

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV053024\
 Data File : VV035912.D
 Acq On : 30 May 2024 21:43
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 31 00:56:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 31 00:49:35 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	467880	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	477967	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	251433	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	217136	25.243	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 100.960%	
7) Chloroethane-d5	1.526	69	176707	25.763	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 103.040%	
11) 1,1-Dichloroethene-d2	2.050	65	92731	24.216	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 96.880%	
21) 2-Butanone-d5	3.841	46	79570	40.317	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	= 80.640%	
24) Chloroform-d	4.243	84	380362	25.571	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 102.280%	
26) 1,2-Dichloroethane-d4	4.937	65	196451	25.189	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 100.760%	
32) Benzene-d6	4.953	84	751396	26.447	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 105.800%	
36) 1,2-Dichloropropane-d6	5.985	67	228327	25.520	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 102.080%	
41) Toluene-d8	7.239	98	678637	27.071	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 108.280%	
43) trans-1,3-Dichloroprop...	7.551	79	92253	25.147	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 100.600%	
47) 2-Hexanone-d5	8.030	63	62744	51.760	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 103.520%	
56) 1,1,2,2-Tetrachloroeth...	10.149	84	157978	23.629	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 94.520%	
66) 1,2-Dichlorobenzene-d4	11.558	152	227687	24.694	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 98.760%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.101	85	187226	22.193	ug/L	99
3) Chloromethane	1.211	50	218460	22.564	ug/L	100
5) Vinyl chloride	1.278	62	230494	22.614	ug/L	99
6) Bromomethane	1.484	94	142934	22.605	ug/L	100
8) Chloroethane	1.545	64	144370	22.788	ug/L	100
9) Trichlorofluoromethane	1.706	101	284659	22.489	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.059	101	190096	23.664	ug/L	98
12) 1,1-Dichloroethene	2.063	96	175388	23.409	ug/L	96
13) Acetone	2.159	43	74131	24.113	ug/L	89
14) Carbon disulfide	2.233	76	588811	22.631	ug/L	100
15) Methyl Acetate	2.387	43	82463	21.580	ug/L	95
16) Methylene chloride	2.442	84	246934	23.324	ug/L	100
17) trans-1,2-Dichloroethene	2.686	96	183176	23.015	ug/L	97
18) Methyl tert-butyl Ether	2.703	73	421090	23.567	ug/L	100
19) 1,1-Dichloroethane	3.104	63	354483	23.388	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	181620	22.710	ug/L	97
22) 2-Butanone	3.921	43	66398	25.453	ug/L #	78
23) Bromochloromethane	4.143	128	97921	24.410	ug/L	98
25) Chloroform	4.268	83	368953	23.664	ug/L	100

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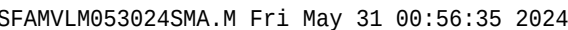
Instrument :
 MSVOA_V
 ClientSampleId :

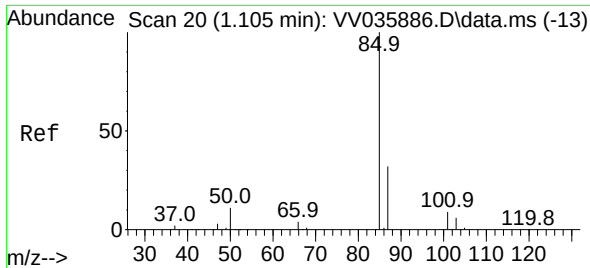
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	230226	23.652	ug/L	100
29) Cyclohexane	4.577	56	252290	22.169	ug/L	100
30) 1,1,1-Trichloroethane	4.506	97	294427	22.532	ug/L	98
31) Carbon tetrachloride	4.728	117	259232	22.614	ug/L	100
33) Benzene	5.005	78	761607	24.363	ug/L	100
34) Trichloroethene	5.828	95	223026	23.278	ug/L	98
35) Methylcyclohexane	6.046	83	304658	22.994	ug/L	99
37) 1,2-Dichloropropane	6.088	63	199961	24.361	ug/L	100
38) Bromodichloromethane	6.429	83	258215	23.767	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	281332	22.915	ug/L	97
40) 4-Methyl-2-pentanone	7.159	43	211885	47.512	ug/L	100
42) Toluene	7.310	91	789365	24.712	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	252662	23.826	ug/L	98
45) 1,1,2-Trichloroethane	7.767	97	160531	23.636	ug/L	98
46) Tetrachloroethene	7.902	164	153741	21.941	ug/L	99
48) 2-Hexanone	8.079	43	141100	40.471	ug/L	96
49) Dibromochloromethane	8.172	129	175794	23.650	ug/L	99
50) 1,2-Dibromoethane	8.281	107	154561	23.717	ug/L	100
51) Chlorobenzene	8.812	112	500528	22.998	ug/L	99
52) Ethylbenzene	8.943	91	809003	23.672	ug/L	100
53) m,p-Xylene	9.069	106	311138	24.229	ug/L	100
54) o-Xylene	9.477	106	289890	23.938	ug/L	96
55) Styrene	9.493	104	542719	25.414	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.175	83	132344	21.762	ug/L	97
59) Bromoform	9.664	173	115069	24.268	ug/L	99
60) Isopropylbenzene	9.863	105	776395	24.069	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	141143	23.735	ug/L	97
62) 1,3,5-Trimethylbenzene	10.474	105	547607	23.411	ug/L	98
63) 1,2,4-Trimethylbenzene	10.850	105	606266	24.056	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	388863	22.955	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	404259	23.120	ug/L	100
67) 1,2-Dichlorobenzene	11.577	146	373342	23.420	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	30062	22.607	ug/L	98
69) 1,3,5-Trichlorobenzene	12.580	180	270175	21.321	ug/L	100
70) 1,2,4-trichlorobenzene	13.194	180	205288	20.576	ug/L	100
71) Naphthalene	13.435	128	342911	21.060	ug/L	99
72) 1,2,3-Trichlorobenzene	13.676	180	199161	21.875	ug/L	98

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

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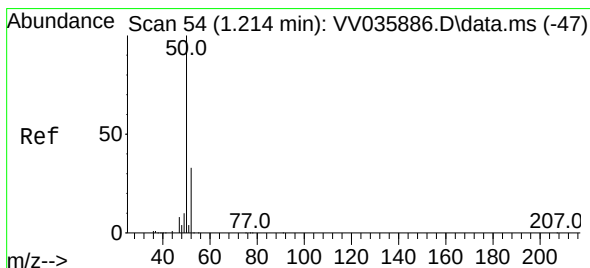
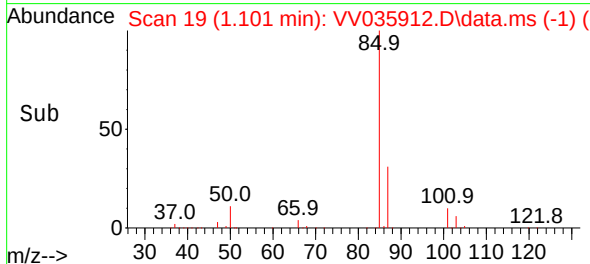
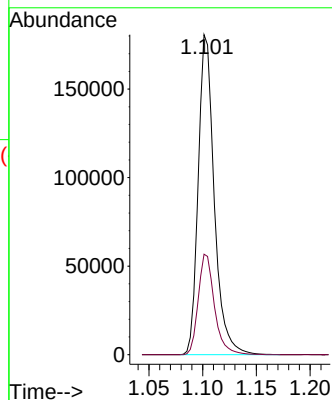
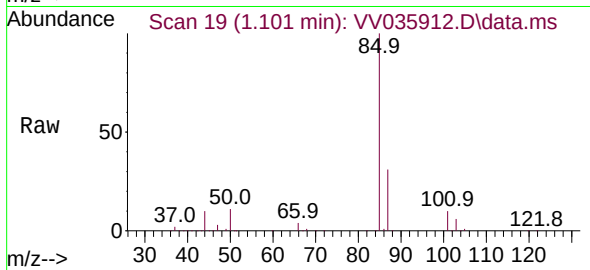




#2
Dichlorodifluoromethane
Concen: 22.193 ug/L
RT: 1.101 min Scan# 10
Delta R.T. -0.003 min
Lab File: VV035912.D
Acq: 30 May 2024 21:43

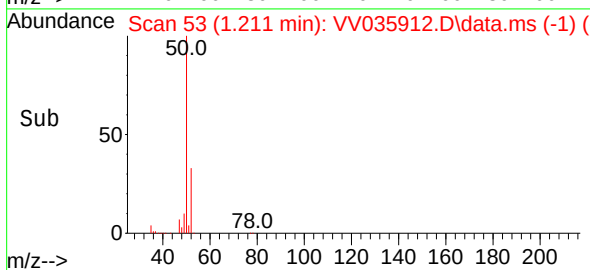
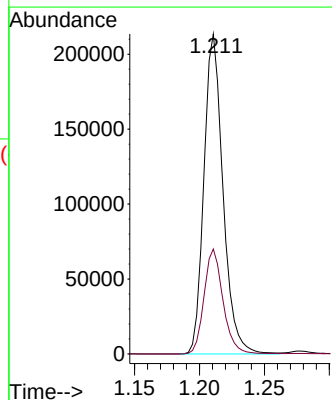
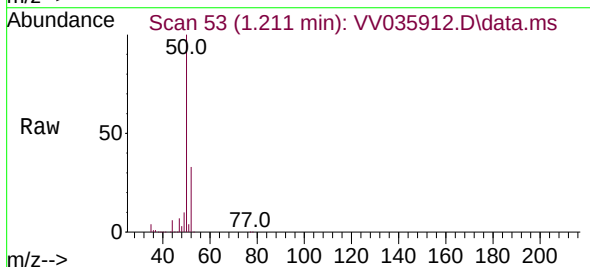
Instrument :
MSVOA_V
ClientSampleId :

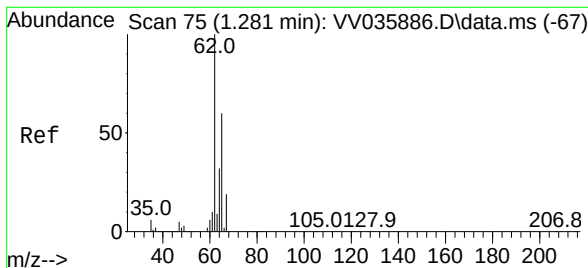
Tgt Ion: 85 Resp: 187226
Ion Ratio Lower Upper
85 100
87 31.8 25.9 38.9



#3
Chloromethane
Concen: 22.564 ug/L
RT: 1.211 min Scan# 53
Delta R.T. -0.003 min
Lab File: VV035912.D
Acq: 30 May 2024 21:43

Tgt Ion: 50 Resp: 218460
Ion Ratio Lower Upper
50 100
52 32.8 22.8 42.4





#5

Vinyl chloride

Concen: 22.614 ug/L

RT: 1.278 min Scan# 74

Delta R.T. -0.003 min

Lab File: VV035912.D

Acq: 30 May 2024 21:43

Instrument :

MSVOA_V

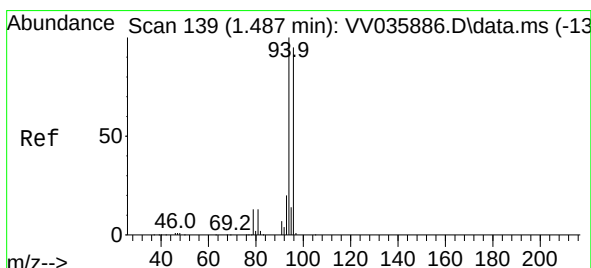
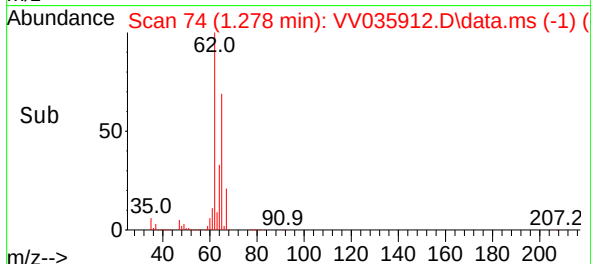
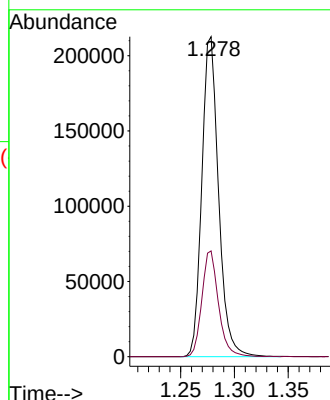
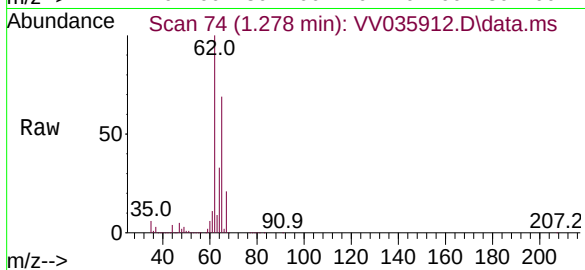
ClientSampleId :

Tgt Ion: 62 Resp: 230494

Ion Ratio Lower Upper

62 100

64 33.0 22.9 42.5



#6

Bromomethane

Concen: 22.605 ug/L

RT: 1.484 min Scan# 138

Delta R.T. -0.003 min

Lab File: VV035912.D

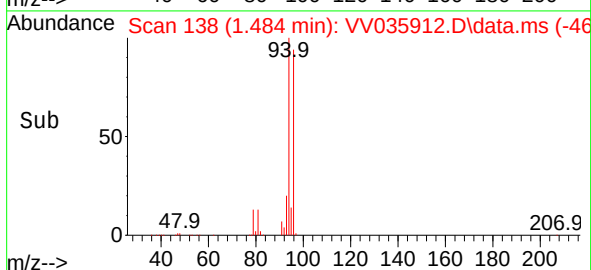
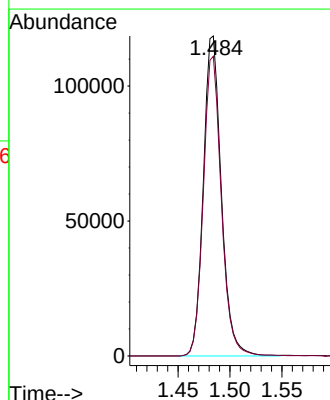
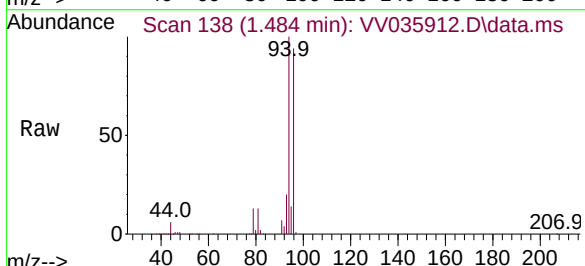
Acq: 30 May 2024 21:43

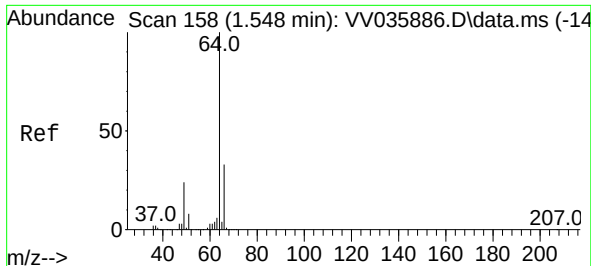
Tgt Ion: 94 Resp: 142934

Ion Ratio Lower Upper

94 100

96 93.7 65.7 122.1

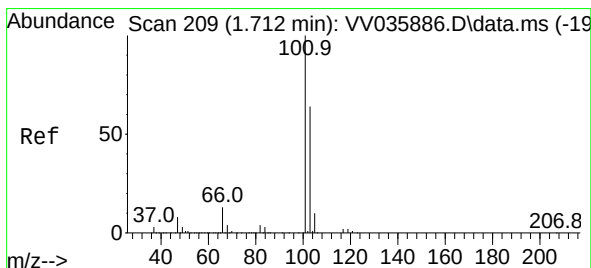
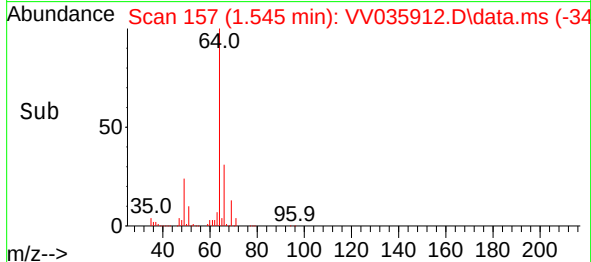
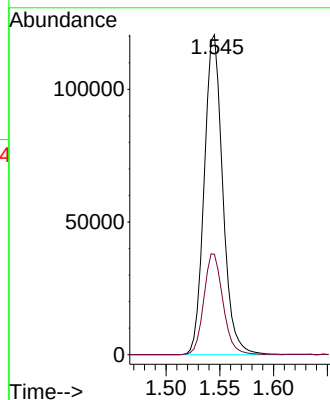
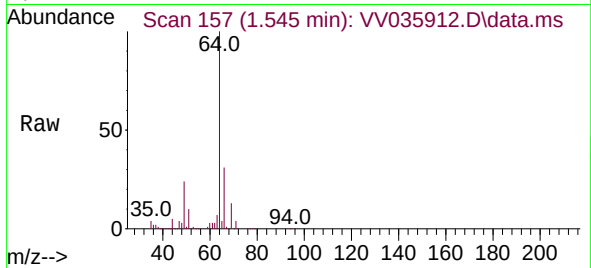




#8
Chloroethane
Concen: 22.788 ug/L
RT: 1.545 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV035912.D
Acq: 30 May 2024 21:43

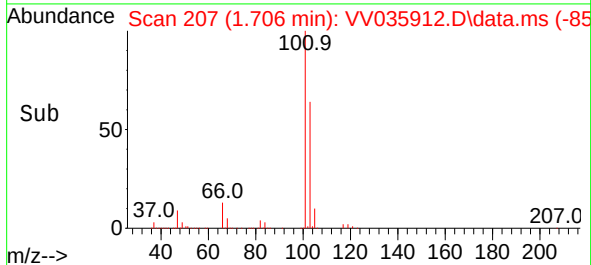
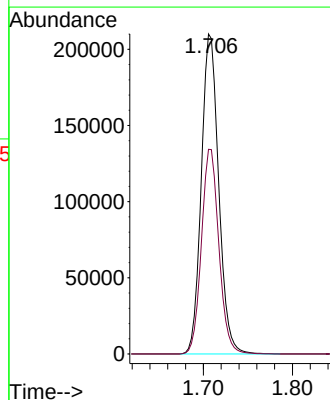
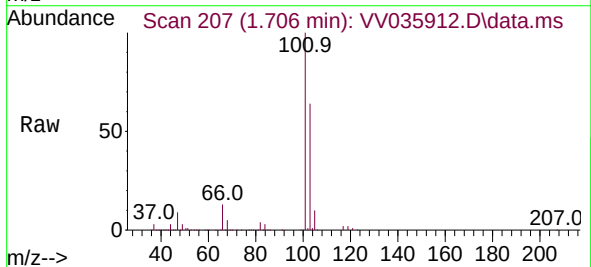
Instrument :
MSVOA_V
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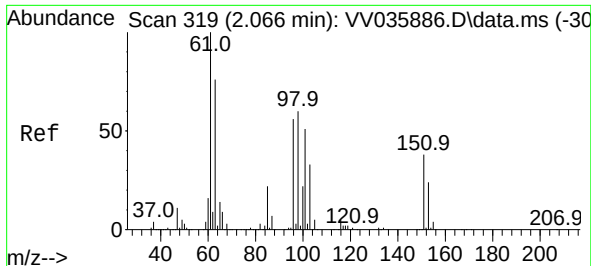
Tgt Ion: 64 Resp: 144370
Ion Ratio Lower Upper
64 100
66 31.4 22.0 41.0



#9
Trichlorofluoromethane
Concen: 22.489 ug/L
RT: 1.706 min Scan# 207
Delta R.T. -0.006 min
Lab File: VV035912.D
Acq: 30 May 2024 21:43

Tgt Ion:101 Resp: 284659
Ion Ratio Lower Upper
101 100
103 64.1 51.8 77.8

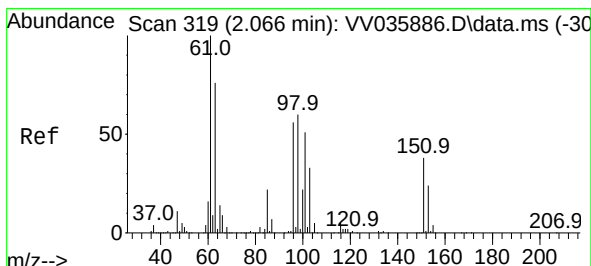
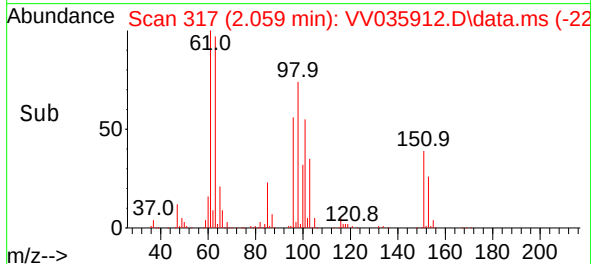
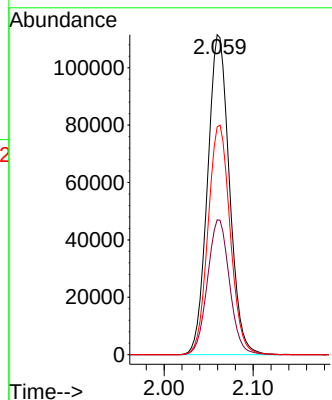
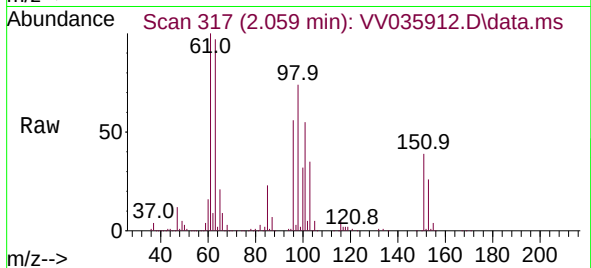




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 23.664 ug/L
RT: 2.059 min Scan# 317
Delta R.T. -0.006 min
Lab File: VV035912.D
Acq: 30 May 2024 21:43

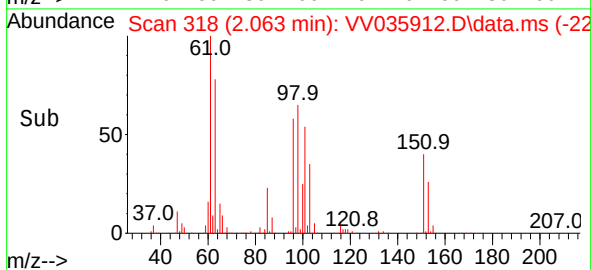
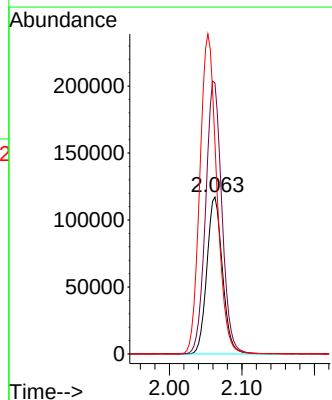
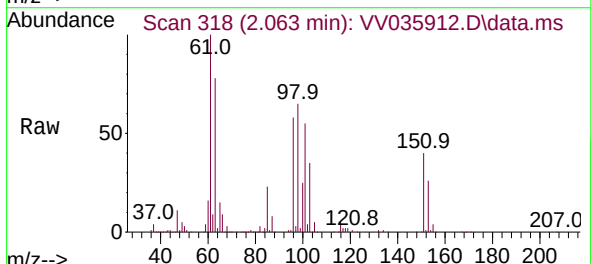
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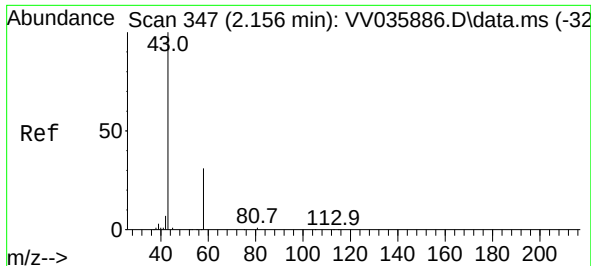
Tgt Ion:101 Resp: 190096
Ion Ratio Lower Upper
101 100
85 42.5 34.5 51.7
151 72.6 56.3 84.5



#12
1,1-Dichloroethene
Concen: 23.409 ug/L
RT: 2.063 min Scan# 318
Delta R.T. -0.003 min
Lab File: VV035912.D
Acq: 30 May 2024 21:43

Tgt Ion: 96 Resp: 175388
Ion Ratio Lower Upper
96 100
61 172.6 127.3 236.3
63 135.1 93.7 173.9





#13

Acetone

Concen: 24.113 ug/L

RT: 2.159 min Scan# 347

Delta R.T. 0.003 min

Lab File: VV035912.D

Acq: 30 May 2024 21:43

Instrument :

MSVOA_V

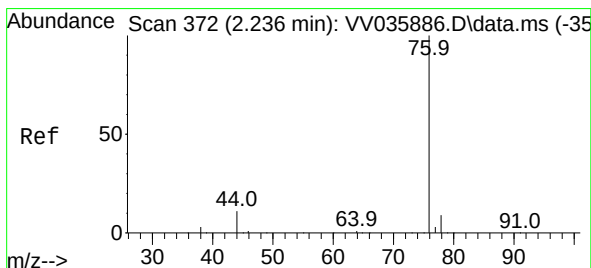
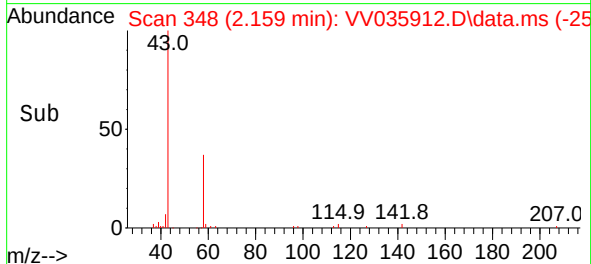
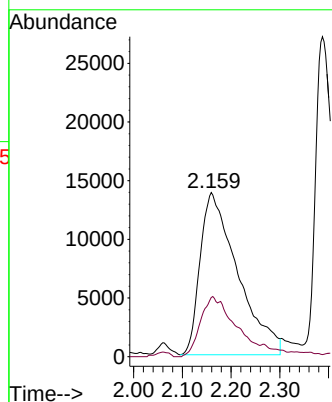
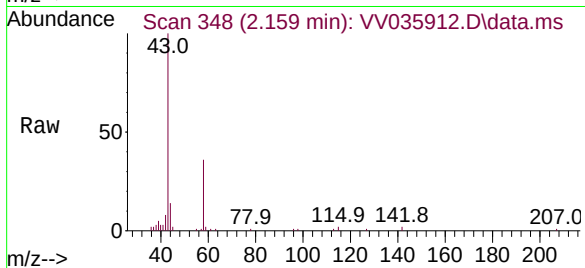
ClientSampleId :

Tgt Ion: 43 Resp: 74131

Ion Ratio Lower Upper

43 100

58 16.3 0.0 24.2



#14

Carbon disulfide

Concen: 22.631 ug/L

RT: 2.233 min Scan# 371

Delta R.T. -0.003 min

Lab File: VV035912.D

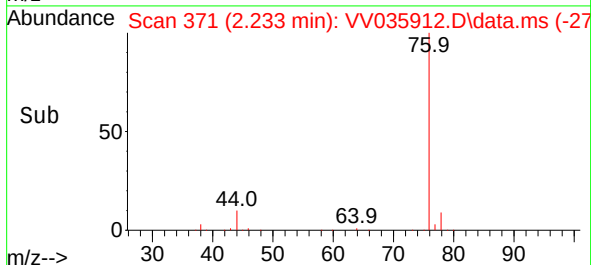
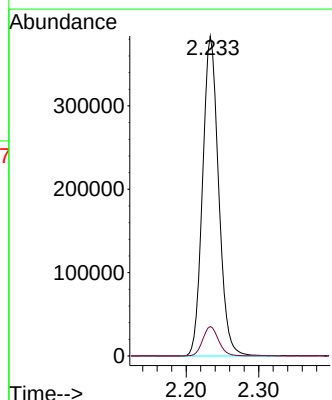
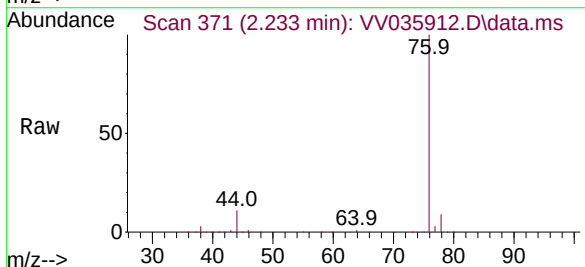
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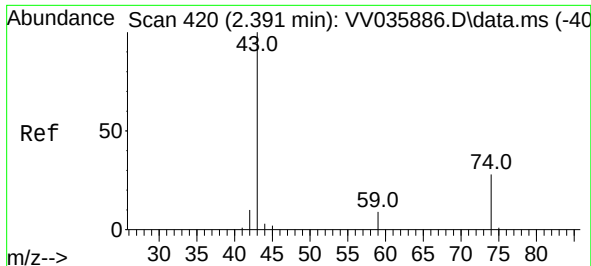
Tgt Ion: 76 Resp: 588811

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.2





#15

Methyl Acetate

Concen: 21.580 ug/L

RT: 2.387 min Scan# 41

Delta R.T. -0.003 min

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Acq: 30 May 2024 21:43

Instrument :

MSVOA_V

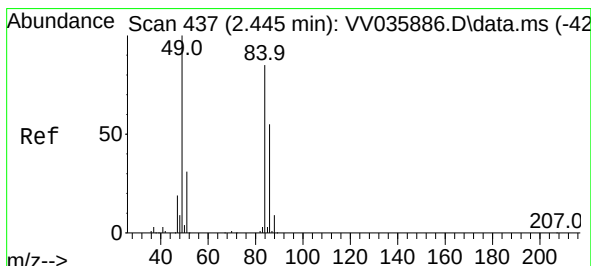
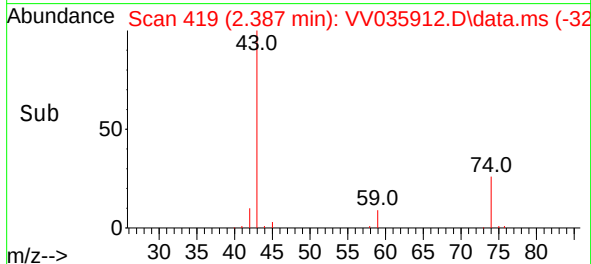
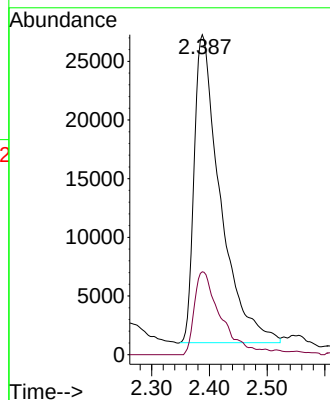
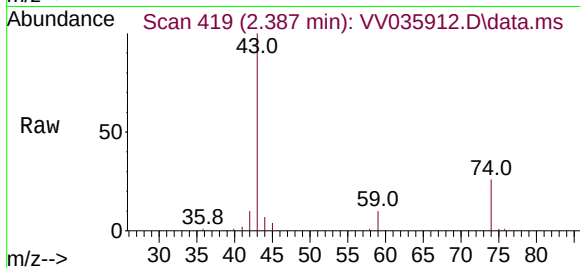
ClientSampleId :

Tgt Ion: 43 Resp: 82463

Ion Ratio Lower Upper

43 100

74 24.2 21.4 32.2



#16

Methylene chloride

Concen: 23.324 ug/L

RT: 2.442 min Scan# 436

Delta R.T. -0.003 min

Lab File: VV035912.D

Acq: 30 May 2024 21:43

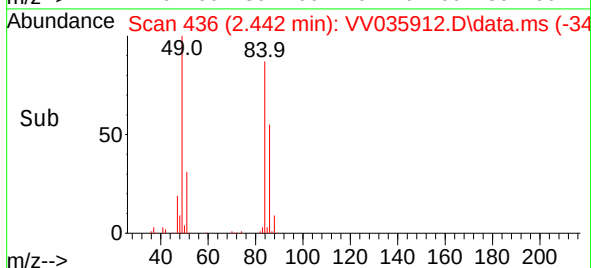
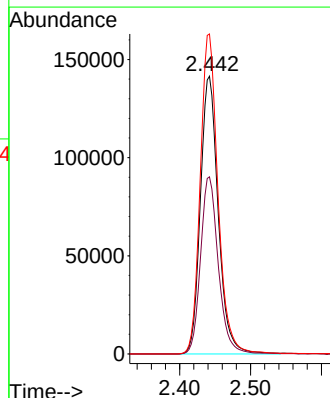
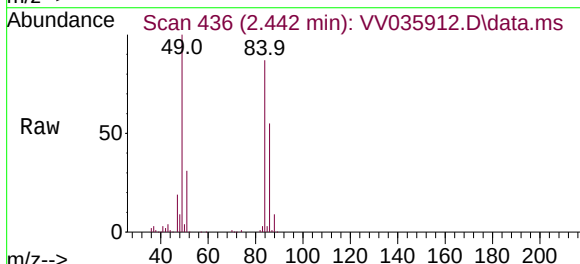
Tgt Ion: 84 Resp: 246934

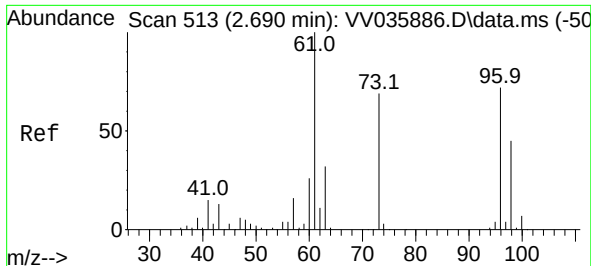
Ion Ratio Lower Upper

84 100

86 63.7 44.6 82.8

49 115.2 81.1 150.5





#17

trans-1,2-Dichloroethene

Concen: 23.015 ug/L

RT: 2.686 min Scan# 512

Delta R.T. -0.003 min

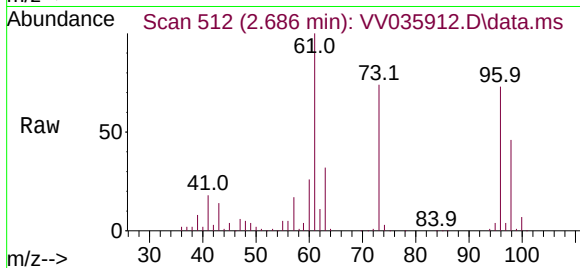
Lab File: VV035912.D

Acq: 30 May 2024 21:43

Instrument :

MSVOA_V

ClientSampleId :



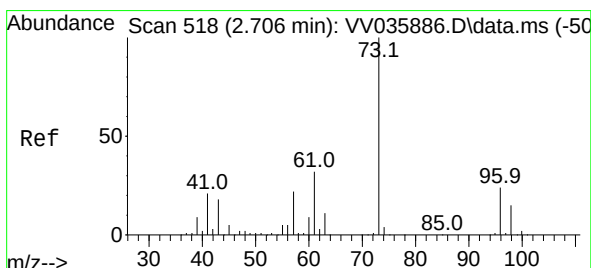
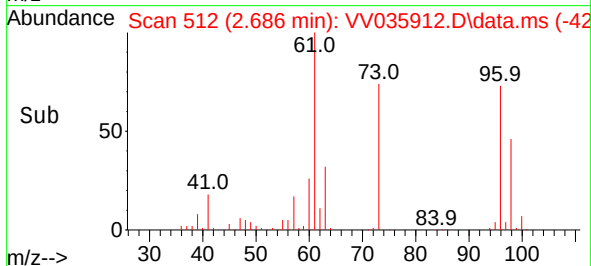
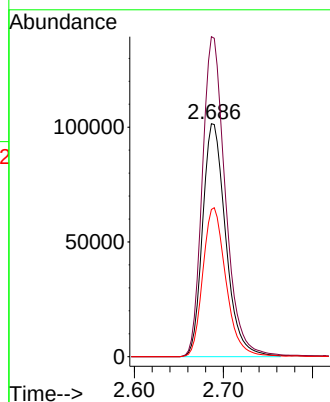
Tgt Ion: 96 Resp: 183176

Ion Ratio Lower Upper

96 100

61 137.3 99.4 184.6

98 63.2 44.9 83.3



#18

Methyl tert-butyl Ether

Concen: 23.567 ug/L

RT: 2.703 min Scan# 517

Delta R.T. -0.003 min

Lab File: VV035912.D

Acq: 30 May 2024 21:43

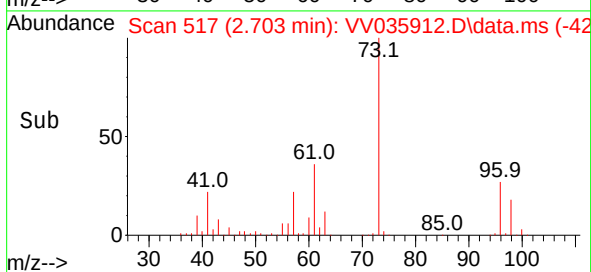
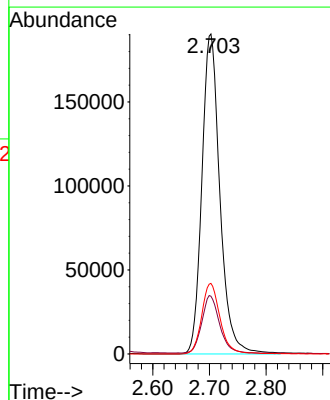
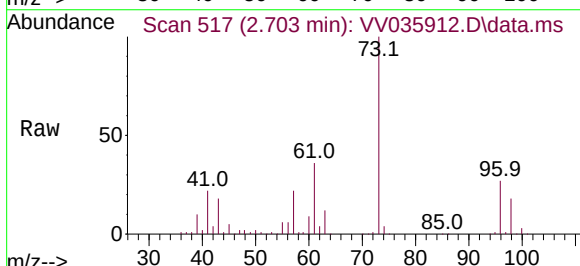
Tgt Ion: 73 Resp: 421090

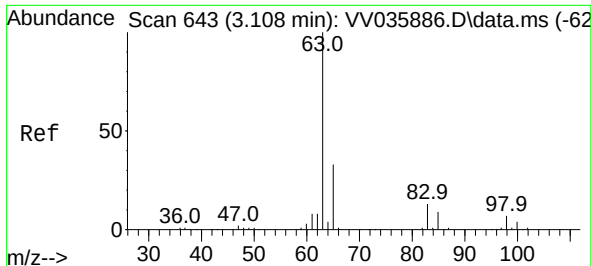
Ion Ratio Lower Upper

73 100

43 17.6 14.3 21.5

57 22.3 17.8 26.6

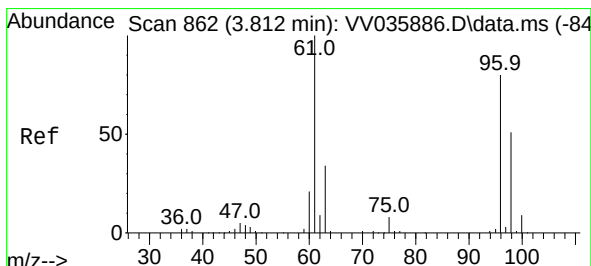
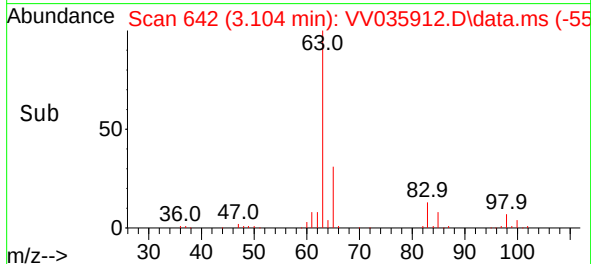
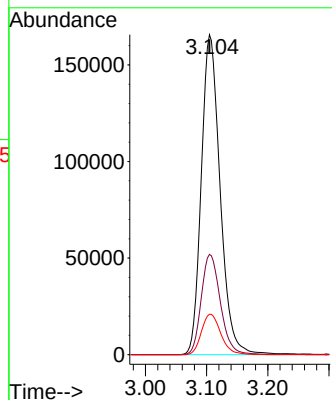
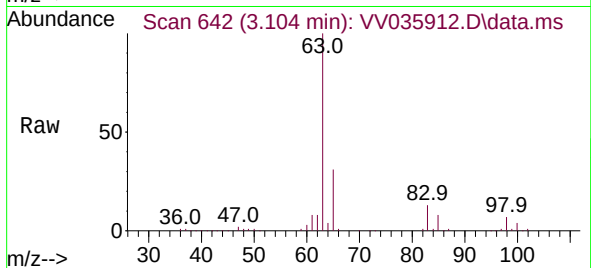




#19
1,1-Dichloroethane
Concen: 23.388 ug/L
RT: 3.104 min Scan# 643
Delta R.T. -0.003 min
Lab File: VV035912.D
Acq: 30 May 2024 21:43

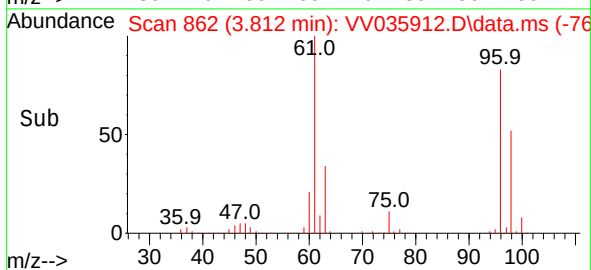
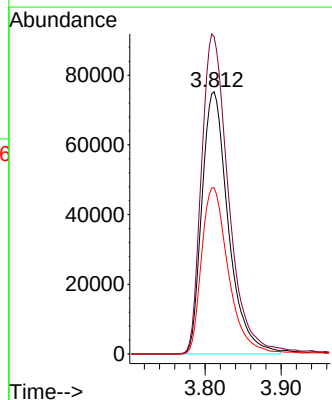
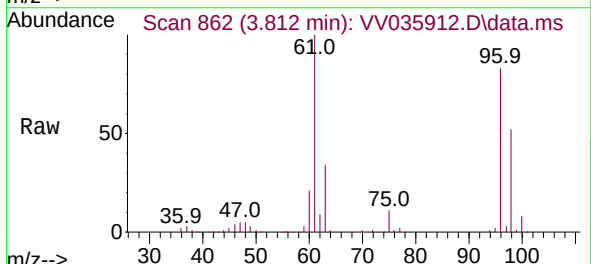
Instrument :
MSVOA_V
ClientSampleId :

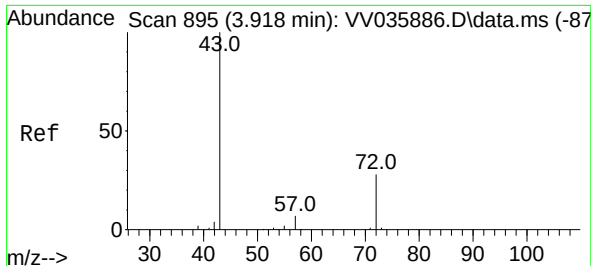
Tgt Ion: 63 Resp: 354483
Ion Ratio Lower Upper
63 100
65 31.3 22.4 41.6
83 12.6 9.2 17.0



#20
cis-1,2-Dichloroethene
Concen: 22.710 ug/L
RT: 3.812 min Scan# 862
Delta R.T. -0.000 min
Lab File: VV035912.D
Acq: 30 May 2024 21:43

Tgt Ion: 96 Resp: 181620
Ion Ratio Lower Upper
96 100
61 121.0 87.9 163.3
98 63.4 44.4 82.5





#22

2-Butanone

Concen: 25.453 ug/L

RT: 3.921 min Scan# 895

Delta R.T. 0.003 min

Lab File: VV035912.D

Acq: 30 May 2024 21:43

Instrument :

MSVOA_V

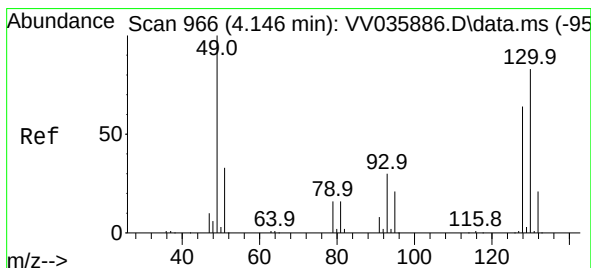
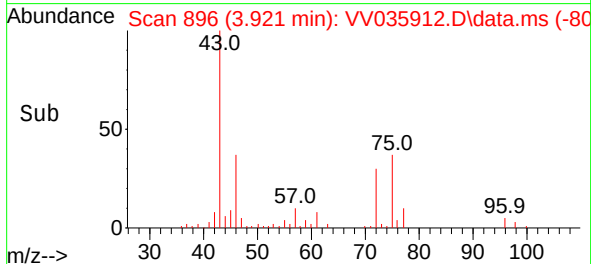
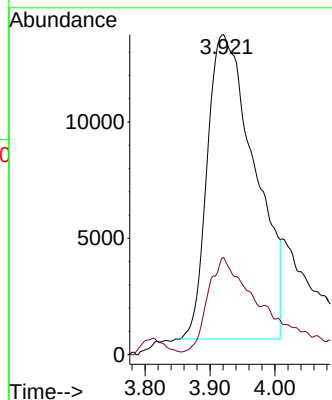
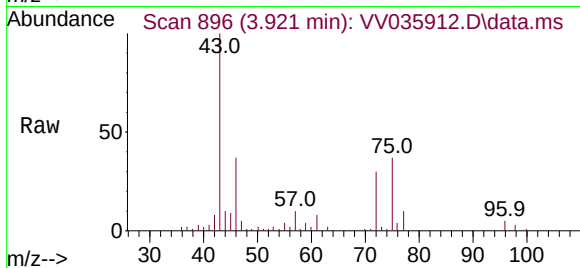
ClientSampleId :

Tgt Ion: 43 Resp: 66398

Ion Ratio Lower Upper

43 100

72 25.6 8.2 24.4#



#23

Bromochloromethane

Concen: 24.410 ug/L

RT: 4.143 min Scan# 965

Delta R.T. -0.003 min

Lab File: VV035912.D

Acq: 30 May 2024 21:43

Tgt Ion:128 Resp: 97921

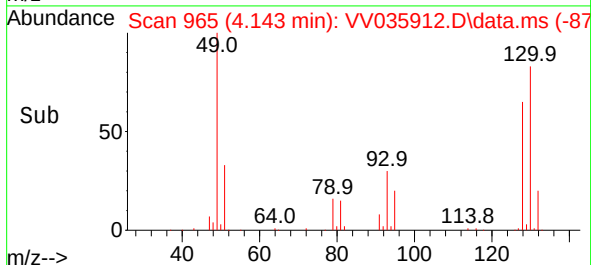
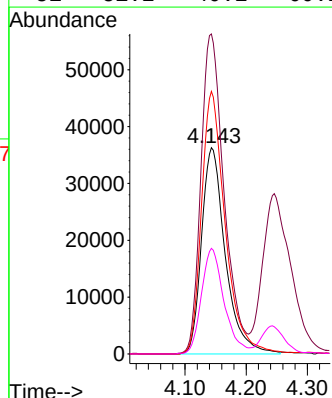
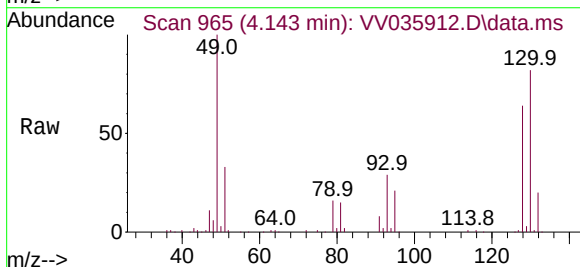
Ion Ratio Lower Upper

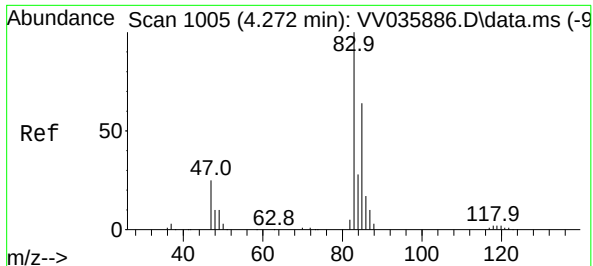
128 100

49 155.1 110.2 204.6

130 127.3 90.2 167.4

51 51.2 40.2 60.2





#25

Chloroform

Concen: 23.664 ug/L

RT: 4.268 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV035912.D

Acq: 30 May 2024 21:43

Instrument :

MSVOA_V

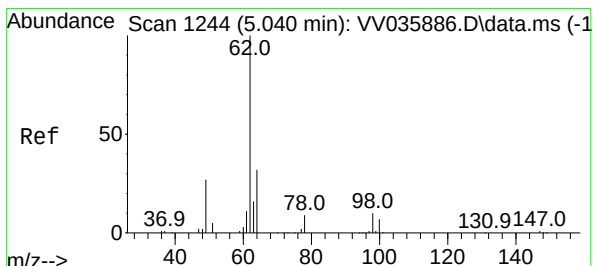
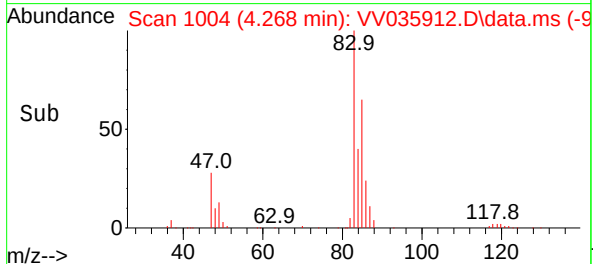
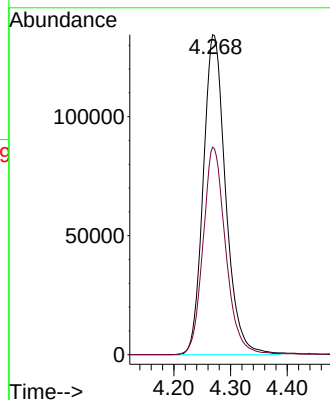
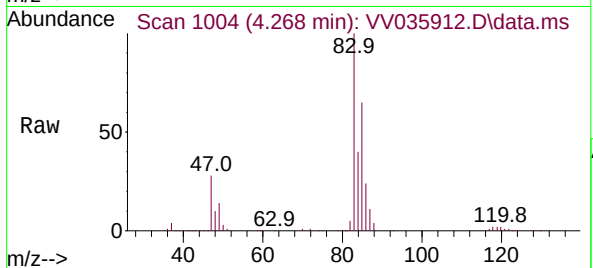
ClientSampleId :

Tgt Ion: 83 Resp: 368953

Ion Ratio Lower Upper

83 100

85 64.8 45.2 84.0



#27

1,2-Dichloroethane

Concen: 23.652 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. -0.003 min

Lab File: VV035912.D

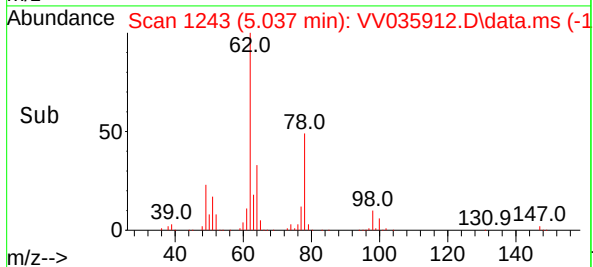
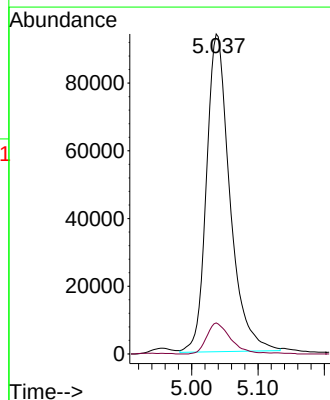
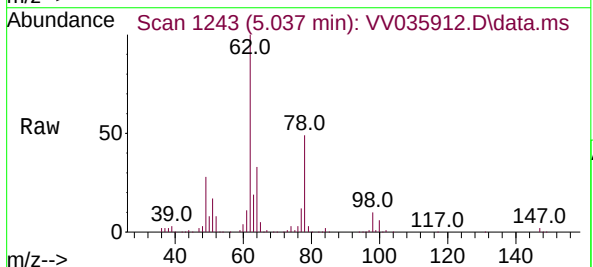
Acq: 30 May 2024 21:43

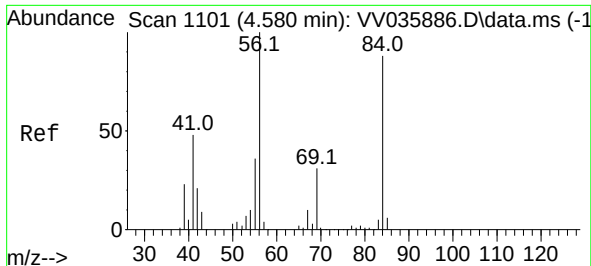
Tgt Ion: 62 Resp: 230226

Ion Ratio Lower Upper

62 100

98 9.7 7.8 11.6





#29

Cyclohexane

Concen: 22.169 ug/L

RT: 4.577 min Scan# 1100

Delta R.T. -0.003 min

Lab File: VV035912.D

Acq: 30 May 2024 21:43

Instrument :

MSVOA_V

ClientSampleId :

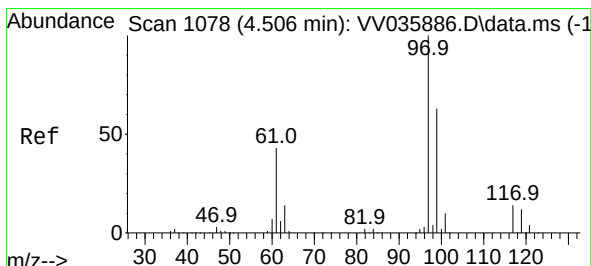
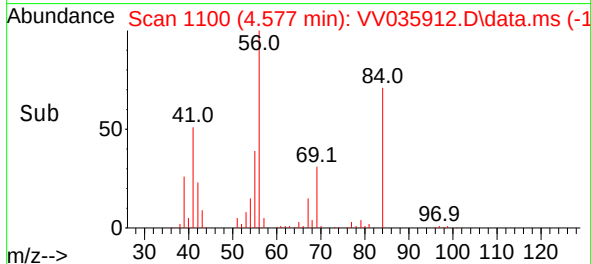
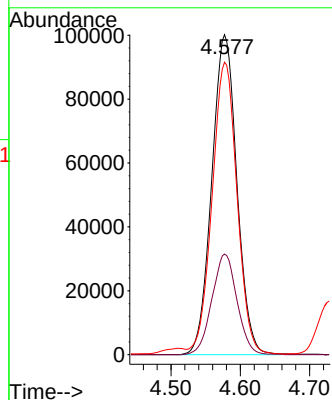
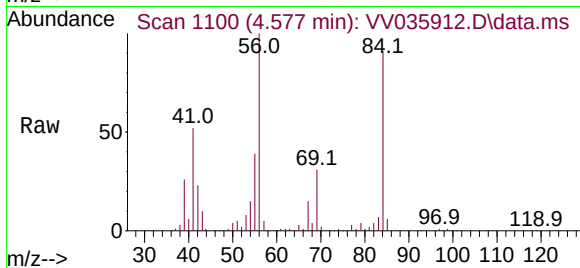
Tgt Ion: 56 Resp: 252290

Ion Ratio Lower Upper

56 100

69 31.4 25.2 37.8

84 90.3 72.2 108.2



#30

1,1,1-Trichloroethane

Concen: 22.532 ug/L

RT: 4.506 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VV035912.D

Acq: 30 May 2024 21:43

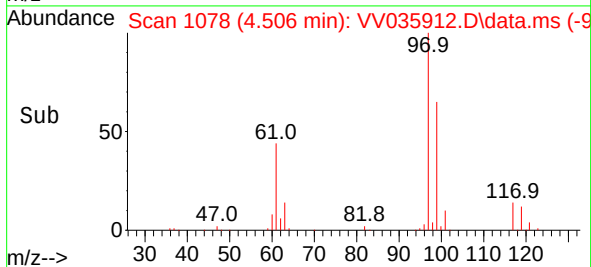
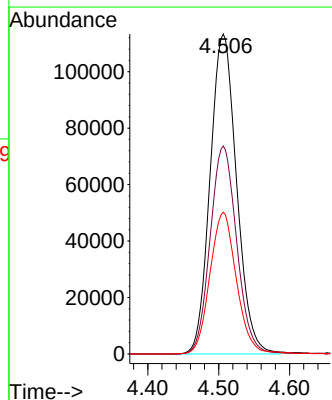
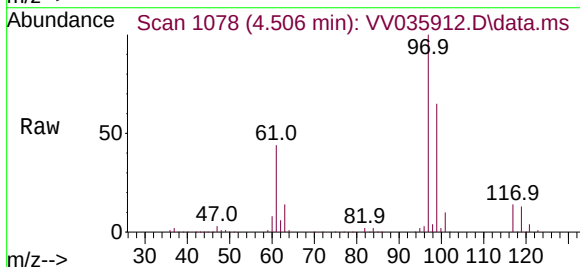
Tgt Ion: 97 Resp: 294427

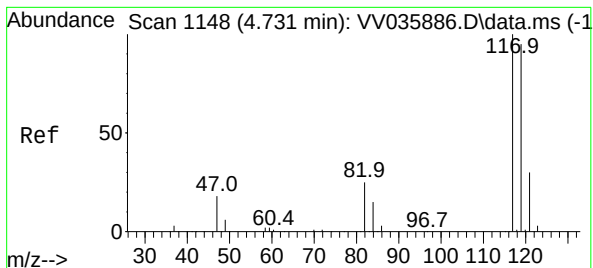
Ion Ratio Lower Upper

97 100

99 65.2 50.9 76.3

61 44.4 35.0 52.6





#31

Carbon tetrachloride

Concen: 22.614 ug/L

RT: 4.728 min Scan# 1147

Delta R.T. -0.003 min

Lab File: VV035912.D

Acq: 30 May 2024 21:43

Instrument :

MSVOA_V

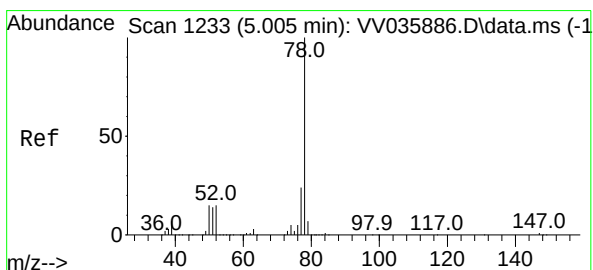
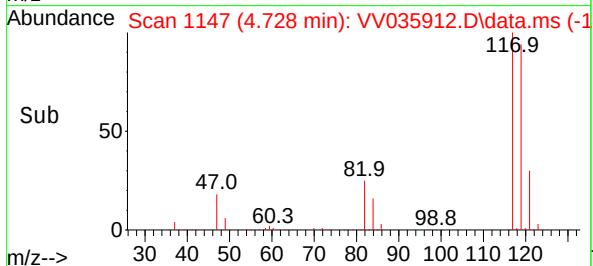
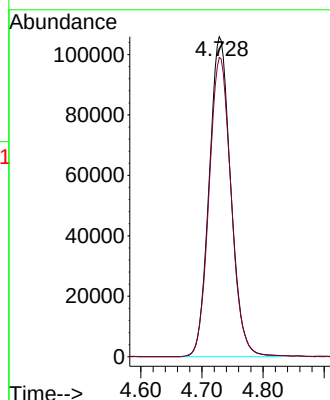
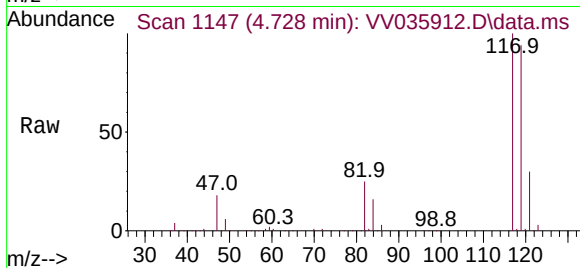
ClientSampleId :

Tgt Ion:117 Resp: 259232

Ion Ratio Lower Upper

117 100

119 95.5 76.8 115.2



#33

Benzene

Concen: 24.363 ug/L

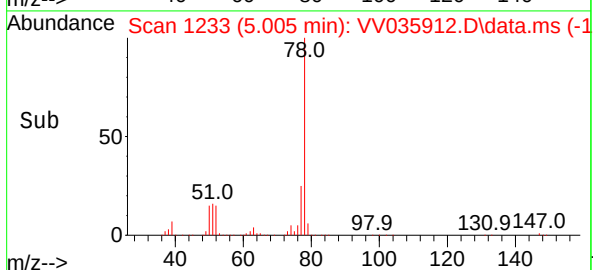
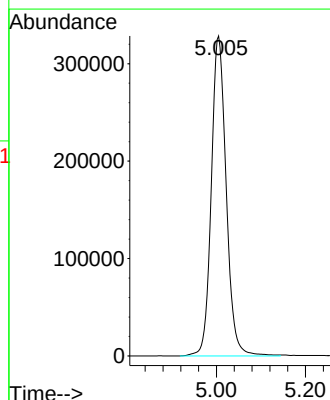
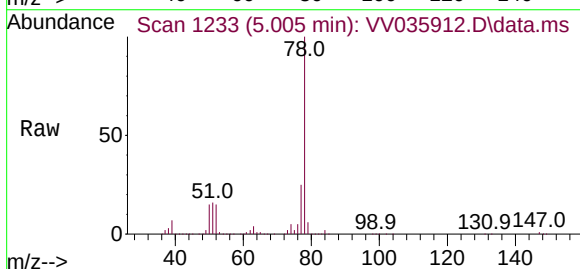
RT: 5.005 min Scan# 1233

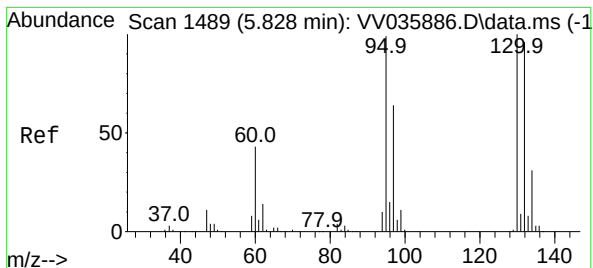
Delta R.T. -0.000 min

Lab File: VV035912.D

Acq: 30 May 2024 21:43

Tgt Ion: 78 Resp: 761607





#34

Trichloroethene

Concen: 23.278 ug/L

RT: 5.828 min Scan# 1489

Delta R.T. -0.000 min

Lab File: VV035912.D

Acq: 30 May 2024 21:43

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 223026

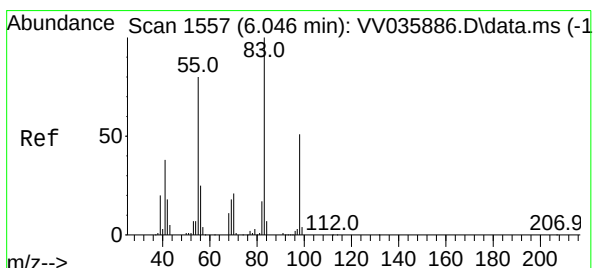
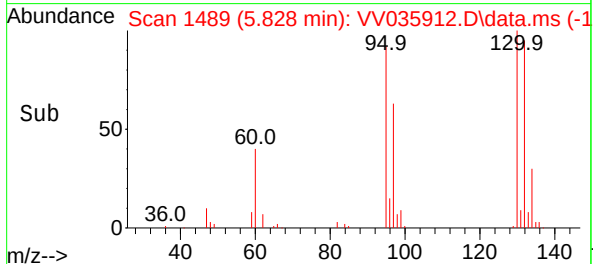
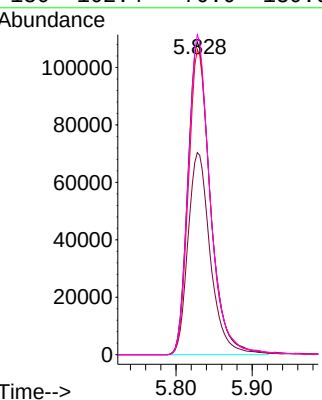
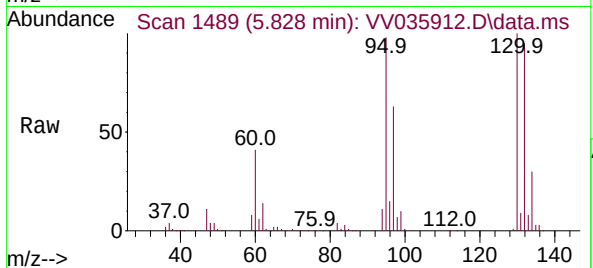
Ion Ratio Lower Upper

95 100

97 64.6 44.8 83.2

132 97.6 66.8 124.2

130 102.4 70.0 130.0



#35

Methylcyclohexane

Concen: 22.994 ug/L

RT: 6.046 min Scan# 1557

Delta R.T. 0.000 min

Lab File: VV035912.D

Acq: 30 May 2024 21:43

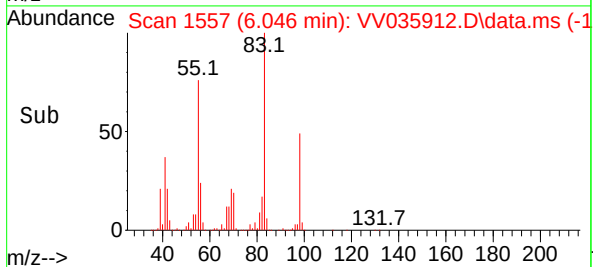
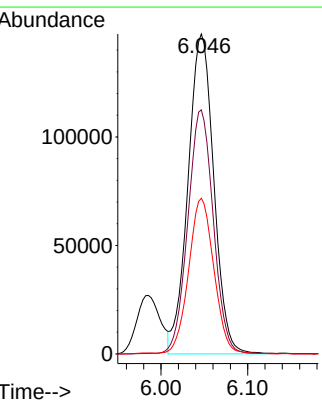
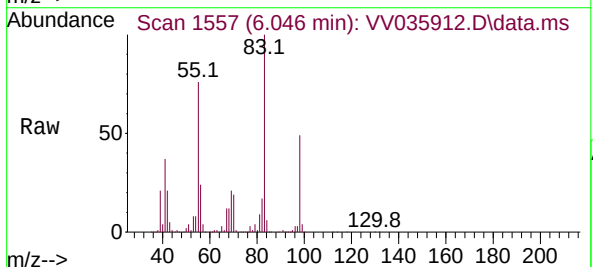
Tgt Ion: 83 Resp: 304658

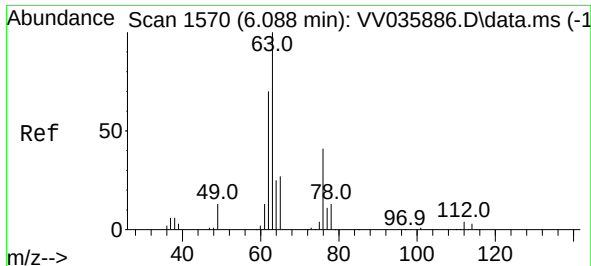
Ion Ratio Lower Upper

83 100

55 75.3 60.7 91.1

98 47.9 38.7 58.1

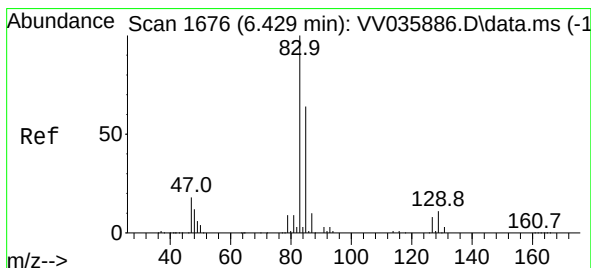
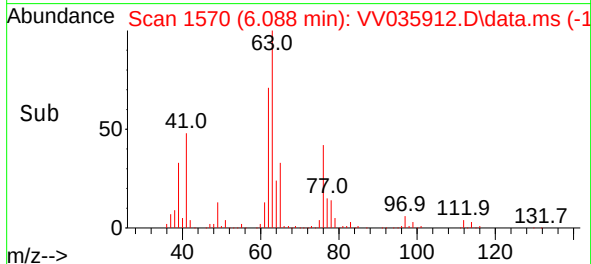
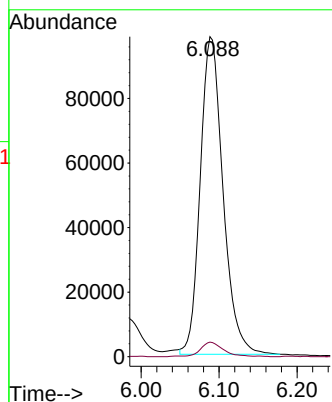
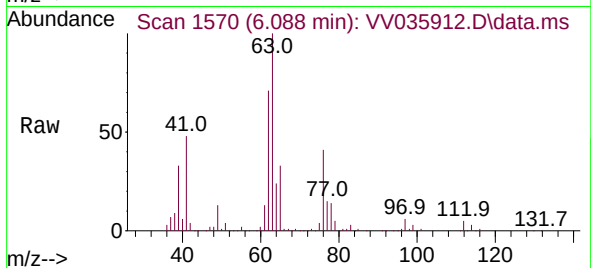




#37
1,2-Dichloropropane
Concen: 24.361 ug/L
RT: 6.088 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VV035912.D
Acq: 30 May 2024 21:43

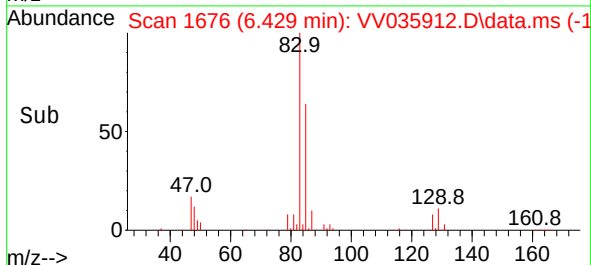
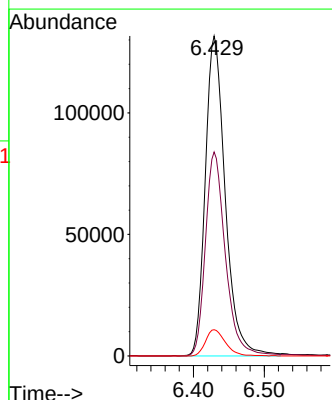
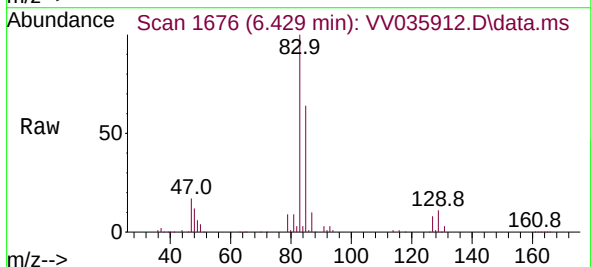
Instrument :
MSVOA_V
ClientSampleId :

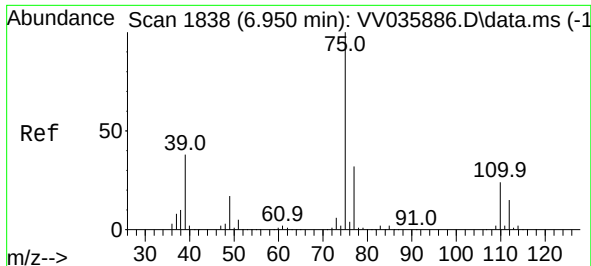
Tgt Ion: 63 Resp: 199961
Ion Ratio Lower Upper
63 100
112 4.2 3.5 5.3



#38
Bromodichloromethane
Concen: 23.767 ug/L
RT: 6.429 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VV035912.D
Acq: 30 May 2024 21:43

Tgt Ion: 83 Resp: 258215
Ion Ratio Lower Upper
83 100
85 63.8 45.3 84.1
127 8.2 6.7 10.1

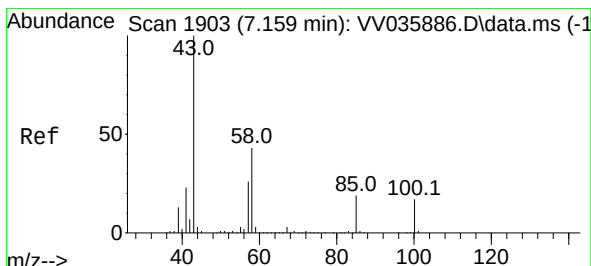
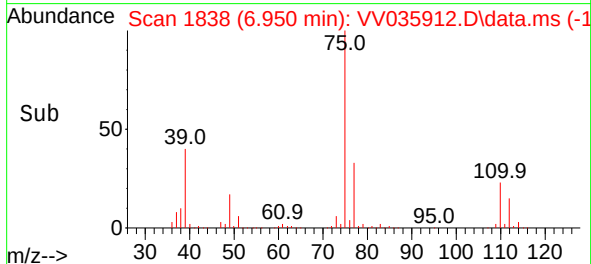
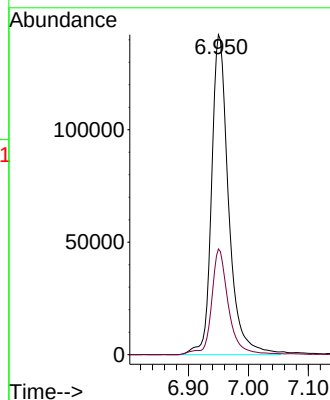
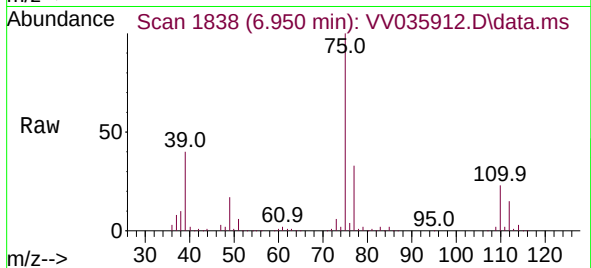




#39
 cis-1,3-Dichloropropene
 Concen: 22.915 ug/L
 RT: 6.950 min Scan# 1838
 Delta R.T. 0.000 min
 Lab File: VV035912.D
 Acq: 30 May 2024 21:43

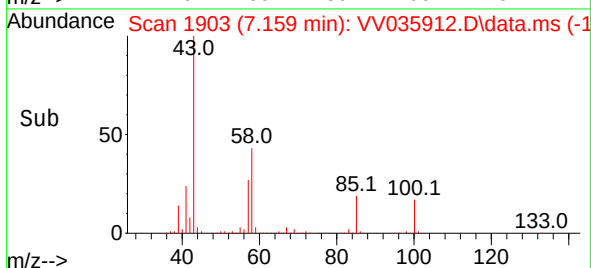
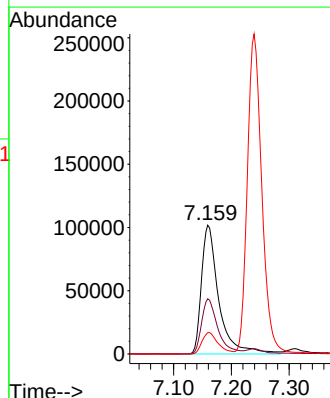
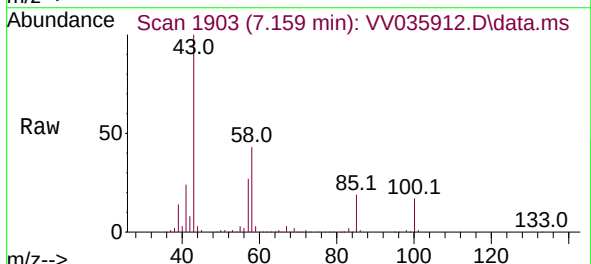
Instrument :
 MSVOA_V
 ClientSampleId :

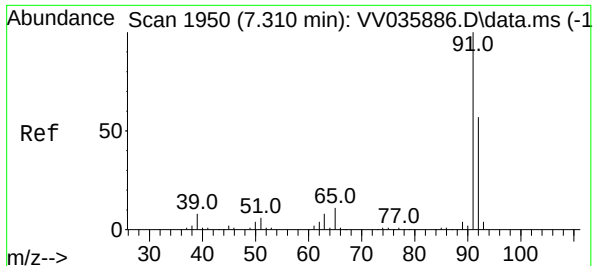
Tgt Ion: 75 Resp: 281332
 Ion Ratio Lower Upper
 75 100
 77 33.0 22.1 41.1



#40
 4-Methyl-2-pentanone
 Concen: 47.512 ug/L
 RT: 7.159 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VV035912.D
 Acq: 30 May 2024 21:43

Tgt Ion: 43 Resp: 211885
 Ion Ratio Lower Upper
 43 100
 58 40.2 32.5 48.7
 100 15.6 12.5 18.7





#42

Toluene

Concen: 24.712 ug/L

RT: 7.310 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VV035912.D

Acq: 30 May 2024 21:43

Instrument :

MSVOA_V

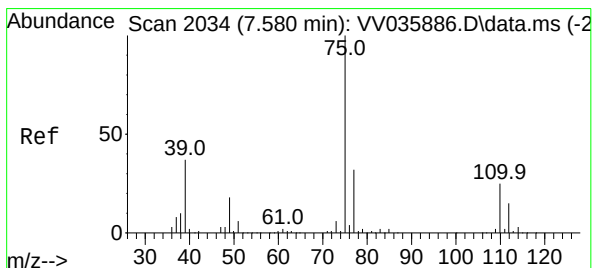
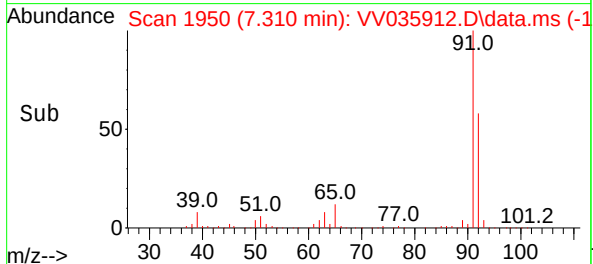
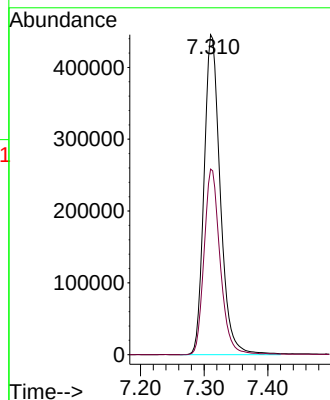
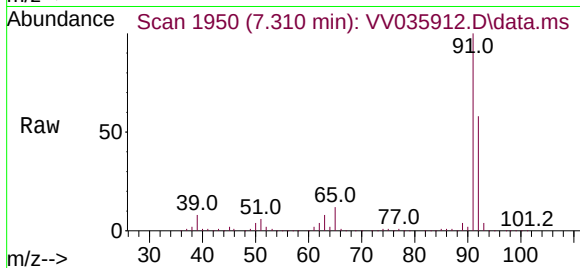
ClientSampleId :

Tgt Ion: 91 Resp: 789365

Ion Ratio Lower Upper

91 100

92 58.0 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 23.826 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. -0.003 min

Lab File: VV035912.D

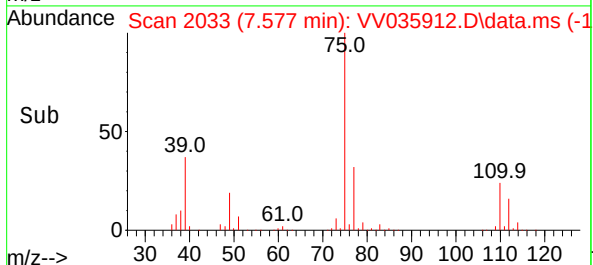
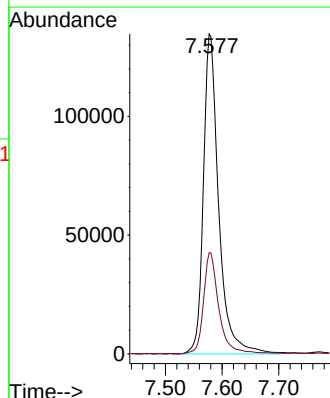
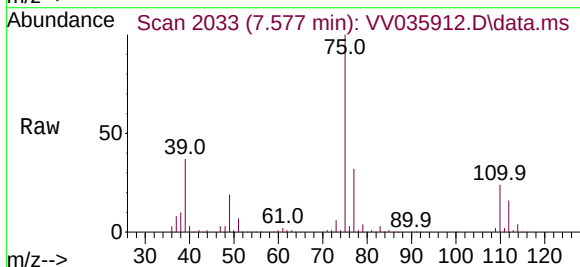
Acq: 30 May 2024 21:43

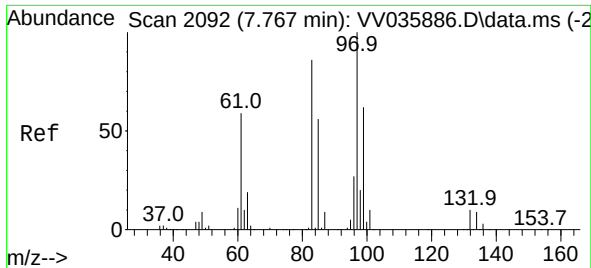
Tgt Ion: 75 Resp: 252662

Ion Ratio Lower Upper

75 100

77 31.7 23.1 42.9





#45

1,1,2-Trichloroethane

Concen: 23.636 ug/L

RT: 7.767 min Scan# 2092

Delta R.T. -0.000 min

Lab File: VV035912.D

Acq: 30 May 2024 21:43

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 160531

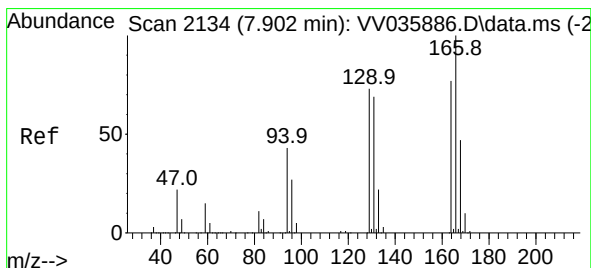
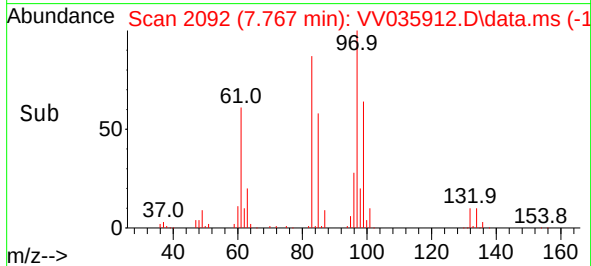
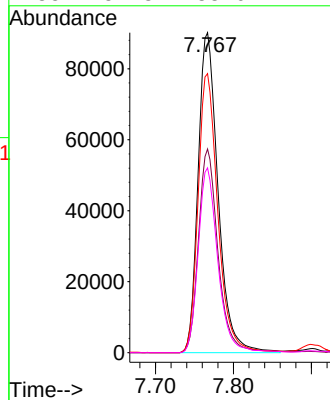
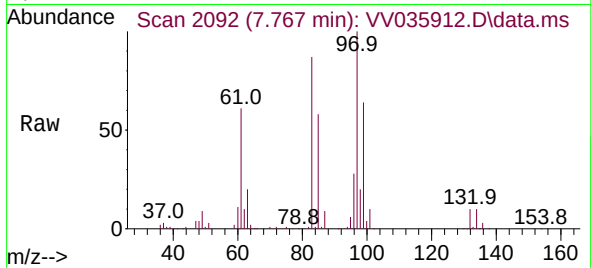
Ion Ratio Lower Upper

97 100

99 63.6 43.3 80.5

83 87.2 60.1 111.7

85 57.8 38.9 72.3



#46

Tetrachloroethene

Concen: 21.941 ug/L

RT: 7.902 min Scan# 2134

Delta R.T. -0.000 min

Lab File: VV035912.D

Acq: 30 May 2024 21:43

Tgt Ion:164 Resp: 153741

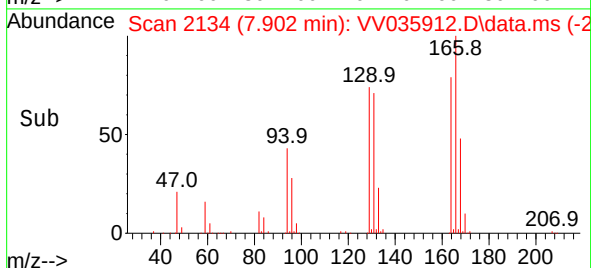
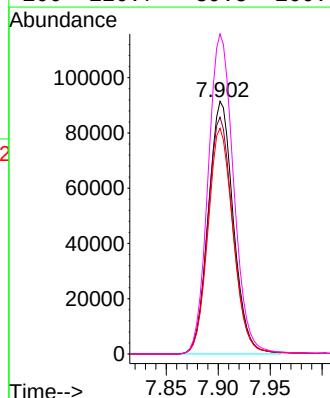
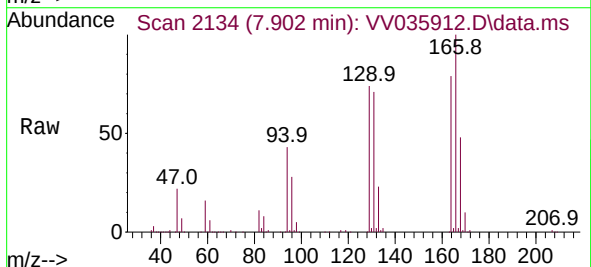
Ion Ratio Lower Upper

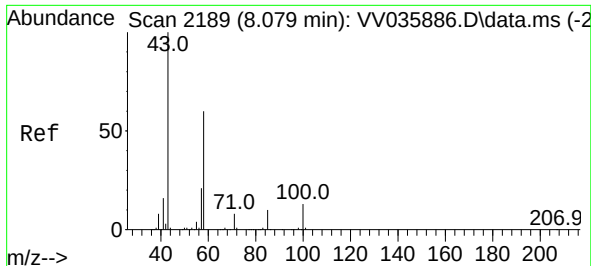
164 100

129 93.8 64.6 120.0

131 89.3 63.2 117.4

166 126.7 89.5 166.3

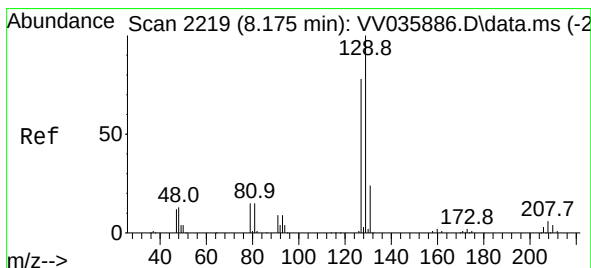
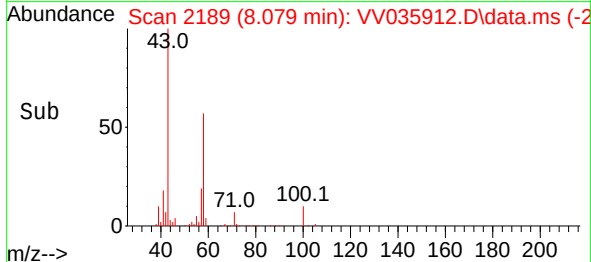
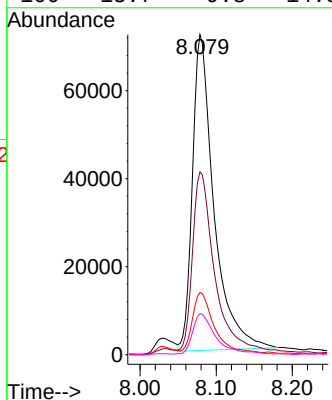
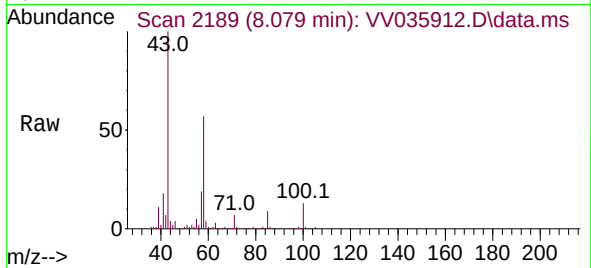




#48
2-Hexanone
Concen: 40.471 ug/L
RT: 8.079 min Scan# 2189
Delta R.T. -0.000 min
Lab File: VV035912.D
Acq: 30 May 2024 21:43

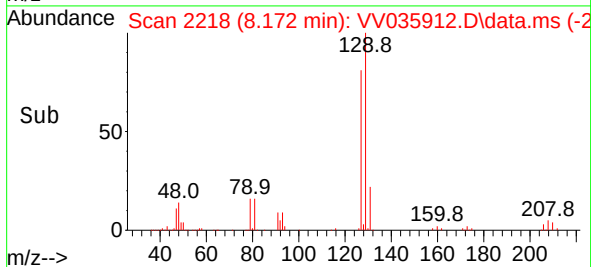
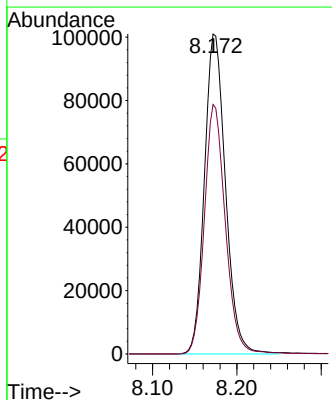
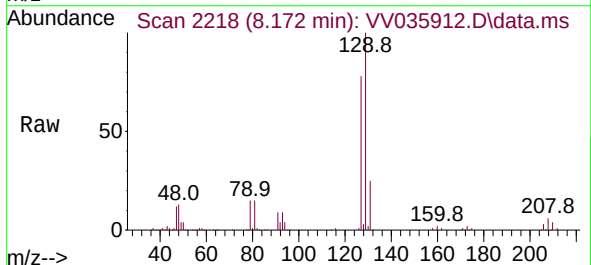
Instrument :
MSVOA_V
ClientSampleId :

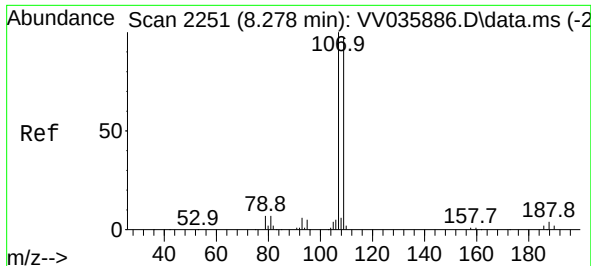
Tgt Ion: 43 Resp: 141100
Ion Ratio Lower Upper
43 100
58 60.1 45.4 68.0
57 20.0 15.8 23.8
100 13.7 9.8 14.8



#49
Dibromochloromethane
Concen: 23.650 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. -0.003 min
Lab File: VV035912.D
Acq: 30 May 2024 21:43

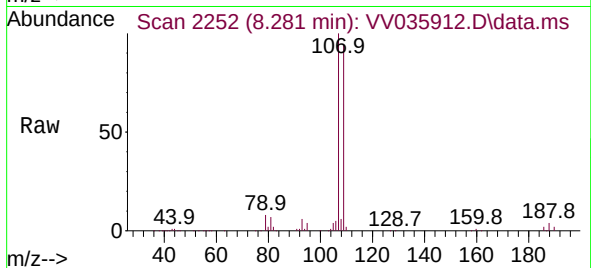
Tgt Ion:129 Resp: 175794
Ion Ratio Lower Upper
129 100
127 77.9 53.9 100.1



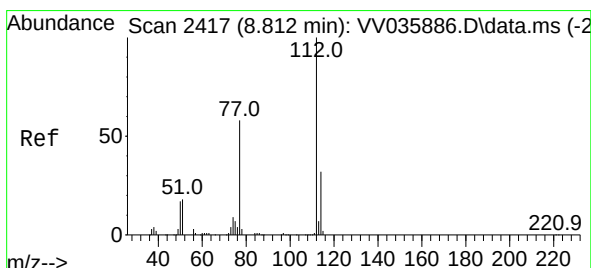
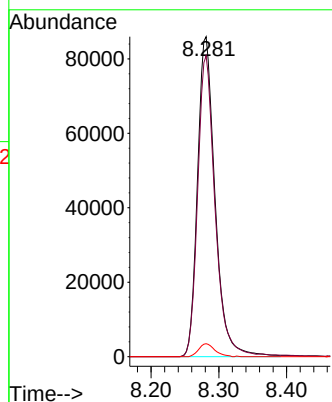
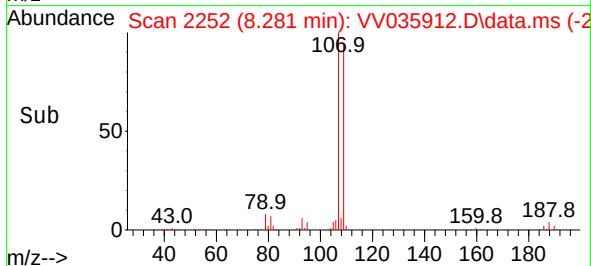


#50
1,2-Dibromoethane
Concen: 23.717 ug/L
RT: 8.281 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV035912.D
Acq: 30 May 2024 21:43

Instrument :
MSVOA_V
ClientSampleId :

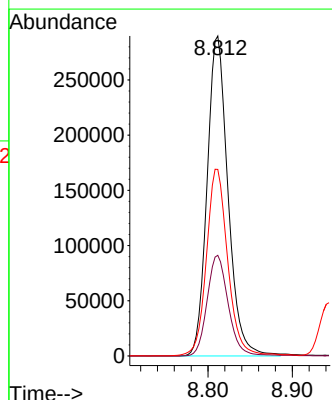
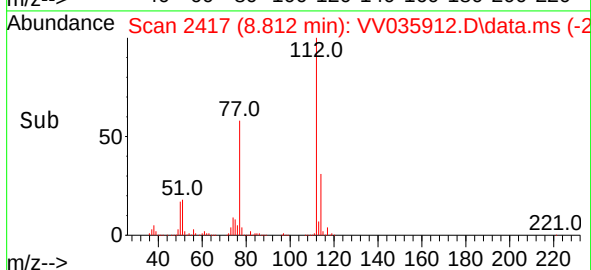
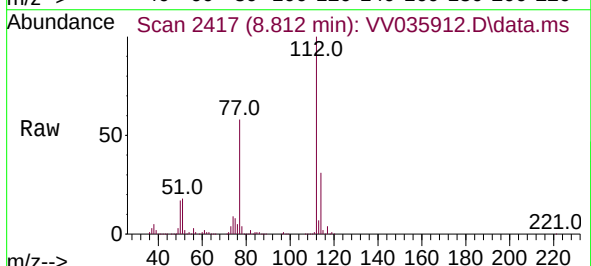


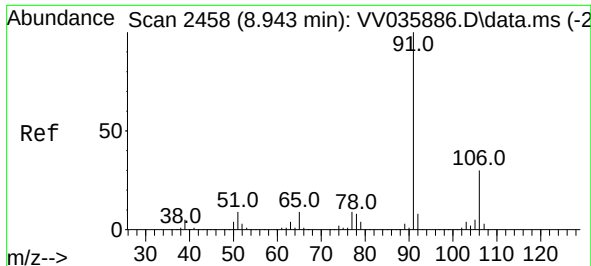
Tgt Ion:107 Resp: 154561
Ion Ratio Lower Upper
107 100
109 94.0 66.1 122.7
188 4.0 3.0 4.6



#51
Chlorobenzene
Concen: 22.998 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. -0.000 min
Lab File: VV035912.D
Acq: 30 May 2024 21:43

Tgt Ion:112 Resp: 500528
Ion Ratio Lower Upper
112 100
114 31.5 22.3 41.5
77 58.3 47.3 70.9

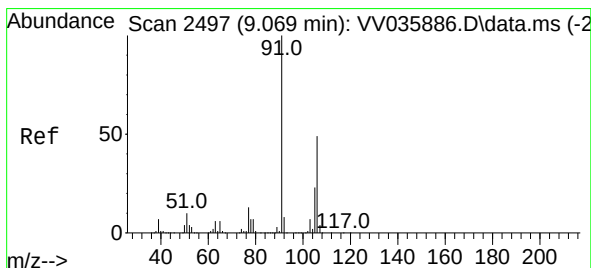
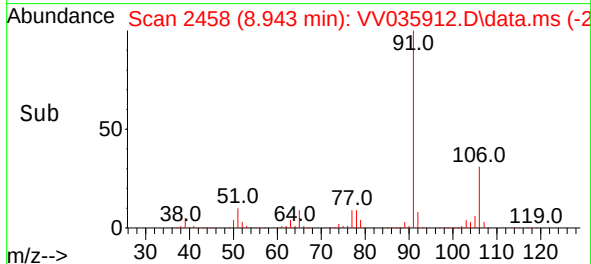
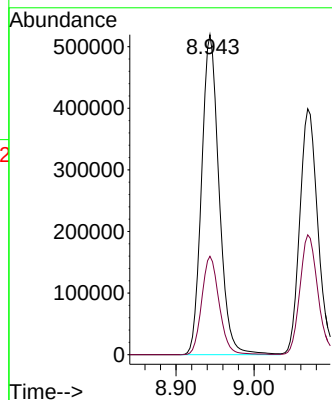
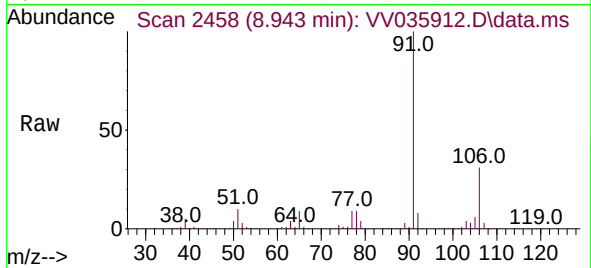




#52
Ethylbenzene
Concen: 23.672 ug/L
RT: 8.943 min Scan# 2458
Delta R.T. -0.000 min
Lab File: VV035912.D
Acq: 30 May 2024 21:43

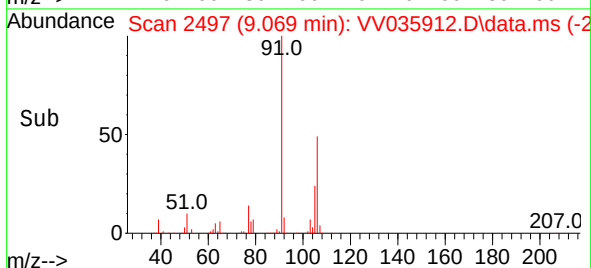
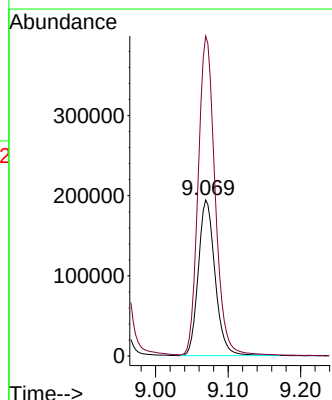
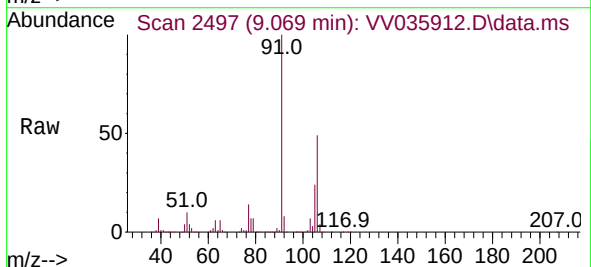
Instrument :
MSVOA_V
ClientSampleId :

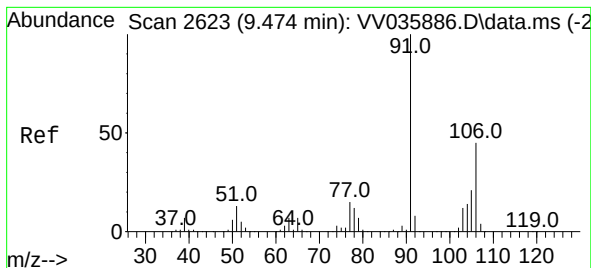
Tgt Ion: 91 Resp: 809003
Ion Ratio Lower Upper
91 100
106 30.8 21.6 40.0



#53
m,p-Xylene
Concen: 24.229 ug/L
RT: 9.069 min Scan# 2497
Delta R.T. 0.000 min
Lab File: VV035912.D
Acq: 30 May 2024 21:43

Tgt Ion: 106 Resp: 311138
Ion Ratio Lower Upper
106 100
91 205.2 143.1 265.9





#54

o-Xylene

Concen: 23.938 ug/L

RT: 9.477 min Scan# 2

Delta R.T. 0.003 min

Lab File: VV035912.D

Acq: 30 May 2024 21:43

Instrument :

MSVOA_V

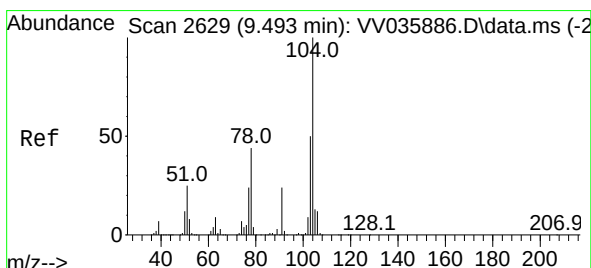
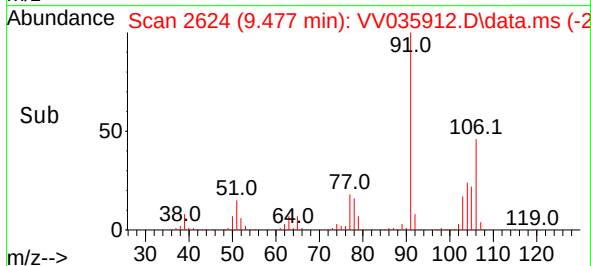
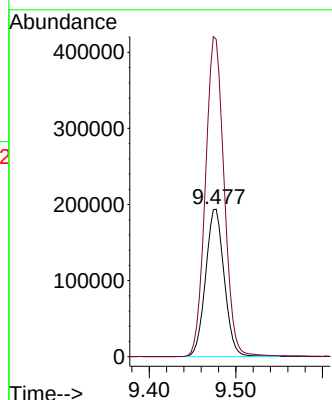
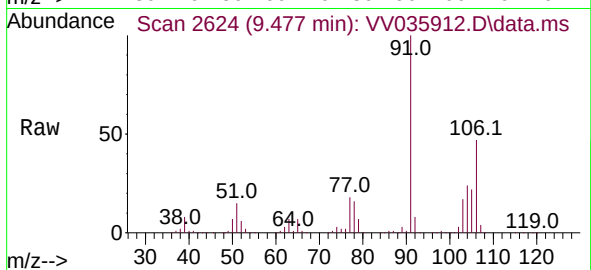
ClientSampleId :

Tgt Ion:106 Resp: 289890

Ion Ratio Lower Upper

106 100

91 215.0 154.5 286.9



#55

Styrene

Concen: 25.414 ug/L

RT: 9.493 min Scan# 2629

Delta R.T. -0.000 min

Lab File: VV035912.D

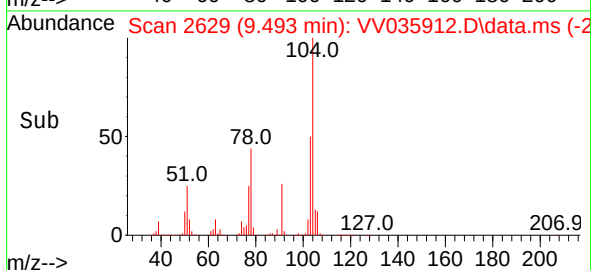
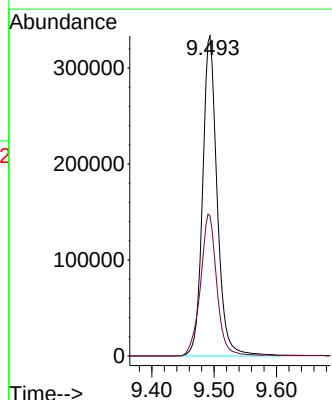
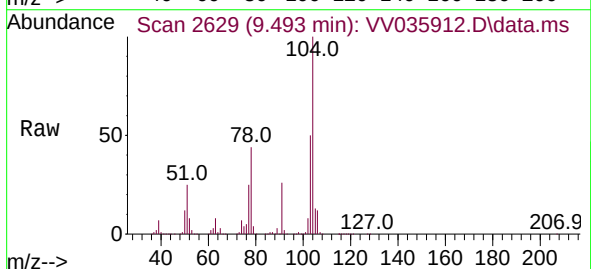
Acq: 30 May 2024 21:43

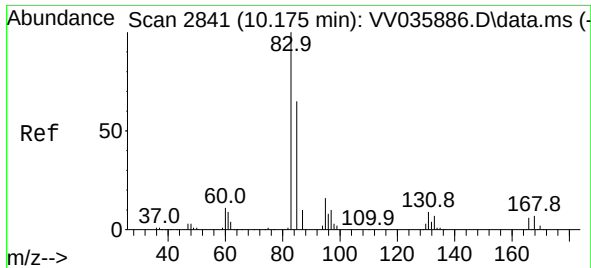
Tgt Ion:104 Resp: 542719

Ion Ratio Lower Upper

104 100

78 43.8 31.4 58.2

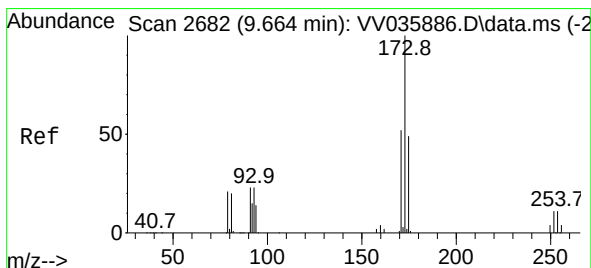
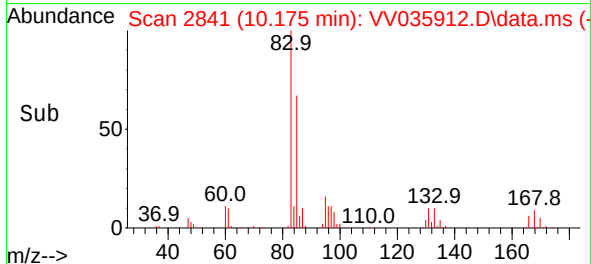
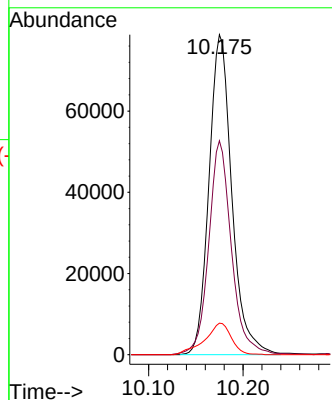
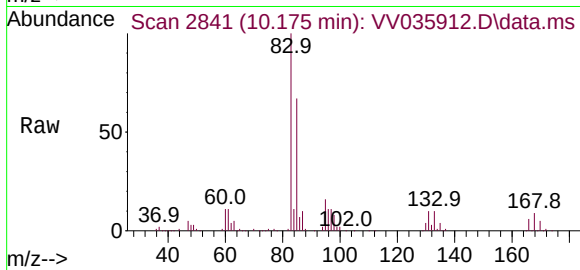




#57
1,1,2,2-Tetrachloroethane
Concen: 21.762 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. 0.000 min
Lab File: VV035912.D
Acq: 30 May 2024 21:43

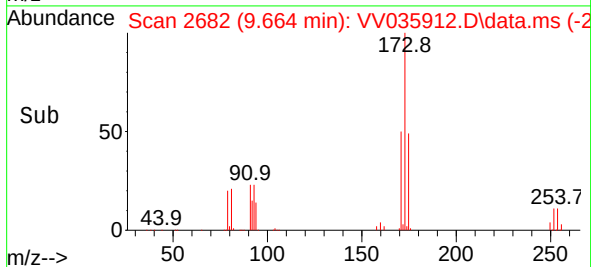
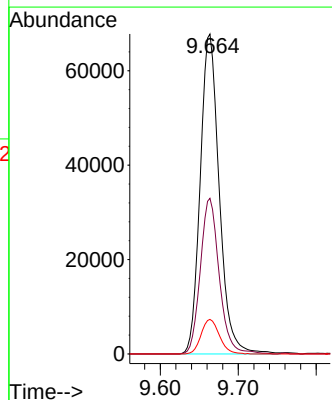
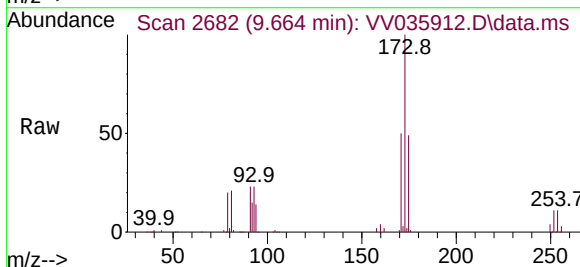
Instrument :
MSVOA_V
ClientSampleId :

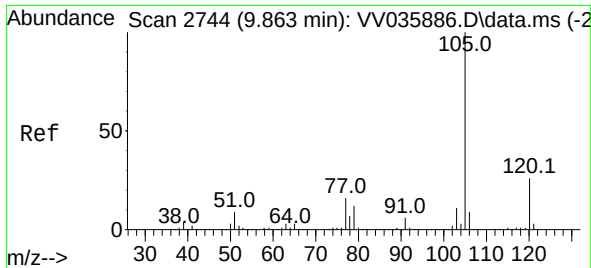
Tgt Ion: 83 Resp: 132344
Ion Ratio Lower Upper
83 100
85 66.9 45.1 83.7
131 9.9 7.6 11.4



#59
Bromoform
Concen: 24.268 ug/L
RT: 9.664 min Scan# 2682
Delta R.T. 0.000 min
Lab File: VV035912.D
Acq: 30 May 2024 21:43

Tgt Ion: 173 Resp: 115069
Ion Ratio Lower Upper
173 100
175 48.3 39.0 58.6
254 10.3 8.6 13.0

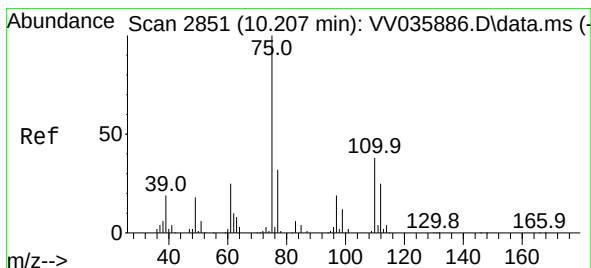
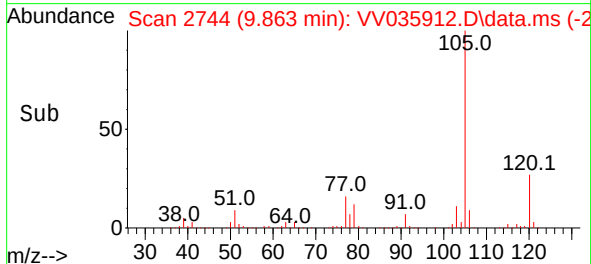
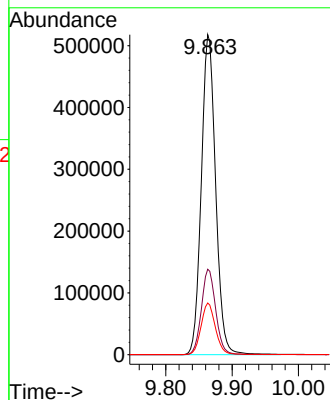
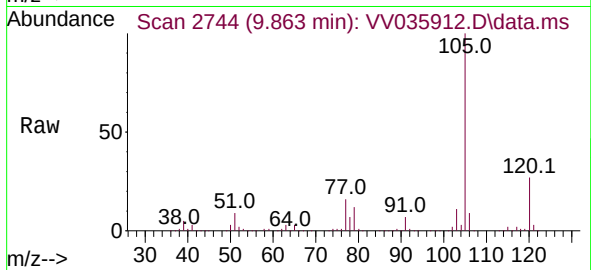




#60
Isopropylbenzene
Concen: 24.069 ug/L
RT: 9.863 min Scan# 2744
Delta R.T. 0.000 min
Lab File: VV035912.D
Acq: 30 May 2024 21:43

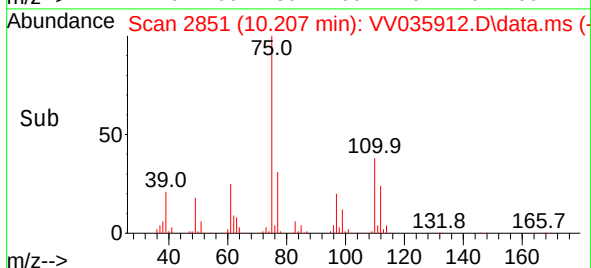
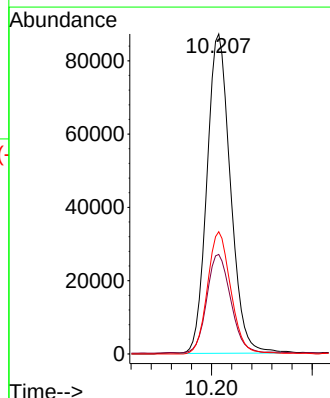
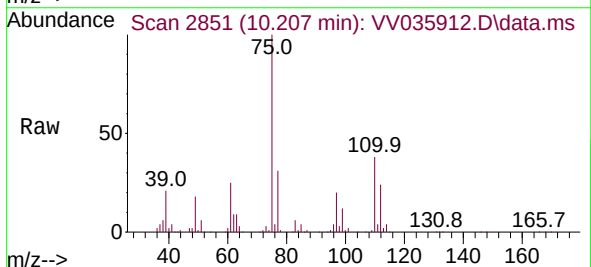
Instrument :
MSVOA_V
ClientSampleId :

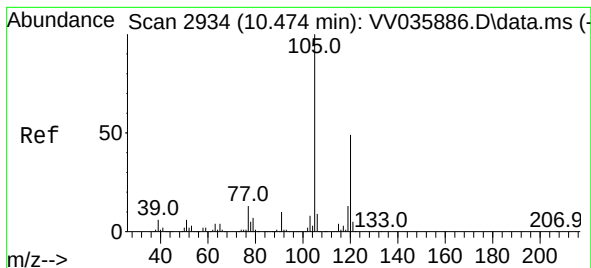
Tgt Ion:105 Resp: 776395
Ion Ratio Lower Upper
105 100
120 26.6 21.0 31.6
77 16.1 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 23.735 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. -0.000 min
Lab File: VV035912.D
Acq: 30 May 2024 21:43

Tgt Ion: 75 Resp: 141143
Ion Ratio Lower Upper
75 100
77 31.4 26.0 39.0
110 38.1 32.2 48.4





#62

1,3,5-Trimethylbenzene

Concen: 23.411 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. -0.000 min

Lab File: VV035912.D

Acq: 30 May 2024 21:43

Instrument :

MSVOA_V

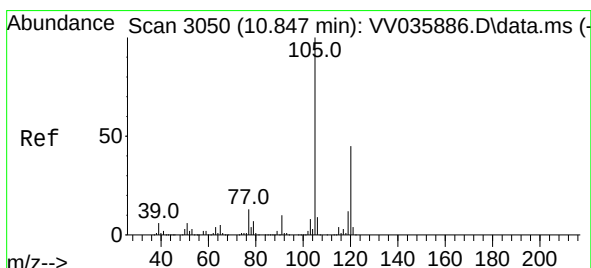
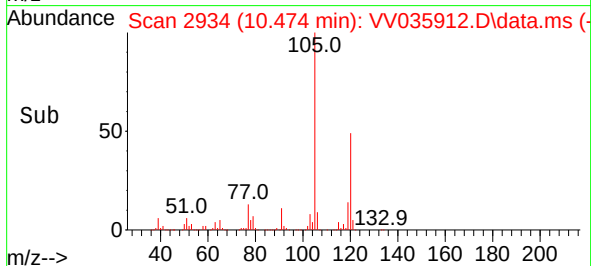
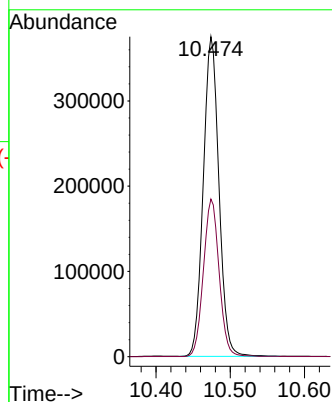
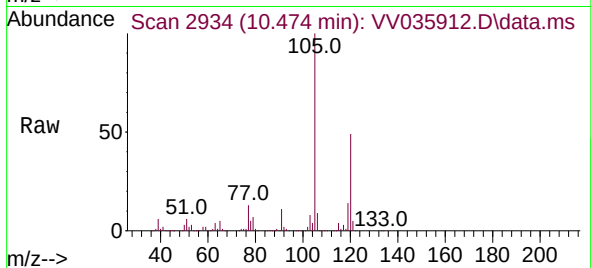
ClientSampleId :

Tgt Ion:105 Resp: 547607

Ion Ratio Lower Upper

105 100

120 49.4 38.6 58.0



#63

1,2,4-Trimethylbenzene

Concen: 24.056 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. 0.003 min

Lab File: VV035912.D

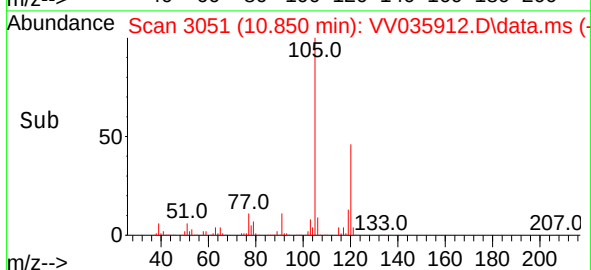
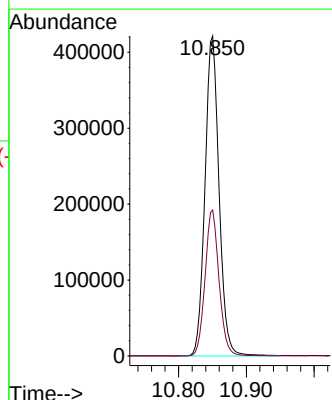
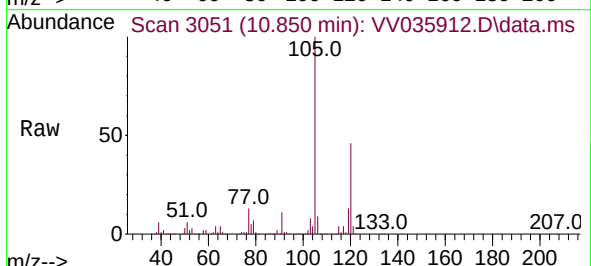
Acq: 30 May 2024 21:43

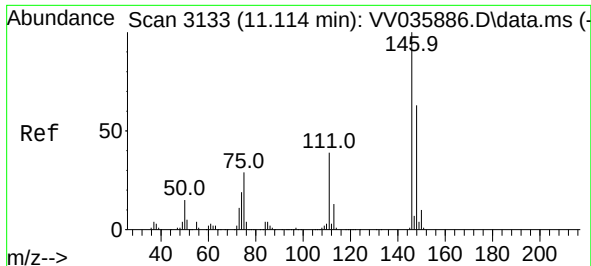
Tgt Ion:105 Resp: 606266

Ion Ratio Lower Upper

105 100

120 45.5 36.2 54.4





#64

1,3-Dichlorobenzene

Concen: 22.955 ug/L

RT: 11.114 min Scan# 3133

Delta R.T. 0.000 min

Lab File: VV035912.D

Acq: 30 May 2024 21:43

Instrument :

MSVOA_V

ClientSampleId :

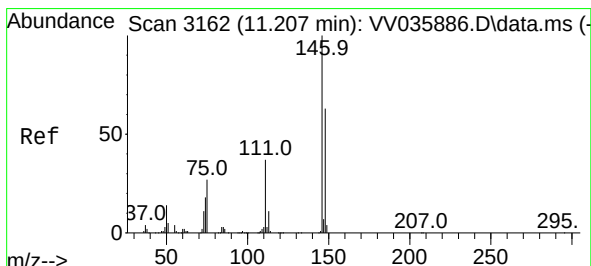
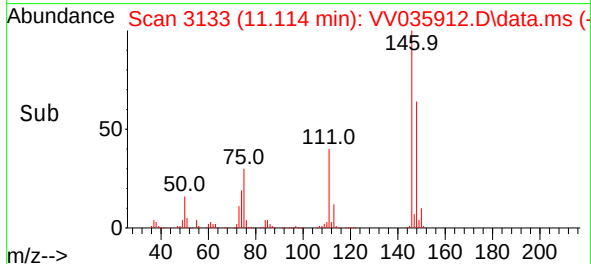
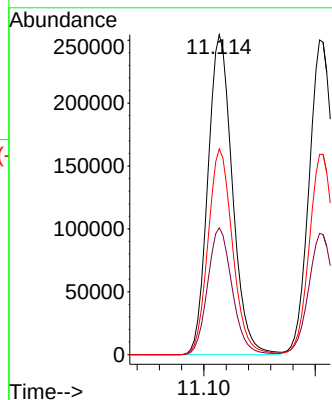
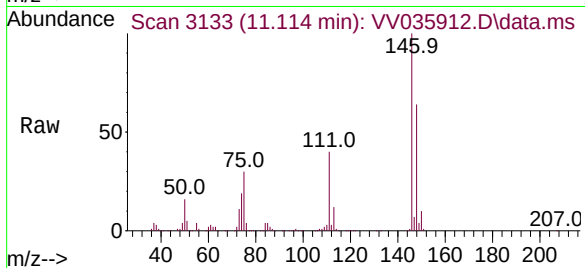
Tgt Ion:146 Resp: 388863

Ion Ratio Lower Upper

146 100

111 39.7 28.1 52.1

148 64.3 44.7 83.1



#65

1,4-Dichlorobenzene

Concen: 23.120 ug/L

RT: 11.204 min Scan# 3161

Delta R.T. -0.003 min

Lab File: VV035912.D

Acq: 30 May 2024 21:43

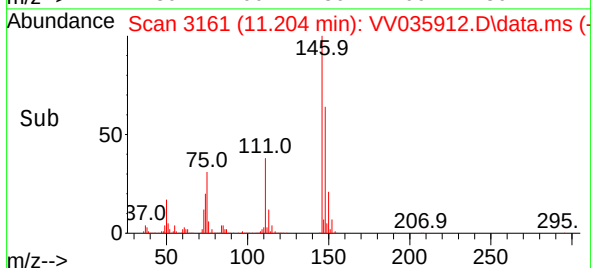
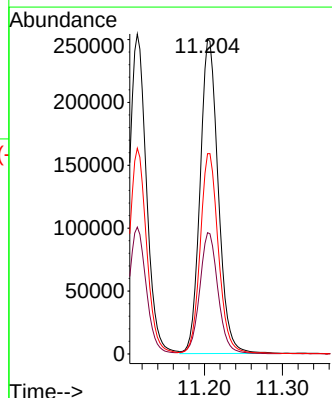
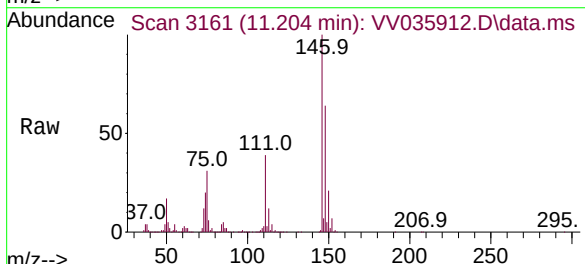
Tgt Ion:146 Resp: 404259

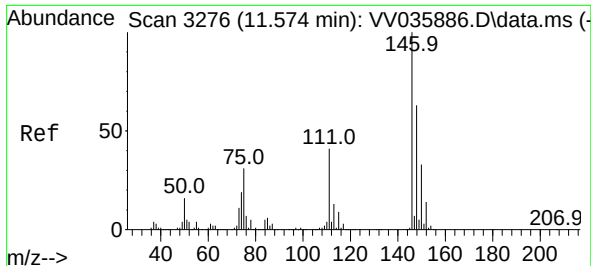
Ion Ratio Lower Upper

146 100

111 38.6 26.9 50.1

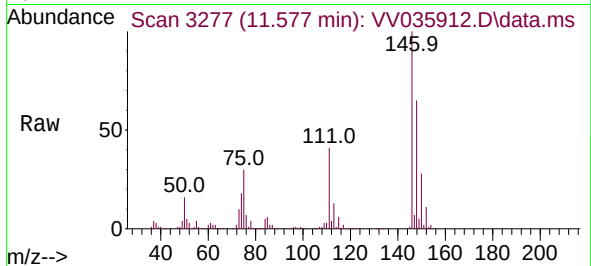
148 63.6 44.5 82.7



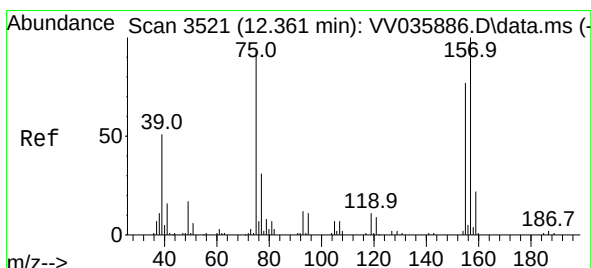
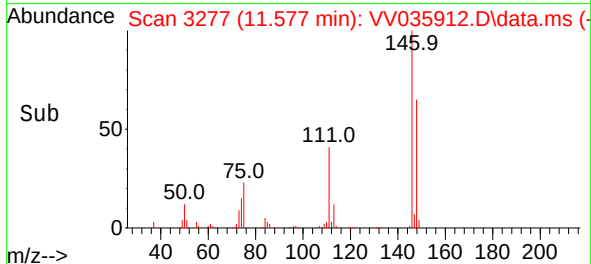
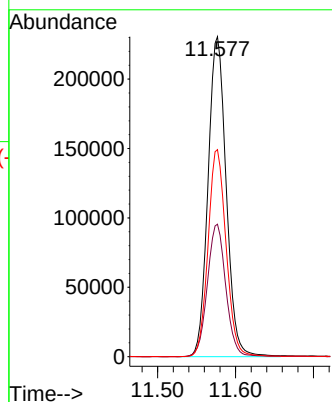


#67
1,2-Dichlorobenzene
Concen: 23.420 ug/L
RT: 11.577 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV035912.D
Acq: 30 May 2024 21:43

Instrument :
MSVOA_V
ClientSampleId :

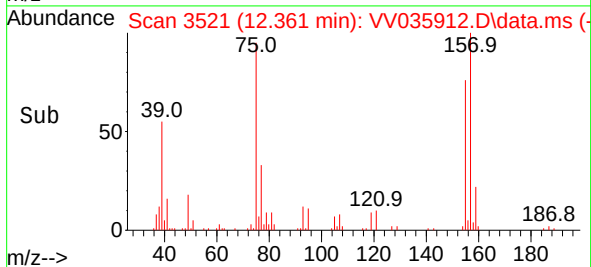
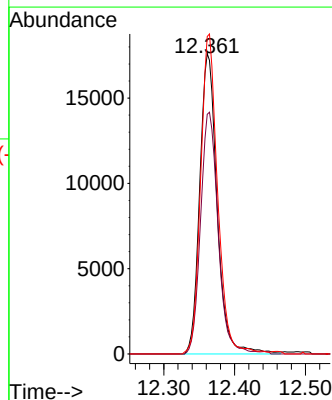
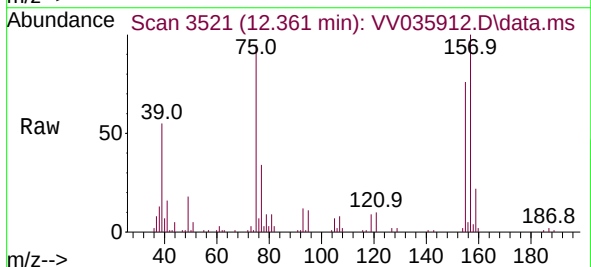


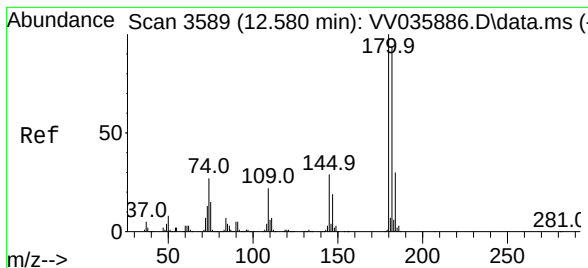
Tgt Ion:146 Resp: 373342
Ion Ratio Lower Upper
146 100
111 41.4 33.5 50.3
148 64.7 50.9 76.3



#68
1,2-Dibromo-3-chloropropane
Concen: 22.607 ug/L
RT: 12.361 min Scan# 3521
Delta R.T. -0.000 min
Lab File: VV035912.D
Acq: 30 May 2024 21:43

Tgt Ion: 75 Resp: 30062
Ion Ratio Lower Upper
75 100
155 79.8 63.3 94.9
157 105.7 82.4 123.6





#69

1,3,5-Trichlorobenzene

Concen: 21.321 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. 0.000 min

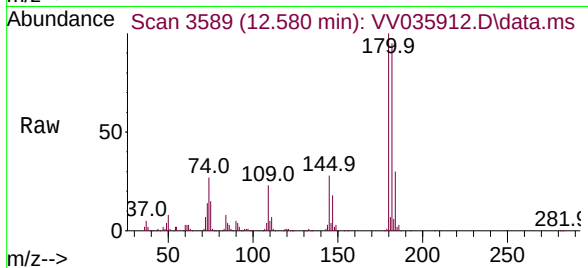
Lab File: VV035912.D

Acq: 30 May 2024 21:43

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 270175

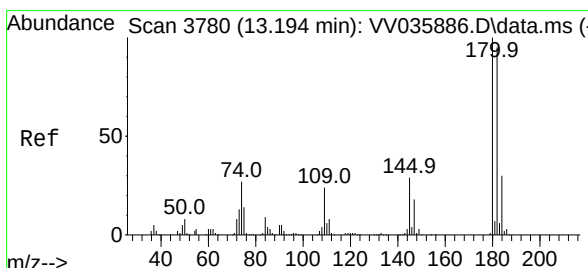
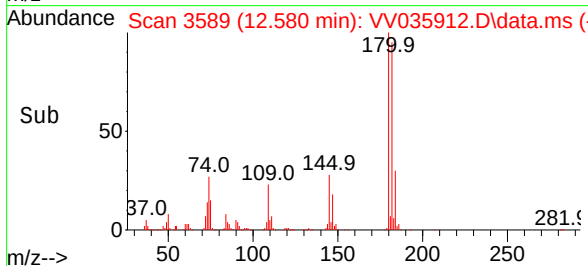
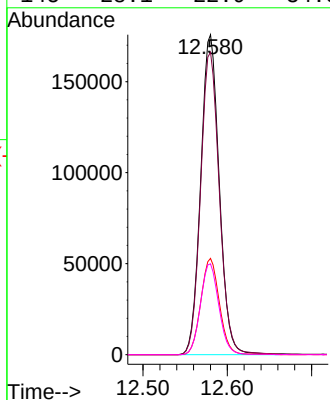
Ion Ratio Lower Upper

180 100

182 95.7 76.2 114.4

184 30.1 24.2 36.2

145 28.1 22.9 34.3



#70

1,2,4-trichlorobenzene

Concen: 20.576 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. -0.000 min

Lab File: VV035912.D

Acq: 30 May 2024 21:43

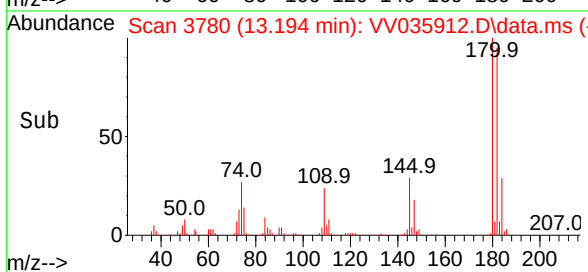
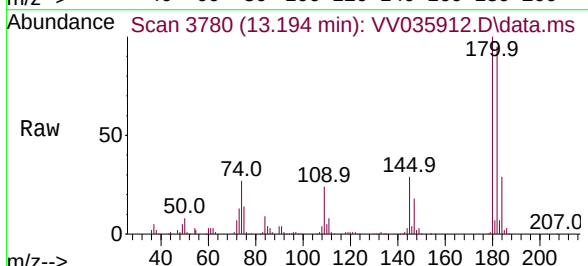
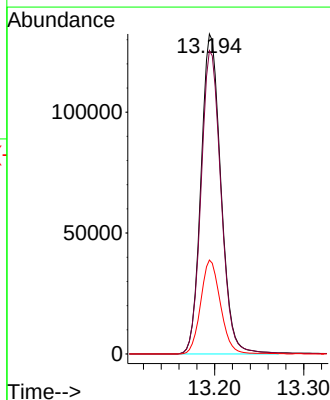
Tgt Ion:180 Resp: 205288

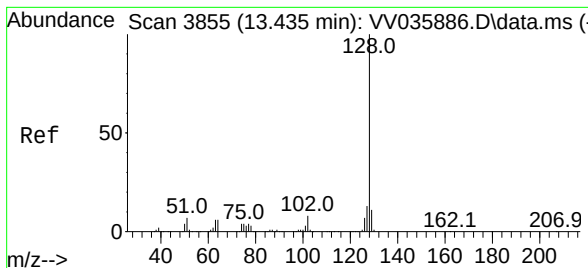
Ion Ratio Lower Upper

180 100

182 95.4 76.1 114.1

145 29.0 23.5 35.3





#71

Naphthalene

Concen: 21.060 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. 0.000 min

Lab File: VV035912.D

Acq: 30 May 2024 21:43

Instrument :

MSVOA_V

ClientSampleId :

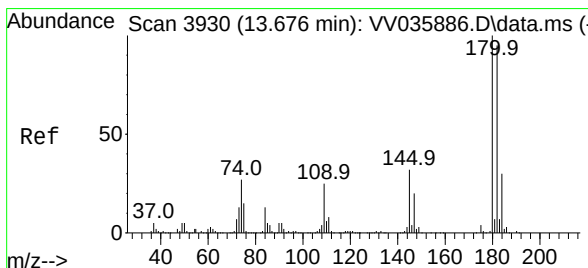
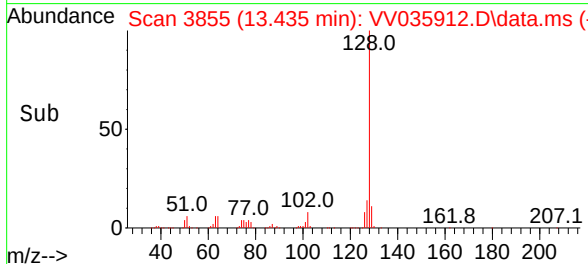
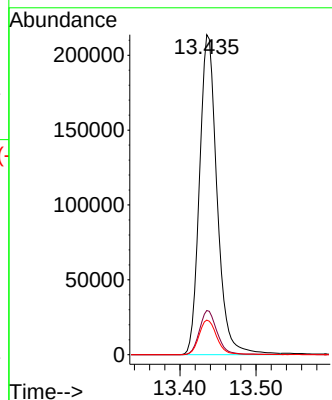
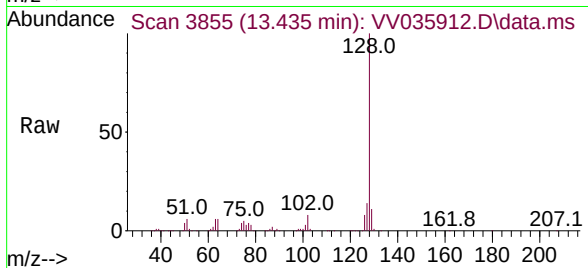
Tgt Ion:128 Resp: 342911

Ion Ratio Lower Upper

128 100

127 13.8 10.6 16.0

129 10.8 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 21.875 ug/L

RT: 13.676 min Scan# 3930

Delta R.T. 0.000 min

Lab File: VV035912.D

Acq: 30 May 2024 21:43

Tgt Ion:180 Resp: 199161

Ion Ratio Lower Upper

180 100

182 96.6 75.1 112.7

145 30.7 25.2 37.8

