

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV051524\
 Data File : VV035609.D
 Acq On : 14 May 2024 14:57
 Operator : SY/MD
 Sample : P2409-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 15 02:39:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR051424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 15 02:29:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	224085	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	234374	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	103003	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	62323	4.385	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.600%
7) Chloroethane-d5	1.532	69	60869	4.730	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.600%
11) 1,1-Dichloroethene-d2	2.056	65	27990	4.433	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.600%
20) 2-Butanone-d5	3.841	46	142321	42.965	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.920%
24) Chloroform-d	4.246	84	141086	4.678	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
26) 1,2-Dichloroethane-d4	4.941	65	70702	5.112	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.200%
32) Benzene-d6	4.957	84	253215	4.714	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
36) 1,2-Dichloropropane-d6	5.985	67	85428	5.018	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.400%
41) Toluene-d8	7.243	98	202415	4.273	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.400%
43) trans-1,3-Dichloroprop...	7.558	79	28185	4.759	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.200%
46) 2-Hexanone-d5	8.027	63	115358	43.059	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.120%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	61609	4.467	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.400%
66) 1,2-Dichlorobenzene-d4	11.561	152	82407	5.173	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	3905	0.217	ug/L	94
5) Vinyl chloride	1.281	62	4556	0.224	ug/L #	72
6) Bromomethane	1.487	94	3367	0.245	ug/L	92
8) Chloroethane	1.545	64	3005	0.228	ug/L	98
9) Trichlorofluoromethane	1.712	101	5758	0.219	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	4366	0.264	ug/L	90
12) 1,1-Dichloroethene	2.066	96	4115	0.261	ug/L #	1
14) Carbon disulfide	2.236	76	9762	0.222	ug/L	99
16) Methylene chloride	2.445	84	21516	0.968	ug/L	95
17) Methyl tert-butyl Ether	2.709	73	7038	0.193	ug/L	96
18) trans-1,2-Dichloroethene	2.696	96	3484	0.213	ug/L	96
19) 1,1-Dichloroethane	3.111	63	6997	0.214	ug/L	97
22) cis-1,2-Dichloroethene	3.822	96	3349	0.194	ug/L	94
23) Bromochloromethane	4.162	128	1667	0.199	ug/L #	87
25) Chloroform	4.272	83	9314	0.273	ug/L	92
27) 1,2-Dichloroethane	5.063	62	3938	0.208	ug/L	96
29) 1,1,1-Trichloroethane	4.506	97	5849	0.206	ug/L	99
30) Cyclohexane	4.574	56	3924	0.191	ug/L	92
31) Carbon tetrachloride	4.728	117	4944	0.200	ug/L	99

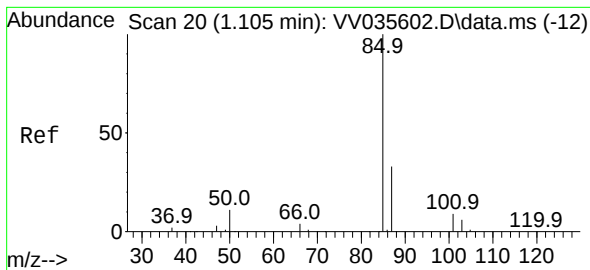
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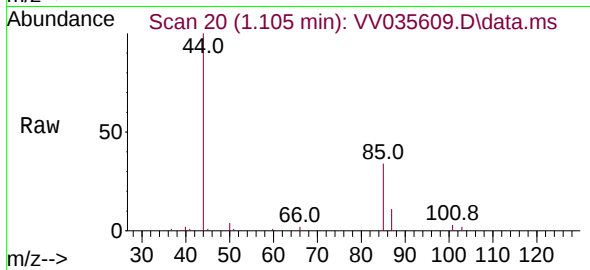
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) Benzene	5.014	78	11461	0.178	ug/L	100
34) Trichloroethene	5.847	95	3817	0.206	ug/L	96
35) Methylcyclohexane	6.043	83	4014	0.168	ug/L	92
37) 1,2-Dichloropropane	6.101	63	3895	0.225	ug/L #	85
38) Bromodichloromethane	6.445	83	4645	0.199	ug/L #	98
39) cis-1,3-Dichloropropene	6.969	75	4181	0.181	ug/L	98
40) 4-Methyl-2-pentanone	7.175	43	10808	1.316	ug/L #	83
42) Toluene	7.326	91	13090	0.195	ug/L	91
44) trans-1,3-Dichloropropene	7.603	75	3867	0.199	ug/L	99
45) 1,1,2-Trichloroethane	7.780	97	2631	0.194	ug/L	95
47) Tetrachloroethene	7.908	164	2952	0.202	ug/L	81
48) 2-Hexanone	8.091	43	18251	3.021	ug/L #	80
49) Dibromochloromethane	8.178	129	3018	0.202	ug/L	99
50) 1,2-Dibromoethane	8.291	107	2470	0.196	ug/L #	82
51) Chlorobenzene	8.821	112	9884	0.212	ug/L	94
52) Ethylbenzene	8.953	91	12513	0.178	ug/L	88
53) m,p-Xylene	9.082	106	4587	0.172	ug/L	92
54) o-Xylene	9.484	106	4311	0.170	ug/L	92
55) Styrene	9.509	104	6182	0.140	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.178	83	2991	0.207	ug/L #	95
59) Bromoform	9.673	173	1503	0.203	ug/L #	89
60) Isopropylbenzene	9.870	105	10936	0.187	ug/L #	95
61) 1,2,3-Trichloropropane	10.210	75	2316	0.241	ug/L #	89
62) 1,3,5-Trimethylbenzene	10.480	105	8497	0.185	ug/L	98
63) 1,2,4-Trimethylbenzene	10.857	105	8136	0.179	ug/L	98
64) 1,3-Dichlorobenzene	11.127	146	7210	0.229	ug/L	98
65) 1,4-Dichlorobenzene	11.210	146	7744	0.239	ug/L	97
67) 1,2-Dichlorobenzene	11.580	146	7153	0.238	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.368	75	496	0.242	ug/L #	59
69) 1,3,5-Trichlorobenzene	12.586	180	5429	0.228	ug/L	97
70) 1,2,4-trichlorobenzene	13.201	180	4484	0.238	ug/L	96
71) Naphthalene	13.448	128	6156	0.227	ug/L #	92
72) 1,2,3-Trichlorobenzene	13.680	180	3856	0.221	ug/L	95

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

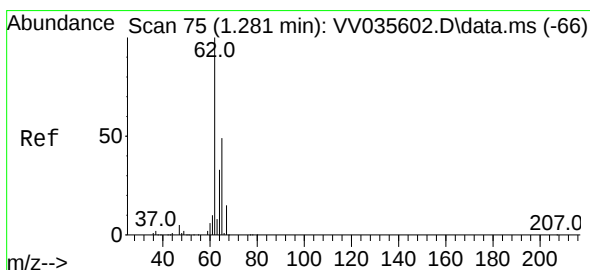
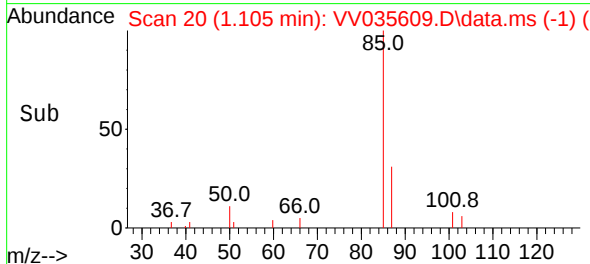
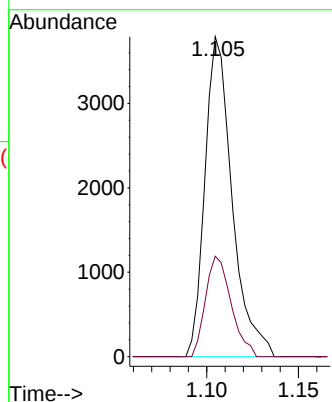


#2
Dichlorodifluoromethane
Concen: 0.217 ug/L
RT: 1.105 min Scan# 20
Delta R.T. 0.000 min
Lab File: VV035609.D
Acq: 14 May 2024 14:57

Instrument :
MSVOA_V
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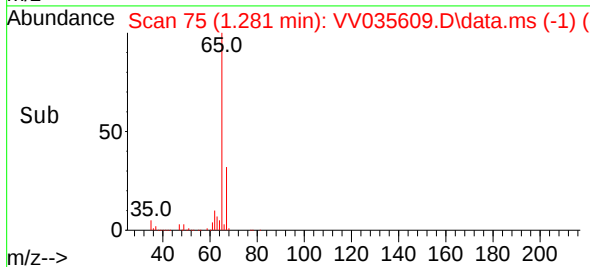
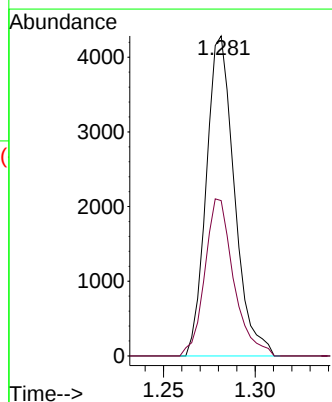
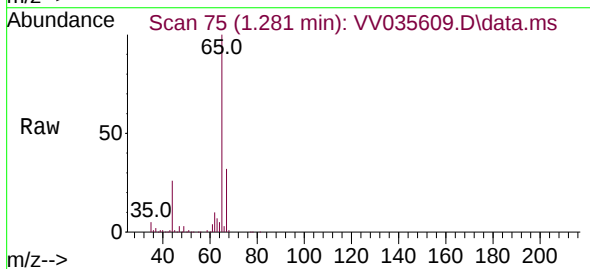


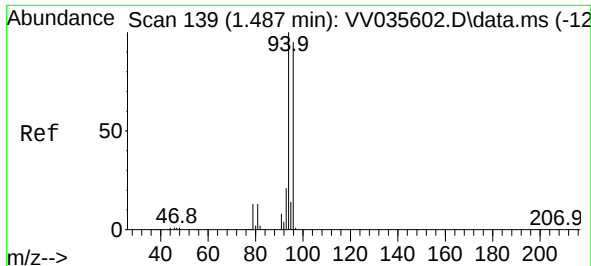
Tgt Ion: 85 Resp: 3905
Ion Ratio Lower Upper
85 100
87 29.5 26.4 39.6



#5
Vinyl chloride
Concen: 0.224 ug/L
RT: 1.281 min Scan# 75
Delta R.T. 0.000 min
Lab File: VV035609.D
Acq: 14 May 2024 14:57

Tgt Ion: 62 Resp: 4556
Ion Ratio Lower Upper
62 100
64 48.6 22.9 42.5#

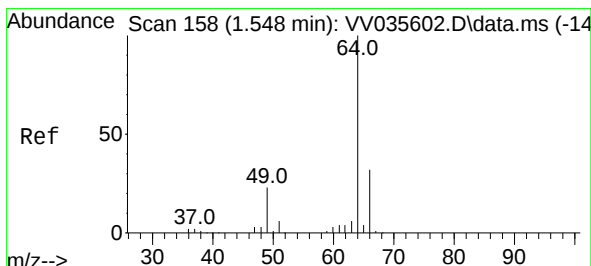
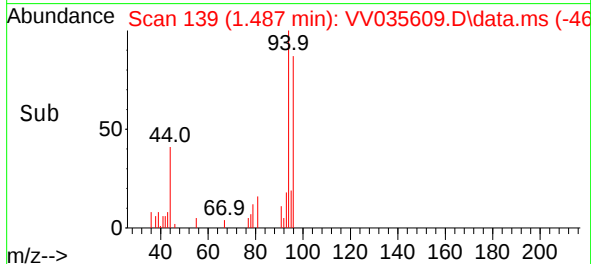
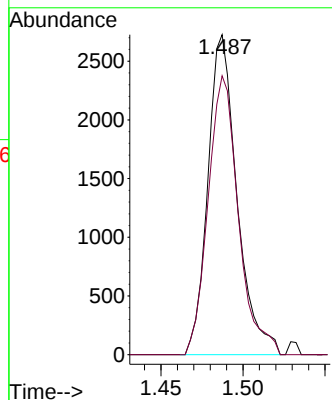
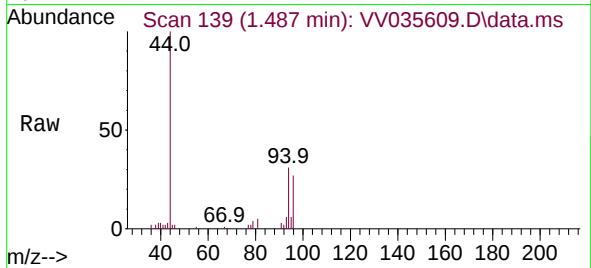




#6
Bromomethane
Concen: 0.245 ug/L
RT: 1.487 min Scan# 14
Delta R.T. 0.000 min
Lab File: VV035609.D
Acq: 14 May 2024 14:57

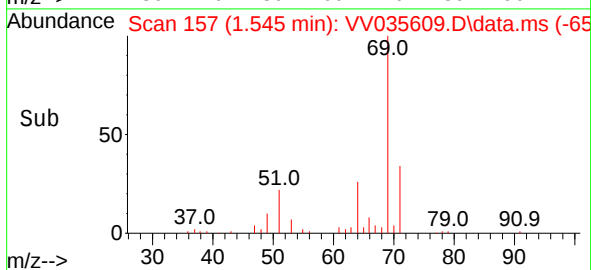
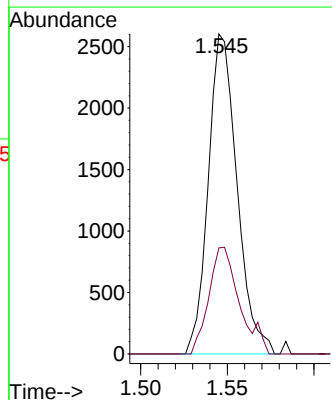
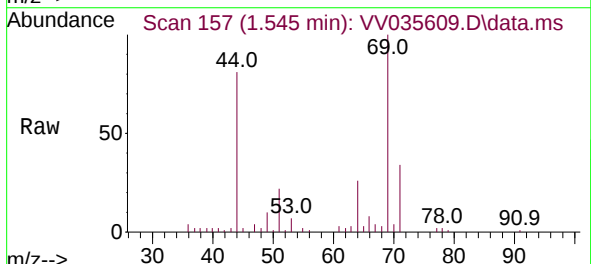
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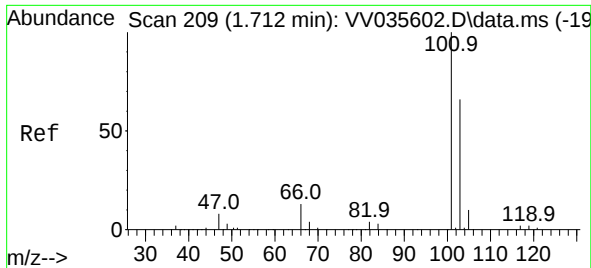
Tgt Ion: 94 Resp: 3367
Ion Ratio Lower Upper
94 100
96 87.2 66.4 123.4



#8
Chloroethane
Concen: 0.228 ug/L
RT: 1.545 min Scan# 157
Delta R.T. -0.003 min
Lab File: VV035609.D
Acq: 14 May 2024 14:57

Tgt Ion: 64 Resp: 3005
Ion Ratio Lower Upper
64 100
66 33.2 22.3 41.3

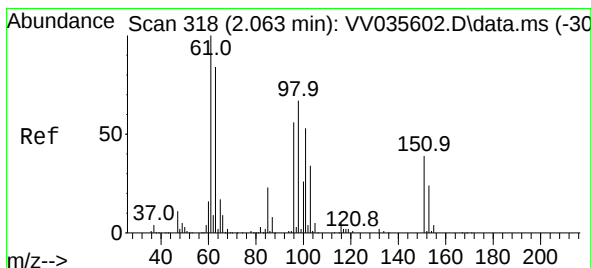
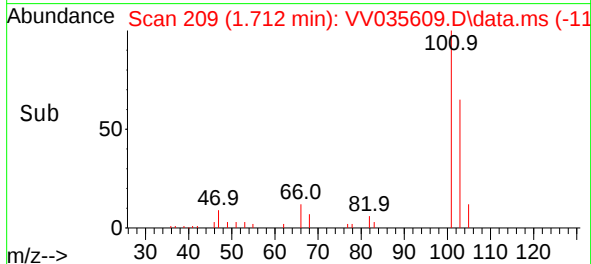
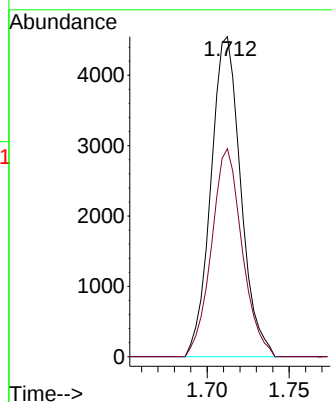
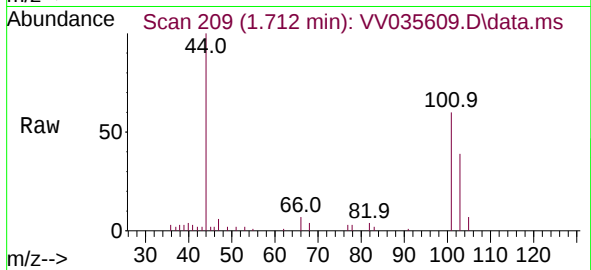




#9
Trichlorofluoromethane
Concen: 0.219 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.000 min
Lab File: VV035609.D
Acq: 14 May 2024 14:57

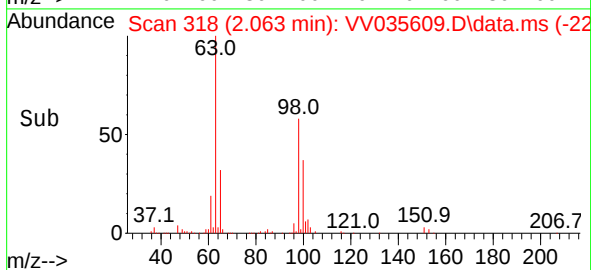
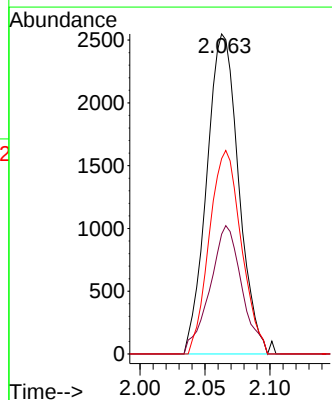
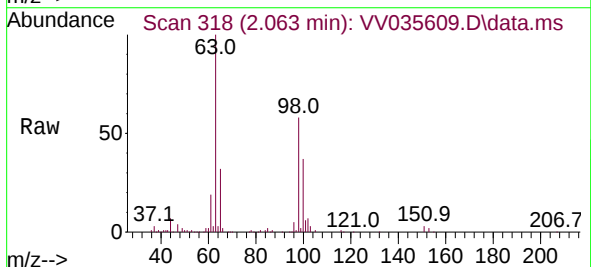
Instrument :
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ClientSampleId :

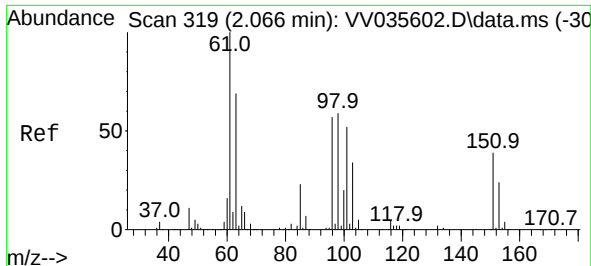
Tgt Ion:101 Resp: 5758
Ion Ratio Lower Upper
101 100
103 66.6 52.8 79.2



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.264 ug/L
RT: 2.063 min Scan# 318
Delta R.T. 0.000 min
Lab File: VV035609.D
Acq: 14 May 2024 14:57

Tgt Ion:101 Resp: 4366
Ion Ratio Lower Upper
101 100
85 40.0 34.6 51.8
151 63.7 59.3 88.9





#12

1,1-Dichloroethene

Concen: 0.261 ug/L

RT: 2.066 min Scan# 319

Delta R.T. 0.000 min

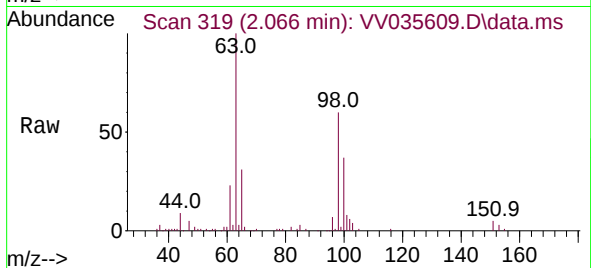
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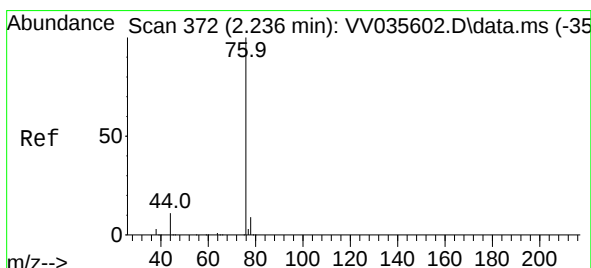
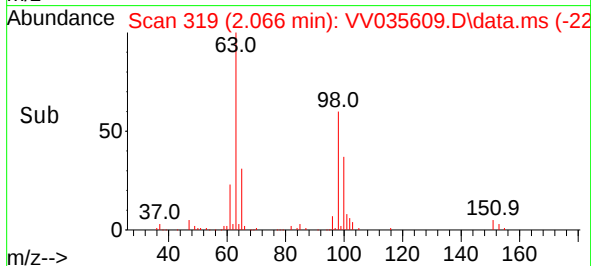
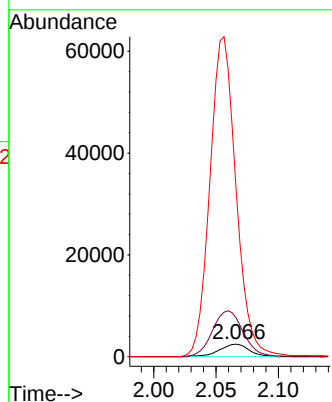
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	96	Resp:	4115
Ion	Ratio	Lower	Upper
96	100		
61	309.8	122.8	228.1#
63	1341.7	85.1	158.1#



#14

Carbon disulfide

Concen: 0.222 ug/L

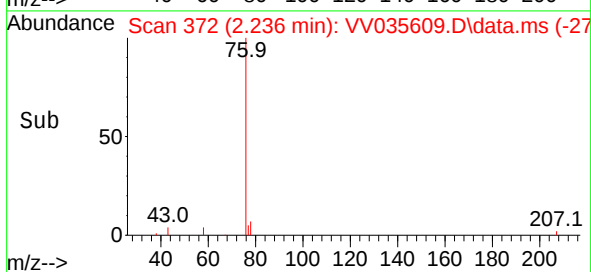
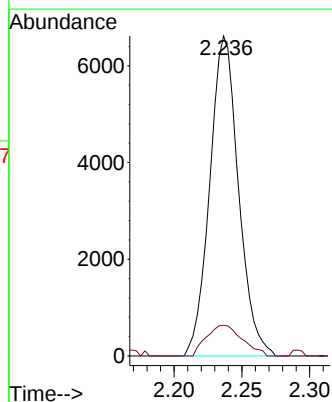
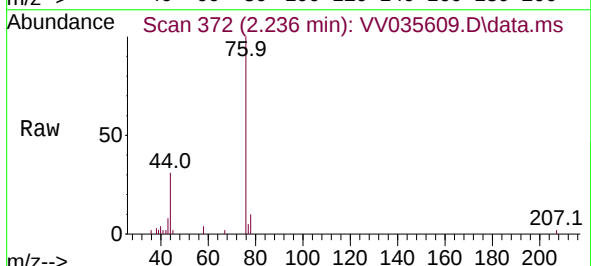
RT: 2.236 min Scan# 372

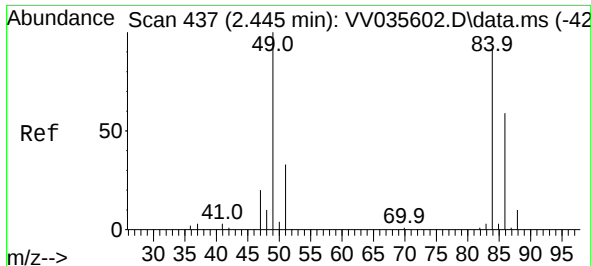
Delta R.T. 0.000 min

Lab File: VV035609.D

Acq: 14 May 2024 14:57

Tgt Ion:	76	Resp:	9762
Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.3	10.9

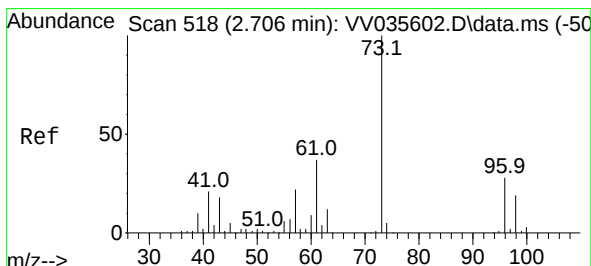
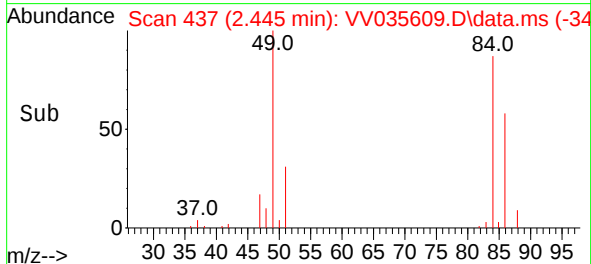
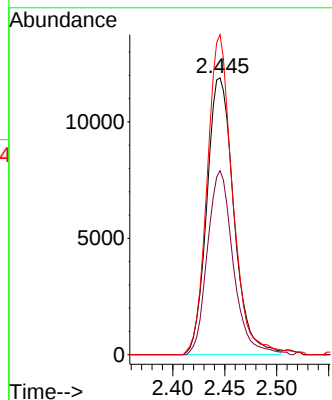
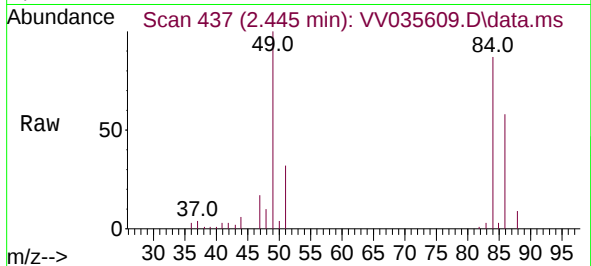




#16
Methylene chloride
Concen: 0.968 ug/L
RT: 2.445 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV035609.D
Acq: 14 May 2024 14:57

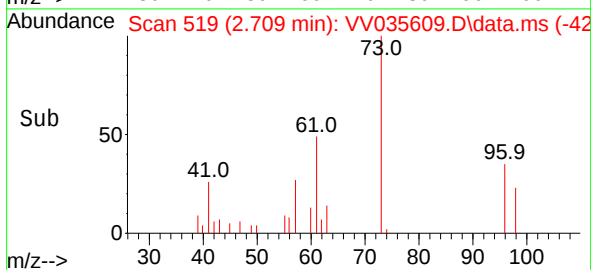
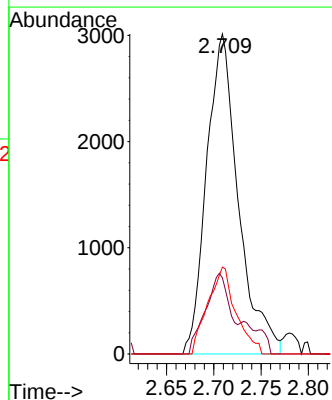
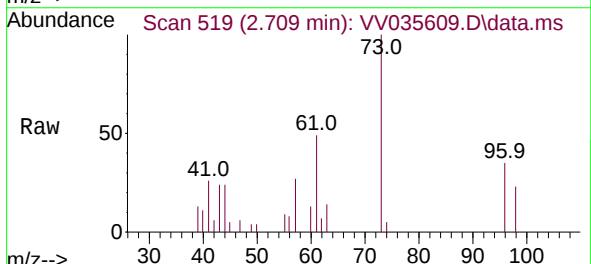
Instrument :
MSVOA_V
ClientSampleId :

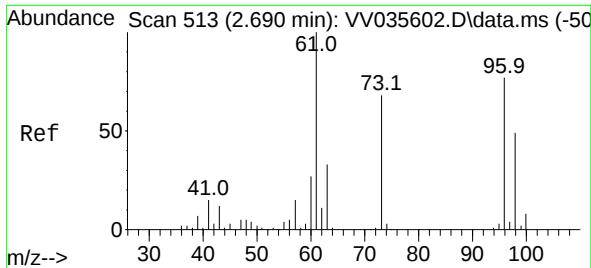
Tgt Ion: 84 Resp: 21516
Ion Ratio Lower Upper
84 100
86 66.5 44.9 83.5
49 115.6 75.8 140.8



#17
Methyl tert-butyl Ether
Concen: 0.193 ug/L
RT: 2.709 min Scan# 519
Delta R.T. 0.003 min
Lab File: VV035609.D
Acq: 14 May 2024 14:57

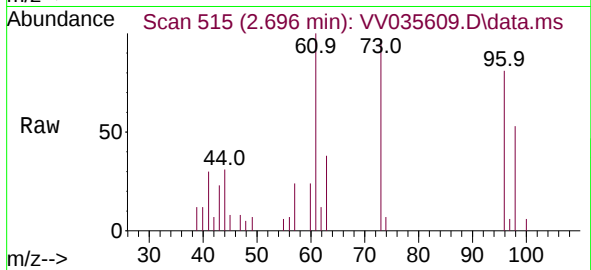
Tgt Ion: 73 Resp: 7038
Ion Ratio Lower Upper
73 100
43 19.5 13.8 20.8
57 24.0 17.7 26.5





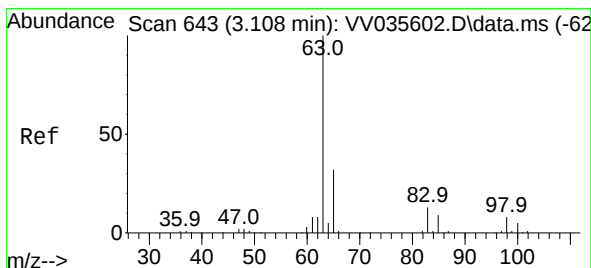
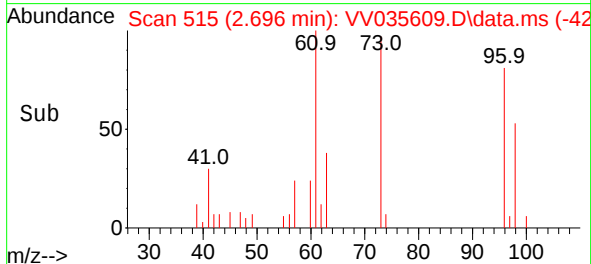
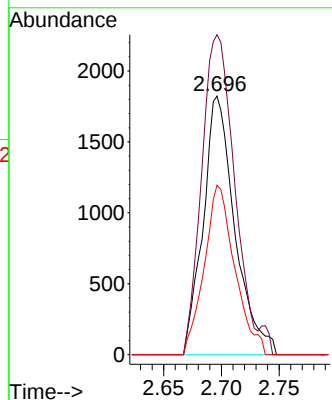
#18
trans-1,2-Dichloroethene
Concen: 0.213 ug/L
RT: 2.696 min Scan# 513
Delta R.T. 0.006 min
Lab File: VV035609.D
Acq: 14 May 2024 14:57

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 96 Resp: 3484

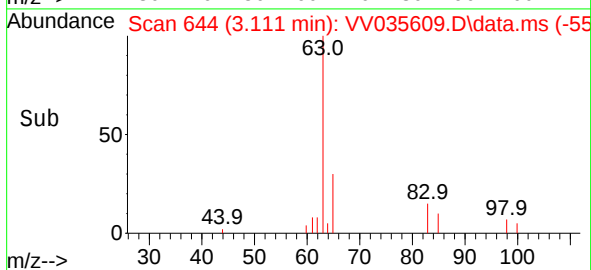
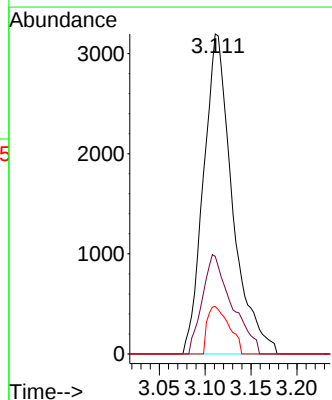
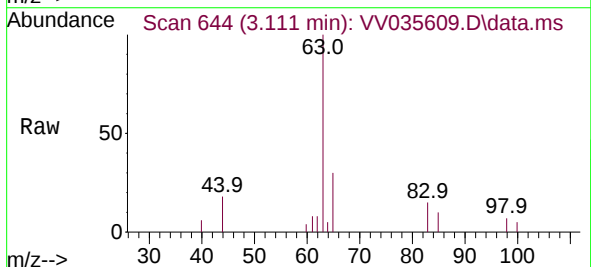
Ion	Ratio	Lower	Upper
96	100		
61	123.8	91.1	169.3
98	65.6	44.7	83.1

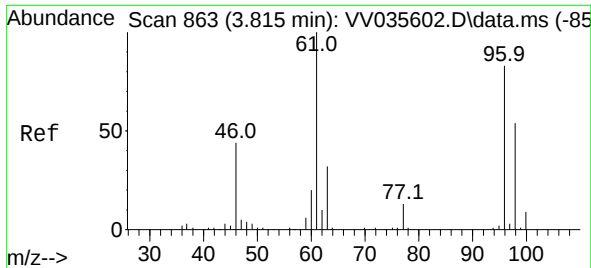


#19
1,1-Dichloroethane
Concen: 0.214 ug/L
RT: 3.111 min Scan# 644
Delta R.T. 0.003 min
Lab File: VV035609.D
Acq: 14 May 2024 14:57

Tgt Ion: 63 Resp: 6997

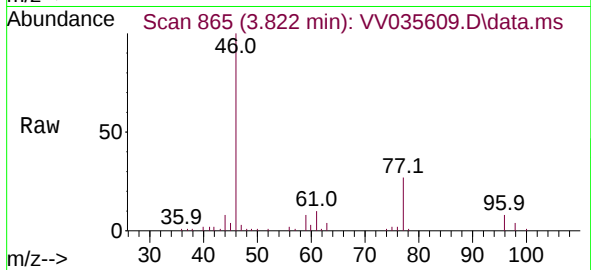
Ion	Ratio	Lower	Upper
63	100		
65	30.5	22.5	41.9
83	14.8	9.2	17.0



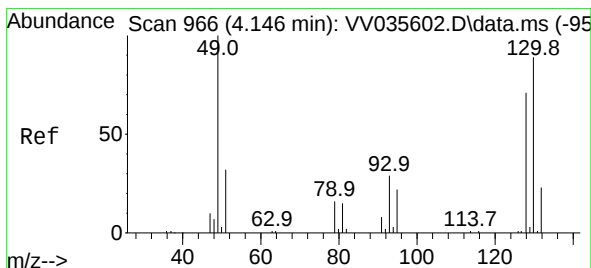
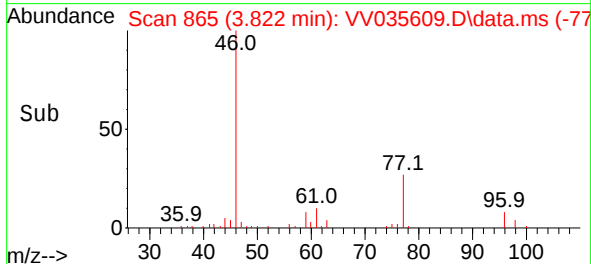
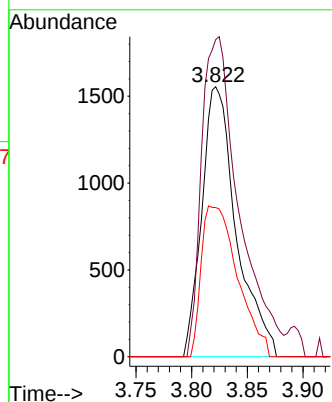


#22
cis-1,2-Dichloroethene
Concen: 0.194 ug/L
RT: 3.822 min Scan# 865
Delta R.T. 0.006 min
Lab File: VV035609.D
Acq: 14 May 2024 14:57

Instrument :
MSVOA_V
ClientSampleId :

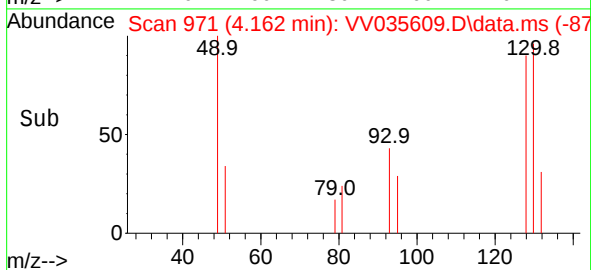
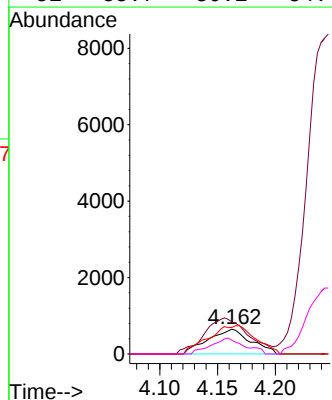
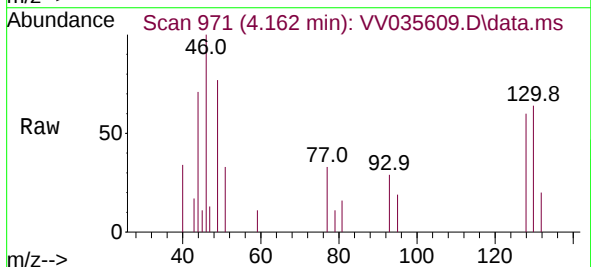


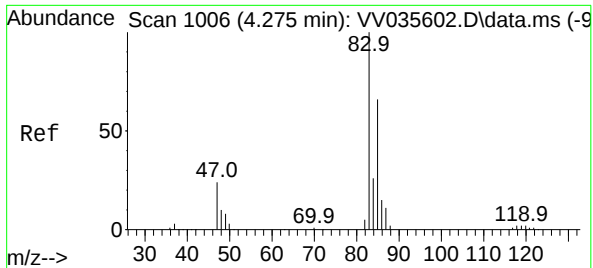
Tgt Ion: 96 Resp: 3349
Ion Ratio Lower Upper
96 100
61 117.4 84.3 156.5
98 55.2 45.6 84.6



#23
Bromochloromethane
Concen: 0.199 ug/L
RT: 4.162 min Scan# 971
Delta R.T. 0.016 min
Lab File: VV035609.D
Acq: 14 May 2024 14:57

Tgt Ion: 128 Resp: 1667
Ion Ratio Lower Upper
128 100
49 129.2 98.6 183.0
130 106.9 87.6 162.8
51 55.7 36.2 54.4#





#25

Chloroform

Concen: 0.273 ug/L

RT: 4.272 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV035609.D

Acq: 14 May 2024 14:57

Instrument :

MSVOA_V

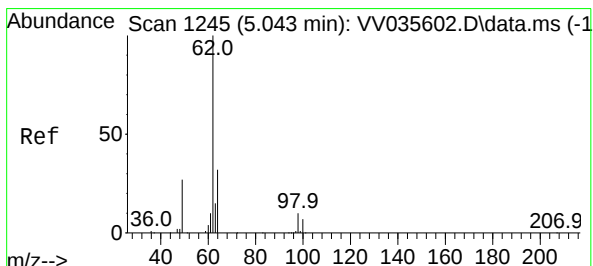
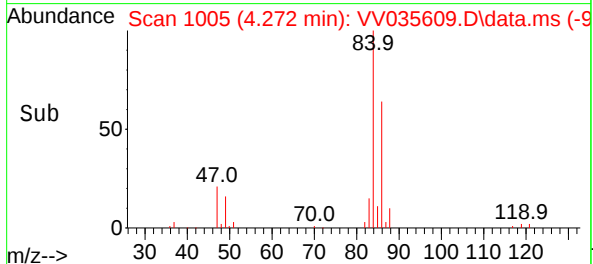
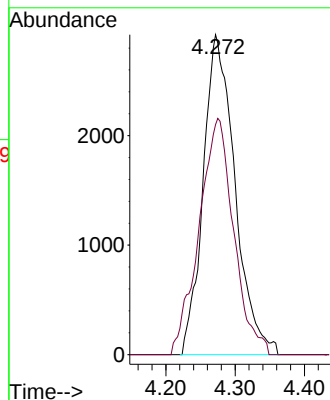
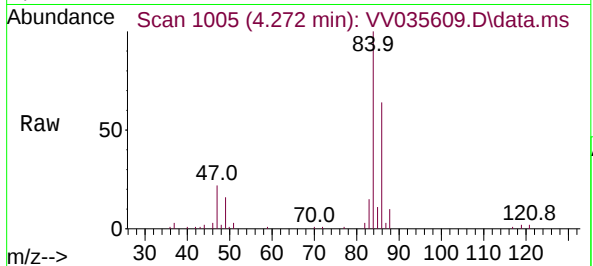
ClientSampleId :

Tgt Ion: 83 Resp: 9314

Ion Ratio Lower Upper

83 100

85 71.9 45.9 85.3



#27

1,2-Dichloroethane

Concen: 0.208 ug/L

RT: 5.063 min Scan# 1251

Delta R.T. 0.019 min

Lab File: VV035609.D

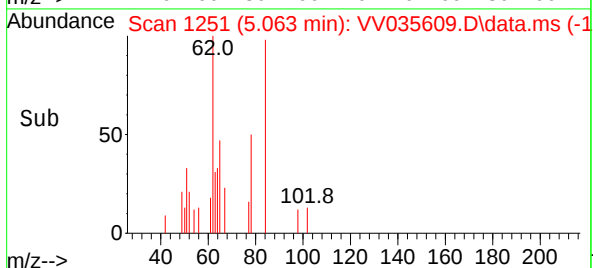
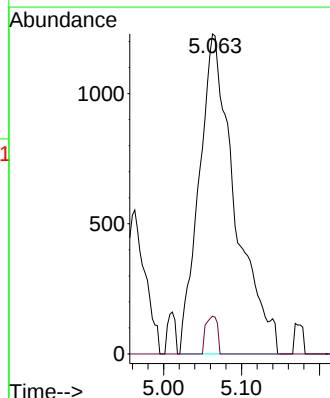
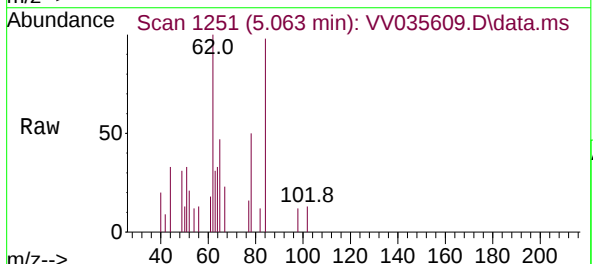
Acq: 14 May 2024 14:57

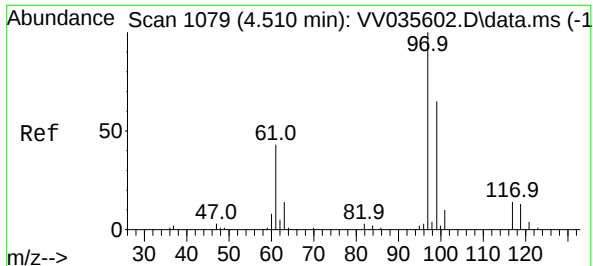
Tgt Ion: 62 Resp: 3938

Ion Ratio Lower Upper

62 100

98 11.8 8.2 12.4

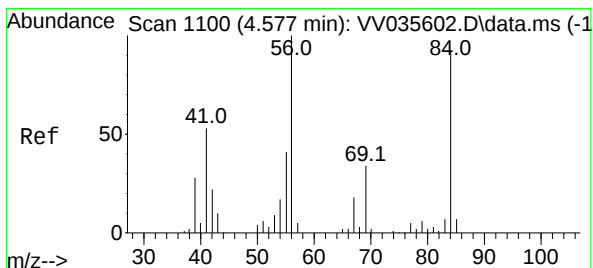
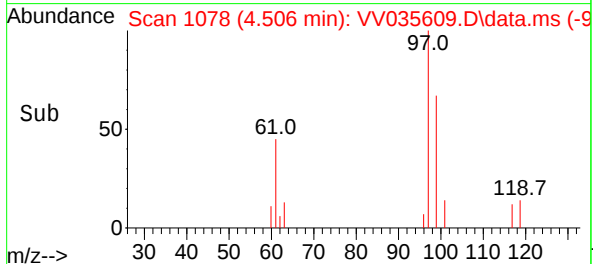
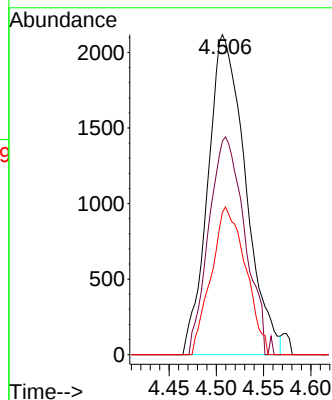
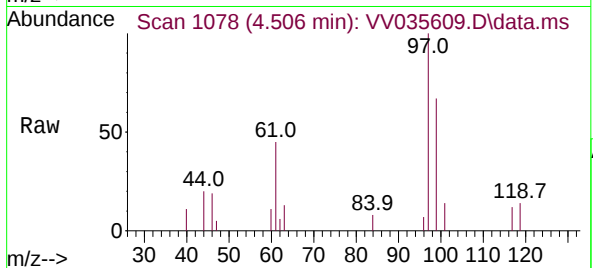




#29
1,1,1-Trichloroethane
Concen: 0.206 ug/L
RT: 4.506 min Scan# 1098
Delta R.T. -0.003 min
Lab File: VV035609.D
Acq: 14 May 2024 14:57

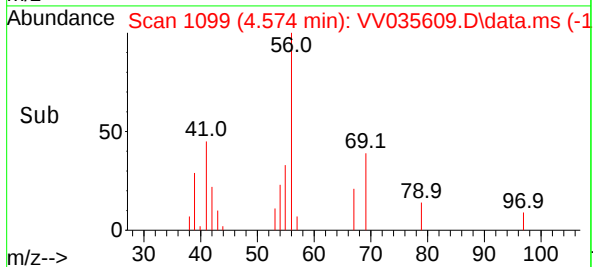
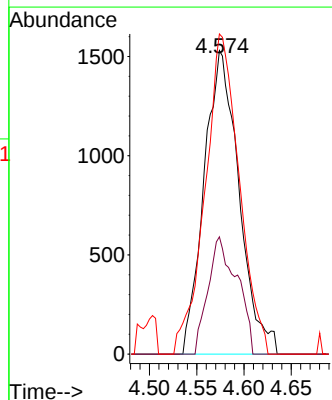
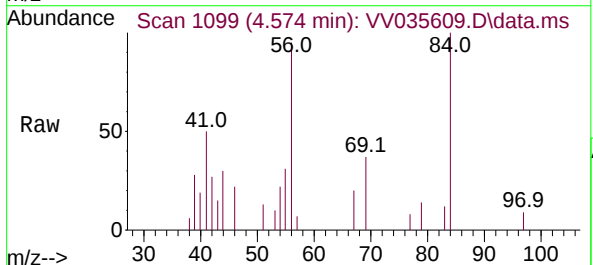
Instrument :
MSVOA_V
ClientSampleId :

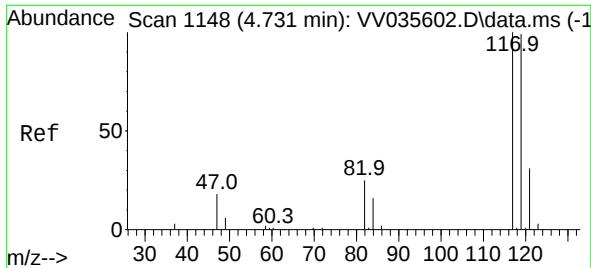
Tgt Ion: 97 Resp: 5849
Ion Ratio Lower Upper
97 100
99 64.8 52.4 78.6
61 42.3 33.9 50.9



#30
Cyclohexane
Concen: 0.191 ug/L
RT: 4.574 min Scan# 1099
Delta R.T. -0.003 min
Lab File: VV035609.D
Acq: 14 May 2024 14:57

Tgt Ion: 56 Resp: 3924
Ion Ratio Lower Upper
56 100
69 31.9 26.4 39.6
84 103.2 75.0 112.6

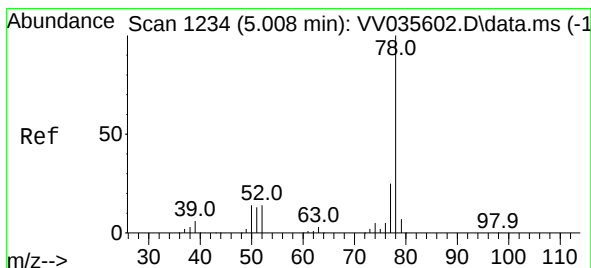
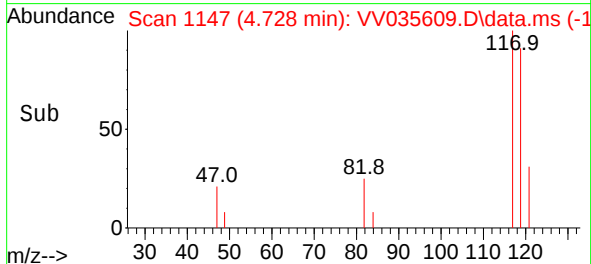
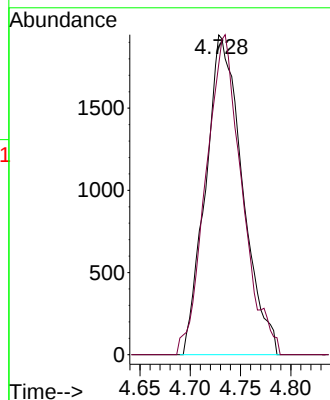
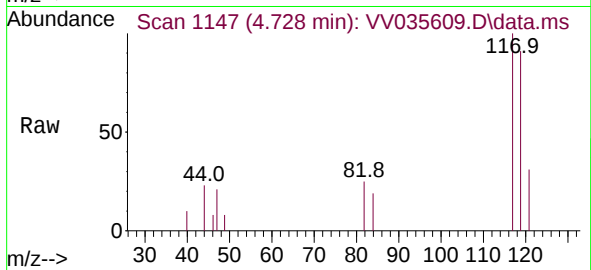




#31
Carbon tetrachloride
Concen: 0.200 ug/L
RT: 4.728 min Scan# 1147
Delta R.T. -0.003 min
Lab File: VV035609.D
Acq: 14 May 2024 14:57

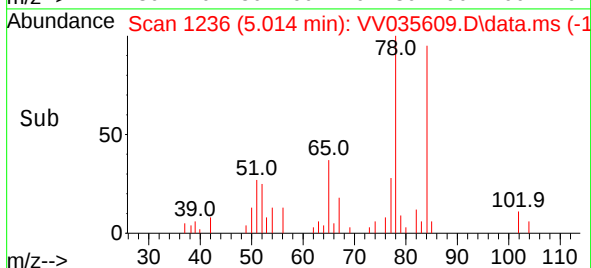
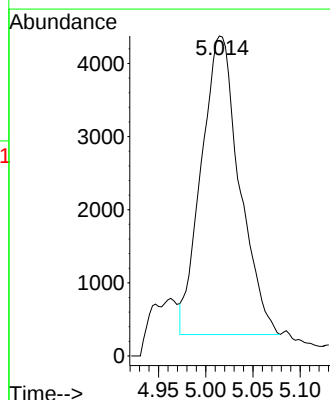
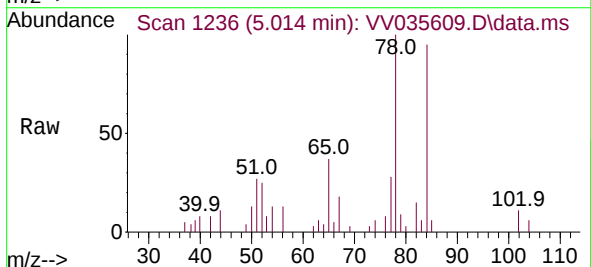
Instrument :
MSVOA_V
ClientSampleId :

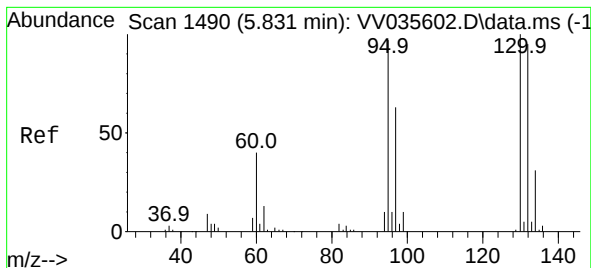
Tgt Ion:117 Resp: 4944
Ion Ratio Lower Upper
117 100
119 97.8 77.2 115.8



#33
Benzene
Concen: 0.178 ug/L
RT: 5.014 min Scan# 1236
Delta R.T. 0.006 min
Lab File: VV035609.D
Acq: 14 May 2024 14:57

Tgt Ion: 78 Resp: 11461





#34

Trichloroethene

Concen: 0.206 ug/L

RT: 5.847 min Scan# 1495

Delta R.T. 0.016 min

Lab File: VV035609.D

Acq: 14 May 2024 14:57

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 3817

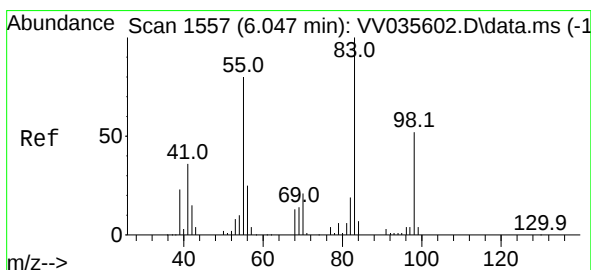
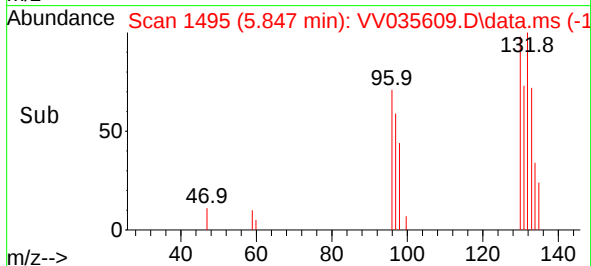
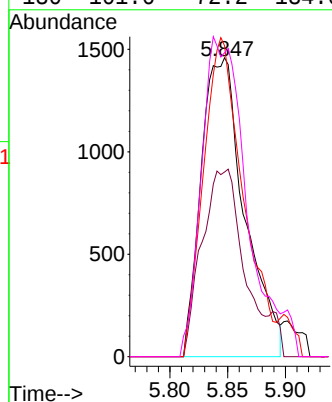
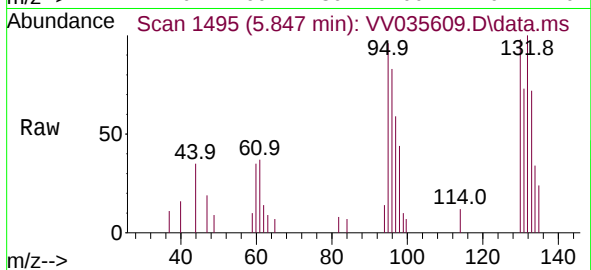
Ion Ratio Lower Upper

95 100

97 61.8 45.2 84.0

132 104.0 68.7 127.7

130 101.6 72.2 134.0



#35

Methylcyclohexane

Concen: 0.168 ug/L

RT: 6.043 min Scan# 1556

Delta R.T. -0.003 min

Lab File: VV035609.D

Acq: 14 May 2024 14:57

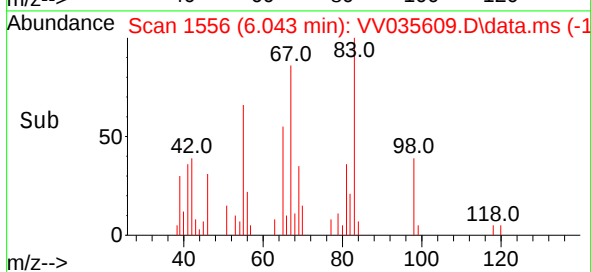
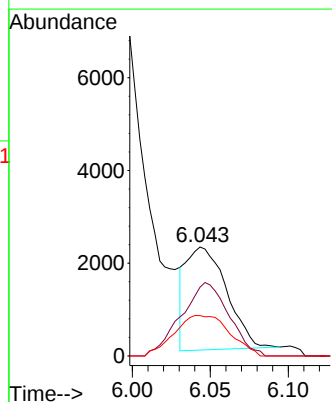
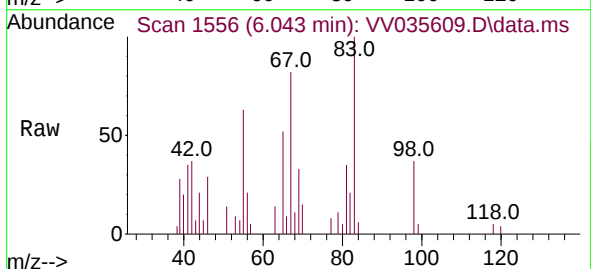
Tgt Ion: 83 Resp: 4014

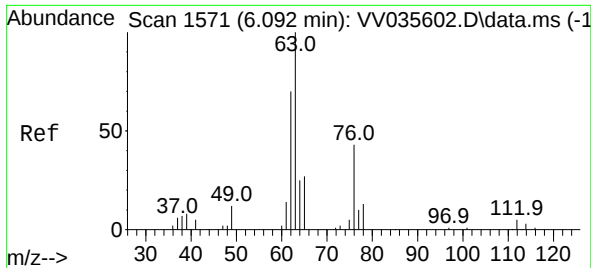
Ion Ratio Lower Upper

83 100

55 83.3 60.7 91.1

98 53.5 38.4 57.6

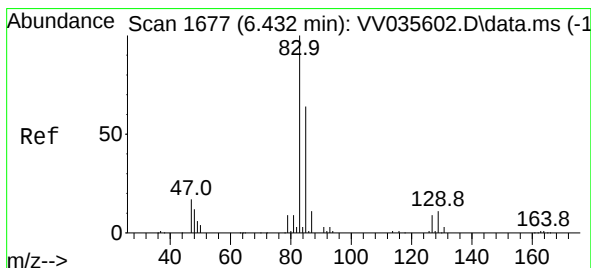
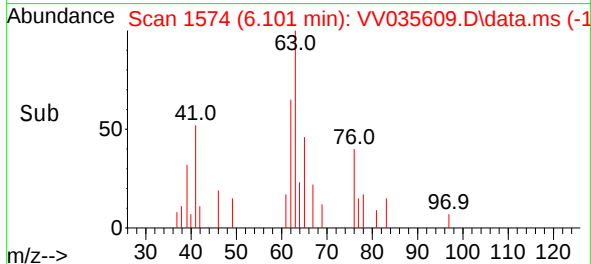
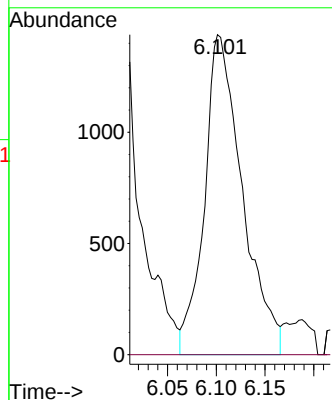
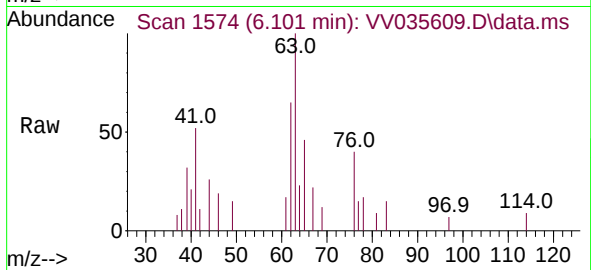




#37
1,2-Dichloropropane
Concen: 0.225 ug/L
RT: 6.101 min Scan# 1574
Delta R.T. 0.010 min
Lab File: VV035609.D
Acq: 14 May 2024 14:57

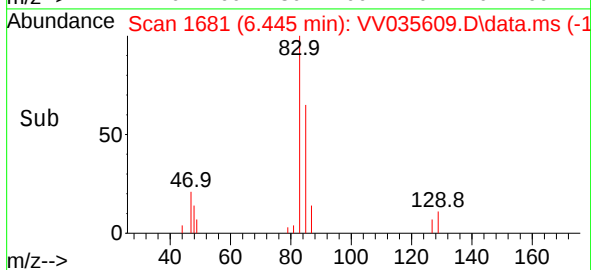
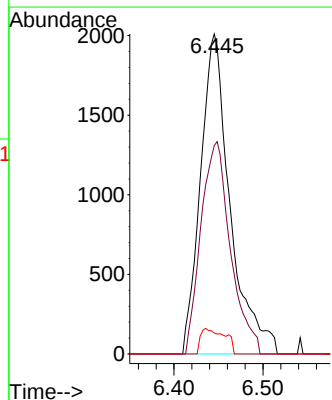
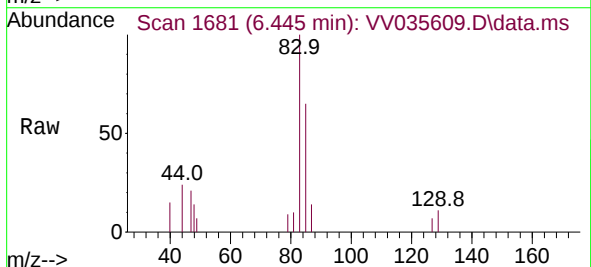
Instrument :
MSVOA_V
ClientSampleId :

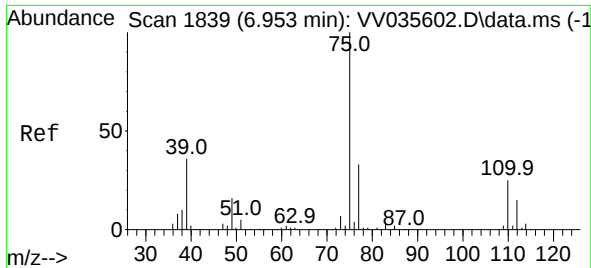
Tgt Ion: 63 Resp: 3895
Ion Ratio Lower Upper
63 100
112 0.0 3.9 5.9#



#38
Bromodichloromethane
Concen: 0.199 ug/L
RT: 6.445 min Scan# 1681
Delta R.T. 0.013 min
Lab File: VV035609.D
Acq: 14 May 2024 14:57

Tgt Ion: 83 Resp: 4645
Ion Ratio Lower Upper
83 100
85 65.2 44.6 82.8
127 6.6 7.2 10.8#

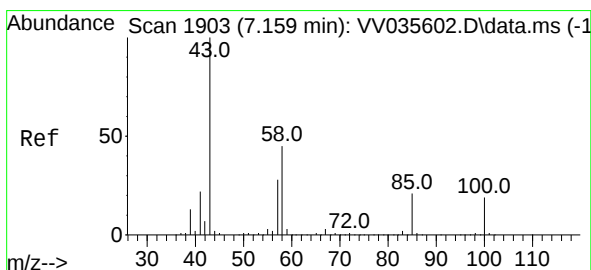
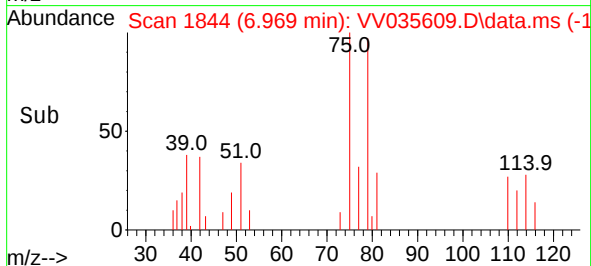
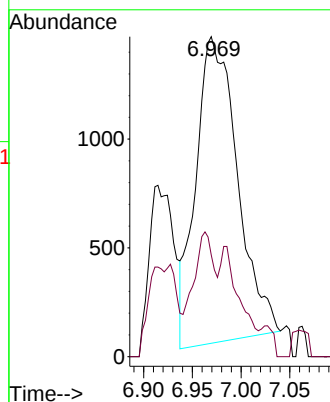
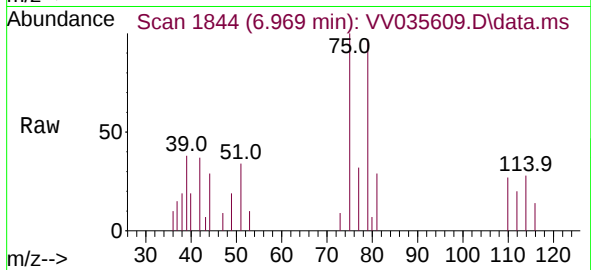




#39
 cis-1,3-Dichloropropene
 Concen: 0.181 ug/L
 RT: 6.969 min Scan# 11
 Delta R.T. 0.016 min
 Lab File: VV035609.D
 Acq: 14 May 2024 14:57

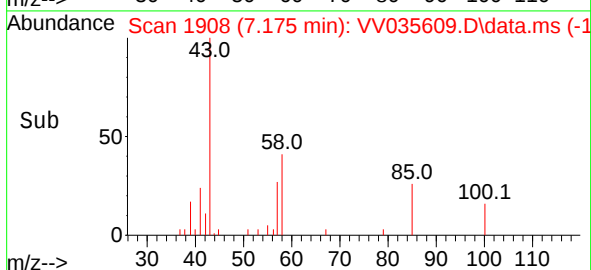
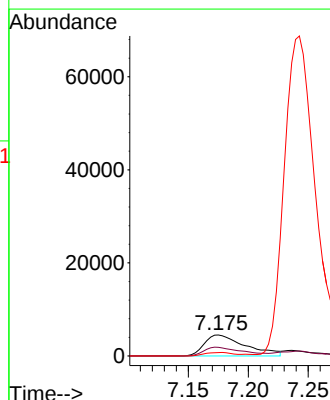
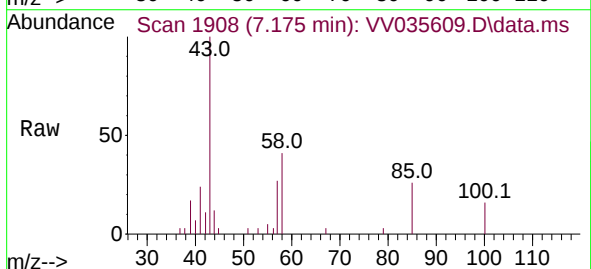
Instrument :
 MSVOA_V
 ClientSampleId :

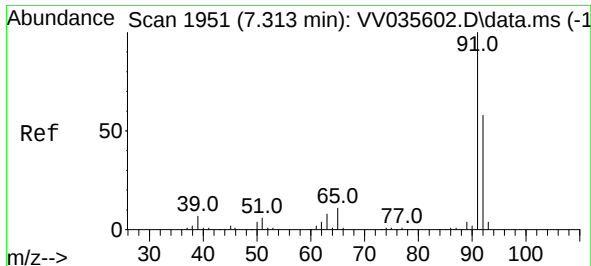
Tgt Ion: 75 Resp: 4181
 Ion Ratio Lower Upper
 75 100
 77 31.8 23.0 42.8



#40
 4-Methyl-2-pentanone
 Concen: 1.316 ug/L
 RT: 7.175 min Scan# 1908
 Delta R.T. 0.016 min
 Lab File: VV035609.D
 Acq: 14 May 2024 14:57

Tgt Ion: 43 Resp: 10808
 Ion Ratio Lower Upper
 43 100
 58 39.3 35.8 53.6
 100 0.0 14.1 21.1#





#42

Toluene

Concen: 0.195 ug/L

RT: 7.326 min Scan# 1951

Delta R.T. 0.013 min

Lab File: VV035609.D

Acq: 14 May 2024 14:57

Instrument :

MSVOA_V

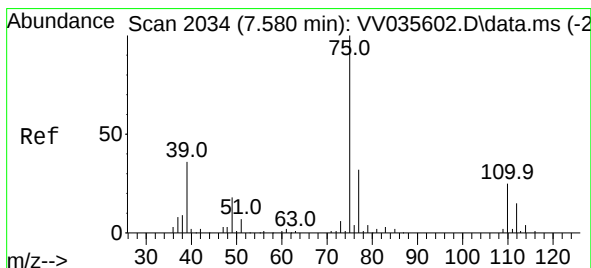
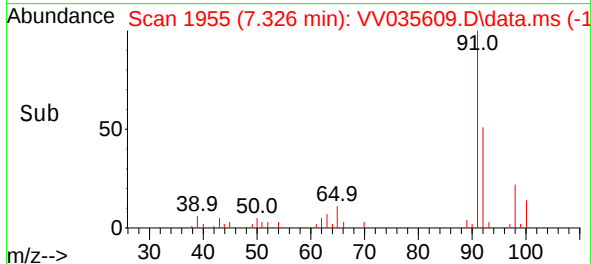
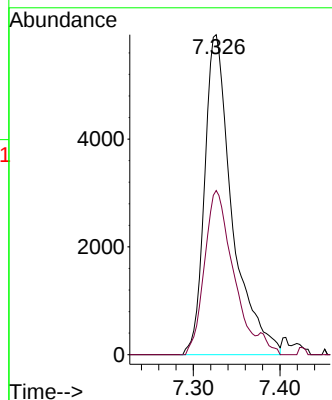
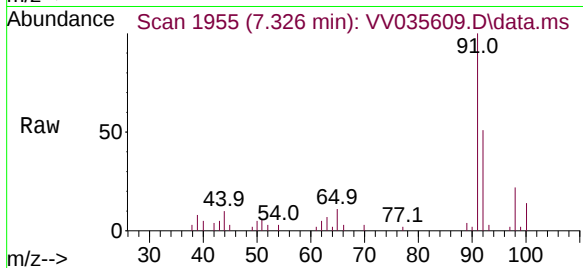
ClientSampleId :

Tgt Ion: 91 Resp: 13090

Ion Ratio Lower Upper

91 100

92 51.3 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 0.199 ug/L

RT: 7.603 min Scan# 2041

Delta R.T. 0.023 min

Lab File: VV035609.D

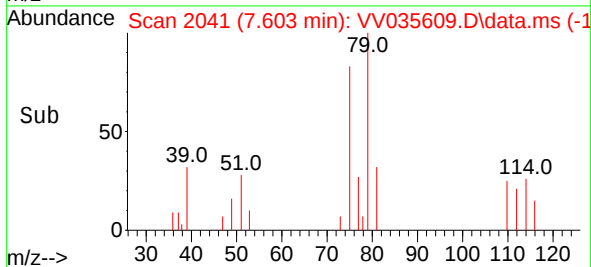
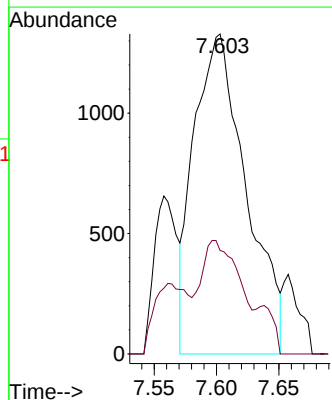
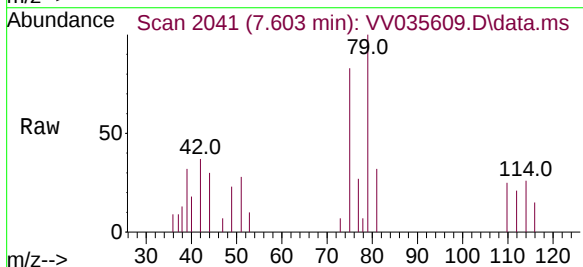
Acq: 14 May 2024 14:57

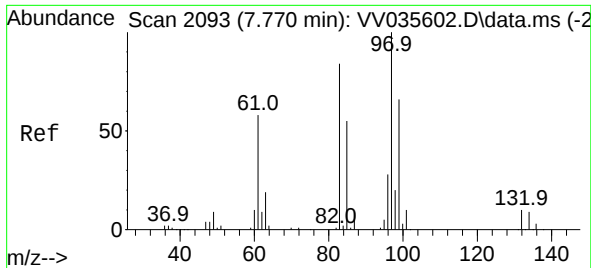
Tgt Ion: 75 Resp: 3867

Ion Ratio Lower Upper

75 100

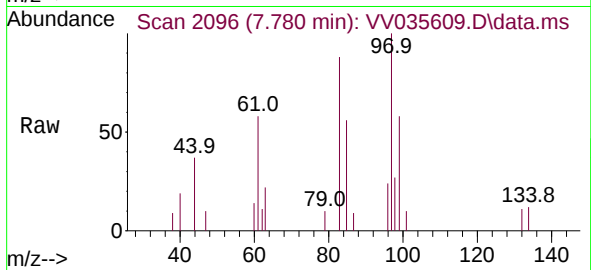
77 32.4 22.4 41.6



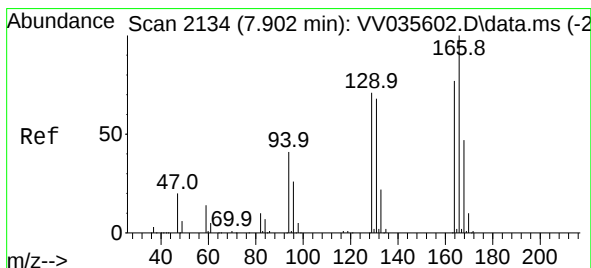
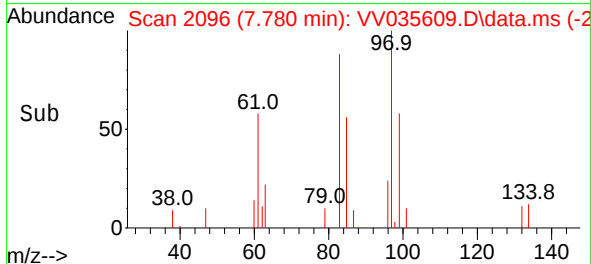
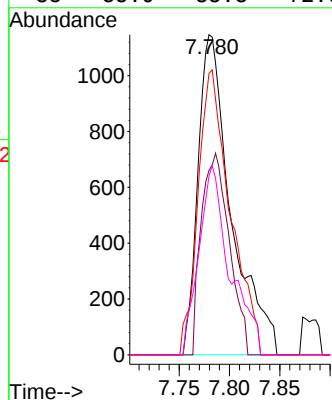


#45
1,1,2-Trichloroethane
Concen: 0.194 ug/L
RT: 7.780 min Scan# 2093
Delta R.T. 0.010 min
Lab File: VV035609.D
Acq: 14 May 2024 14:57

Instrument :
MSVOA_V
ClientSampleId :

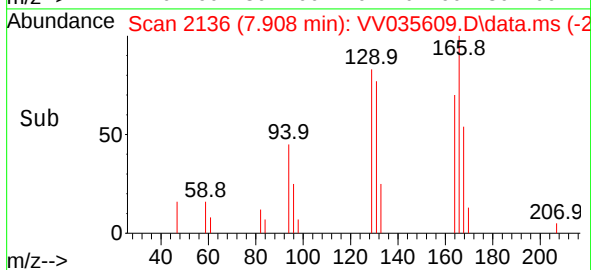
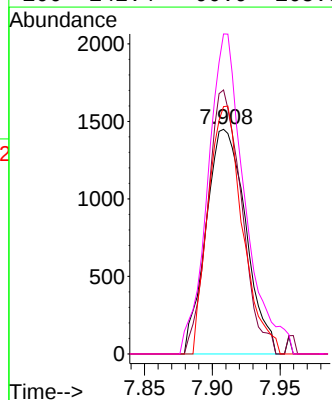
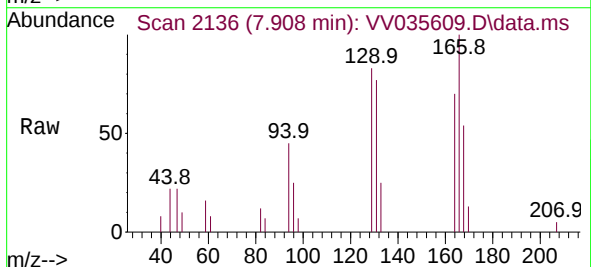


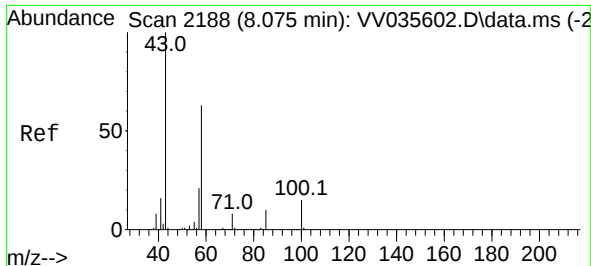
Tgt Ion:	97	Resp:	2631
Ion	Ratio	Lower	Upper
97	100		
99	57.6	46.1	85.5
83	87.9	59.0	109.6
85	55.9	38.8	72.0



#47
Tetrachloroethene
Concen: 0.202 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.006 min
Lab File: VV035609.D
Acq: 14 May 2024 14:57

Tgt Ion:	164	Resp:	2952
Ion	Ratio	Lower	Upper
164	100		
129	117.5	64.9	120.5
131	110.1	61.8	114.8
166	142.4	90.9	168.9





#48

2-Hexanone

Concen: 3.021 ug/L

RT: 8.091 min Scan# 2188

Delta R.T. 0.016 min

Lab File: VV035609.D

Acq: 14 May 2024 14:57

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 43 Resp: 18251

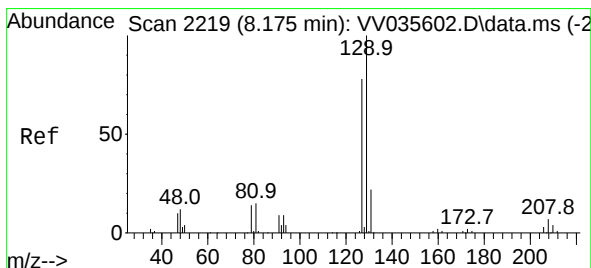
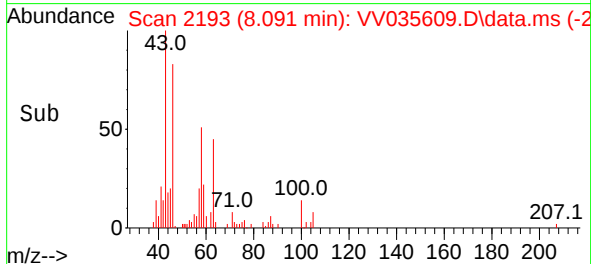
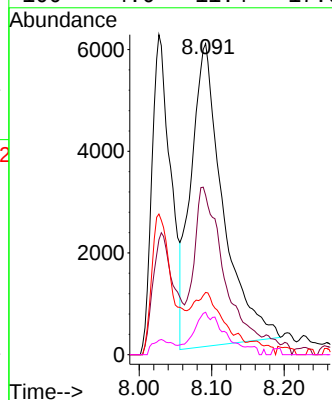
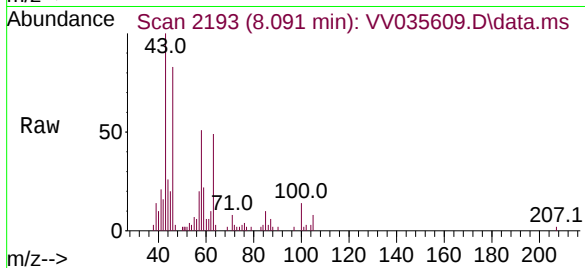
Ion Ratio Lower Upper

43 100

58 45.6 49.1 73.7#

57 12.7 16.8 25.2#

100 4.6 11.4 17.0#



#49

Dibromochloromethane

Concen: 0.202 ug/L

RT: 8.178 min Scan# 2220

Delta R.T. 0.003 min

Lab File: VV035609.D

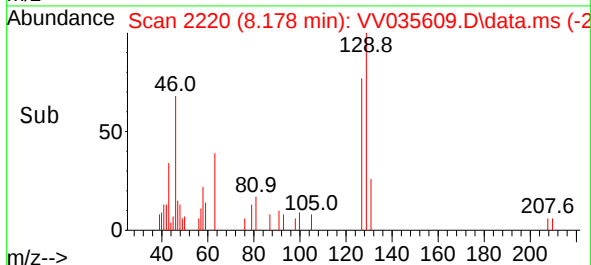
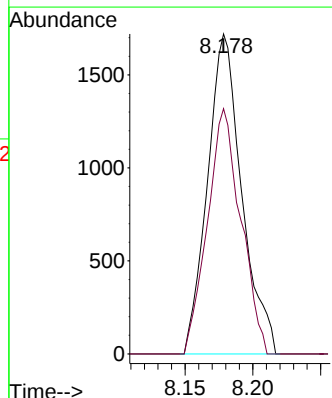
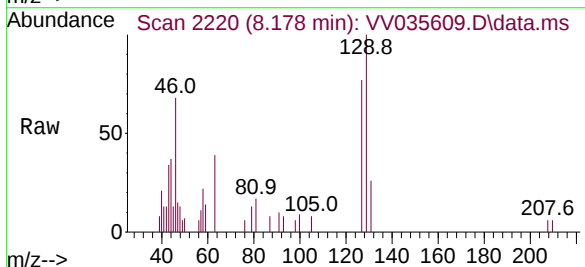
Acq: 14 May 2024 14:57

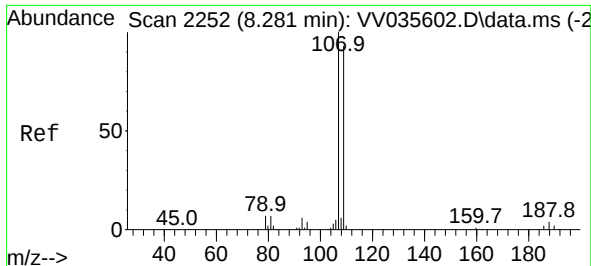
Tgt Ion:129 Resp: 3018

Ion Ratio Lower Upper

129 100

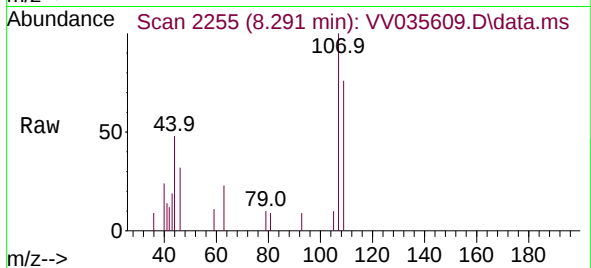
127 76.6 54.3 100.8



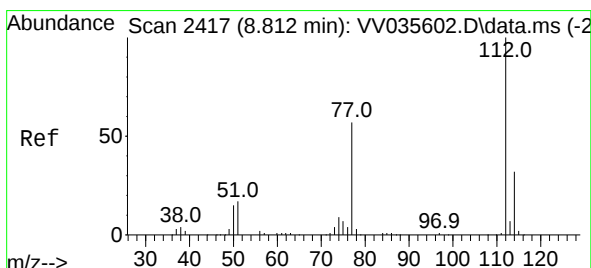
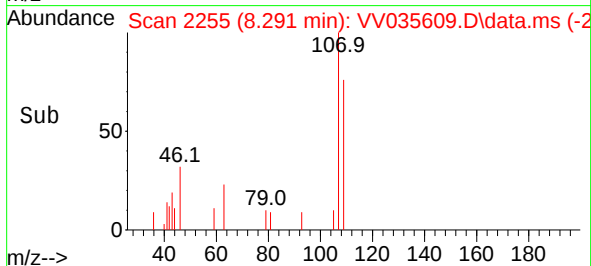
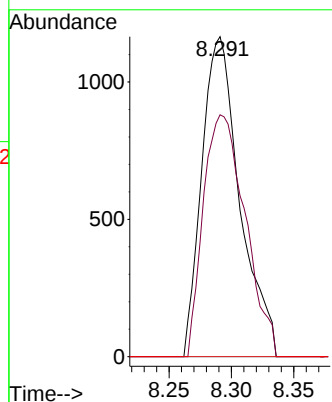


#50
1,2-Dibromoethane
Concen: 0.196 ug/L
RT: 8.291 min Scan# 2419
Delta R.T. 0.010 min
Lab File: VV035609.D
Acq: 14 May 2024 14:57

Instrument :
MSVOA_V
ClientSampleId :

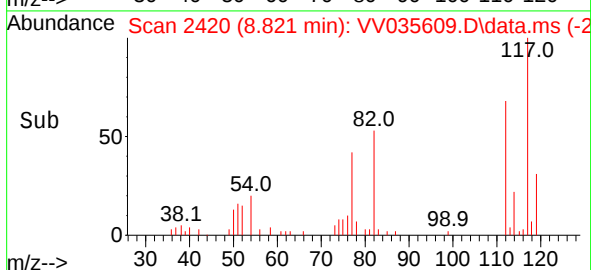
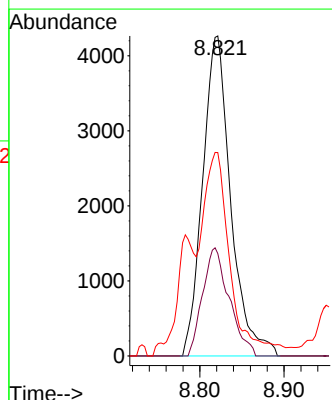
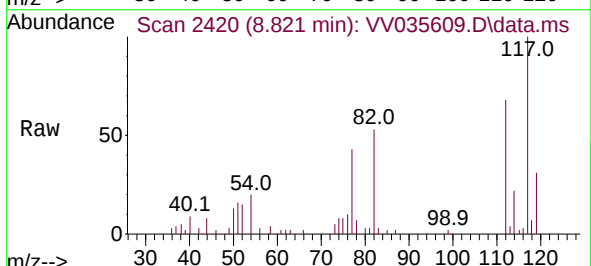


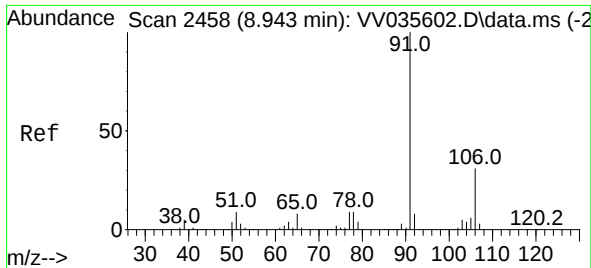
Tgt Ion:107 Resp: 2470
Ion Ratio Lower Upper
107 100
109 75.6 65.2 121.0
188 0.0 3.1 4.7#



#51
Chlorobenzene
Concen: 0.212 ug/L
RT: 8.821 min Scan# 2420
Delta R.T. 0.010 min
Lab File: VV035609.D
Acq: 14 May 2024 14:57

Tgt Ion:112 Resp: 9884
Ion Ratio Lower Upper
112 100
114 32.0 22.2 41.2
77 63.5 45.6 68.4

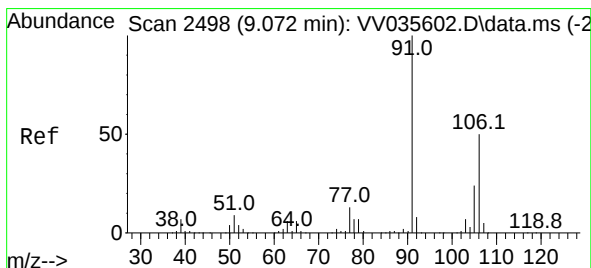
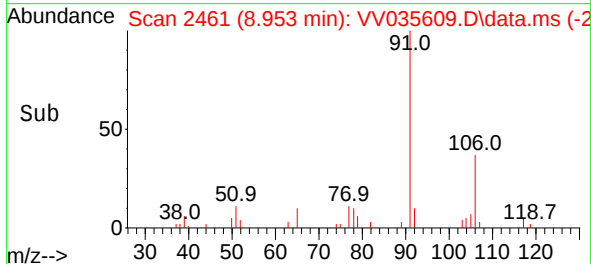
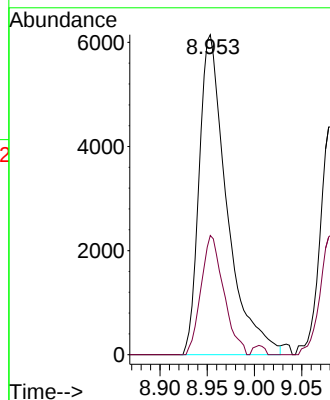
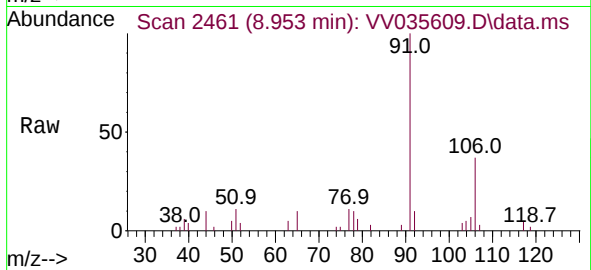




#52
Ethylbenzene
Concen: 0.178 ug/L
RT: 8.953 min Scan# 2458
Delta R.T. 0.010 min
Lab File: VV035609.D
Acq: 14 May 2024 14:57

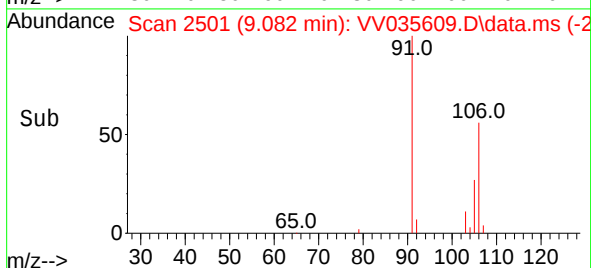
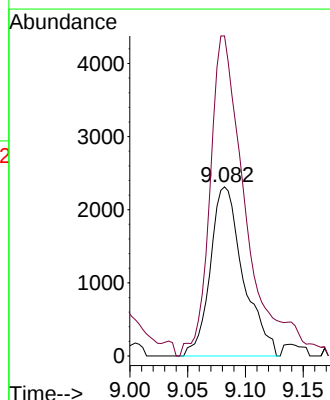
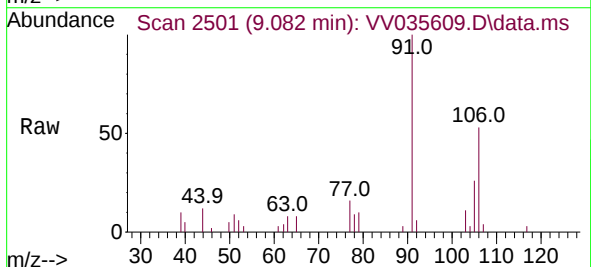
Instrument :
MSVOA_V
ClientSampleId :

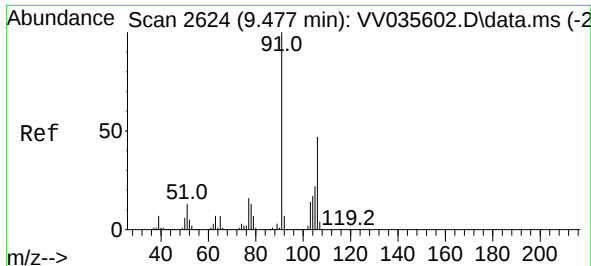
Tgt Ion: 91 Resp: 12513
Ion Ratio Lower Upper
91 100
106 37.3 21.5 39.9



#53
m,p-Xylene
Concen: 0.172 ug/L
RT: 9.082 min Scan# 2501
Delta R.T. 0.010 min
Lab File: VV035609.D
Acq: 14 May 2024 14:57

Tgt Ion: 106 Resp: 4587
Ion Ratio Lower Upper
106 100
91 189.1 141.3 262.3

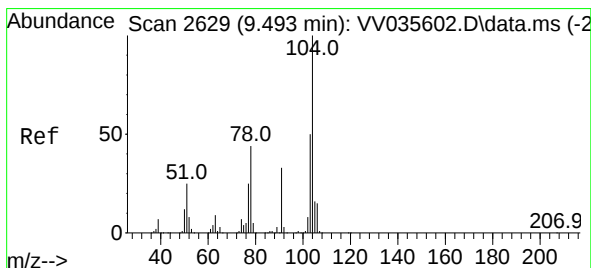
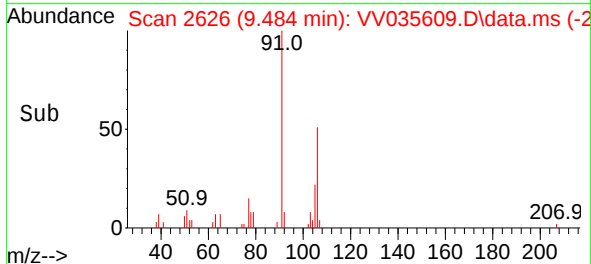
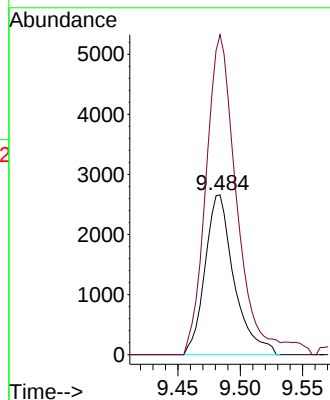
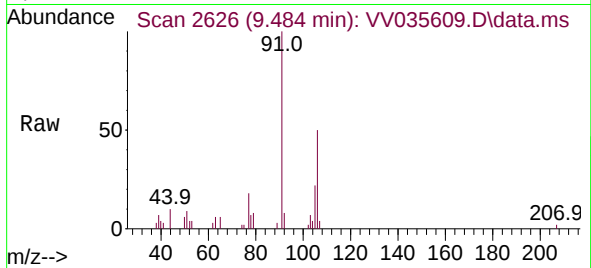




#54
o-Xylene
Concen: 0.170 ug/L
RT: 9.484 min Scan# 2626
Delta R.T. 0.006 min
Lab File: VV035609.D
Acq: 14 May 2024 14:57

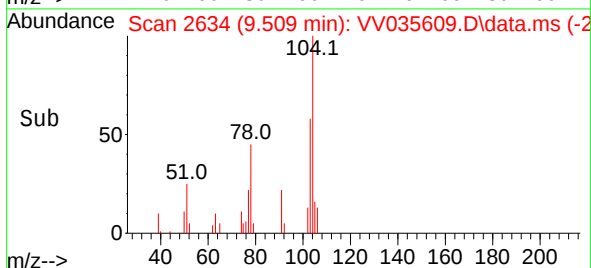
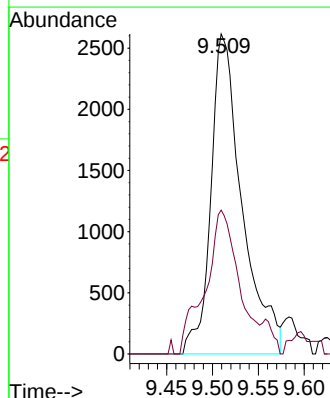
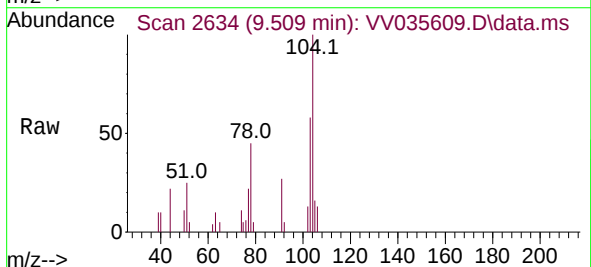
Instrument :
MSVOA_V
ClientSampleId :

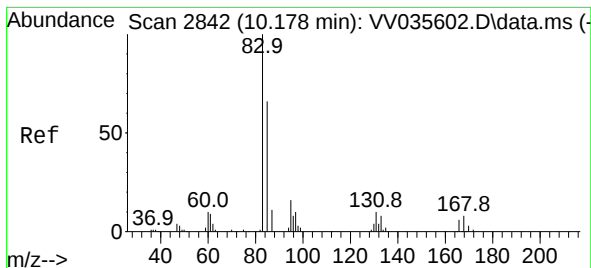
Tgt Ion:106 Resp: 4311
Ion Ratio Lower Upper
106 100
91 200.2 148.6 276.0



#55
Styrene
Concen: 0.140 ug/L
RT: 9.509 min Scan# 2634
Delta R.T. 0.016 min
Lab File: VV035609.D
Acq: 14 May 2024 14:57

Tgt Ion:104 Resp: 6182
Ion Ratio Lower Upper
104 100
78 45.0 30.6 56.8

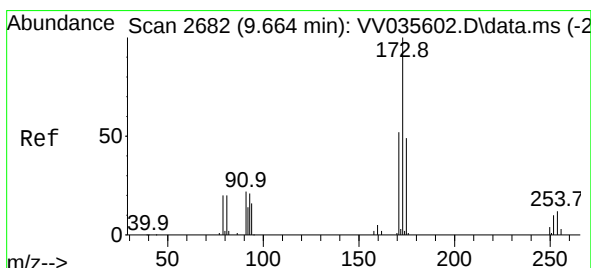
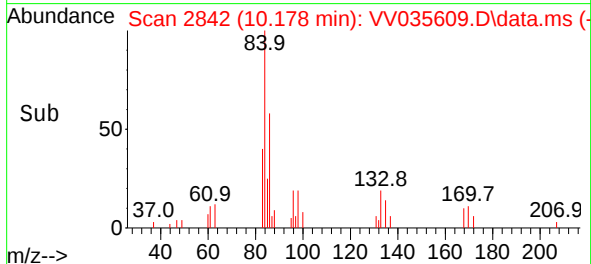
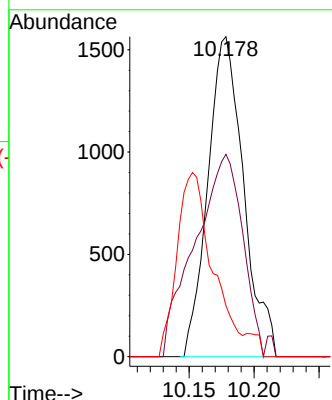
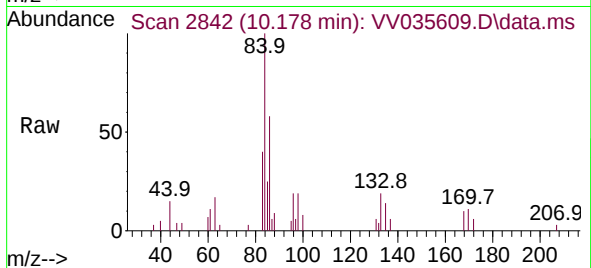




#57
1,1,2,2-Tetrachloroethane
Concen: 0.207 ug/L
RT: 10.178 min Scan# 2842
Delta R.T. 0.000 min
Lab File: VV035609.D
Acq: 14 May 2024 14:57

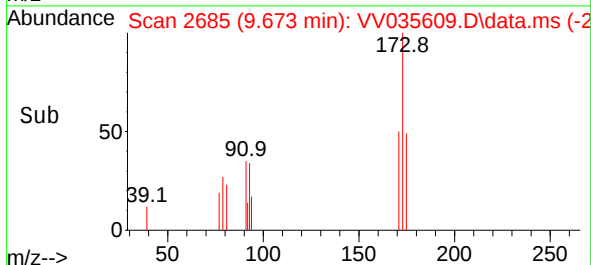
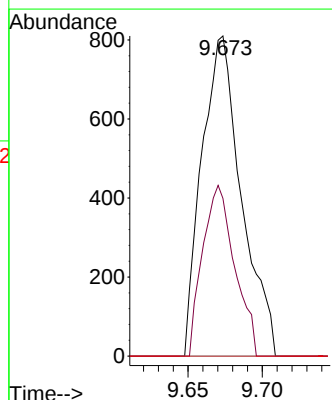
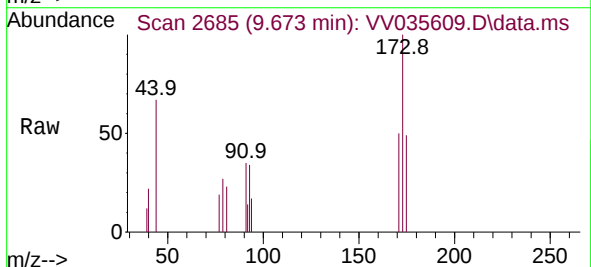
Instrument :
MSVOA_V
ClientSampleId :

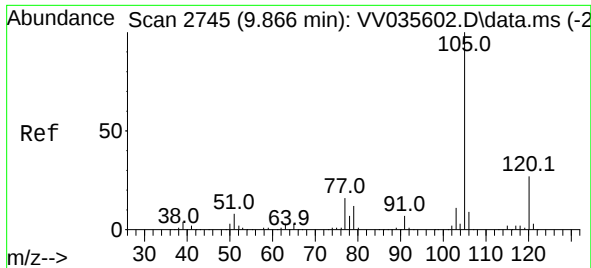
Tgt Ion: 83 Resp: 2991
Ion Ratio Lower Upper
83 100
85 63.2 46.1 85.7
131 15.9 8.2 12.2#



#59
Bromoform
Concen: 0.203 ug/L
RT: 9.673 min Scan# 2685
Delta R.T. 0.010 min
Lab File: VV035609.D
Acq: 14 May 2024 14:57

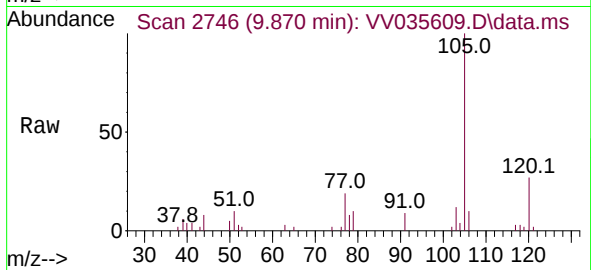
Tgt Ion: 173 Resp: 1503
Ion Ratio Lower Upper
173 100
175 43.1 38.0 57.0
254 0.0 8.6 13.0#



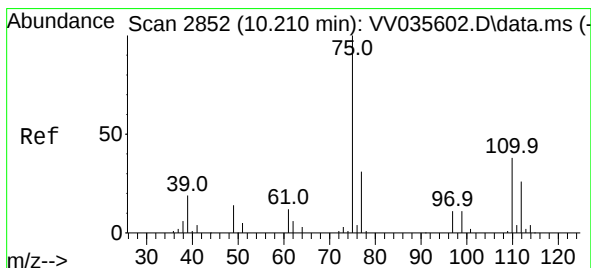
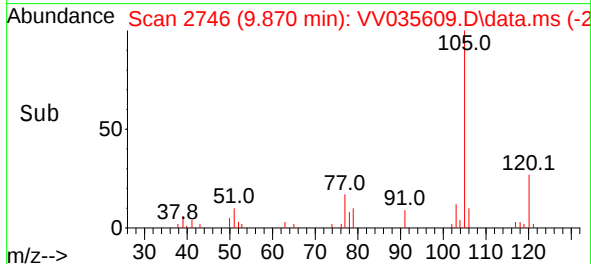
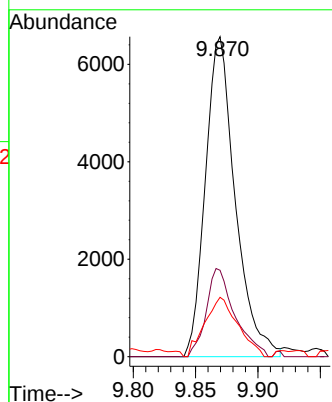


#60
Isopropylbenzene
Concen: 0.187 ug/L
RT: 9.870 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV035609.D
Acq: 14 May 2024 14:57

Instrument :
MSVOA_V
ClientSampleId :

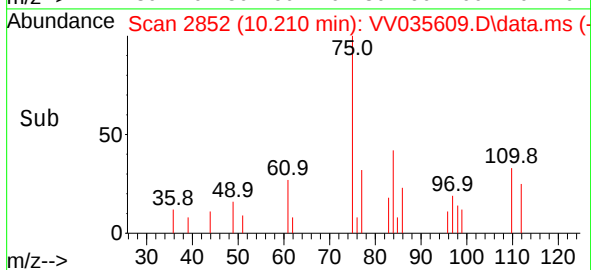
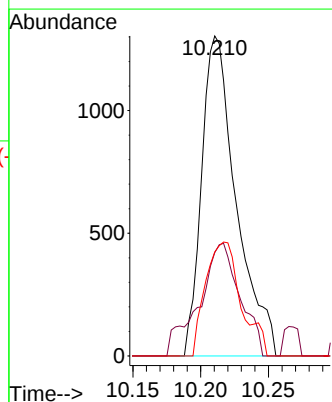
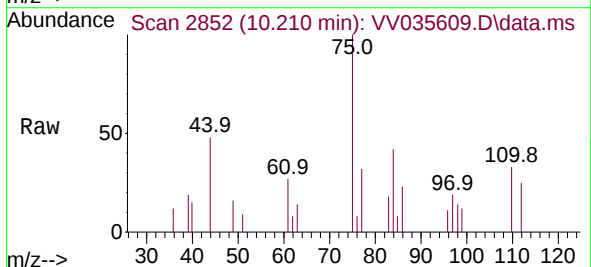


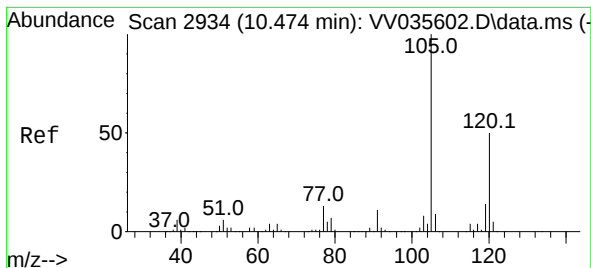
Tgt Ion:105 Resp: 10936
Ion Ratio Lower Upper
105 100
120 26.3 21.4 32.2
77 20.4 12.5 18.7#



#61
1,2,3-Trichloropropane
Concen: 0.241 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. 0.000 min
Lab File: VV035609.D
Acq: 14 May 2024 14:57

Tgt Ion: 75 Resp: 2316
Ion Ratio Lower Upper
75 100
77 41.7 24.2 36.2#
110 36.5 31.1 46.7





#62

1,3,5-Trimethylbenzene

Concen: 0.185 ug/L

RT: 10.480 min Scan# 2934

Delta R.T. 0.006 min

Lab File: VV035609.D

Acq: 14 May 2024 14:57

Instrument :

MSVOA_V

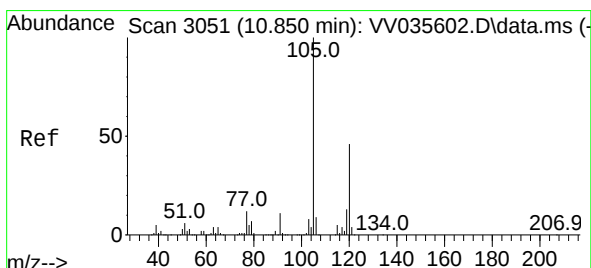
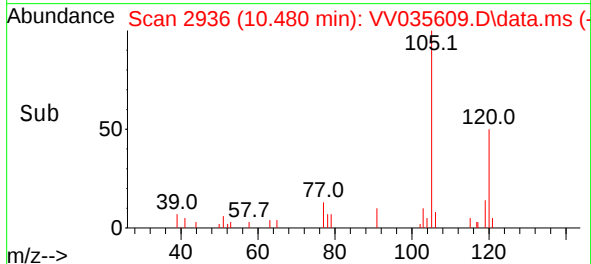
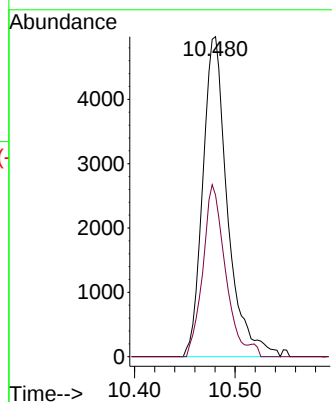
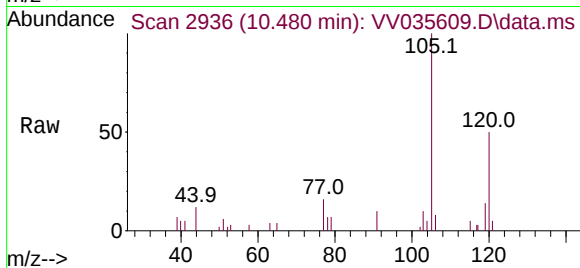
ClientSampleId :

Tgt Ion:105 Resp: 8497

Ion Ratio Lower Upper

105 100

120 48.2 39.9 59.9



#63

1,2,4-Trimethylbenzene

Concen: 0.179 ug/L

RT: 10.857 min Scan# 3053

Delta R.T. 0.006 min

Lab File: VV035609.D

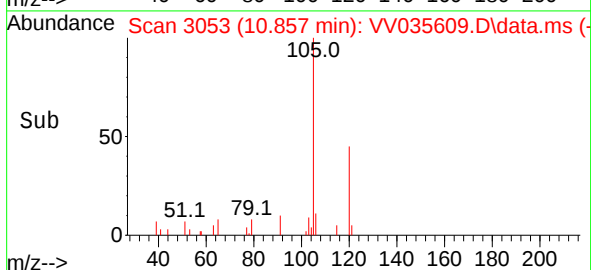
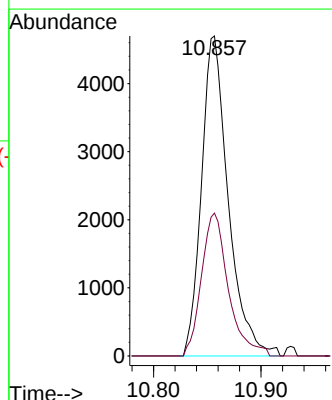
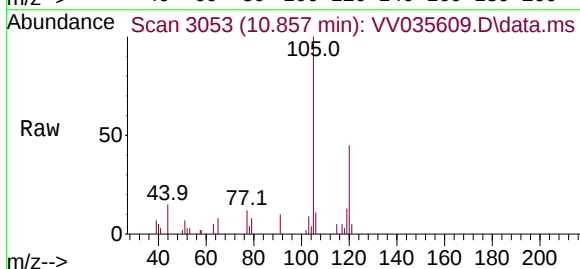
Acq: 14 May 2024 14:57

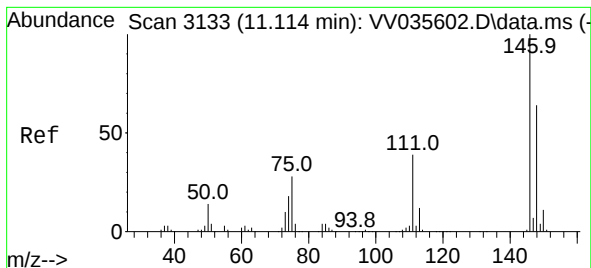
Tgt Ion:105 Resp: 8136

Ion Ratio Lower Upper

105 100

120 44.9 36.8 55.2





#64

1,3-Dichlorobenzene

Concen: 0.229 ug/L

RT: 11.127 min Scan# 3137

Delta R.T. 0.013 min

Lab File: VV035609.D

Acq: 14 May 2024 14:57

Instrument :

MSVOA_V

ClientSampleId :

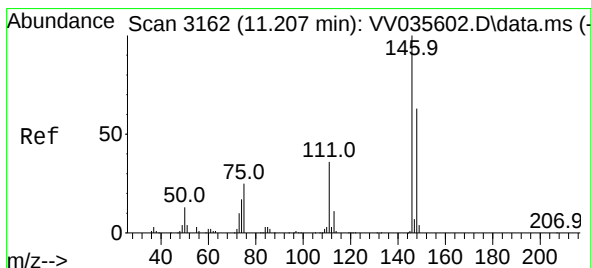
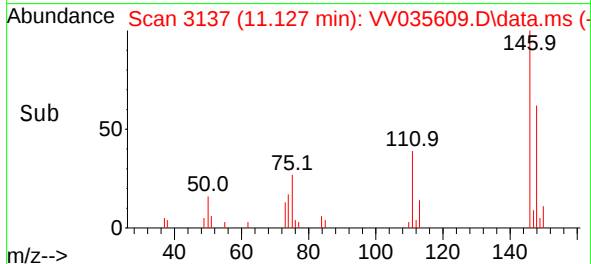
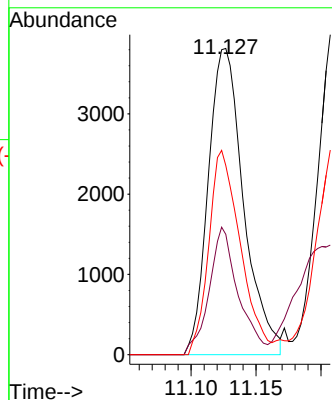
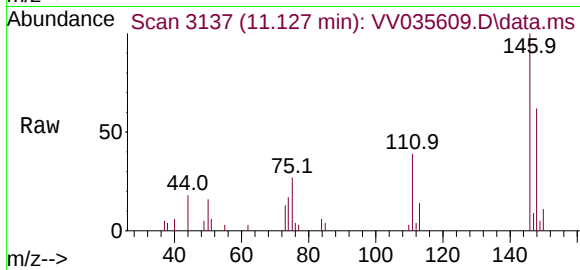
Tgt Ion:146 Resp: 7210

Ion Ratio Lower Upper

146 100

111 39.3 27.6 51.2

148 61.8 44.7 83.1



#65

1,4-Dichlorobenzene

Concen: 0.239 ug/L

RT: 11.210 min Scan# 3163

Delta R.T. 0.003 min

Lab File: VV035609.D

Acq: 14 May 2024 14:57

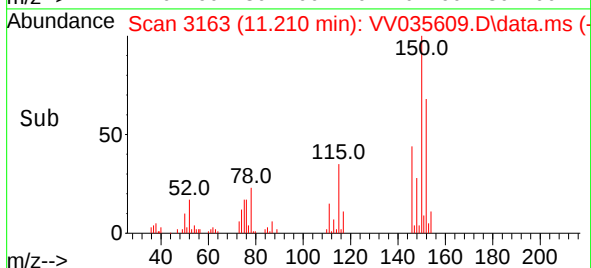
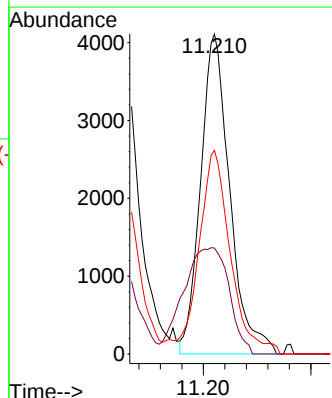
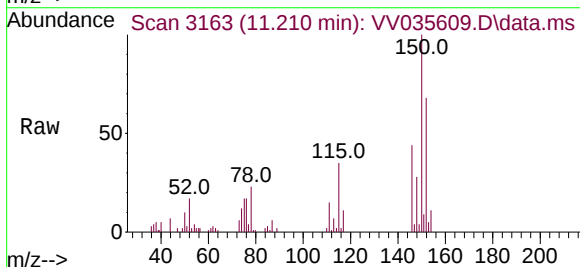
Tgt Ion:146 Resp: 7744

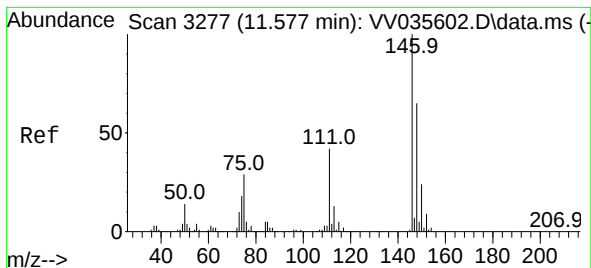
Ion Ratio Lower Upper

146 100

111 33.1 25.8 47.8

148 63.7 44.0 81.6





#67

1,2-Dichlorobenzene

Concen: 0.238 ug/L

RT: 11.580 min Scan# 31

Delta R.T. 0.003 min

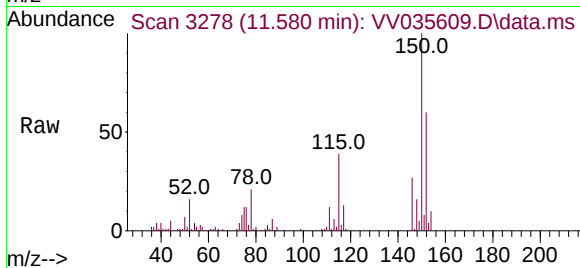
Lab File: VV035609.D

Acq: 14 May 2024 14:57

Instrument :

MSVOA_V

ClientSampleId :



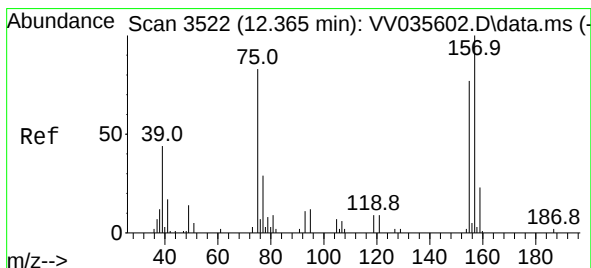
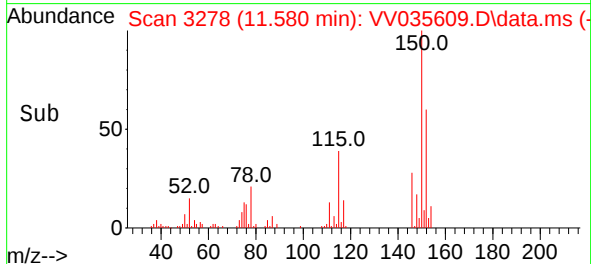
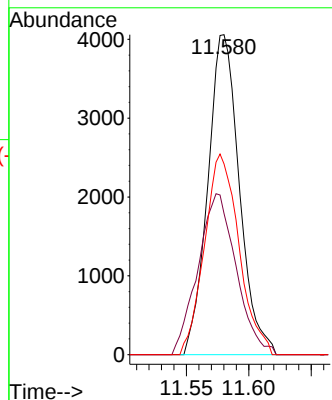
Tgt Ion:146 Resp: 7153

Ion Ratio Lower Upper

146 100

111 44.1 33.5 50.3

148 59.6 51.9 77.9



#68

1,2-Dibromo-3-chloropropane

Concen: 0.242 ug/L

RT: 12.368 min Scan# 3523

Delta R.T. 0.003 min

Lab File: VV035609.D

Acq: 14 May 2024 14:57

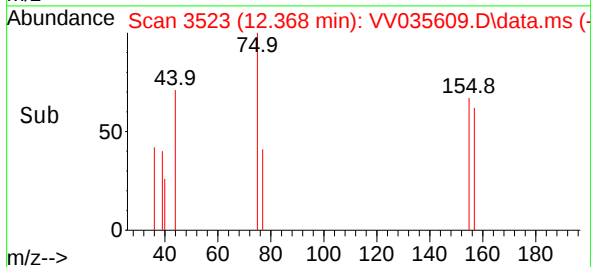
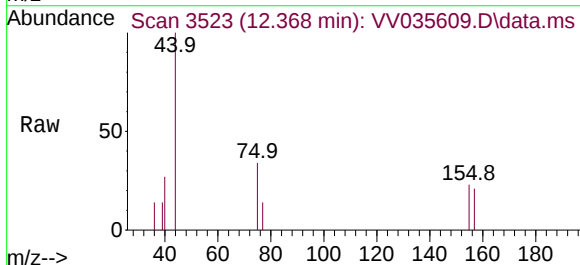
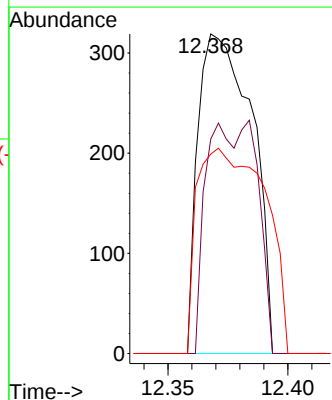
Tgt Ion: 75 Resp: 496

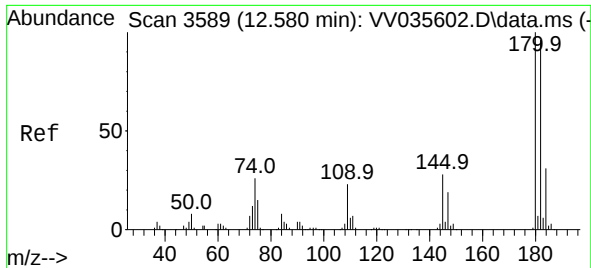
Ion Ratio Lower Upper

75 100

155 67.1 73.4 110.0#

157 62.4 95.8 143.8#





#69

1,3,5-Trichlorobenzene

Concen: 0.228 ug/L

RT: 12.586 min Scan# 3591

Delta R.T. 0.006 min

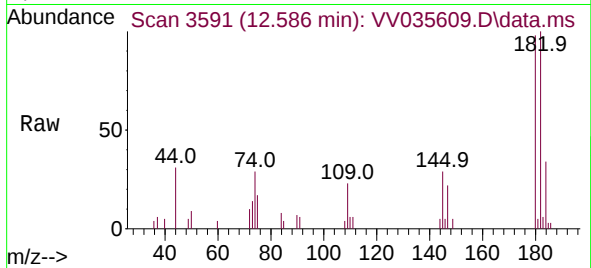
Lab File: VV035609.D

Acq: 14 May 2024 14:57

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 5429

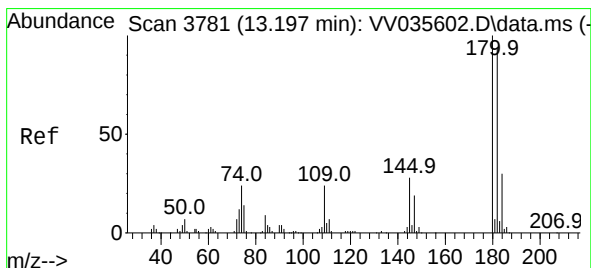
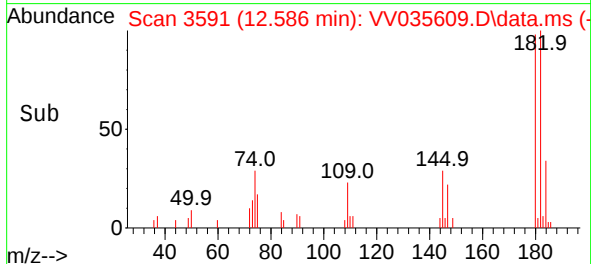
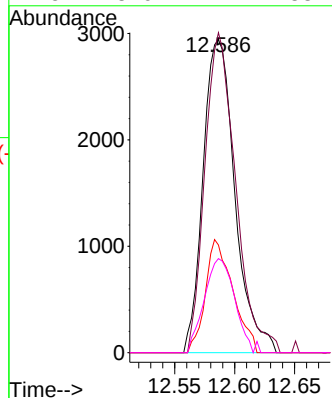
Ion Ratio Lower Upper

180 100

182 98.6 75.9 113.9

184 31.3 24.0 36.0

145 28.9 22.2 33.2



#70

1,2,4-trichlorobenzene

Concen: 0.238 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.003 min

Lab File: VV035609.D

Acq: 14 May 2024 14:57

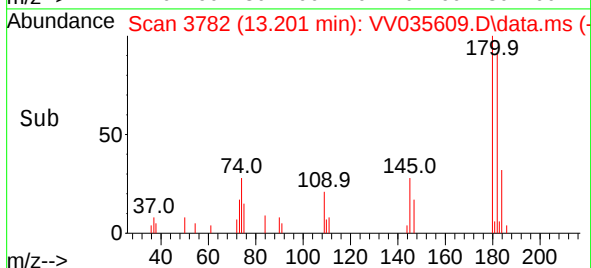
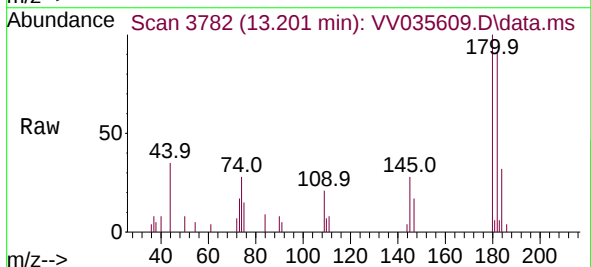
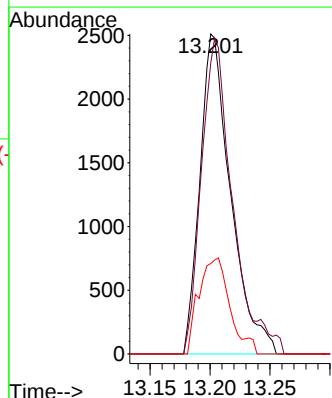
Tgt Ion:180 Resp: 4484

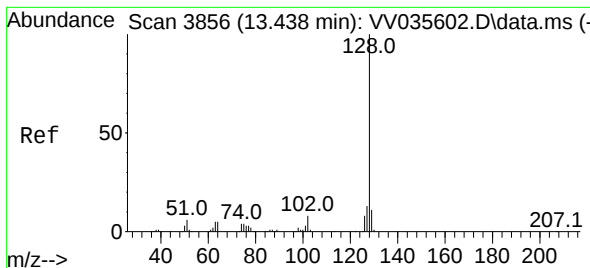
Ion Ratio Lower Upper

180 100

182 100.0 76.5 114.7

145 30.2 22.9 34.3





#71

Naphthalene

Concen: 0.227 ug/L

RT: 13.448 min Scan# 3856

Delta R.T. 0.010 min

Lab File: VV035609.D

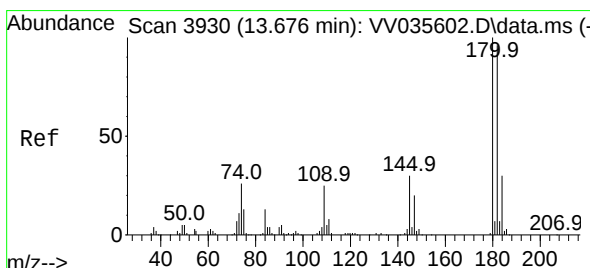
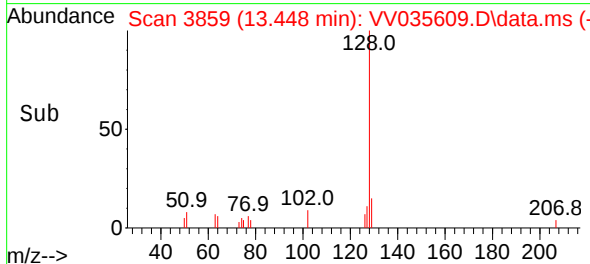
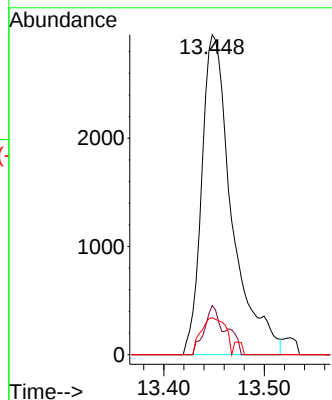
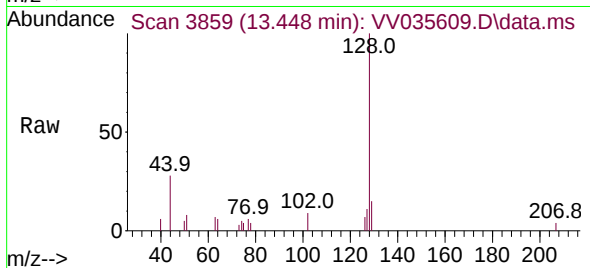
Acq: 14 May 2024 14:57

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:128	Resp:	6156
Ion Ratio	Lower	Upper
128	100	
129	8.3	8.6 12.8#
127	9.3	10.7 16.1#



#72

1,2,3-Trichlorobenzene

Concen: 0.221 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. 0.003 min

Lab File: VV035609.D

Acq: 14 May 2024 14:57

Tgt Ion:180	Resp:	3856
Ion Ratio	Lower	Upper
180	100	
182	101.5	76.6 114.8
145	30.3	25.1 37.7

