trichlorobenzene	13.207	180	2396	0.209	ug/L	87
71) Naphthalene	13.451	128	3959	0.204	ug/L	97
72) 1,2,3-Trichlorobenzene	13.686	180	1866	0.189	ug/L	99

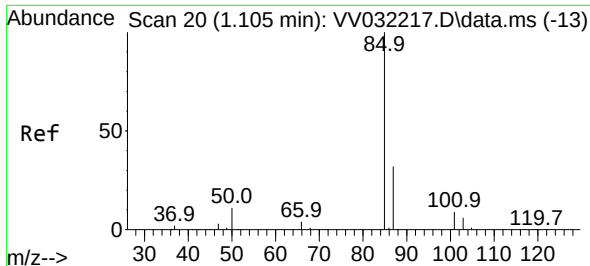
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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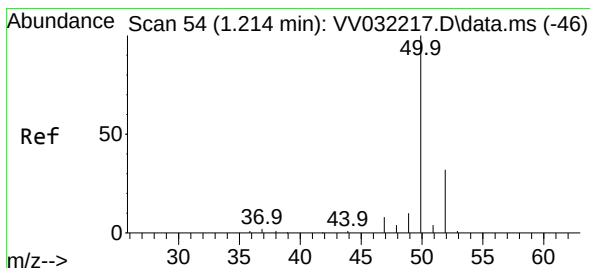
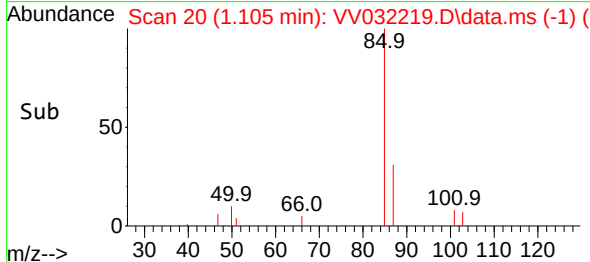
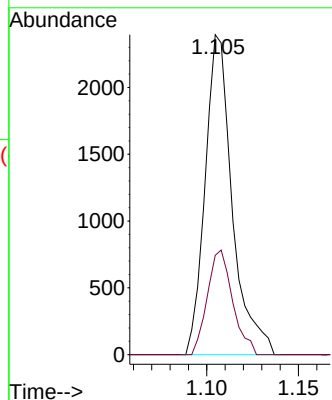
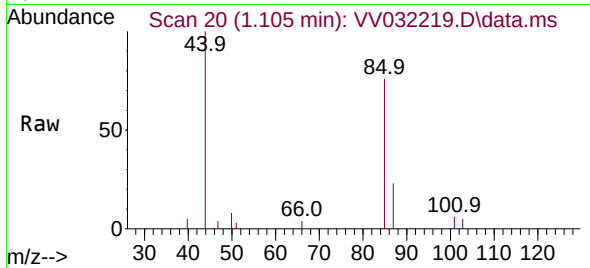




#2
 Dichlorodifluoromethane
 Concen: 0.211 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VV032219.D
 Acq: 04 Oct 2023 10:38

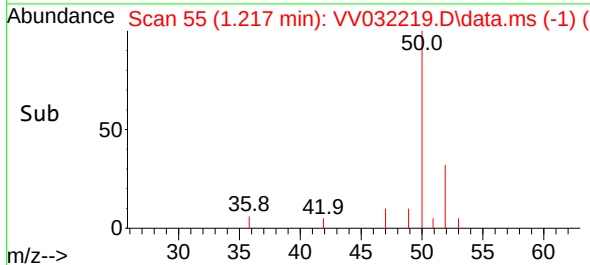
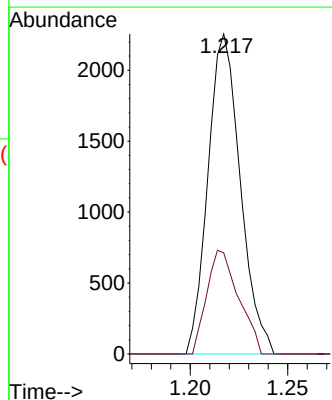
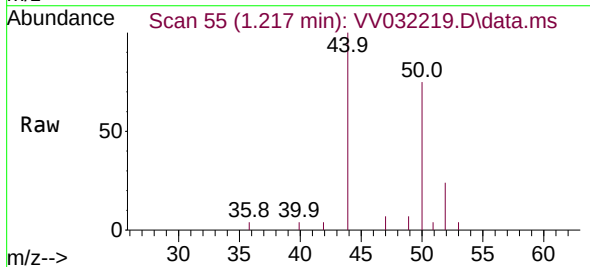
Instrument :
 MSVOA_V
 ClientSampleId :

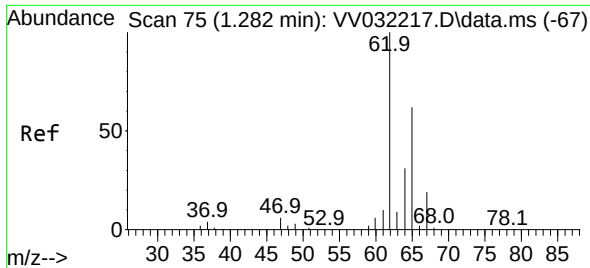
Tgt Ion: 85 Resp: 2467
 Ion Ratio Lower Upper
 85 100
 87 30.4 25.5 38.3



#3
 Chloromethane
 Concen: 0.221 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.003 min
 Lab File: VV032219.D
 Acq: 04 Oct 2023 10:38

Tgt Ion: 50 Resp: 2602
 Ion Ratio Lower Upper
 50 100
 52 31.6 23.0 42.6



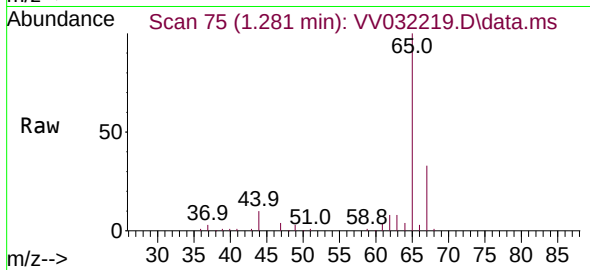


#5
 Vinyl chloride
 Concen: 0.233 ug/L
 RT: 1.281 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VV032219.D
 Acq: 04 Oct 2023 10:38

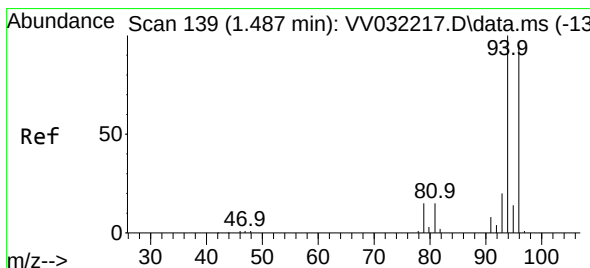
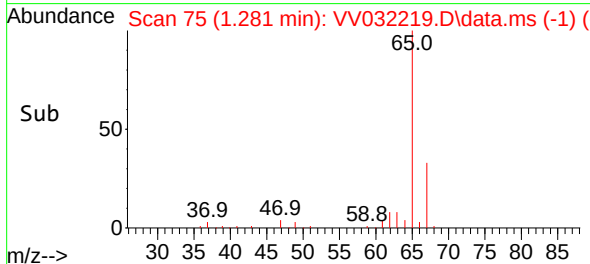
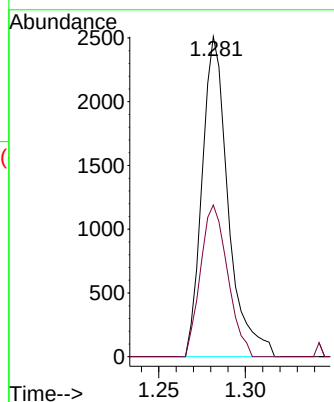
Instrument :

MSVOA_V

ClientSampleId :

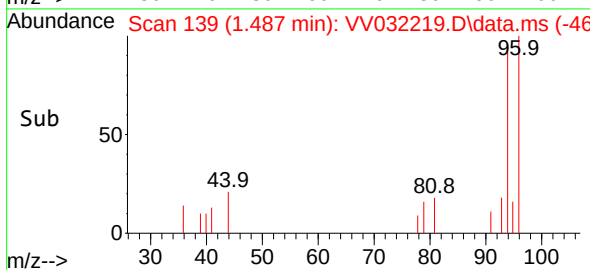
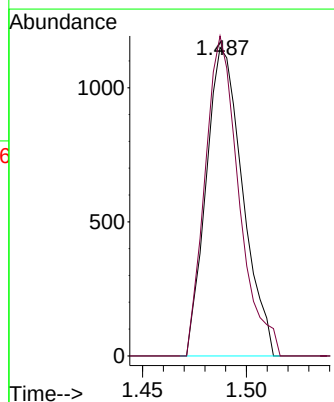
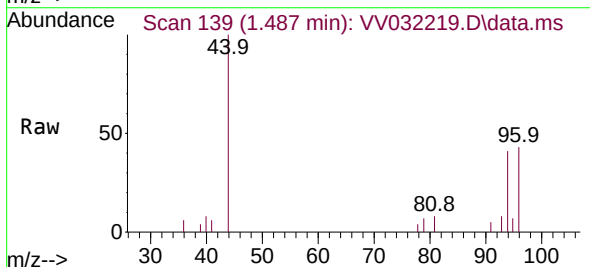


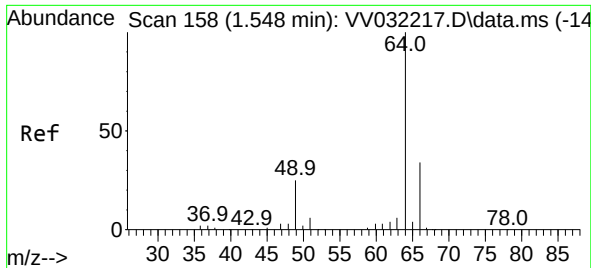
Tgt Ion: 62 Resp: 2626
 Ion Ratio Lower Upper
 62 100
 64 47.4 23.1 42.9#



#6
 Bromomethane
 Concen: 0.206 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. -0.000 min
 Lab File: VV032219.D
 Acq: 04 Oct 2023 10:38

Tgt Ion: 94 Resp: 1403
 Ion Ratio Lower Upper
 94 100
 96 103.7 66.8 124.2

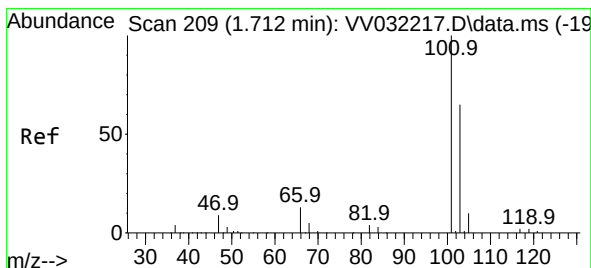
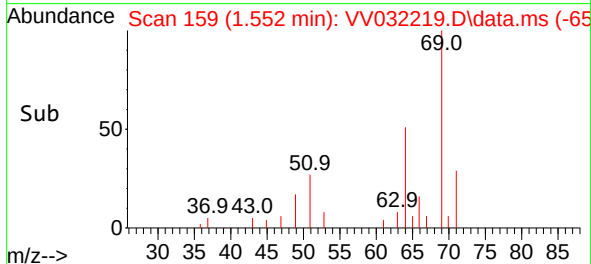
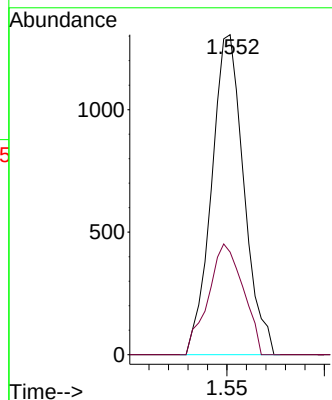
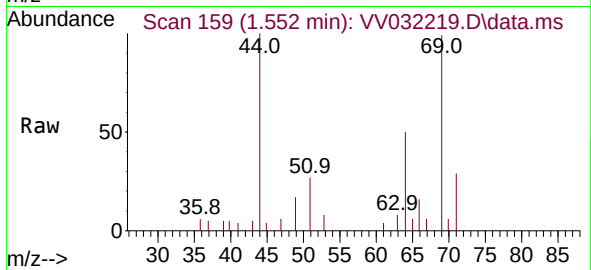




#8
Chloroethane
Concen: 0.222 ug/L
RT: 1.552 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV032219.D
Acq: 04 Oct 2023 10:38

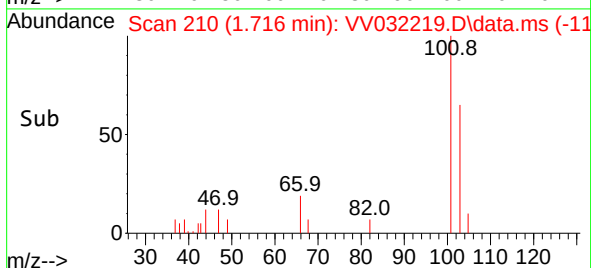
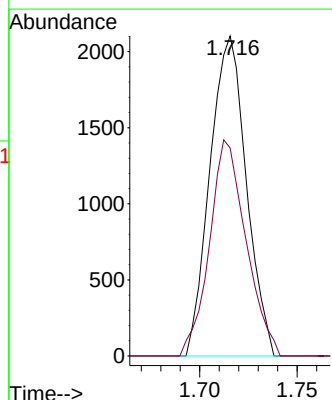
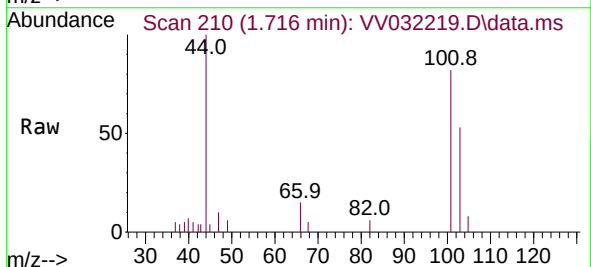
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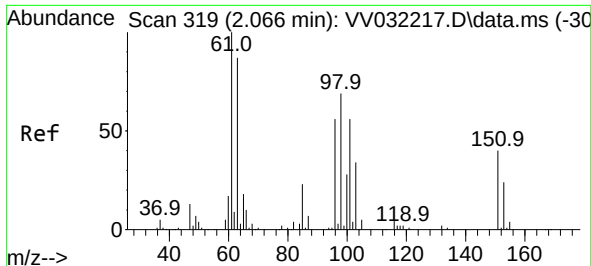
Tgt Ion: 64 Resp: 1501
Ion Ratio Lower Upper
64 100
66 32.1 22.6 42.0



#9
Trichlorofluoromethane
Concen: 0.202 ug/L
RT: 1.716 min Scan# 210
Delta R.T. 0.003 min
Lab File: VV032219.D
Acq: 04 Oct 2023 10:38

Tgt Ion: 101 Resp: 2726
Ion Ratio Lower Upper
101 100
103 67.8 51.4 77.2





#10

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

Concen: 0.250 ug/L

RT: 2.069 min Scan# 319

Delta R.T. 0.003 min

Lab File: VV032219.D

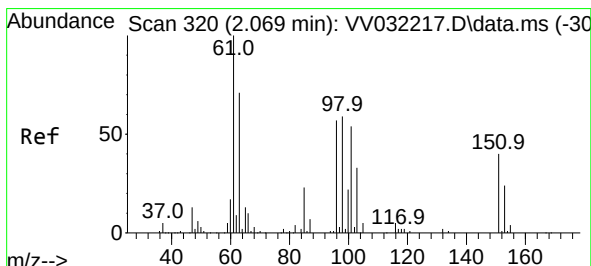
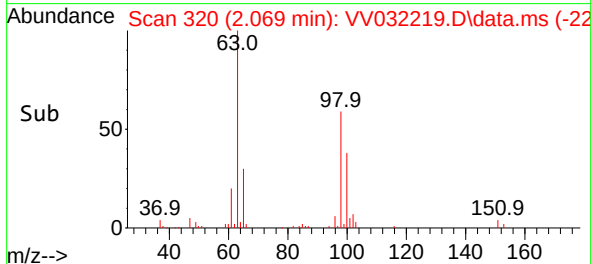
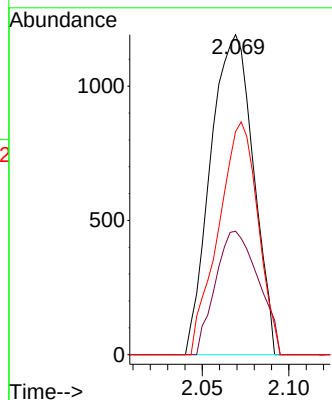
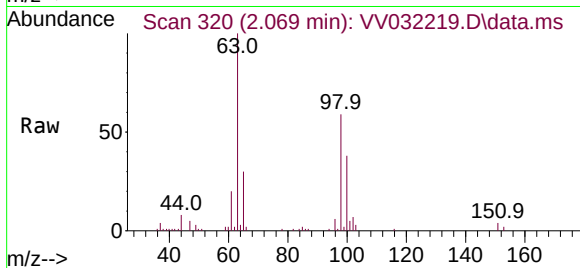
Acq: 04 Oct 2023 10:38

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	101	Resp:	2043
Ion	Ratio	Lower	Upper
101	100		
85	38.9	35.0	52.6
151	67.4	56.6	84.8



#12

1,1-Dichloroethene

Concen: 0.242 ug/L

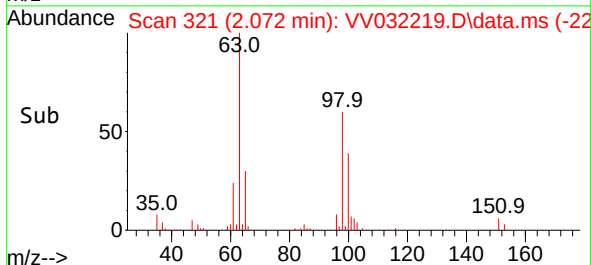
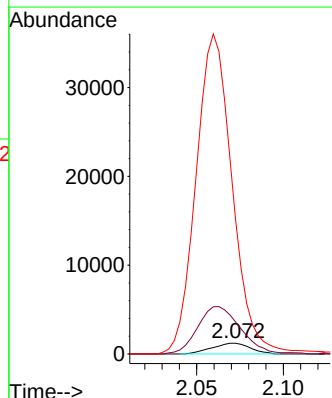
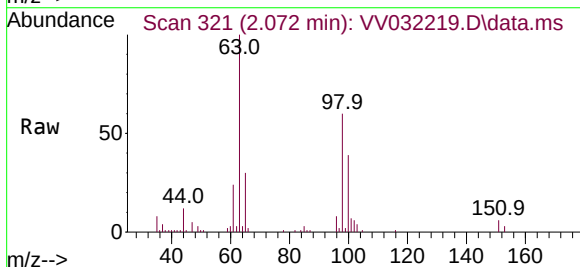
RT: 2.072 min Scan# 321

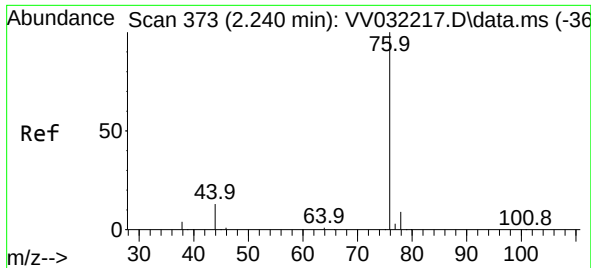
Delta R.T. 0.003 min

Lab File: VV032219.D

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Tgt Ion:	96	Resp:	1867
Ion	Ratio	Lower	Upper
96	100		
61	296.8	127.3	236.3#
63	1244.5	98.3	182.7#

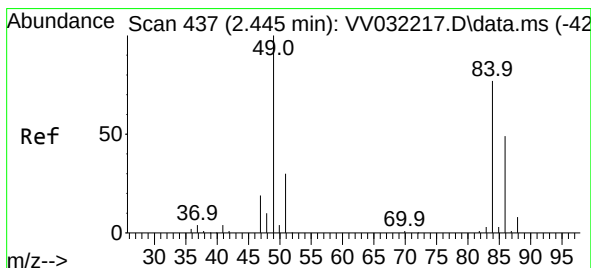
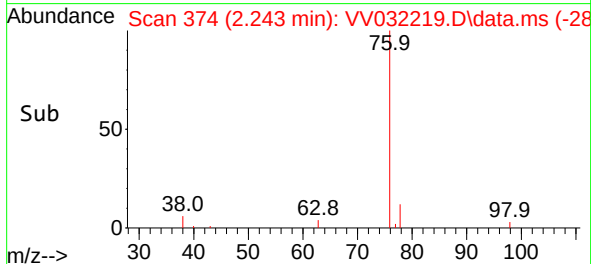
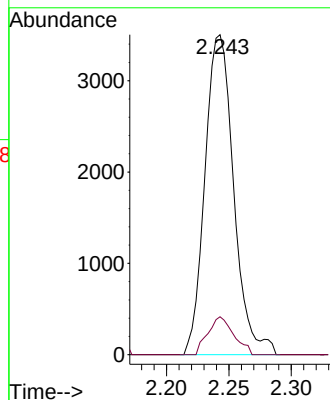
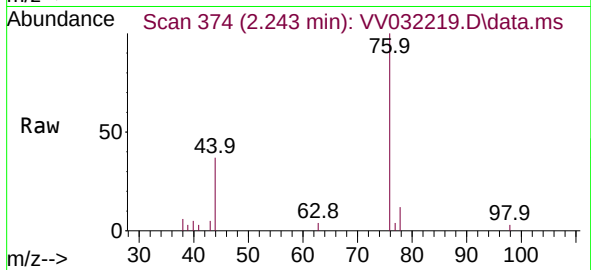




#14
Carbon disulfide
Concen: 0.209 ug/L
RT: 2.243 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV032219.D
Acq: 04 Oct 2023 10:38

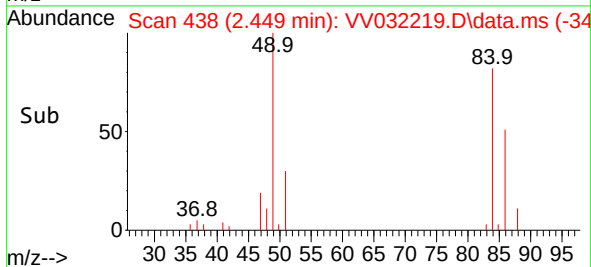
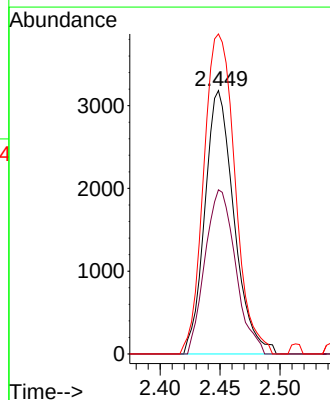
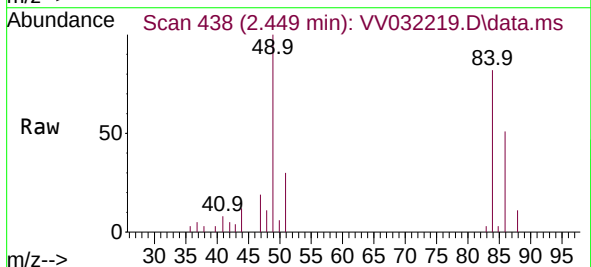
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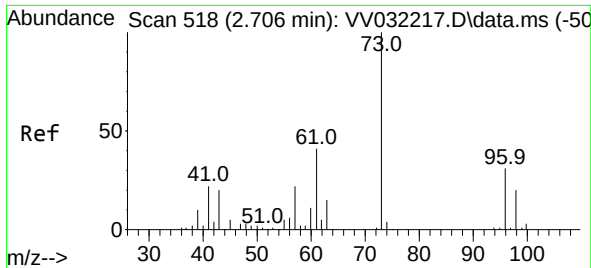
Tgt Ion: 76 Resp: 5636
Ion Ratio Lower Upper
76 100
78 11.8 7.4 11.2#



#16
Methylene chloride
Concen: 0.537 ug/L
RT: 2.449 min Scan# 438
Delta R.T. 0.003 min
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Tgt Ion: 84 Resp: 5396
Ion Ratio Lower Upper
84 100
86 62.3 43.2 80.2
49 121.5 86.3 160.3

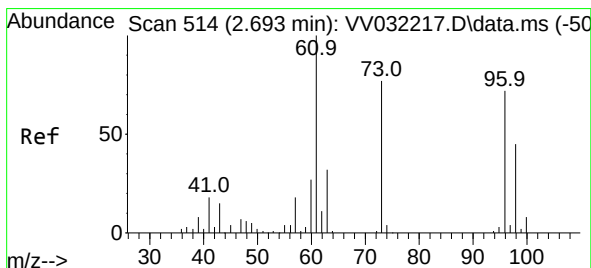
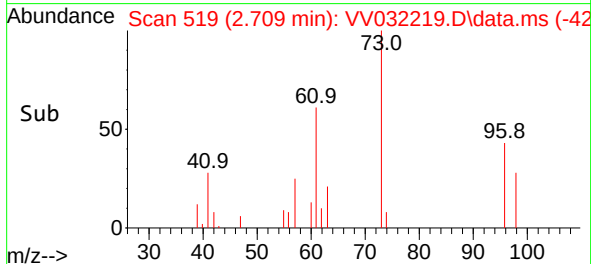
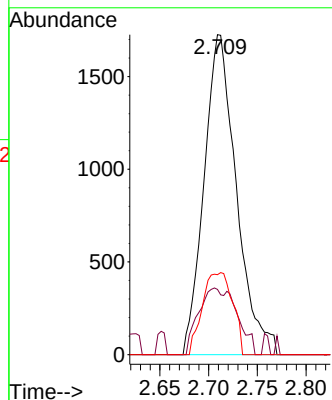
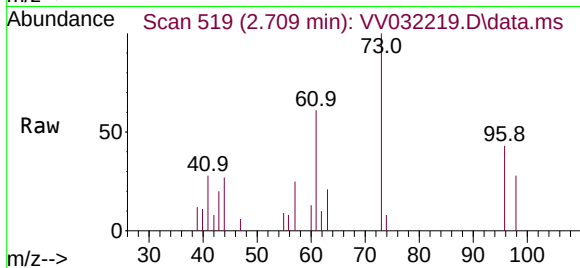




#17
Methyl tert-butyl Ether
Concen: 0.190 ug/L
RT: 2.709 min Scan# 517
Delta R.T. 0.003 min
Lab File: VV032219.D
Acq: 04 Oct 2023 10:38

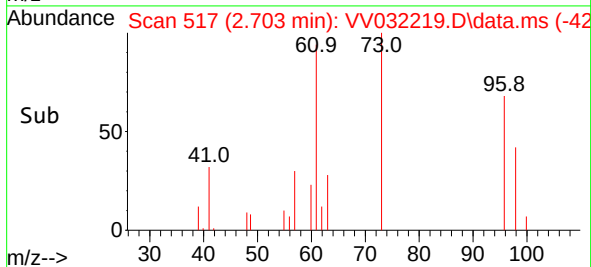
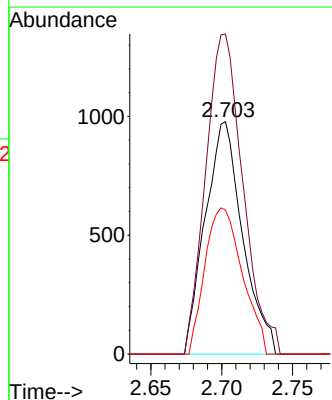
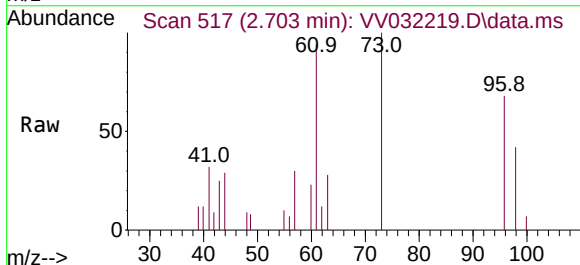
Instrument :
MSVOA_V
ClientSampleId :

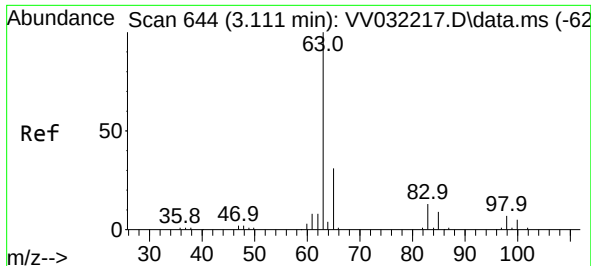
Tgt Ion: 73 Resp: 3984
Ion Ratio Lower Upper
73 100
43 24.7 15.1 22.7#
57 23.9 18.3 27.5



#18
trans-1,2-Dichloroethene
Concen: 0.204 ug/L
RT: 2.703 min Scan# 517
Delta R.T. 0.010 min
Lab File: VV032219.D
Acq: 04 Oct 2023 10:38

Tgt Ion: 96 Resp: 1796
Ion Ratio Lower Upper
96 100
61 137.7 96.9 180.1
98 62.0 45.3 84.1

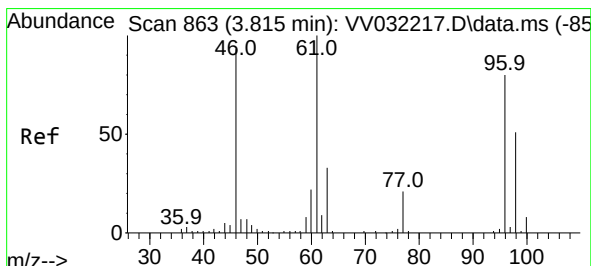
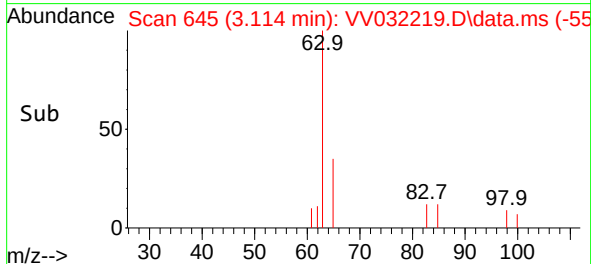
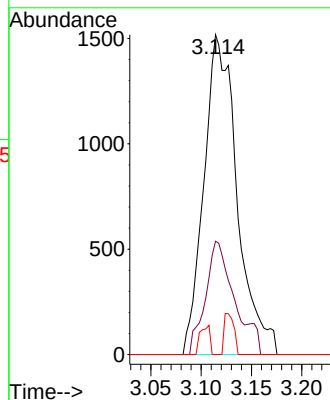
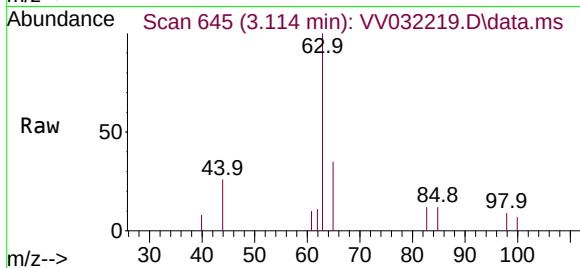




#19
1,1-Dichloroethane
Concen: 0.210 ug/L
RT: 3.114 min Scan# 64
Delta R.T. 0.003 min
Lab File: VV032219.D
Acq: 04 Oct 2023 10:38

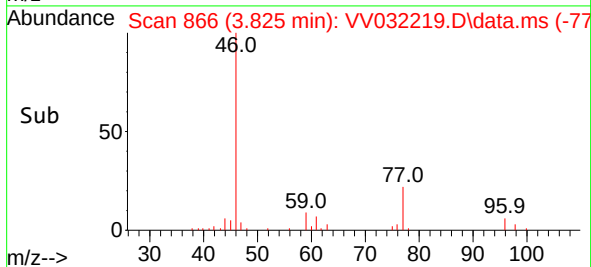
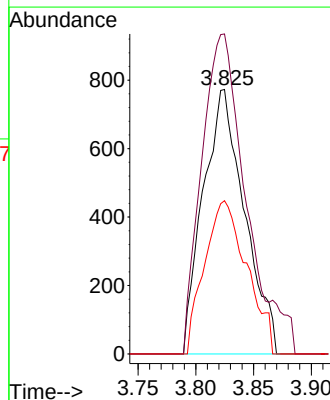
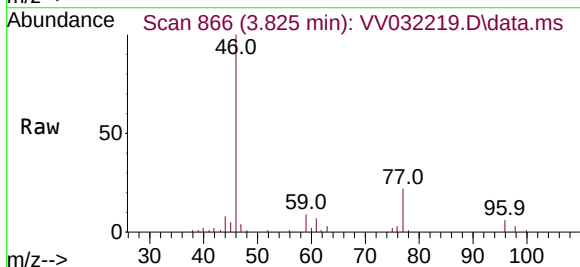
Instrument :
MSVOA_V
ClientSampleId :

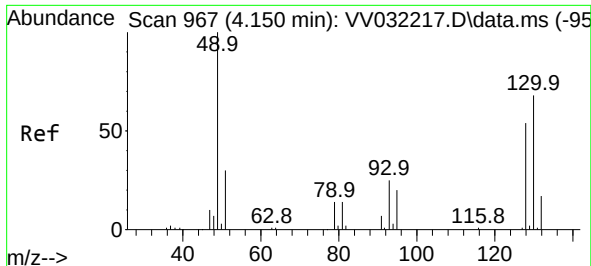
Tgt Ion: 63 Resp: 3490
Ion Ratio Lower Upper
63 100
65 35.4 22.3 41.5
83 0.0 9.0 16.6#



#22
cis-1,2-Dichloroethene
Concen: 0.203 ug/L
RT: 3.825 min Scan# 866
Delta R.T. 0.010 min
Lab File: VV032219.D
Acq: 04 Oct 2023 10:38

Tgt Ion: 96 Resp: 1928
Ion Ratio Lower Upper
96 100
61 121.0 85.8 159.4
98 58.0 44.0 81.6

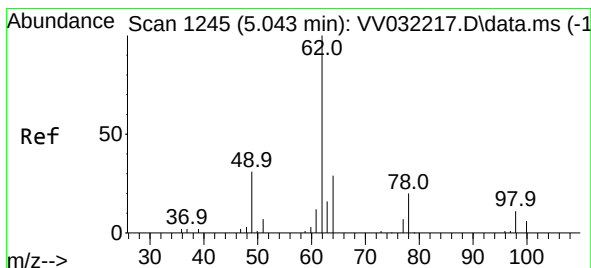
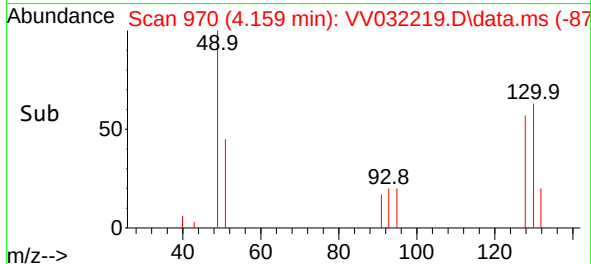
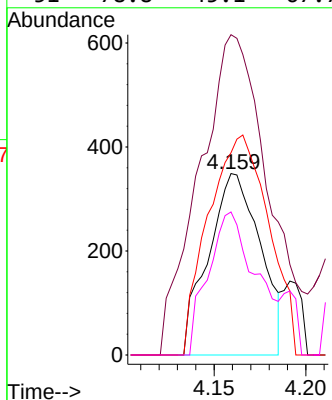
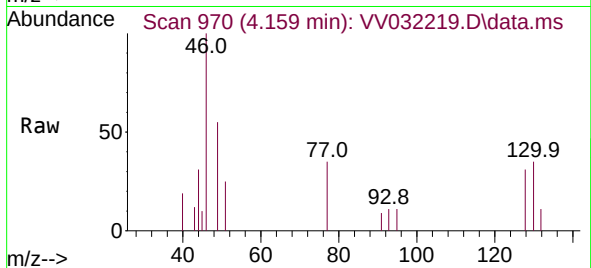




#23
Bromochloromethane
Concen: 0.172 ug/L
RT: 4.159 min Scan# 91
Delta R.T. 0.010 min
Lab File: VV032219.D
Acq: 04 Oct 2023 10:38

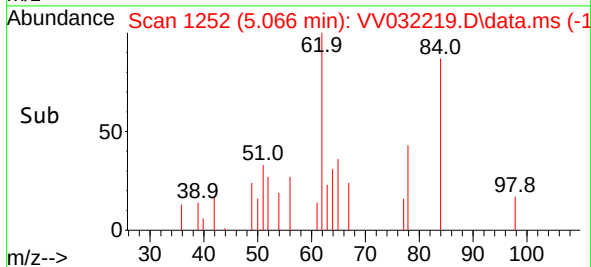
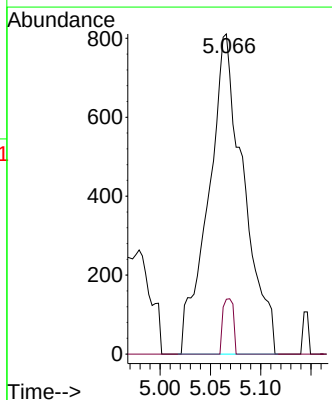
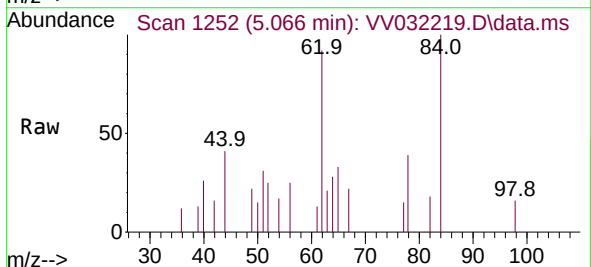
Instrument :
MSVOA_V
ClientSampleId :

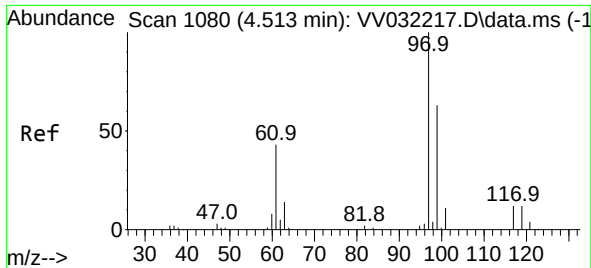
Tgt Ion:128 Resp: 688
Ion Ratio Lower Upper
128 100
49 176.5 121.2 225.0
130 111.5 88.2 163.8
51 78.8 45.1 67.7#



#27
1,2-Dichloroethane
Concen: 0.206 ug/L
RT: 5.066 min Scan# 1252
Delta R.T. 0.022 min
Lab File: VV032219.D
Acq: 04 Oct 2023 10:38

Tgt Ion: 62 Resp: 1985
Ion Ratio Lower Upper
62 100
98 17.1 7.8 11.8#





#29

1,1,1-Trichloroethane

Concen: 0.201 ug/L

RT: 4.523 min Scan# 1103

Delta R.T. 0.010 min

Lab File: VV032219.D

Acq: 04 Oct 2023 10:38

Instrument :

MSVOA_V

ClientSampleId :

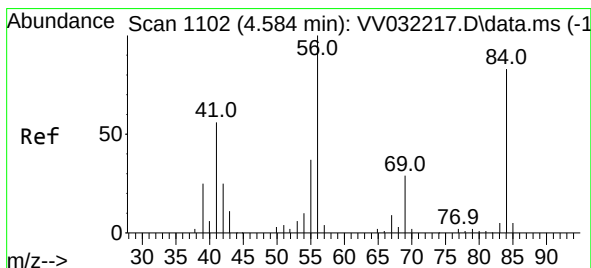
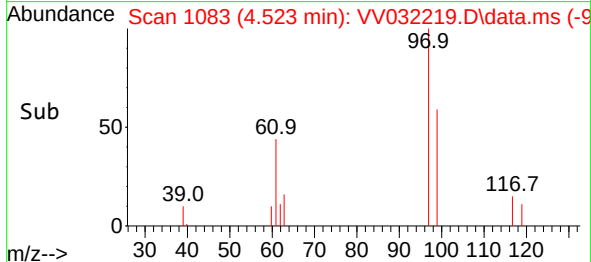
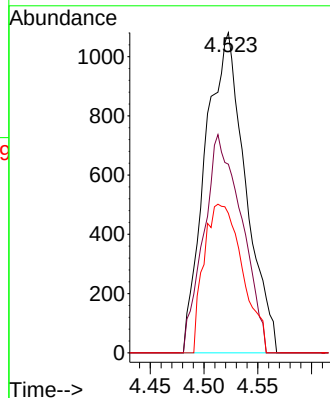
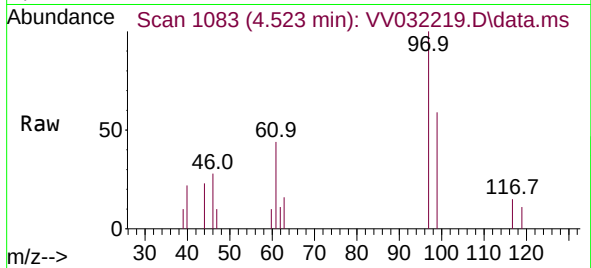
Tgt Ion: 97 Resp: 2817

Ion Ratio Lower Upper

97 100

99 64.5 50.1 75.1

61 44.3 35.1 52.7



#30

Cyclohexane

Concen: 0.183 ug/L

RT: 4.587 min Scan# 1103

Delta R.T. 0.003 min

Lab File: VV032219.D

Acq: 04 Oct 2023 10:38

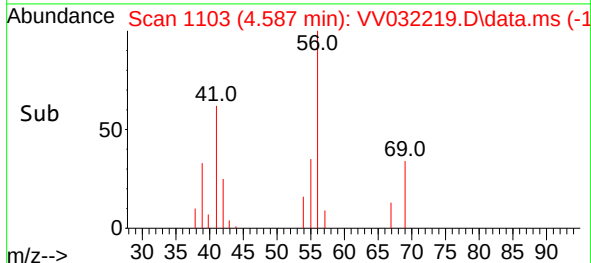
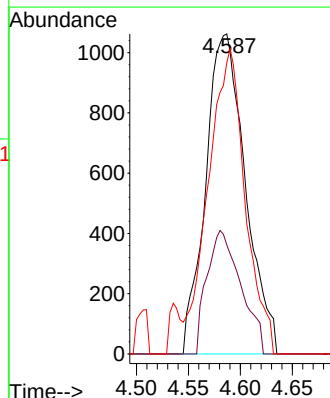
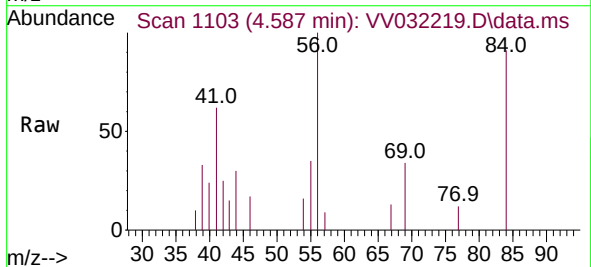
Tgt Ion: 56 Resp: 2830

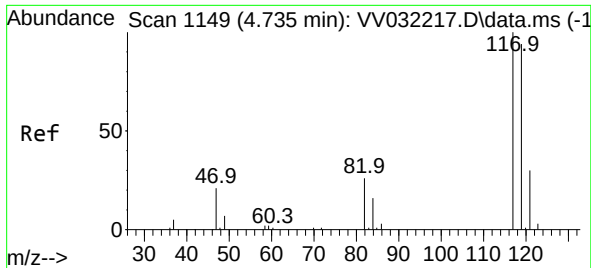
Ion Ratio Lower Upper

56 100

69 32.9 24.2 36.2

84 88.1 68.1 102.1

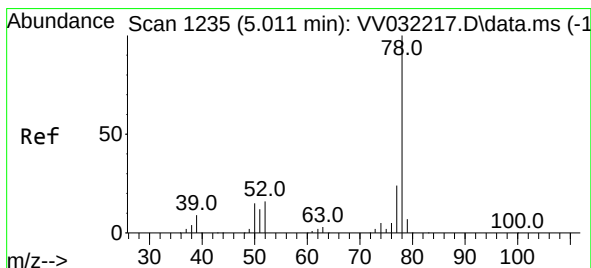
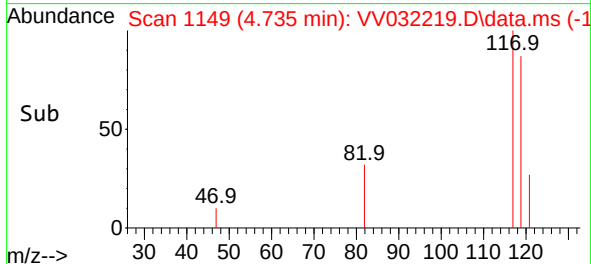
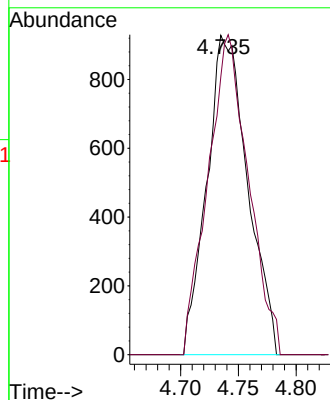
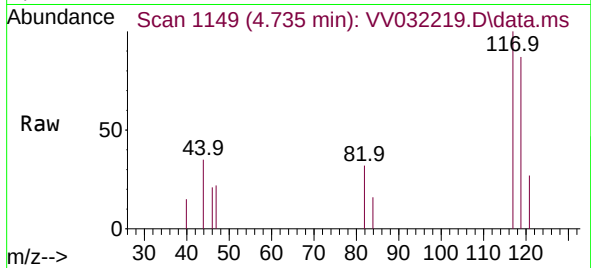




#31
Carbon tetrachloride
Concen: 0.192 ug/L
RT: 4.735 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VV032219.D
Acq: 04 Oct 2023 10:38

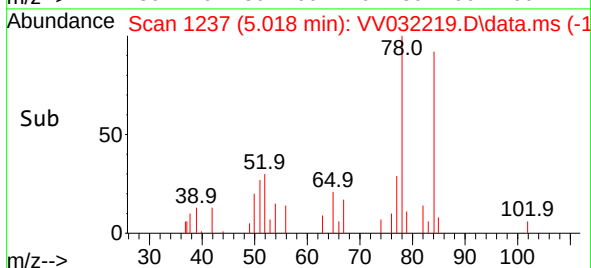
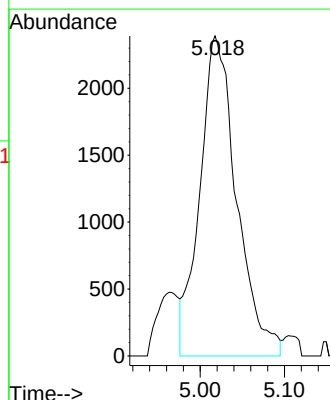
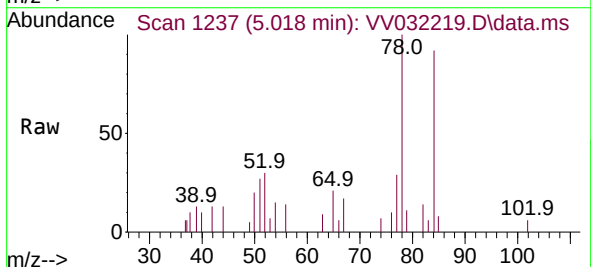
Instrument :
MSVOA_V
ClientSampleId :

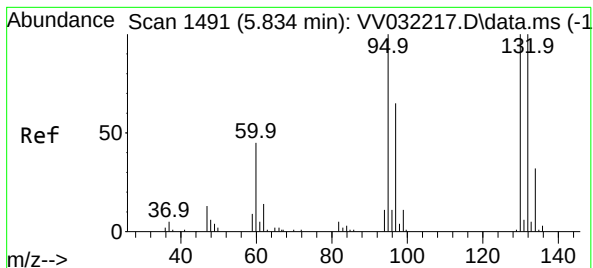
Tgt Ion:117 Resp: 2281
Ion Ratio Lower Upper
117 100
119 99.5 77.6 116.4



#33
Benzene
Concen: 0.200 ug/L
RT: 5.018 min Scan# 1237
Delta R.T. 0.006 min
Lab File: VV032219.D
Acq: 04 Oct 2023 10:38

Tgt Ion: 78 Resp: 7256





#34

Trichloroethene

Concen: 0.185 ug/L

RT: 5.850 min Scan# 1496

Delta R.T. 0.016 min

Lab File: VV032219.D

Acq: 04 Oct 2023 10:38

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 1831

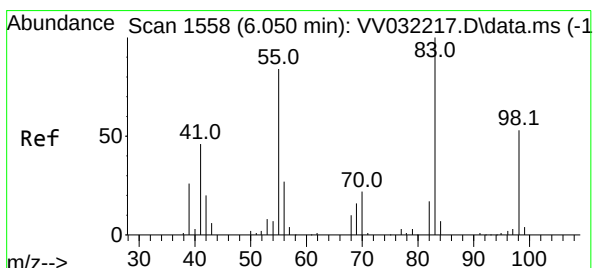
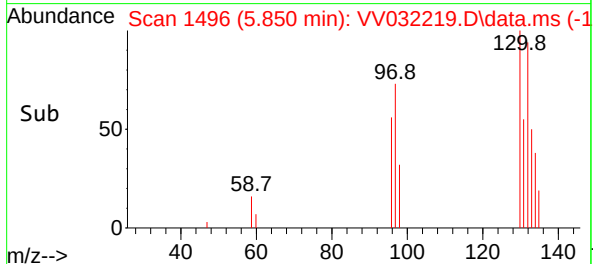
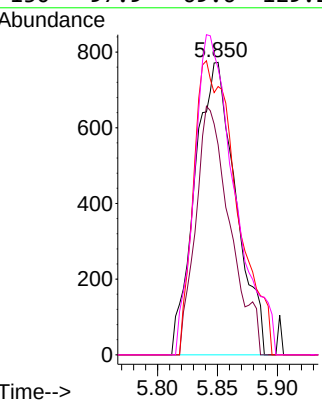
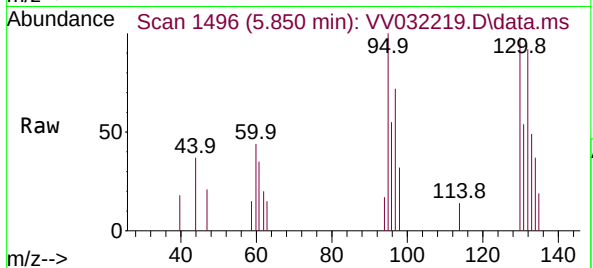
Ion Ratio Lower Upper

95 100

97 71.8 45.7 84.9

132 91.7 70.3 130.5

130 97.9 69.6 129.2



#35

Methylcyclohexane

Concen: 0.228 ug/L

RT: 6.053 min Scan# 1559

Delta R.T. 0.003 min

Lab File: VV032219.D

Acq: 04 Oct 2023 10:38

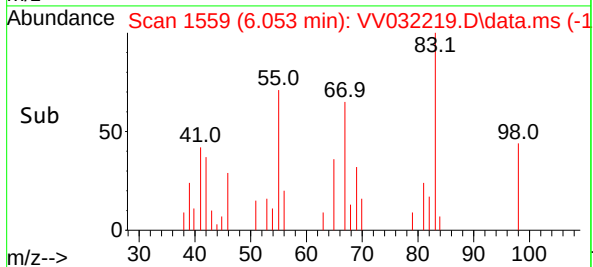
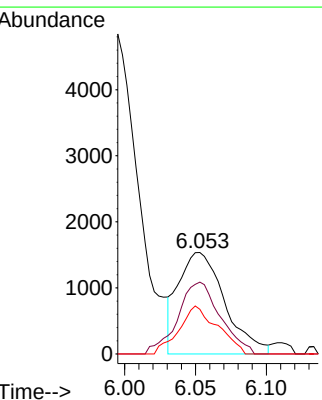
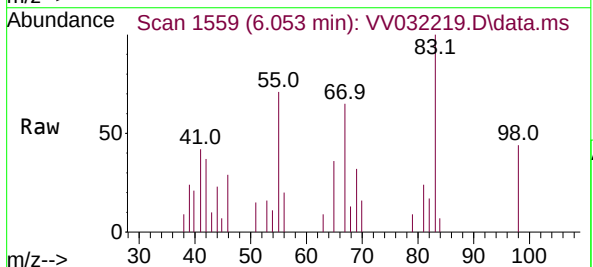
Tgt Ion: 83 Resp: 3498

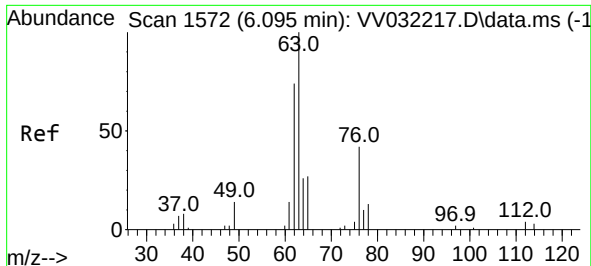
Ion Ratio Lower Upper

83 100

55 64.9 64.2 96.2

98 39.1 39.6 59.4#





#37

1,2-Dichloropropane

Concen: 0.174 ug/L

RT: 6.104 min Scan# 1

Delta R.T. 0.010 min

Lab File: VV032219.D

Acq: 04 Oct 2023 10:38

Instrument :

MSVOA_V

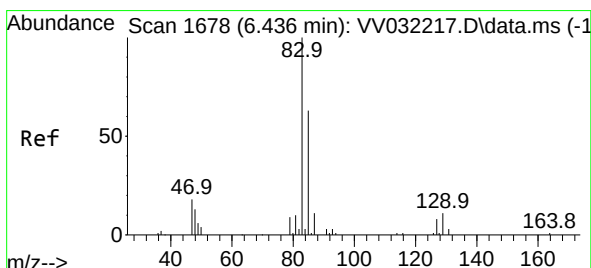
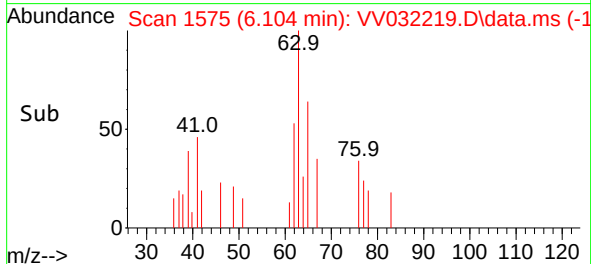
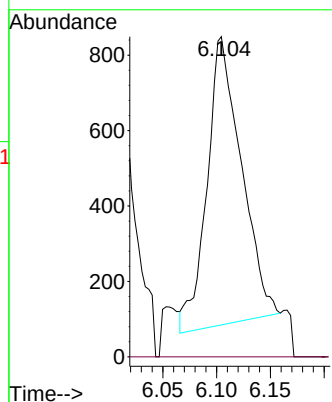
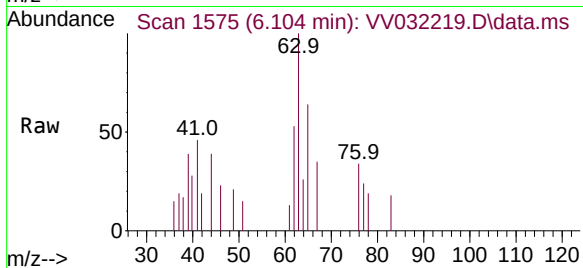
ClientSampleId :

Tgt Ion: 63 Resp: 1695

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#38

Bromodichloromethane

Concen: 0.171 ug/L

RT: 6.448 min Scan# 1682

Delta R.T. 0.013 min

Lab File: VV032219.D

Acq: 04 Oct 2023 10:38

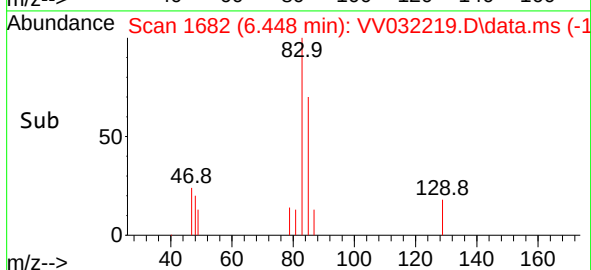
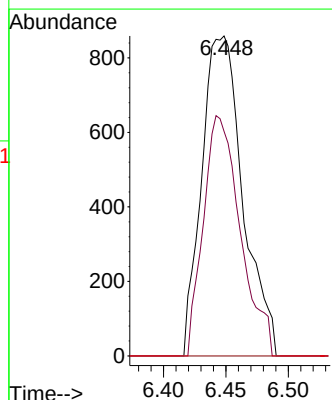
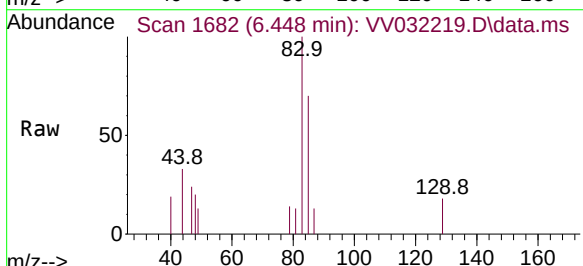
Tgt Ion: 83 Resp: 1975

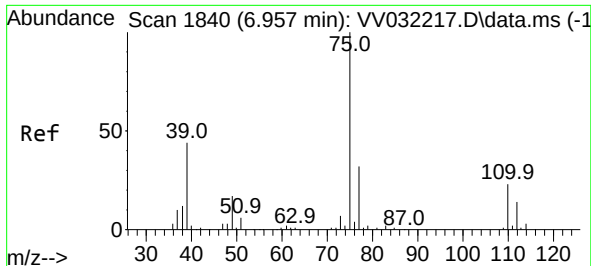
Ion Ratio Lower Upper

83 100

85 70.2 44.9 83.3

127 0.0 6.9 10.3#





#39

cis-1,3-Dichloropropene

Concen: 0.147 ug/L

RT: 6.969 min Scan# 11

Delta R.T. 0.013 min

Lab File: VV032219.D

Acq: 04 Oct 2023 10:38

Instrument :

MSVOA_V

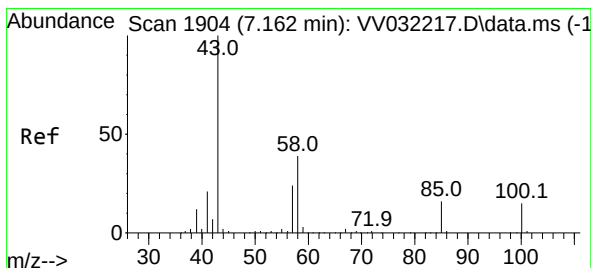
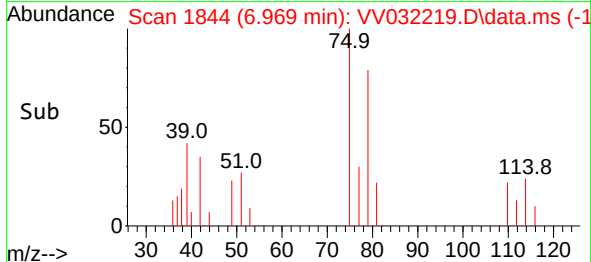
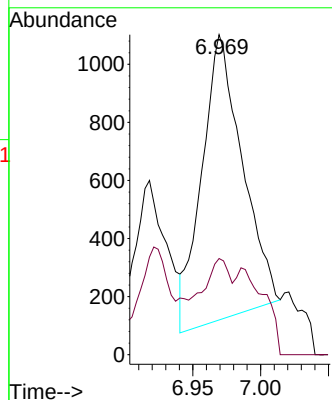
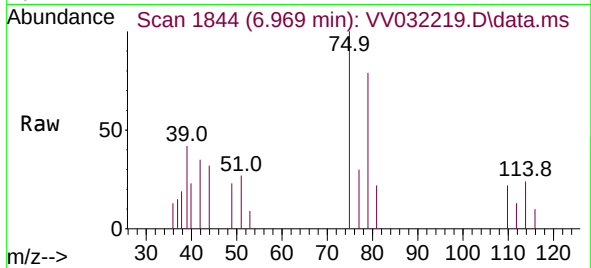
ClientSampleId :

Tgt Ion: 75 Resp: 2035

Ion Ratio Lower Upper

75 100

77 30.0 22.2 41.2



#40

4-Methyl-2-pentanone

Concen: 1.430 ug/L

RT: 7.175 min Scan# 1908

Delta R.T. 0.013 min

Lab File: VV032219.D

Acq: 04 Oct 2023 10:38

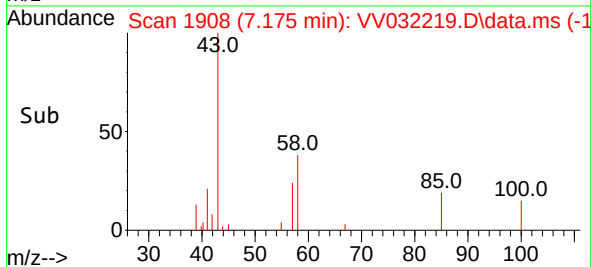
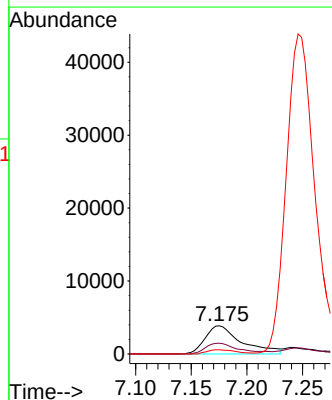
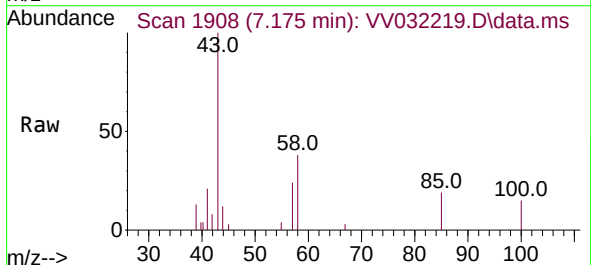
Tgt Ion: 43 Resp: 8797

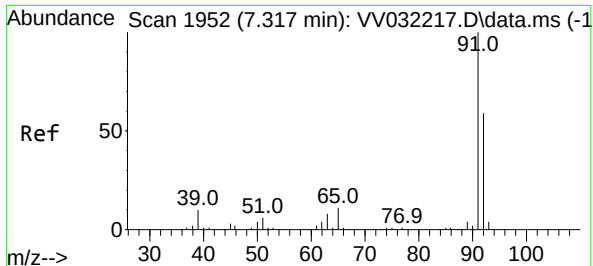
Ion Ratio Lower Upper

43 100

58 36.0 31.9 47.9

100 0.0 11.3 16.9#





#42

Toluene

Concen: 0.186 ug/L

RT: 7.326 min Scan# 1952

Delta R.T. 0.010 min

Lab File: VV032219.D

Acq: 04 Oct 2023 10:38

Instrument :

MSVOA_V

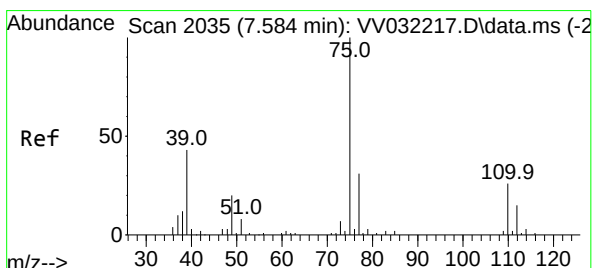
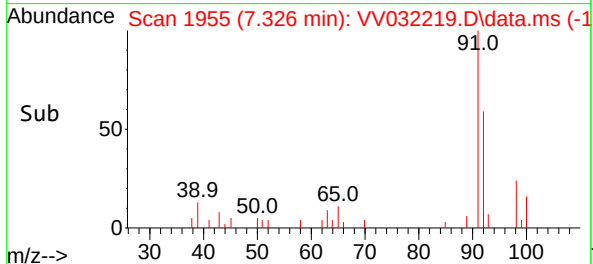
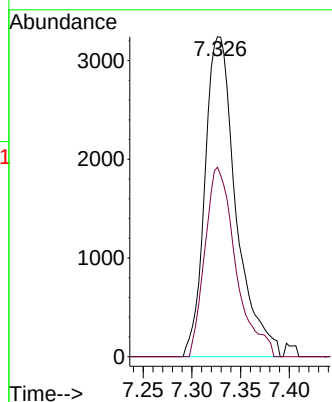
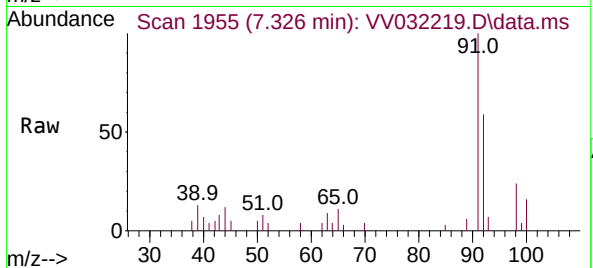
ClientSampleId :

Tgt Ion: 91 Resp: 7210

Ion Ratio Lower Upper

91 100

92 59.2 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 0.157 ug/L

RT: 7.596 min Scan# 2039

Delta R.T. 0.013 min

Lab File: VV032219.D

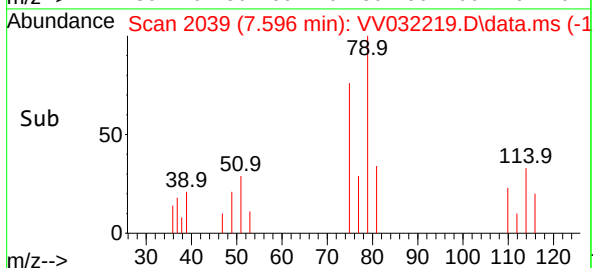
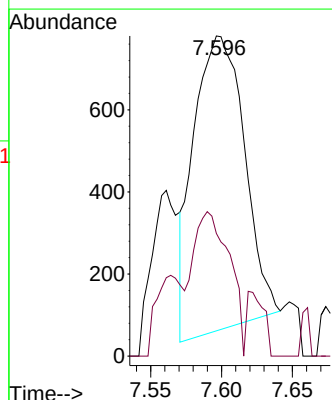
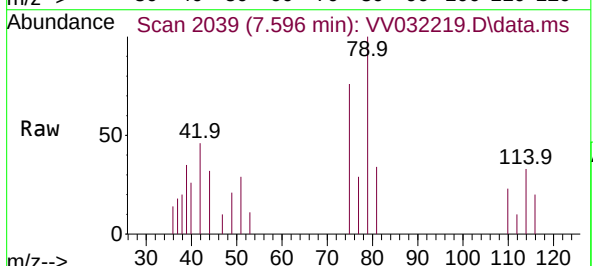
Acq: 04 Oct 2023 10:38

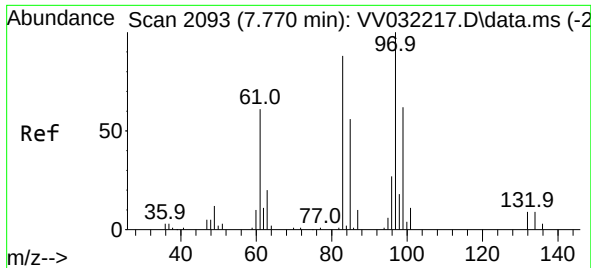
Tgt Ion: 75 Resp: 1782

Ion Ratio Lower Upper

75 100

77 38.3 22.5 41.7



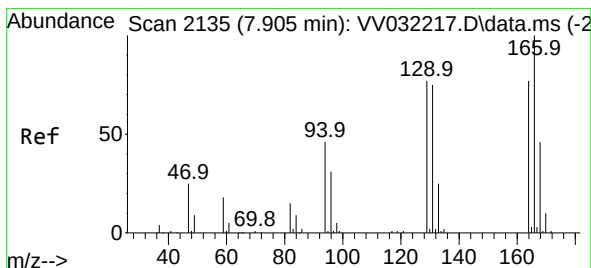
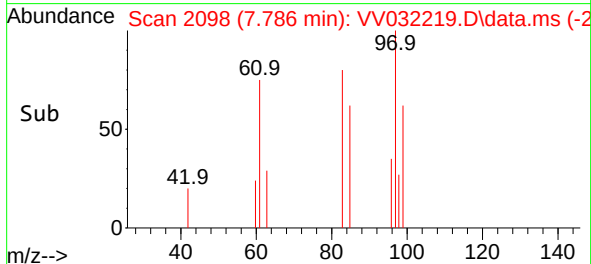
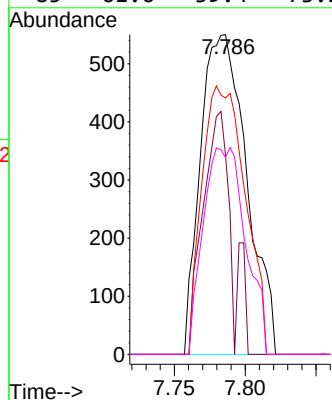
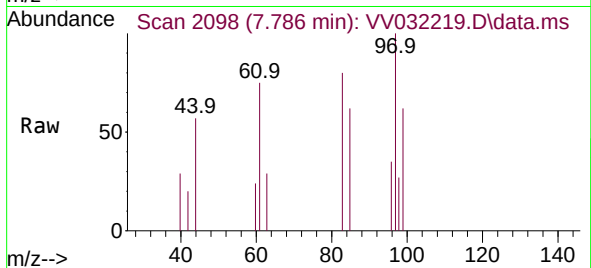


#45
1,1,2-Trichloroethane
Concen: 0.182 ug/L
RT: 7.786 min Scan# 2093
Delta R.T. 0.016 min
Lab File: VV032219.D
Acq: 04 Oct 2023 10:38

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 1249

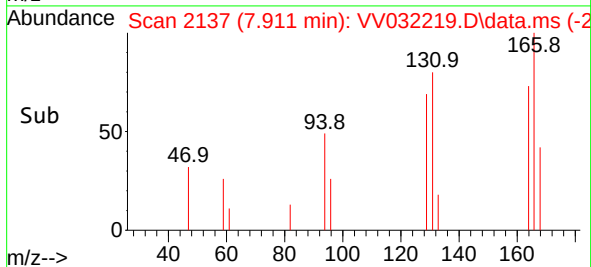
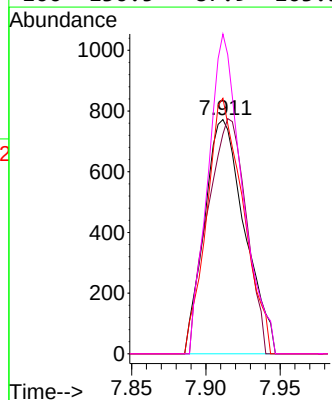
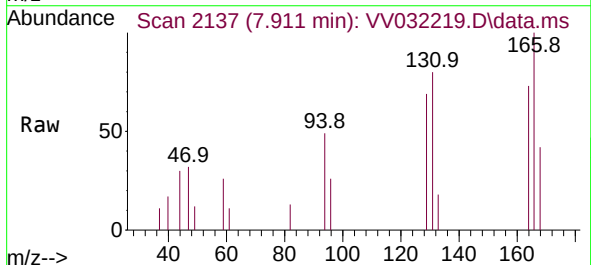
Ion	Ratio	Lower	Upper
97	100		
99	62.4	42.8	79.4
83	80.2	60.9	113.1
85	61.6	39.4	73.2

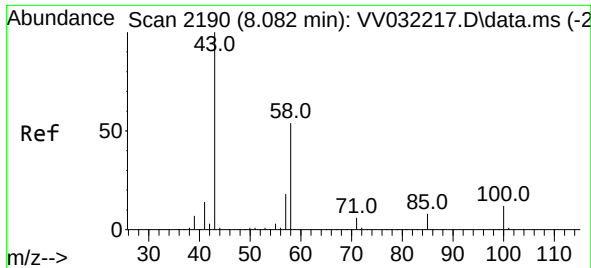


#47
Tetrachloroethene
Concen: 0.193 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. 0.006 min
Lab File: VV032219.D
Acq: 04 Oct 2023 10:38

Tgt Ion: 164 Resp: 1454

Ion	Ratio	Lower	Upper
164	100		
129	93.8	66.4	123.4
131	109.1	63.7	118.3
166	136.5	87.9	163.3

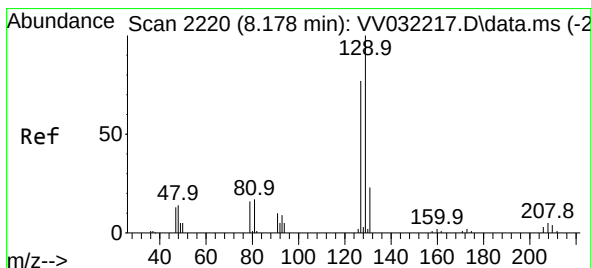
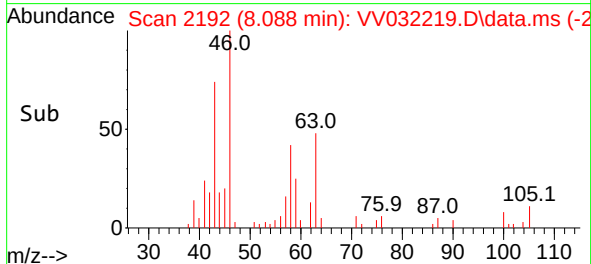
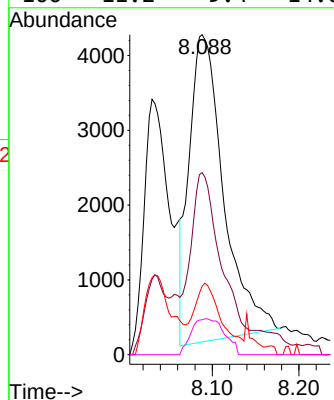
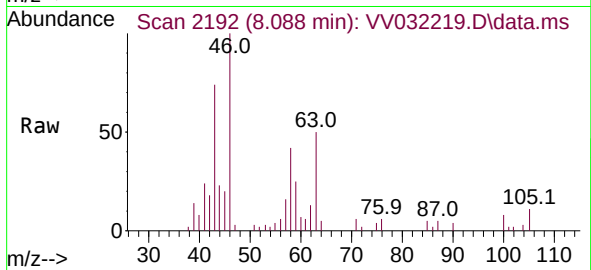




#48
2-Hexanone
Concen: 2.627 ug/L
RT: 8.088 min Scan# 2190
Delta R.T. 0.006 min
Lab File: VV032219.D
Acq: 04 Oct 2023 10:38

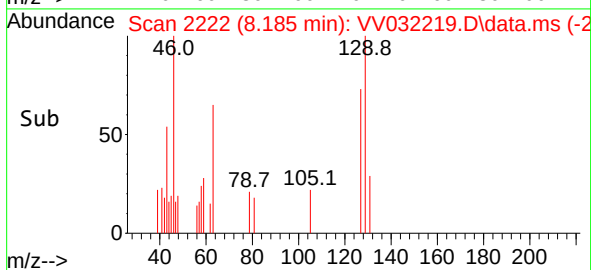
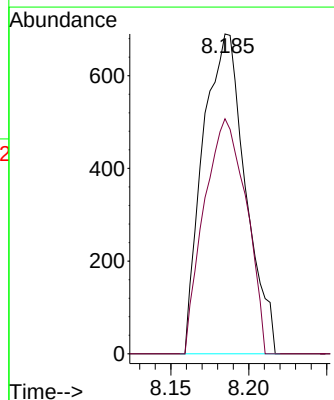
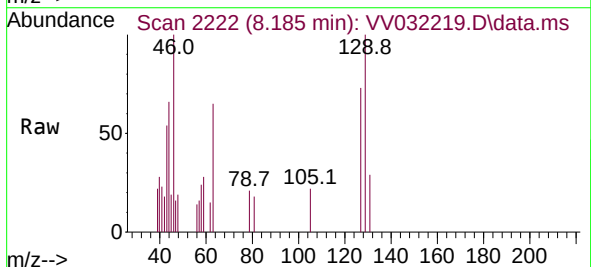
Instrument :
MSVOA_V
ClientSampleId :

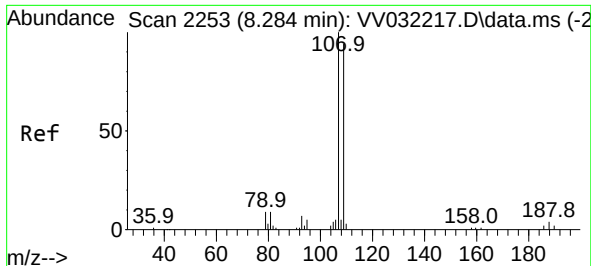
Tgt Ion: 43	Resp: 11402
Ion Ratio	Lower Upper
43 100	
58 55.4	43.6 65.4
57 18.6	14.6 22.0
100 11.2	9.4 14.0



#49
Dibromochloromethane
Concen: 0.183 ug/L
RT: 8.185 min Scan# 2222
Delta R.T. 0.006 min
Lab File: VV032219.D
Acq: 04 Oct 2023 10:38

Tgt Ion:129	Resp:	1309	
Ion	Ratio	Lower	Upper
129	100		
127	73.5	57.2	106.2





#50

1,2-Dibromoethane

Concen: 0.175 ug/L

RT: 8.294 min Scan# 21

Delta R.T. 0.010 min

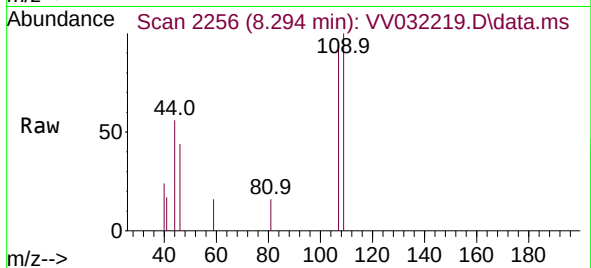
Lab File: VV032219.D

Acq: 04 Oct 2023 10:38

Instrument :

MSVOA_V

ClientSampleId :



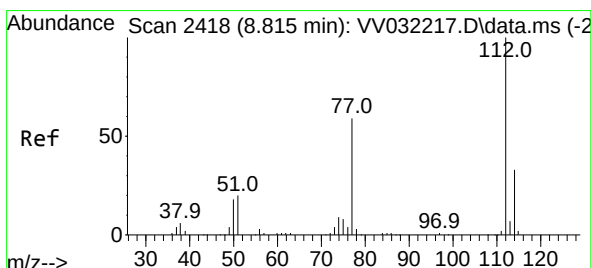
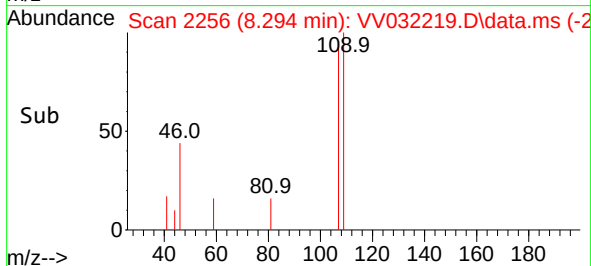
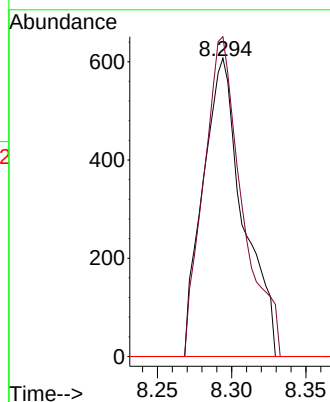
Tgt Ion:107 Resp: 1138

Ion Ratio Lower Upper

107 100

109 107.2 68.4 127.0

188 0.0 3.2 4.8#



#51

Chlorobenzene

Concen: 0.199 ug/L

RT: 8.821 min Scan# 2420

Delta R.T. 0.006 min

Lab File: VV032219.D

Acq: 04 Oct 2023 10:38

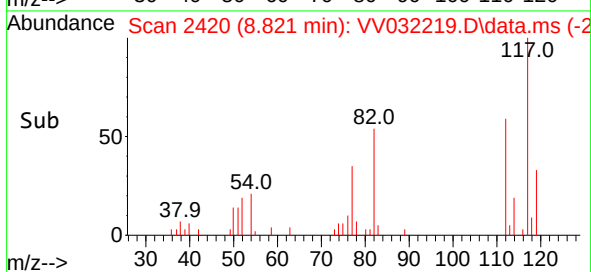
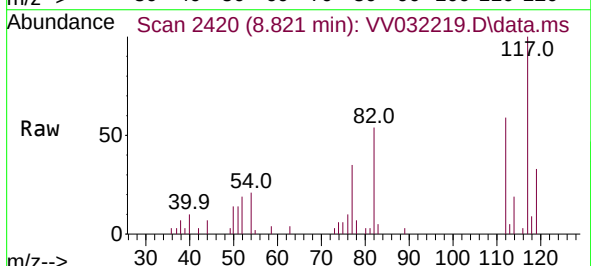
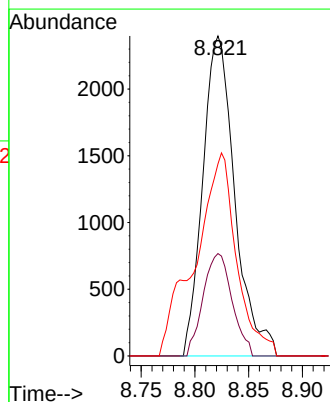
Tgt Ion:112 Resp: 4970

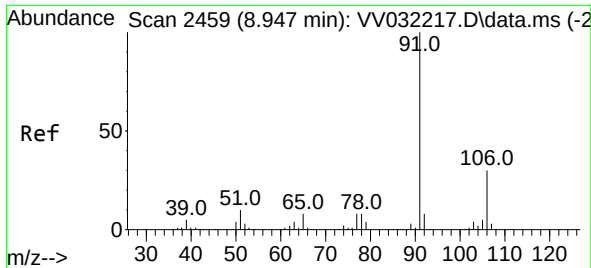
Ion Ratio Lower Upper

112 100

114 32.0 22.1 41.1

77 60.0 46.1 69.1

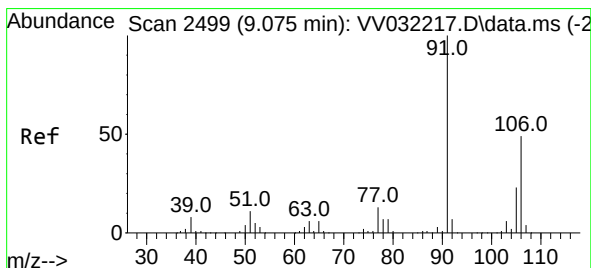
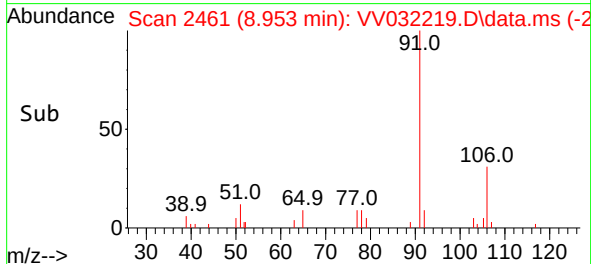
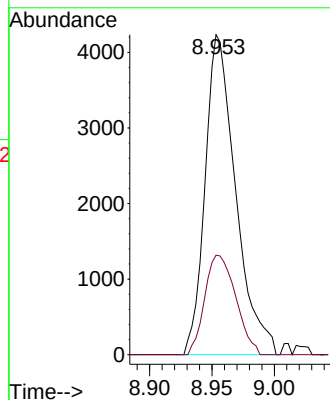
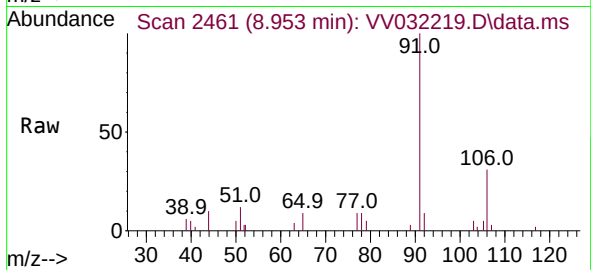




#52
Ethylbenzene
Concen: 0.167 ug/L
RT: 8.953 min Scan# 2459
Delta R.T. 0.006 min
Lab File: VV032219.D
Acq: 04 Oct 2023 10:38

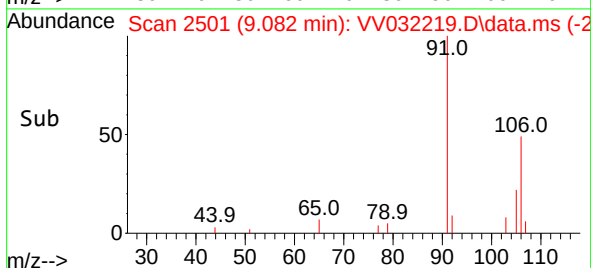
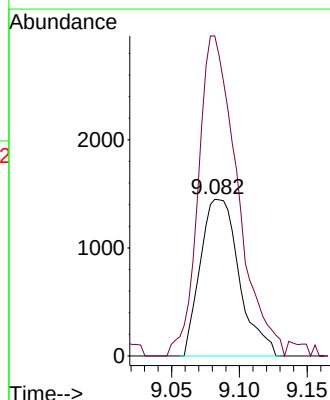
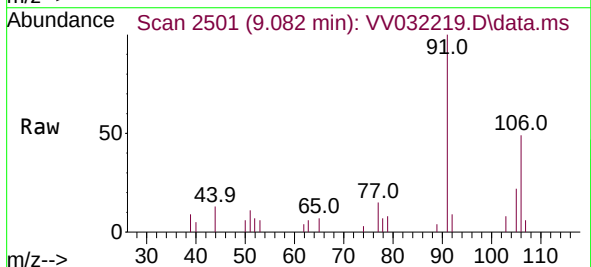
Instrument :
MSVOA_V
ClientSampleId :

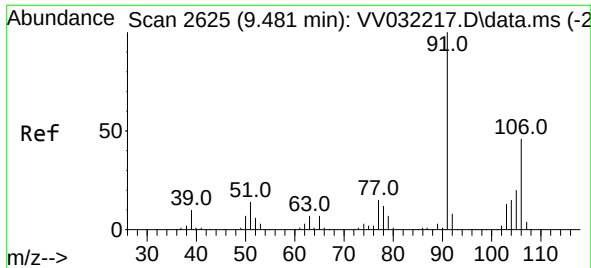
Tgt Ion: 91 Resp: 7222
Ion Ratio Lower Upper
91 100
106 31.1 21.3 39.5



#53
m,p-Xylene
Concen: 0.181 ug/L
RT: 9.082 min Scan# 2501
Delta R.T. 0.006 min
Lab File: VV032219.D
Acq: 04 Oct 2023 10:38

Tgt Ion: 106 Resp: 2892
Ion Ratio Lower Upper
106 100
91 204.2 144.5 268.3

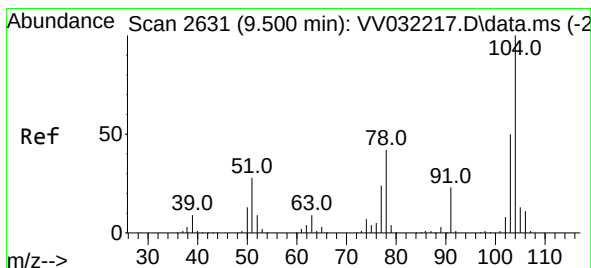
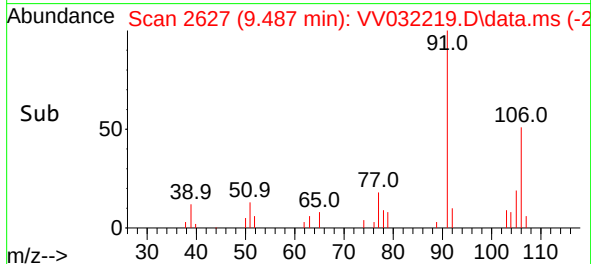
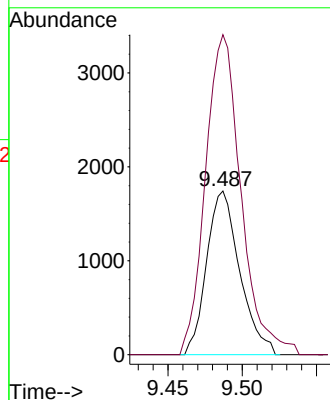
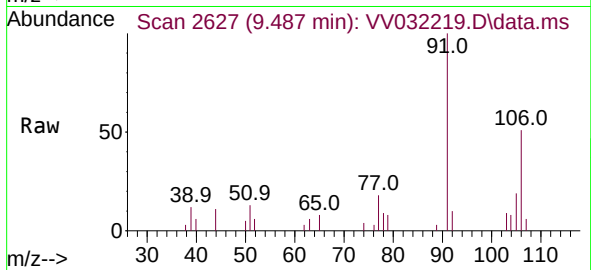




#54
o-Xylene
Concen: 0.175 ug/L
RT: 9.487 min Scan# 2625
Delta R.T. 0.006 min
Lab File: VV032219.D
Acq: 04 Oct 2023 10:38

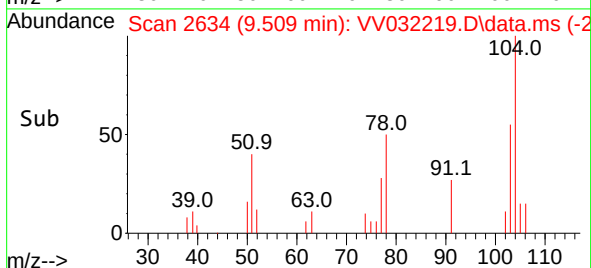
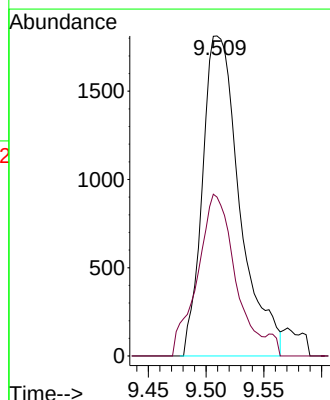
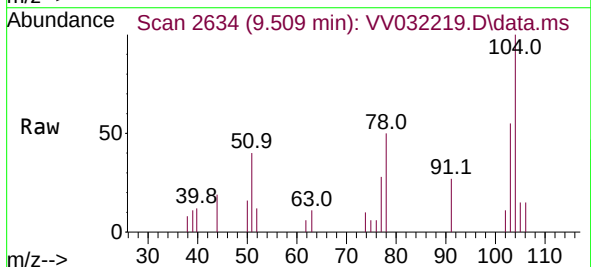
Instrument :
MSVOA_V
ClientSampleId :

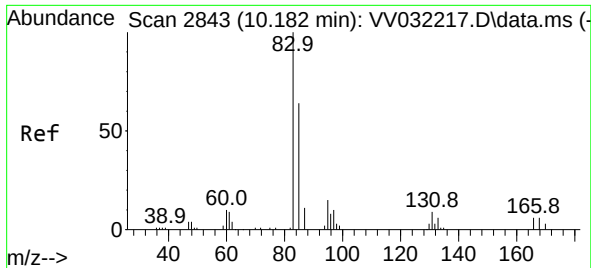
Tgt Ion:106 Resp: 2702
Ion Ratio Lower Upper
106 100
91 195.5 154.8 287.4



#55
Styrene
Concen: 0.156 ug/L
RT: 9.509 min Scan# 2634
Delta R.T. 0.010 min
Lab File: VV032219.D
Acq: 04 Oct 2023 10:38

Tgt Ion:104 Resp: 4071
Ion Ratio Lower Upper
104 100
78 49.6 29.9 55.5





#57

1,1,2,2-Tetrachloroethane

Concen: 0.213 ug/L

RT: 10.181 min Scan# 2843

Delta R.T. -0.000 min

Lab File: VV032219.D

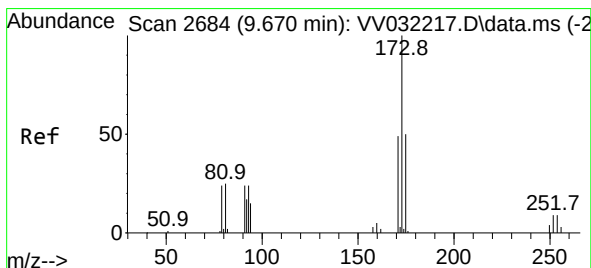
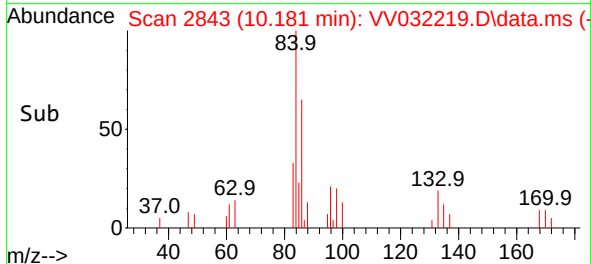
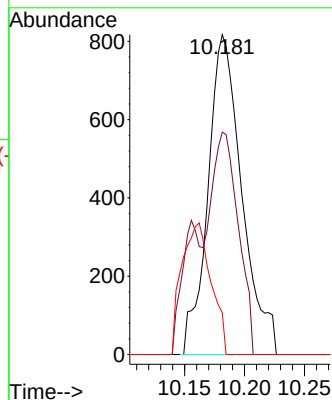
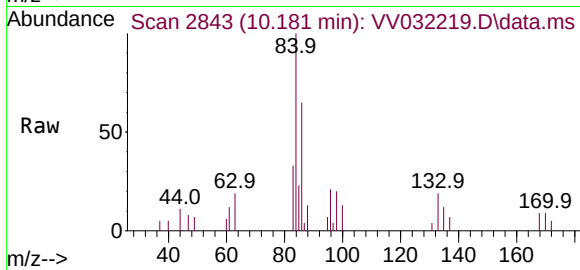
Acq: 04 Oct 2023 10:38

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	1606
Ion	Ratio	Lower	Upper
83	100		
85	69.5	43.6	81.0
131	13.1	7.0	10.6#



#59

Bromoform

Concen: 0.171 ug/L

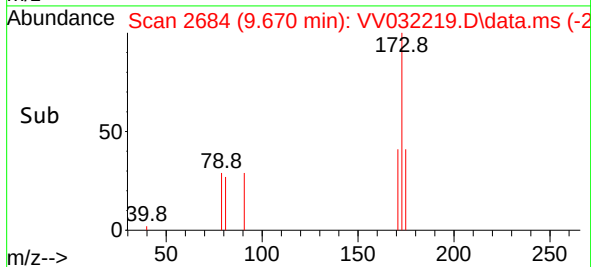
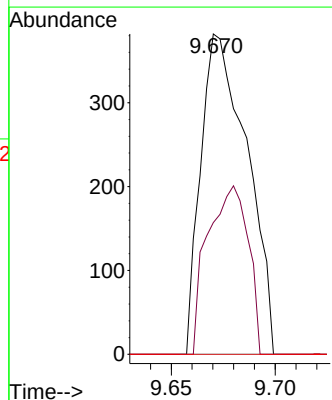
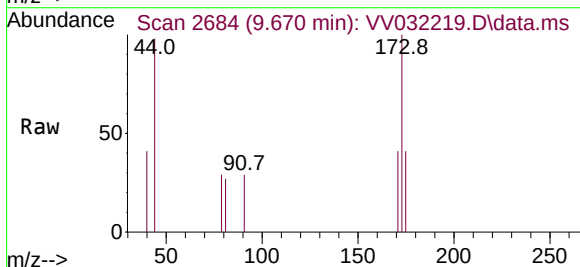
RT: 9.670 min Scan# 2684

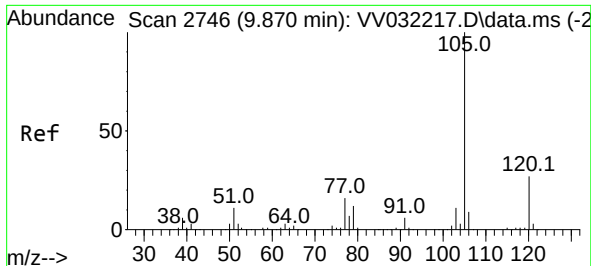
Delta R.T. -0.000 min

Lab File: VV032219.D

Acq: 04 Oct 2023 10:38

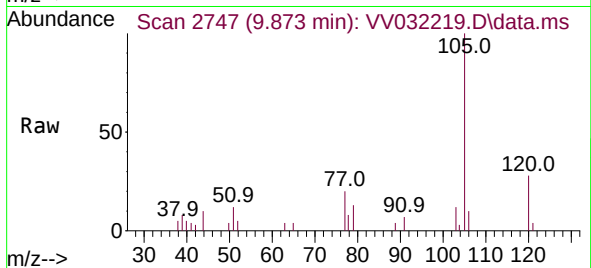
Tgt Ion:	173	Resp:	589
Ion	Ratio	Lower	Upper
173	100		
175	46.2	38.2	57.2
254	0.0	7.0	10.4#



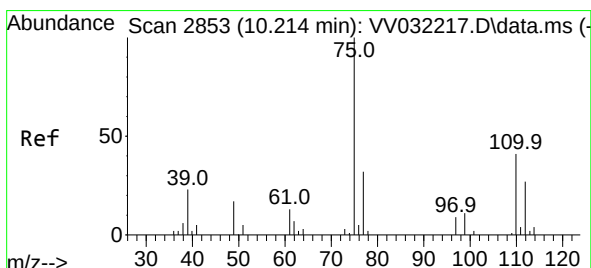
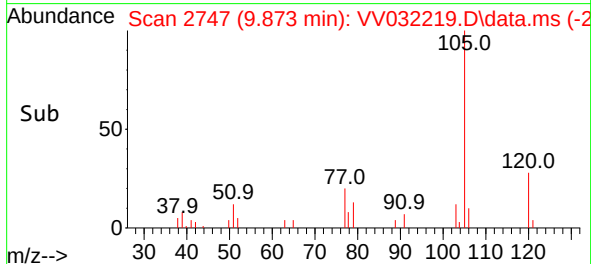
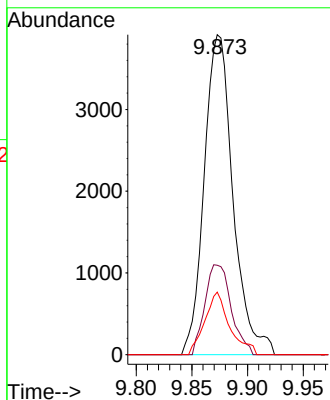


#60
Isopropylbenzene
Concen: 0.191 ug/L
RT: 9.873 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV032219.D
Acq: 04 Oct 2023 10:38

Instrument :
MSVOA_V
ClientSampleId :

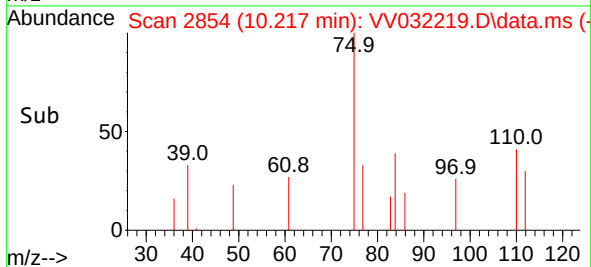
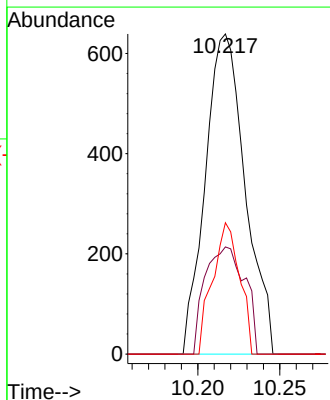
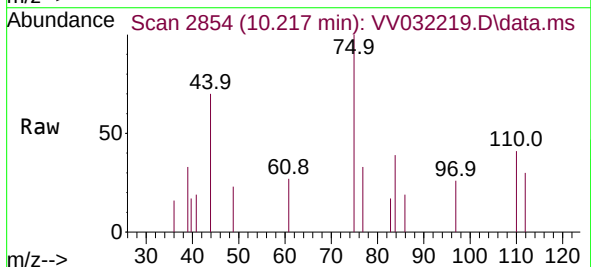


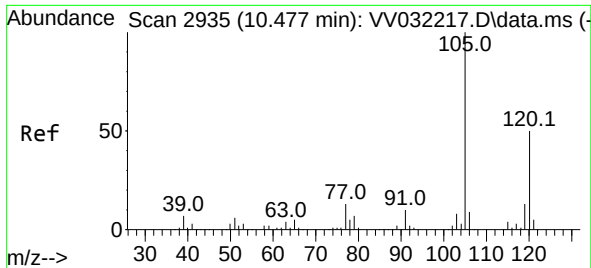
Tgt Ion:105 Resp: 7058
Ion Ratio Lower Upper
105 100
120 25.6 21.0 31.6
77 16.8 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 0.213 ug/L
RT: 10.217 min Scan# 2854
Delta R.T. 0.003 min
Lab File: VV032219.D
Acq: 04 Oct 2023 10:38

Tgt Ion: 75 Resp: 1079
Ion Ratio Lower Upper
75 100
77 33.2 26.2 39.2
110 27.8 30.6 46.0#

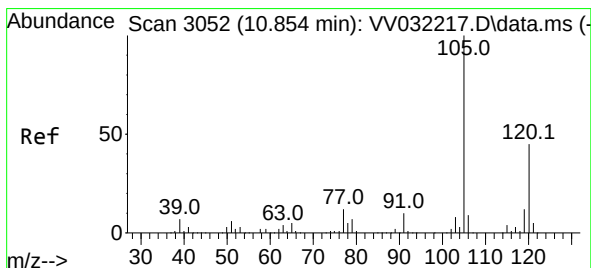
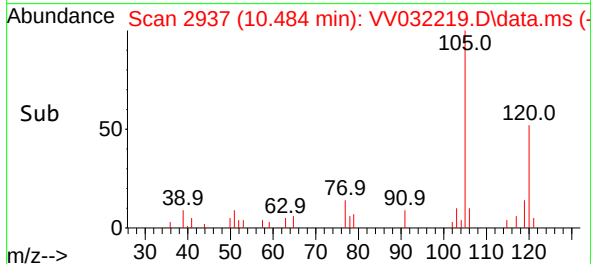
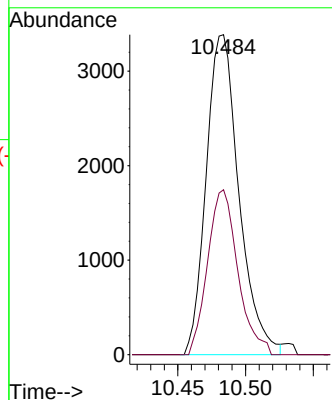
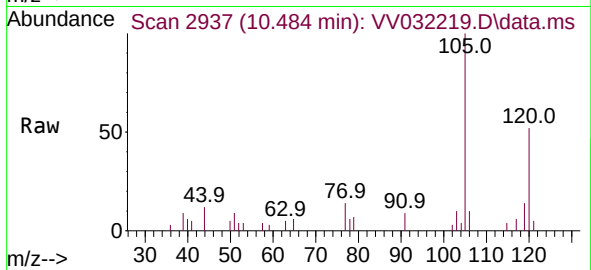




#62
1,3,5-Trimethylbenzene
Concen: 0.189 ug/L
RT: 10.484 min Scan# 2937
Delta R.T. 0.006 min
Lab File: VV032219.D
Acq: 04 Oct 2023 10:38

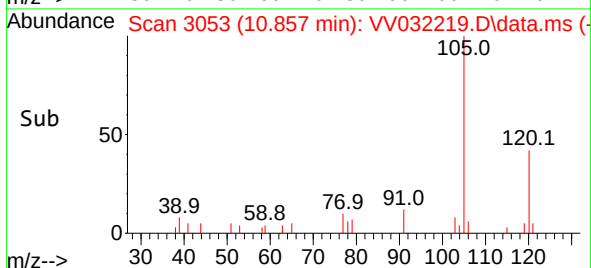
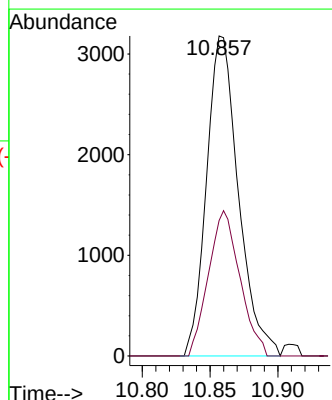
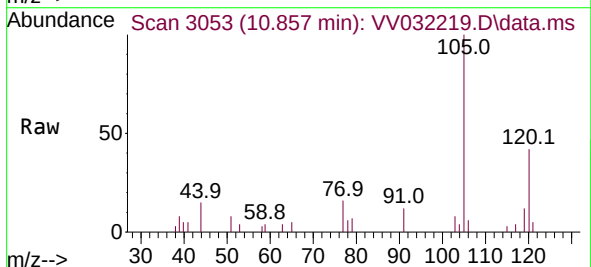
Instrument :
MSVOA_V
ClientSampleId :

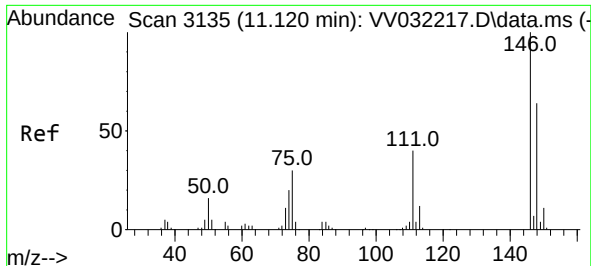
Tgt Ion:105 Resp: 5693
Ion Ratio Lower Upper
105 100
120 47.6 39.9 59.9



#63
1,2,4-Trimethylbenzene
Concen: 0.174 ug/L
RT: 10.857 min Scan# 3053
Delta R.T. 0.003 min
Lab File: VV032219.D
Acq: 04 Oct 2023 10:38

Tgt Ion:105 Resp: 5196
Ion Ratio Lower Upper
105 100
120 44.7 36.2 54.4

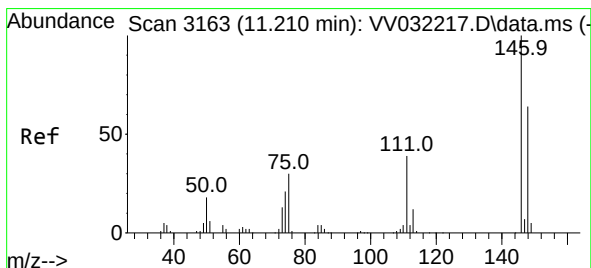
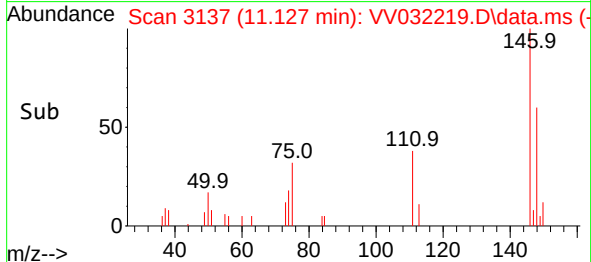
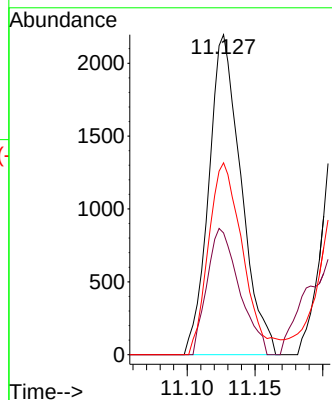
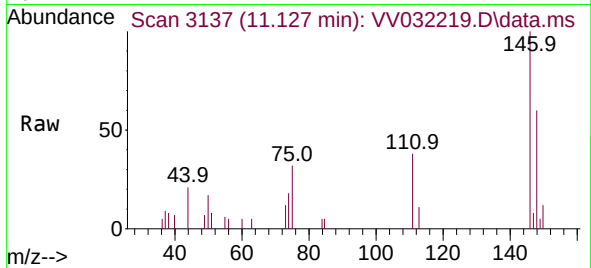




#64
1,3-Dichlorobenzene
Concen: 0.207 ug/L
RT: 11.127 min Scan# 3135
Delta R.T. 0.006 min
Lab File: VV032219.D
Acq: 04 Oct 2023 10:38

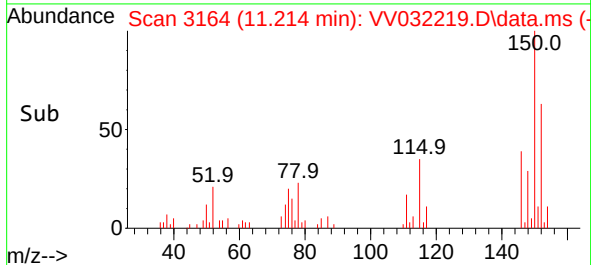
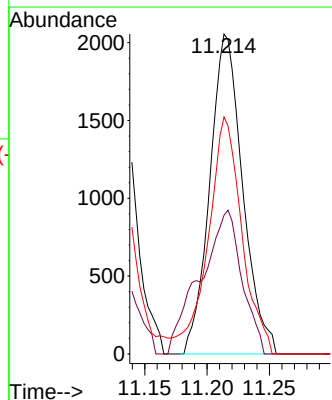
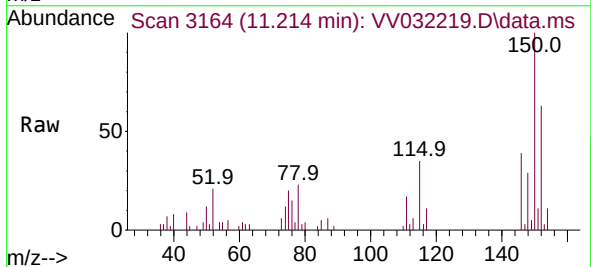
Instrument :
MSVOA_V
ClientSampleId :

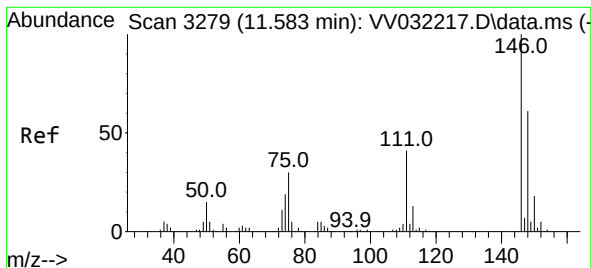
Tgt Ion:146 Resp: 3641
Ion Ratio Lower Upper
146 100
111 38.0 27.8 51.6
148 59.9 43.7 81.1



#65
1,4-Dichlorobenzene
Concen: 0.213 ug/L
RT: 11.214 min Scan# 3164
Delta R.T. 0.003 min
Lab File: VV032219.D
Acq: 04 Oct 2023 10:38

Tgt Ion:146 Resp: 3768
Ion Ratio Lower Upper
146 100
111 43.3 26.9 49.9
148 74.0 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 0.222 ug/L

RT: 11.583 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV032219.D

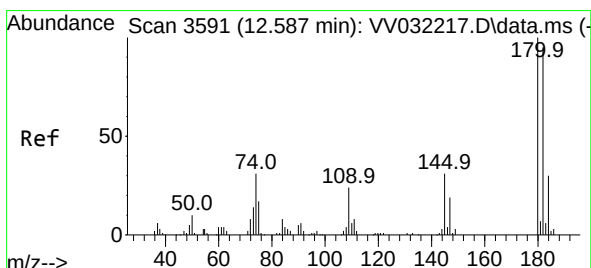
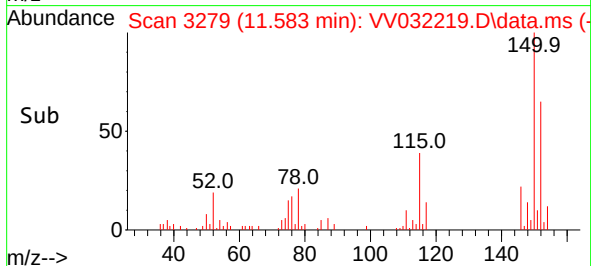
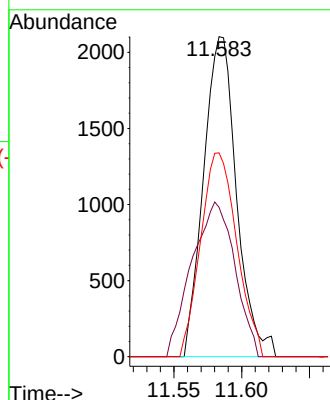
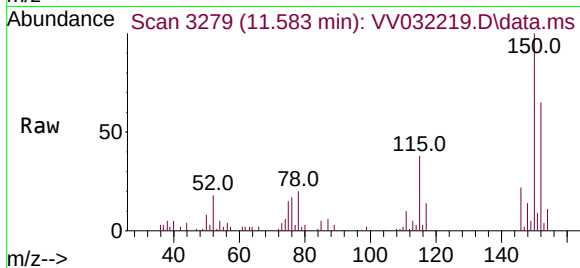
Acq: 04 Oct 2023 10:38

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:146	Resp:	3562
Ion	Ratio	Lower Upper
146	100	
111	46.6	32.8 49.2
148	63.7	51.0 76.4



#69

1,3,5-Trichlorobenzene

Concen: 0.203 ug/L

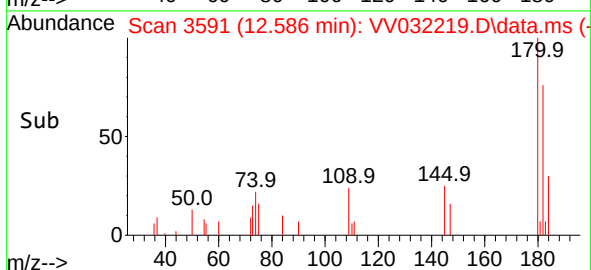
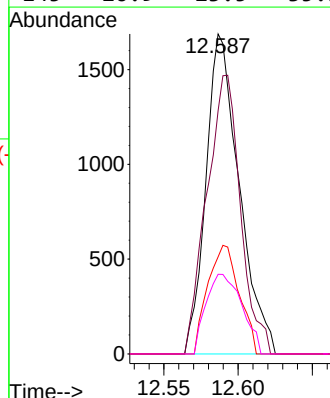
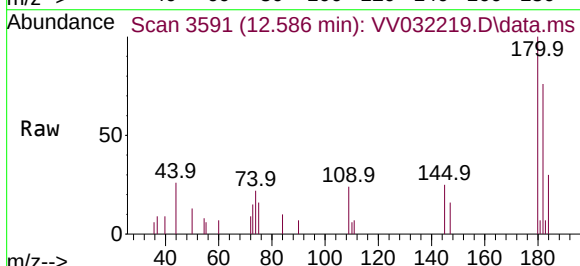
RT: 12.586 min Scan# 3591

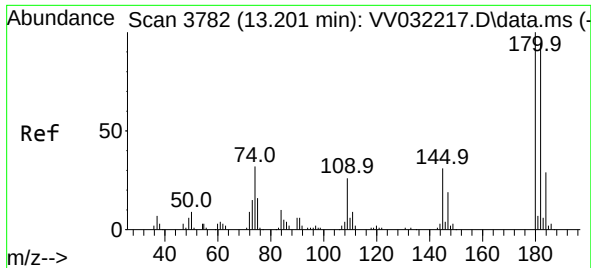
Delta R.T. -0.000 min

Lab File: VV032219.D

Acq: 04 Oct 2023 10:38

Tgt Ion:180	Resp:	2623
Ion	Ratio	Lower Upper
180	100	
182	88.6	74.6 112.0
184	32.2	24.1 36.1
145	26.9	23.5 35.3

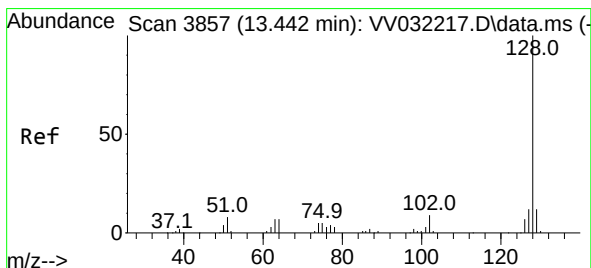
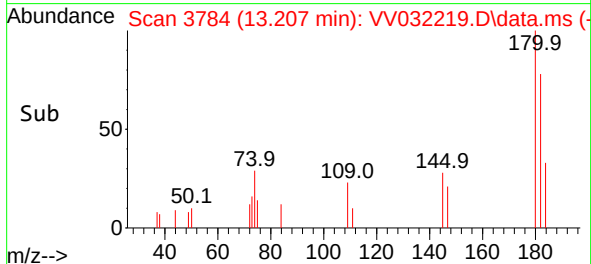
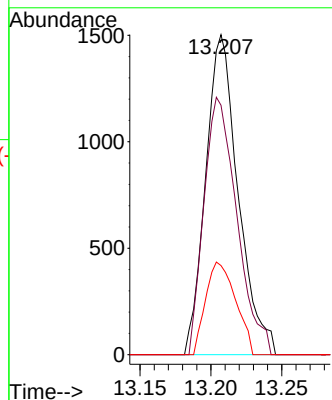
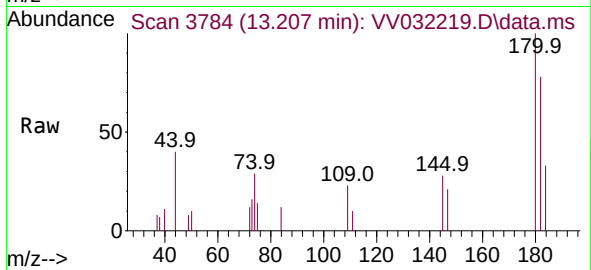




#70
1,2,4-trichlorobenzene
Concen: 0.209 ug/L
RT: 13.207 min Scan# 31
Delta R.T. 0.006 min
Lab File: VV032219.D
Acq: 04 Oct 2023 10:38

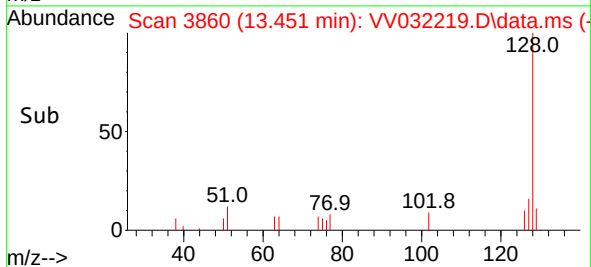
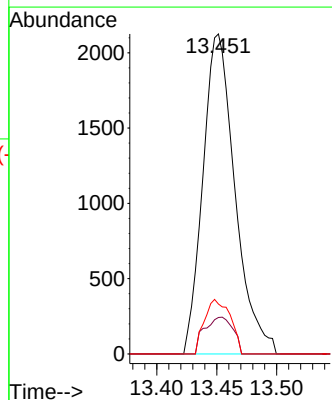
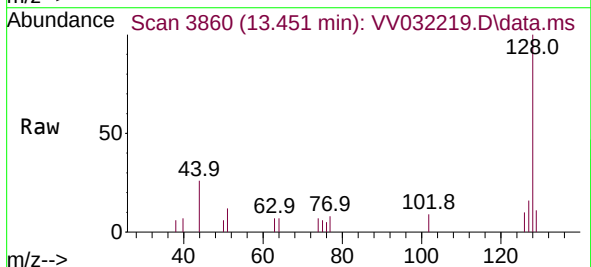
Instrument :
MSVOA_V
ClientSampleId :

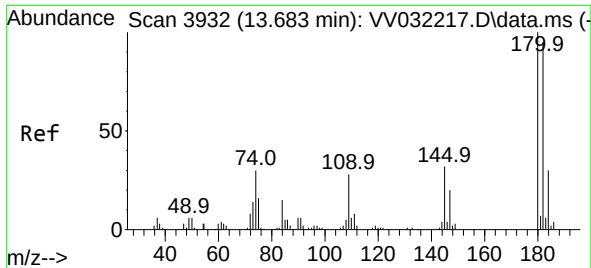
Tgt Ion:180 Resp: 2396
Ion Ratio Lower Upper
180 100
182 81.5 76.5 114.7
145 26.7 24.3 36.5



#71
Naphthalene
Concen: 0.204 ug/L
RT: 13.451 min Scan# 3860
Delta R.T. 0.010 min
Lab File: VV032219.D
Acq: 04 Oct 2023 10:38

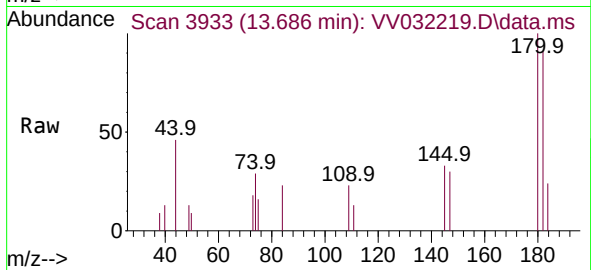
Tgt Ion:128 Resp: 3959
Ion Ratio Lower Upper
128 100
129 10.2 9.0 13.4
127 13.7 10.2 15.2





#72
 1,2,3-Trichlorobenzene
 Concen: 0.189 ug/L
 RT: 13.686 min Scan# 3933
 Delta R.T. 0.003 min
 Lab File: VV032219.D
 Acq: 04 Oct 2023 10:38

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	180	Resp:	1866
Ion	Ratio	Lower	Upper
180	100		
182	95.6	77.0	115.4
145	32.9	25.7	38.5

