

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV051324\
 Data File : VV035591.D
 Acq On : 13 May 2024 10:47
 Operator : SY/MD
 Sample : P2409-02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 14 01:45:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050124WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 14 01:24:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	465219	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	460689	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	204116	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	143585	40.028	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.060%
7) Chloroethane-d5	1.523	69	131186	49.627	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.260%
11) 1,1-Dichloroethene-d2	2.056	65	65913	42.806	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.620%
21) 2-Butanone-d5	3.783	46	210628	87.003	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.000%
24) Chloroform-d	4.243	84	313039	47.577	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.160%
26) 1,2-Dichloroethane-d4	4.937	65	189847	48.995	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.000%
32) Benzene-d6	4.957	84	608545	46.929	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.860%
36) 1,2-Dichloropropane-d6	5.986	67	197271	48.791	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.580%
41) Toluene-d8	7.239	98	513336	43.491	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.980%
43) trans-1,3-Dichloroprop...	7.551	79	83211	42.227	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.460%
47) 2-Hexanone-d5	8.021	63	148634	79.998	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.000%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	262839	42.663	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.320%
66) 1,2-Dichlorobenzene-d4	11.558	152	203894	50.278	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.560%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	7884	2.530	ug/L	97
3) Chloromethane	1.214	50	9542	2.826	ug/L	98
5) Vinyl chloride	1.282	62	9652	2.715	ug/L #	81
6) Bromomethane	1.478	94	5032	2.226	ug/L	99
8) Chloroethane	1.542	64	6323	3.093	ug/L	98
9) Trichlorofluoromethane	1.709	101	13294	2.779	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	10038	3.311	ug/L	88
12) 1,1-Dichloroethene	2.066	96	8807	3.252	ug/L #	1
13) Acetone	2.114	43	13163	5.873	ug/L	100
14) Carbon disulfide	2.236	76	17892	2.515	ug/L	99
15) Methyl Acetate	2.381	43	8893	2.446	ug/L #	77
16) Methylene chloride	2.445	84	9719	2.832	ug/L	90
17) trans-1,2-Dichloroethene	2.696	96	7507	2.622	ug/L	99
18) Methyl tert-butyl Ether	2.706	73	22713	2.256	ug/L	98
19) 1,1-Dichloroethane	3.114	63	15917	2.648	ug/L	99
20) cis-1,2-Dichloroethene	3.818	96	9106	2.674	ug/L	91
22) 2-Butanone	3.912	43	3451	1.301	ug/L	74
23) Bromochloromethane	4.162	128	4658	2.501	ug/L	96
25) Chloroform	4.272	83	20569	3.315	ug/L	96

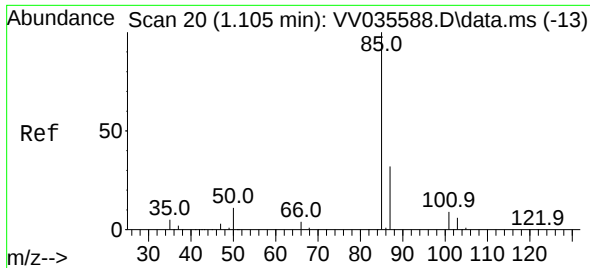
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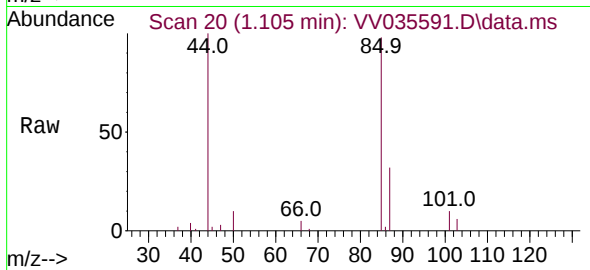
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.056	62	10371	2.336	ug/L	98
29) Cyclohexane	4.577	56	8291	2.016	ug/L	90
30) 1,1,1-Trichloroethane	4.510	97	13557	2.571	ug/L	99
31) Carbon tetrachloride	4.735	117	11927	2.616	ug/L	98
33) Benzene	5.015	78	29179	2.346	ug/L	100
34) Trichloroethene	5.841	95	9691	2.927	ug/L	93
35) Methylcyclohexane	6.047	83	10136	2.170	ug/L	95
37) 1,2-Dichloropropane	6.104	63	7575	2.216	ug/L	100
38) Bromodichloromethane	6.439	83	12718	2.705	ug/L	98
39) cis-1,3-Dichloropropene	6.966	75	11807	2.200	ug/L	96
40) 4-Methyl-2-pentanone	7.166	43	16032	3.514	ug/L	97
42) Toluene	7.323	91	32281	2.473	ug/L	96
44) trans-1,3-Dichloropropene	7.590	75	15663	3.073	ug/L	91
45) 1,1,2-Trichloroethane	7.773	97	9332	2.553	ug/L	95
46) Tetrachloroethene	7.908	164	6764	2.530	ug/L	96
48) 2-Hexanone	8.088	43	15993	4.308	ug/L	93
49) Dibromochloromethane	8.178	129	10206	2.667	ug/L	92
50) 1,2-Dibromoethane	8.291	107	9725	2.546	ug/L	94
51) Chlorobenzene	8.815	112	22586	2.493	ug/L	96
52) Ethylbenzene	8.950	91	31798	2.255	ug/L	98
53) m,p-Xylene	9.079	106	10883	2.081	ug/L	89
54) o-Xylene	9.481	106	10410	1.975	ug/L	94
55) Styrene	9.503	104	15843	1.739	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.175	83	15477	2.474	ug/L #	92
59) Bromoform	9.667	173	7133	2.702	ug/L #	94
60) Isopropylbenzene	9.866	105	26759	2.270	ug/L	96
61) 1,2,3-Trichloropropane	10.210	75	12193	2.978	ug/L	98
62) 1,3,5-Trimethylbenzene	10.474	105	20420	2.165	ug/L	96
63) 1,2,4-Trimethylbenzene	10.853	105	19223	2.032	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	15346	2.514	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	16857	2.617	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	18601	2.913	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.368	75	3310	2.745	ug/L #	81
69) 1,3,5-Trichlorobenzene	12.583	180	11555	2.494	ug/L	97
70) 1,2,4-trichlorobenzene	13.201	180	9178	2.249	ug/L	98
71) Naphthalene	13.442	128	21272	1.860	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	10068	2.377	ug/L	97

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

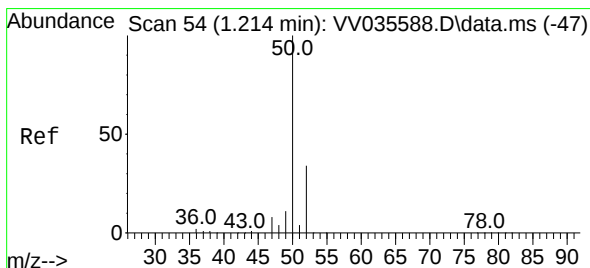
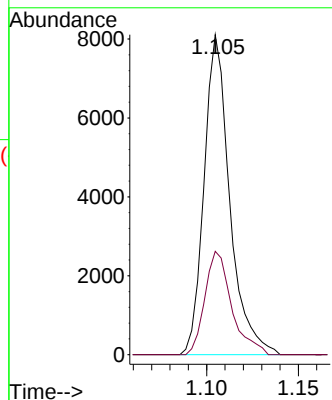
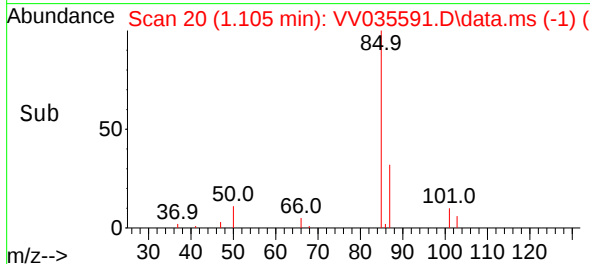


#2
 Dichlorodifluoromethane
 Concen: 2.530 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV035591.D
 Acq: 13 May 2024 10:47

Instrument :
 MSVOA_V
 ClientSampleId :

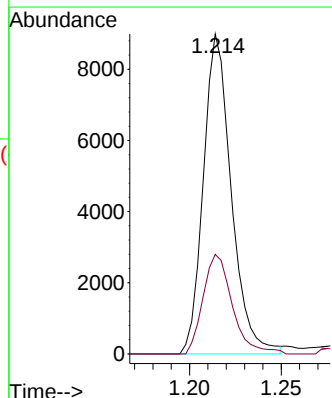
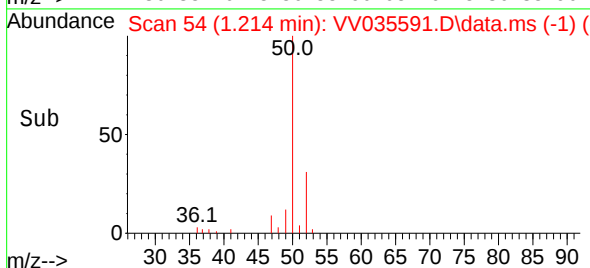
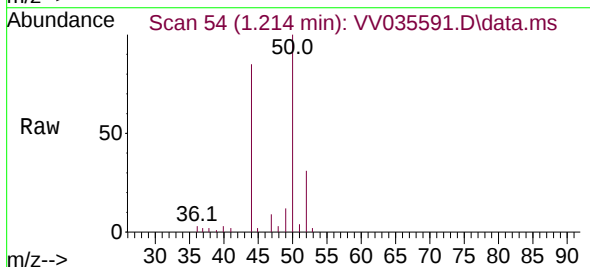


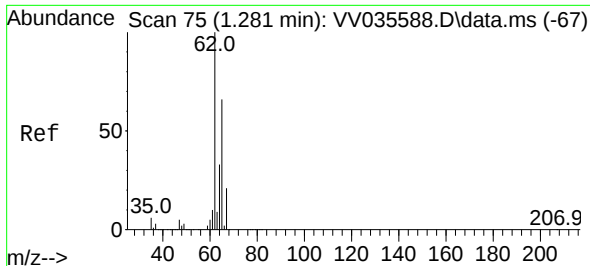
Tgt Ion: 85 Resp: 7884
 Ion Ratio Lower Upper
 85 100
 87 33.8 25.8 38.8



#3
 Chloromethane
 Concen: 2.826 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. 0.000 min
 Lab File: VV035591.D
 Acq: 13 May 2024 10:47

Tgt Ion: 50 Resp: 9542
 Ion Ratio Lower Upper
 50 100
 52 31.1 22.6 42.0

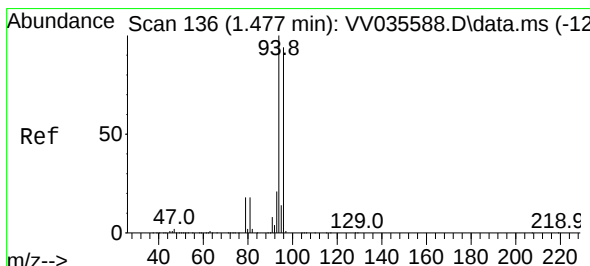
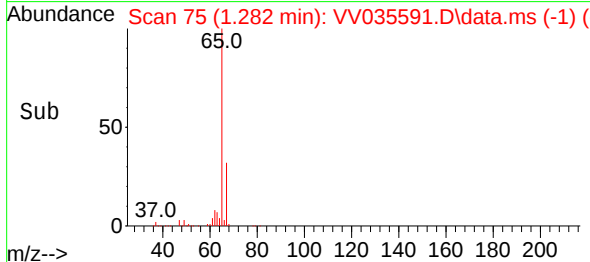
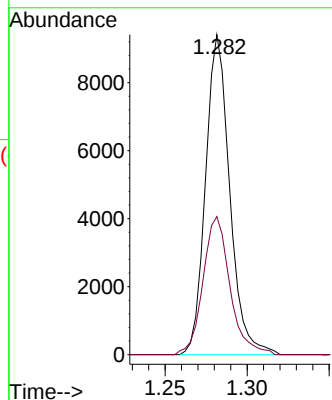
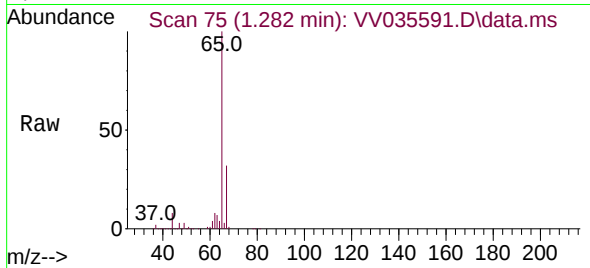




#5
 Vinyl chloride
 Concen: 2.715 ug/L
 RT: 1.282 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VV035591.D
 Acq: 13 May 2024 10:47

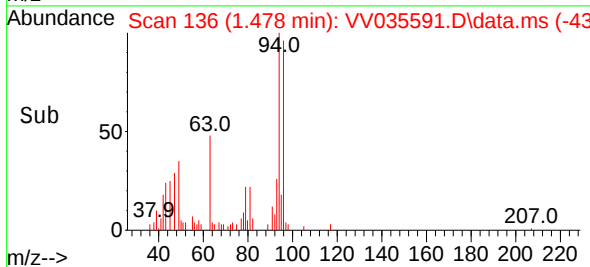
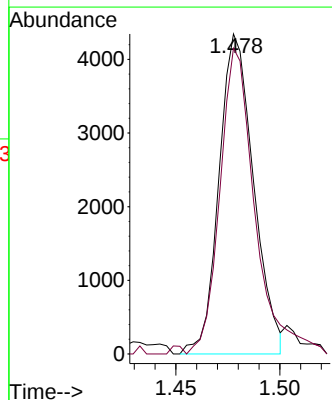
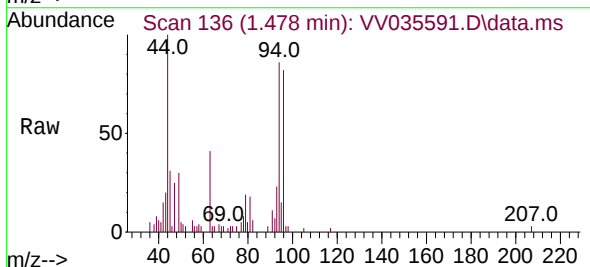
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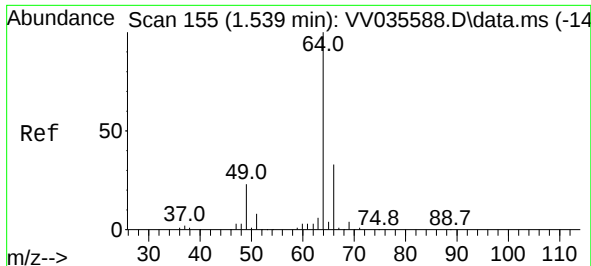
Tgt Ion: 62 Resp: 9652
 Ion Ratio Lower Upper
 62 100
 64 43.1 22.9 42.5#



#6
 Bromomethane
 Concen: 2.226 ug/L
 RT: 1.478 min Scan# 136
 Delta R.T. 0.000 min
 Lab File: VV035591.D
 Acq: 13 May 2024 10:47

Tgt Ion: 94 Resp: 5032
 Ion Ratio Lower Upper
 94 100
 96 95.5 66.2 123.0

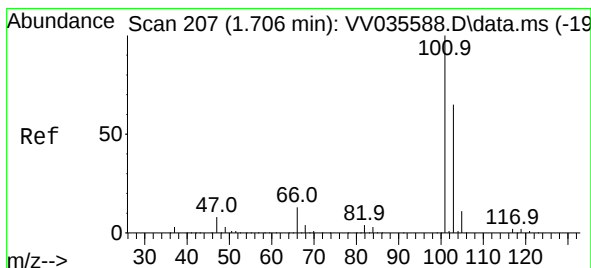
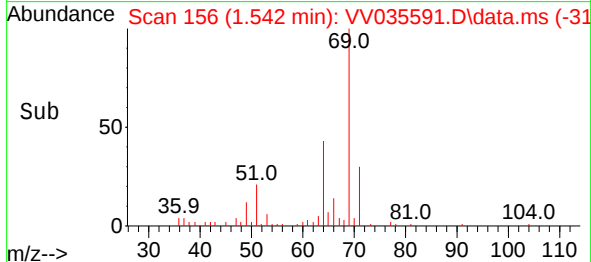
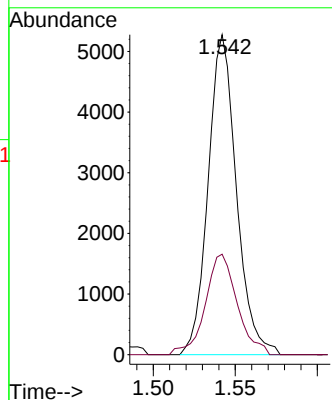
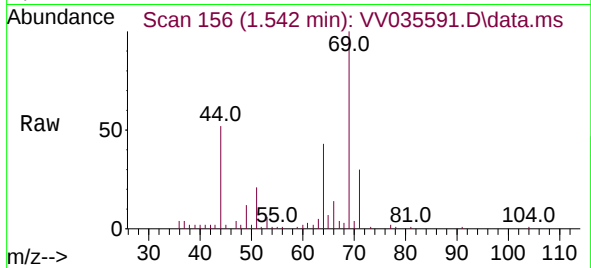




#8
Chloroethane
Concen: 3.093 ug/L
RT: 1.542 min Scan# 156
Delta R.T. 0.003 min
Lab File: VV035591.D
Acq: 13 May 2024 10:47

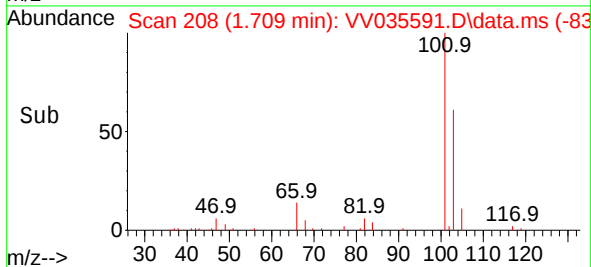
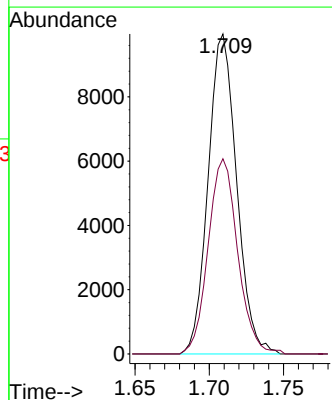
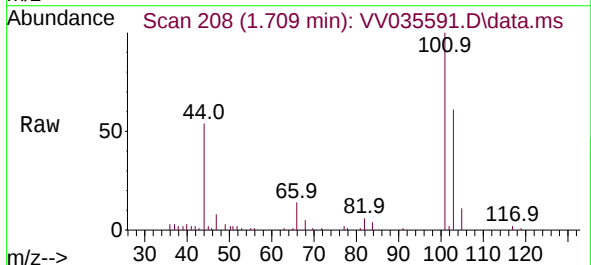
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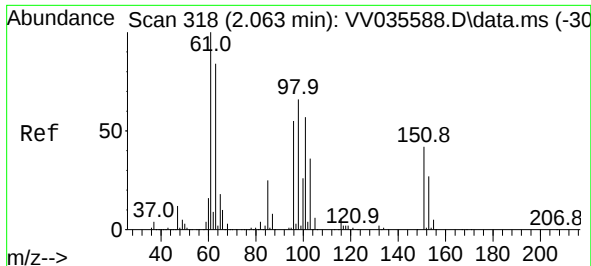
Tgt Ion: 64 Resp: 6323
Ion Ratio Lower Upper
64 100
66 31.4 22.7 42.1



#9
Trichlorofluoromethane
Concen: 2.779 ug/L
RT: 1.709 min Scan# 208
Delta R.T. 0.003 min
Lab File: VV035591.D
Acq: 13 May 2024 10:47

Tgt Ion:101 Resp: 13294
Ion Ratio Lower Upper
101 100
103 63.1 52.0 78.0

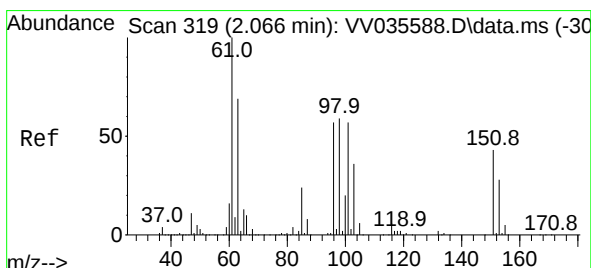
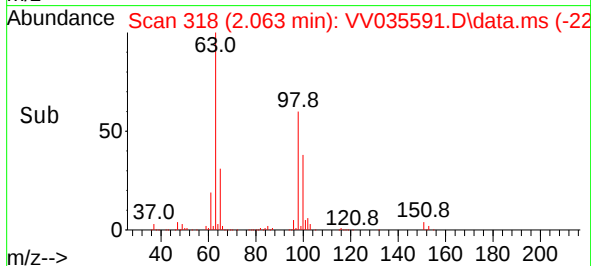
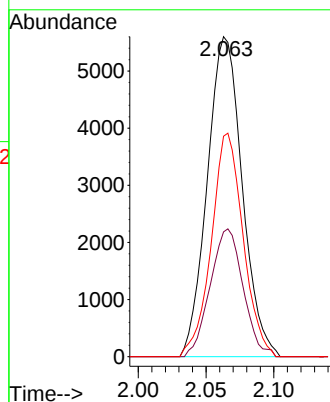
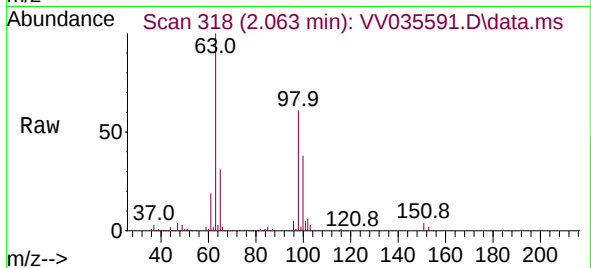




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 3.311 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. 0.000 min
 Lab File: VV035591.D
 Acq: 13 May 2024 10:47

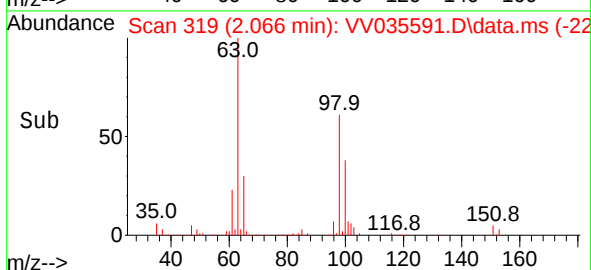
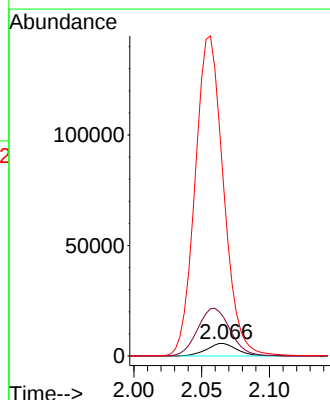
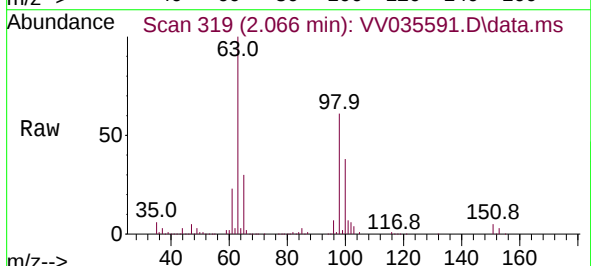
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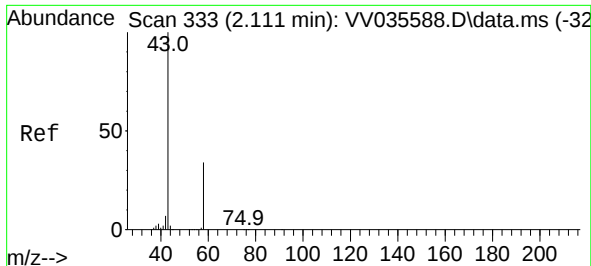
Tgt Ion:101 Resp: 10038
 Ion Ratio Lower Upper
 101 100
 85 37.4 34.4 51.6
 151 63.5 60.1 90.1



#12
 1,1-Dichloroethene
 Concen: 3.252 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. 0.000 min
 Lab File: VV035591.D
 Acq: 13 May 2024 10:47

Tgt Ion: 96 Resp: 8807
 Ion Ratio Lower Upper
 96 100
 61 309.2 126.5 234.9#
 63 1366.0 118.1 219.3#





#13

Acetone

Concen: 5.873 ug/L

RT: 2.114 min Scan# 333

Delta R.T. 0.003 min

Lab File: VV035591.D

Acq: 13 May 2024 10:47

Instrument :

MSVOA_V

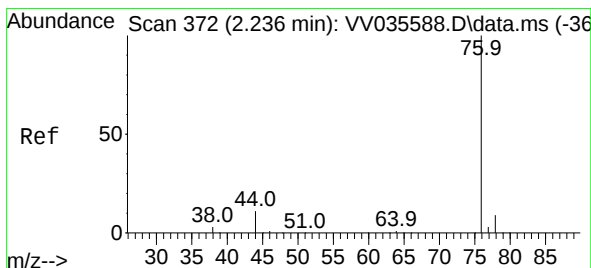
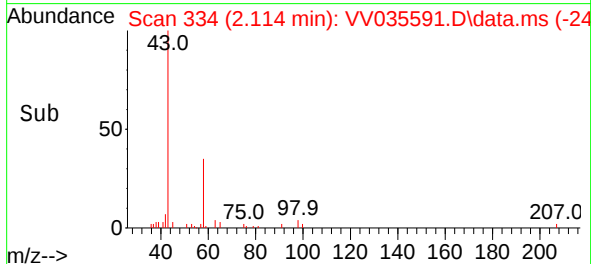
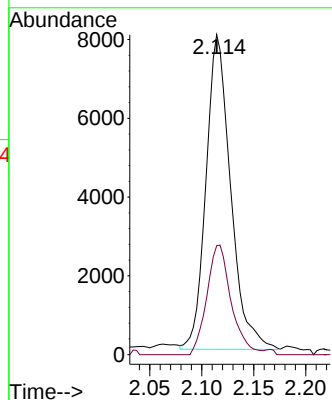
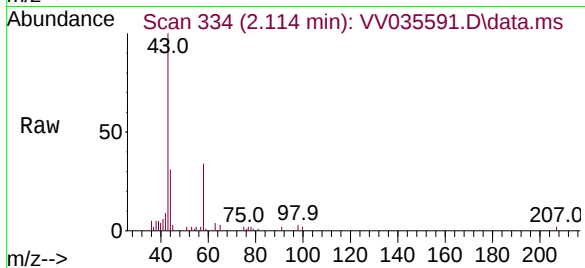
ClientSampleId :

Tgt Ion: 43 Resp: 13163

Ion Ratio Lower Upper

43 100

58 34.4 0.0 68.8



#14

Carbon disulfide

Concen: 2.515 ug/L

RT: 2.236 min Scan# 372

Delta R.T. 0.000 min

Lab File: VV035591.D

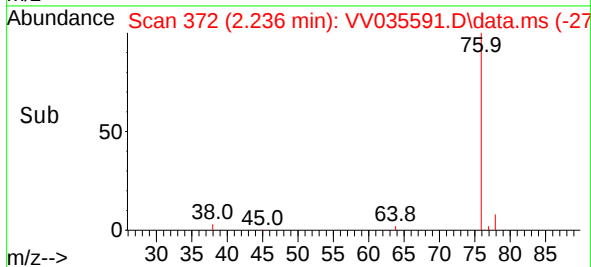
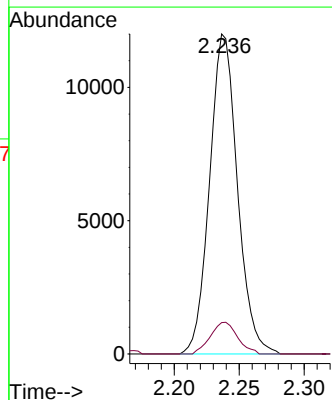
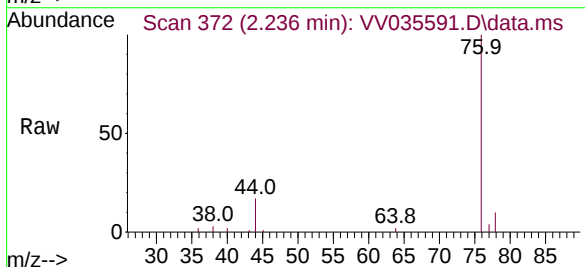
Acq: 13 May 2024 10:47

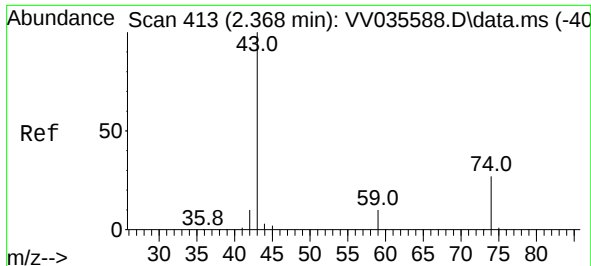
Tgt Ion: 76 Resp: 17892

Ion Ratio Lower Upper

76 100

78 9.8 7.6 11.4





#15

Methyl Acetate

Concen: 2.446 ug/L

RT: 2.381 min Scan# 41

Delta R.T. 0.013 min

Lab File: VV035591.D

Acq: 13 May 2024 10:47

Instrument :

MSVOA_V

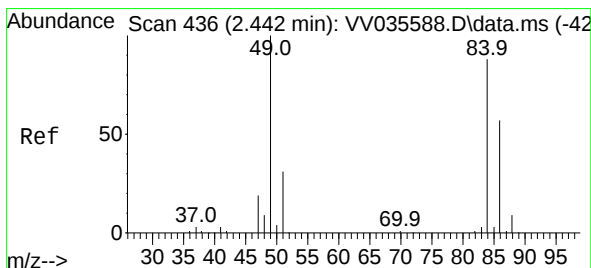
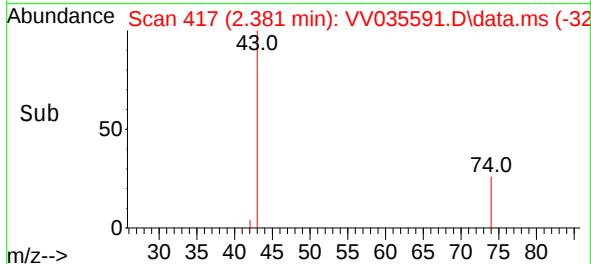
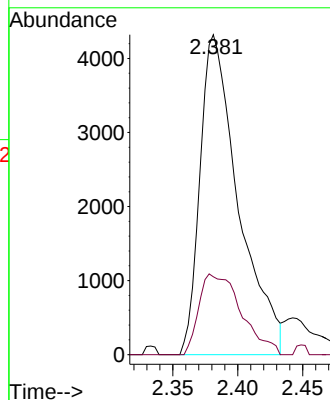
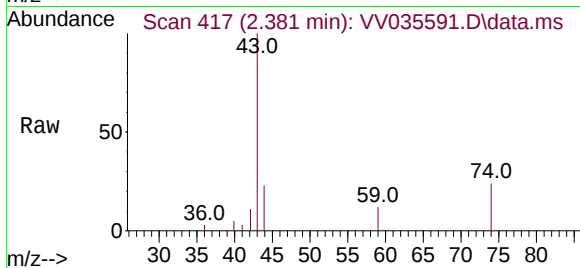
ClientSampleId :

Tgt Ion: 43 Resp: 8893

Ion Ratio Lower Upper

43 100

74 14.9 21.6 32.4#



#16

Methylene chloride

Concen: 2.832 ug/L

RT: 2.445 min Scan# 437

Delta R.T. 0.003 min

Lab File: VV035591.D

Acq: 13 May 2024 10:47

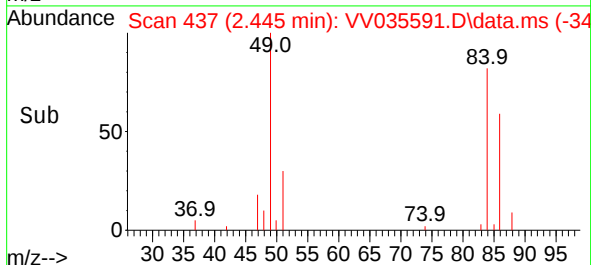
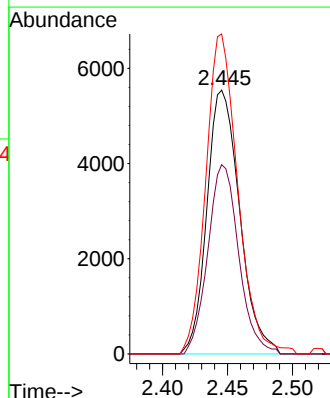
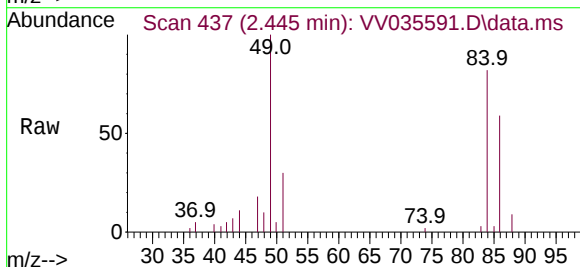
Tgt Ion: 84 Resp: 9719

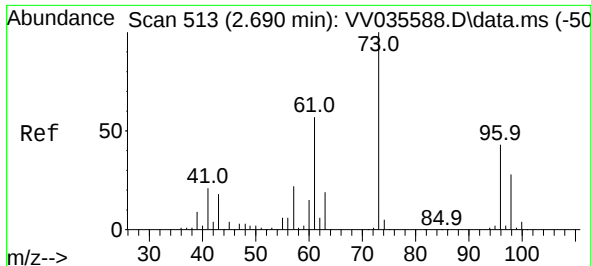
Ion Ratio Lower Upper

84 100

86 71.7 45.3 84.1

49 121.3 76.9 142.7





#17

trans-1,2-Dichloroethene

Concen: 2.622 ug/L

RT: 2.696 min Scan# 513

Delta R.T. 0.007 min

Lab File: VV035591.D

Acq: 13 May 2024 10:47

Instrument :

MSVOA_V

ClientSampleId :

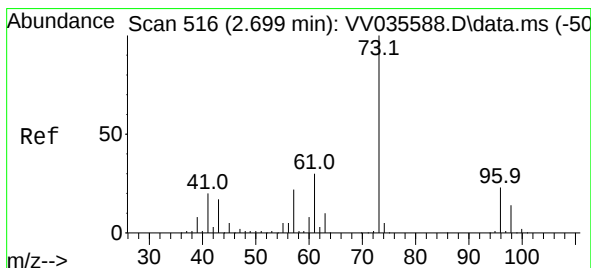
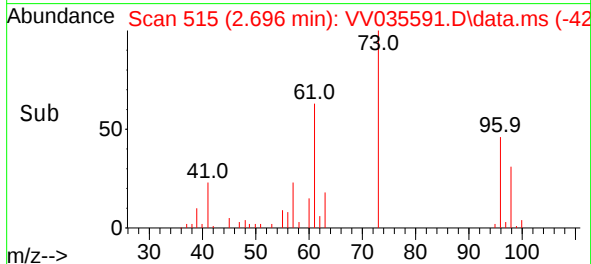
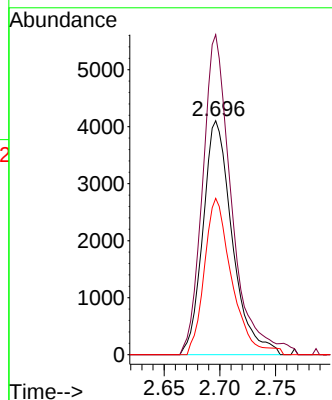
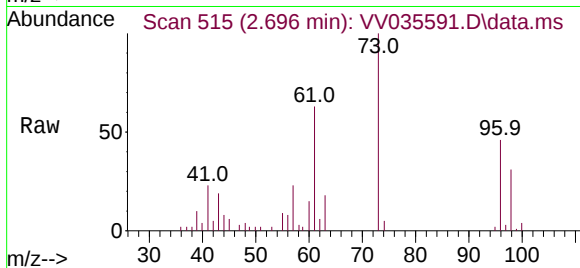
Tgt Ion: 96 Resp: 7507

Ion Ratio Lower Upper

96 100

61 136.8 95.5 177.3

98 66.9 44.9 83.5



#18

Methyl tert-butyl Ether

Concen: 2.256 ug/L

RT: 2.706 min Scan# 518

Delta R.T. 0.007 min

Lab File: VV035591.D

Acq: 13 May 2024 10:47

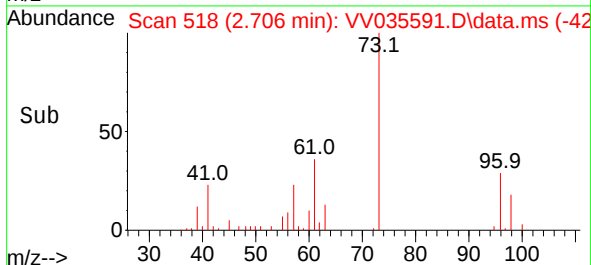
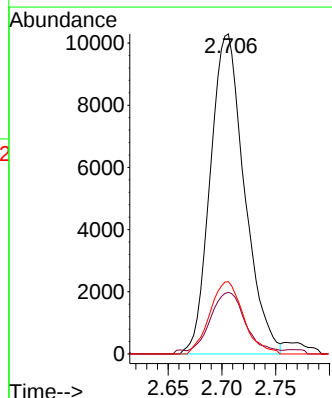
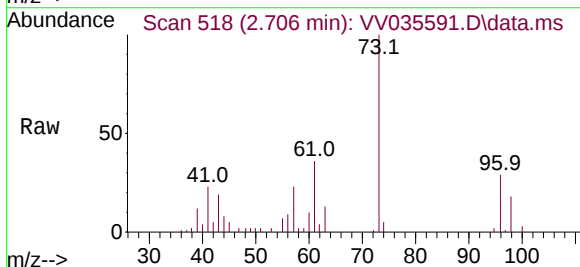
Tgt Ion: 73 Resp: 22713

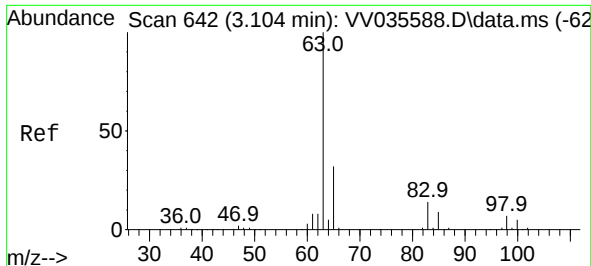
Ion Ratio Lower Upper

73 100

43 18.7 13.6 20.4

57 22.2 17.4 26.0

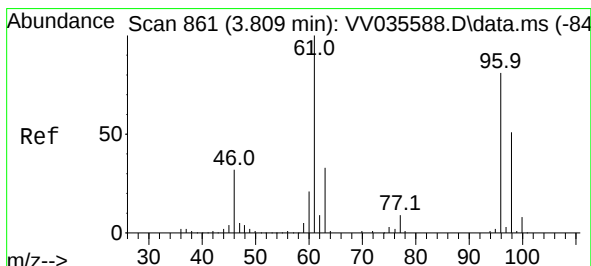
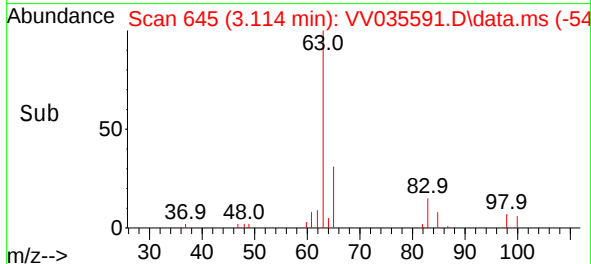
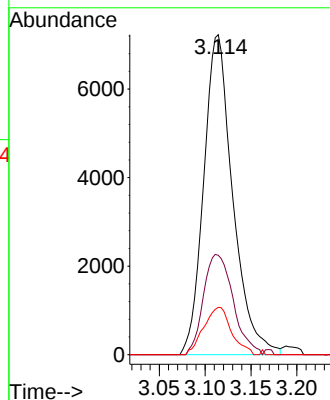
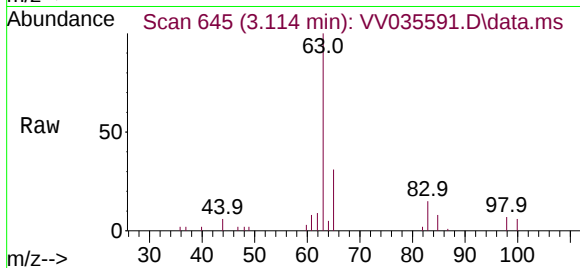




#19
1,1-Dichloroethane
Concen: 2.648 ug/L
RT: 3.114 min Scan# 64
Delta R.T. 0.010 min
Lab File: VV035591.D
Acq: 13 May 2024 10:47

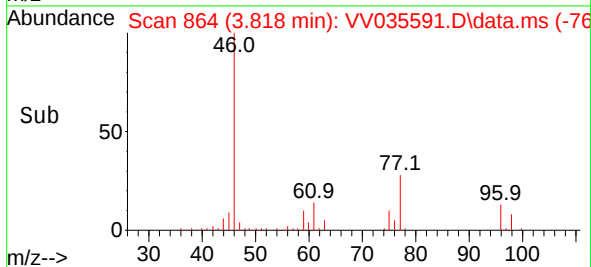
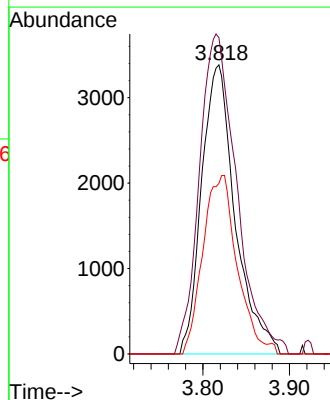
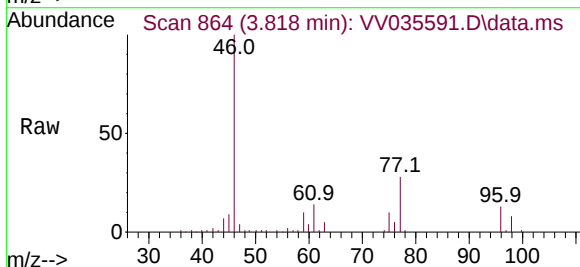
Instrument :
MSVOA_V
ClientSampleId :

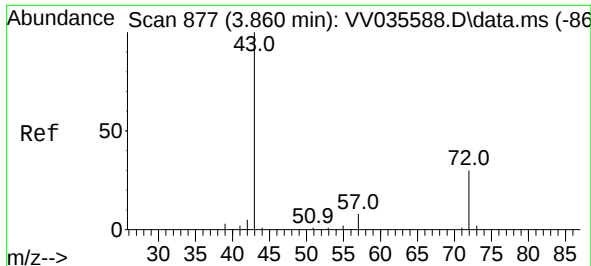
Tgt Ion: 63 Resp: 15917
Ion Ratio Lower Upper
63 100
65 31.0 21.8 40.4
83 14.8 9.2 17.2



#20
cis-1,2-Dichloroethene
Concen: 2.674 ug/L
RT: 3.818 min Scan# 864
Delta R.T. 0.010 min
Lab File: VV035591.D
Acq: 13 May 2024 10:47

Tgt Ion: 96 Resp: 9106
Ion Ratio Lower Upper
96 100
61 109.4 84.0 156.0
98 59.0 44.9 83.5





#22

2-Butanone

Concen: 1.301 ug/L

RT: 3.912 min Scan# 80

Delta R.T. 0.052 min

Lab File: VV035591.D

Acq: 13 May 2024 10:47

Instrument :

MSVOA_V

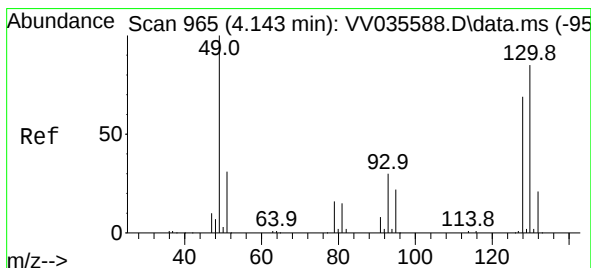
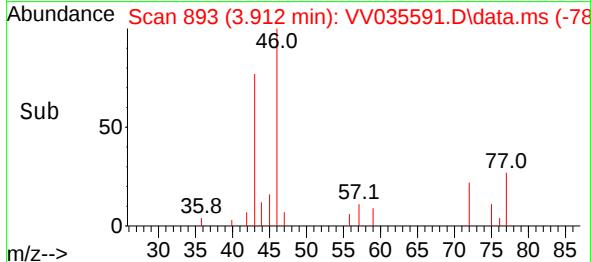
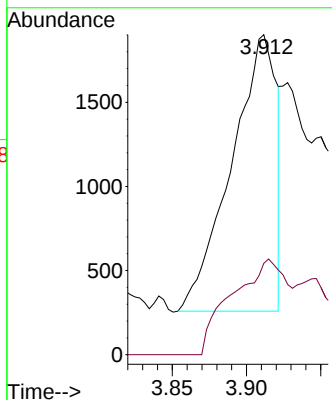
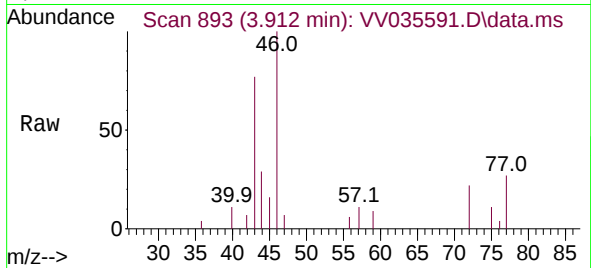
ClientSampleId :

Tgt Ion: 43 Resp: 3451

Ion Ratio Lower Upper

43 100

72 42.4 14.4 43.0



#23

Bromochloromethane

Concen: 2.501 ug/L

RT: 4.162 min Scan# 971

Delta R.T. 0.019 min

Lab File: VV035591.D

Acq: 13 May 2024 10:47

Tgt Ion: 128 Resp: 4658

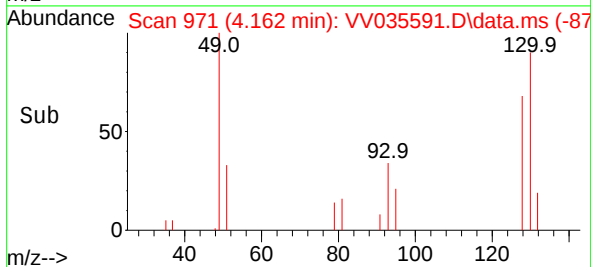
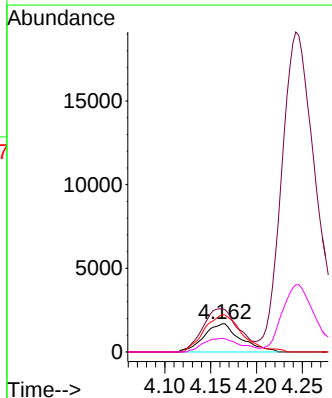
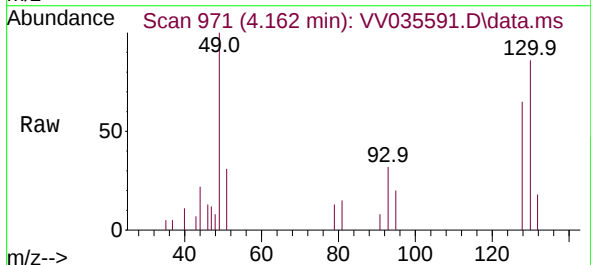
Ion Ratio Lower Upper

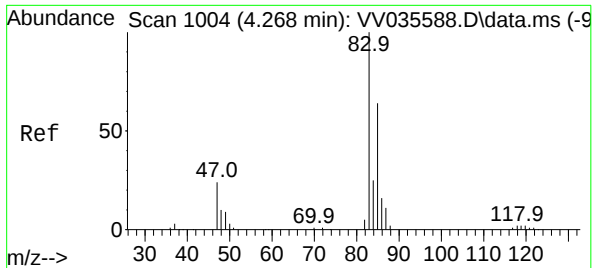
128 100

49 153.3 102.0 189.4

130 132.5 91.5 169.9

51 48.3 37.3 55.9

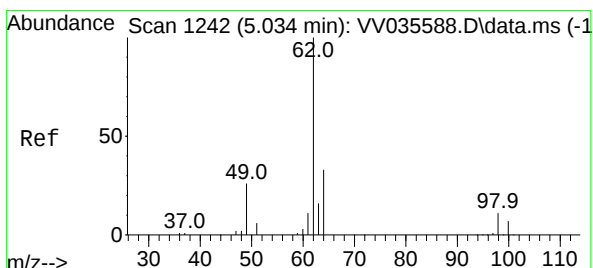
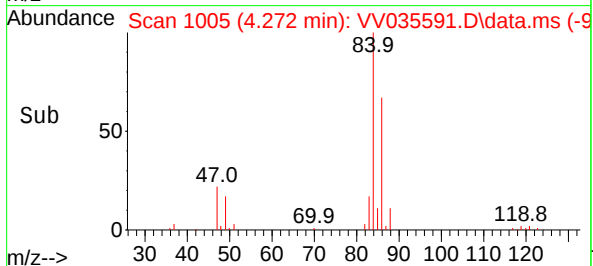
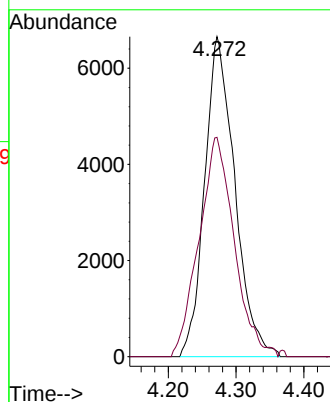
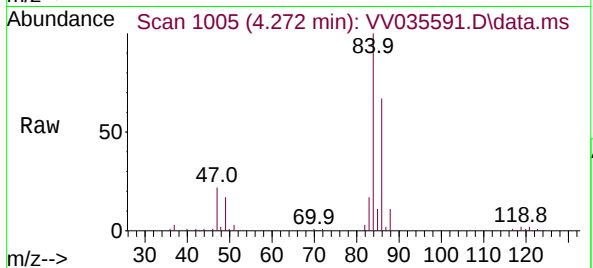




#25
Chloroform
Concen: 3.315 ug/L
RT: 4.272 min Scan# 1005
Delta R.T. 0.003 min
Lab File: VV035591.D
Acq: 13 May 2024 10:47

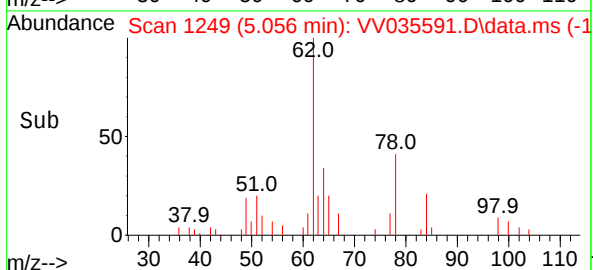
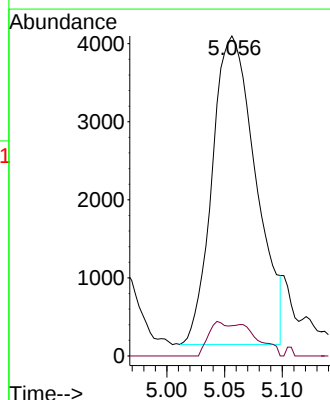
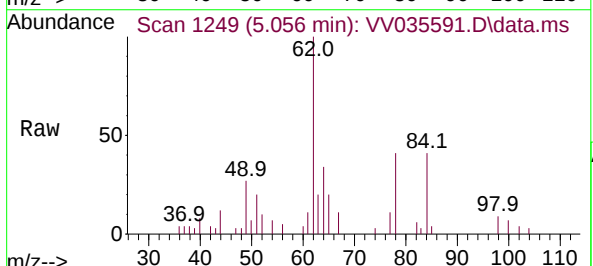
Instrument :
MSVOA_V
ClientSampleId :

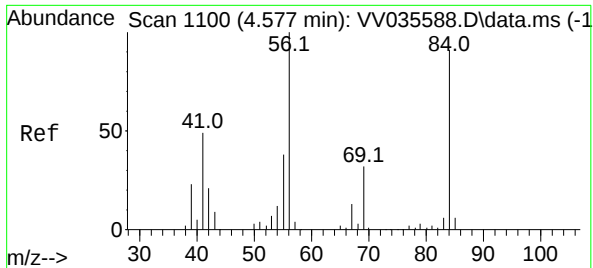
Tgt Ion: 83 Resp: 20569
Ion Ratio Lower Upper
83 100
85 68.5 45.8 85.2



#27
1,2-Dichloroethane
Concen: 2.336 ug/L
RT: 5.056 min Scan# 1249
Delta R.T. 0.023 min
Lab File: VV035591.D
Acq: 13 May 2024 10:47

Tgt Ion: 62 Resp: 10371
Ion Ratio Lower Upper
62 100
98 9.5 8.2 12.2





#29

Cyclohexane

Concen: 2.016 ug/L

RT: 4.577 min Scan# 1100

Delta R.T. 0.000 min

Lab File: VV035591.D

Acq: 13 May 2024 10:47

Instrument :

MSVOA_V

ClientSampleId :

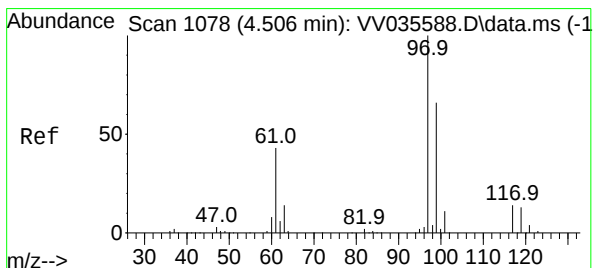
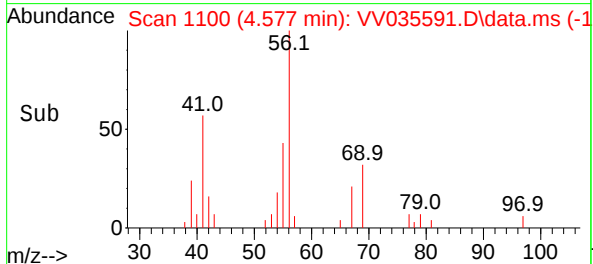
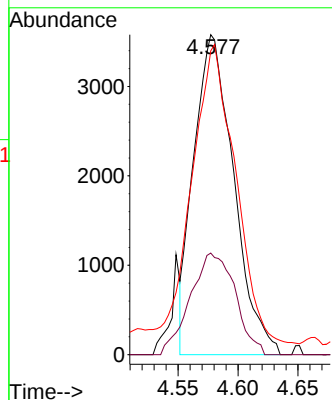
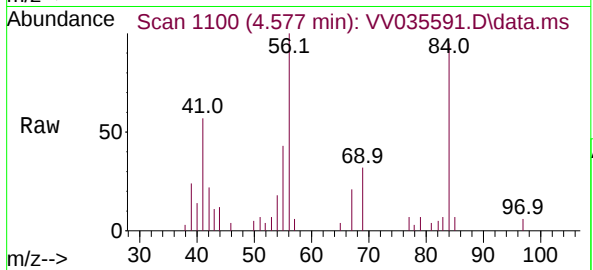
Tgt Ion: 56 Resp: 8291

Ion Ratio Lower Upper

56 100

69 35.6 25.5 38.3

84 102.4 73.6 110.4



#30

1,1,1-Trichloroethane

Concen: 2.571 ug/L

RT: 4.510 min Scan# 1079

Delta R.T. 0.003 min

Lab File: VV035591.D

Acq: 13 May 2024 10:47

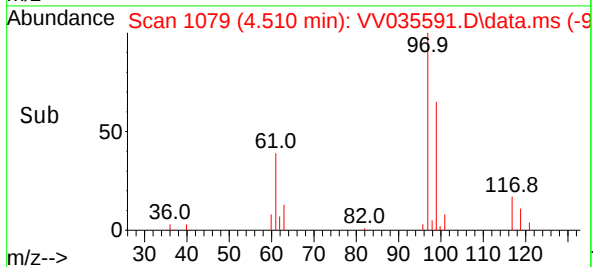
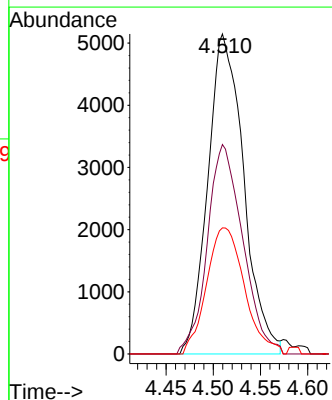
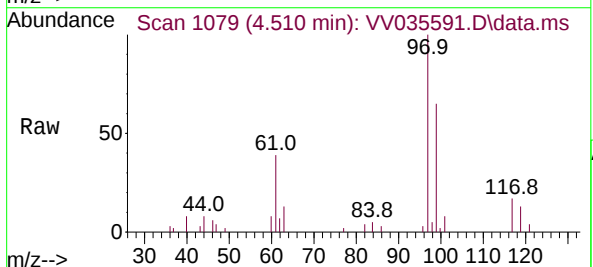
Tgt Ion: 97 Resp: 13557

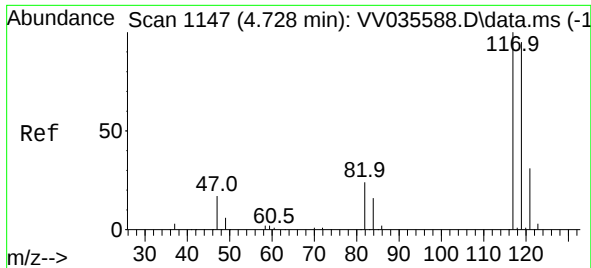
Ion Ratio Lower Upper

97 100

99 64.8 51.9 77.9

61 41.7 34.1 51.1

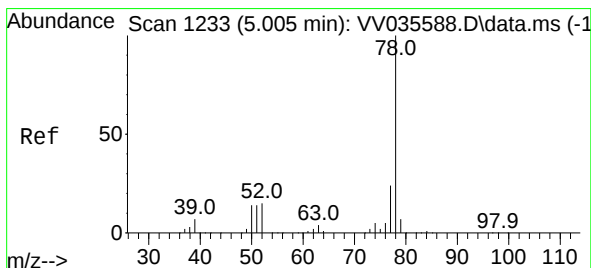
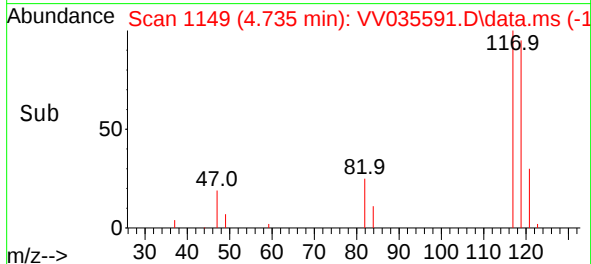
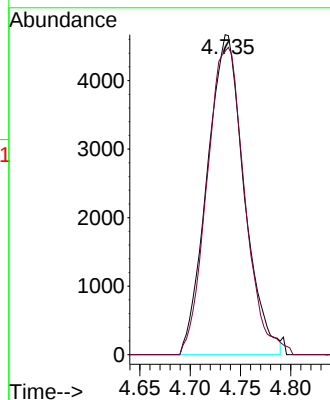
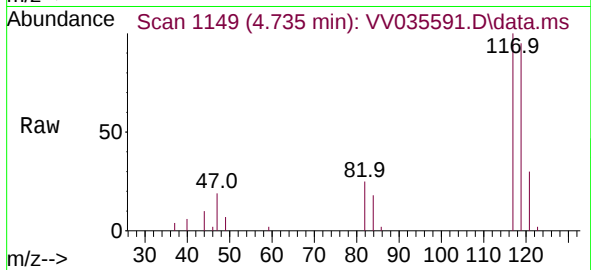




#31
Carbon tetrachloride
Concen: 2.616 ug/L
RT: 4.735 min Scan# 1147
Delta R.T. 0.007 min
Lab File: VV035591.D
Acq: 13 May 2024 10:47

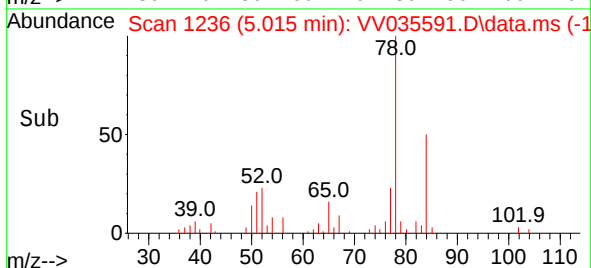
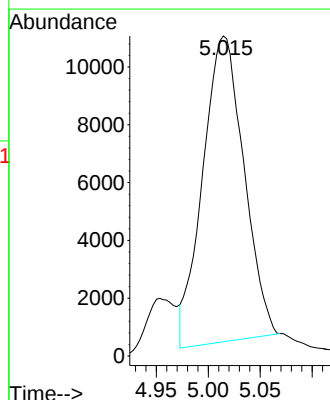
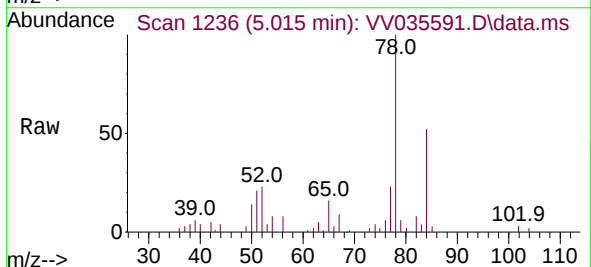
Instrument :
MSVOA_V
ClientSampleId :

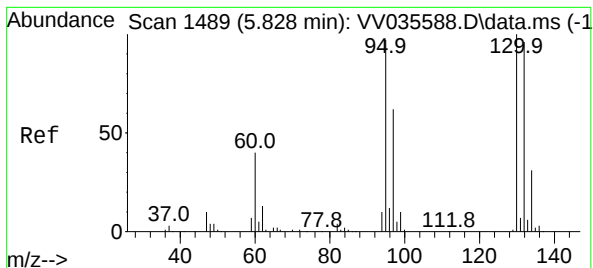
Tgt Ion:117 Resp: 11927
Ion Ratio Lower Upper
117 100
119 97.8 76.5 114.7



#33
Benzene
Concen: 2.346 ug/L
RT: 5.015 min Scan# 1236
Delta R.T. 0.010 min
Lab File: VV035591.D
Acq: 13 May 2024 10:47

Tgt Ion: 78 Resp: 29179





#34

Trichloroethene

Concen: 2.927 ug/L

RT: 5.841 min Scan# 1489

Delta R.T. 0.013 min

Lab File: VV035591.D

Acq: 13 May 2024 10:47

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 9691

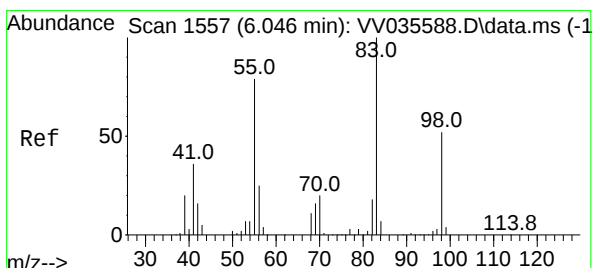
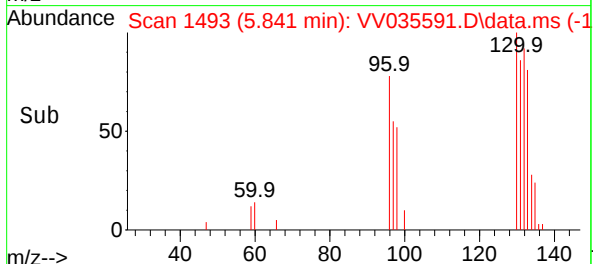
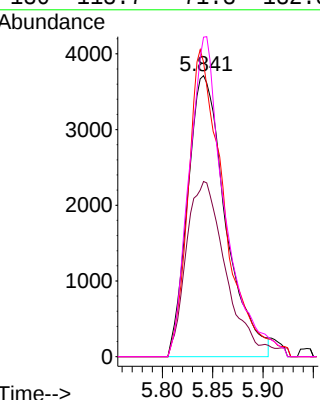
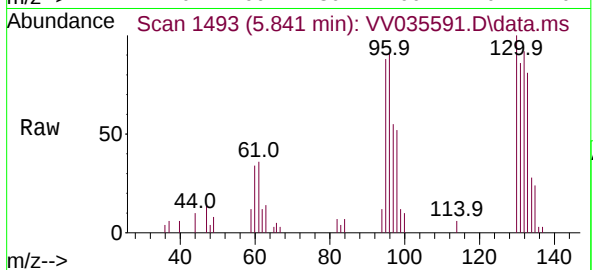
Ion Ratio Lower Upper

95 100

97 62.4 45.1 83.9

132 104.8 69.4 128.8

130 113.7 71.3 132.3



#35

Methylcyclohexane

Concen: 2.170 ug/L

RT: 6.047 min Scan# 1557

Delta R.T. 0.000 min

Lab File: VV035591.D

Acq: 13 May 2024 10:47

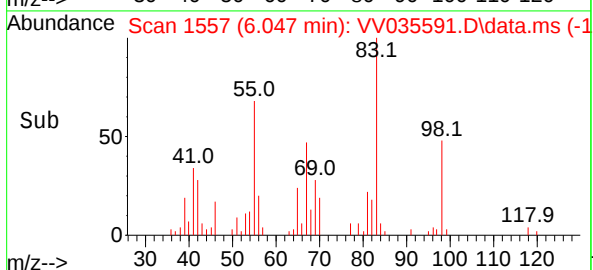
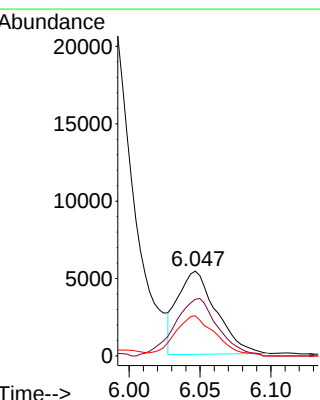
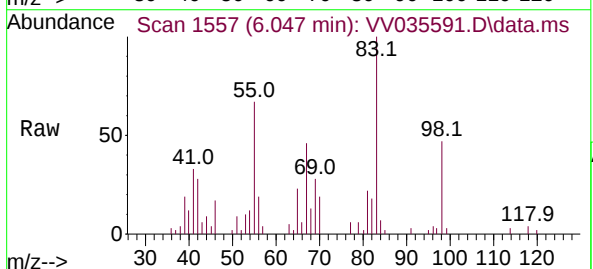
Tgt Ion: 83 Resp: 10136

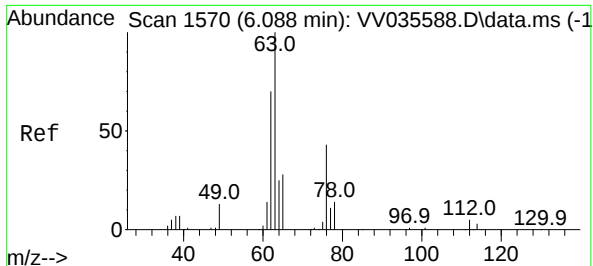
Ion Ratio Lower Upper

83 100

55 77.2 57.5 86.3

98 51.1 38.9 58.3

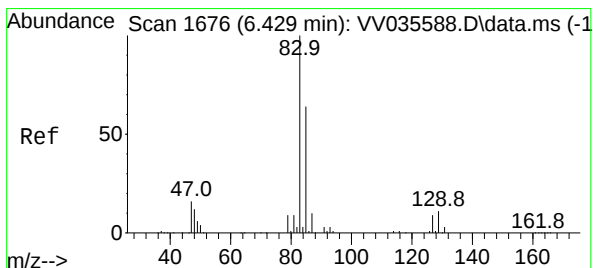
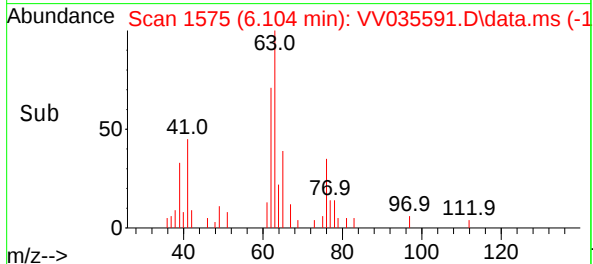
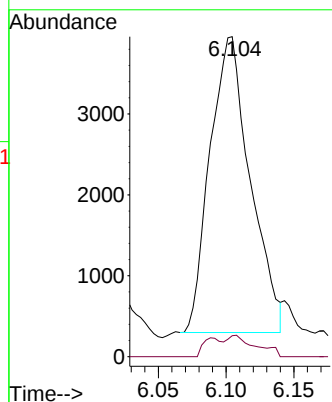
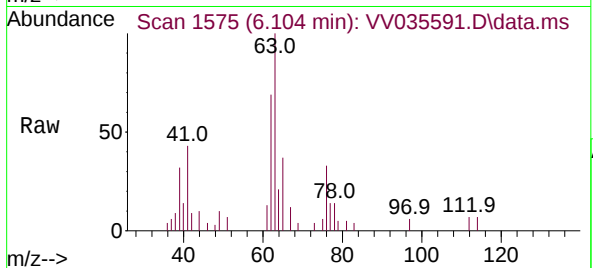




#37
1,2-Dichloropropane
Concen: 2.216 ug/L
RT: 6.104 min Scan# 1575
Delta R.T. 0.016 min
Lab File: VV035591.D
Acq: 13 May 2024 10:47

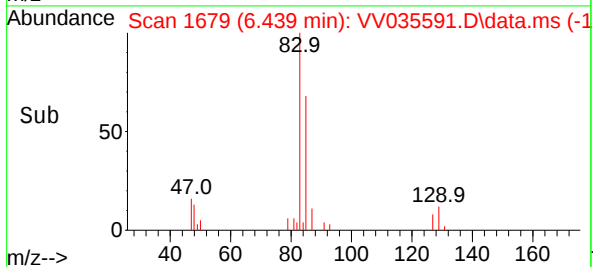
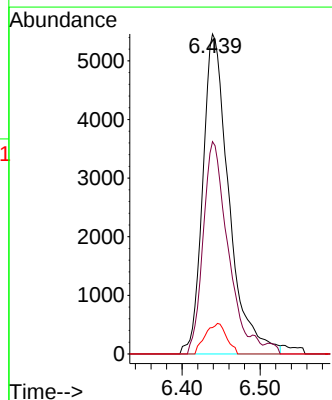
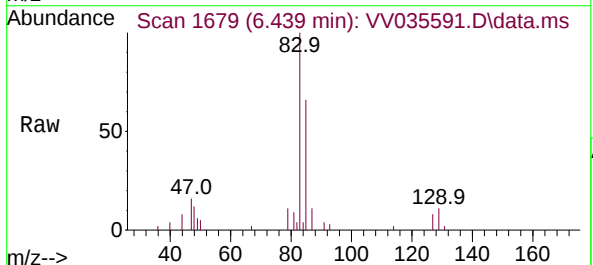
Instrument :
MSVOA_V
ClientSampleId :

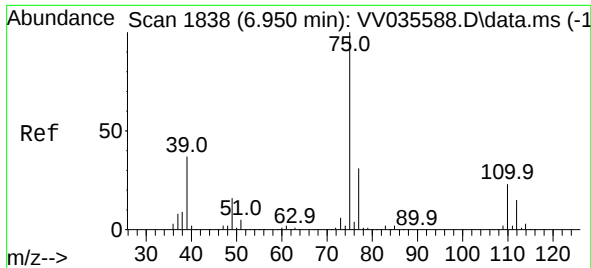
Tgt Ion: 63 Resp: 7575
Ion Ratio Lower Upper
63 100
112 4.4 3.4 5.2



#38
Bromodichloromethane
Concen: 2.705 ug/L
RT: 6.439 min Scan# 1679
Delta R.T. 0.010 min
Lab File: VV035591.D
Acq: 13 May 2024 10:47

Tgt Ion: 83 Resp: 12718
Ion Ratio Lower Upper
83 100
85 66.4 45.1 83.9
127 8.3 6.9 10.3

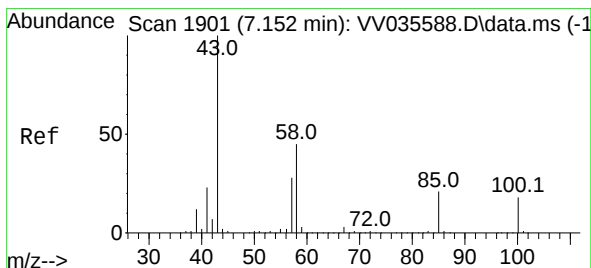
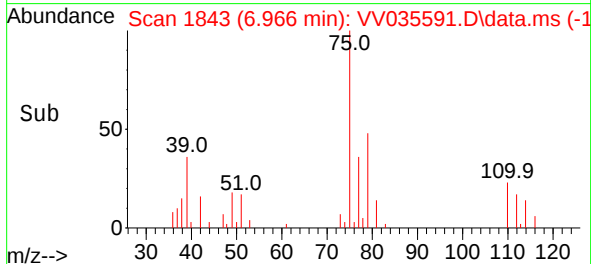
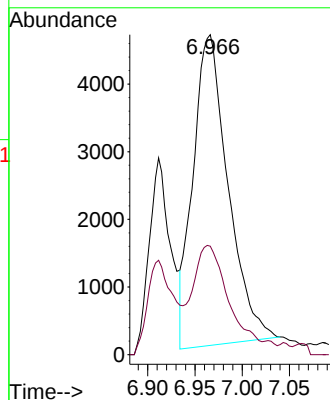
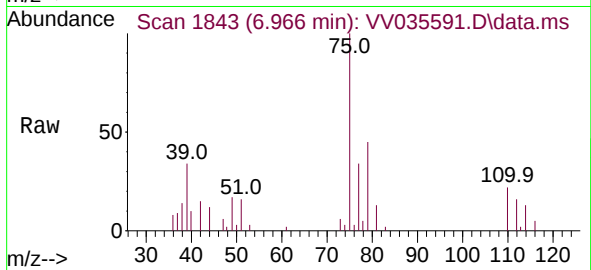




#39
cis-1,3-Dichloropropene
Concen: 2.200 ug/L
RT: 6.966 min Scan# 11
Delta R.T. 0.016 min
Lab File: VV035591.D
Acq: 13 May 2024 10:47

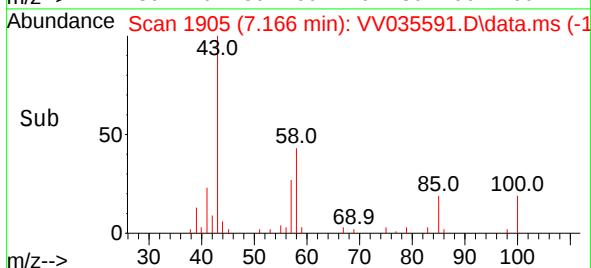
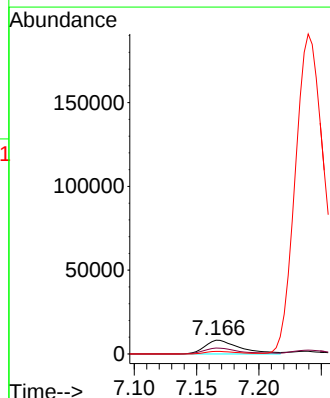
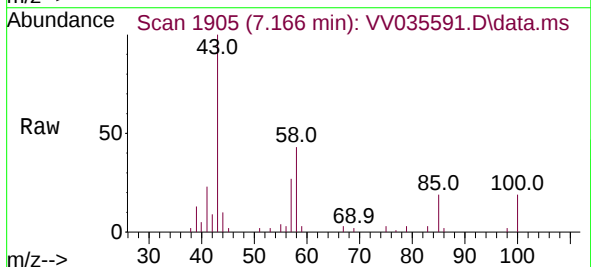
Instrument :
MSVOA_V
ClientSampleId :

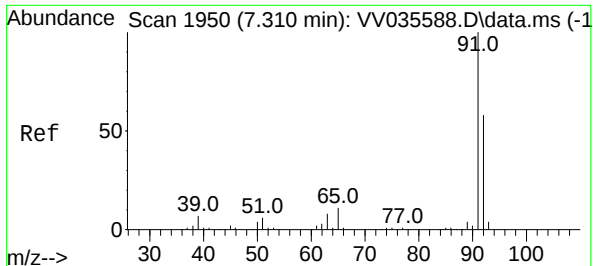
Tgt Ion: 75 Resp: 11807
Ion Ratio Lower Upper
75 100
77 33.9 22.3 41.3



#40
4-Methyl-2-pentanone
Concen: 3.514 ug/L
RT: 7.166 min Scan# 1905
Delta R.T. 0.013 min
Lab File: VV035591.D
Acq: 13 May 2024 10:47

Tgt Ion: 43 Resp: 16032
Ion Ratio Lower Upper
43 100
58 43.5 36.1 54.1
100 17.4 15.0 22.4





#42

Toluene

Concen: 2.473 ug/L

RT: 7.323 min Scan# 1954

Delta R.T. 0.013 min

Lab File: VV035591.D

Acq: 13 May 2024 10:47

Instrument :

MSVOA_V

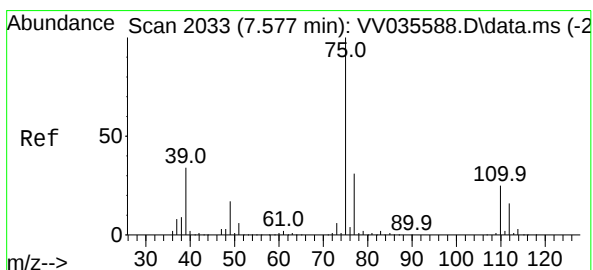
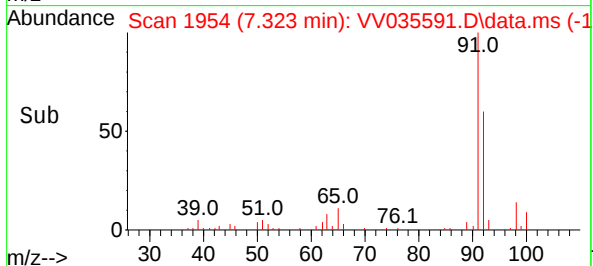
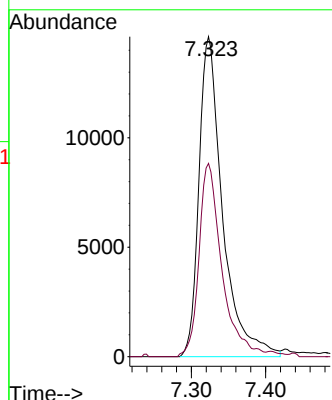
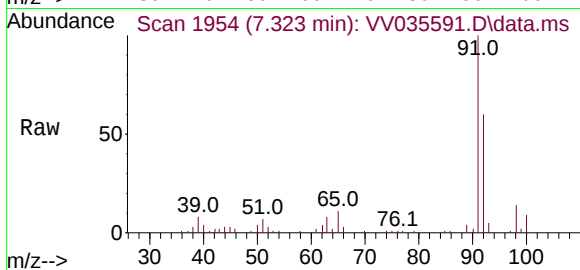
ClientSampleId :

Tgt Ion: 91 Resp: 32281

Ion Ratio Lower Upper

91 100

92 60.4 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 3.073 ug/L

RT: 7.590 min Scan# 2037

Delta R.T. 0.013 min

Lab File: VV035591.D

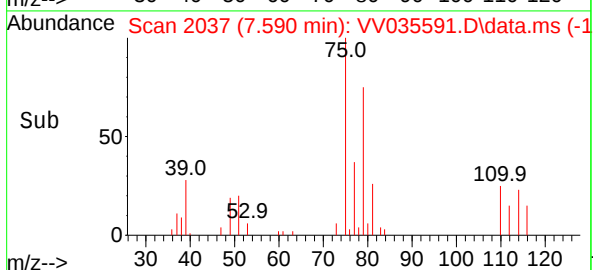
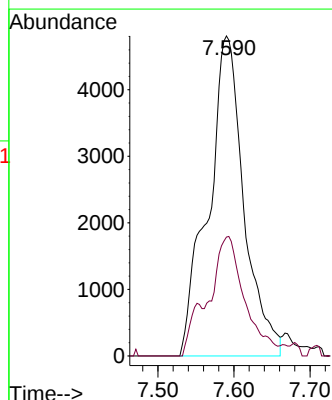
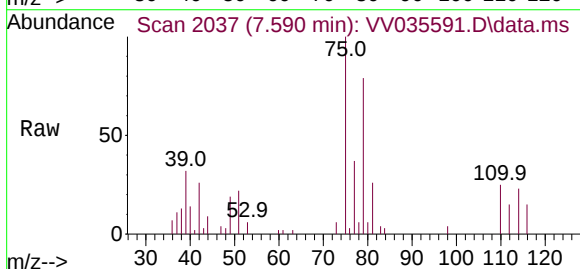
Acq: 13 May 2024 10:47

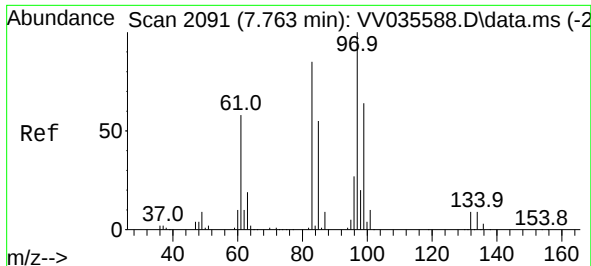
Tgt Ion: 75 Resp: 15663

Ion Ratio Lower Upper

75 100

77 37.1 22.4 41.6

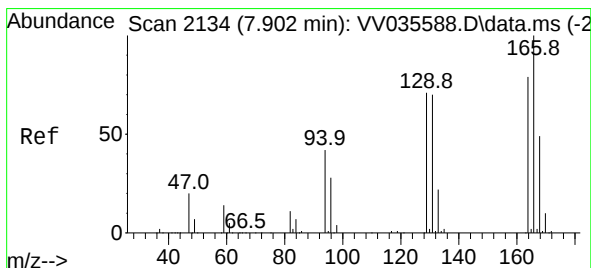
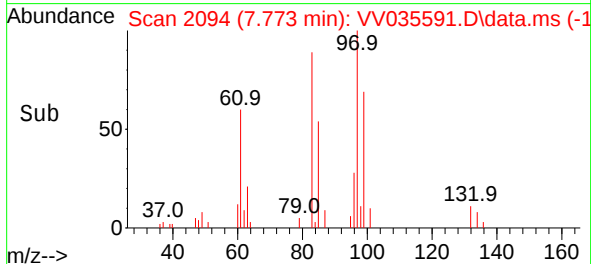
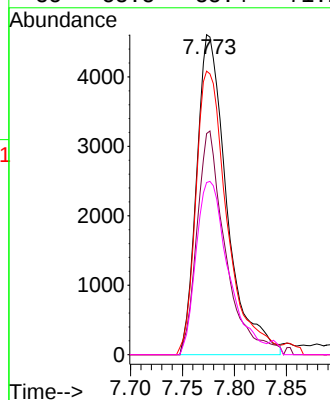
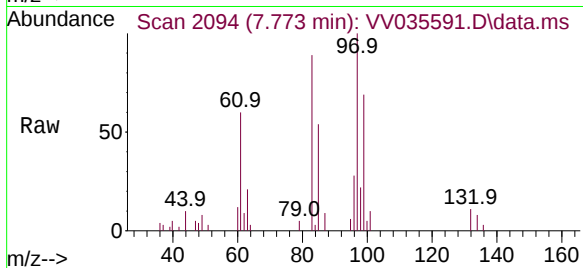




#45
1,1,2-Trichloroethane
Concen: 2.553 ug/L
RT: 7.773 min Scan# 2091
Delta R.T. 0.010 min
Lab File: VV035591.D
Acq: 13 May 2024 10:47

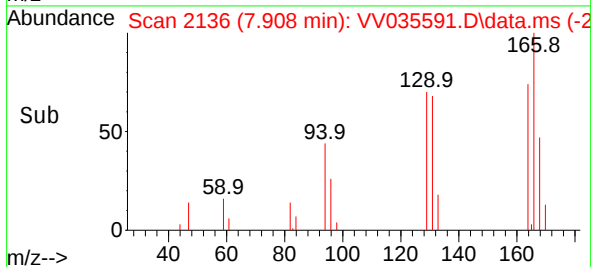
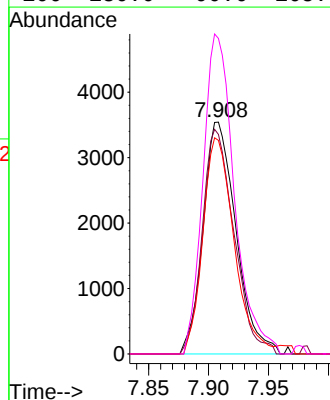
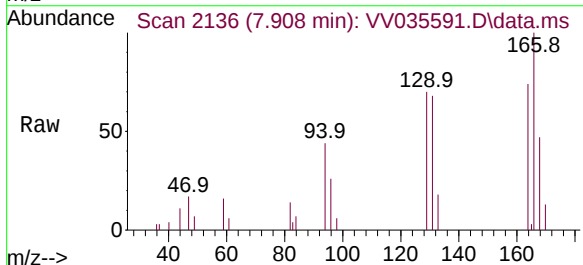
Instrument :
MSVOA_V
ClientSampleId :

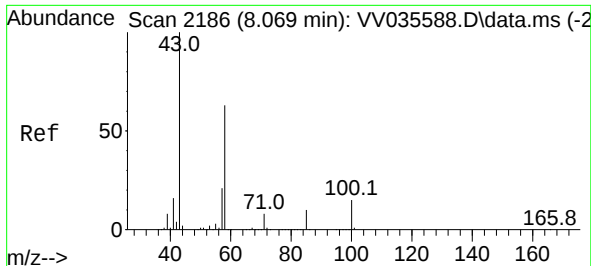
Tgt Ion:	97	Resp:	9332
Ion	Ratio	Lower	Upper
97	100		
99	69.1	44.2	82.2
83	88.6	59.3	110.1
85	53.8	38.4	71.2



#46
Tetrachloroethene
Concen: 2.530 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.007 min
Lab File: VV035591.D
Acq: 13 May 2024 10:47

Tgt Ion:	164	Resp:	6764
Ion	Ratio	Lower	Upper
164	100		
129	94.6	64.7	120.1
131	92.1	61.5	114.1
166	136.0	90.6	168.3

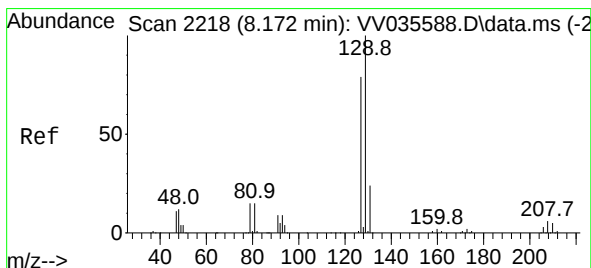
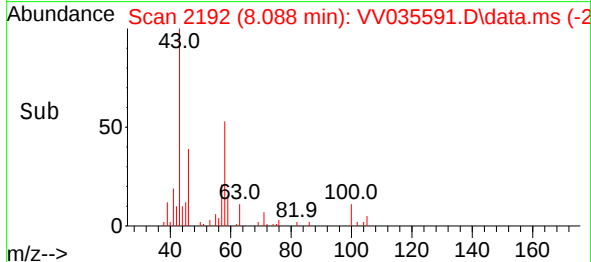
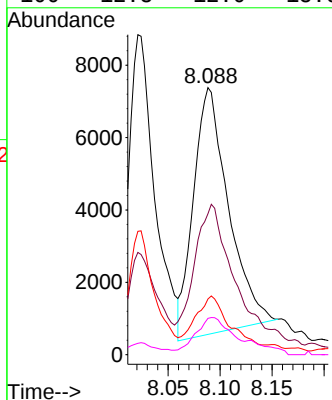
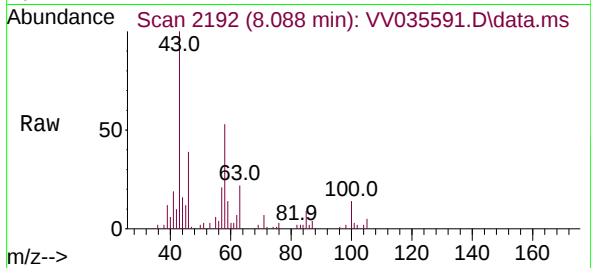




#48
2-Hexanone
Concen: 4.308 ug/L
RT: 8.088 min Scan# 2186
Delta R.T. 0.019 min
Lab File: VV035591.D
Acq: 13 May 2024 10:47

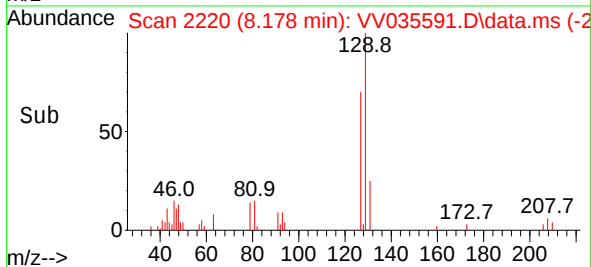
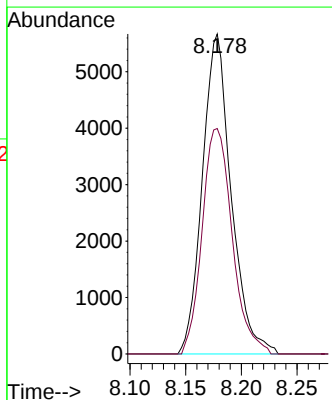
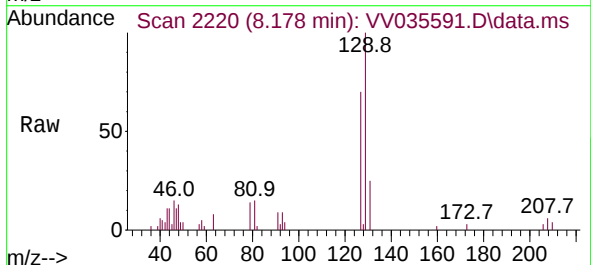
Instrument :
MSVOA_V
ClientSampleId :

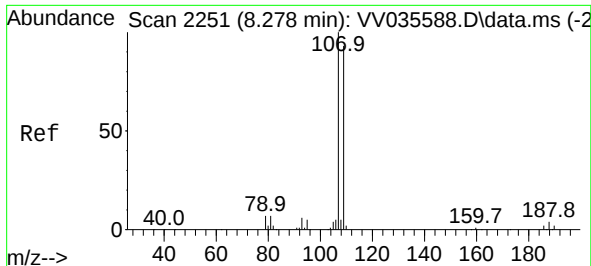
Tgt Ion	Ratio	Lower	Upper
43	100		
58	56.5	50.8	76.2
57	20.3	17.6	26.4
100	12.3	12.0	18.0



#49
Dibromochloromethane
Concen: 2.667 ug/L
RT: 8.178 min Scan# 2220
Delta R.T. 0.007 min
Lab File: VV035591.D
Acq: 13 May 2024 10:47

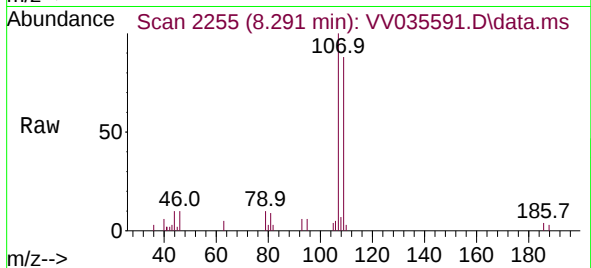
Tgt Ion	Ratio	Lower	Upper
129	100		
127	70.5	54.3	100.8



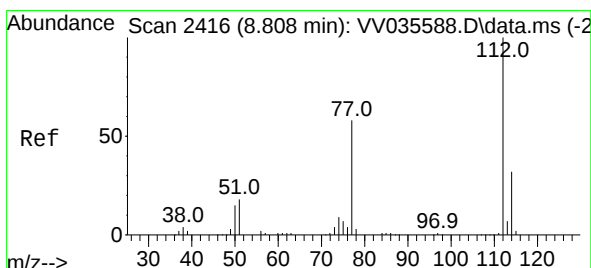
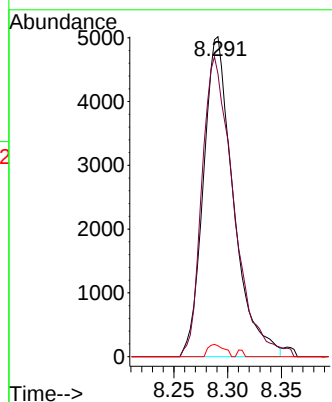
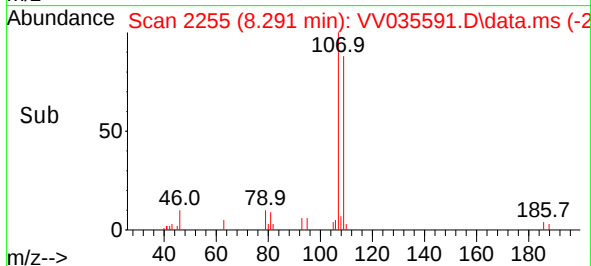


#50
1,2-Dibromoethane
Concen: 2.546 ug/L
RT: 8.291 min Scan# 2418
Delta R.T. 0.013 min
Lab File: VV035591.D
Acq: 13 May 2024 10:47

Instrument :
MSVOA_V
ClientSampleId :

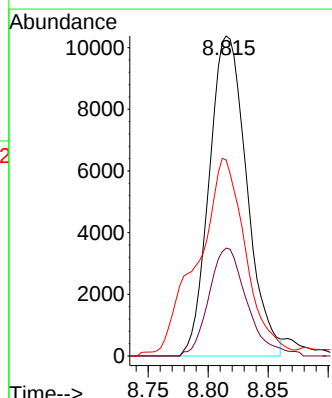
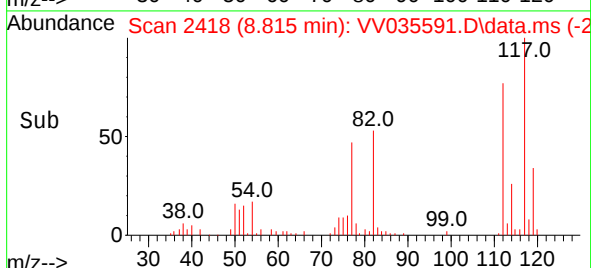
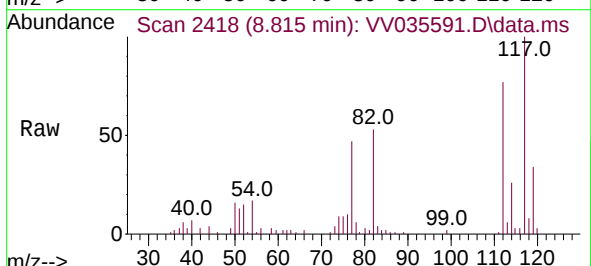


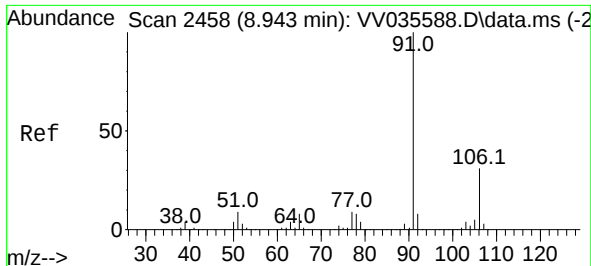
Tgt Ion:107 Resp: 9725
Ion Ratio Lower Upper
107 100
109 88.4 65.7 122.1
188 3.4 3.1 4.7



#51
Chlorobenzene
Concen: 2.493 ug/L
RT: 8.815 min Scan# 2418
Delta R.T. 0.007 min
Lab File: VV035591.D
Acq: 13 May 2024 10:47

Tgt Ion:112 Resp: 22586
Ion Ratio Lower Upper
112 100
114 33.7 22.4 41.6
77 61.2 45.9 68.9





#52

Ethylbenzene

Concen: 2.255 ug/L

RT: 8.950 min Scan# 2458

Delta R.T. 0.007 min

Lab File: VV035591.D

Acq: 13 May 2024 10:47

Instrument :

MSVOA_V

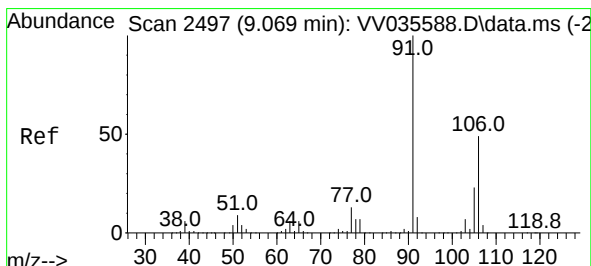
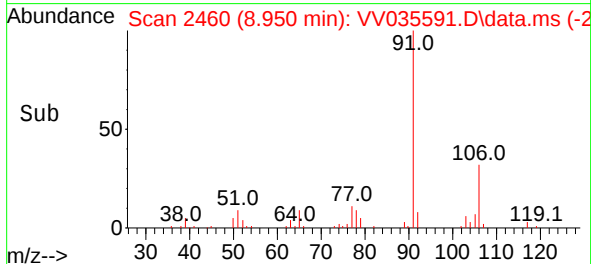
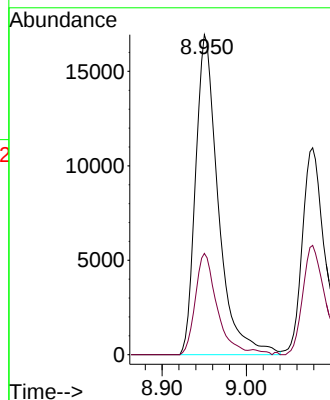
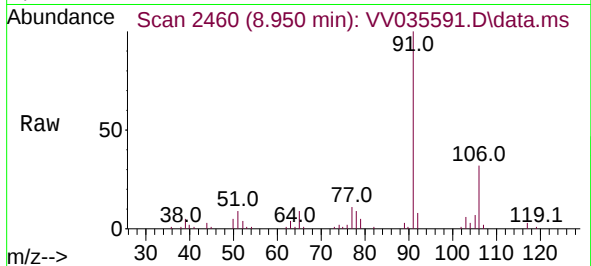
ClientSampleId :

Tgt Ion: 91 Resp: 31798

Ion Ratio Lower Upper

91 100

106 31.6 21.6 40.0



#53

m,p-Xylene

Concen: 2.081 ug/L

RT: 9.079 min Scan# 2500

Delta R.T. 0.010 min

Lab File: VV035591.D

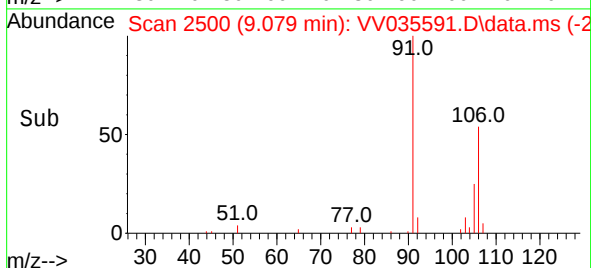
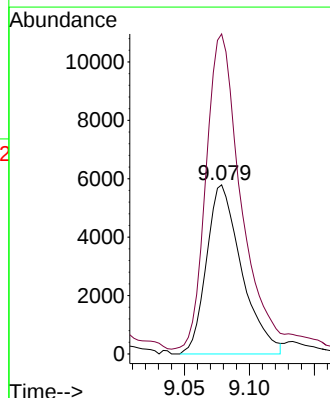
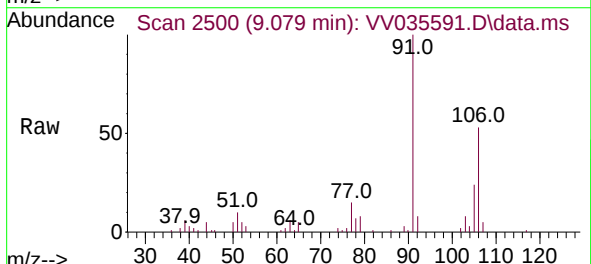
Acq: 13 May 2024 10:47

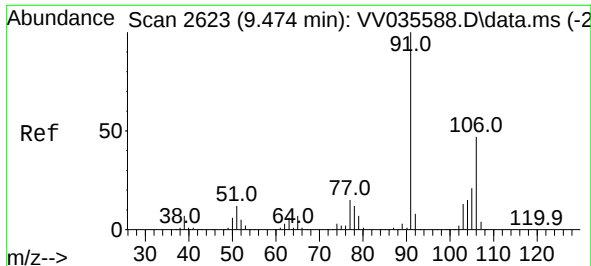
Tgt Ion:106 Resp: 10883

Ion Ratio Lower Upper

106 100

91 189.3 144.8 268.8

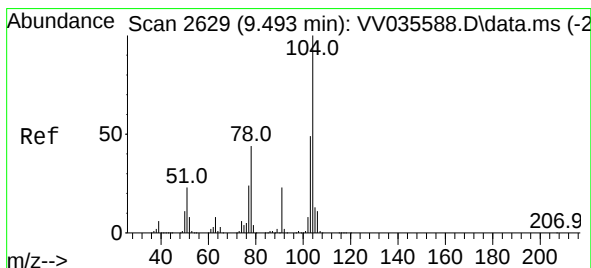
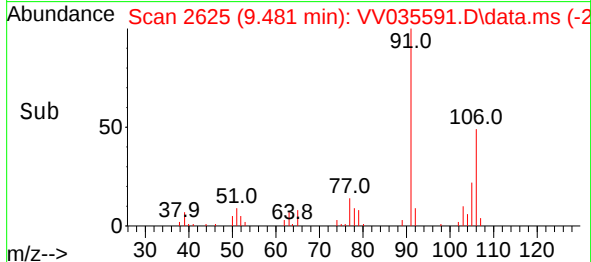
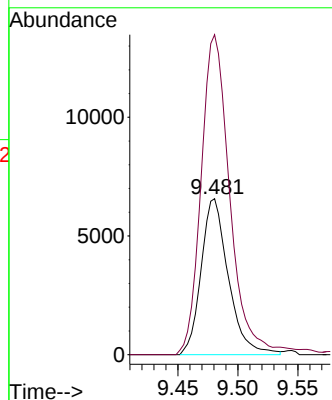
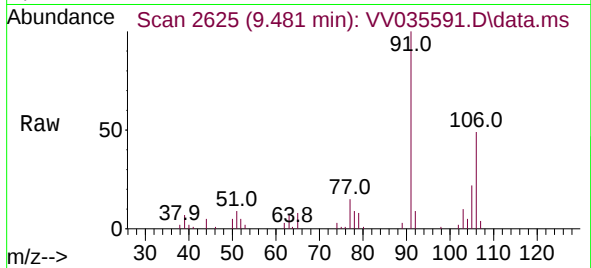




#54
o-Xylene
Concen: 1.975 ug/L
RT: 9.481 min Scan# 2625
Delta R.T. 0.007 min
Lab File: VV035591.D
Acq: 13 May 2024 10:47

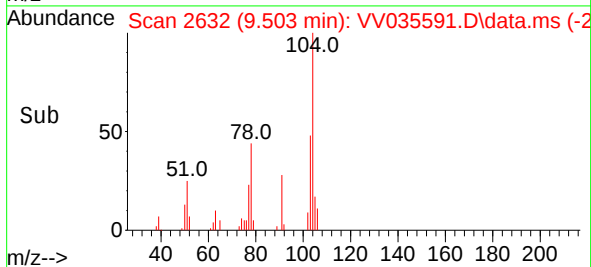
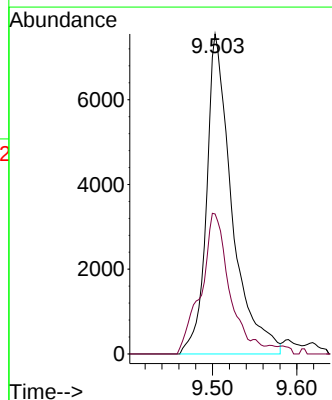
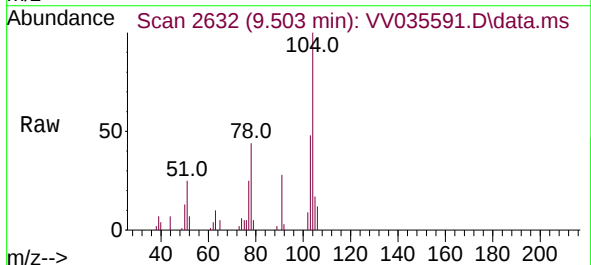
Instrument :
MSVOA_V
ClientSampleId :

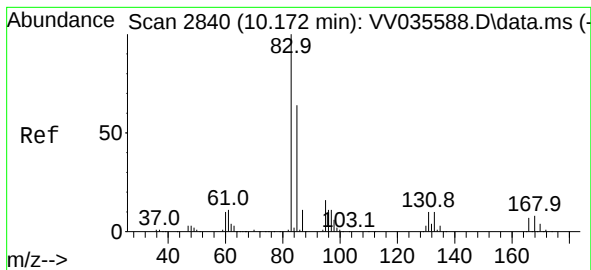
Tgt Ion:106 Resp: 10410
Ion Ratio Lower Upper
106 100
91 205.1 149.9 278.3



#55
Styrene
Concen: 1.739 ug/L
RT: 9.503 min Scan# 2632
Delta R.T. 0.010 min
Lab File: VV035591.D
Acq: 13 May 2024 10:47

Tgt Ion:104 Resp: 15843
Ion Ratio Lower Upper
104 100
78 43.7 29.9 55.5

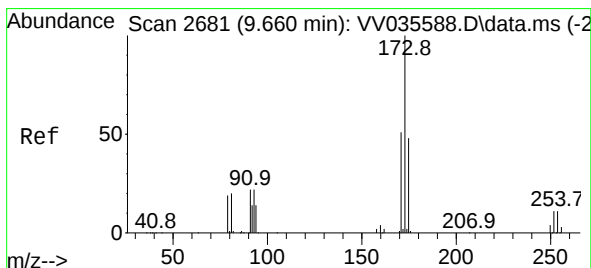
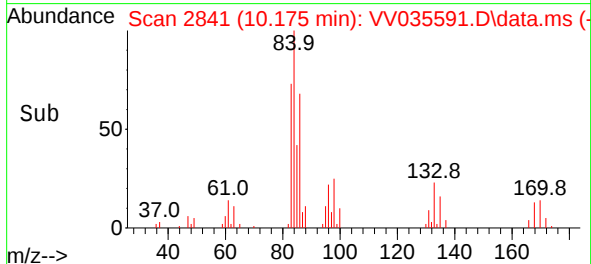
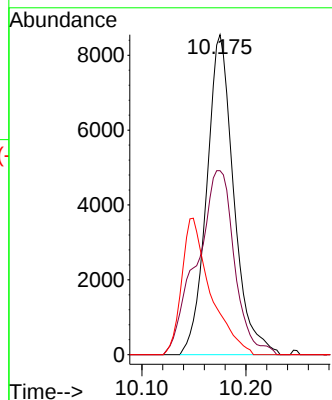
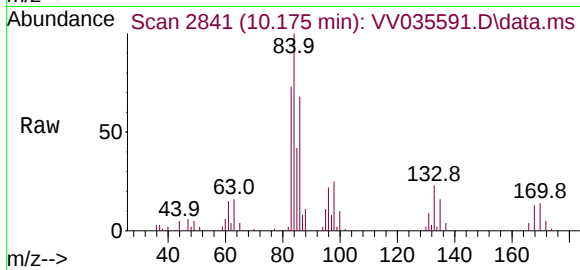




#57
1,1,2,2-Tetrachloroethane
Concen: 2.474 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. 0.003 min
Lab File: VV035591.D
Acq: 13 May 2024 10:47

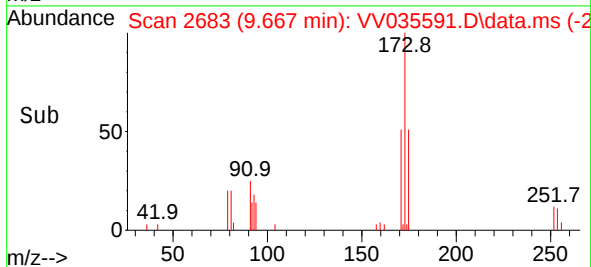
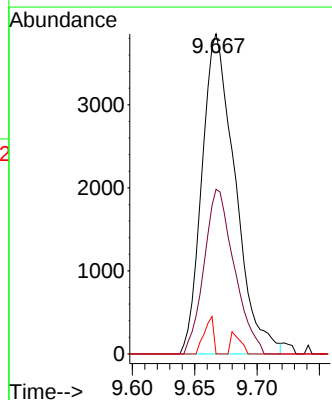
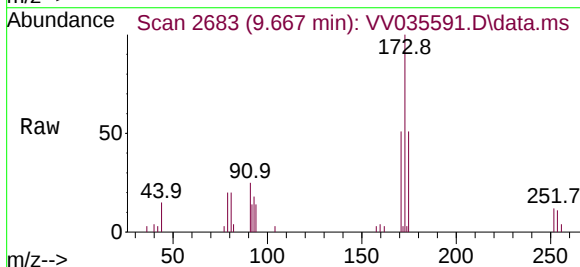
Instrument :
MSVOA_V
ClientSampleId :

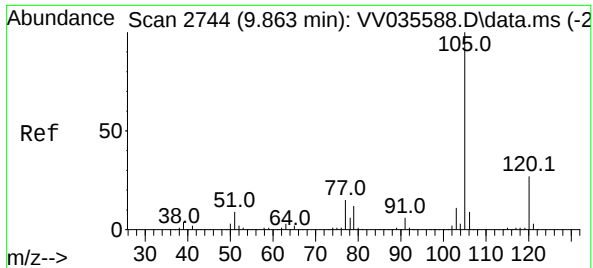
Tgt Ion: 83 Resp: 15477
Ion Ratio Lower Upper
83 100
85 57.5 44.9 83.5
131 12.9 8.1 12.1#



#59
Bromoform
Concen: 2.702 ug/L
RT: 9.667 min Scan# 2683
Delta R.T. 0.007 min
Lab File: VV035591.D
Acq: 13 May 2024 10:47

Tgt Ion: 173 Resp: 7133
Ion Ratio Lower Upper
173 100
175 46.8 39.0 58.6
254 3.3 8.5 12.7#

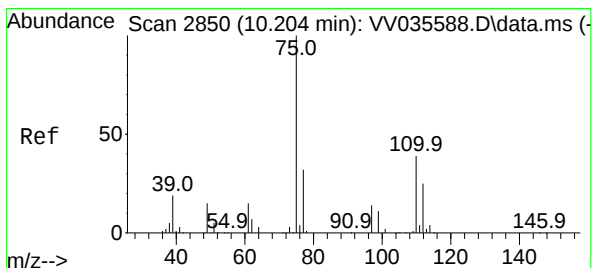
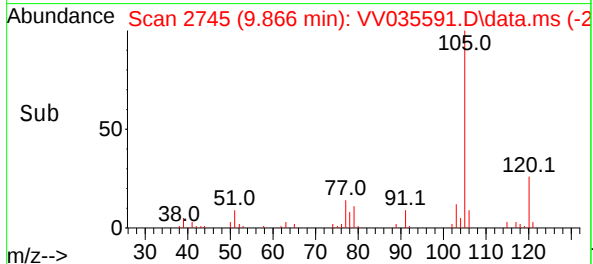
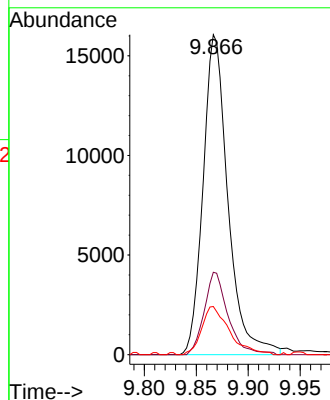
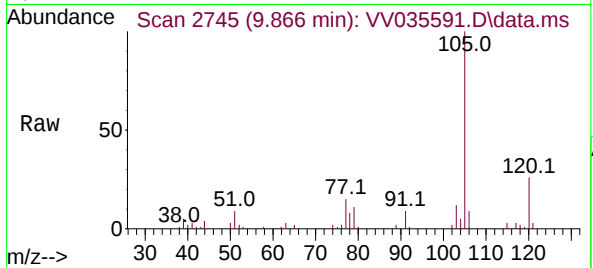




#60
Isopropylbenzene
Concen: 2.270 ug/L
RT: 9.866 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV035591.D
Acq: 13 May 2024 10:47

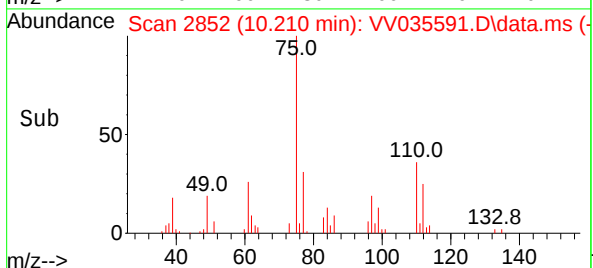
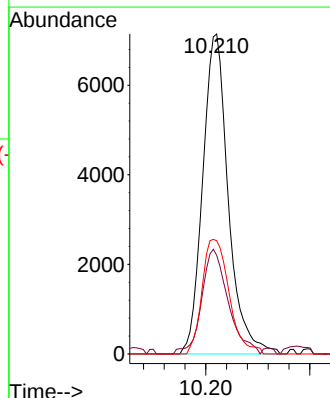
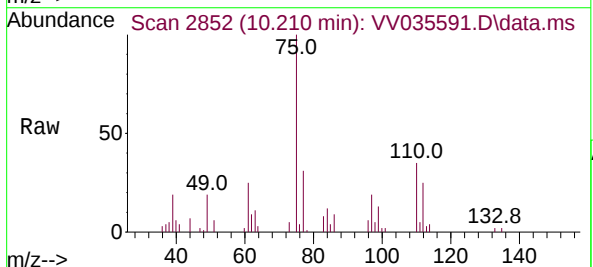
Instrument :
MSVOA_V
ClientSampleId :

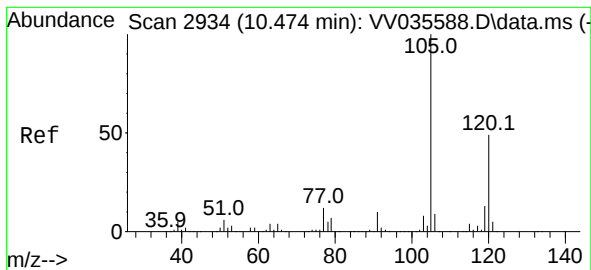
Tgt Ion:105 Resp: 26759
Ion Ratio Lower Upper
105 100
120 24.5 21.5 32.3
77 16.8 12.3 18.5



#61
1,2,3-Trichloropropane
Concen: 2.978 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. 0.007 min
Lab File: VV035591.D
Acq: 13 May 2024 10:47

Tgt Ion: 75 Resp: 12193
Ion Ratio Lower Upper
75 100
77 33.4 25.8 38.6
110 37.8 31.6 47.4





#62

1,3,5-Trimethylbenzene

Concen: 2.165 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. 0.000 min

Lab File: VV035591.D

Acq: 13 May 2024 10:47

Instrument :

MSVOA_V

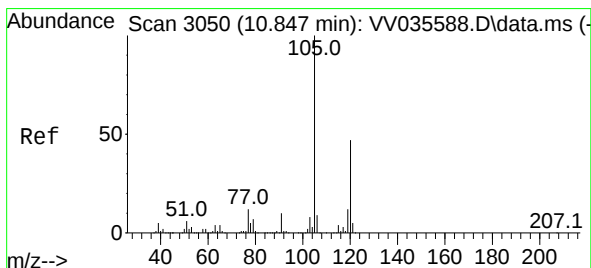
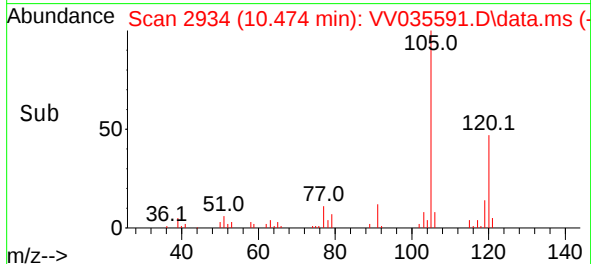
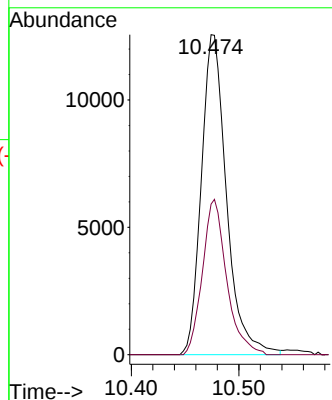
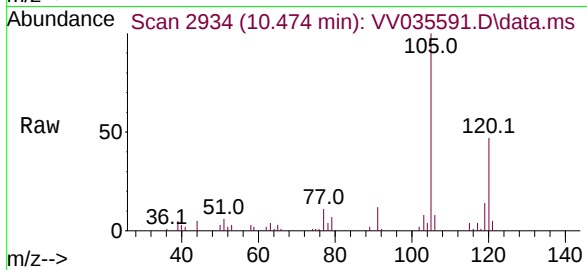
ClientSampleId :

Tgt Ion:105 Resp: 20420

Ion Ratio Lower Upper

105 100

120 46.7 39.5 59.3



#63

1,2,4-Trimethylbenzene

Concen: 2.032 ug/L

RT: 10.853 min Scan# 3052

Delta R.T. 0.007 min

Lab File: VV035591.D

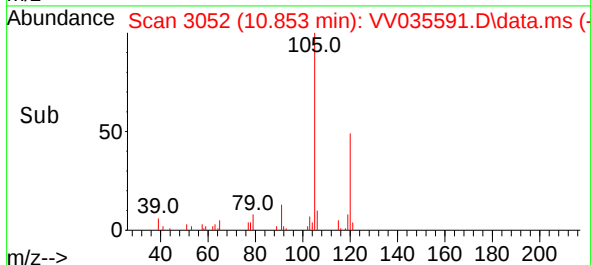
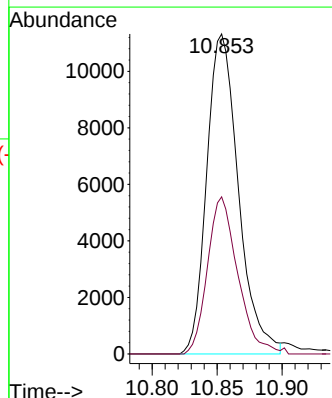
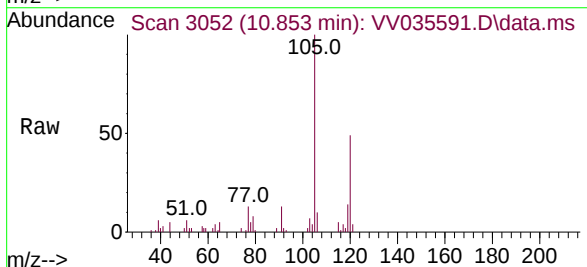
Acq: 13 May 2024 10:47

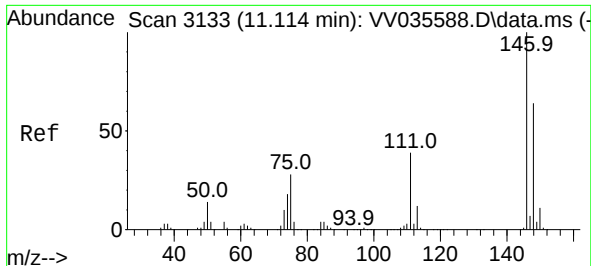
Tgt Ion:105 Resp: 19223

Ion Ratio Lower Upper

105 100

120 46.6 36.6 55.0





#64

1,3-Dichlorobenzene

Concen: 2.514 ug/L

RT: 11.120 min Scan# 3133

Delta R.T. 0.007 min

Lab File: VV035591.D

Acq: 13 May 2024 10:47

Instrument :

MSVOA_V

ClientSampleId :

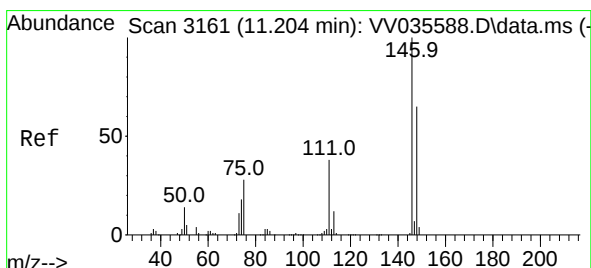
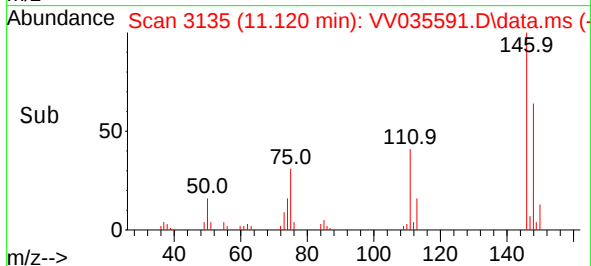
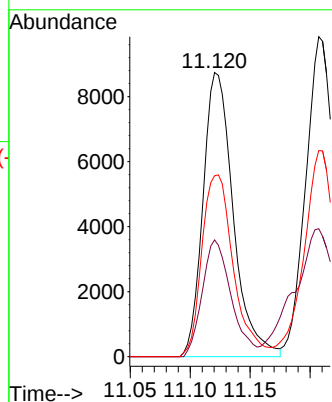
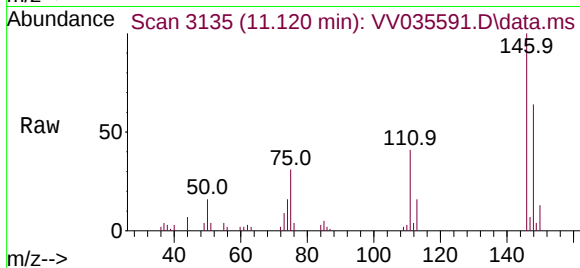
Tgt Ion:146 Resp: 15346

Ion Ratio Lower Upper

146 100

111 41.1 27.9 51.7

148 63.7 45.1 83.9



#65

1,4-Dichlorobenzene

Concen: 2.617 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. 0.003 min

Lab File: VV035591.D

Acq: 13 May 2024 10:47

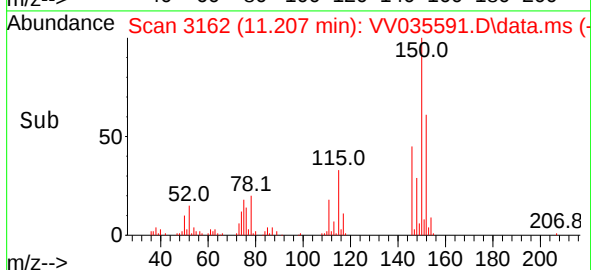
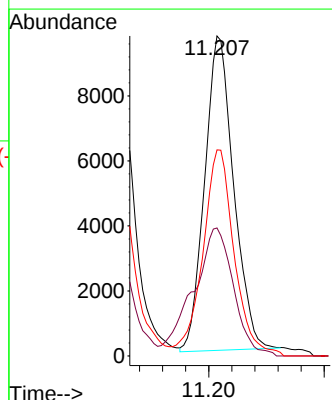
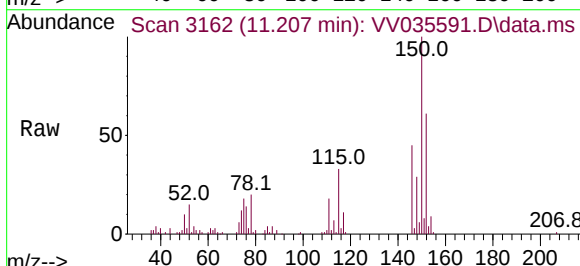
Tgt Ion:146 Resp: 16857

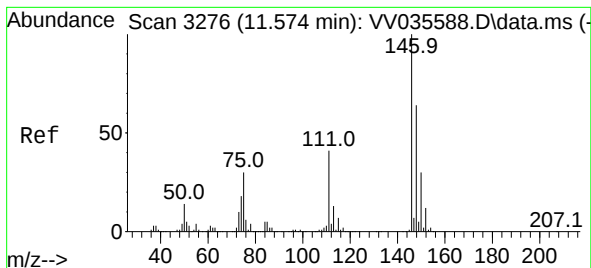
Ion Ratio Lower Upper

146 100

111 40.0 26.4 49.0

148 64.4 44.3 82.3





#67

1,2-Dichlorobenzene

Concen: 2.913 ug/L

RT: 11.577 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV035591.D

Acq: 13 May 2024 10:47

Instrument :

MSVOA_V

ClientSampleId :

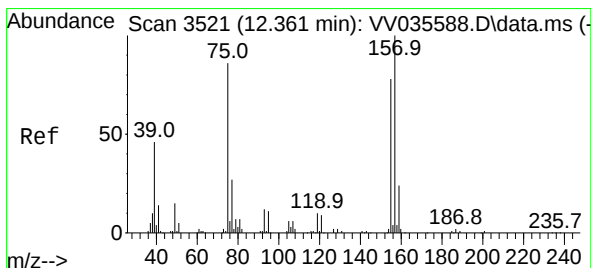
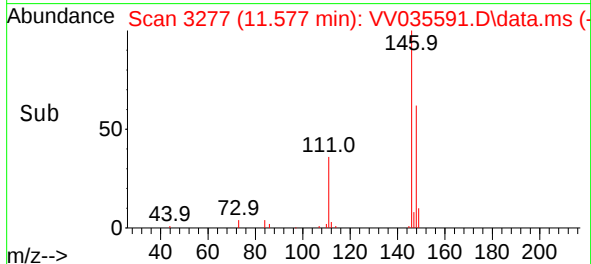
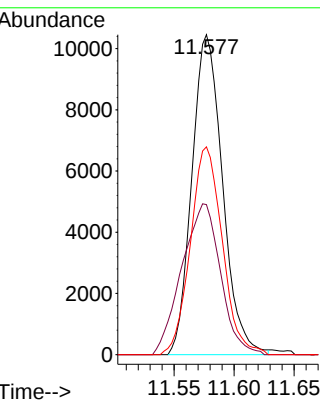
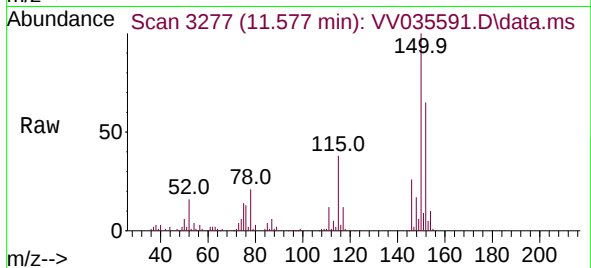
Tgt Ion:146 Resp: 18601

Ion Ratio Lower Upper

146 100

111 46.9 32.1 48.1

148 65.0 51.5 77.3



#68

1,2-Dibromo-3-chloropropane

Concen: 2.745 ug/L

RT: 12.368 min Scan# 3523

Delta R.T. 0.007 min

Lab File: VV035591.D

Acq: 13 May 2024 10:47

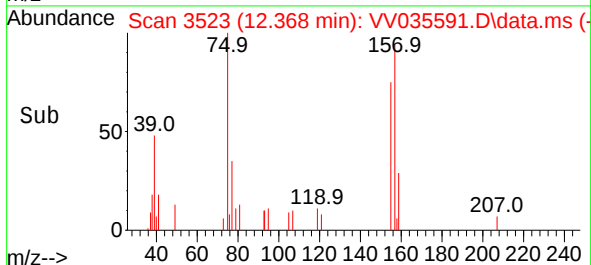
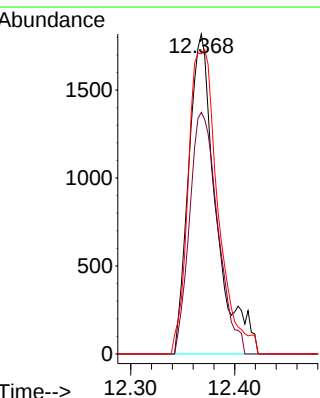
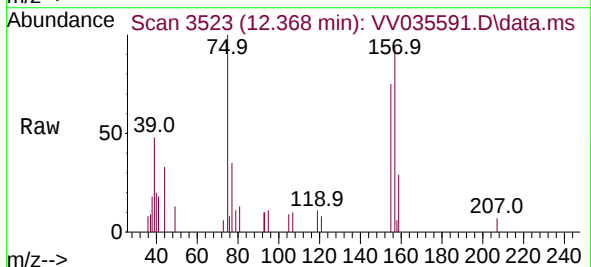
Tgt Ion: 75 Resp: 3310

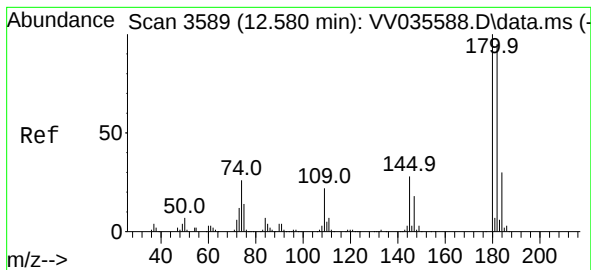
Ion Ratio Lower Upper

75 100

155 75.5 71.4 107.2

157 93.8 95.0 142.4#





#69

1,3,5-Trichlorobenzene

Concen: 2.494 ug/L

RT: 12.583 min Scan# 3590

Delta R.T. 0.003 min

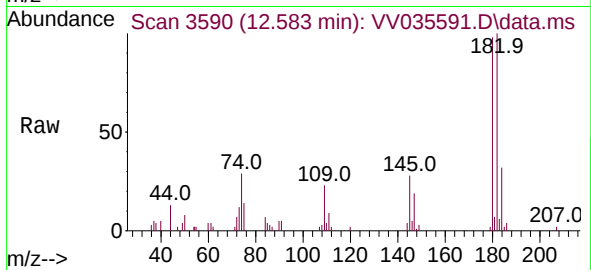
Lab File: VV035591.D

Acq: 13 May 2024 10:47

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 11555

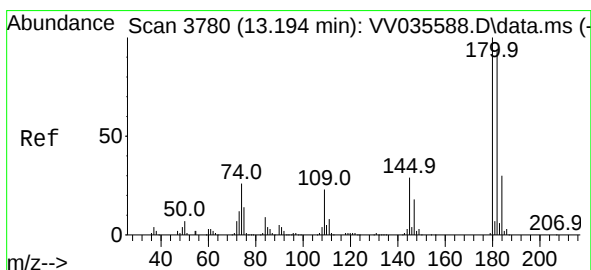
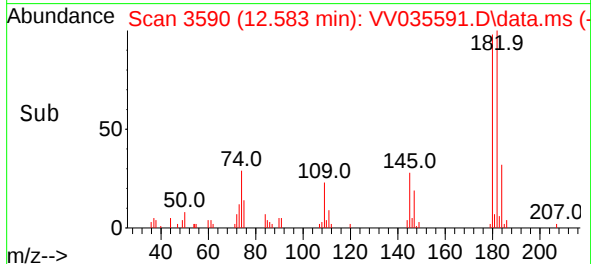
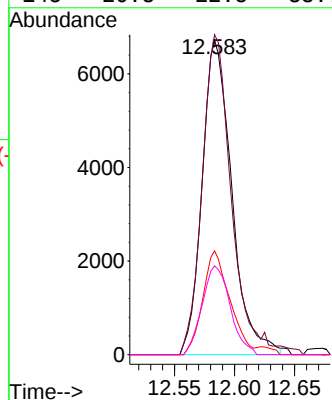
Ion Ratio Lower Upper

180 100

182 97.8 75.7 113.5

184 30.0 24.1 36.1

145 26.8 22.5 33.7



#70

1,2,4-trichlorobenzene

Concen: 2.249 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.007 min

Lab File: VV035591.D

Acq: 13 May 2024 10:47

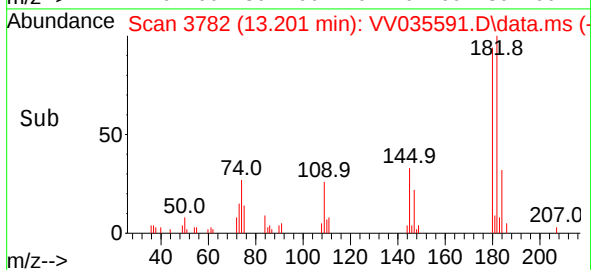
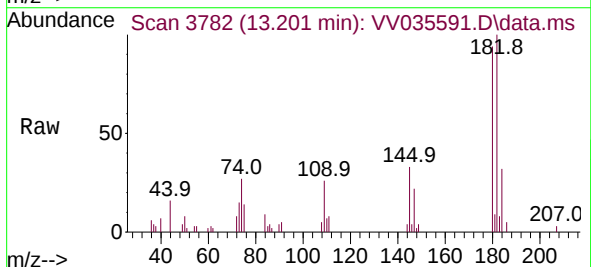
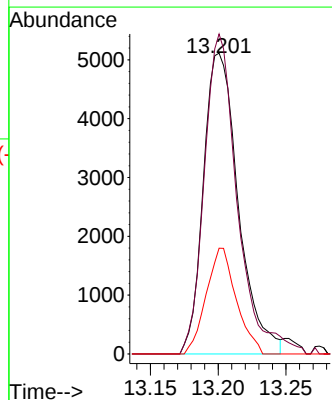
Tgt Ion:180 Resp: 9178

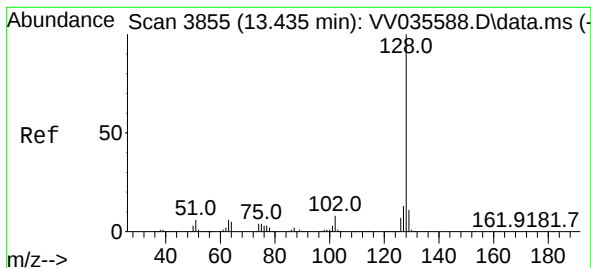
Ion Ratio Lower Upper

180 100

182 96.8 75.7 113.5

145 30.2 23.0 34.4





#71

Naphthalene

Concen: 1.860 ug/L

RT: 13.442 min Scan# 3855

Delta R.T. 0.007 min

Lab File: VV035591.D

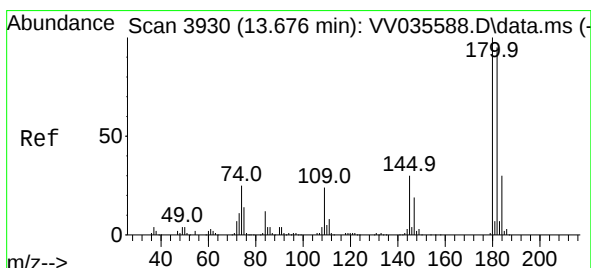
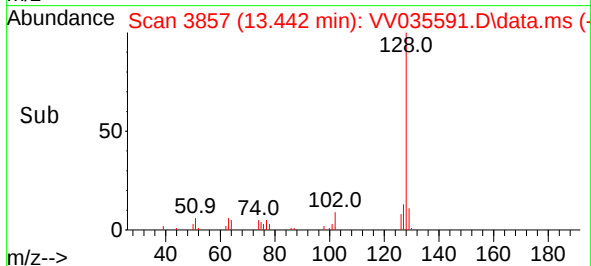
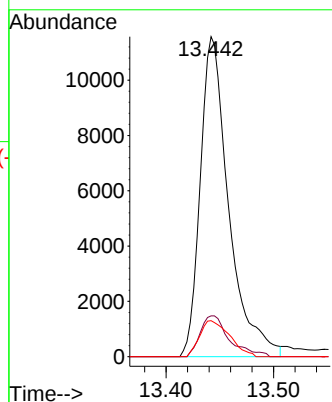
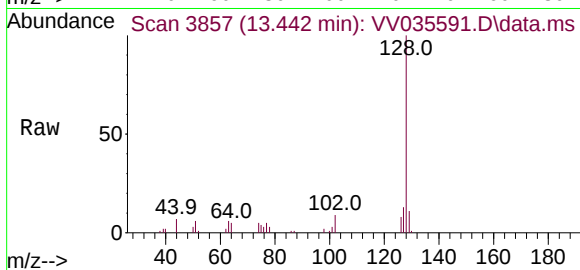
Acq: 13 May 2024 10:47

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	128	Resp:	21272
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.2	15.4
129	11.9	8.7	13.1



#72

1,2,3-Trichlorobenzene

Concen: 2.377 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. 0.003 min

Lab File: VV035591.D

Acq: 13 May 2024 10:47

Tgt Ion:	180	Resp:	10068
Ion Ratio	Lower	Upper	
180	100		
182	93.2	76.2	114.2
145	27.9	24.9	37.3

