

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV022924\
 Data File : VV034470.D
 Acq On : 29 Feb 2024 09:33
 Operator : SY/MD
 Sample : VSTD010
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 01 00:57:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 01 00:56:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	317882	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	296939	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	153265	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	26207	10.538	ug/L	0.00
7) Chloroethane-d5	1.529	69	20773	10.447	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.060	65	11566	10.576	ug/L	0.00
21) 2-Butanone-d5	3.809	46	22089	12.779	ug/L	0.03
24) Chloroform-d	4.249	84	45001	10.021	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.944	65	29339	10.066	ug/L	0.00
32) Benzene-d6	4.960	84	82181	9.599	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.989	67	24689	8.939	ug/L	0.00
41) Toluene-d8	7.243	98	73704	9.562	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.558	79	11300	8.219	ug/L	0.00
47) 2-Hexanone-d5	8.030	63	23326	19.297	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.153	84	33178	9.281	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.561	152	29235	9.920	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	33346	11.774	ug/L	99
3) Chloromethane	1.217	50	33038	10.690	ug/L	96
5) Vinyl chloride	1.285	62	31257	10.530	ug/L	96
6) Bromomethane	1.487	94	18596	11.715	ug/L	96
8) Chloroethane	1.548	64	18386	10.405	ug/L	99
9) Trichlorofluoromethane	1.712	101	46446	12.445	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	24701	11.478	ug/L	97
12) 1,1-Dichloroethene	2.069	96	23190	11.502	ug/L	96
13) Acetone	2.118	43	43503	25.354	ug/L	100
14) Carbon disulfide	2.243	76	61766	9.426	ug/L	100
15) Methyl Acetate	2.378	43	26007	9.692	ug/L	98
16) Methylene chloride	2.446	84	25484	10.670	ug/L	99
17) trans-1,2-Dichloroethene	2.696	96	22887	10.479	ug/L	94
18) Methyl tert-butyl Ether	2.700	73	78150	9.954	ug/L	99
19) 1,1-Dichloroethane	3.111	63	43696	9.884	ug/L	99
20) cis-1,2-Dichloroethene	3.818	96	22665	9.353	ug/L	94
22) 2-Butanone	3.883	43	32212	16.188	ug/L #	76
23) Bromochloromethane	4.150	128	11987	10.020	ug/L	87
25) Chloroform	4.275	83	44829	10.507	ug/L	98
27) 1,2-Dichloroethane	5.043	62	35318	9.916	ug/L	96
29) Cyclohexane	4.580	56	36746	8.838	ug/L	99
30) 1,1,1-Trichloroethane	4.510	97	39809	10.673	ug/L	98
31) Carbon tetrachloride	4.735	117	35921	11.222	ug/L	99
33) Benzene	5.008	78	89822	10.124	ug/L	100
34) Trichloroethene	5.834	95	25346	10.559	ug/L	95
35) Methylcyclohexane	6.047	83	37996	9.413	ug/L	98
37) 1,2-Dichloropropane	6.095	63	22375	9.294	ug/L	98
38) Bromodichloromethane	6.432	83	31226	9.714	ug/L	98
39) cis-1,3-Dichloropropene	6.957	75	34303	8.441	ug/L	94
40) 4-Methyl-2-pentanone	7.159	43	64562	18.051	ug/L	99
42) Toluene	7.317	91	94948	10.104	ug/L	98
44) trans-1,3-Dichloropropene	7.587	75	32870	8.825	ug/L	95

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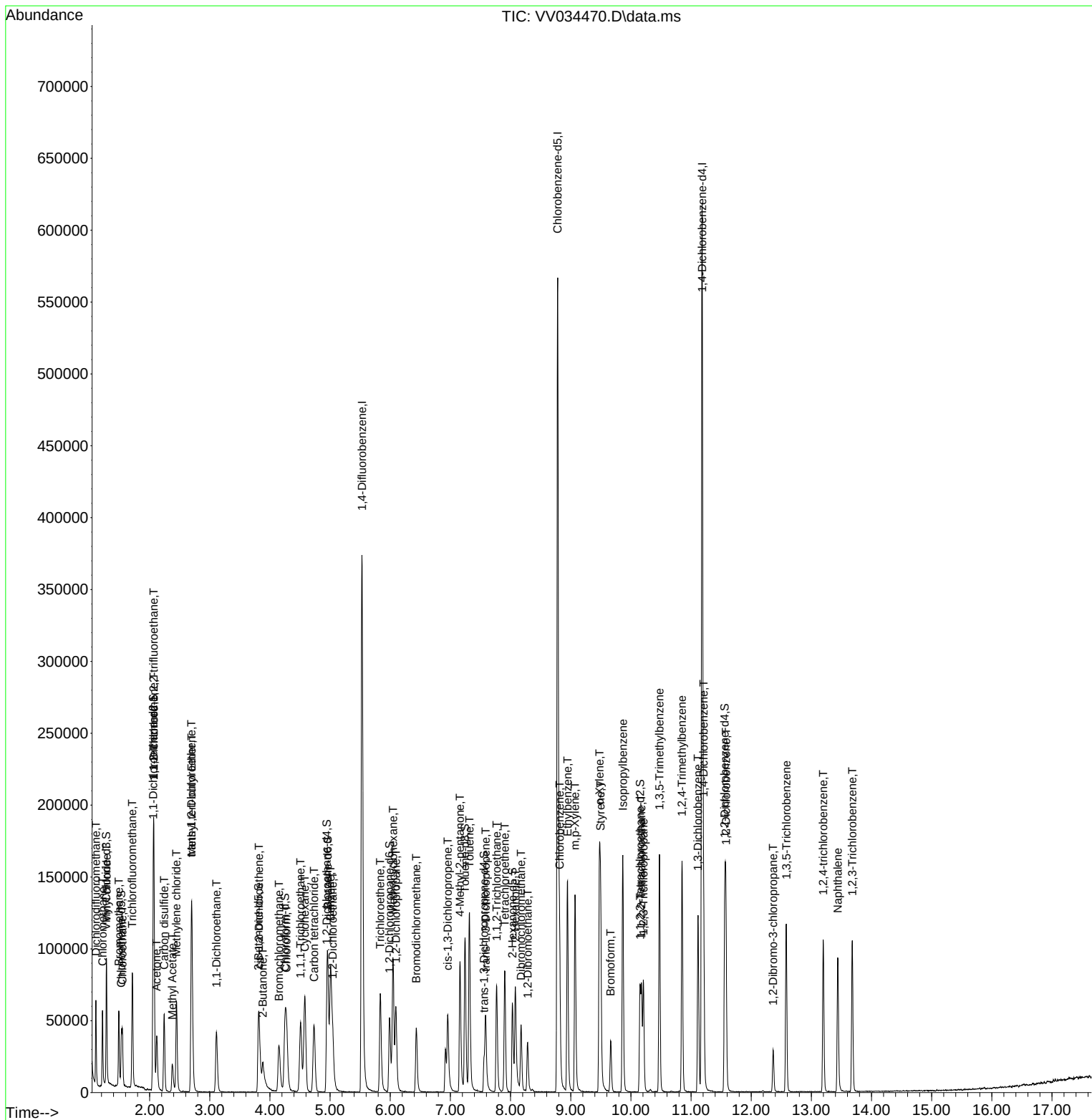
Quant Time: Mar 01 00:57:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
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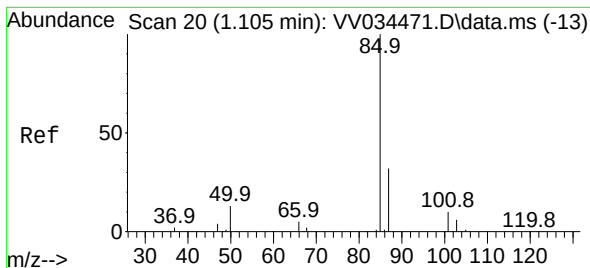
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.767	97	22206	10.029	ug/L	96
46) Tetrachloroethene	7.905	164	19315	10.905	ug/L	96
48) 2-Hexanone	8.079	43	51294	17.927	ug/L	98
49) Dibromochloromethane	8.175	129	23390	10.060	ug/L	97
50) 1,2-Dibromoethane	8.284	107	23466	10.003	ug/L	95
51) Chlorobenzene	8.815	112	60552	10.155	ug/L	98
52) Ethylbenzene	8.947	91	102421	9.471	ug/L	96
53) m,p-Xylene	9.072	106	38840	9.746	ug/L	100
54) o-Xylene	9.477	106	38729	9.779	ug/L	99
55) Styrene	9.497	104	64428	9.451	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.175	83	33507	9.593	ug/L	96
59) Bromoform	9.664	173	15483	9.392	ug/L	95
60) Isopropylbenzene	9.866	105	104973	9.957	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	29136	10.527	ug/L	97
62) 1,3,5-Trimethylbenzene	10.474	105	86018	9.512	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	84381	9.409	ug/L	98
64) 1,3-Dichlorobenzene	11.117	146	48189	10.089	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	48433	10.112	ug/L	97
67) 1,2-Dichlorobenzene	11.580	146	49686	10.619	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.365	75	7828	9.742	ug/L	94
69) 1,3,5-Trichlorobenzene	12.583	180	35168	9.937	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	30645	9.518	ug/L	97
71) Naphthalene	13.439	128	75565	8.852	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	30359	9.988	ug/L	99

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

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#2

Dichlorodifluoromethane

Concen: 11.774 ug/L

RT: 1.108 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV034470.D

Acq: 29 Feb 2024 09:33

Instrument :

MSVOA_V

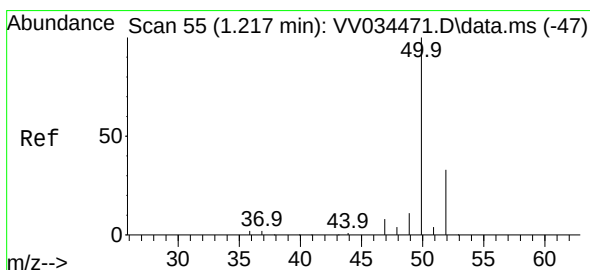
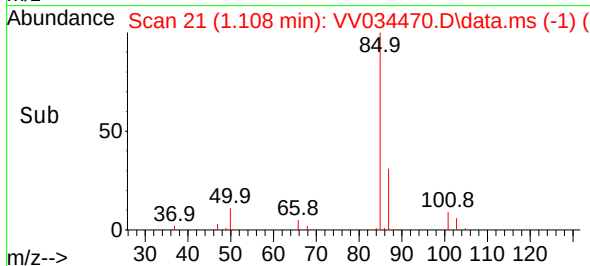
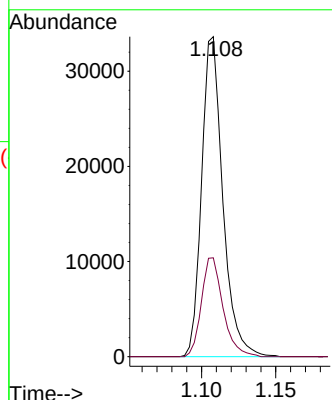
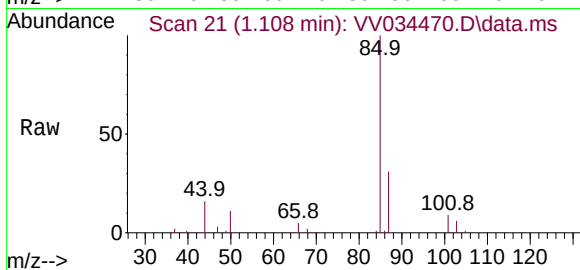
ClientSampleId :

Tgt Ion: 85 Resp: 33346

Ion Ratio Lower Upper

85 100

87 31.6 25.5 38.3



#3

Chloromethane

Concen: 10.690 ug/L

RT: 1.217 min Scan# 55

Delta R.T. -0.000 min

Lab File: VV034470.D

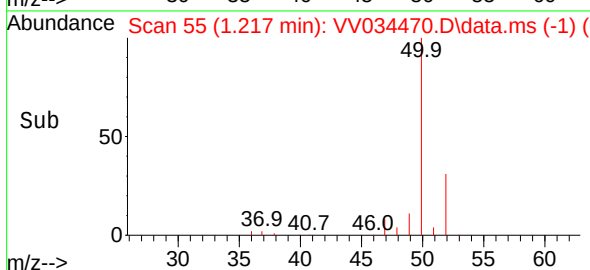
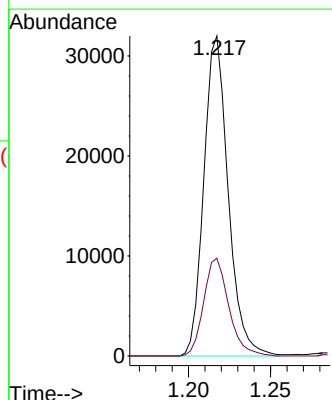
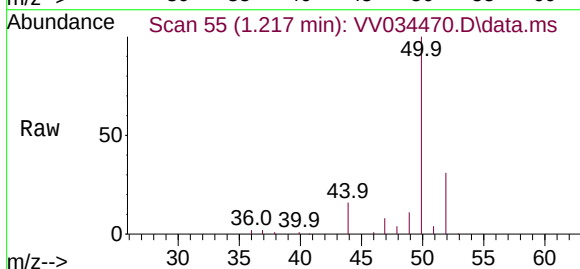
Acq: 29 Feb 2024 09:33

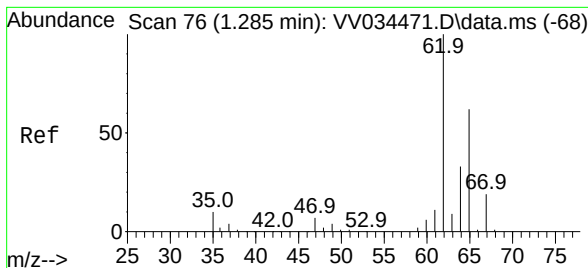
Tgt Ion: 50 Resp: 33038

Ion Ratio Lower Upper

50 100

52 30.6 23.0 42.8





#5

Vinyl chloride

Concen: 10.530 ug/L

RT: 1.285 min Scan# 76

Delta R.T. -0.000 min

Lab File: VV034470.D

Acq: 29 Feb 2024 09:33

Instrument :

MSVOA_V

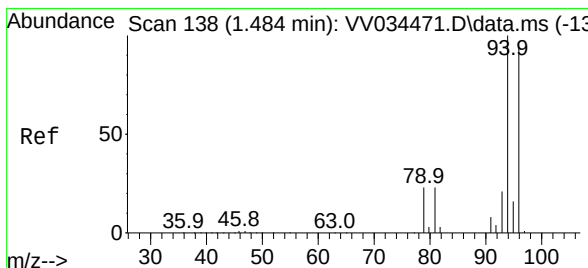
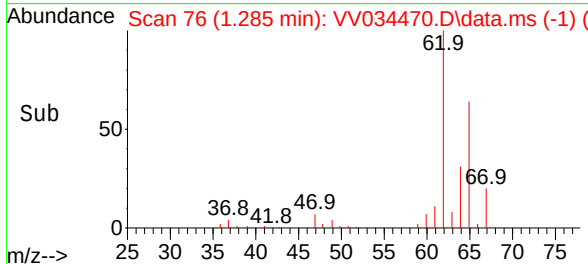
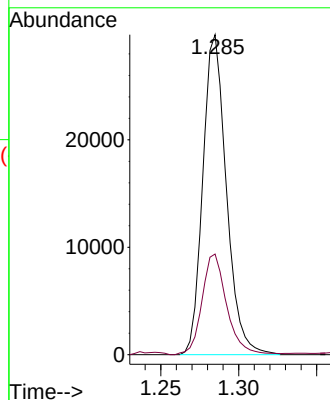
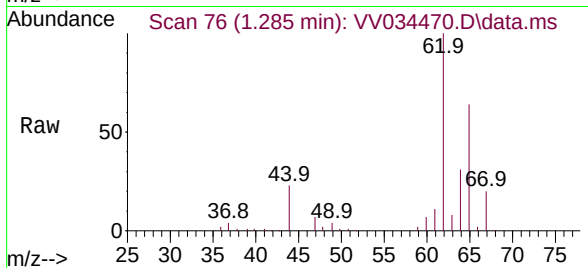
ClientSampleId :

Tgt Ion: 62 Resp: 31257

Ion Ratio Lower Upper

62 100

64 31.5 23.4 43.6



#6

Bromomethane

Concen: 11.715 ug/L

RT: 1.487 min Scan# 139

Delta R.T. 0.003 min

Lab File: VV034470.D

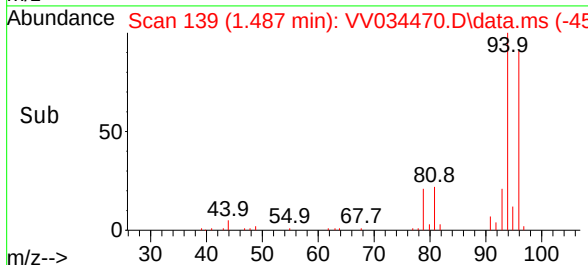
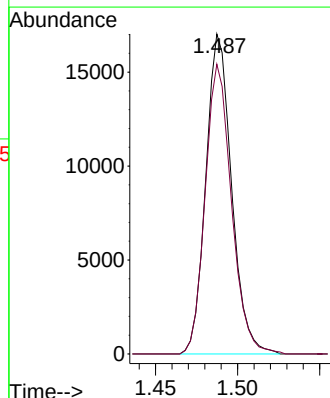
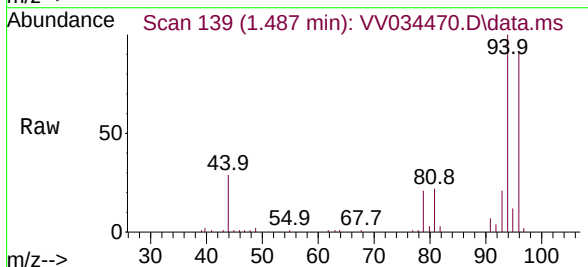
Acq: 29 Feb 2024 09:33

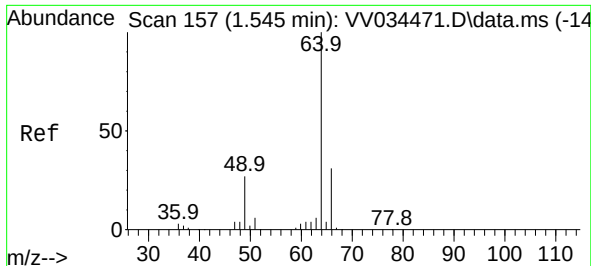
Tgt Ion: 94 Resp: 18596

Ion Ratio Lower Upper

94 100

96 90.5 66.0 122.6

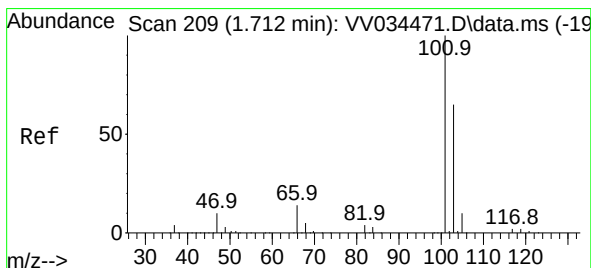
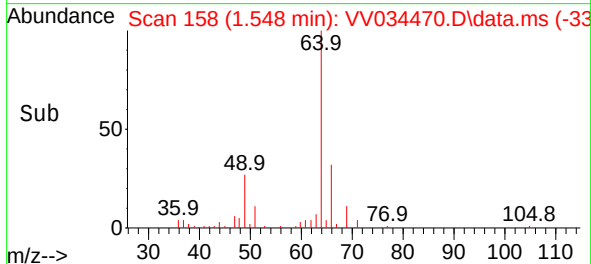
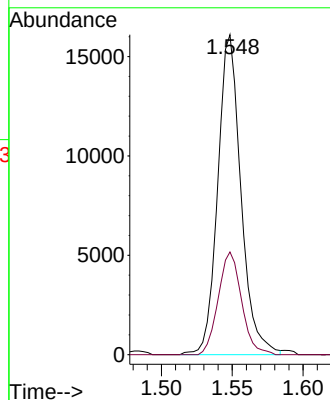
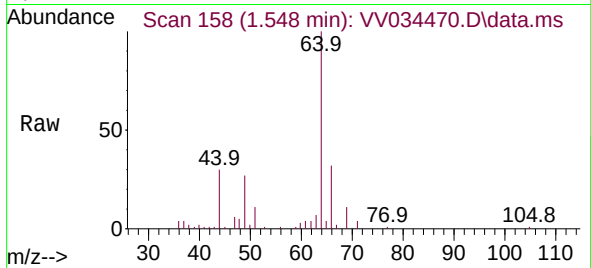




#8
Chloroethane
Concen: 10.405 ug/L
RT: 1.548 min Scan# 157
Delta R.T. 0.003 min
Lab File: VV034470.D
Acq: 29 Feb 2024 09:33

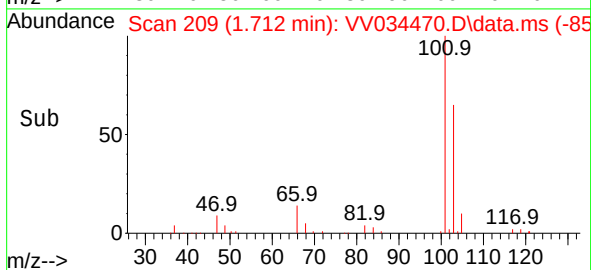
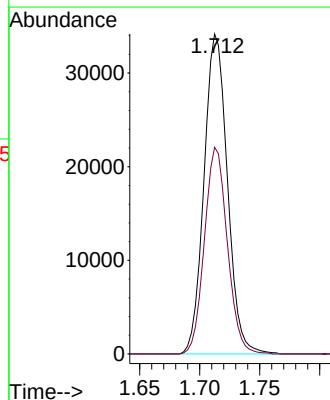
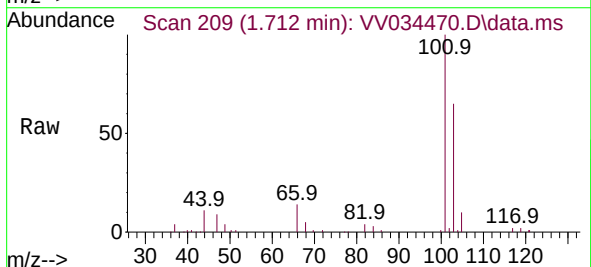
Instrument :
MSVOA_V
ClientSampleId :

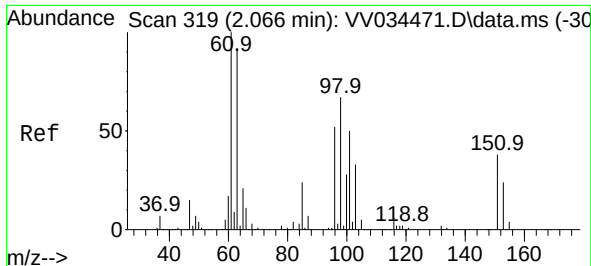
Tgt Ion: 64 Resp: 18386
Ion Ratio Lower Upper
64 100
66 32.1 22.0 40.8



#9
Trichlorofluoromethane
Concen: 12.445 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.000 min
Lab File: VV034470.D
Acq: 29 Feb 2024 09:33

Tgt Ion:101 Resp: 46446
Ion Ratio Lower Upper
101 100
103 63.2 51.8 77.8





#10

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

Concen: 11.478 ug/L

RT: 2.069 min Scan# 319

Delta R.T. 0.003 min

Lab File: VV034470.D

Acq: 29 Feb 2024 09:33

Instrument :

MSVOA_V

ClientSampleId :

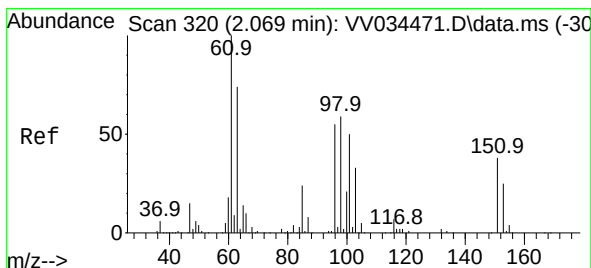
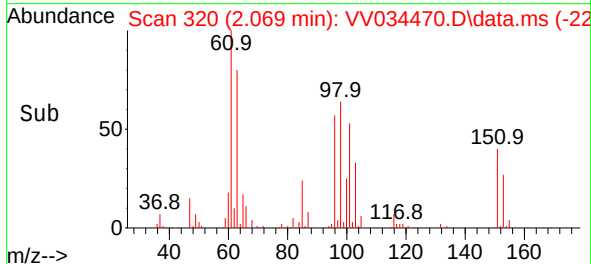
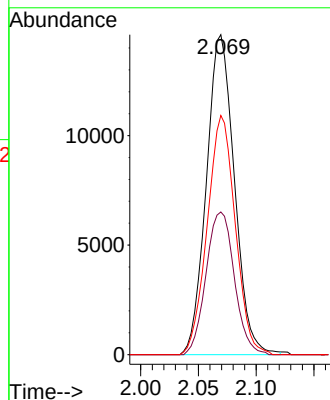
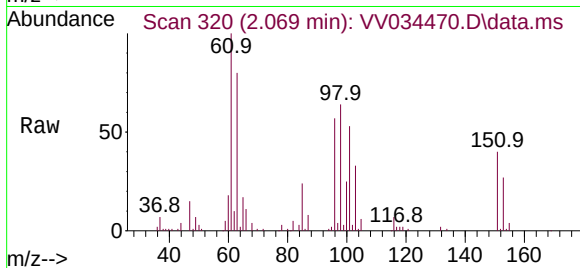
Tgt Ion:101 Resp: 24701

Ion Ratio Lower Upper

101 100

85 45.0 37.4 56.0

151 74.6 61.4 92.2



#12

1,1-Dichloroethene

Concen: 11.502 ug/L

RT: 2.069 min Scan# 320

Delta R.T. -0.000 min

Lab File: VV034470.D

Acq: 29 Feb 2024 09:33

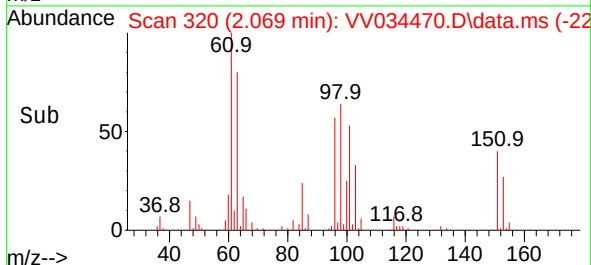
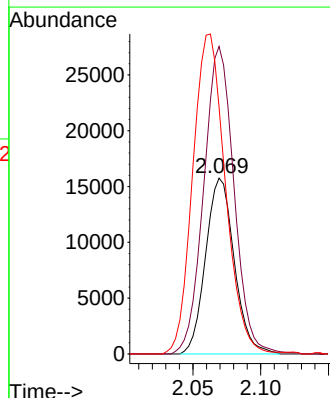
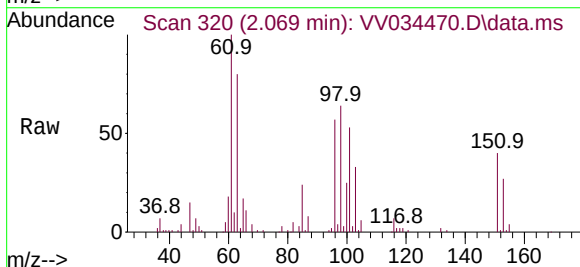
Tgt Ion: 96 Resp: 23190

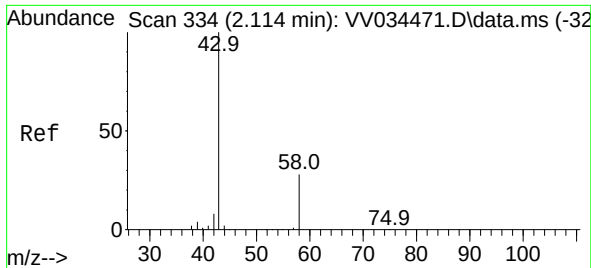
Ion Ratio Lower Upper

96 100

61 174.8 128.9 239.3

63 140.2 98.0 182.0





#13

Acetone

Concen: 25.354 ug/L

RT: 2.118 min Scan# 341

Delta R.T. 0.003 min

Lab File: VV034470.D

Acq: 29 Feb 2024 09:33

Instrument :

MSVOA_V

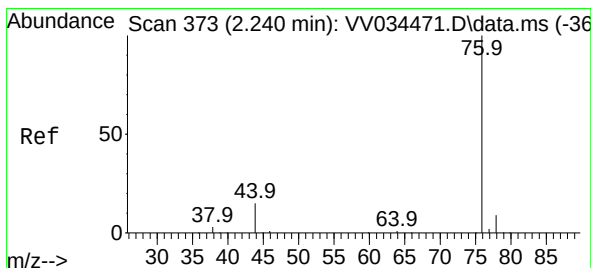
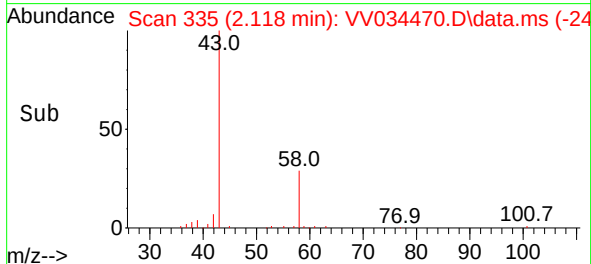
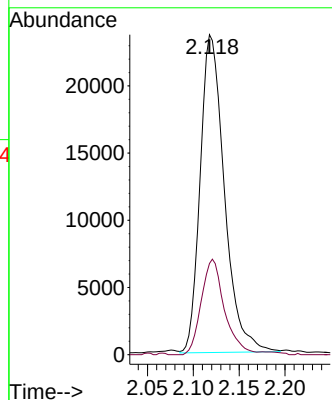
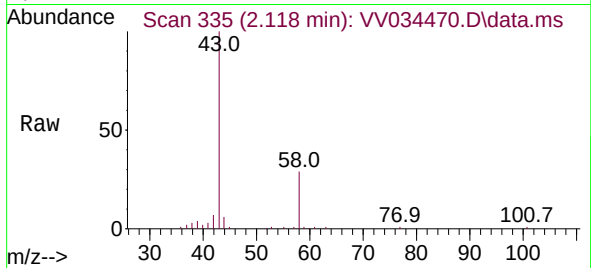
ClientSampleId :

Tgt Ion: 43 Resp: 43503

Ion Ratio Lower Upper

43 100

58 28.8 0.0 57.2



#14

Carbon disulfide

Concen: 9.426 ug/L

RT: 2.243 min Scan# 374

Delta R.T. 0.003 min

Lab File: VV034470.D

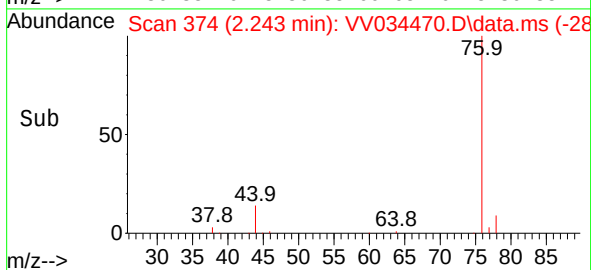
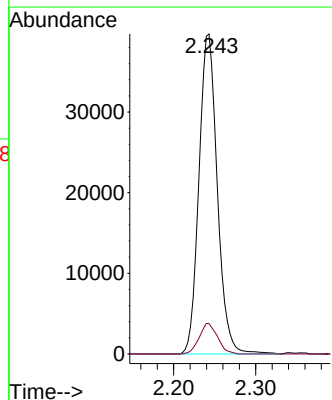
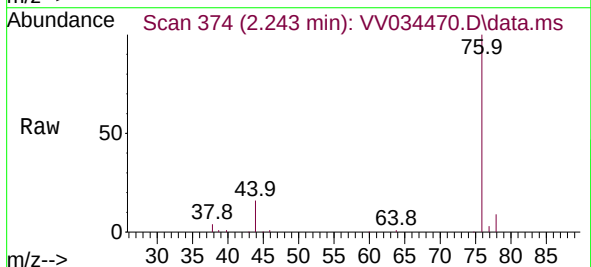
Acq: 29 Feb 2024 09:33

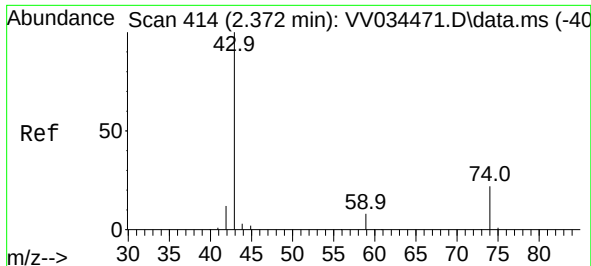
Tgt Ion: 76 Resp: 61766

Ion Ratio Lower Upper

76 100

78 9.5 7.5 11.3





#15

Methyl Acetate

Concen: 9.692 ug/L

RT: 2.378 min Scan# 414

Delta R.T. 0.006 min

Lab File: VV034470.D

Acq: 29 Feb 2024 09:33

Instrument :

MSVOA_V

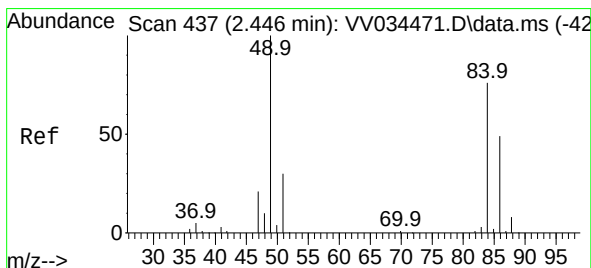
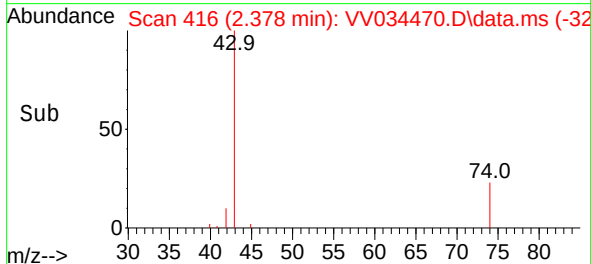
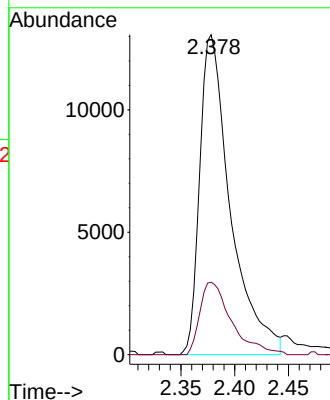
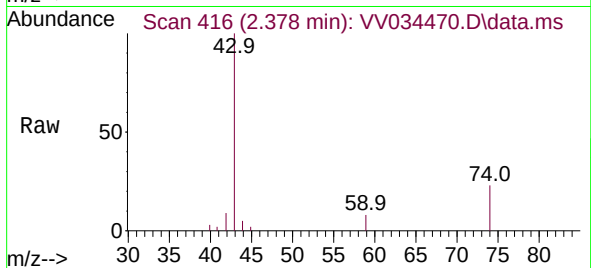
ClientSampleId :

Tgt Ion: 43 Resp: 26007

Ion Ratio Lower Upper

43 100

74 23.3 17.8 26.8



#16

Methylene chloride

Concen: 10.670 ug/L

RT: 2.446 min Scan# 437

Delta R.T. -0.000 min

Lab File: VV034470.D

Acq: 29 Feb 2024 09:33

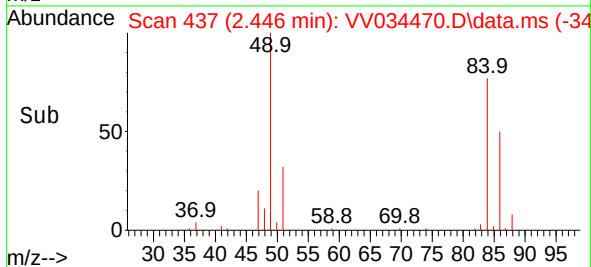
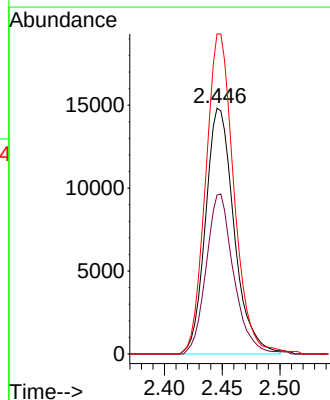
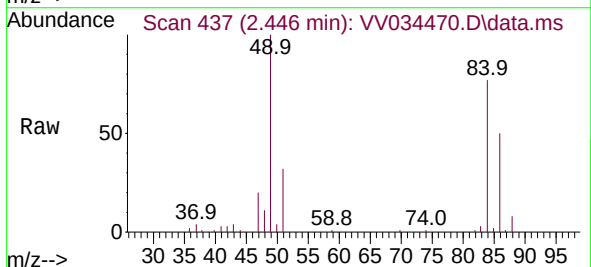
Tgt Ion: 84 Resp: 25484

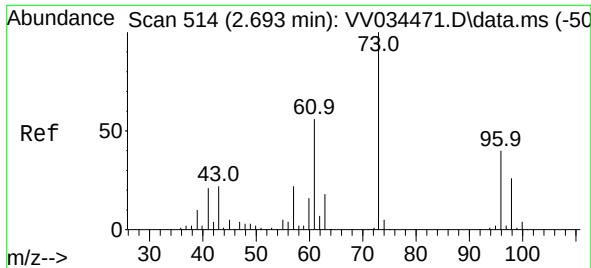
Ion Ratio Lower Upper

84 100

86 64.7 45.6 84.6

49 130.2 92.3 171.3

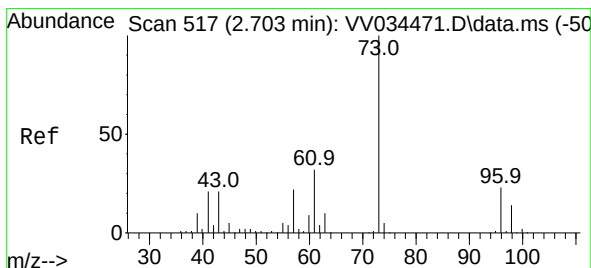
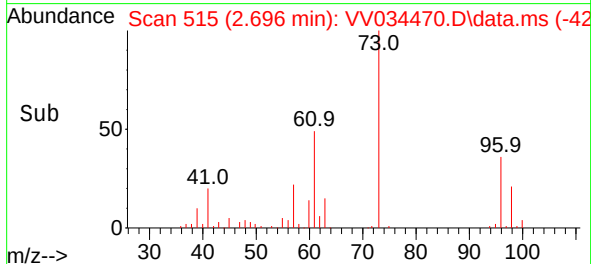
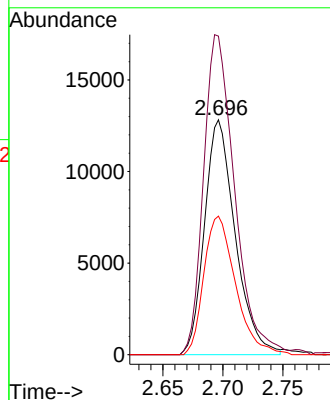
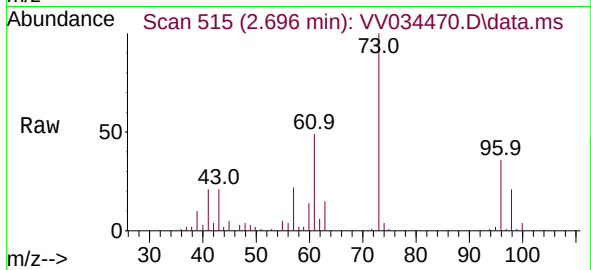




#17
trans-1,2-Dichloroethene
Concen: 10.479 ug/L
RT: 2.696 min Scan# 514
Delta R.T. 0.003 min
Lab File: VV034470.D
Acq: 29 Feb 2024 09:33

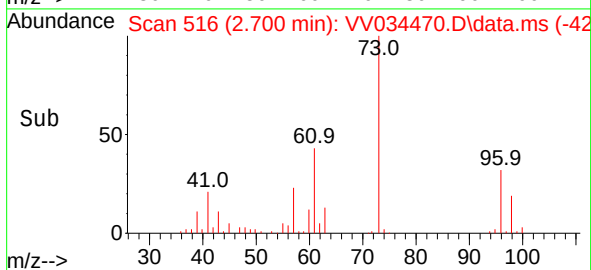
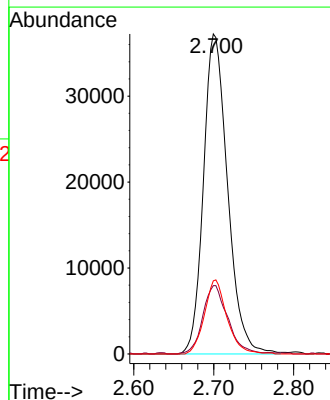
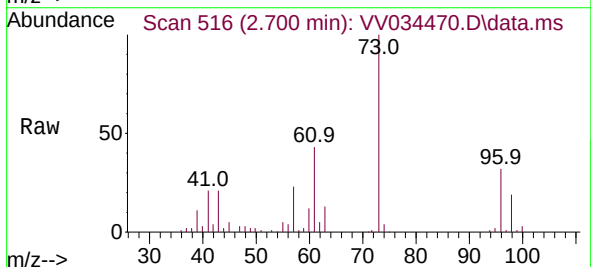
Instrument :
MSVOA_V
ClientSampleId :

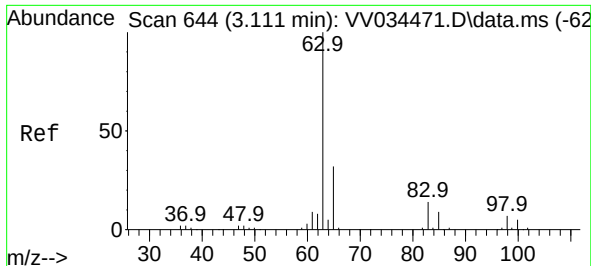
Tgt Ion: 96 Resp: 22887
Ion Ratio Lower Upper
96 100
61 135.6 98.8 183.4
98 59.0 46.1 85.5



#18
Methyl tert-butyl Ether
Concen: 9.954 ug/L
RT: 2.700 min Scan# 516
Delta R.T. -0.003 min
Lab File: VV034470.D
Acq: 29 Feb 2024 09:33

Tgt Ion: 73 Resp: 78150
Ion Ratio Lower Upper
73 100
43 22.1 17.1 25.7
57 21.6 17.6 26.4

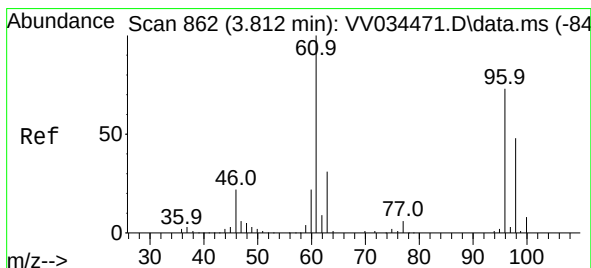
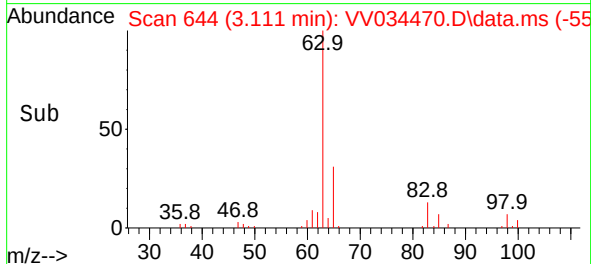
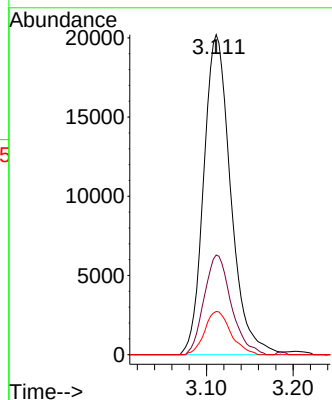
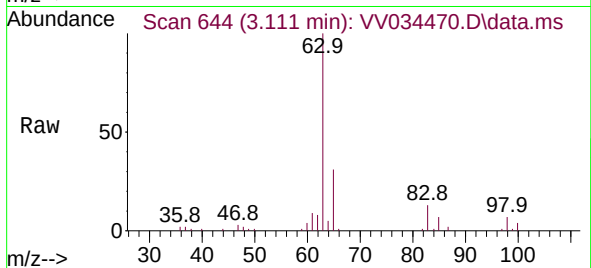




#19
1,1-Dichloroethane
Concen: 9.884 ug/L
RT: 3.111 min Scan# 644
Delta R.T. -0.000 min
Lab File: VV034470.D
Acq: 29 Feb 2024 09:33

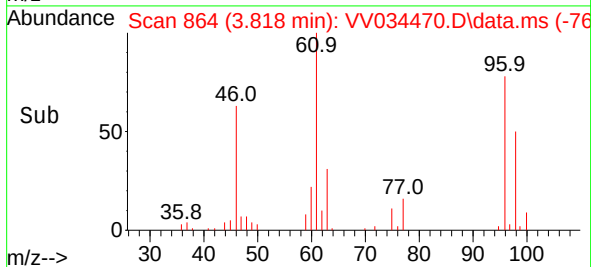
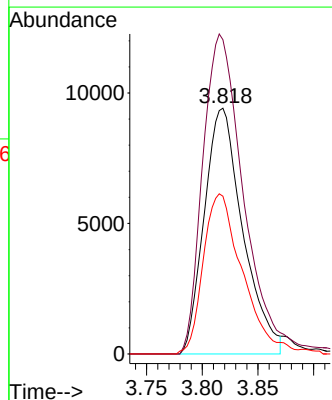
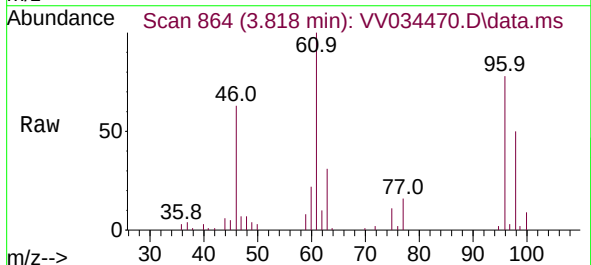
Instrument :
MSVOA_V
ClientSampleId :

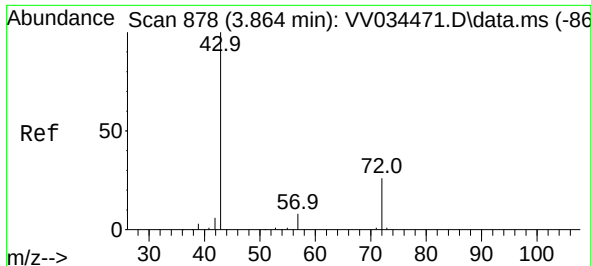
Tgt Ion: 63 Resp: 43696
Ion Ratio Lower Upper
63 100
65 31.2 22.1 41.1
83 13.5 9.9 18.3



#20
cis-1,2-Dichloroethene
Concen: 9.353 ug/L
RT: 3.818 min Scan# 864
Delta R.T. 0.006 min
Lab File: VV034470.D
Acq: 29 Feb 2024 09:33

Tgt Ion: 96 Resp: 22665
Ion Ratio Lower Upper
96 100
61 127.9 96.0 178.4
98 66.5 46.0 85.4





#22

2-Butanone

Concen: 16.188 ug/L

RT: 3.883 min Scan# 80

Delta R.T. 0.019 min

Lab File: VV034470.D

Acq: 29 Feb 2024 09:33

Instrument :

MSVOA_V

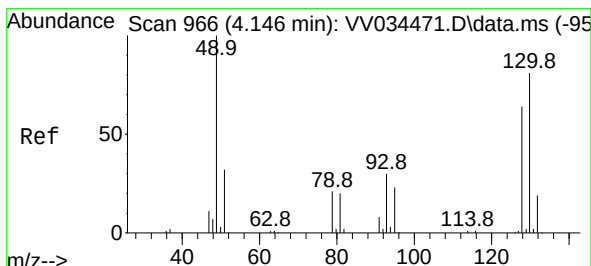
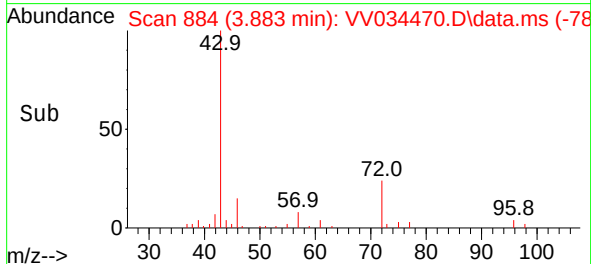
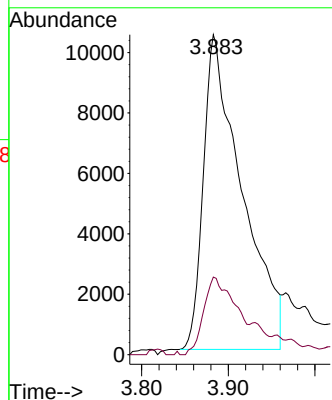
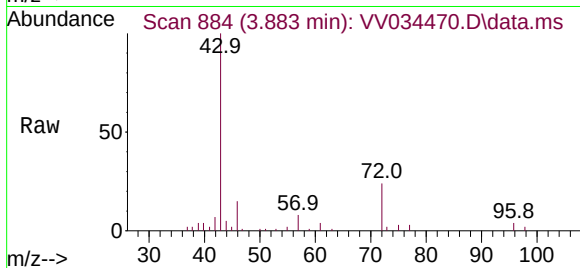
ClientSampleId :

Tgt Ion: 43 Resp: 32212

Ion Ratio Lower Upper

43 100

72 11.2 11.5 34.4#



#23

Bromochloromethane

Concen: 10.020 ug/L

RT: 4.150 min Scan# 967

Delta R.T. 0.003 min

Lab File: VV034470.D

Acq: 29 Feb 2024 09:33

Tgt Ion: 128 Resp: 11987

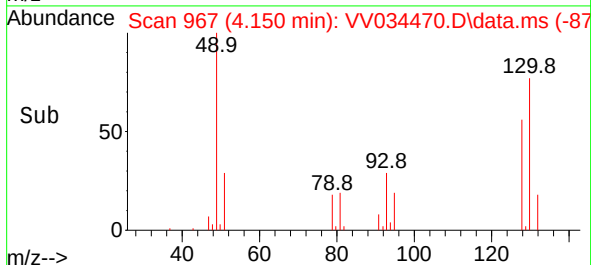
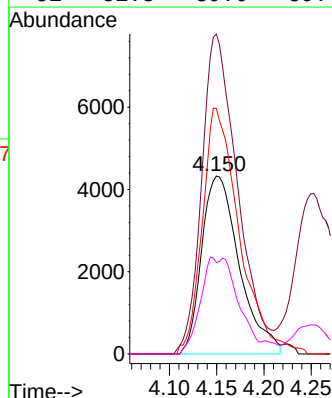
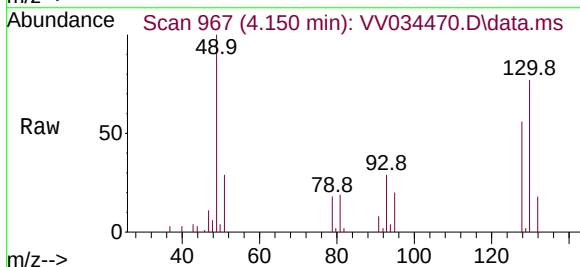
Ion Ratio Lower Upper

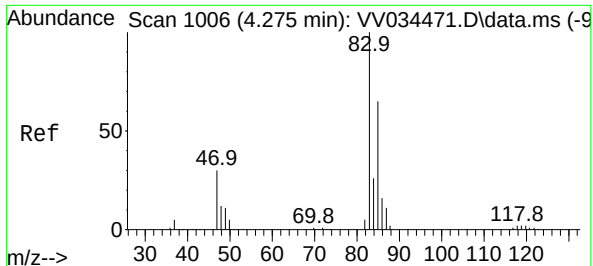
128 100

49 179.8 109.4 203.2

130 137.9 87.7 162.9

51 51.3 39.6 59.4





#25

Chloroform

Concen: 10.507 ug/L

RT: 4.275 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV034470.D

Acq: 29 Feb 2024 09:33

Instrument :

MSVOA_V

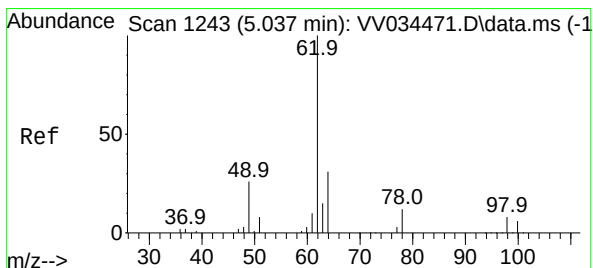
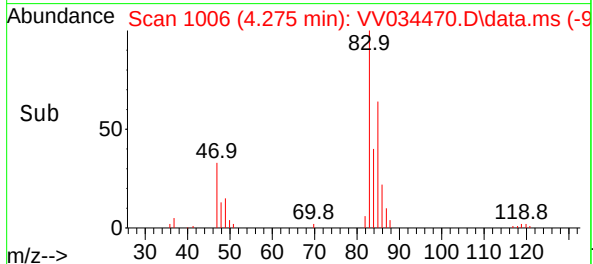
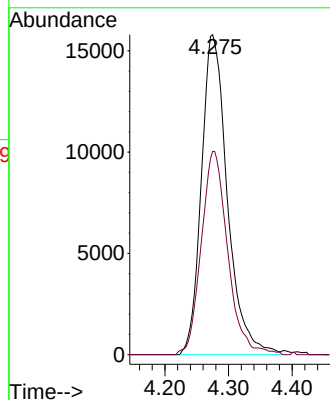
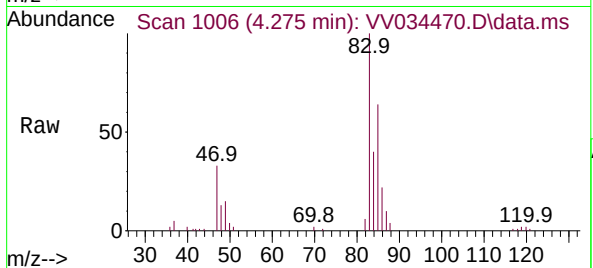
ClientSampleId :

Tgt Ion: 83 Resp: 44829

Ion Ratio Lower Upper

83 100

85 63.6 45.5 84.5



#27

1,2-Dichloroethane

Concen: 9.916 ug/L

RT: 5.043 min Scan# 1245

Delta R.T. 0.006 min

Lab File: VV034470.D

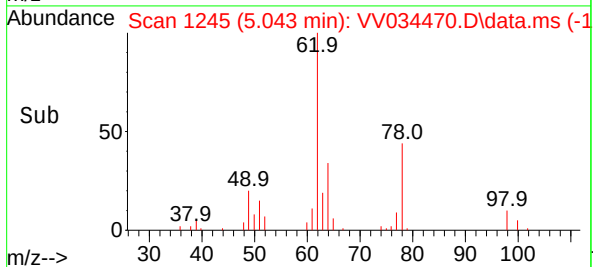
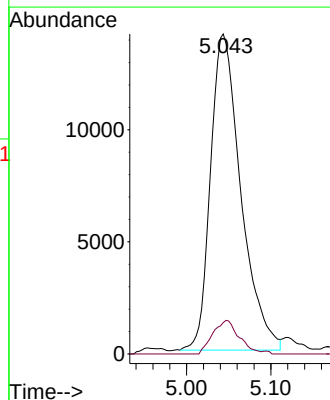
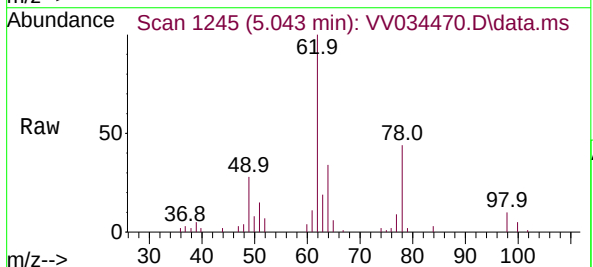
Acq: 29 Feb 2024 09:33

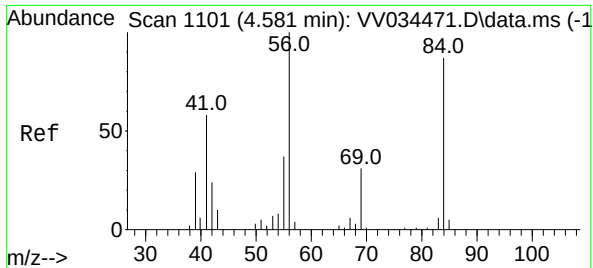
Tgt Ion: 62 Resp: 35318

Ion Ratio Lower Upper

62 100

98 9.8 6.6 10.0





#29

Cyclohexane

Concen: 8.838 ug/L

RT: 4.580 min Scan# 1101

Delta R.T. -0.000 min

Lab File: VV034470.D

Acq: 29 Feb 2024 09:33

Instrument :

MSVOA_V

ClientSampleId :

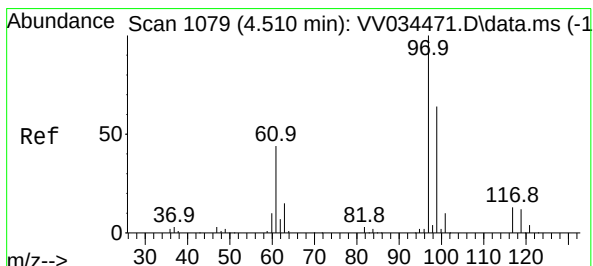
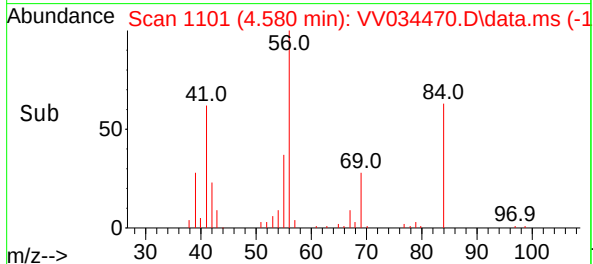
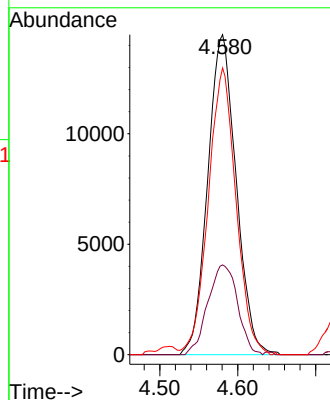
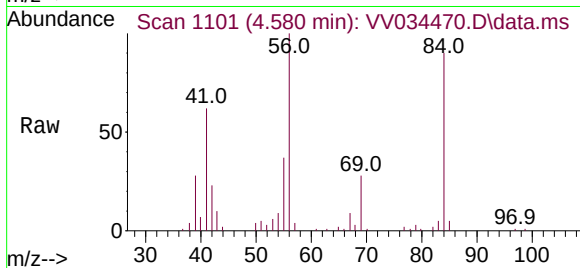
Tgt Ion: 56 Resp: 36746

Ion Ratio Lower Upper

56 100

69 29.3 24.2 36.4

84 87.3 70.5 105.7



#30

1,1,1-Trichloroethane

Concen: 10.673 ug/L

RT: 4.510 min Scan# 1079

Delta R.T. -0.000 min

Lab File: VV034470.D

Acq: 29 Feb 2024 09:33

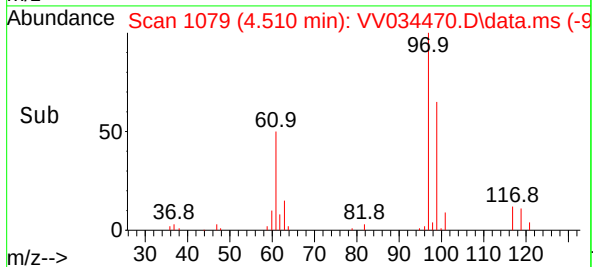
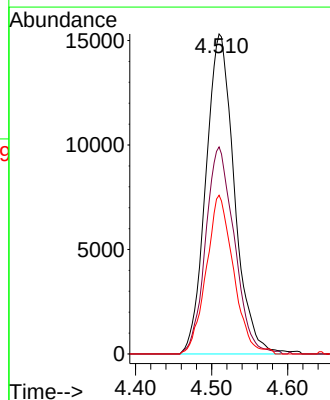
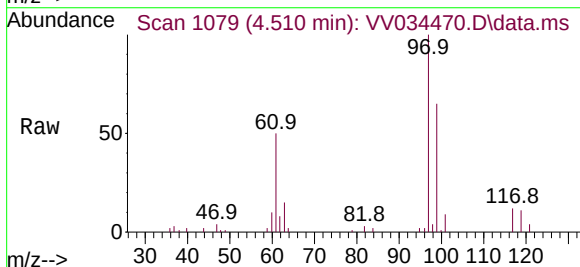
Tgt Ion: 97 Resp: 39809

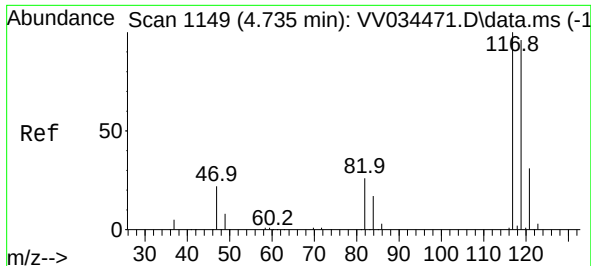
Ion Ratio Lower Upper

97 100

99 65.2 51.3 76.9

61 47.2 36.0 54.0

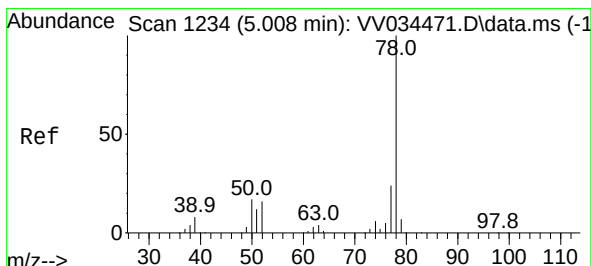
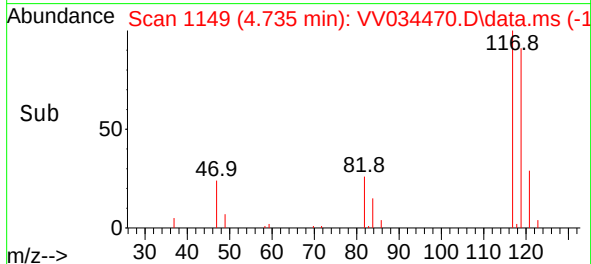
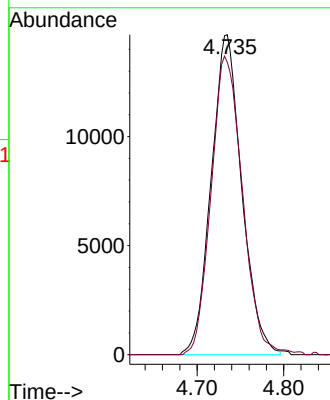
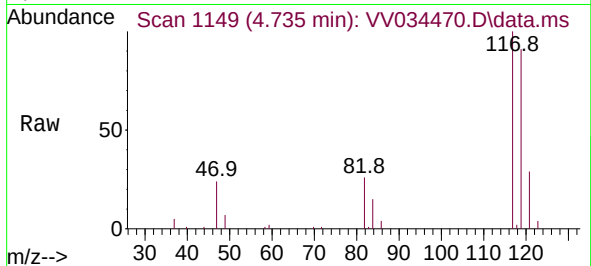




#31
Carbon tetrachloride
Concen: 11.222 ug/L
RT: 4.735 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VV034470.D
Acq: 29 Feb 2024 09:33

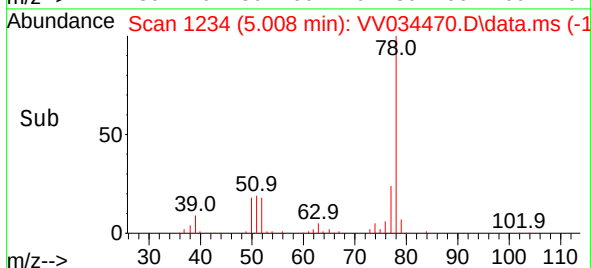
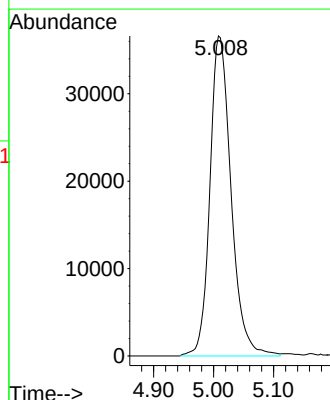
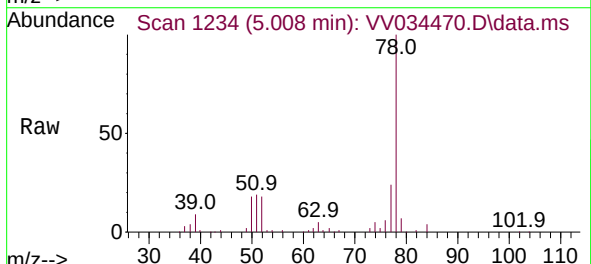
Instrument :
MSVOA_V
ClientSampleId :

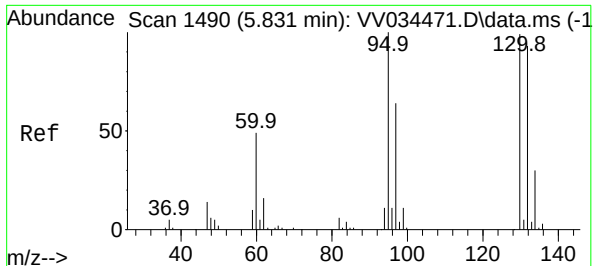
Tgt Ion:117 Resp: 35921
Ion Ratio Lower Upper
117 100
119 95.5 77.5 116.3



#33
Benzene
Concen: 10.124 ug/L
RT: 5.008 min Scan# 1234
Delta R.T. -0.000 min
Lab File: VV034470.D
Acq: 29 Feb 2024 09:33

Tgt Ion: 78 Resp: 89822





#34

Trichloroethene

Concen: 10.559 ug/L

RT: 5.834 min Scan# 1490

Delta R.T. 0.003 min

Lab File: VV034470.D

Acq: 29 Feb 2024 09:33

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 25346

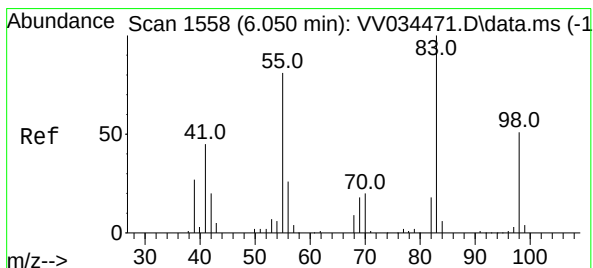
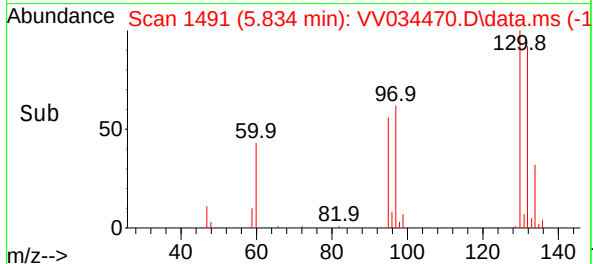
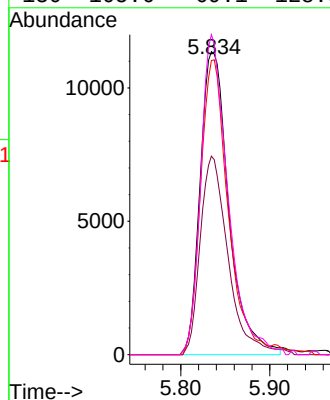
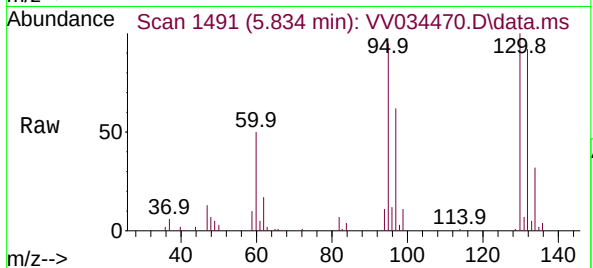
Ion Ratio Lower Upper

95 100

97 65.5 44.7 83.1

132 97.0 65.3 121.3

130 105.6 69.1 128.3



#35

Methylcyclohexane

Concen: 9.413 ug/L

RT: 6.047 min Scan# 1557

Delta R.T. -0.003 min

Lab File: VV034470.D

Acq: 29 Feb 2024 09:33

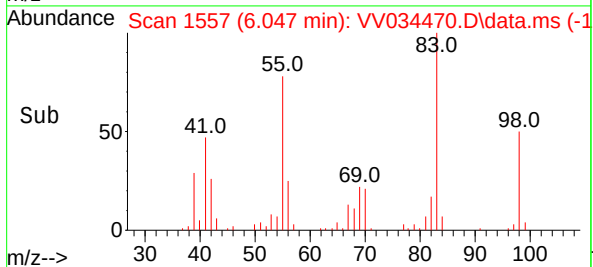
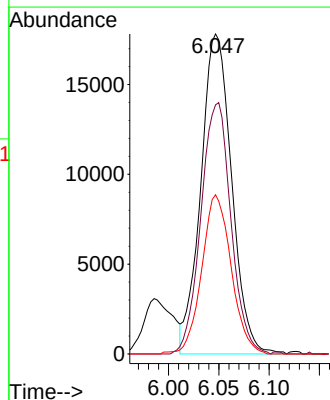
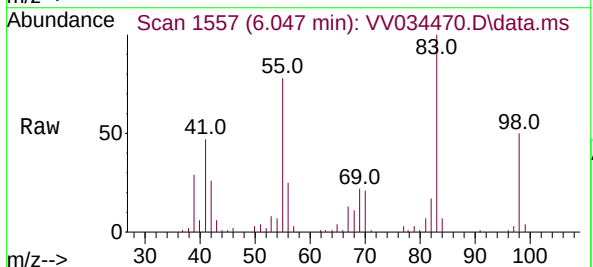
Tgt Ion: 83 Resp: 37996

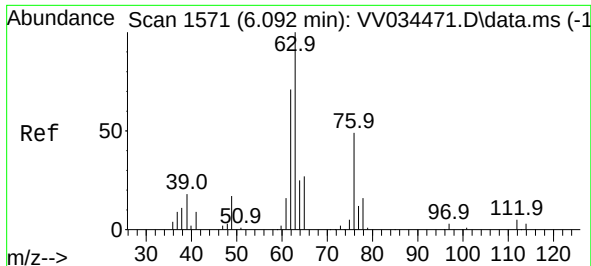
Ion Ratio Lower Upper

83 100

55 76.6 62.6 94.0

98 47.5 39.5 59.3





#37

1,2-Dichloropropane

Concen: 9.294 ug/L

RT: 6.095 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV034470.D

Acq: 29 Feb 2024 09:33

Instrument :

MSVOA_V

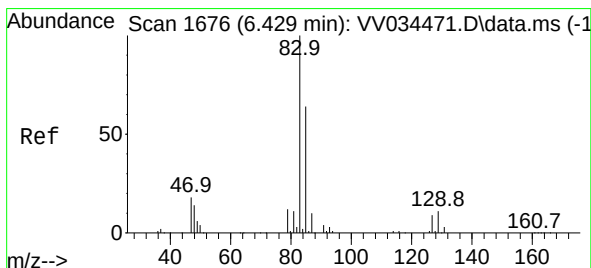
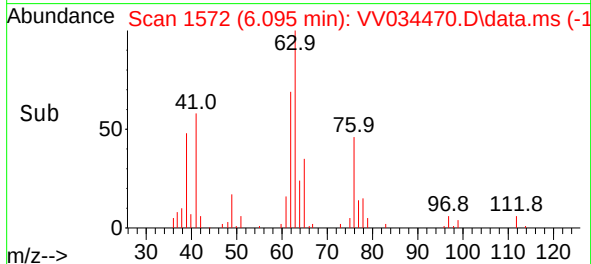
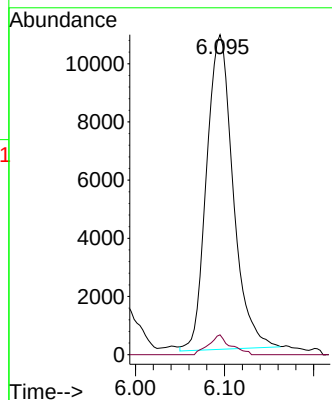
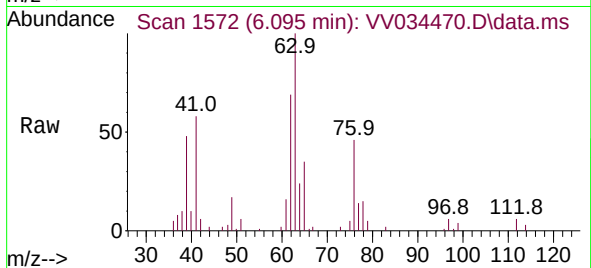
ClientSampleId :

Tgt Ion: 63 Resp: 22375

Ion Ratio Lower Upper

63 100

112 5.1 3.5 5.3



#38

Bromodichloromethane

Concen: 9.714 ug/L

RT: 6.432 min Scan# 1677

Delta R.T. 0.003 min

Lab File: VV034470.D

Acq: 29 Feb 2024 09:33

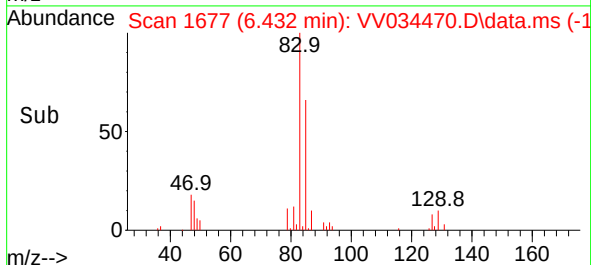
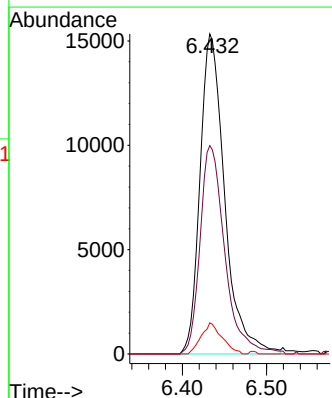
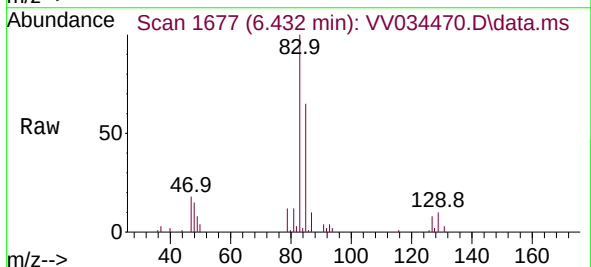
Tgt Ion: 83 Resp: 31226

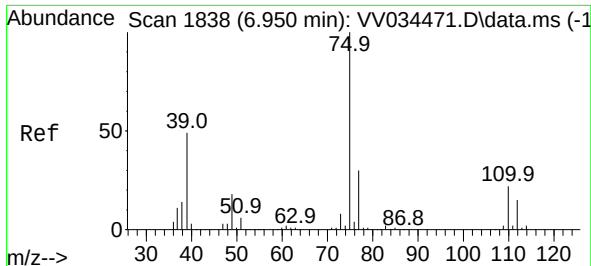
Ion Ratio Lower Upper

83 100

85 65.1 44.6 82.8

127 9.7 6.9 10.3

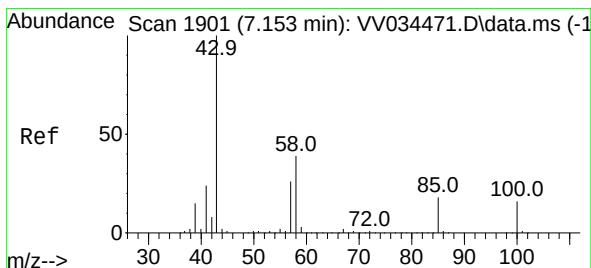
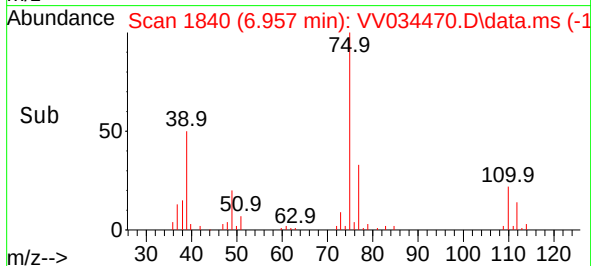
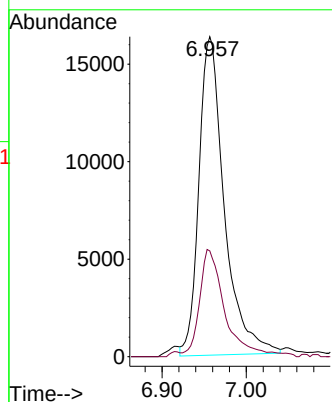
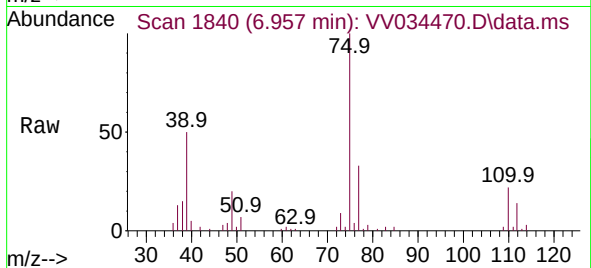




#39
cis-1,3-Dichloropropene
Concen: 8.441 ug/L
RT: 6.957 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV034470.D
Acq: 29 Feb 2024 09:33

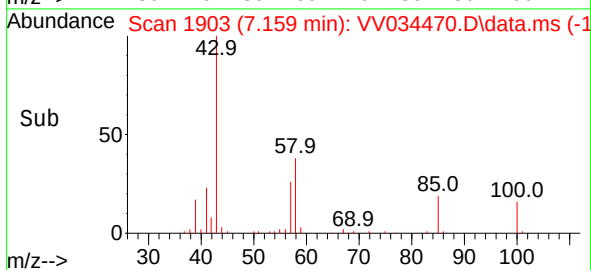
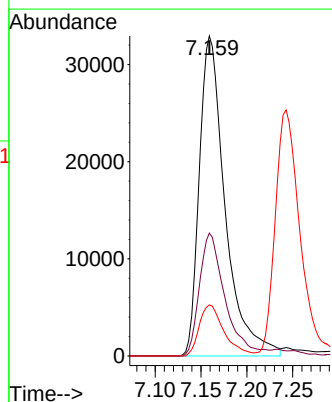
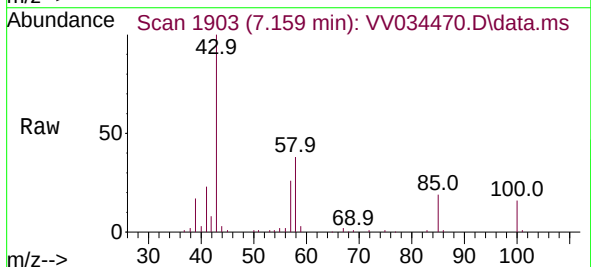
Instrument :
MSVOA_V
ClientSampleId :

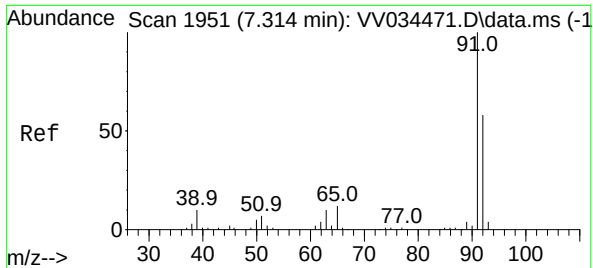
Tgt Ion: 75 Resp: 34303
Ion Ratio Lower Upper
75 100
77 33.0 20.9 38.9



#40
4-Methyl-2-pentanone
Concen: 18.051 ug/L
RT: 7.159 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VV034470.D
Acq: 29 Feb 2024 09:33

Tgt Ion: 43 Resp: 64562
Ion Ratio Lower Upper
43 100
58 37.5 30.6 46.0
100 15.3 12.5 18.7





#42

Toluene

Concen: 10.104 ug/L

RT: 7.317 min Scan# 1951

Delta R.T. 0.003 min

Lab File: VV034470.D

Acq: 29 Feb 2024 09:33

Instrument :

MSVOA_V

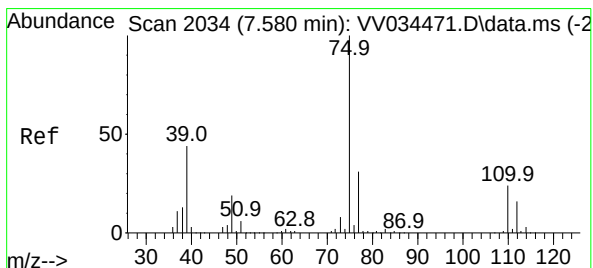
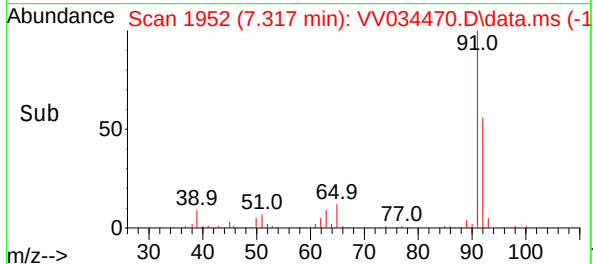
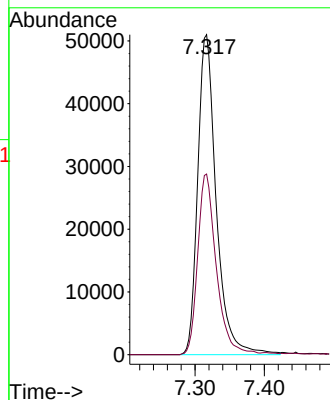
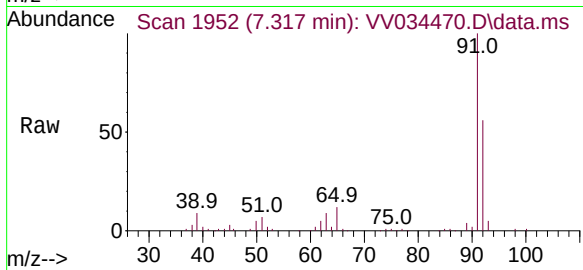
ClientSampleId :

Tgt Ion: 91 Resp: 94948

Ion Ratio Lower Upper

91 100

92 56.4 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 8.825 ug/L

RT: 7.587 min Scan# 2036

Delta R.T. 0.006 min

Lab File: VV034470.D

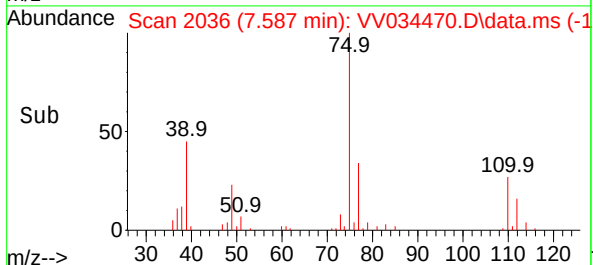
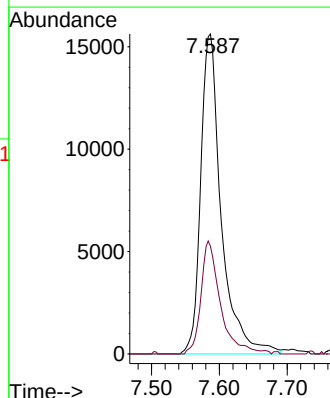
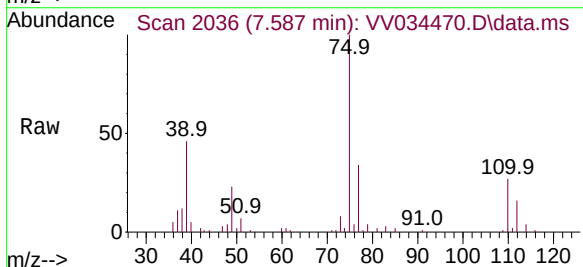
Acq: 29 Feb 2024 09:33

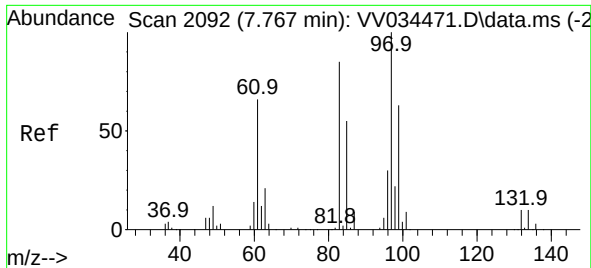
Tgt Ion: 75 Resp: 32870

Ion Ratio Lower Upper

75 100

77 33.6 21.8 40.4





#45

1,1,2-Trichloroethane

Concen: 10.029 ug/L

RT: 7.767 min Scan# 2092

Delta R.T. -0.000 min

Lab File: VV034470.D

Acq: 29 Feb 2024 09:33

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 22206

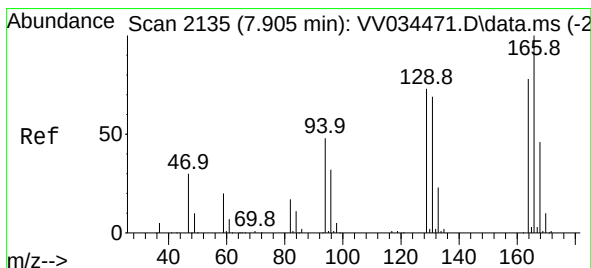
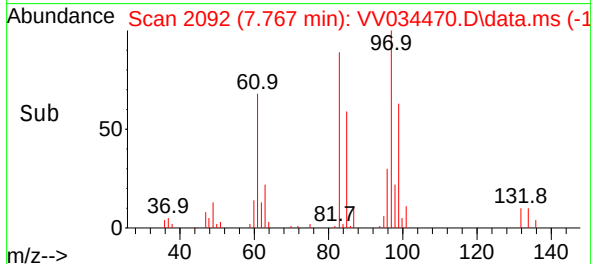
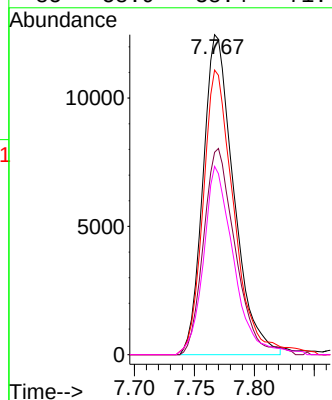
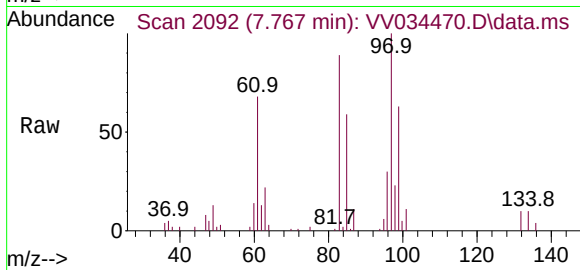
Ion Ratio Lower Upper

97 100

99 63.2 43.8 81.4

83 88.9 59.4 110.2

85 58.9 38.4 71.4



#46

Tetrachloroethene

Concen: 10.905 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. -0.000 min

Lab File: VV034470.D

Acq: 29 Feb 2024 09:33

Tgt Ion: 164 Resp: 19315

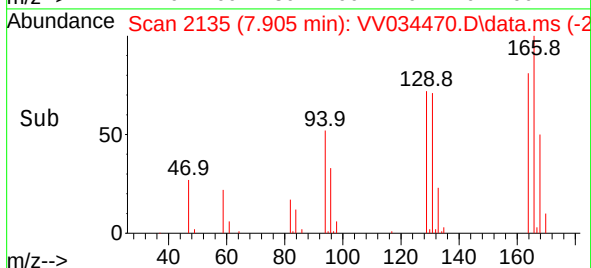
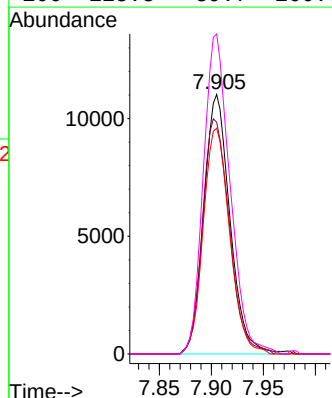
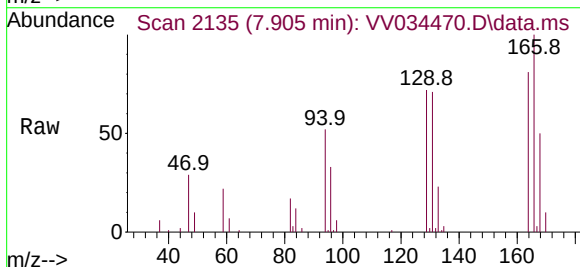
Ion Ratio Lower Upper

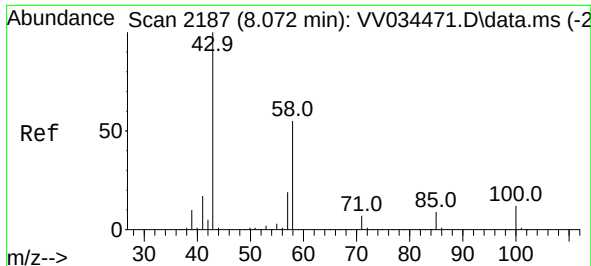
164 100

129 89.2 65.7 121.9

131 87.0 62.2 115.6

166 123.3 89.7 166.7





#48

2-Hexanone

Concen: 17.927 ug/L

RT: 8.079 min Scan# 2187

Delta R.T. 0.006 min

Lab File: VV034470.D

Acq: 29 Feb 2024 09:33

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 43 Resp: 51294

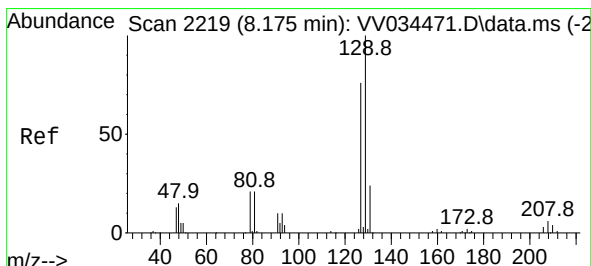
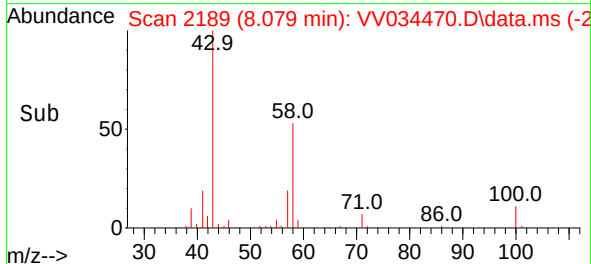
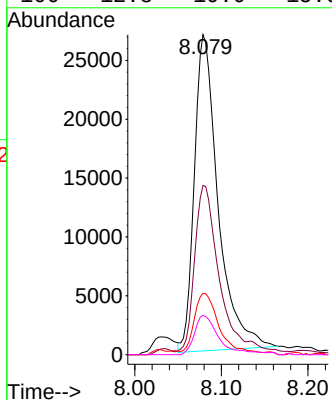
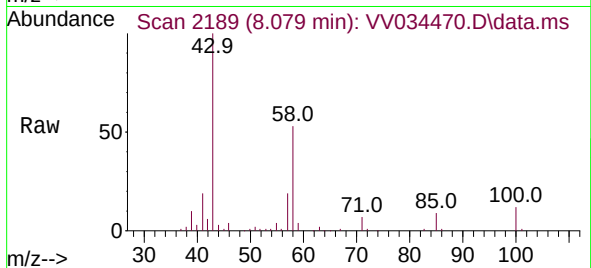
Ion Ratio Lower Upper

43 100

58 51.7 42.0 63.0

57 20.5 15.2 22.8

100 12.8 10.0 15.0



#49

Dibromochloromethane

Concen: 10.060 ug/L

RT: 8.175 min Scan# 2219

Delta R.T. -0.000 min

Lab File: VV034470.D

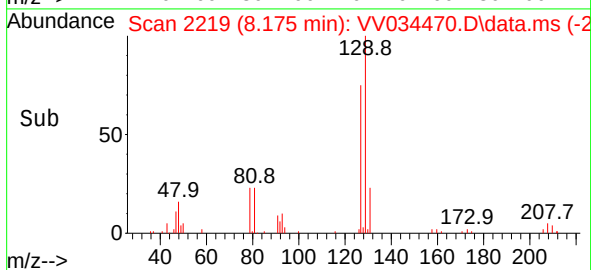
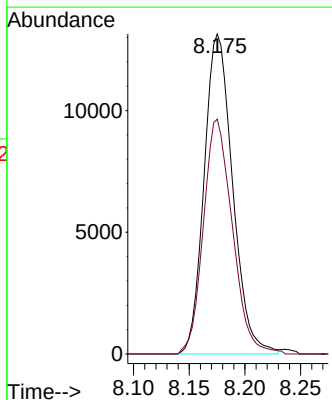
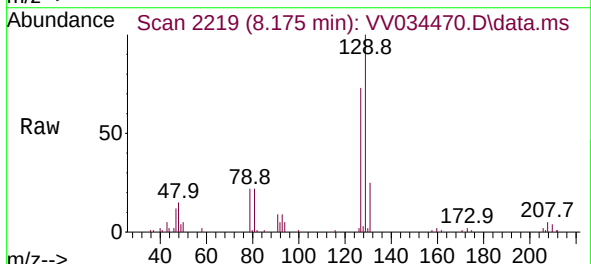
Acq: 29 Feb 2024 09:33

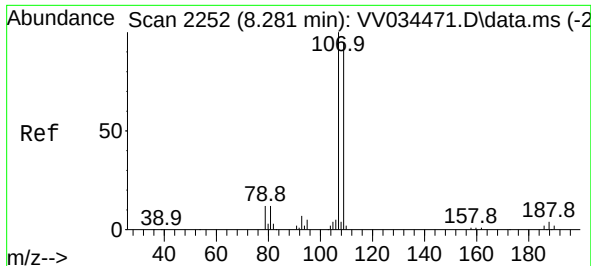
Tgt Ion:129 Resp: 23390

Ion Ratio Lower Upper

129 100

127 73.4 53.3 98.9

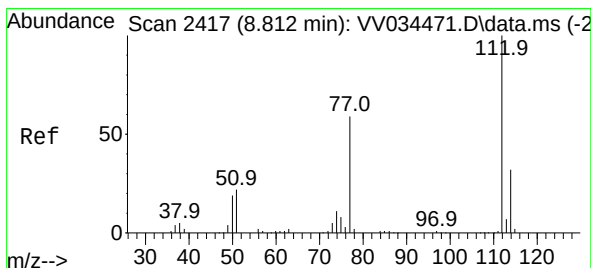
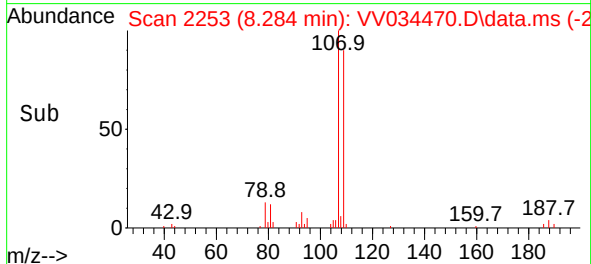
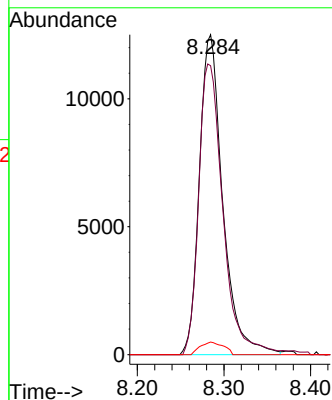
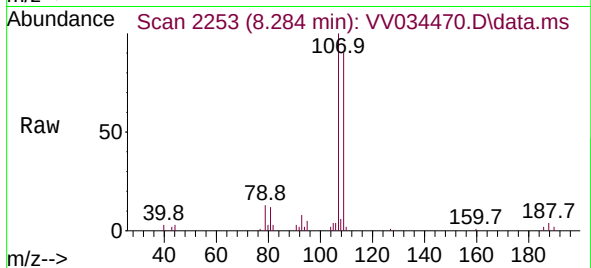




#50
1,2-Dibromoethane
Concen: 10.003 ug/L
RT: 8.284 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV034470.D
Acq: 29 Feb 2024 09:33

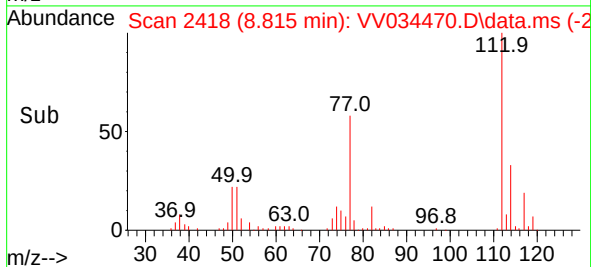
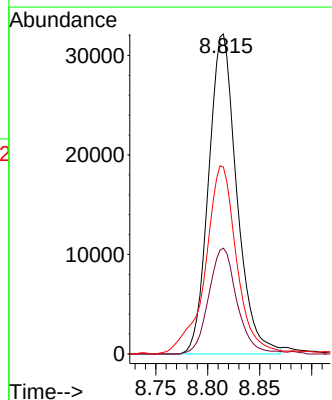
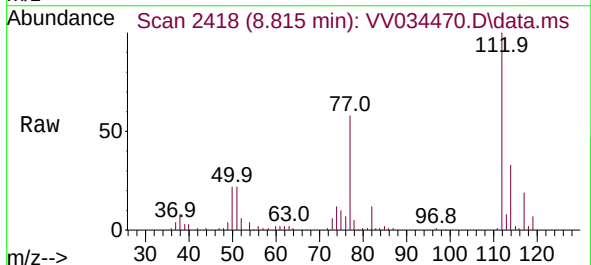
Instrument :
MSVOA_V
ClientSampleId :

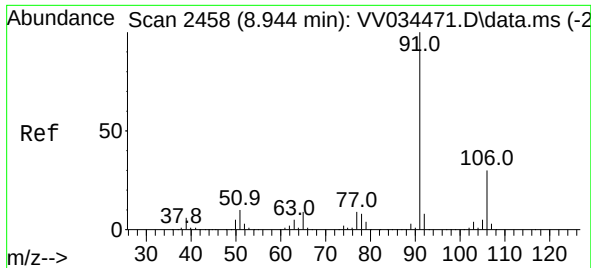
Tgt Ion:107 Resp: 23466
Ion Ratio Lower Upper
107 100
109 90.3 66.5 123.5
188 3.9 3.4 5.2



#51
Chlorobenzene
Concen: 10.155 ug/L
RT: 8.815 min Scan# 2418
Delta R.T. 0.003 min
Lab File: VV034470.D
Acq: 29 Feb 2024 09:33

Tgt Ion:112 Resp: 60552
Ion Ratio Lower Upper
112 100
114 33.0 22.3 41.5
77 58.4 47.7 71.5





#52

Ethylbenzene

Concen: 9.471 ug/L

RT: 8.947 min Scan# 2458

Delta R.T. 0.003 min

Lab File: VV034470.D

Acq: 29 Feb 2024 09:33

Instrument :

MSVOA_V

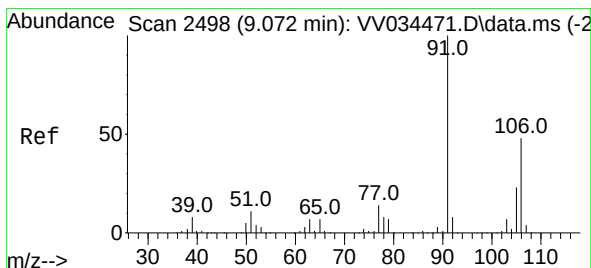
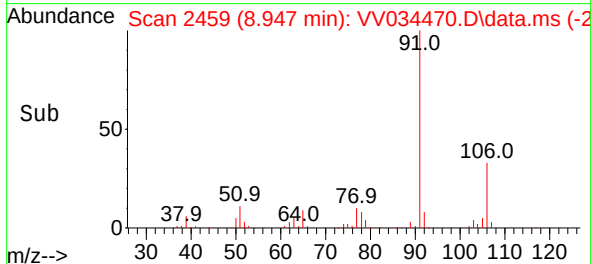
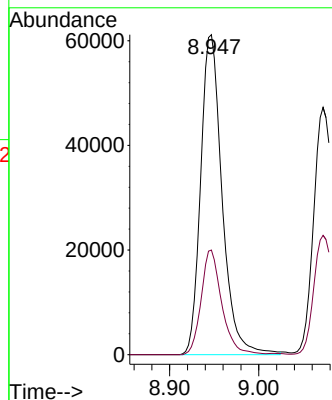
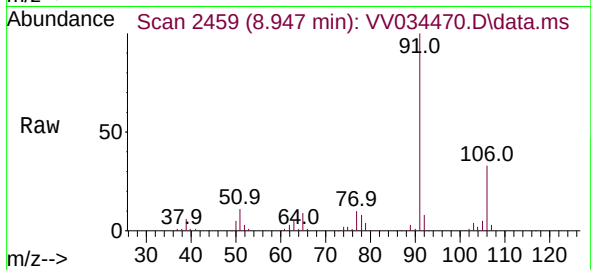
ClientSampleId :

Tgt Ion: 91 Resp: 102421

Ion Ratio Lower Upper

91 100

106 32.7 21.3 39.5



#53

m,p-Xylene

Concen: 9.746 ug/L

RT: 9.072 min Scan# 2498

Delta R.T. -0.000 min

Lab File: VV034470.D

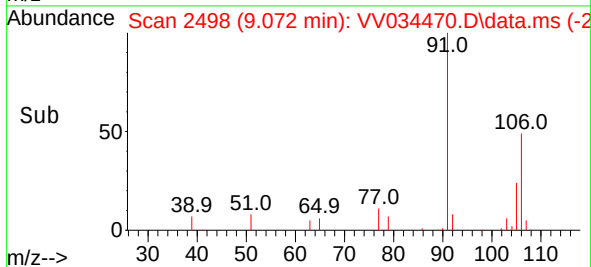
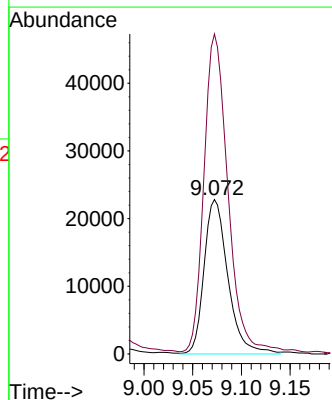
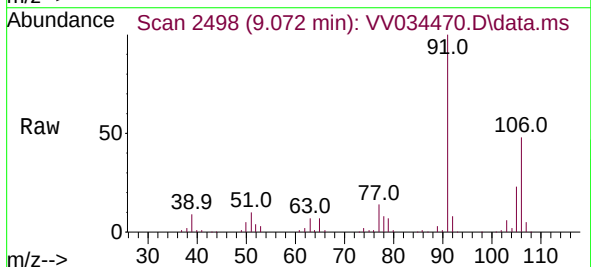
Acq: 29 Feb 2024 09:33

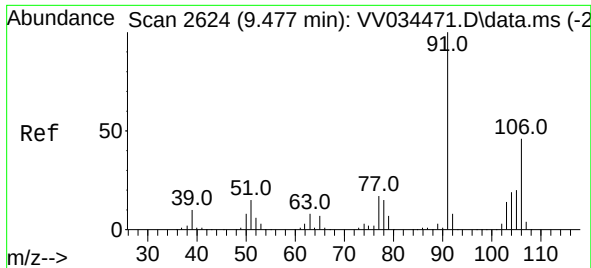
Tgt Ion:106 Resp: 38840

Ion Ratio Lower Upper

106 100

91 207.3 145.3 269.9

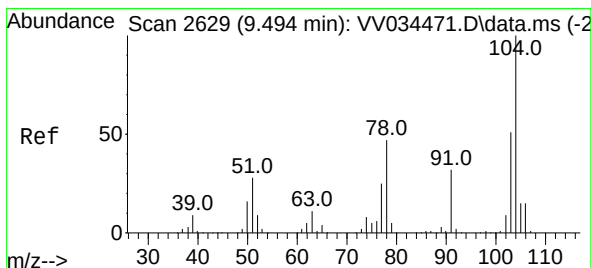
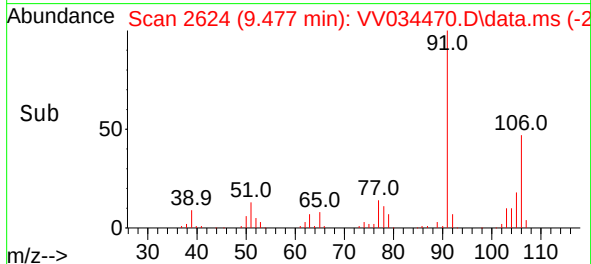
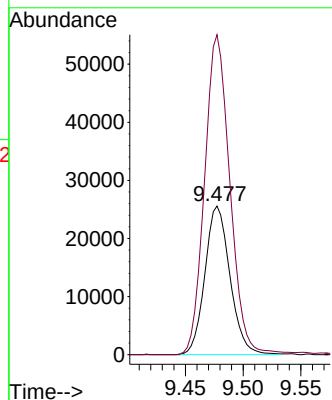
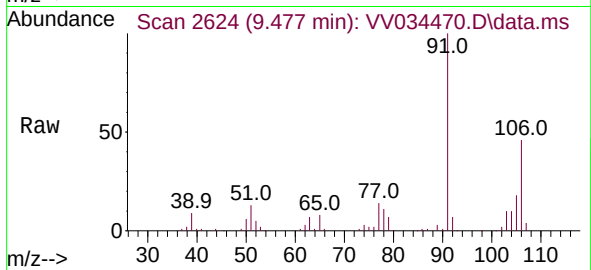




#54
o-Xylene
Concen: 9.779 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. -0.000 min
Lab File: VV034470.D
Acq: 29 Feb 2024 09:33

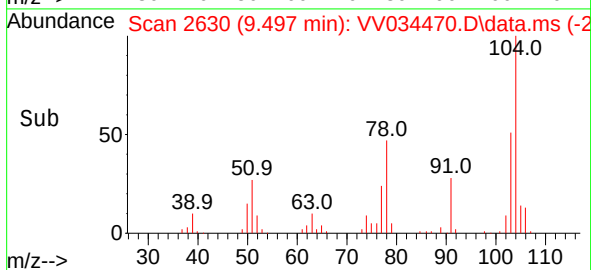
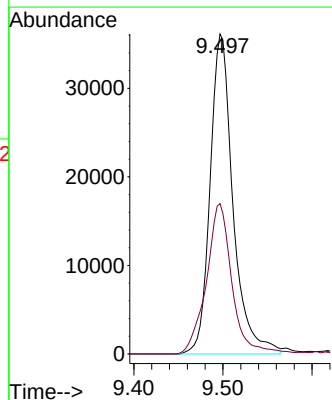
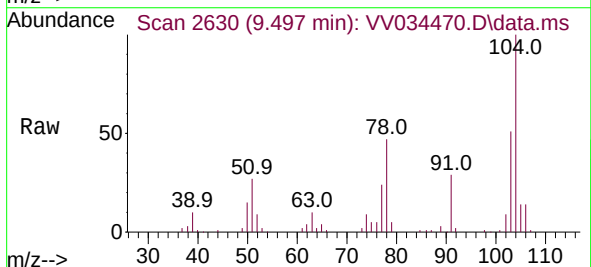
Instrument :
MSVOA_V
ClientSampleId :

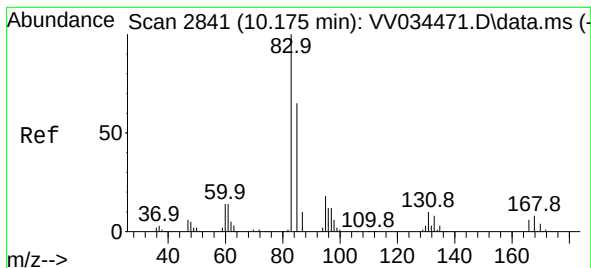
Tgt Ion:106 Resp: 38729
Ion Ratio Lower Upper
106 100
91 215.4 152.2 282.7



#55
Styrene
Concen: 9.451 ug/L
RT: 9.497 min Scan# 2630
Delta R.T. 0.003 min
Lab File: VV034470.D
Acq: 29 Feb 2024 09:33

Tgt Ion:104 Resp: 64428
Ion Ratio Lower Upper
104 100
78 47.0 33.0 61.4





#57

1,1,2,2-Tetrachloroethane

Concen: 9.593 ug/L

RT: 10.175 min Scan# 2841

Delta R.T. -0.000 min

Lab File: VV034470.D

Acq: 29 Feb 2024 09:33

Instrument :

MSVOA_V

ClientSampleId :

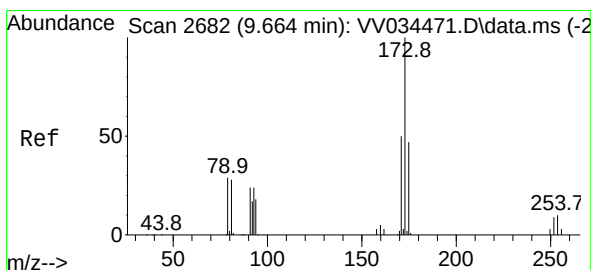
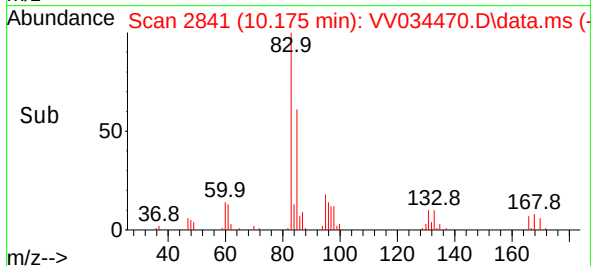
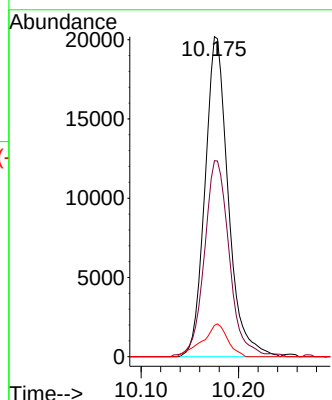
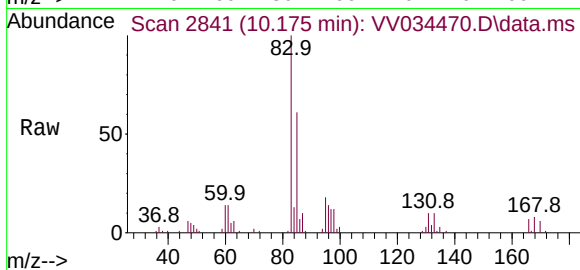
Tgt Ion: 83 Resp: 33507

Ion Ratio Lower Upper

83 100

85 61.2 45.4 84.2

131 9.8 8.3 12.5



#59

Bromoform

Concen: 9.392 ug/L

RT: 9.664 min Scan# 2682

Delta R.T. -0.000 min

Lab File: VV034470.D

Acq: 29 Feb 2024 09:33

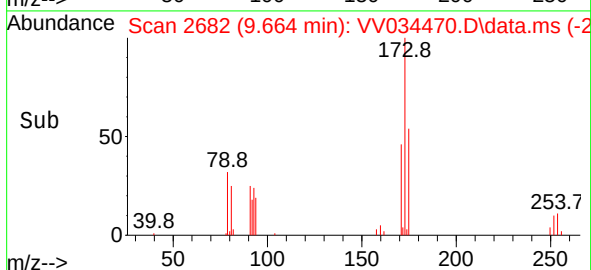
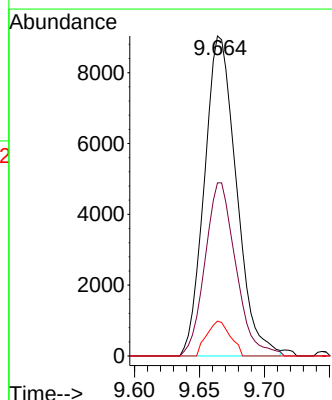
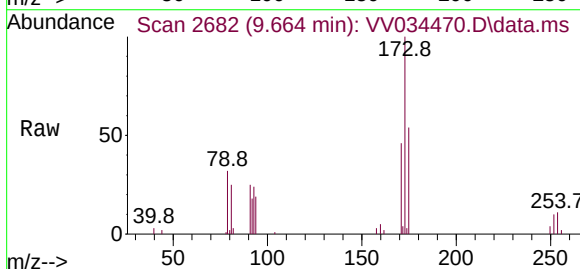
Tgt Ion: 173 Resp: 15483

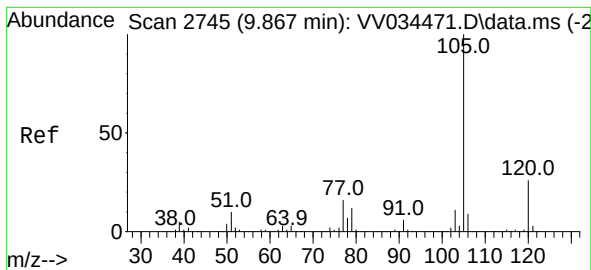
Ion Ratio Lower Upper

173 100

175 52.3 39.1 58.7

254 8.0 7.8 11.8





#60

Isopropylbenzene

Concen: 9.957 ug/L

RT: 9.866 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV034470.D

Acq: 29 Feb 2024 09:33

Instrument :

MSVOA_V

ClientSampleId :

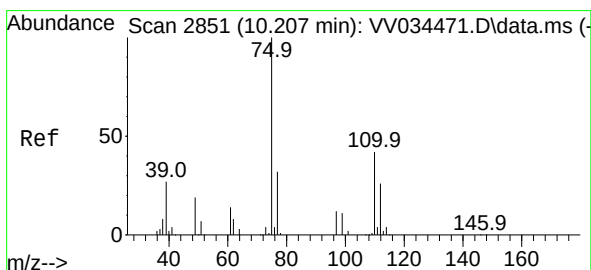
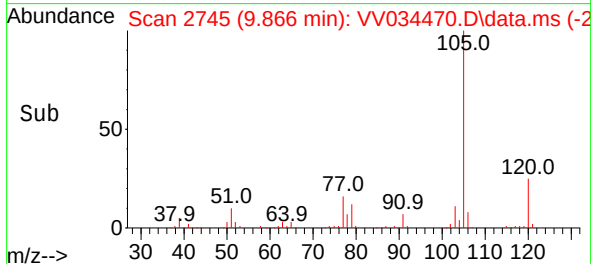
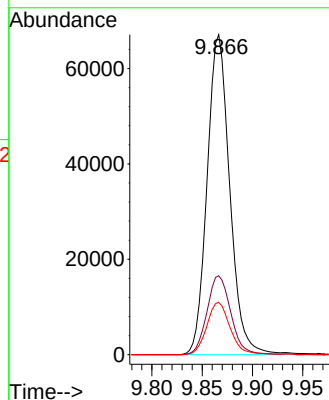
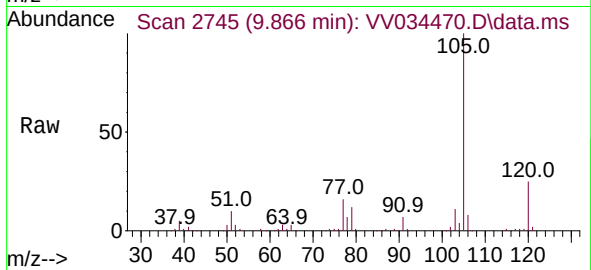
Tgt Ion:105 Resp: 104973

Ion Ratio Lower Upper

105 100

120 25.9 20.8 31.2

77 16.9 13.0 19.6



#61

1,2,3-Trichloropropane

Concen: 10.527 ug/L

RT: 10.207 min Scan# 2851

Delta R.T. -0.000 min

Lab File: VV034470.D

Acq: 29 Feb 2024 09:33

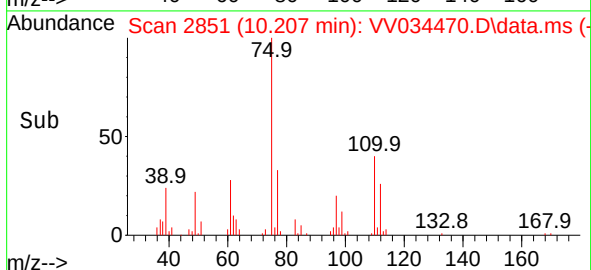
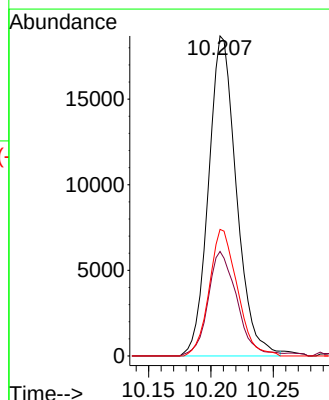
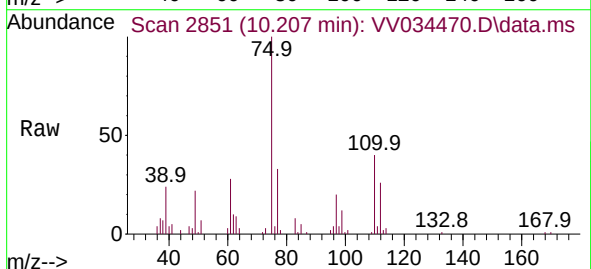
Tgt Ion: 75 Resp: 29136

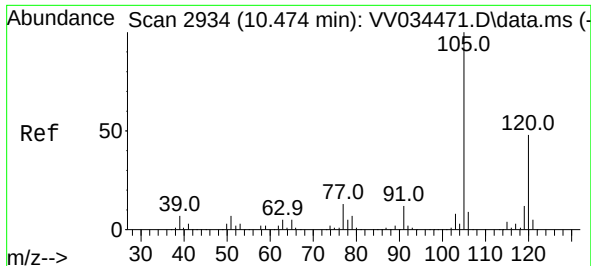
Ion Ratio Lower Upper

75 100

77 33.8 25.9 38.9

110 39.7 33.1 49.7





#62

1,3,5-Trimethylbenzene

Concen: 9.512 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. -0.000 min

Lab File: VV034470.D

Acq: 29 Feb 2024 09:33

Instrument :

MSVOA_V

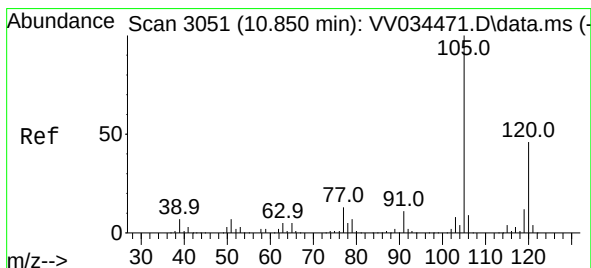
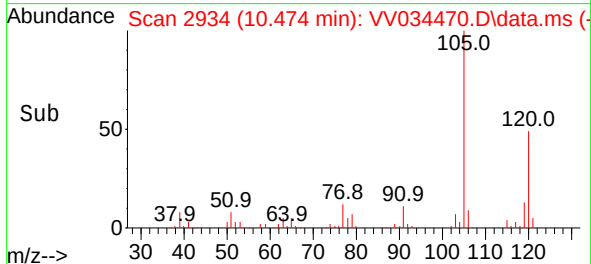
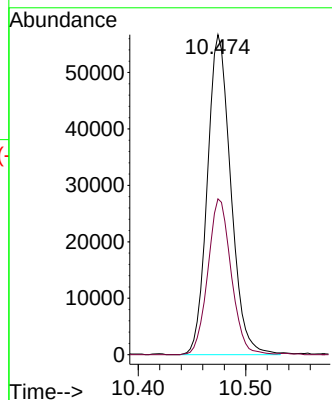
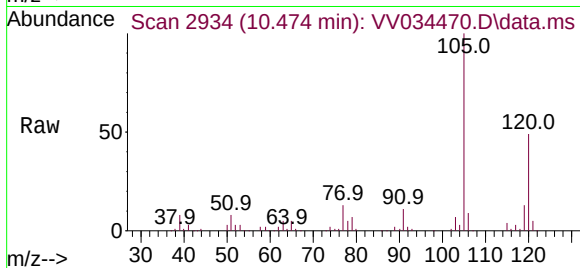
ClientSampleId :

Tgt Ion:105 Resp: 86018

Ion Ratio Lower Upper

105 100

120 48.3 38.2 57.2



#63

1,2,4-Trimethylbenzene

Concen: 9.409 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. -0.000 min

Lab File: VV034470.D

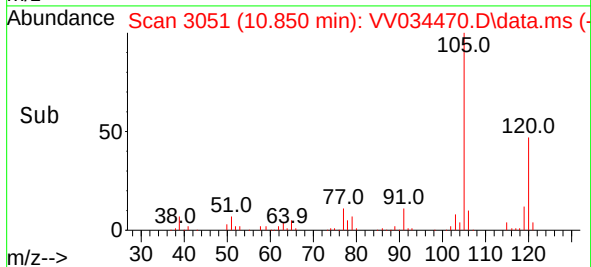
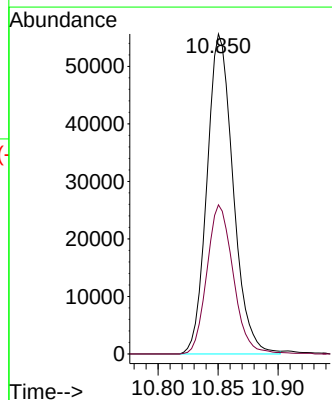
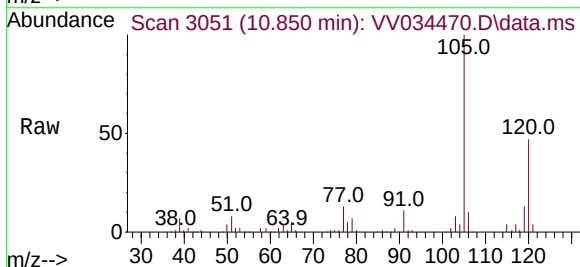
Acq: 29 Feb 2024 09:33

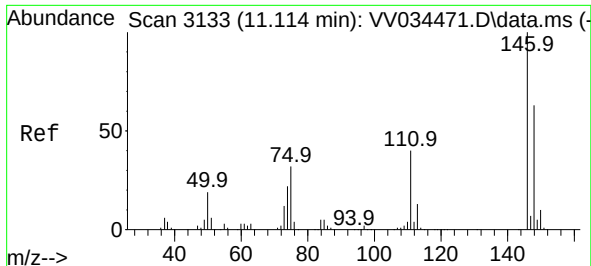
Tgt Ion:105 Resp: 84381

Ion Ratio Lower Upper

105 100

120 46.8 36.2 54.4





#64

1,3-Dichlorobenzene

Concen: 10.089 ug/L

RT: 11.117 min Scan# 3133

Delta R.T. 0.003 min

Lab File: VV034470.D

Acq: 29 Feb 2024 09:33

Instrument :

MSVOA_V

ClientSampleId :

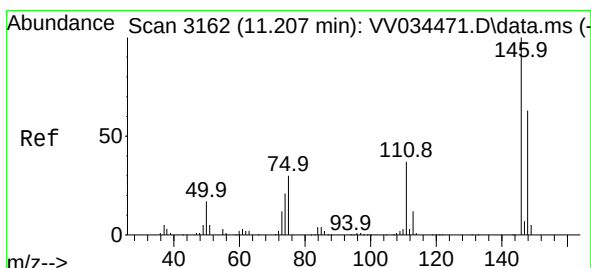
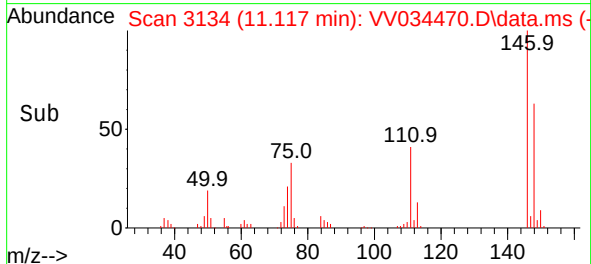
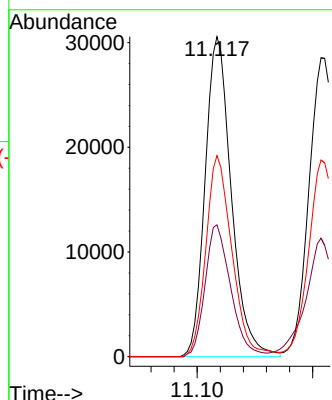
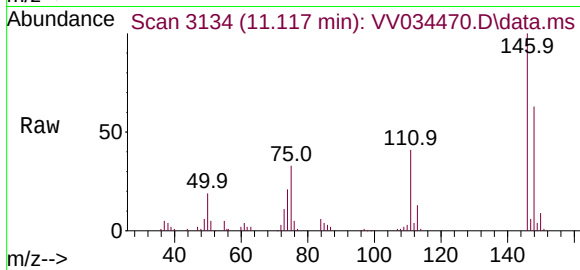
Tgt Ion:146 Resp: 48189

Ion Ratio Lower Upper

146 100

111 41.2 27.9 51.7

148 62.9 44.2 82.0



#65

1,4-Dichlorobenzene

Concen: 10.112 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. -0.000 min

Lab File: VV034470.D

Acq: 29 Feb 2024 09:33

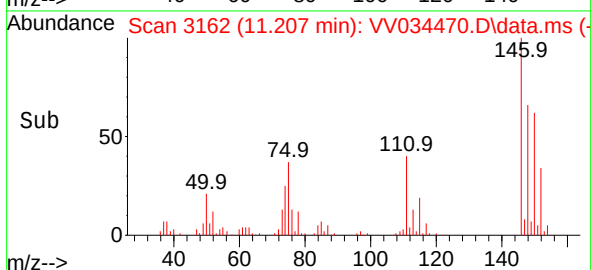
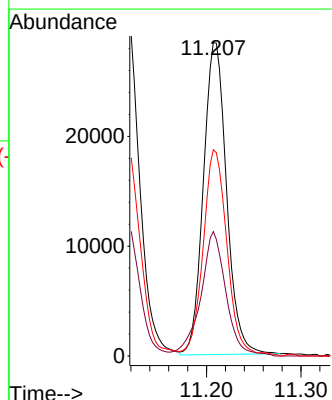
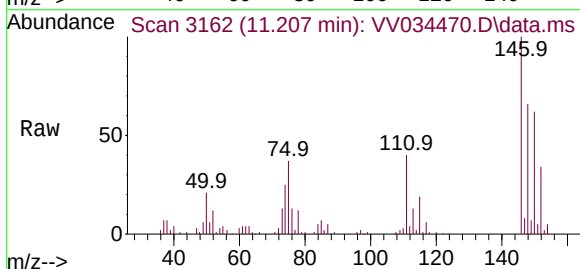
Tgt Ion:146 Resp: 48433

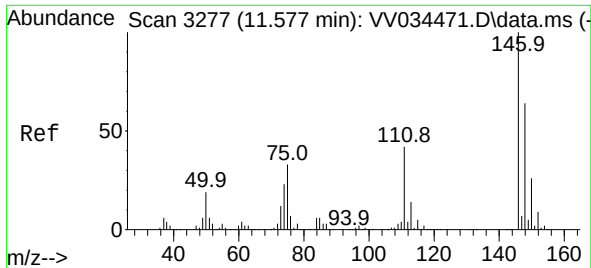
Ion Ratio Lower Upper

146 100

111 39.7 26.5 49.1

148 65.8 44.0 81.8





#67

1,2-Dichlorobenzene

Concen: 10.619 ug/L

RT: 11.580 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV034470.D

Acq: 29 Feb 2024 09:33

Instrument :

MSVOA_V

ClientSampleId :

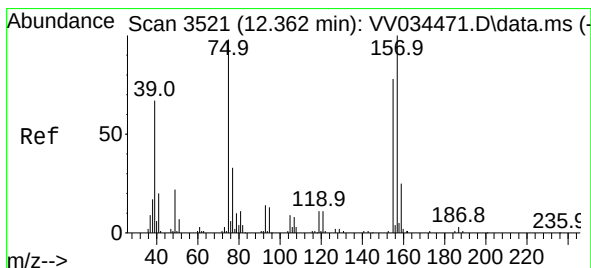
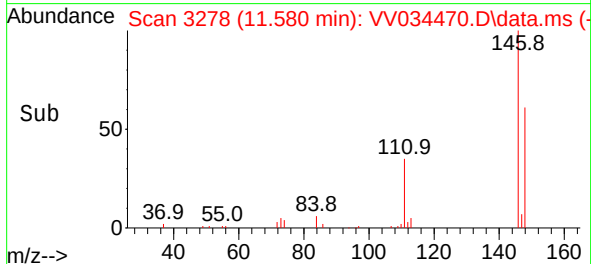
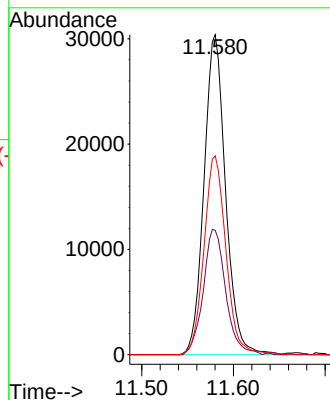
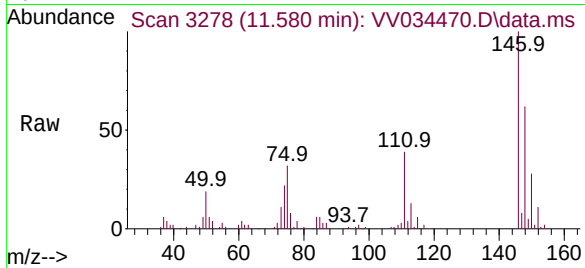
Tgt Ion:146 Resp: 49686

Ion Ratio Lower Upper

146 100

111 38.8 33.8 50.8

148 62.2 51.3 76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 9.742 ug/L

RT: 12.365 min Scan# 3522

Delta R.T. 0.003 min

Lab File: VV034470.D

Acq: 29 Feb 2024 09:33

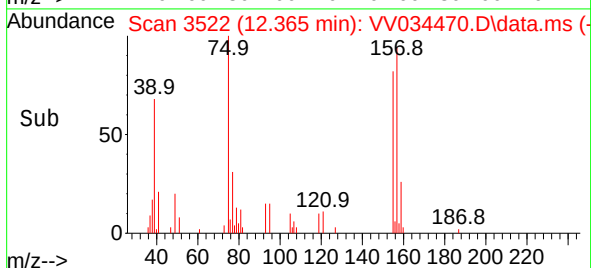
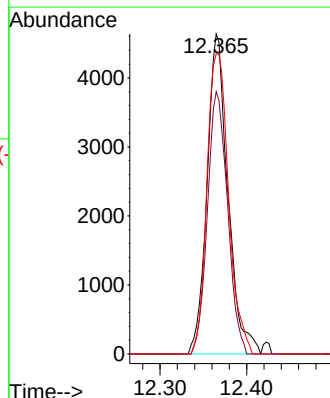
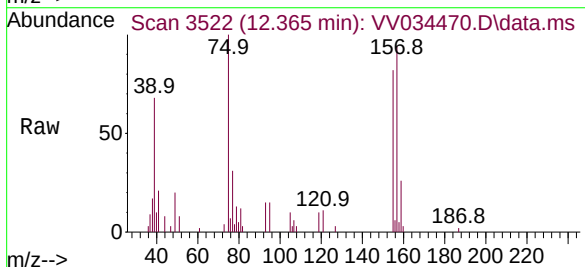
Tgt Ion: 75 Resp: 7828

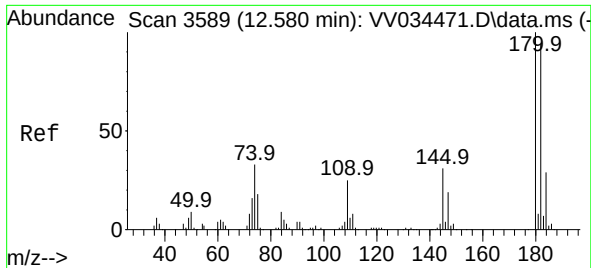
Ion Ratio Lower Upper

75 100

155 81.9 63.3 94.9

157 93.9 81.4 122.0





#69

1,3,5-Trichlorobenzene

Concen: 9.937 ug/L

RT: 12.583 min Scan# 3589

Delta R.T. 0.003 min

Lab File: VV034470.D

Acq: 29 Feb 2024 09:33

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 35168

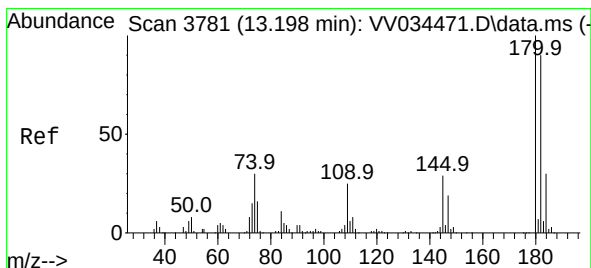
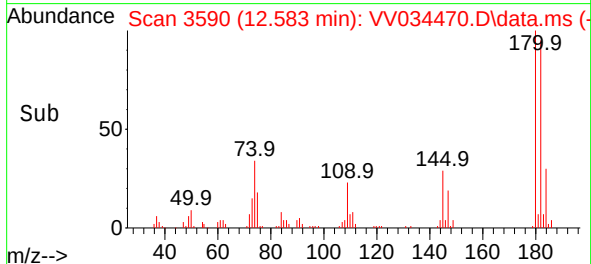
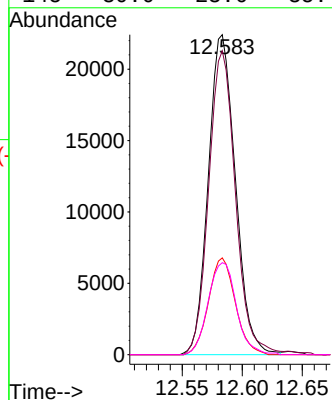
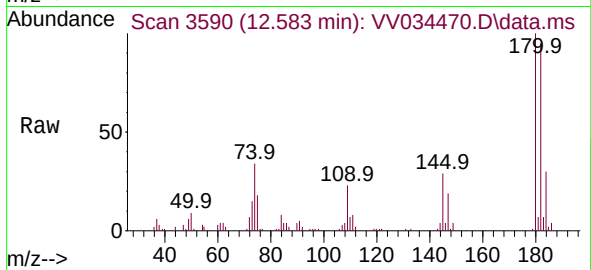
Ion Ratio Lower Upper

180 100

182 93.8 74.6 112.0

184 30.0 23.6 35.4

145 30.0 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 9.518 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. -0.000 min

Lab File: VV034470.D

Acq: 29 Feb 2024 09:33

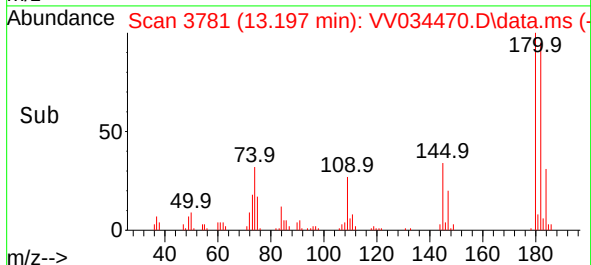
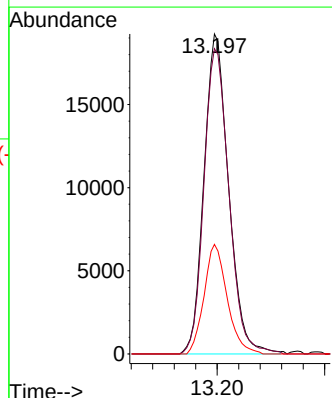
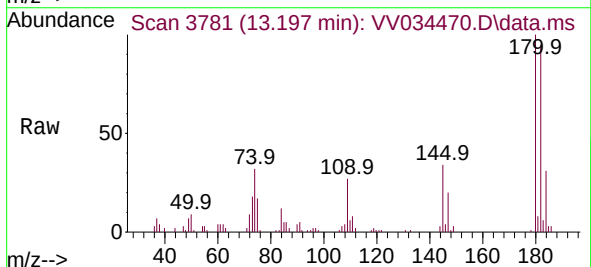
Tgt Ion:180 Resp: 30645

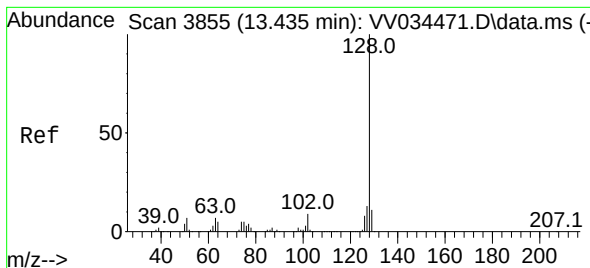
Ion Ratio Lower Upper

180 100

182 96.6 74.8 112.2

145 32.1 24.2 36.4





#71

Naphthalene

Concen: 8.852 ug/L

RT: 13.439 min Scan# 3855

Delta R.T. 0.003 min

Lab File: VV034470.D

Acq: 29 Feb 2024 09:33

Instrument :

MSVOA_V

ClientSampleId :

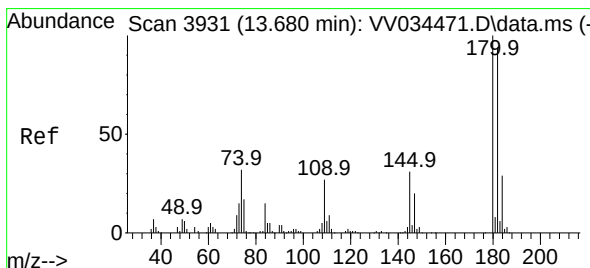
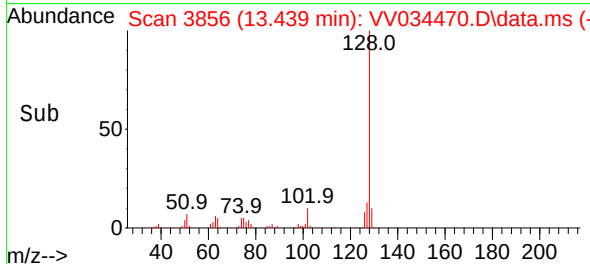
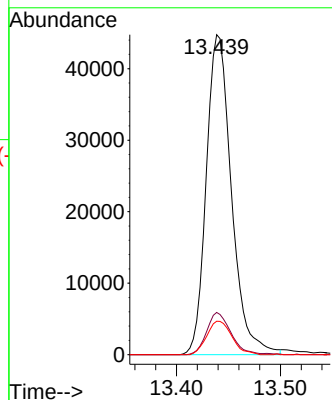
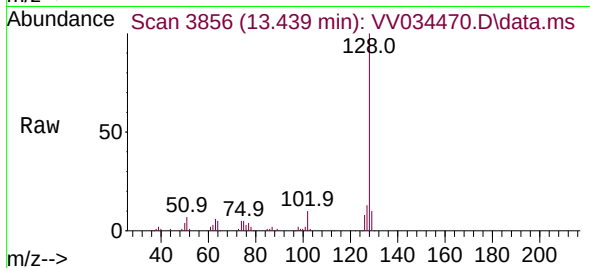
Tgt Ion:128 Resp: 75565

Ion Ratio Lower Upper

128 100

127 12.6 10.3 15.5

129 10.4 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 9.988 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. -0.000 min

Lab File: VV034470.D

Acq: 29 Feb 2024 09:33

Tgt Ion:180 Resp: 30359

Ion Ratio Lower Upper

180 100

182 94.3 75.9 113.9

145 31.6 25.5 38.3

