

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV051024\
 Data File : VV035573.D
 Acq On : 10 May 2024 10:52
 Operator : SY/MD
 Sample : P2409-01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 10 23:50:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050124WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 10 23:44:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	453099	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	456811	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	200769	50.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	142786	40.870	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.740%
7) Chloroethane-d5	1.523	69	127773	49.629	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.260%
11) 1,1-Dichloroethene-d2	2.053	65	64706	43.146	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.300%
21) 2-Butanone-d5	3.786	46	214985	91.179	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.180%
24) Chloroform-d	4.246	84	305557	47.682	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.360%
26) 1,2-Dichloroethane-d4	4.937	65	190154	50.387	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.780%
32) Benzene-d6	4.956	84	600386	46.693	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.380%
36) 1,2-Dichloropropane-d6	5.985	67	198543	49.523	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.040%
41) Toluene-d8	7.243	98	514980	44.000	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.000%
43) trans-1,3-Dichloroprop...	7.551	79	85389	43.700	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.400%
47) 2-Hexanone-d5	8.021	63	154692	83.965	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.960%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	267675	43.816	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.640%
66) 1,2-Dichlorobenzene-d4	11.557	152	197822	49.594	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.180%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.105	85	6986	2.301	ug/L	99
3) Chloromethane	1.214	50	9562	2.908	ug/L	100
5) Vinyl chloride	1.281	62	9011	2.602	ug/L #	72
6) Bromomethane	1.474	94	4583	2.081	ug/L	93
8) Chloroethane	1.539	64	5954	2.990	ug/L	96
9) Trichlorofluoromethane	1.706	101	11783	2.529	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	9100	3.082	ug/L #	83
12) 1,1-Dichloroethene	2.063	96	8328	3.157	ug/L #	1
13) Acetone	2.114	43	12835	5.880	ug/L	96
14) Carbon disulfide	2.236	76	16894	2.438	ug/L	99
15) Methyl Acetate	2.381	43	9329	2.635	ug/L	91
16) Methylene chloride	2.445	84	10289	3.078	ug/L	95
17) trans-1,2-Dichloroethene	2.693	96	6790	2.435	ug/L	95
18) Methyl tert-butyl Ether	2.703	73	22251	2.269	ug/L	98
19) 1,1-Dichloroethane	3.111	63	14379	2.456	ug/L	95
20) cis-1,2-Dichloroethene	3.815	96	7994	2.411	ug/L	96
22) 2-Butanone	3.912	43	2482	0.961	ug/L	96
23) Bromochloromethane	4.159	128	4475	2.467	ug/L	92
25) Chloroform	4.272	83	18331	3.033	ug/L	81

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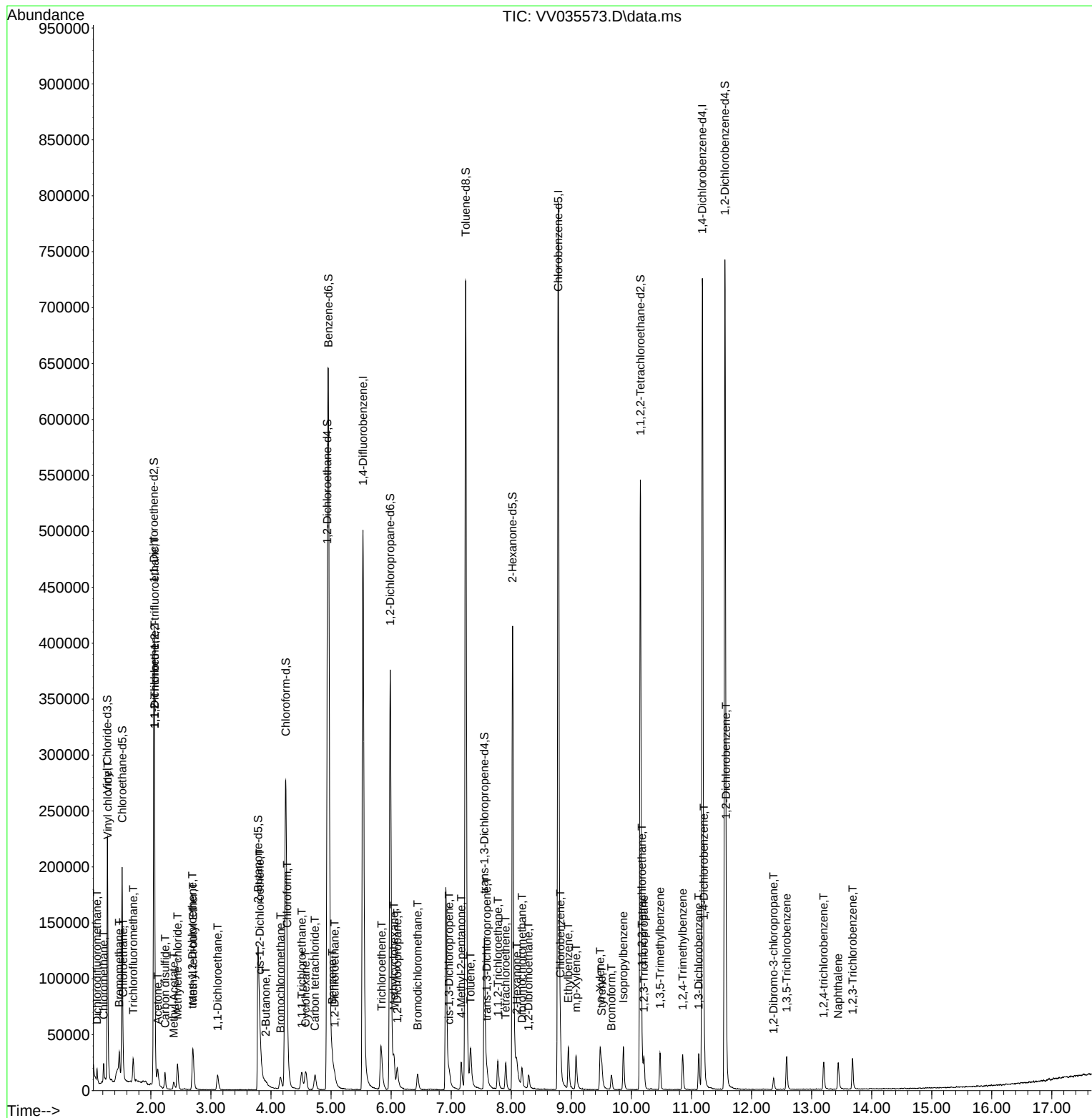
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.059	62	11929	2.758	ug/L	97
29) Cyclohexane	4.577	56	8456	2.073	ug/L #	59
30) 1,1,1-Trichloroethane	4.513	97	13275	2.539	ug/L	99
31) Carbon tetrachloride	4.731	117	11056	2.446	ug/L	98
33) Benzene	5.018	78	28998	2.351	ug/L	100
34) Trichloroethene	5.844	95	8530	2.598	ug/L	95
35) Methylcyclohexane	6.046	83	9997	2.159	ug/L	94
37) 1,2-Dichloropropane	6.101	63	8397	2.478	ug/L #	95
38) Bromodichloromethane	6.439	83	11607	2.489	ug/L	97
39) cis-1,3-Dichloropropene	6.966	75	9768	1.836	ug/L	98
40) 4-Methyl-2-pentanone	7.169	43	15971	3.530	ug/L	96
42) Toluene	7.323	91	30536	2.360	ug/L	95
44) trans-1,3-Dichloropropene	7.593	75	11332	2.242	ug/L	96
45) 1,1,2-Trichloroethane	7.776	97	8543	2.357	ug/L	97
46) Tetrachloroethene	7.905	164	6141	2.316	ug/L	93
48) 2-Hexanone	8.091	43	15149	4.115	ug/L #	95
49) Dibromochloromethane	8.178	129	8940	2.356	ug/L	97
50) 1,2-Dibromoethane	8.288	107	9262	2.446	ug/L	97
51) Chlorobenzene	8.818	112	21840	2.431	ug/L	97
52) Ethylbenzene	8.950	91	28218	2.018	ug/L	99
53) m,p-Xylene	9.082	106	9768	1.883	ug/L	98
54) o-Xylene	9.480	106	10324	1.975	ug/L	94
55) Styrene	9.506	104	15428	1.708	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.175	83	15141	2.441	ug/L #	99
59) Bromoform	9.667	173	6957	2.679	ug/L #	98
60) Isopropylbenzene	9.866	105	24429	2.107	ug/L	98
61) 1,2,3-Trichloropropane	10.207	75	11505	2.856	ug/L	98
62) 1,3,5-Trimethylbenzene	10.477	105	18096	1.950	ug/L	98
63) 1,2,4-Trimethylbenzene	10.853	105	17958	1.930	ug/L	98
64) 1,3-Dichlorobenzene	11.120	146	14657	2.441	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	16316	2.576	ug/L	94
67) 1,2-Dichlorobenzene	11.577	146	16989	2.705	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.368	75	2979	2.511	ug/L	98
69) 1,3,5-Trichlorobenzene	12.583	180	10551	2.315	ug/L	98
70) 1,2,4-trichlorobenzene	13.201	180	8858	2.207	ug/L	98
71) Naphthalene	13.442	128	22942	2.039	ug/L	98
72) 1,2,3-Trichlorobenzene	13.683	180	9730	2.335	ug/L	99

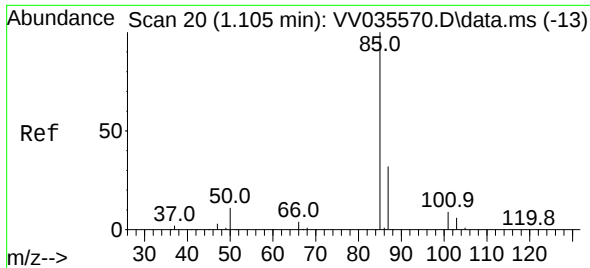
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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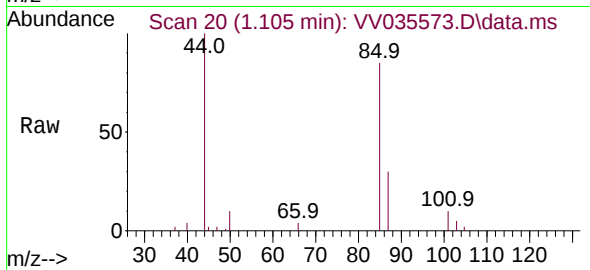
Quant Time: May 10 23:50:17 2024
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Quant Title : VOC Analysis
QLast Update : Fri May 10 23:44:12 2024
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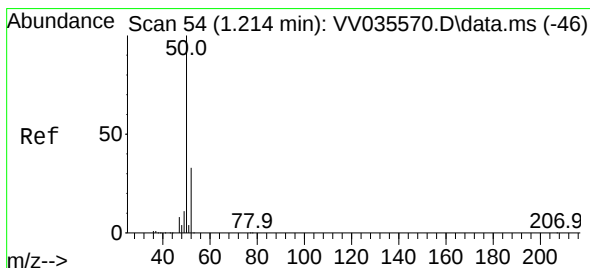
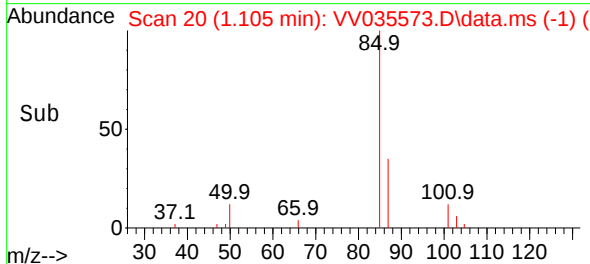
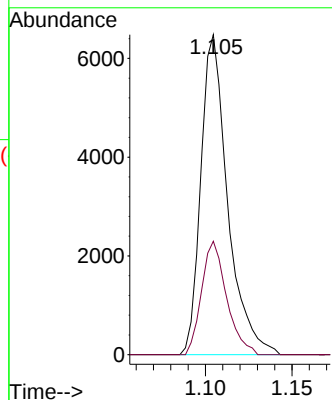


#2
 Dichlorodifluoromethane
 Concen: 2.301 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV035573.D
 Acq: 10 May 2024 10:52

Instrument :
 MSVOA_V
 ClientSampleId :

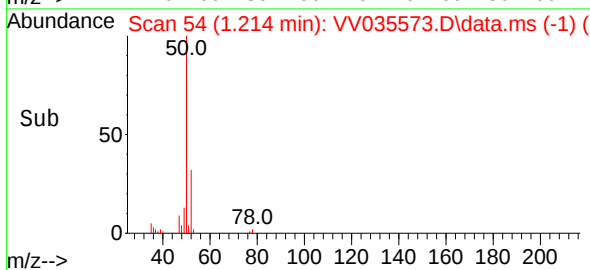
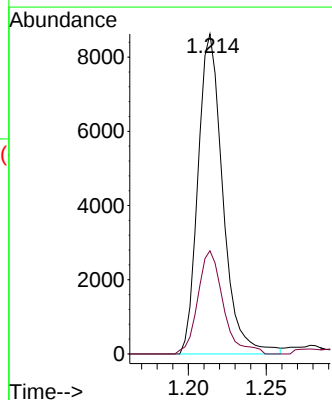
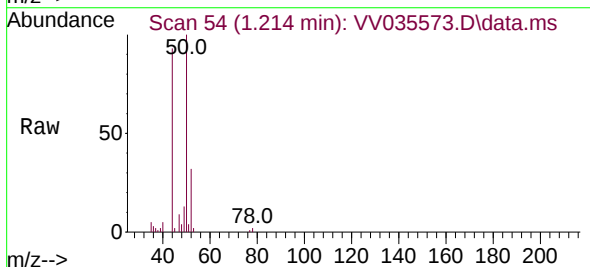


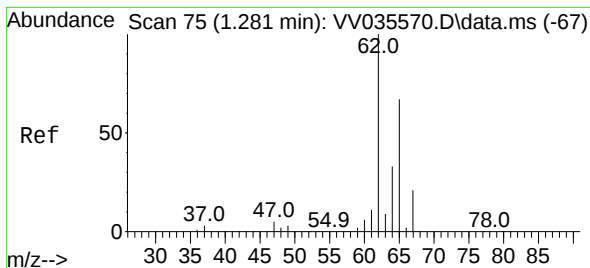
Tgt Ion: 85 Resp: 6986
 Ion Ratio Lower Upper
 85 100
 87 33.1 25.8 38.8



#3
 Chloromethane
 Concen: 2.908 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. 0.000 min
 Lab File: VV035573.D
 Acq: 10 May 2024 10:52

Tgt Ion: 50 Resp: 9562
 Ion Ratio Lower Upper
 50 100
 52 32.2 22.6 42.0





#5

Vinyl chloride

Concen: 2.602 ug/L

RT: 1.281 min Scan# 75

Delta R.T. 0.000 min

Lab File: VV035573.D

Acq: 10 May 2024 10:52

Instrument :

MSVOA_V

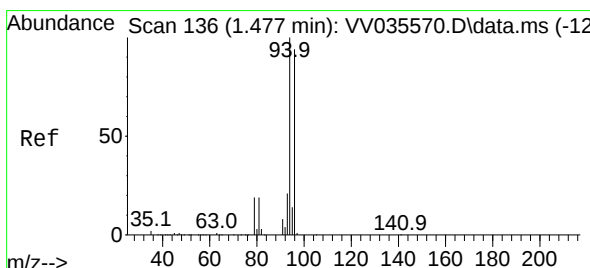
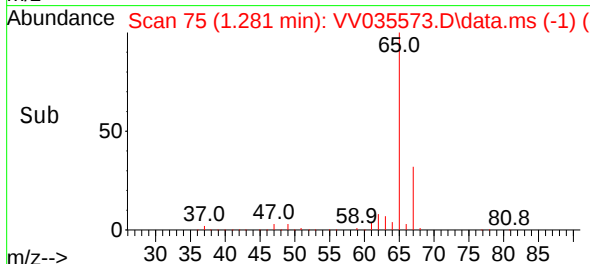
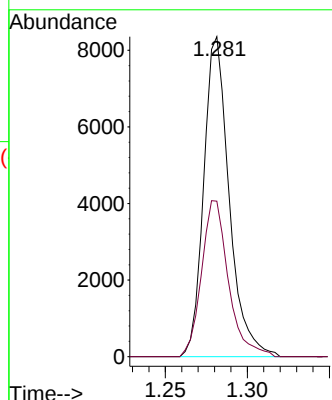
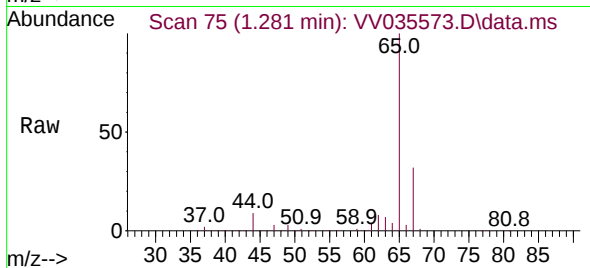
ClientSampleId :

Tgt Ion: 62 Resp: 9011

Ion Ratio Lower Upper

62 100

64 48.6 22.9 42.5#



#6

Bromomethane

Concen: 2.081 ug/L

RT: 1.474 min Scan# 135

Delta R.T. -0.003 min

Lab File: VV035573.D

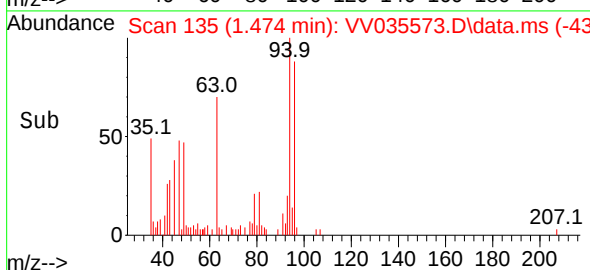
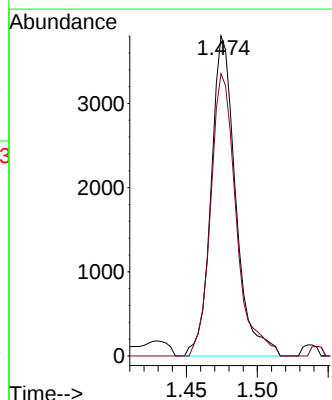
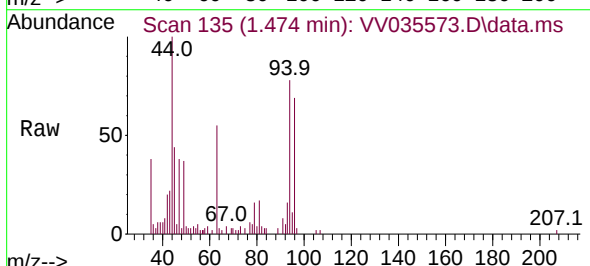
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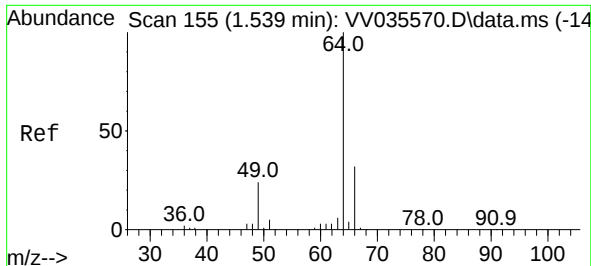
Tgt Ion: 94 Resp: 4583

Ion Ratio Lower Upper

94 100

96 88.2 66.2 123.0

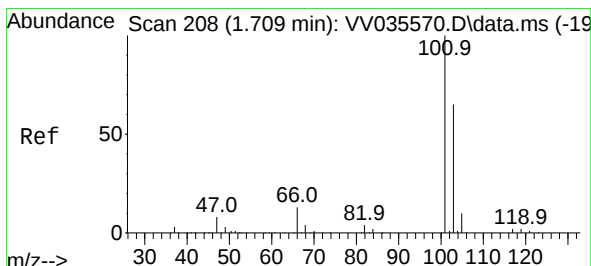
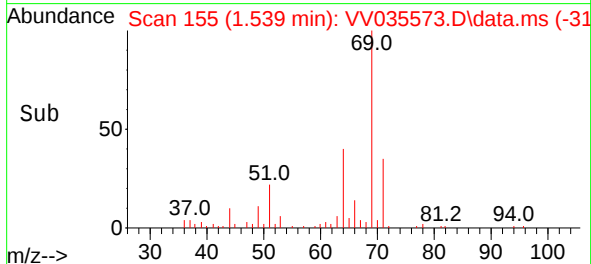
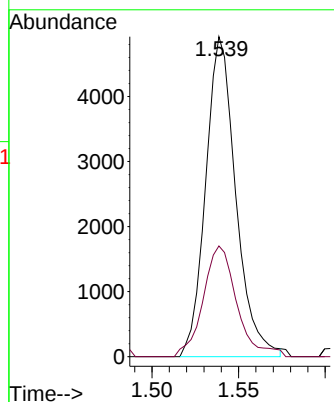
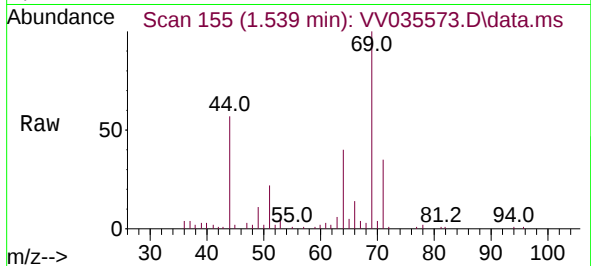




#8
Chloroethane
Concen: 2.990 ug/L
RT: 1.539 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV035573.D
Acq: 10 May 2024 10:52

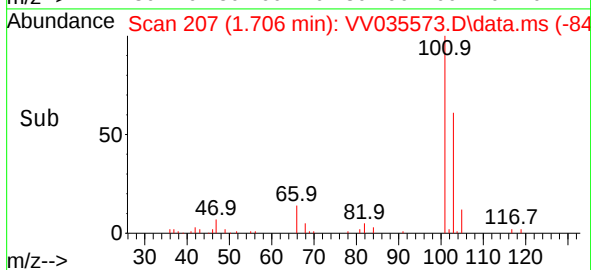
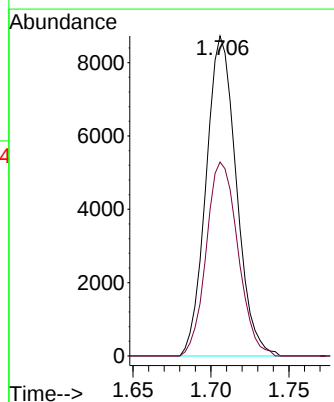
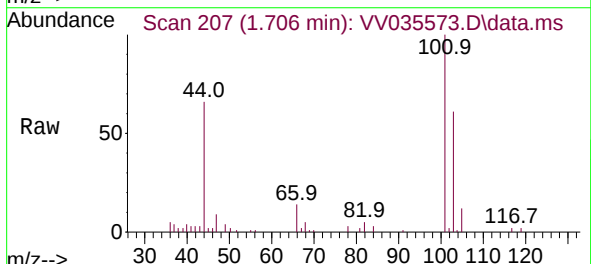
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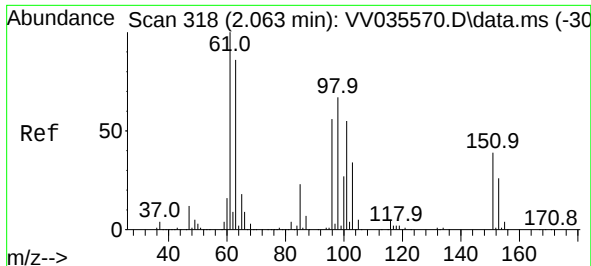
Tgt Ion: 64 Resp: 5954
Ion Ratio Lower Upper
64 100
66 34.6 22.7 42.1



#9
Trichlorofluoromethane
Concen: 2.529 ug/L
RT: 1.706 min Scan# 207
Delta R.T. -0.003 min
Lab File: VV035573.D
Acq: 10 May 2024 10:52

Tgt Ion:101 Resp: 11783
Ion Ratio Lower Upper
101 100
103 63.4 52.0 78.0

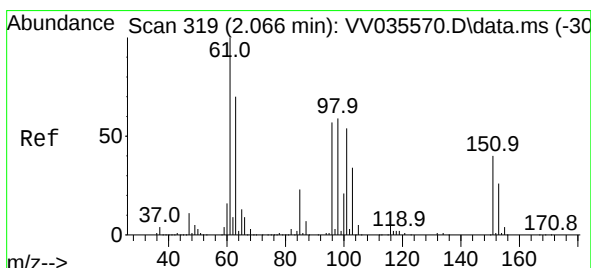
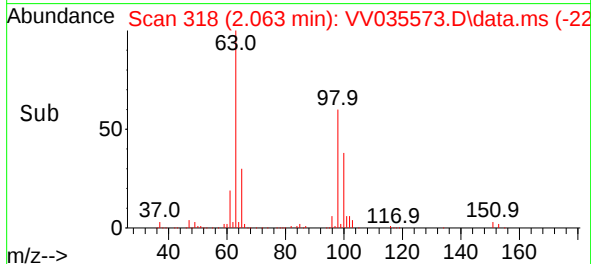
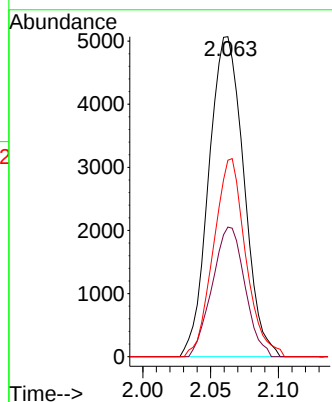
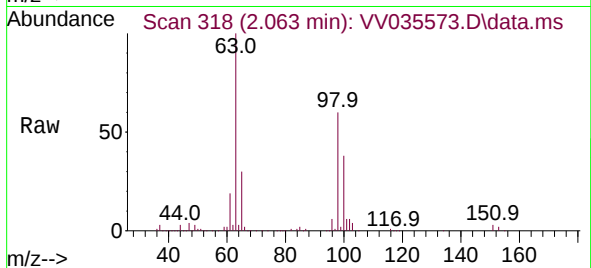




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 3.082 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. 0.000 min
 Lab File: VV035573.D
 Acq: 10 May 2024 10:52

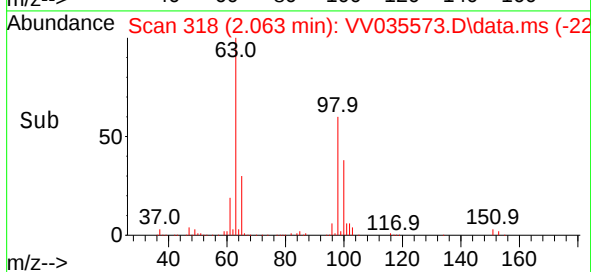
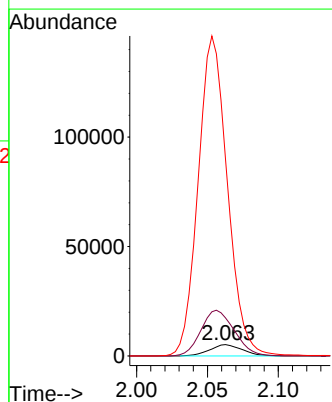
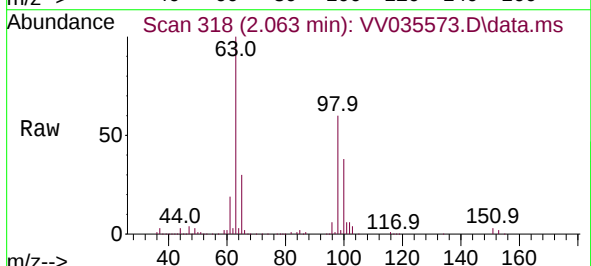
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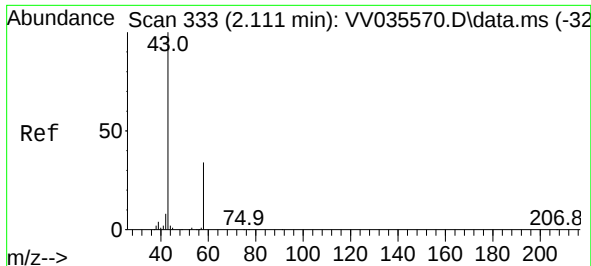
Tgt Ion:101 Resp: 9100
 Ion Ratio Lower Upper
 101 100
 85 37.8 34.4 51.6
 151 56.9 60.1 90.1#



#12
 1,1-Dichloroethene
 Concen: 3.157 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. -0.003 min
 Lab File: VV035573.D
 Acq: 10 May 2024 10:52

Tgt Ion: 96 Resp: 8328
 Ion Ratio Lower Upper
 96 100
 61 335.6 126.5 234.9#
 63 1739.6 118.1 219.3#





#13

Acetone

Concen: 5.880 ug/L

RT: 2.114 min Scan# 333

Delta R.T. 0.003 min

Lab File: VV035573.D

Acq: 10 May 2024 10:52

Instrument :

MSVOA_V

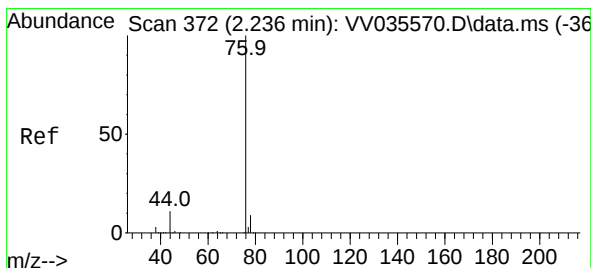
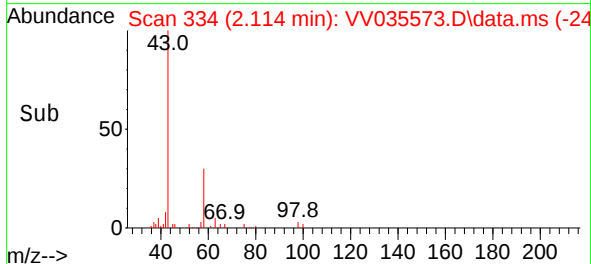
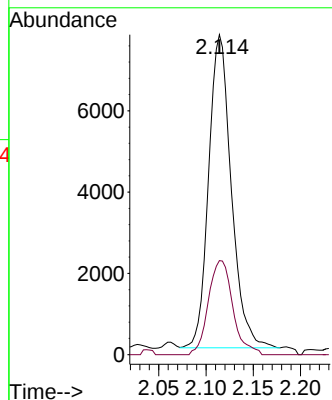
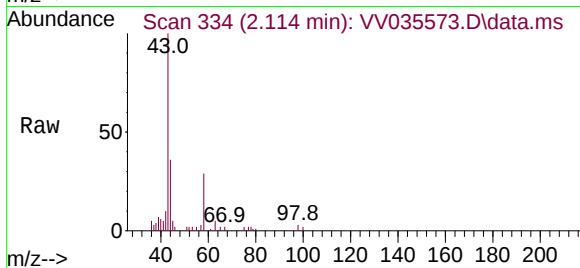
ClientSampleId :

Tgt Ion: 43 Resp: 12835

Ion Ratio Lower Upper

43 100

58 32.3 0.0 68.8



#14

Carbon disulfide

Concen: 2.438 ug/L

RT: 2.236 min Scan# 372

Delta R.T. 0.000 min

Lab File: VV035573.D

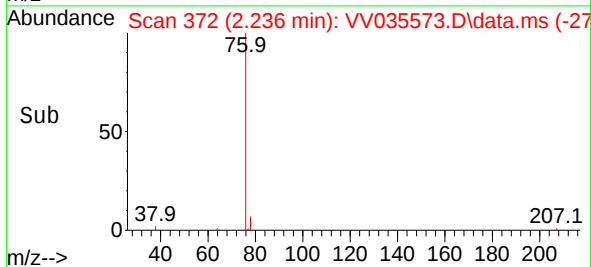
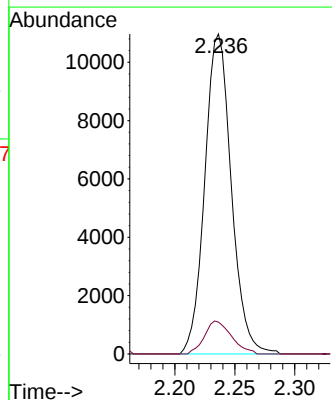
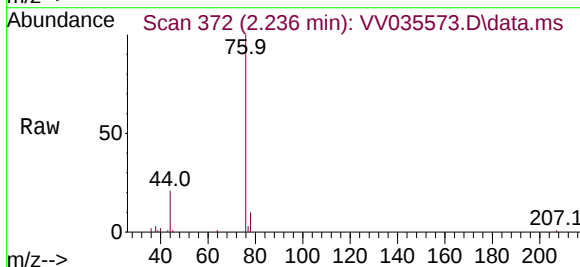
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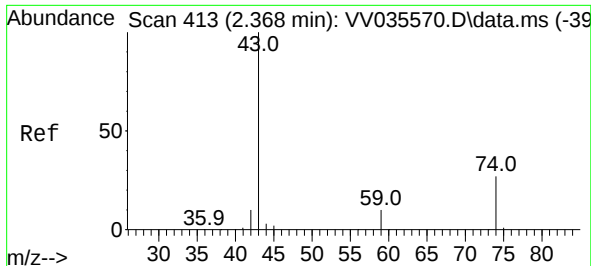
Tgt Ion: 76 Resp: 16894

Ion Ratio Lower Upper

76 100

78 10.0 7.6 11.4





#15

Methyl Acetate

Concen: 2.635 ug/L

RT: 2.381 min Scan# 41

Delta R.T. 0.013 min

Lab File: VV035573.D

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Instrument :

MSVOA_V

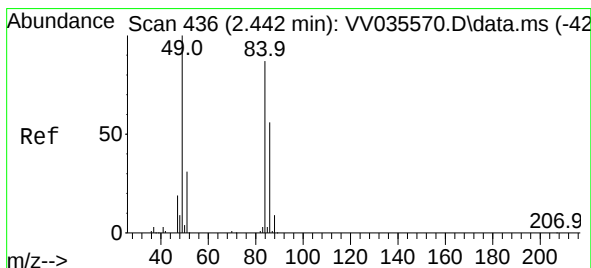
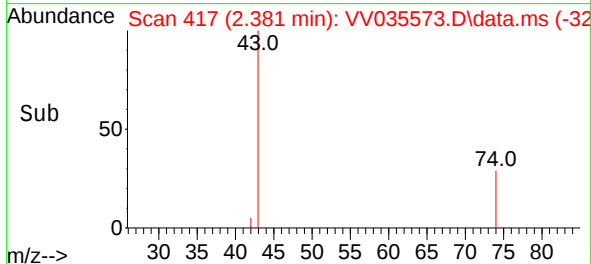
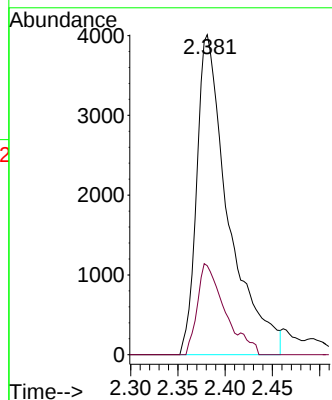
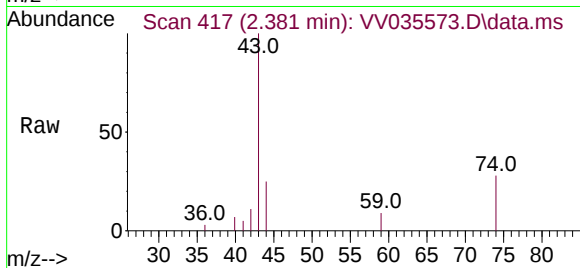
ClientSampleId :

Tgt Ion: 43 Resp: 9329

Ion Ratio Lower Upper

43 100

74 22.4 21.6 32.4



#16

Methylene chloride

Concen: 3.078 ug/L

RT: 2.445 min Scan# 437

Delta R.T. 0.003 min

Lab File: VV035573.D

Acq: 10 May 2024 10:52

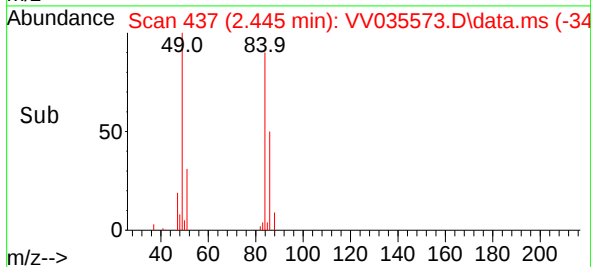
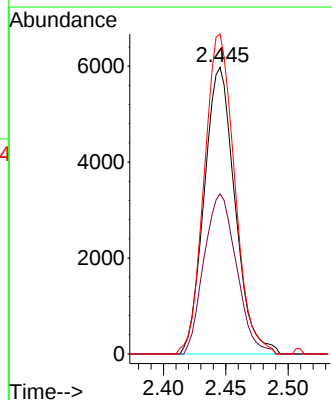
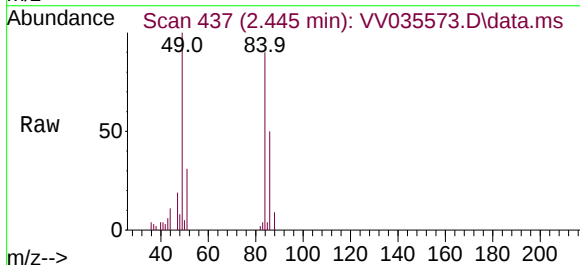
Tgt Ion: 84 Resp: 10289

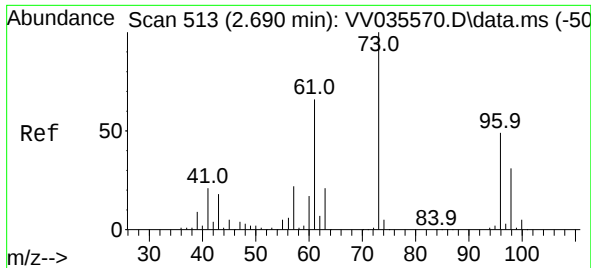
Ion Ratio Lower Upper

84 100

86 55.8 45.3 84.1

49 111.6 76.9 142.7





#17

trans-1,2-Dichloroethene

Concen: 2.435 ug/L

RT: 2.693 min Scan# 513

Delta R.T. 0.003 min

Lab File: VV035573.D

Acq: 10 May 2024 10:52

Instrument :

MSVOA_V

ClientSampleId :

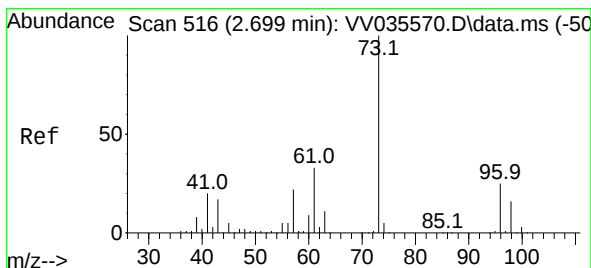
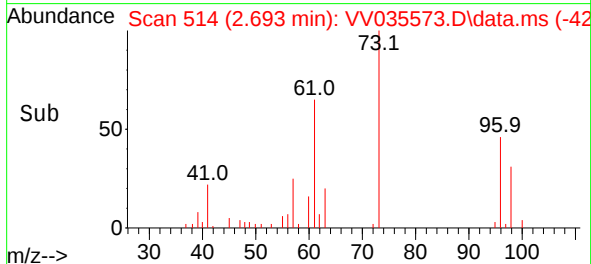
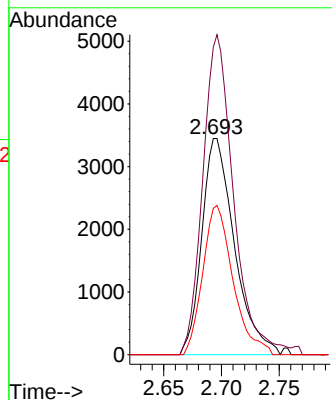
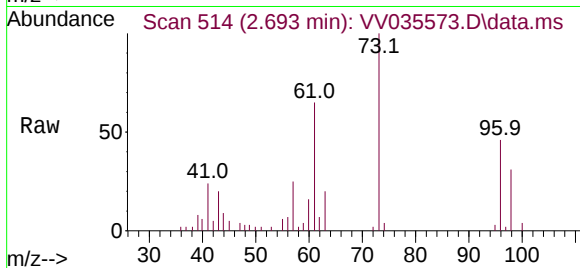
Tgt Ion: 96 Resp: 6790

Ion Ratio Lower Upper

96 100

61 142.2 95.5 177.3

98 67.6 44.9 83.5



#18

Methyl tert-butyl Ether

Concen: 2.269 ug/L

RT: 2.703 min Scan# 517

Delta R.T. 0.003 min

Lab File: VV035573.D

Acq: 10 May 2024 10:52

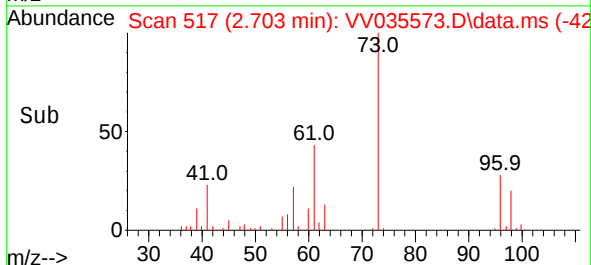
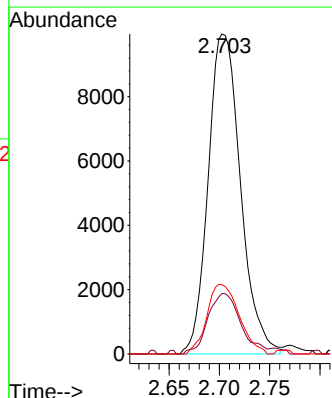
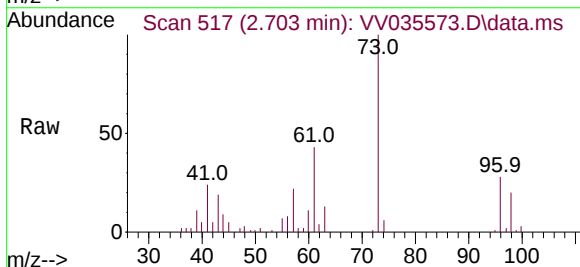
Tgt Ion: 73 Resp: 22251

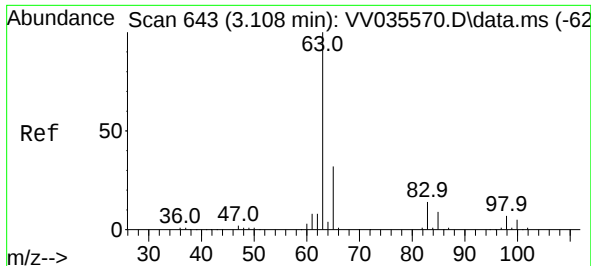
Ion Ratio Lower Upper

73 100

43 19.1 13.6 20.4

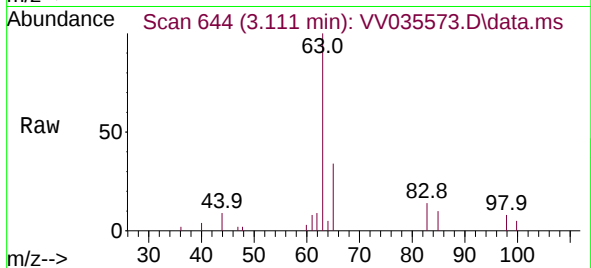
57 21.6 17.4 26.0



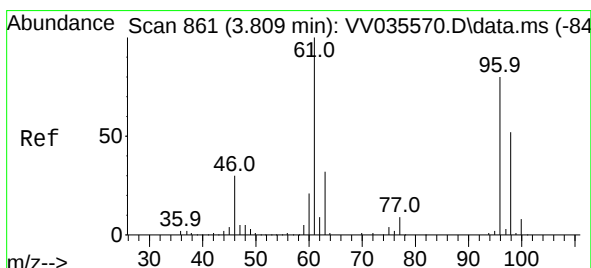
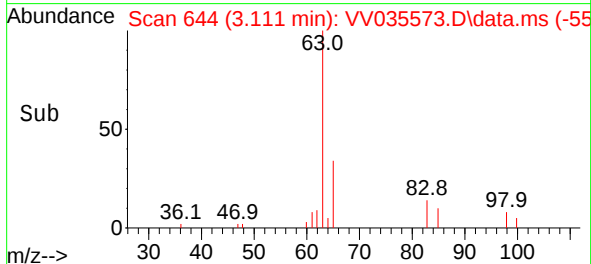
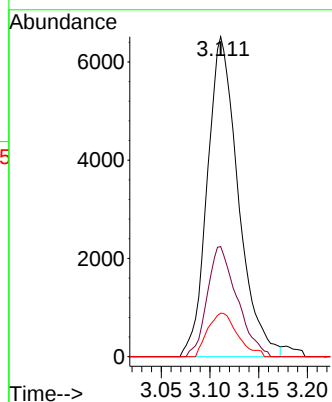


#19
1,1-Dichloroethane
Concen: 2.456 ug/L
RT: 3.111 min Scan# 643
Delta R.T. 0.003 min
Lab File: VV035573.D
Acq: 10 May 2024 10:52

Instrument :
MSVOA_V
ClientSampleId :

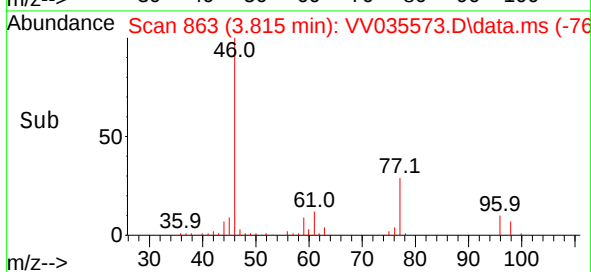
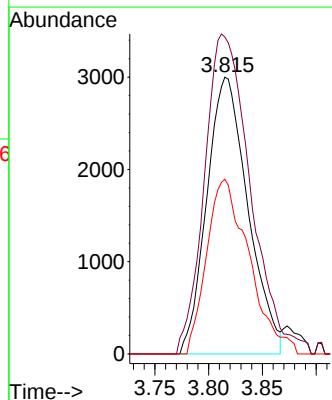
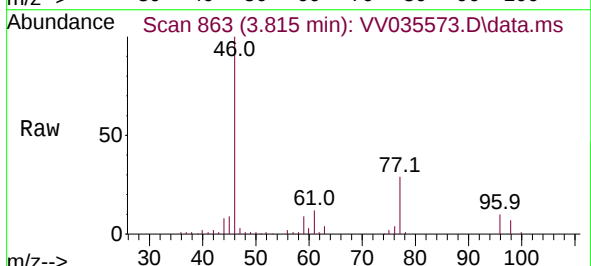


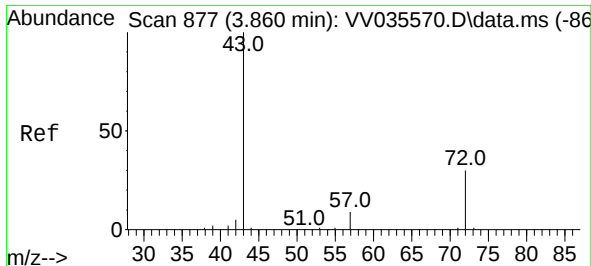
Tgt Ion: 63 Resp: 14379
Ion Ratio Lower Upper
63 100
65 34.4 21.8 40.4
83 13.6 9.2 17.2



#20
cis-1,2-Dichloroethene
Concen: 2.411 ug/L
RT: 3.815 min Scan# 863
Delta R.T. 0.006 min
Lab File: VV035573.D
Acq: 10 May 2024 10:52

Tgt Ion: 96 Resp: 7994
Ion Ratio Lower Upper
96 100
61 114.5 84.0 156.0
98 63.1 44.9 83.5





#22

2-Butanone

Concen: 0.961 ug/L

RT: 3.912 min Scan# 80

Delta R.T. 0.051 min

Lab File: VV035573.D

Acq: 10 May 2024 10:52

Instrument :

MSVOA_V

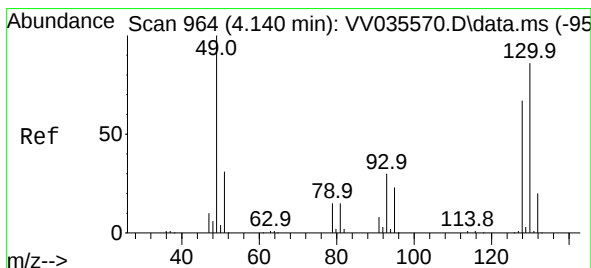
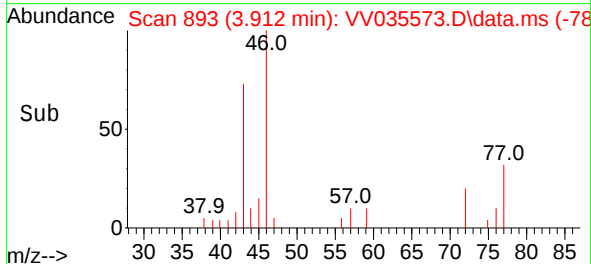
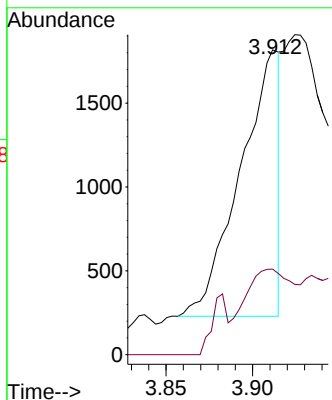
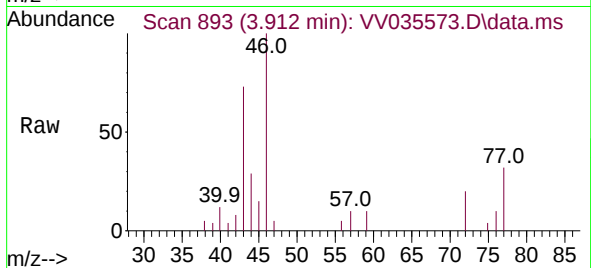
ClientSampleId :

Tgt Ion: 43 Resp: 2482

Ion Ratio Lower Upper

43 100

72 26.8 14.4 43.0



#23

Bromochloromethane

Concen: 2.467 ug/L

RT: 4.159 min Scan# 970

Delta R.T. 0.019 min

Lab File: VV035573.D

Acq: 10 May 2024 10:52

Tgt Ion: 128 Resp: 4475

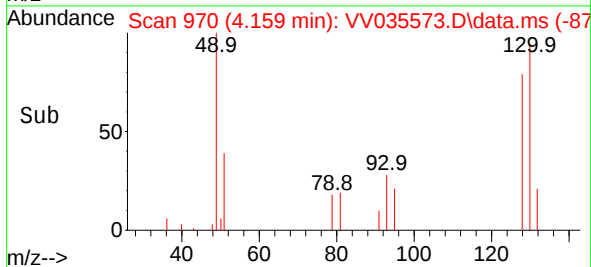
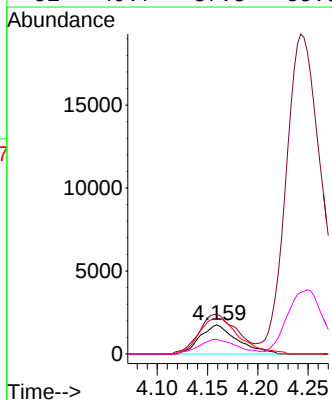
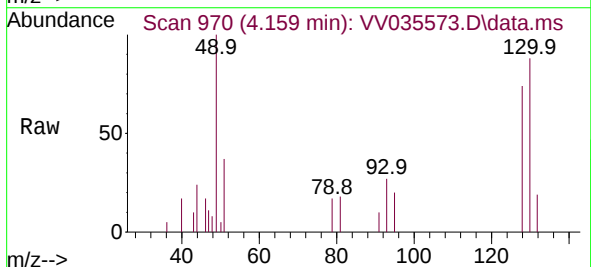
Ion Ratio Lower Upper

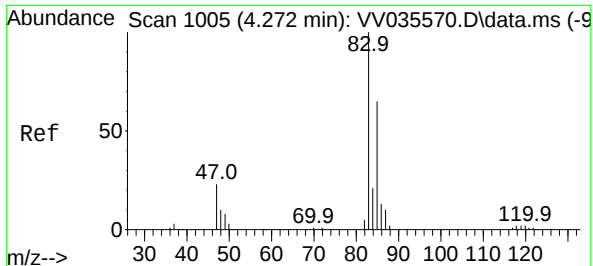
128 100

49 135.9 102.0 189.4

130 119.1 91.5 169.9

51 49.7 37.3 55.9





#25

Chloroform

Concen: 3.033 ug/L

RT: 4.272 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV035573.D

Acq: 10 May 2024 10:52

Instrument :

MSVOA_V

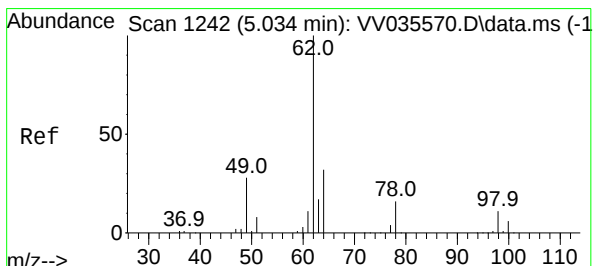
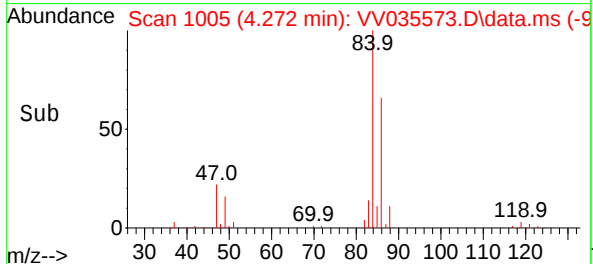
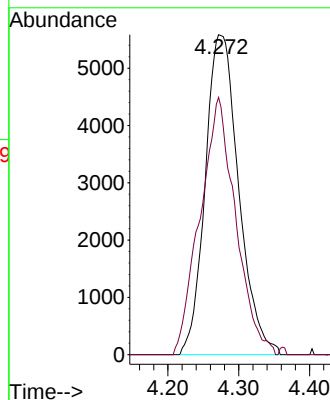
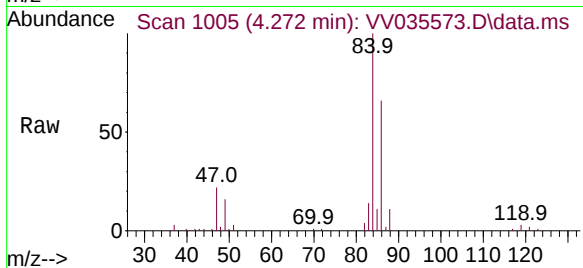
ClientSampleId :

Tgt Ion: 83 Resp: 18331

Ion Ratio Lower Upper

83 100

85 80.4 45.8 85.2



#27

1,2-Dichloroethane

Concen: 2.758 ug/L

RT: 5.059 min Scan# 1250

Delta R.T. 0.026 min

Lab File: VV035573.D

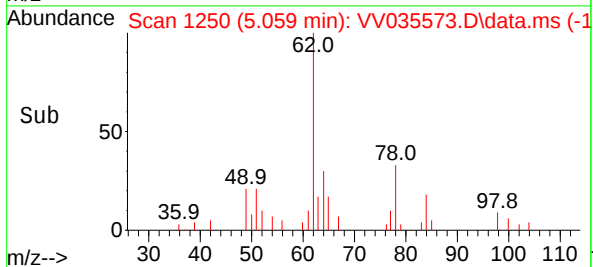
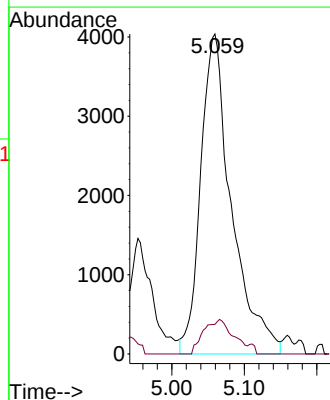
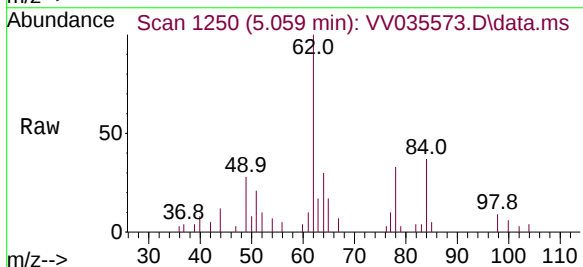
Acq: 10 May 2024 10:52

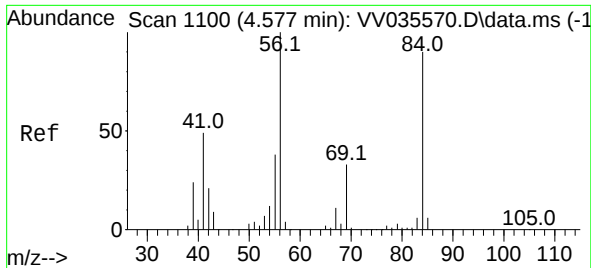
Tgt Ion: 62 Resp: 11929

Ion Ratio Lower Upper

62 100

98 9.2 8.2 12.2





#29

Cyclohexane

Concen: 2.073 ug/L

RT: 4.577 min Scan# 1100

Delta R.T. 0.000 min

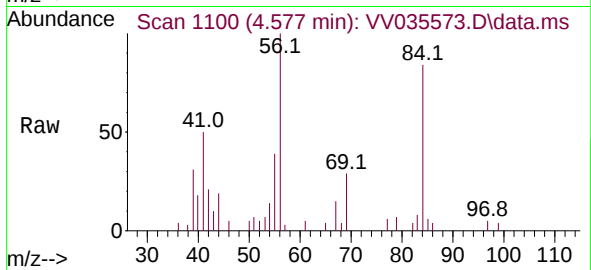
Lab File: VV035573.D

Acq: 10 May 2024 10:52

Instrument :

MSVOA_V

ClientSampleId :



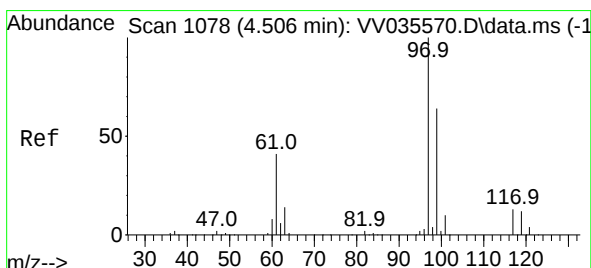
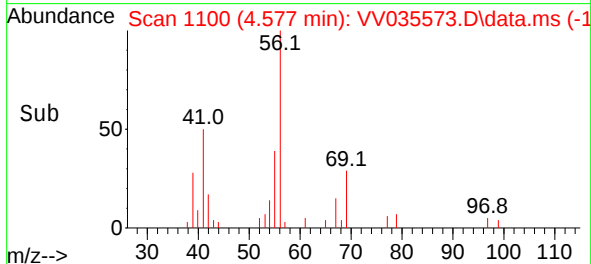
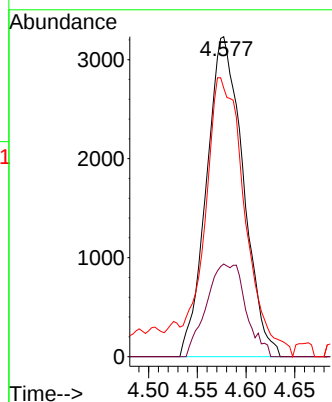
Tgt Ion: 56 Resp: 8456

Ion Ratio Lower Upper

56 100

69 19.0 25.5 38.3#

84 47.6 73.6 110.4#



#30

1,1,1-Trichloroethane

Concen: 2.539 ug/L

RT: 4.513 min Scan# 1080

Delta R.T. 0.006 min

Lab File: VV035573.D

Acq: 10 May 2024 10:52

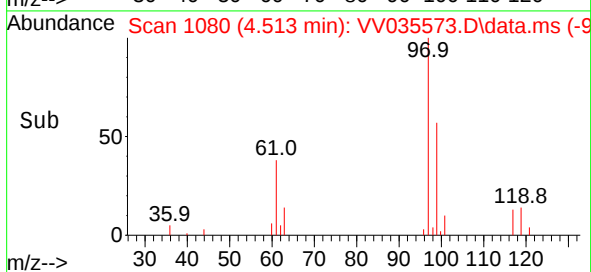
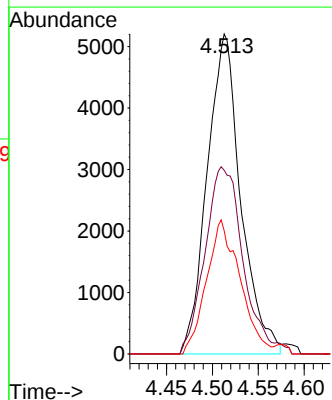
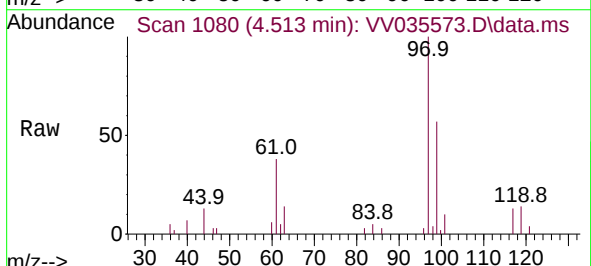
Tgt Ion: 97 Resp: 13275

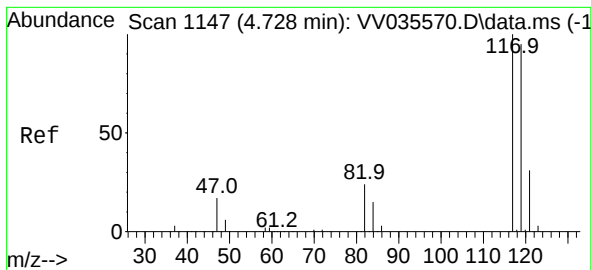
Ion Ratio Lower Upper

97 100

99 65.2 51.9 77.9

61 41.9 34.1 51.1





#31

Carbon tetrachloride

Concen: 2.446 ug/L

RT: 4.731 min Scan# 1147

Delta R.T. 0.003 min

Lab File: VV035573.D

Acq: 10 May 2024 10:52

Instrument :

MSVOA_V

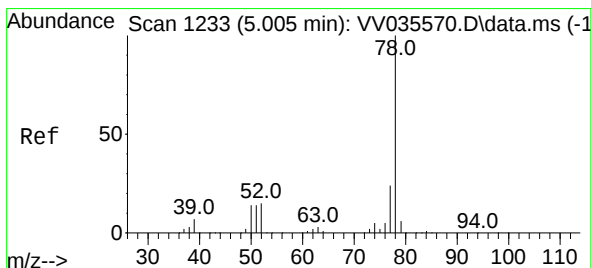
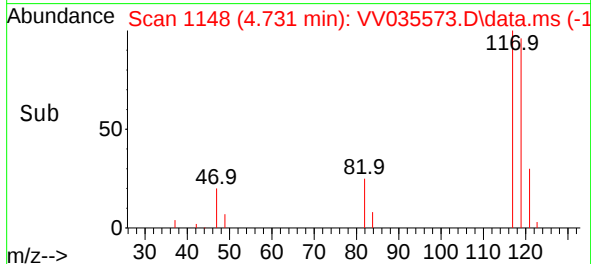
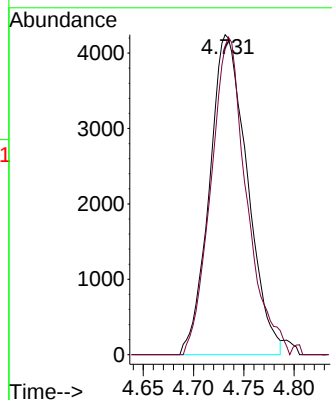
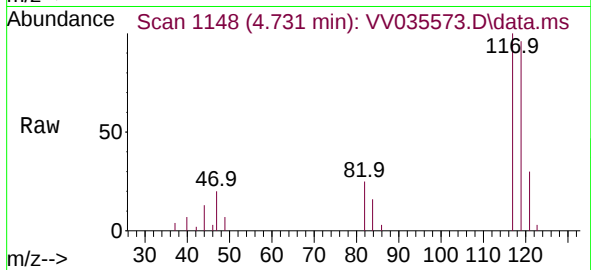
ClientSampleId :

Tgt Ion:117 Resp: 11056

Ion Ratio Lower Upper

117 100

119 93.9 76.5 114.7



#33

Benzene

Concen: 2.351 ug/L

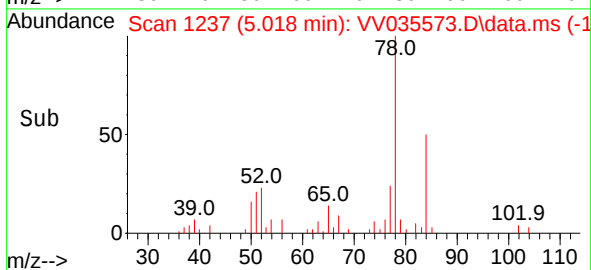
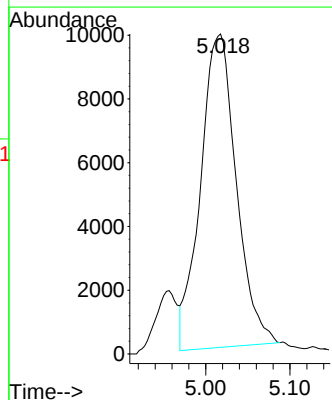
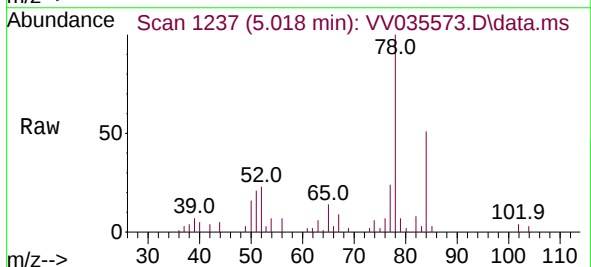
RT: 5.018 min Scan# 1237

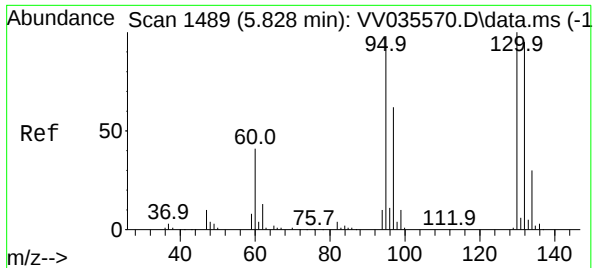
Delta R.T. 0.013 min

Lab File: VV035573.D

Acq: 10 May 2024 10:52

Tgt Ion: 78 Resp: 28998





#34

Trichloroethene

Concen: 2.598 ug/L

RT: 5.844 min Scan# 1489

Delta R.T. 0.016 min

Lab File: VV035573.D

Acq: 10 May 2024 10:52

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 8530

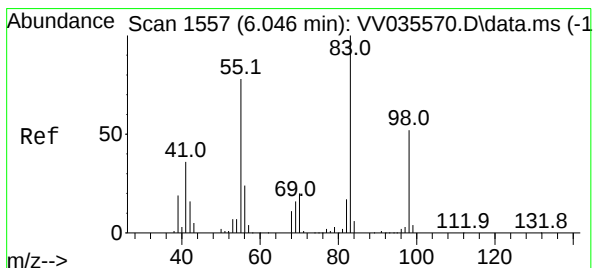
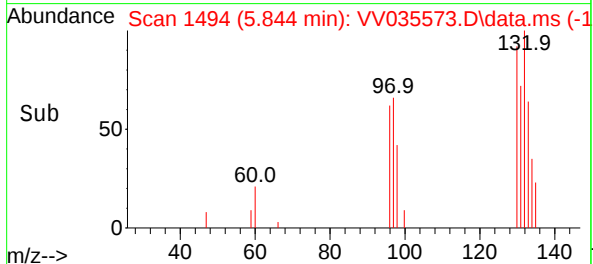
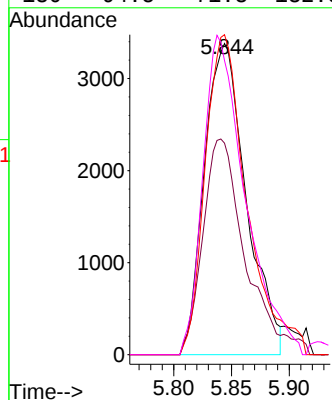
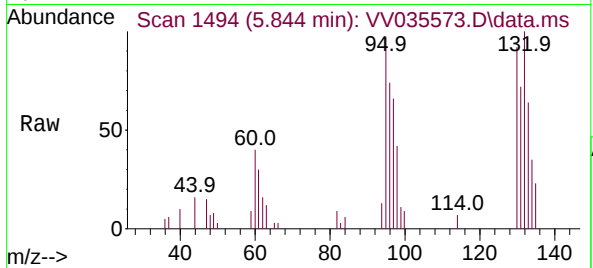
Ion Ratio Lower Upper

95 100

97 68.0 45.1 83.9

132 102.8 69.4 128.8

130 94.5 71.3 132.3



#35

Methylcyclohexane

Concen: 2.159 ug/L

RT: 6.046 min Scan# 1557

Delta R.T. 0.000 min

Lab File: VV035573.D

Acq: 10 May 2024 10:52

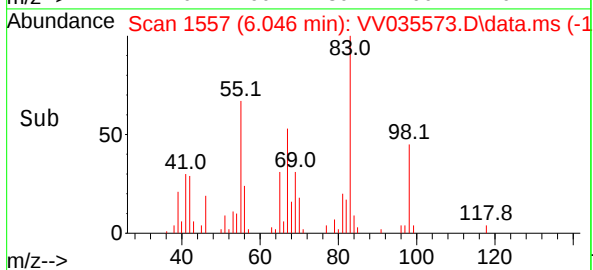
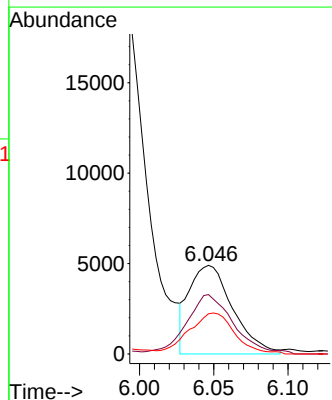
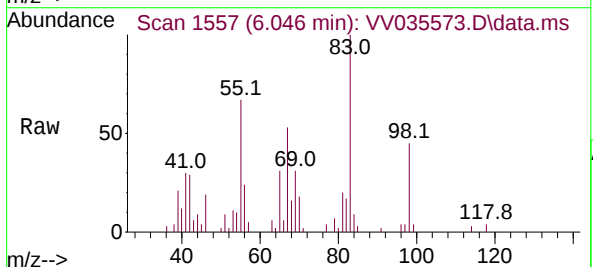
Tgt Ion: 83 Resp: 9997

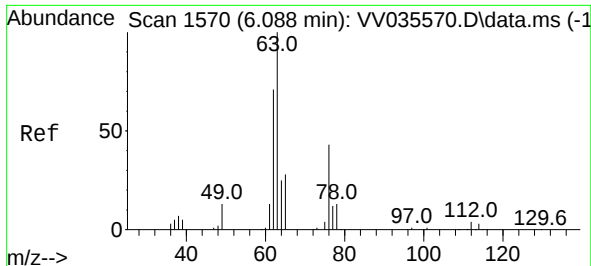
Ion Ratio Lower Upper

83 100

55 66.9 57.5 86.3

98 44.4 38.9 58.3

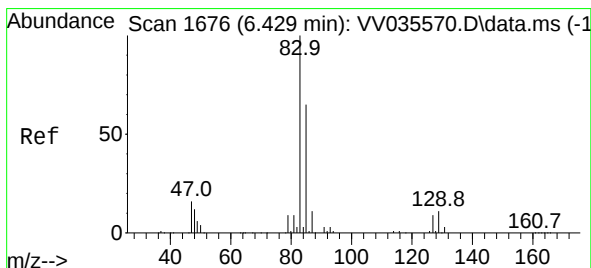
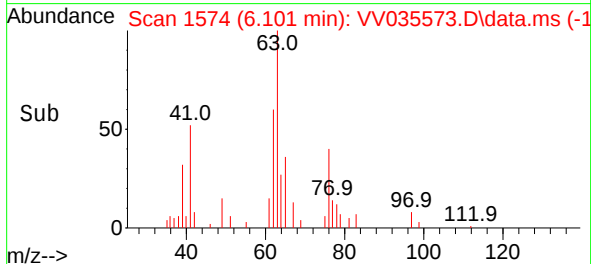
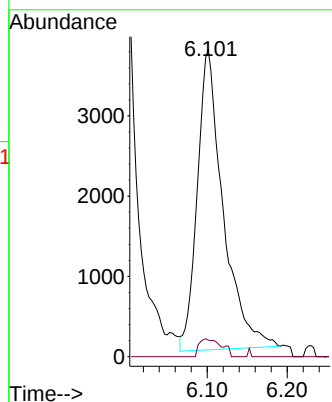
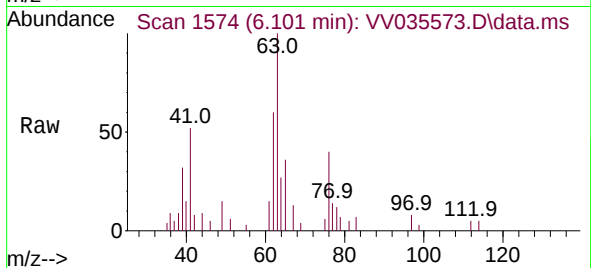




#37
1,2-Dichloropropane
Concen: 2.478 ug/L
RT: 6.101 min Scan# 1570
Delta R.T. 0.013 min
Lab File: VV035573.D
Acq: 10 May 2024 10:52

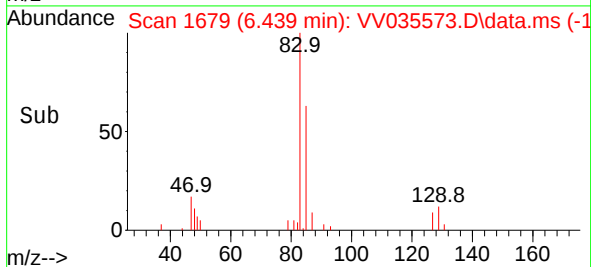
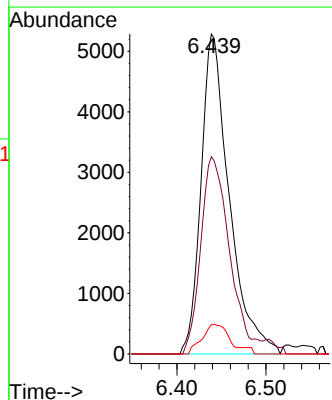
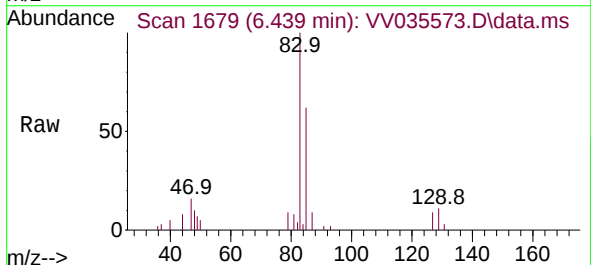
Instrument :
MSVOA_V
ClientSampleId :

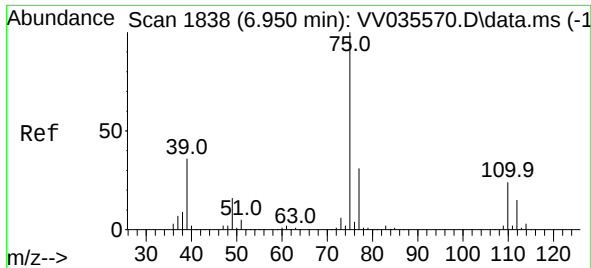
Tgt Ion: 63 Resp: 8397
Ion Ratio Lower Upper
63 100
112 2.7 3.4 5.2#



#38
Bromodichloromethane
Concen: 2.489 ug/L
RT: 6.439 min Scan# 1679
Delta R.T. 0.010 min
Lab File: VV035573.D
Acq: 10 May 2024 10:52

Tgt Ion: 83 Resp: 11607
Ion Ratio Lower Upper
83 100
85 61.7 45.1 83.9
127 9.1 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 1.836 ug/L

RT: 6.966 min Scan# 1843

Delta R.T. 0.016 min

Lab File: VV035573.D

Acq: 10 May 2024 10:52

Instrument :

MSVOA_V

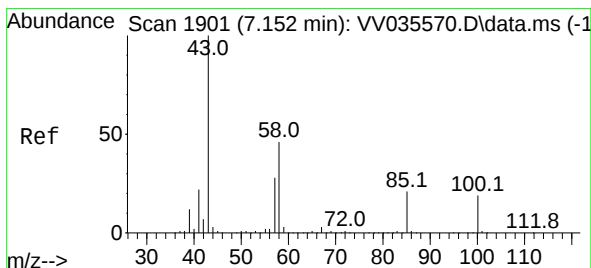
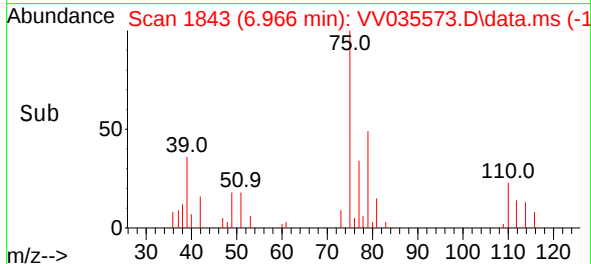
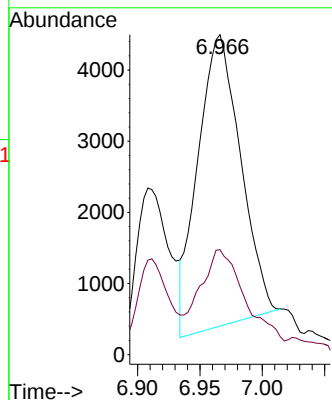
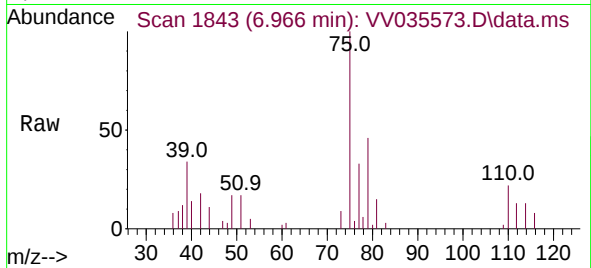
ClientSampleId :

Tgt Ion: 75 Resp: 9768

Ion Ratio Lower Upper

75 100

77 32.8 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 3.530 ug/L

RT: 7.169 min Scan# 1906

Delta R.T. 0.016 min

Lab File: VV035573.D

Acq: 10 May 2024 10:52

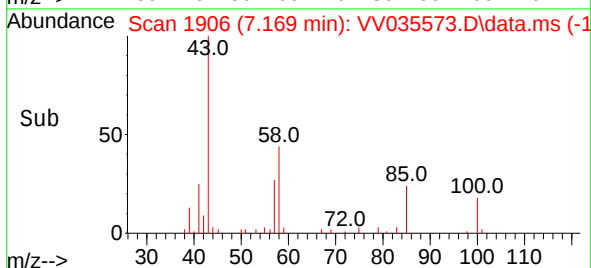
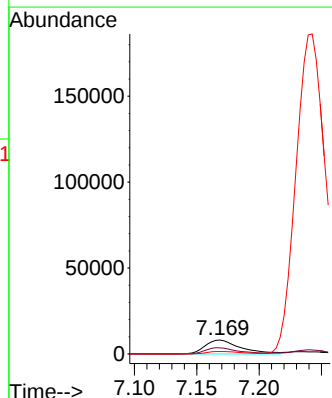
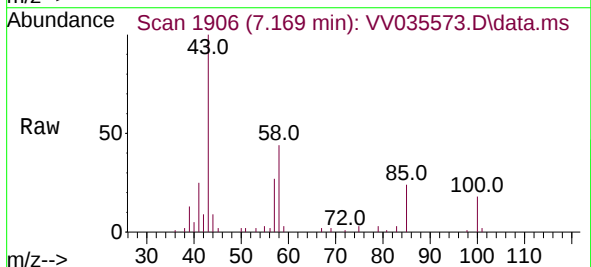
Tgt Ion: 43 Resp: 15971

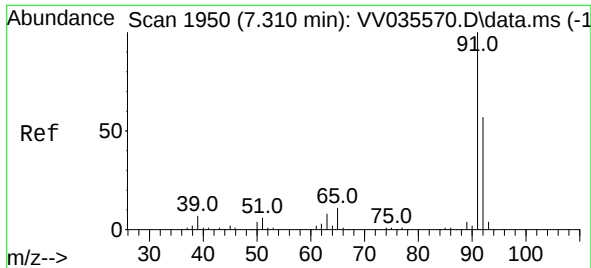
Ion Ratio Lower Upper

43 100

58 42.5 36.1 54.1

100 17.5 15.0 22.4





#42

Toluene

Concen: 2.360 ug/L

RT: 7.323 min Scan# 1954

Delta R.T. 0.013 min

Lab File: VV035573.D

Acq: 10 May 2024 10:52

Instrument :

MSVOA_V

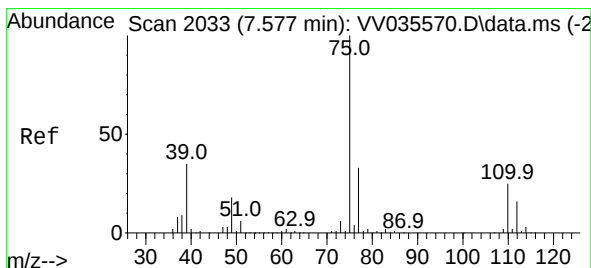
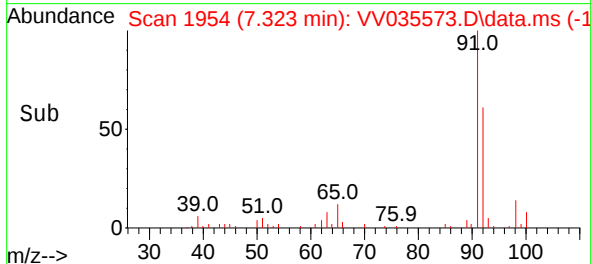
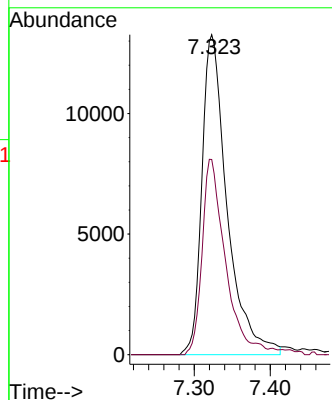
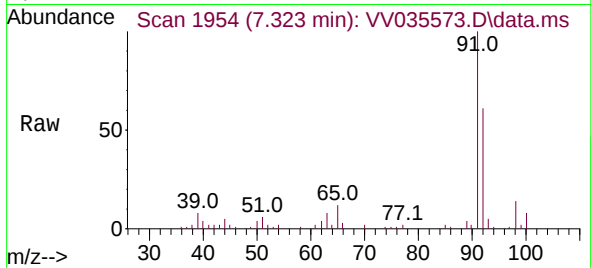
ClientSampleId :

Tgt Ion: 91 Resp: 30536

Ion Ratio Lower Upper

91 100

92 61.0 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 2.242 ug/L

RT: 7.593 min Scan# 2038

Delta R.T. 0.016 min

Lab File: VV035573.D

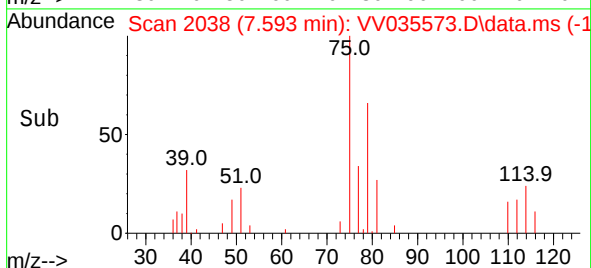
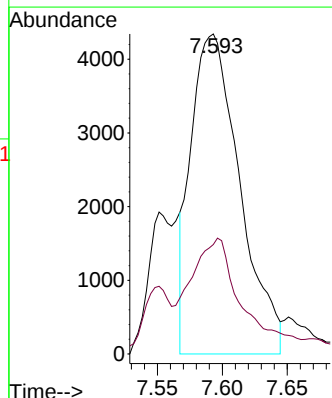
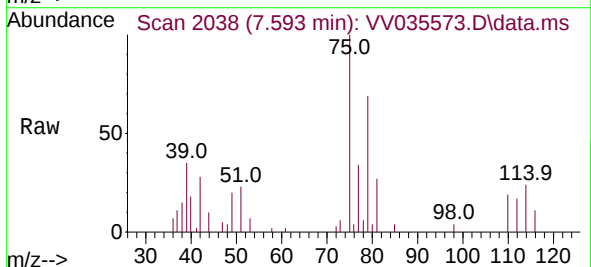
Acq: 10 May 2024 10:52

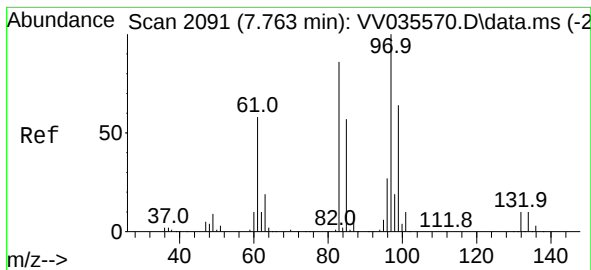
Tgt Ion: 75 Resp: 11332

Ion Ratio Lower Upper

75 100

77 34.2 22.4 41.6





#45

1,1,2-Trichloroethane

Concen: 2.357 ug/L

RT: 7.776 min Scan# 2091

Delta R.T. 0.013 min

Lab File: VV035573.D

Acq: 10 May 2024 10:52

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 8543

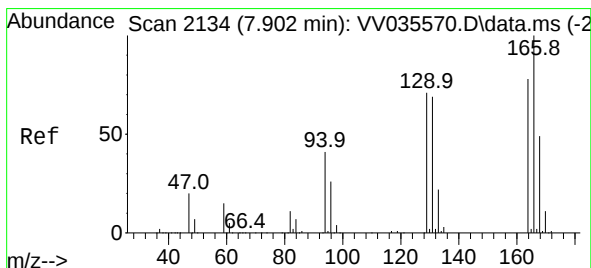
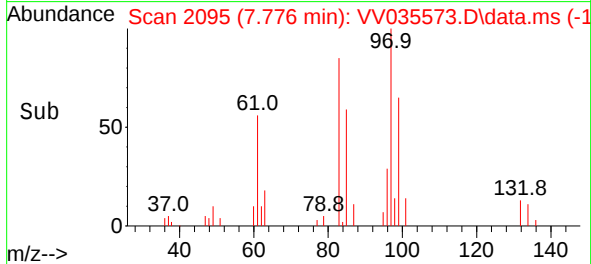
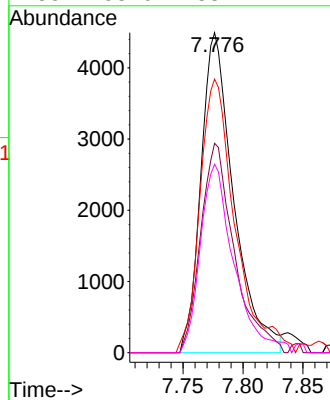
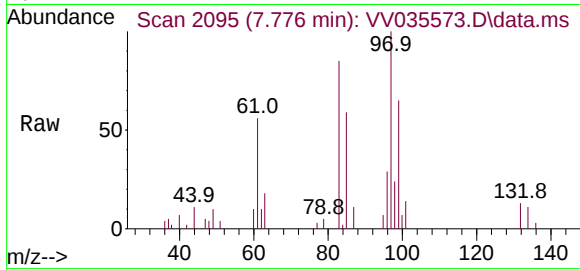
Ion Ratio Lower Upper

97 100

99 65.5 44.2 82.2

83 85.5 59.3 110.1

85 58.9 38.4 71.2



#46

Tetrachloroethene

Concen: 2.316 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. 0.003 min

Lab File: VV035573.D

Acq: 10 May 2024 10:52

Tgt Ion: 164 Resp: 6141

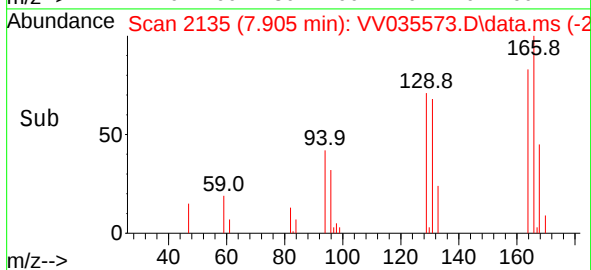
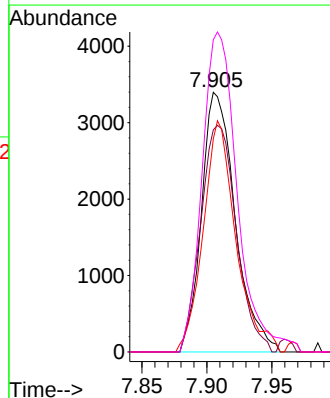
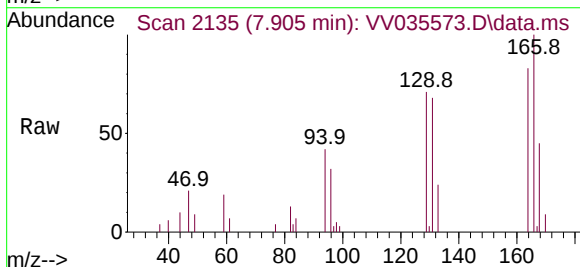
Ion Ratio Lower Upper

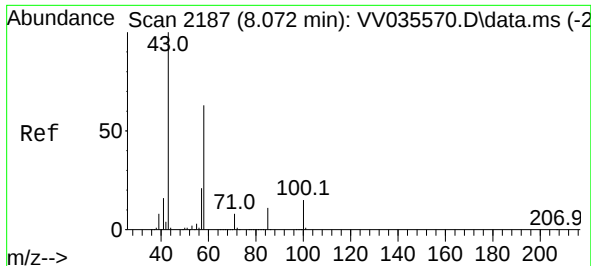
164 100

129 85.5 64.7 120.1

131 82.0 61.5 114.1

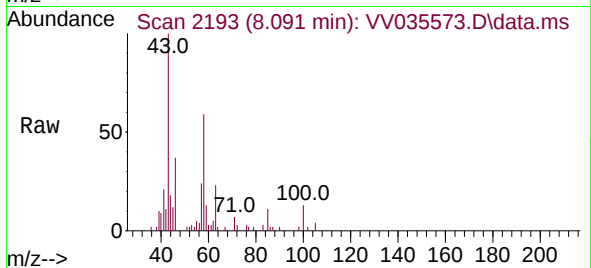
166 120.2 90.6 168.3



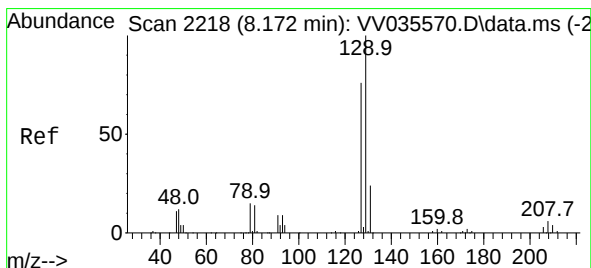
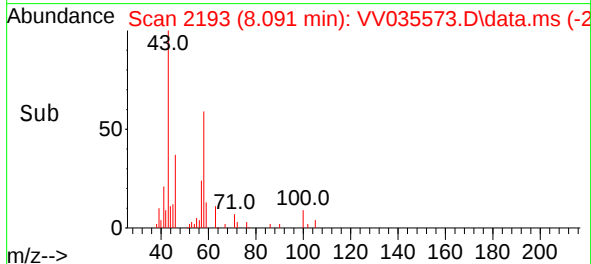
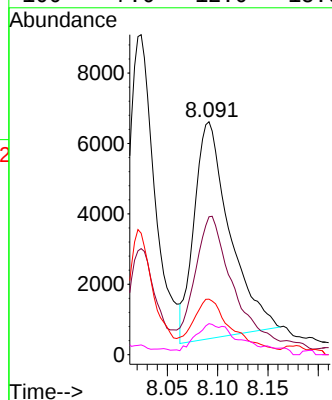


#48
2-Hexanone
Concen: 4.115 ug/L
RT: 8.091 min Scan# 2187
Delta R.T. 0.019 min
Lab File: VV035573.D
Acq: 10 May 2024 10:52

Instrument :
MSVOA_V
ClientSampleId :

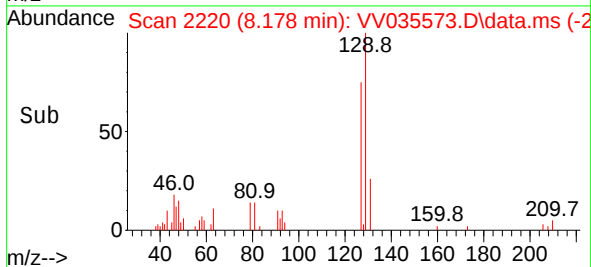
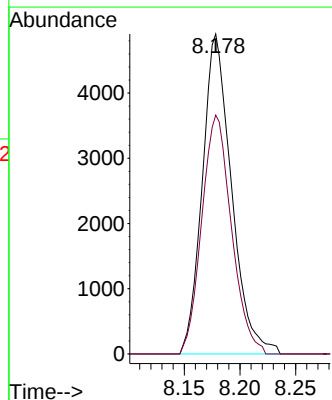
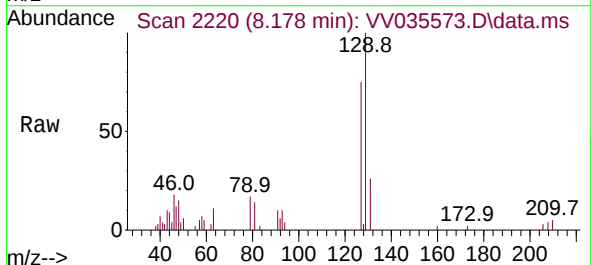


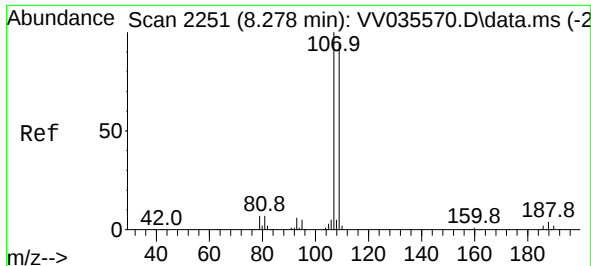
Tgt Ion: 43 Resp: 15149
Ion Ratio Lower Upper
43 100
58 62.2 50.8 76.2
57 24.6 17.6 26.4
100 7.6 12.0 18.0#



#49
Dibromochloromethane
Concen: 2.356 ug/L
RT: 8.178 min Scan# 2220
Delta R.T. 0.006 min
Lab File: VV035573.D
Acq: 10 May 2024 10:52

Tgt Ion: 129 Resp: 8940
Ion Ratio Lower Upper
129 100
127 74.6 54.3 100.8





#50

1,2-Dibromoethane

Concen: 2.446 ug/L

RT: 8.288 min Scan# 2419

Delta R.T. 0.010 min

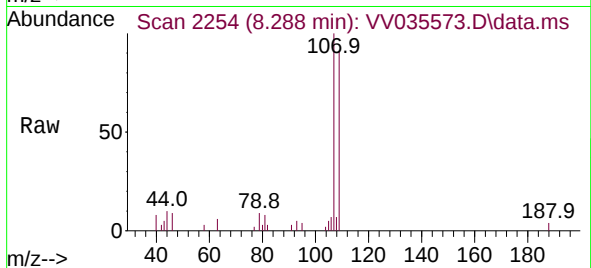
Lab File: VV035573.D

Acq: 10 May 2024 10:52

Instrument :

MSVOA_V

ClientSampleId :



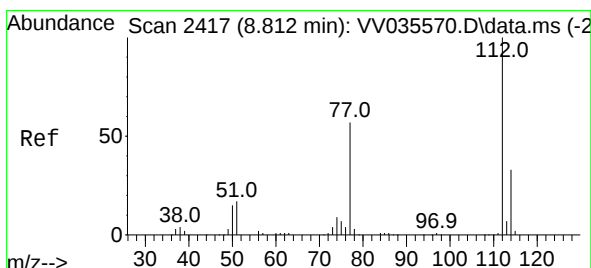
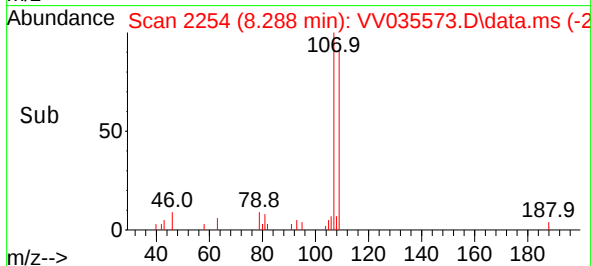
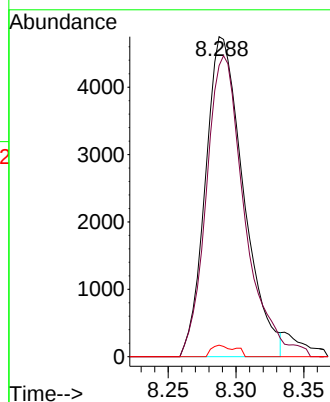
Tgt Ion:107 Resp: 9262

Ion Ratio Lower Upper

107 100

109 90.9 65.7 122.1

188 3.6 3.1 4.7



#51

Chlorobenzene

Concen: 2.431 ug/L

RT: 8.818 min Scan# 2419

Delta R.T. 0.006 min

Lab File: VV035573.D

Acq: 10 May 2024 10:52

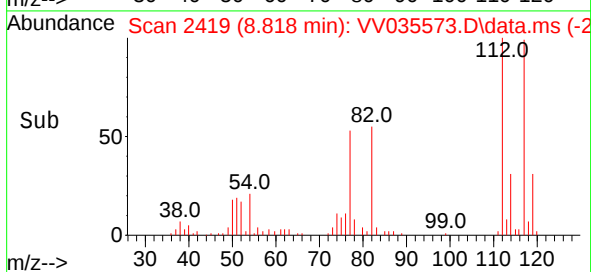
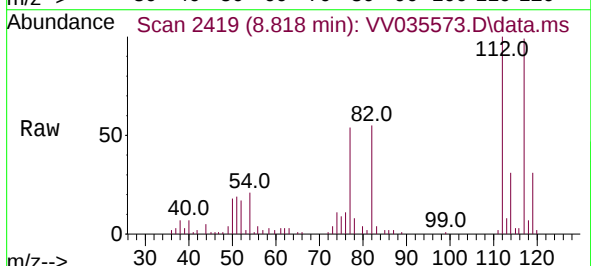
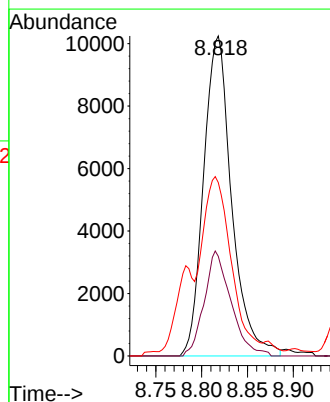
Tgt Ion:112 Resp: 21840

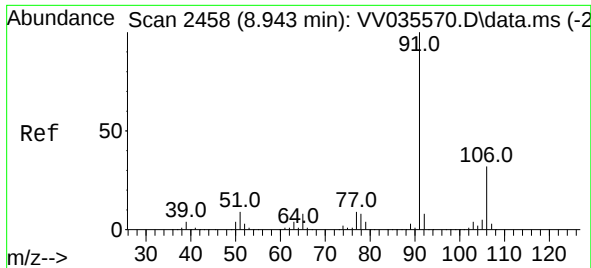
Ion Ratio Lower Upper

112 100

114 31.2 22.4 41.6

77 54.2 45.9 68.9

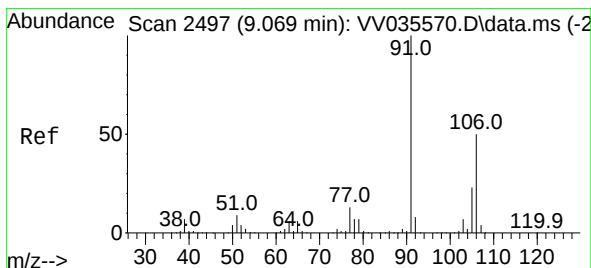
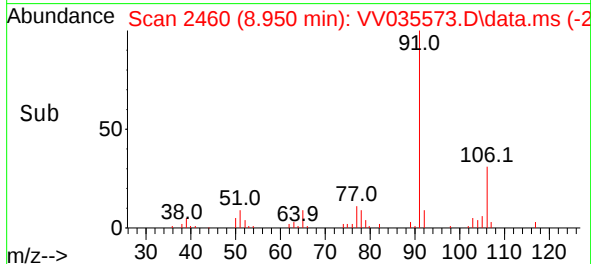
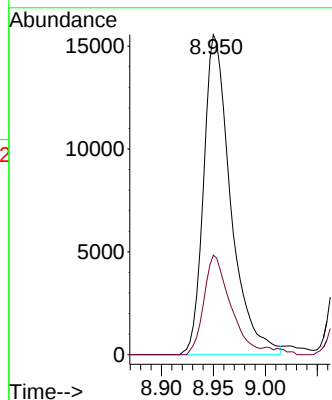
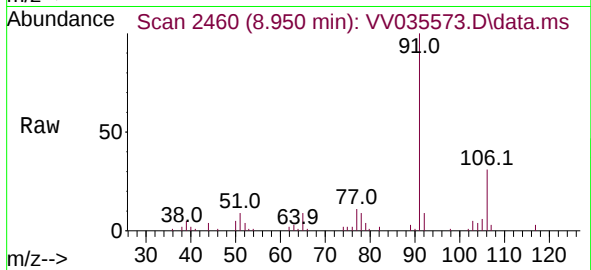




#52
Ethylbenzene
Concen: 2.018 ug/L
RT: 8.950 min Scan# 2458
Delta R.T. 0.006 min
Lab File: VV035573.D
Acq: 10 May 2024 10:52

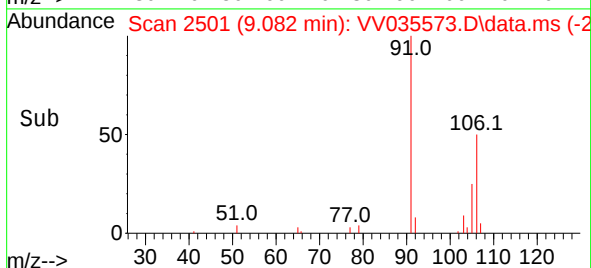
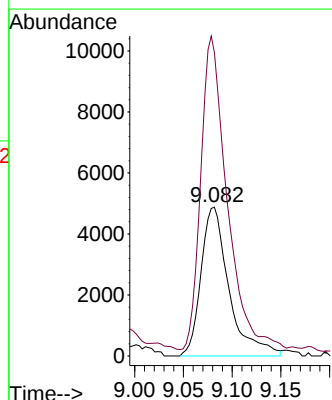
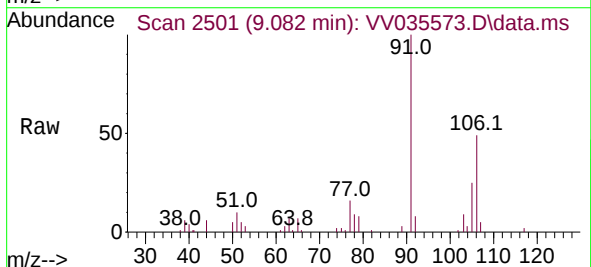
Instrument :
MSVOA_V
ClientSampleId :

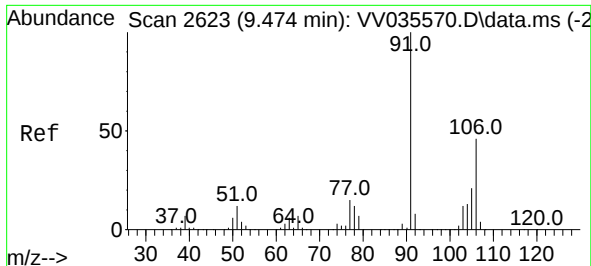
Tgt Ion: 91 Resp: 28218
Ion Ratio Lower Upper
91 100
106 31.1 21.6 40.0



#53
m,p-Xylene
Concen: 1.883 ug/L
RT: 9.082 min Scan# 2501
Delta R.T. 0.013 min
Lab File: VV035573.D
Acq: 10 May 2024 10:52

Tgt Ion:106 Resp: 9768
Ion Ratio Lower Upper
106 100
91 203.8 144.8 268.8





#54

o-Xylene

Concen: 1.975 ug/L

RT: 9.480 min Scan# 2625

Delta R.T. 0.006 min

Lab File: VV035573.D

Acq: 10 May 2024 10:52

Instrument :

MSVOA_V

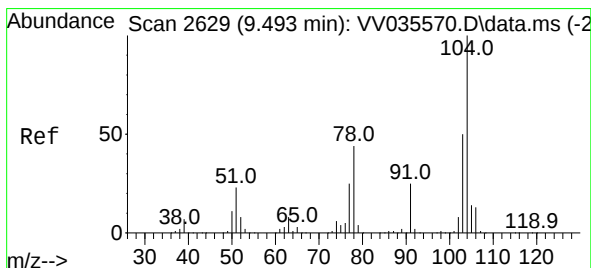
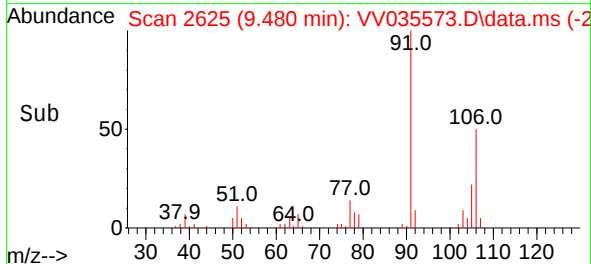
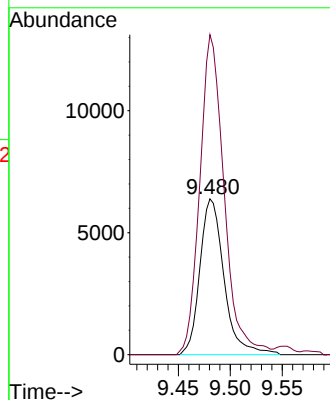
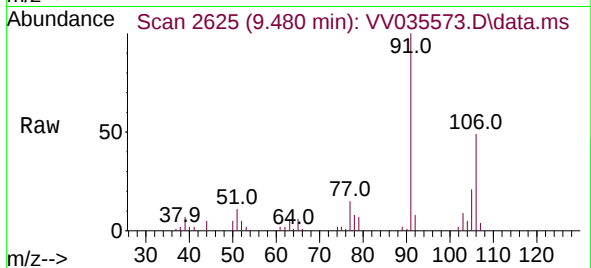
ClientSampleId :

Tgt Ion:106 Resp: 10324

Ion Ratio Lower Upper

106 100

91 205.4 149.9 278.3



#55

Styrene

Concen: 1.708 ug/L

RT: 9.506 min Scan# 2633

Delta R.T. 0.013 min

Lab File: VV035573.D

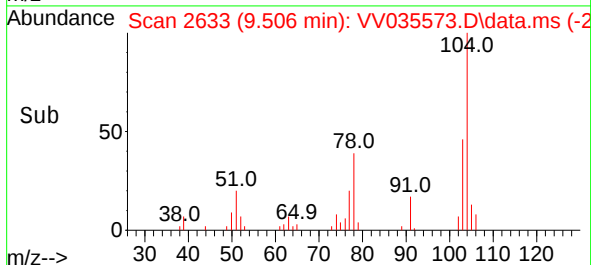
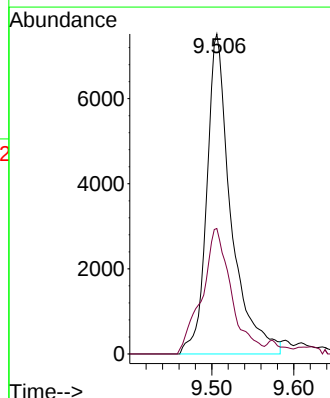
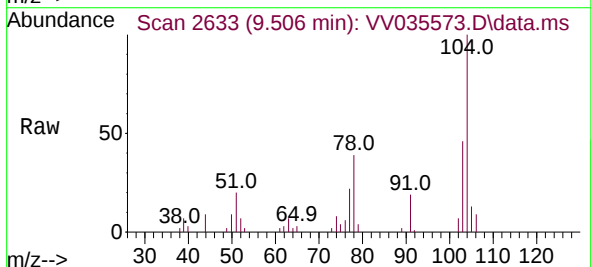
Acq: 10 May 2024 10:52

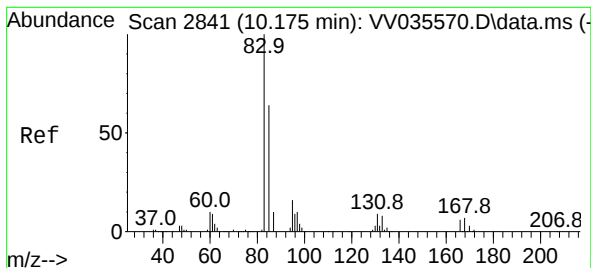
Tgt Ion:104 Resp: 15428

Ion Ratio Lower Upper

104 100

78 39.2 29.9 55.5





#57

1,1,2,2-Tetrachloroethane

Concen: 2.441 ug/L

RT: 10.175 min Scan# 2841

Delta R.T. 0.000 min

Lab File: VV035573.D

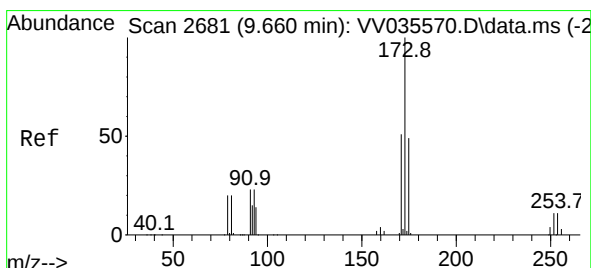
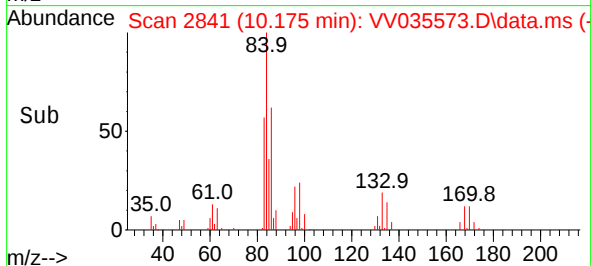
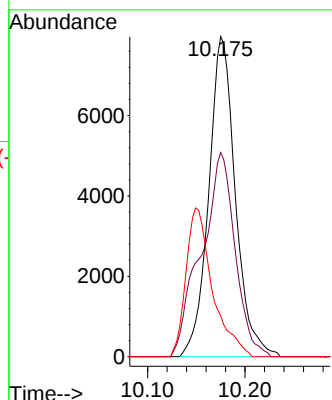
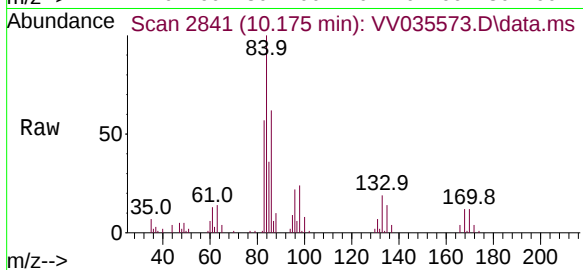
Acq: 10 May 2024 10:52

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	15141
Ion Ratio	Lower	Upper	
83	100		
85	63.8	44.9	83.5
131	12.8	8.1	12.1#



#59

Bromoform

Concen: 2.679 ug/L

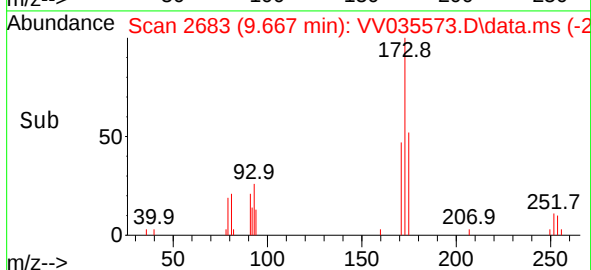
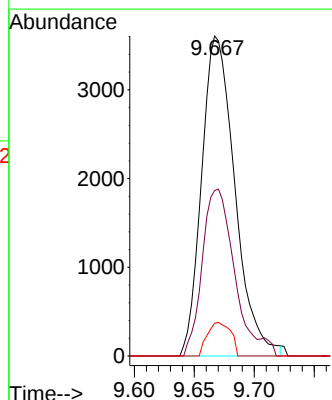
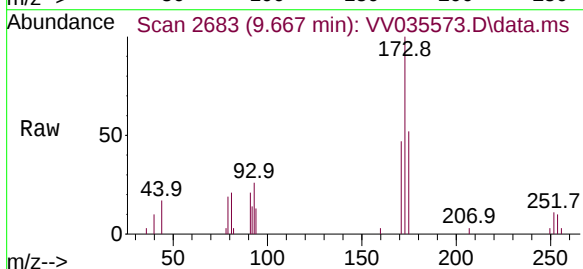
RT: 9.667 min Scan# 2683

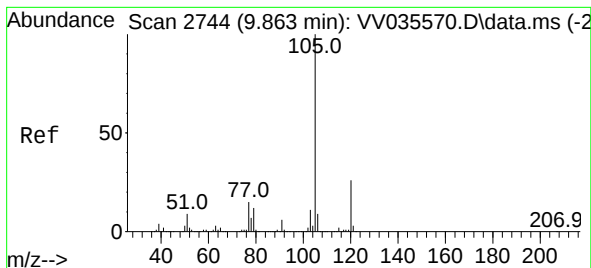
Delta R.T. 0.006 min

Lab File: VV035573.D

Acq: 10 May 2024 10:52

Tgt Ion:	173	Resp:	6957
Ion Ratio	Lower	Upper	
173	100		
175	49.0	39.0	58.6
254	7.3	8.5	12.7#





#60

Isopropylbenzene

Concen: 2.107 ug/L

RT: 9.866 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV035573.D

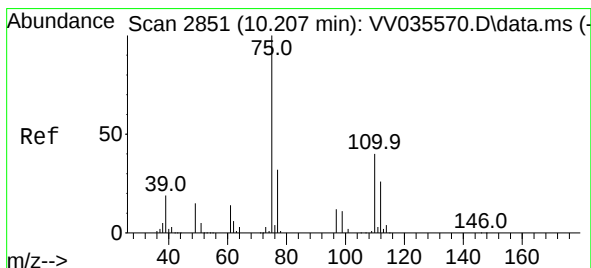
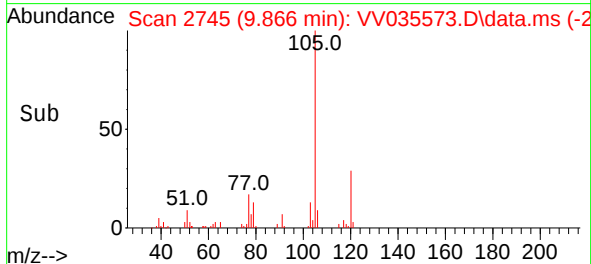
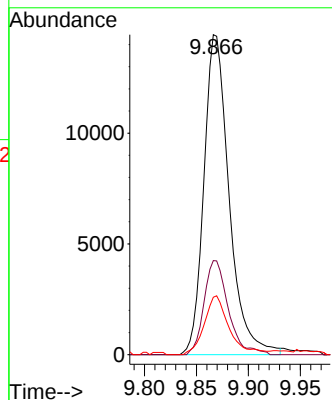
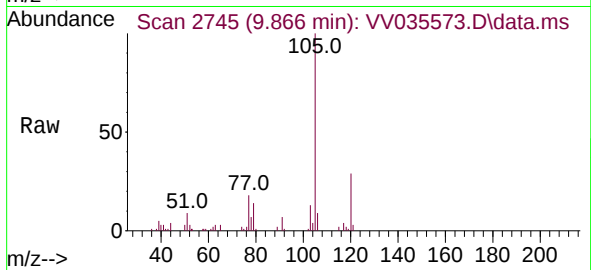
Acq: 10 May 2024 10:52

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:105	Resp:	24429
Ion Ratio	Lower	Upper
105	100	
120	27.2	21.5 32.3
77	17.3	12.3 18.5



#61

1,2,3-Trichloropropane

Concen: 2.856 ug/L

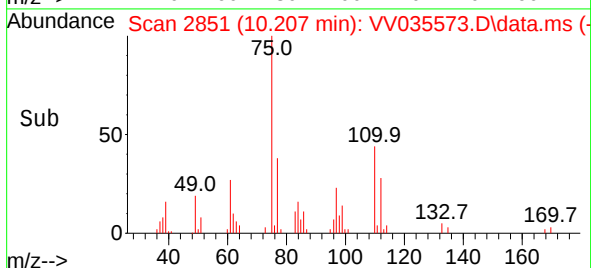
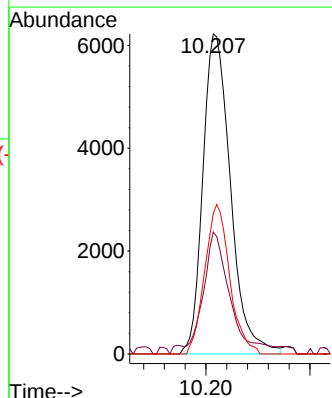
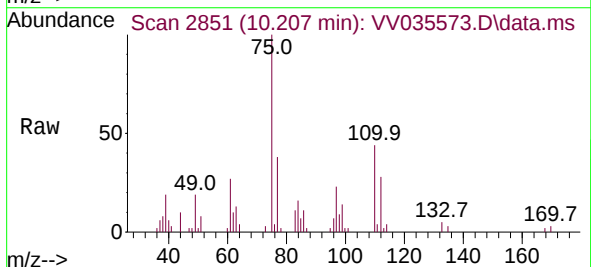
RT: 10.207 min Scan# 2851

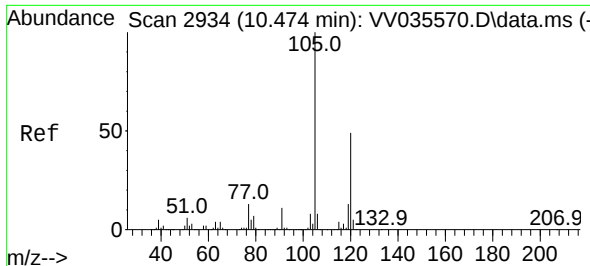
Delta R.T. 0.000 min

Lab File: VV035573.D

Acq: 10 May 2024 10:52

Tgt Ion: 75	Resp:	11505
Ion Ratio	Lower	Upper
75	100	
77	32.4	25.8 38.6
110	42.1	31.6 47.4





#62

1,3,5-Trimethylbenzene

Concen: 1.950 ug/L

RT: 10.477 min Scan# 2934

Delta R.T. 0.003 min

Lab File: VV035573.D

Acq: 10 May 2024 10:52

Instrument :

MSVOA_V

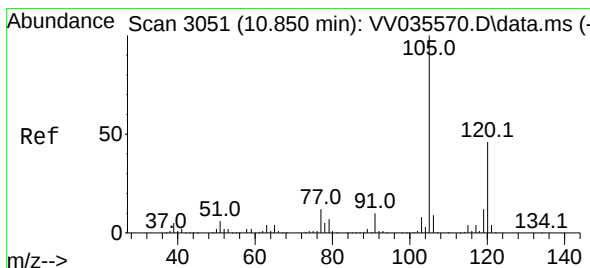
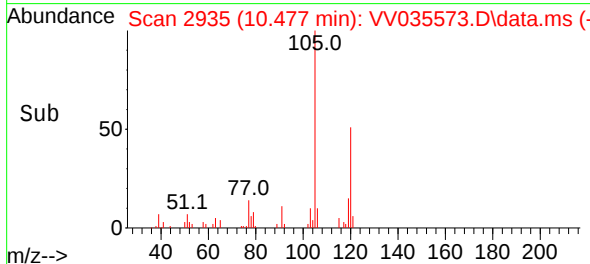
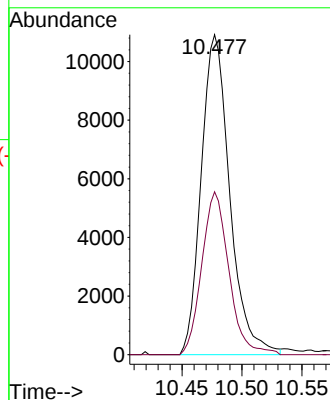
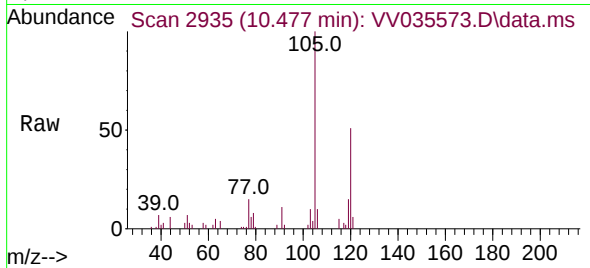
ClientSampleId :

Tgt Ion:105 Resp: 18096

Ion Ratio Lower Upper

105 100

120 48.3 39.5 59.3



#63

1,2,4-Trimethylbenzene

Concen: 1.930 ug/L

RT: 10.853 min Scan# 3052

Delta R.T. 0.003 min

Lab File: VV035573.D

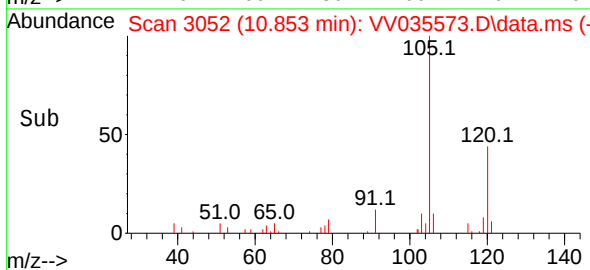
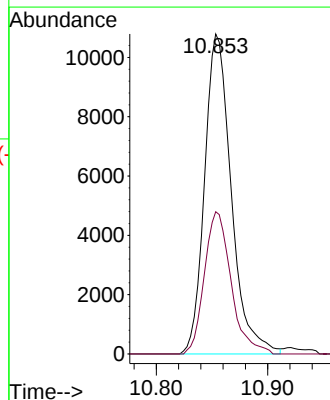
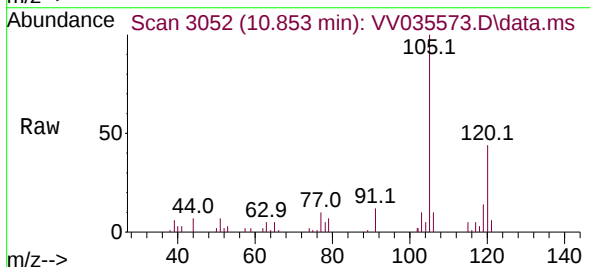
Acq: 10 May 2024 10:52

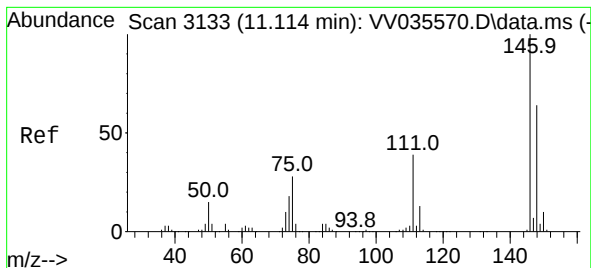
Tgt Ion:105 Resp: 17958

Ion Ratio Lower Upper

105 100

120 44.5 36.6 55.0





#64

1,3-Dichlorobenzene

Concen: 2.441 ug/L

RT: 11.120 min Scan# 3133

Delta R.T. 0.006 min

Lab File: VV035573.D

Acq: 10 May 2024 10:52

Instrument :

MSVOA_V

ClientSampleId :

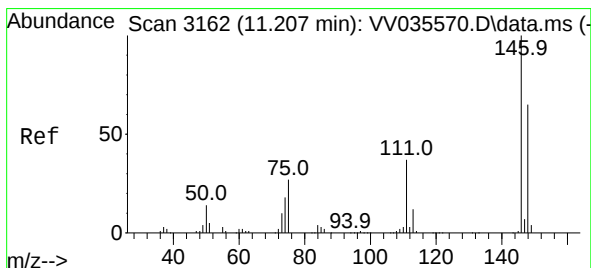
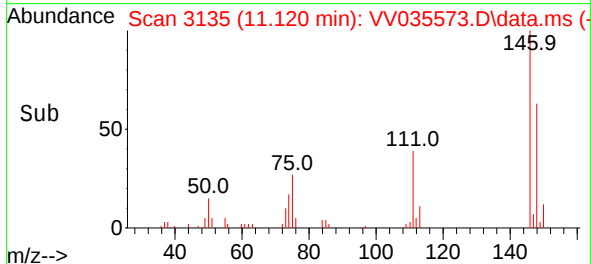
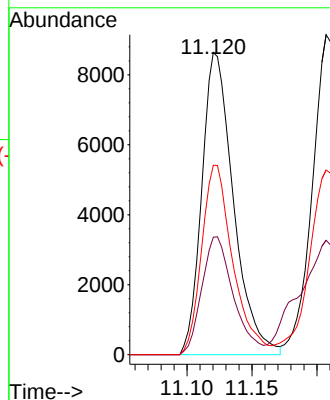
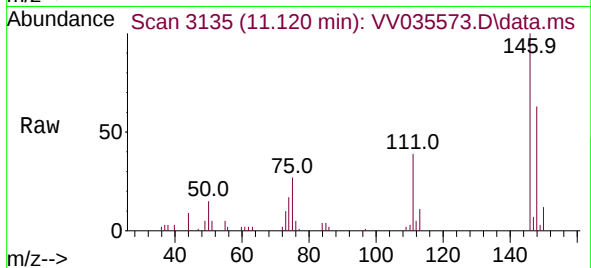
Tgt Ion:146 Resp: 14657

Ion Ratio Lower Upper

146 100

111 38.9 27.9 51.7

148 62.7 45.1 83.9



#65

1,4-Dichlorobenzene

Concen: 2.576 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. 0.000 min

Lab File: VV035573.D

Acq: 10 May 2024 10:52

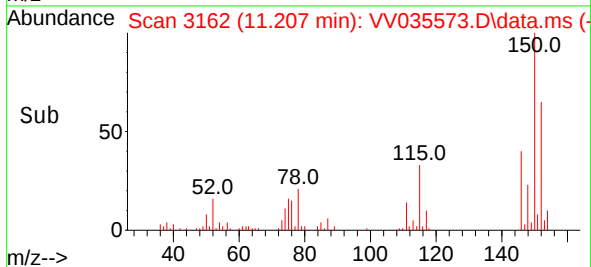
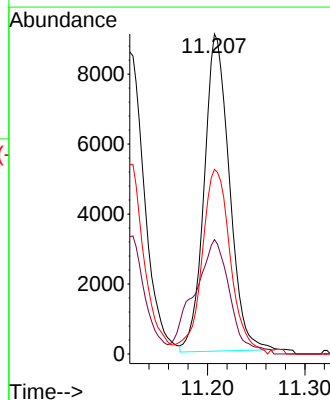
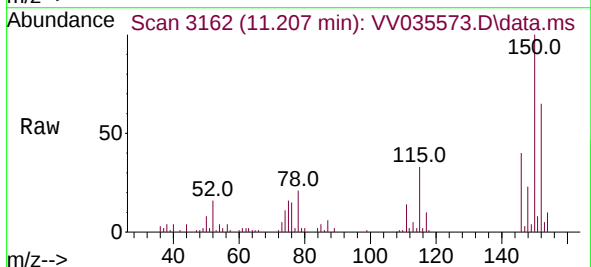
Tgt Ion:146 Resp: 16316

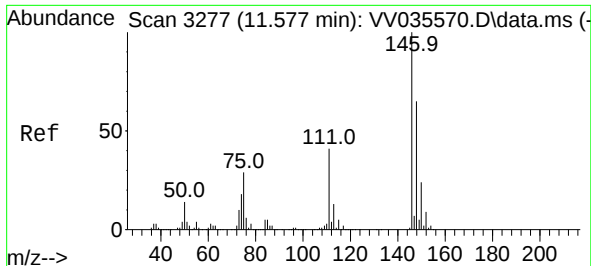
Ion Ratio Lower Upper

146 100

111 35.8 26.4 49.0

148 57.7 44.3 82.3

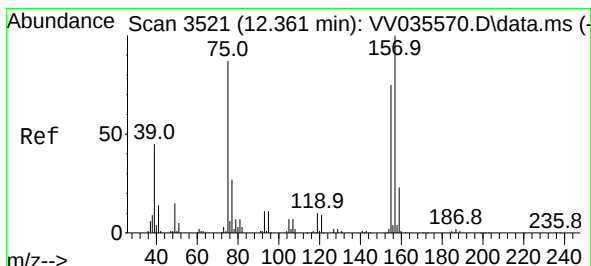
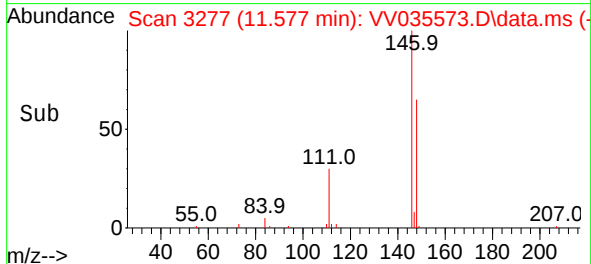
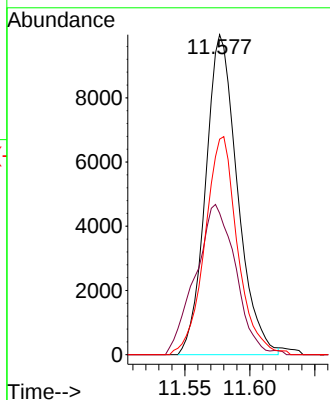
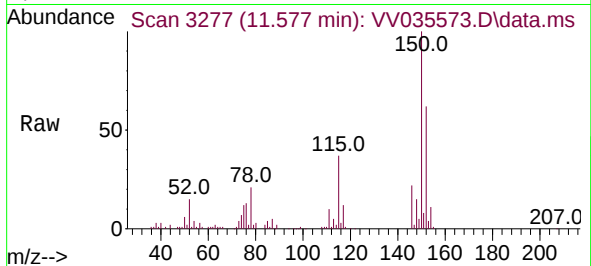




#67
1,2-Dichlorobenzene
Concen: 2.705 ug/L
RT: 11.577 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV035573.D
Acq: 10 May 2024 10:52

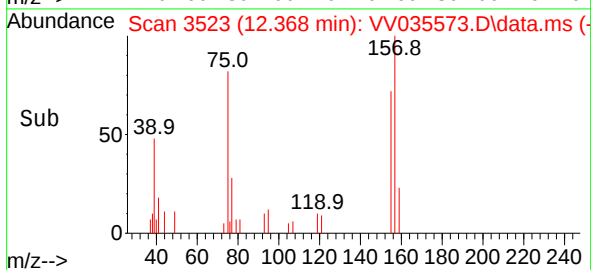
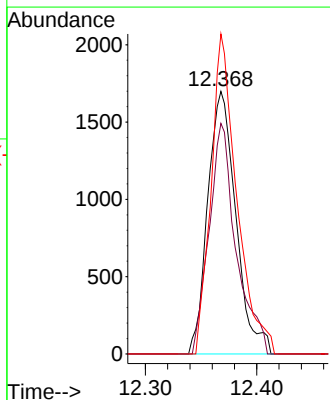
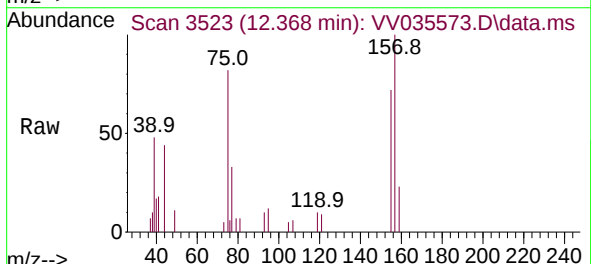
Instrument :
MSVOA_V
ClientSampleId :

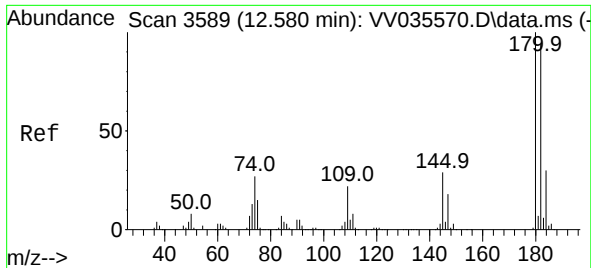
Tgt Ion:146 Resp: 16989
Ion Ratio Lower Upper
146 100
111 44.2 32.1 48.1
148 67.4 51.5 77.3



#68
1,2-Dibromo-3-chloropropane
Concen: 2.511 ug/L
RT: 12.368 min Scan# 3523
Delta R.T. 0.006 min
Lab File: VV035573.D
Acq: 10 May 2024 10:52

Tgt Ion: 75 Resp: 2979
Ion Ratio Lower Upper
75 100
155 87.8 71.4 107.2
157 121.8 95.0 142.4





#69

1,3,5-Trichlorobenzene

Concen: 2.315 ug/L

RT: 12.583 min Scan# 3589

Delta R.T. 0.003 min

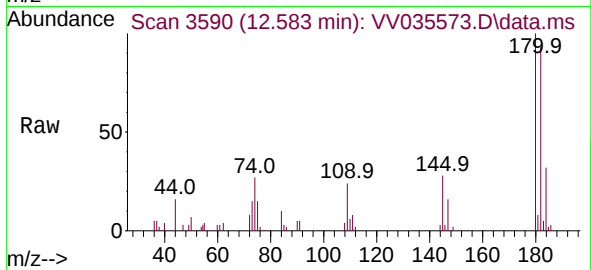
Lab File: VV035573.D

Acq: 10 May 2024 10:52

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 10551

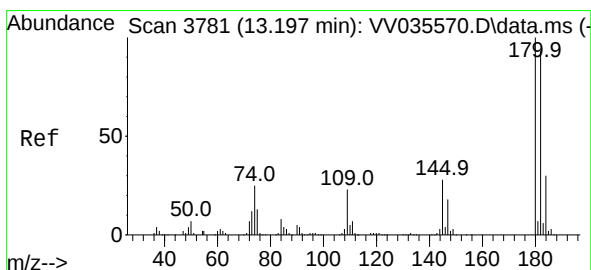
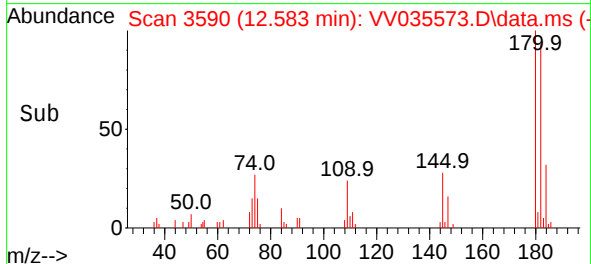
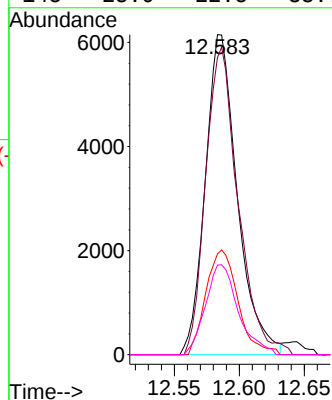
Ion Ratio Lower Upper

180 100

182 95.3 75.7 113.5

184 32.5 24.1 36.1

145 28.9 22.5 33.7



#70

1,2,4-trichlorobenzene

Concen: 2.207 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.003 min

Lab File: VV035573.D

Acq: 10 May 2024 10:52

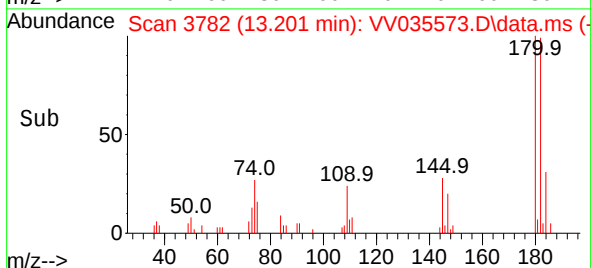
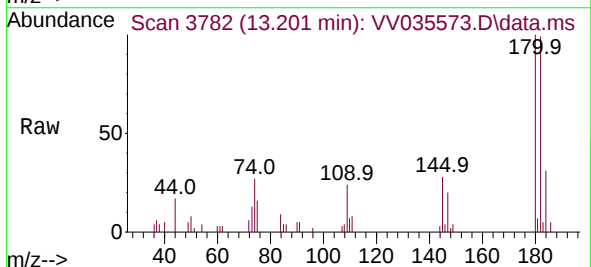
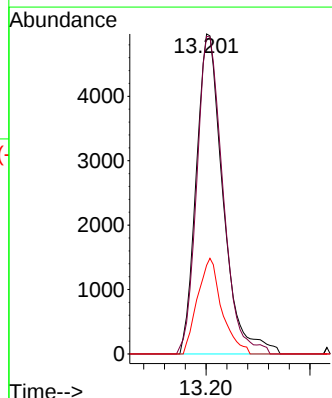
Tgt Ion:180 Resp: 8858

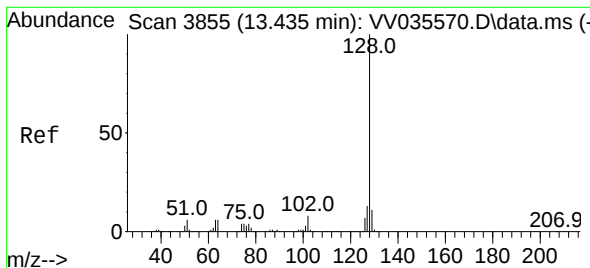
Ion Ratio Lower Upper

180 100

182 96.3 75.7 113.5

145 27.2 23.0 34.4





#71

Naphthalene

Concen: 2.039 ug/L

RT: 13.442 min Scan# 3855

Delta R.T. 0.006 min

Lab File: VV035573.D

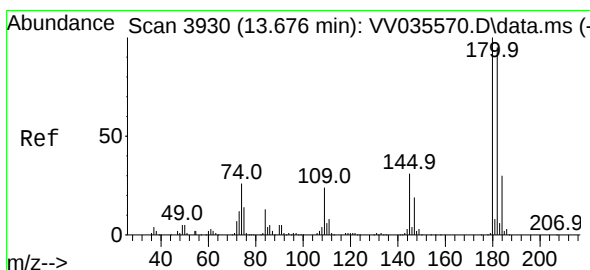
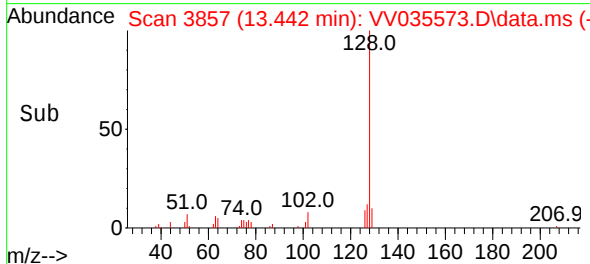
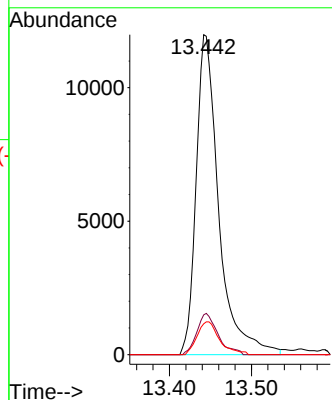
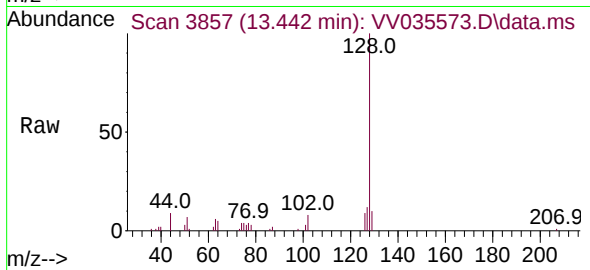
Acq: 10 May 2024 10:52

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:128	Resp:	22942
Ion Ratio	Lower	Upper
128	100	
127	12.1	10.2 15.4
129	10.0	8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 2.335 ug/L

RT: 13.683 min Scan# 3932

Delta R.T. 0.006 min

Lab File: VV035573.D

Acq: 10 May 2024 10:52

Tgt Ion:180	Resp:	9730
Ion Ratio	Lower	Upper
180	100	
182	95.9	76.2 114.2
145	30.2	24.9 37.3

