

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050924\
 Data File : VL041257.D
 Acq On : 9 May 2024 14:29
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: May 10 01:27:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL042924AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri May 10 01:23:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.211	49	783945	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.671	114	2073183	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.484	117	2080067	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.790	95	1539330	9.803	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.000%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.755	85	1266673	11.945	ppbv	100
3) Chlorodifluoromethane	2.700	51	1300665	10.924	ppbv	99
4) Chloromethane	2.838	50	488960	10.466	ppbv	96
5) Vinyl Chloride	2.944	62	496172	10.572	ppbv	100
6) Bromomethane	3.144	94	172290	10.061	ppbv	96
7) Chloroethane	3.221	64	173669	10.481	ppbv	100
8) Dichlorotetrafluoroethane	2.883	85	1222494	11.138	ppbv	98
9) Propene	2.719	41	458927	9.849	ppbv	100
10) Heptane	7.594	43	1137411	10.075	ppbv	99
11) Trichlorofluoromethane	3.584	101	1254873	11.644	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.086	101	880601	11.049	ppbv	98
13) Ethanol	3.263	45	102395	9.803	ppbv	100
14) Bromoethene	3.388	108	359431	10.928	ppbv	99
15) Acetone	3.488	43	933854	10.094	ppbv	98
16) 1,3-Butadiene	3.009	39	511302	10.948	ppbv	96
17) tert-Butyl alcohol	3.896	59	909887	9.117	ppbv	99
18) 1,1-Dichloroethene	3.903	96	384291	10.815	ppbv	99
19) Isopropyl Alcohol	3.597	45	648590	10.683	ppbv #	44
20) Methylene Chloride	3.954	84	319784	9.939	ppbv	97
21) Allyl Chloride	4.018	41	614180	10.181	ppbv	97
22) trans-1,2-Dichloroethene	4.465	96	405527	10.974	ppbv	94
23) Vinyl Acetate	4.645	43	1059336	10.398	ppbv #	99
24) 1,1-Dichloroethane	4.584	63	868197	10.959	ppbv	100
25) Ethyl Acetate	5.221	43	1867877	10.115	ppbv	99
26) Hexane	5.230	57	828457	10.053	ppbv	98
27) Carbon Disulfide	4.144	76	1015548	10.410	ppbv	97
28) Methyl tert-Butyl Ether	4.603	73	625647	9.535	ppbv	99
29) Chloroform	5.295	83	1291023	11.356	ppbv	99
30) Cyclohexane	6.616	84	703941	10.791	ppbv	97
31) cis-1,2-Dichloroethene	5.099	61	838786	10.872	ppbv	94
32) 1,1,1-Trichloroethane	6.021	97	1297473	11.438	ppbv	99
34) 2-Butanone	4.806	43	1027867	9.741	ppbv	98
35) Carbon Tetrachloride	6.510	117	1344967	11.560	ppbv	98
36) Benzene	6.388	78	1736944	9.984	ppbv	98
37) 1,2-Dichloroethane	5.825	62	1033372	11.384	ppbv	99
38) Trichloroethene	7.308	130	703706	10.854	ppbv	94
39) 1,2-Dichloropropane	7.089	63	668581	9.972	ppbv	95
40) 1,4-Dioxane	7.301	88	272152	11.362	ppbv	86
41) Tetrahydrofuran	5.574	42	727530	9.524	ppbv	99
42) Bromodichloromethane	7.266	83	1458524	11.203	ppbv	100
43) Methyl Methacrylate	7.488	69	699511	9.941	ppbv	97
44) 2,2,4-Trimethylpentane	7.343	57	2951928	9.841	ppbv	100
45) t-1,3-Dichloropropene	8.725	75	508017	9.963	ppbv	99

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 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

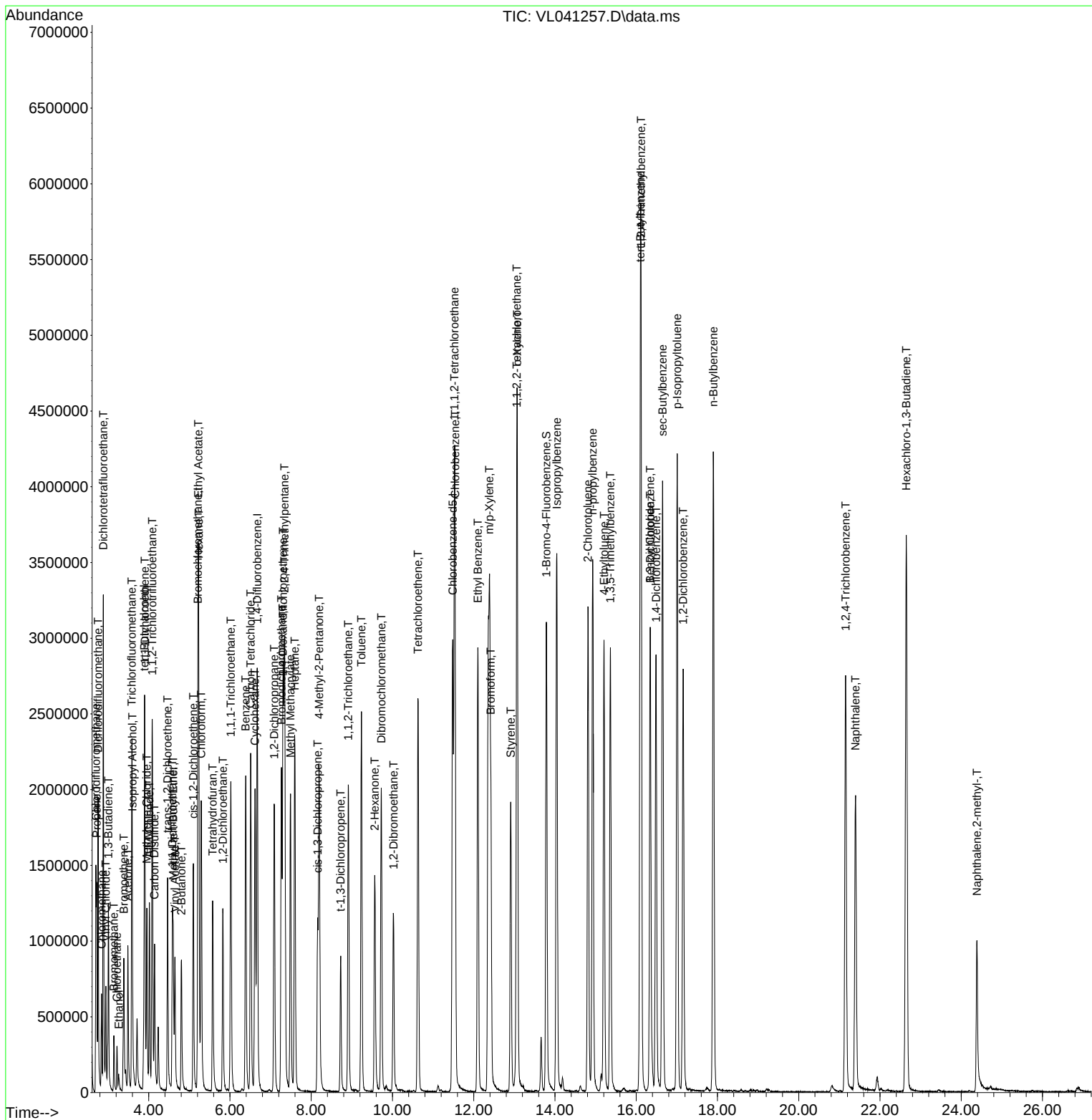
Instrument :
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 ClientSampleId :

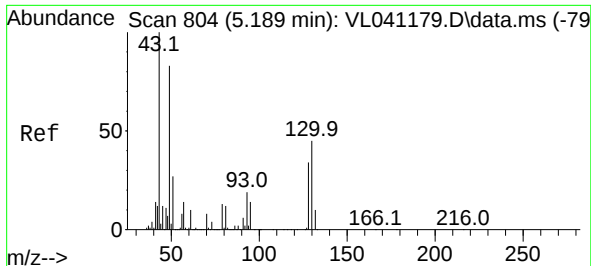
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL042924AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri May 10 01:23:08 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.160	75	629272	10.080	ppbv	98
47) 1,1,2-Trichloroethane	8.912	97	724208	10.791	ppbv	98
48) Dibromochloromethane	9.725	129	1233210	11.533	ppbv	100
49) Bromoform	12.420	173	1020402	11.218	ppbv	100
50) 4-Methyl-2-Pentanone	8.195	43	1828381	9.655	ppbv	100
51) 2-Hexanone	9.565	43	1306856	9.304	ppbv #	99
52) Tetrachloroethene	10.629	164	622874	10.186	ppbv	97
53) Toluene	9.237	91	2057847	10.201	ppbv	100
54) 1,2-Dibromoethane	10.024	107	996518	10.963	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.526	131	897406	10.640	ppbv	98
57) Chlorobenzene	11.542	112	1533228	10.065	ppbv	97
58) Ethyl Benzene	12.102	91	2771771	9.718	ppbv	99
59) m/p-Xylene	12.384	91	2507661	10.461	ppbv #	40
60) o-Xylene	13.073	91	2231099	9.929	ppbv	100
61) Styrene	12.912	104	1199484	10.105	ppbv	98
62) Isopropylbenzene	14.044	105	3306223	9.837	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.060	83	1550745	10.125	ppbv	99
64) n-propylbenzene	14.928	120	872782	10.409	ppbv	97
65) tert-Butylbenzene	16.101	119	2947530	9.791	ppbv	100
66) Benzyl Chloride	16.343	91	166612	4.889	ppbv	99
67) sec-Butylbenzene	16.648	105	4153711	9.802	ppbv	98
69) p-Isopropyltoluene	17.008	119	3451221	9.883	ppbv	99
70) n-Butylbenzene	17.899	91	3636860	9.972	ppbv	100
71) 2-Chlorotoluene	14.812	91	2554203	9.981	ppbv	99
72) 4-Ethyltoluene	15.208	105	2626016	10.318	ppbv	99
73) 1,3,5-Trimethylbenzene	15.365	105	2316926	10.061	ppbv	98
74) 1,2,4-Trimethylbenzene	16.121	105	2531884	10.067	ppbv	98
75) 1,3-Dichlorobenzene	16.346	146	1507498	10.453	ppbv	99
76) 1,4-Dichlorobenzene	16.490	146	1484996	10.707	ppbv	99
77) 1,2-Dichlorobenzene	17.156	146	1470883	10.203	ppbv	99
78) Hexachloro-1,3-Butadiene	22.648	225	1054097	8.227	ppbv	99
79) Naphthalene	21.400	128	2525015	10.543	ppbv	99
80) Naphthalene,2-methyl-	24.387	142	799103	8.294	ppbv	96
81) 1,2,4-Trichlorobenzene	21.156	180	1204451	9.524	ppbv	100

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL042924AIR.M
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QLast Update : Fri May 10 01:23:08 2024
Response via : Initial Calibration

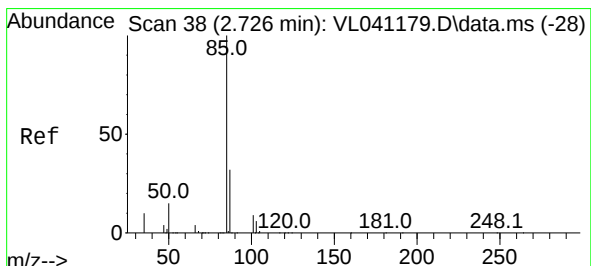
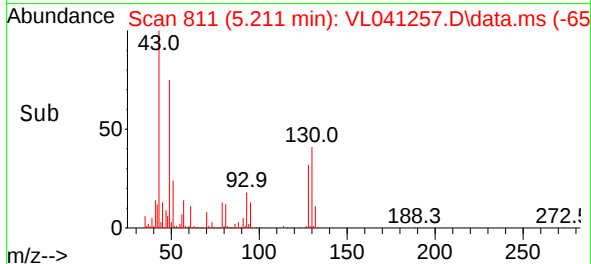
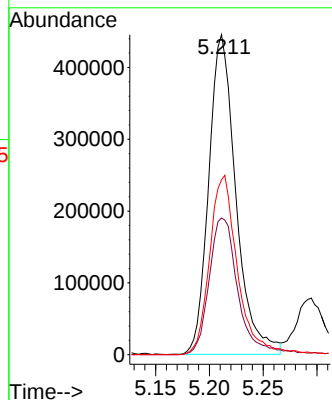
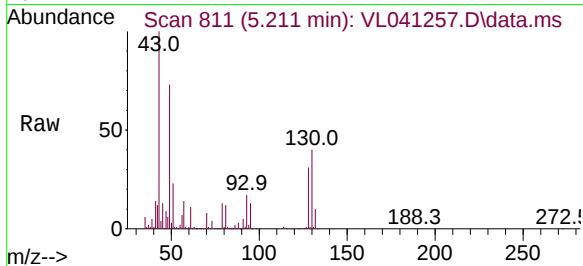




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.211 min Scan# 81
Delta R.T. 0.006 min
Lab File: VL041257.D
Acq: 9 May 2024 14:29

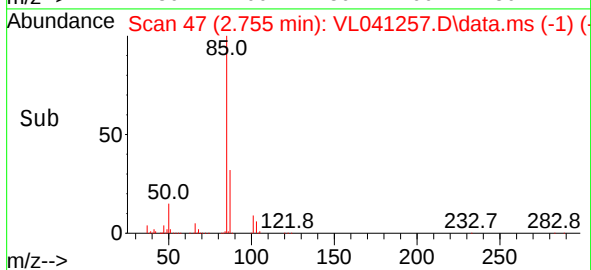
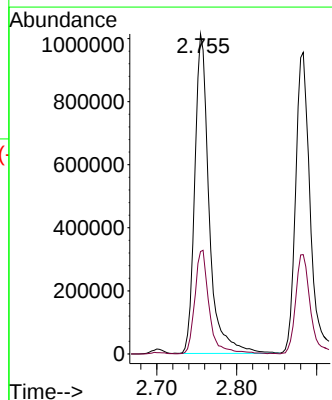
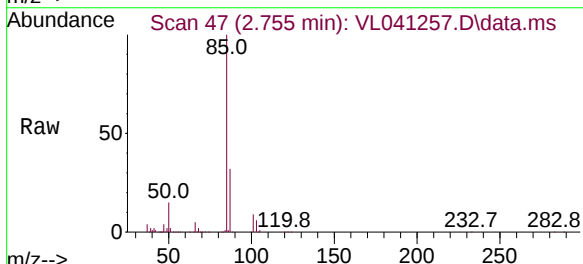
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MSVOA_L
ClientSampleId :

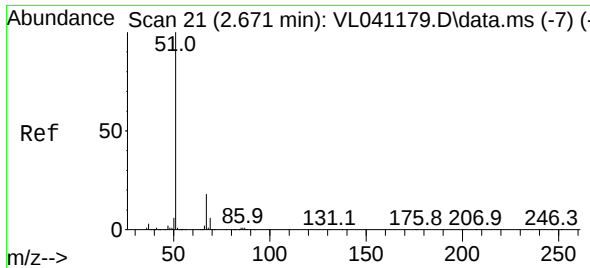
Tgt Ion: 49 Resp: 783945
Ion Ratio Lower Upper
49 100
128 46.2 21.5 64.5
130 57.9 27.2 81.6



#2
Dichlorodifluoromethane
Concen: 11.945 ppbv
RT: 2.755 min Scan# 47
Delta R.T. 0.010 min
Lab File: VL041257.D
Acq: 9 May 2024 14:29

Tgt Ion: 85 Resp: 1266673
Ion Ratio Lower Upper
85 100
87 32.0 25.7 38.5

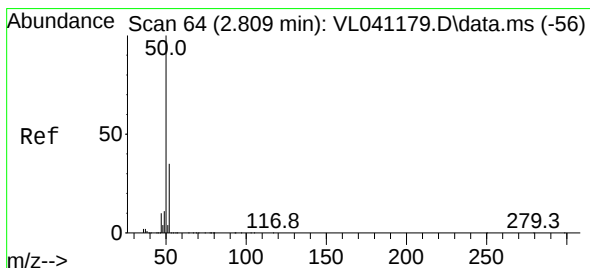
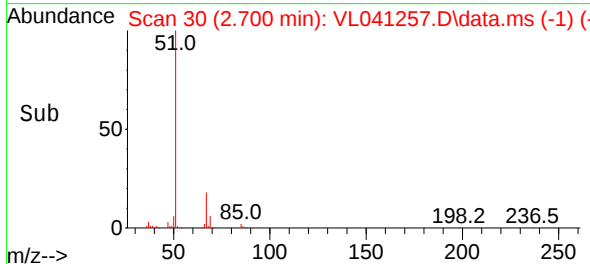
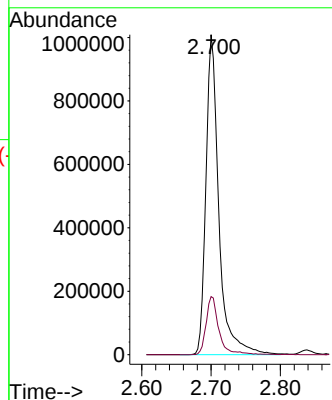
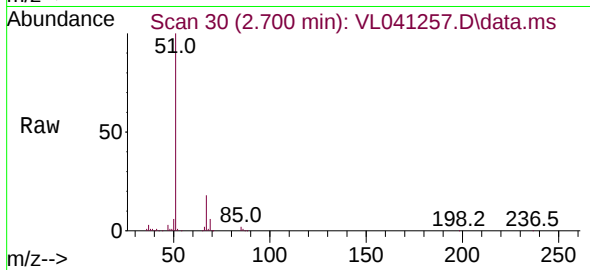




#3
Chlorodifluoromethane
Concen: 10.924 ppbv
RT: 2.700 min Scan# 30
Delta R.T. 0.010 min
Lab File: VL041257.D
Acq: 9 May 2024 14:29

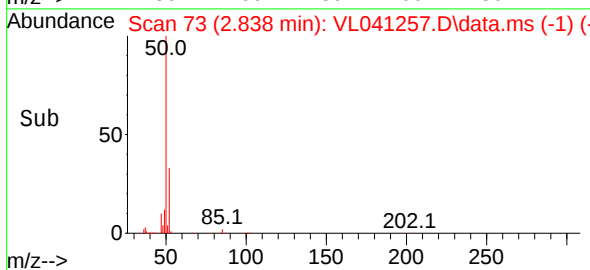
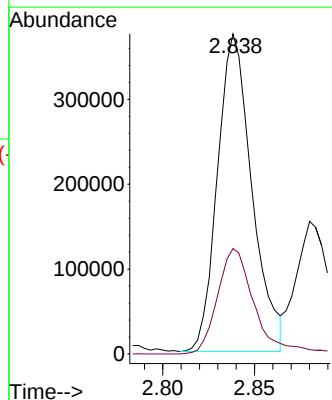
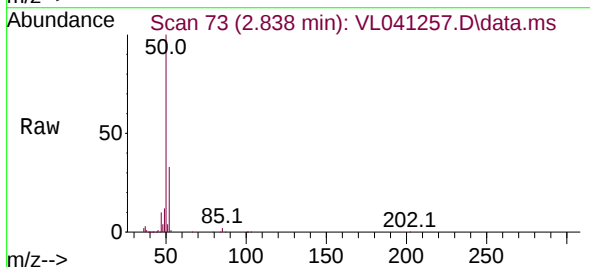
Instrument :
MSVOA_L
ClientSampleId :

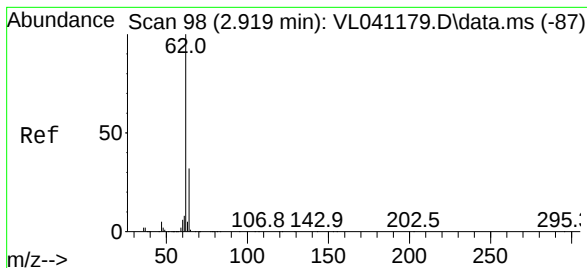
Tgt Ion: 51 Resp: 1300665
Ion Ratio Lower Upper
51 100
67 18.1 14.0 21.0



#4
Chloromethane
Concen: 10.466 ppbv
RT: 2.838 min Scan# 73
Delta R.T. 0.010 min
Lab File: VL041257.D
Acq: 9 May 2024 14:29

Tgt Ion: 50 Resp: 488960
Ion Ratio Lower Upper
50 100
52 33.2 28.3 42.5

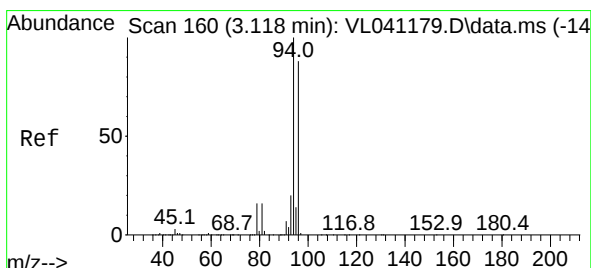
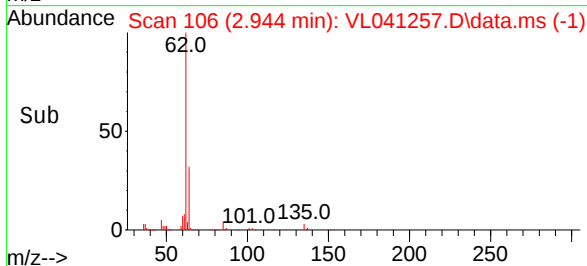
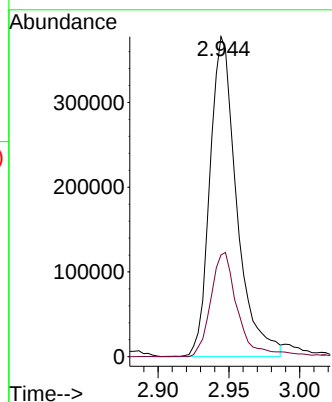
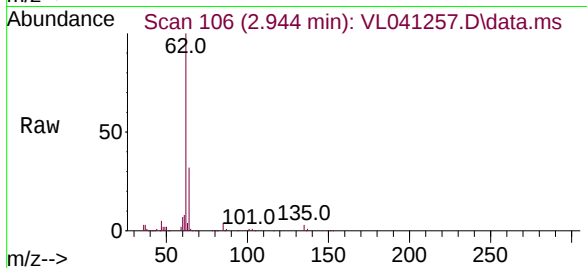




#5
 Vinyl Chloride
 Concen: 10.572 ppbv
 RT: 2.944 min Scan# 106
 Delta R.T. 0.010 min
 Lab File: VL041257.D
 Acq: 9 May 2024 14:29

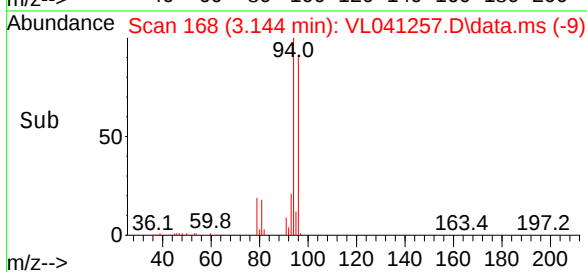
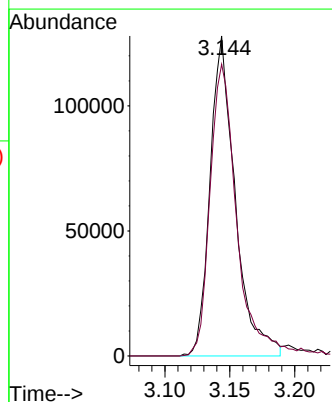
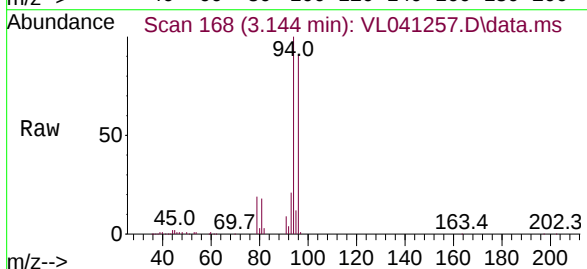
Instrument :
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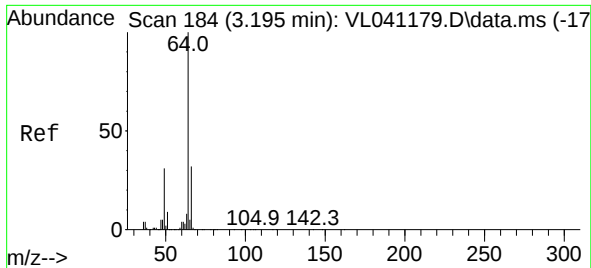
Tgt Ion: 62 Resp: 496172
 Ion Ratio Lower Upper
 62 100
 64 31.9 25.7 38.5



#6
 Bromomethane
 Concen: 10.061 ppbv
 RT: 3.144 min Scan# 168
 Delta R.T. 0.010 min
 Lab File: VL041257.D
 Acq: 9 May 2024 14:29

Tgt Ion: 94 Resp: 172290
 Ion Ratio Lower Upper
 94 100
 96 91.1 70.1 105.1

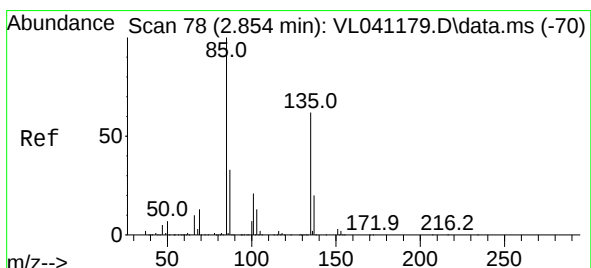
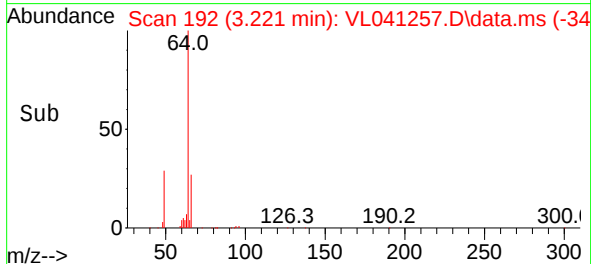
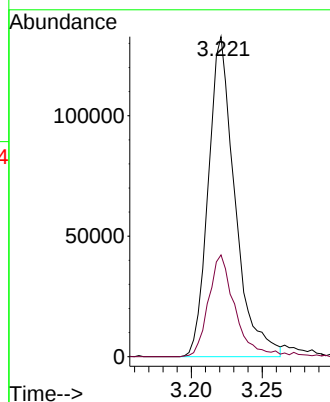
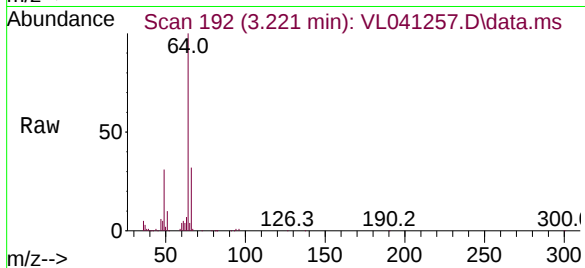




#7
Chloroethane
Concen: 10.481 ppbv
RT: 3.221 min Scan# 11
Delta R.T. 0.007 min
Lab File: VL041257.D
Acq: 9 May 2024 14:29

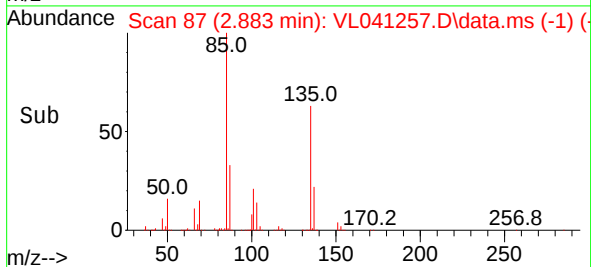
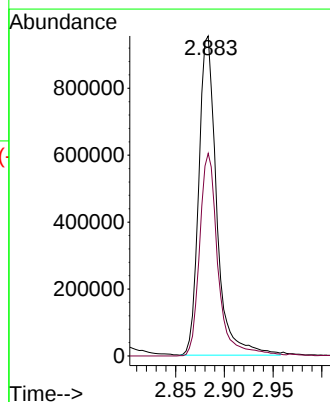
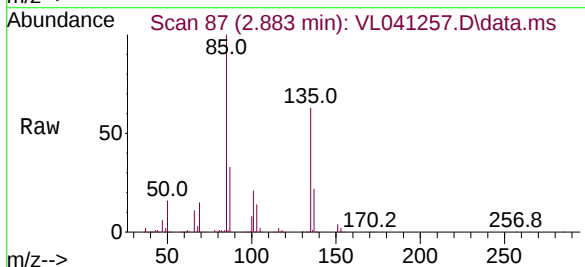
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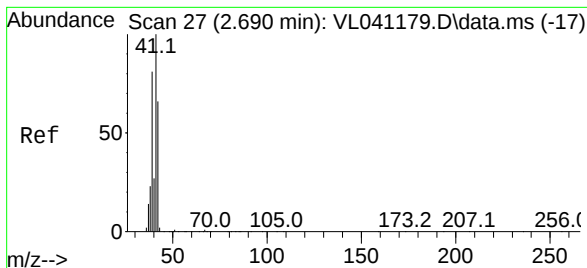
Tgt Ion: 64 Resp: 173669
Ion Ratio Lower Upper
64 100
66 31.8 25.4 38.2



#8
Dichlorotetrafluoroethane
Concen: 11.138 ppbv
RT: 2.883 min Scan# 87
Delta R.T. 0.010 min
Lab File: VL041257.D
Acq: 9 May 2024 14:29

Tgt Ion: 85 Resp: 1222494
Ion Ratio Lower Upper
85 100
135 65.7 51.5 77.3





#9

Propene

Concen: 9.849 ppbv

RT: 2.719 min Scan# 30

Delta R.T. 0.010 min

Lab File: VL041257.D

Acq: 9 May 2024 14:29

Instrument :

MSVOA_L

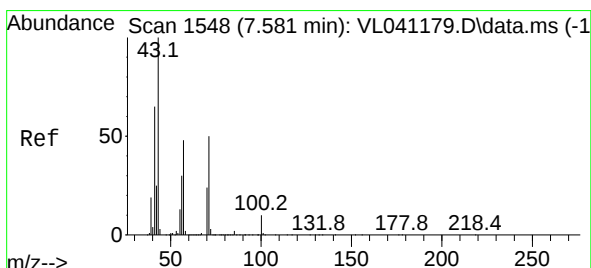
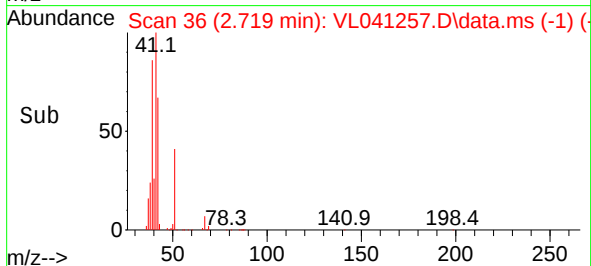
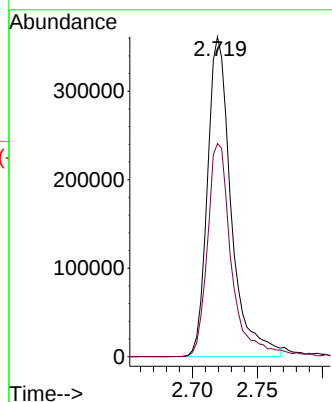
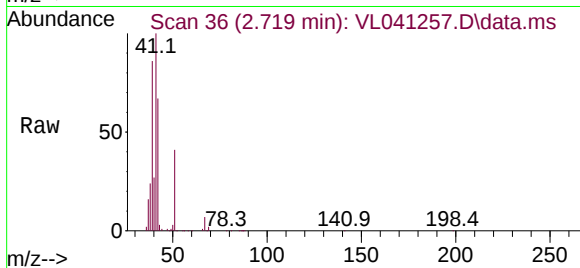
ClientSampleId :

Tgt Ion: 41 Resp: 458927

Ion Ratio Lower Upper

41 100

42 68.9 55.3 82.9



#10

Heptane

Concen: 10.075 ppbv

RT: 7.594 min Scan# 1552

Delta R.T. -0.003 min

Lab File: VL041257.D

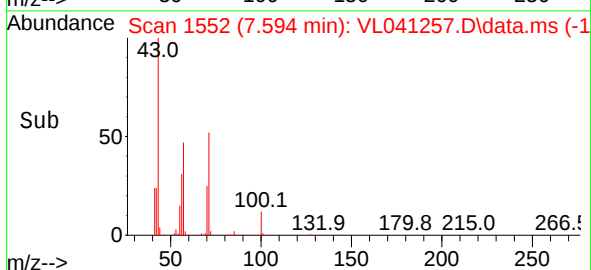
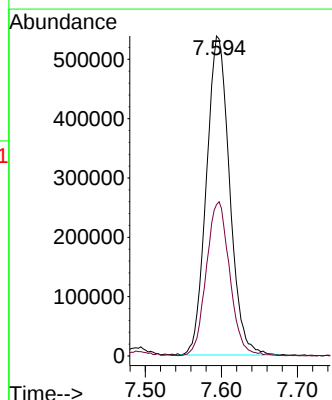
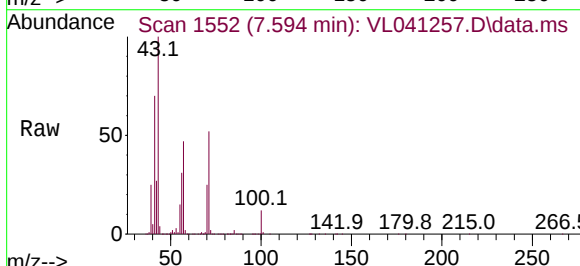
Acq: 9 May 2024 14:29

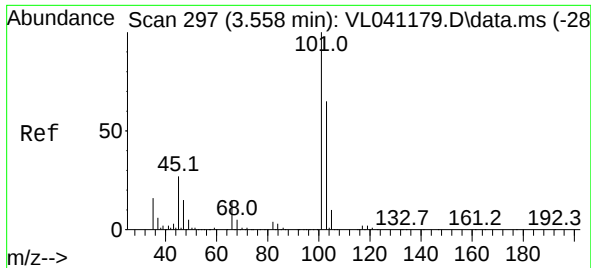
Tgt Ion: 43 Resp: 1137411

Ion Ratio Lower Upper

43 100

57 49.0 38.7 58.1





#11

Trichlorofluoromethane

Concen: 11.644 ppbv

RT: 3.584 min Scan# 305

Delta R.T. 0.007 min

Lab File: VL041257.D

Acq: 9 May 2024 14:29

Instrument :

MSVOA_L

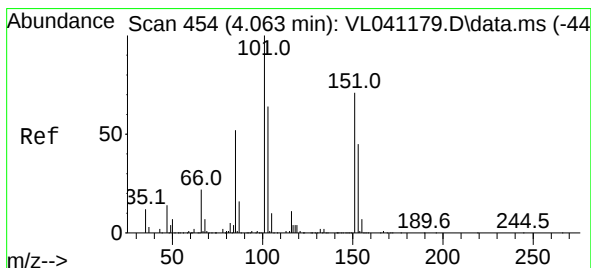
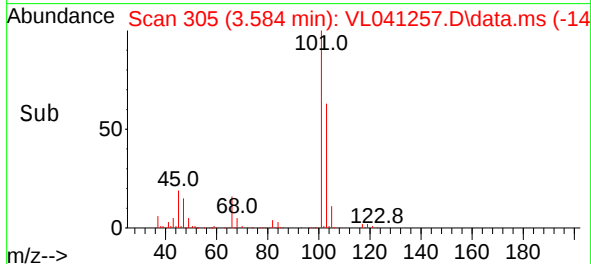
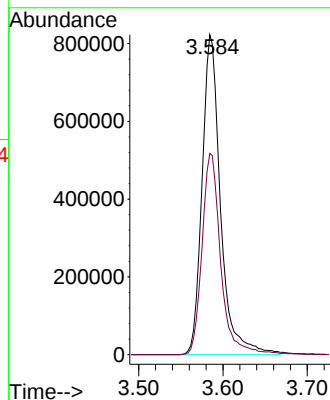
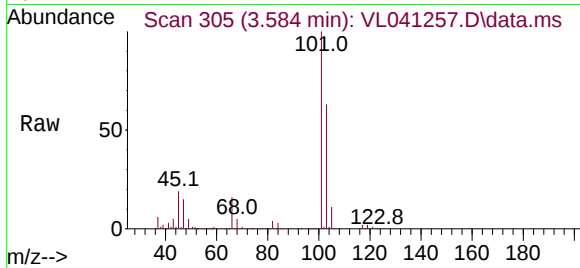
ClientSampleId :

Tgt Ion:101 Resp: 1254873

Ion Ratio Lower Upper

101 100

103 62.9 51.6 77.4



#12

1,1,2-Trichlorotrifluoroethane

Concen: 11.049 ppbv

RT: 4.086 min Scan# 461

Delta R.T. 0.007 min

Lab File: VL041257.D

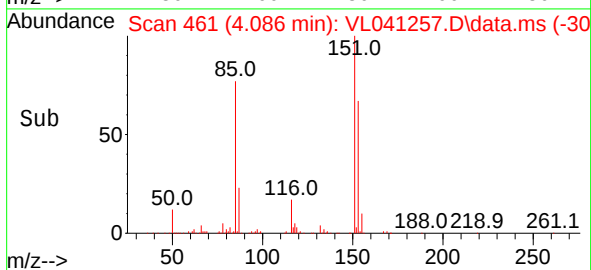
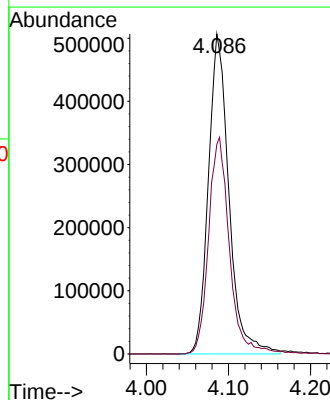
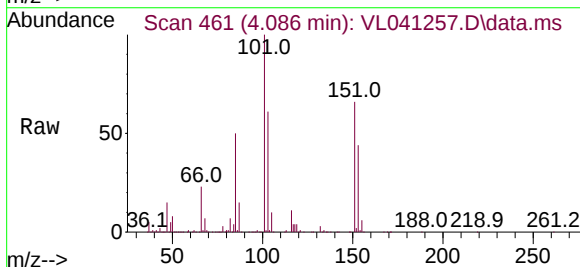
Acq: 9 May 2024 14:29

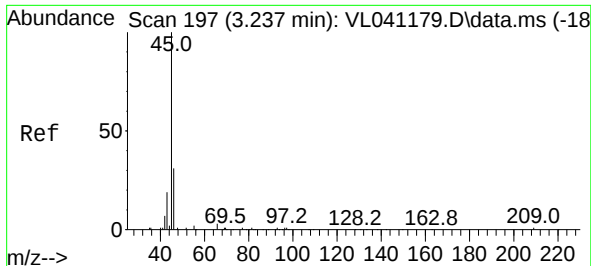
Tgt Ion:101 Resp: 880601

Ion Ratio Lower Upper

101 100

151 68.9 56.8 85.2





#13

Ethanol

Concen: 9.803 ppbv

RT: 3.263 min Scan# 205

Delta R.T. 0.007 min

Lab File: VL041257.D

Acq: 9 May 2024 14:29

Instrument :

MSVOA_L

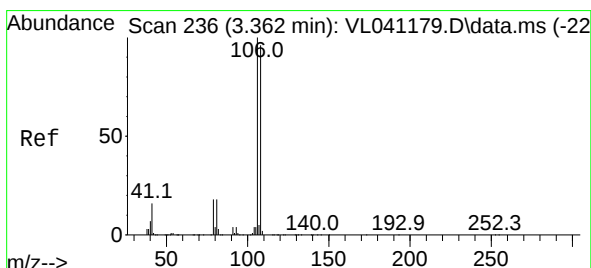
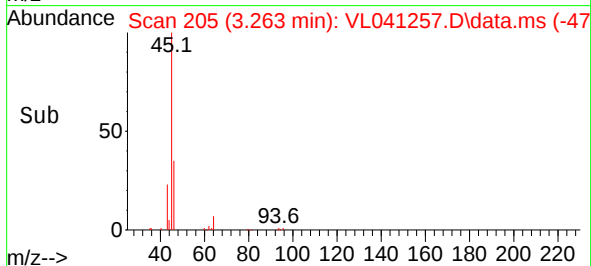
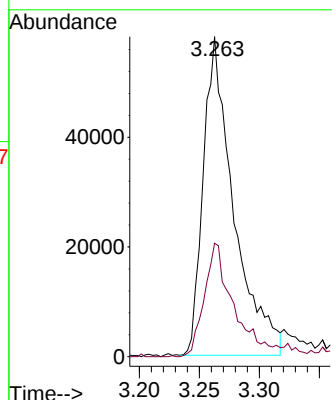
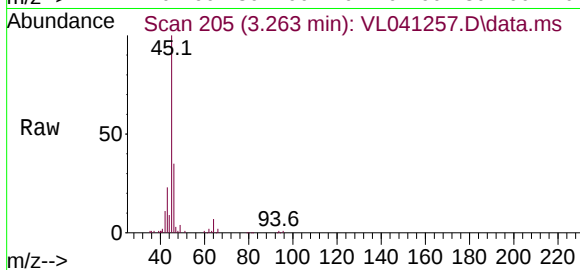
ClientSampleId :

Tgt Ion: 45 Resp: 102395

Ion Ratio Lower Upper

45 100

46 36.6 14.8 59.0



#14

Bromoethene

Concen: 10.928 ppbv

RT: 3.388 min Scan# 244

Delta R.T. 0.007 min

Lab File: VL041257.D

Acq: 9 May 2024 14:29

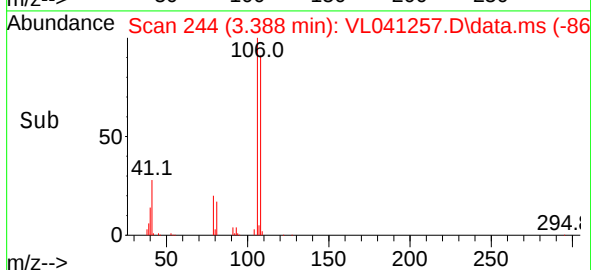
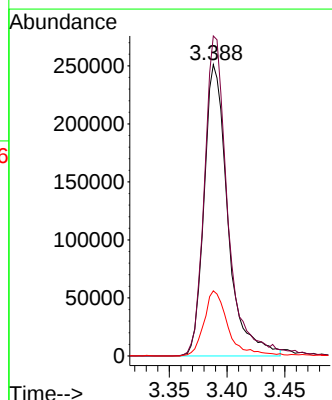
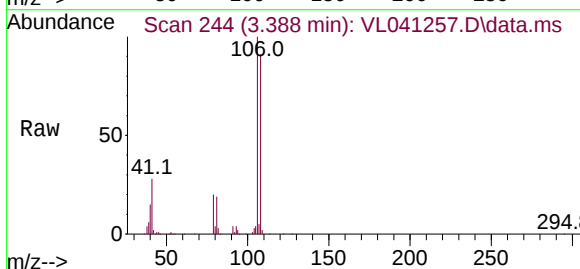
Tgt Ion:108 Resp: 359431

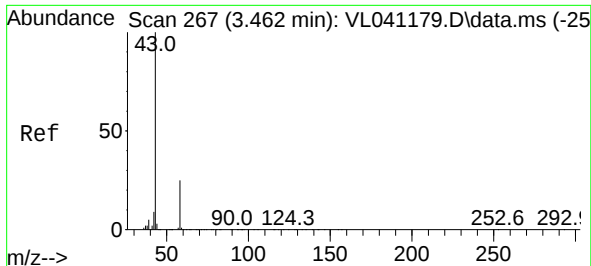
Ion Ratio Lower Upper

108 100

106 109.5 88.2 132.4

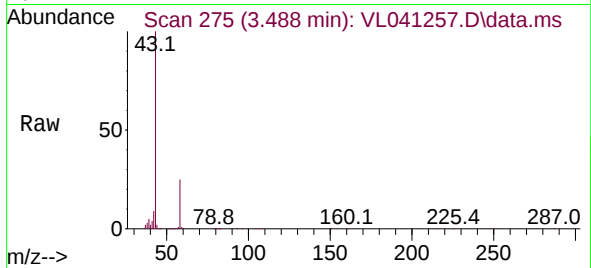
79 23.2 17.4 26.0



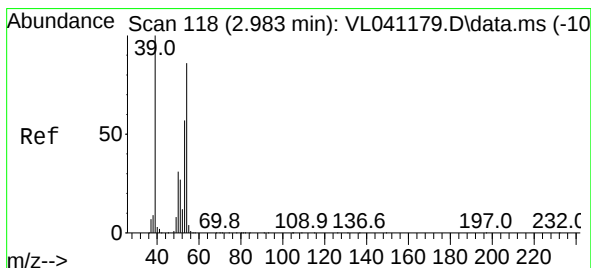
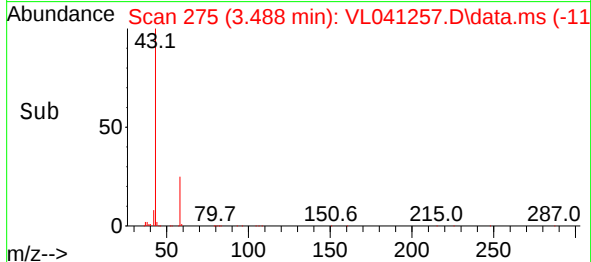
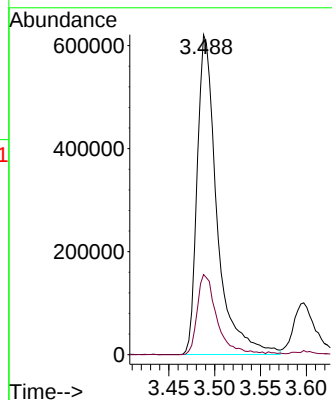


#15
Acetone
Concen: 10.094 ppbv
RT: 3.488 min Scan# 21
Delta R.T. 0.007 min
Lab File: VL041257.D
Acq: 9 May 2024 14:29

Instrument :
MSVOA_L
ClientSampleId :

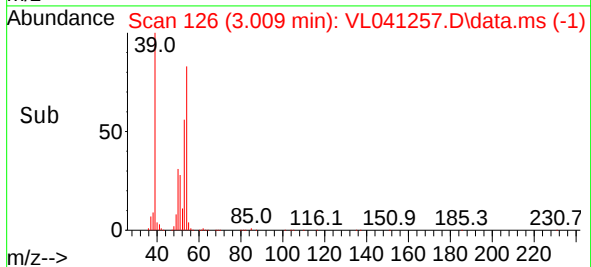
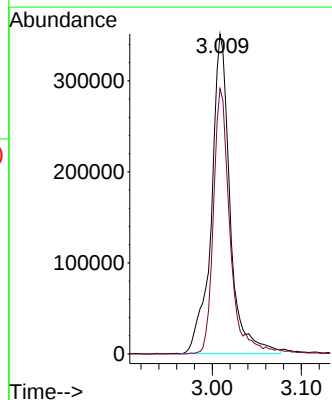
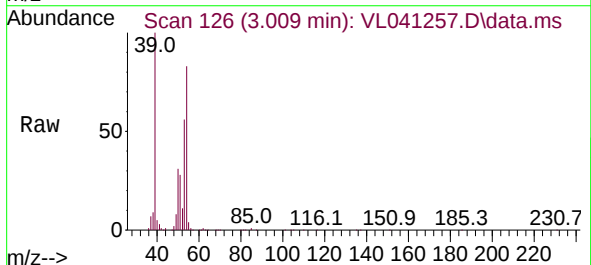


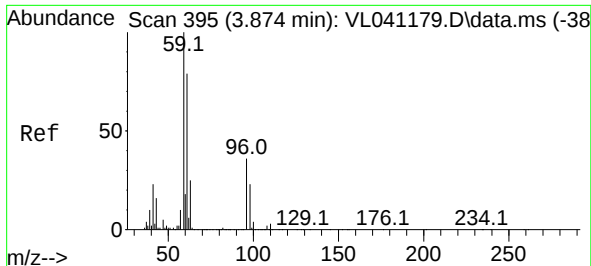
Tgt Ion: 43 Resp: 933854
Ion Ratio Lower Upper
43 100
58 25.5 21.4 32.0



#16
1,3-Butadiene
Concen: 10.948 ppbv
RT: 3.009 min Scan# 126
Delta R.T. 0.010 min
Lab File: VL041257.D
Acq: 9 May 2024 14:29

Tgt Ion: 39 Resp: 511302
Ion Ratio Lower Upper
39 100
54 74.8 62.2 93.4





#17

tert-Butyl alcohol

Concen: 9.117 ppbv

RT: 3.896 min Scan# 40

Delta R.T. 0.007 min

Lab File: VL041257.D

Acq: 9 May 2024 14:29

Instrument :

MSVOA_L

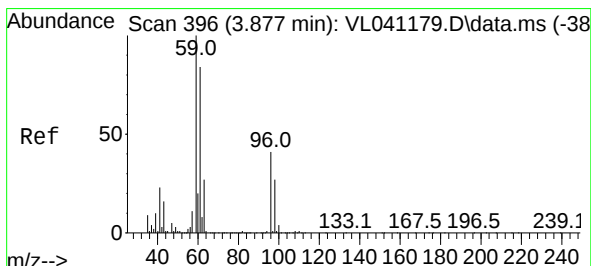
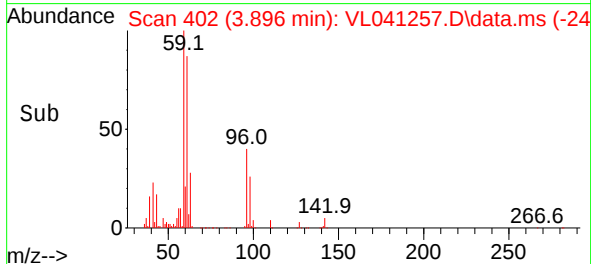
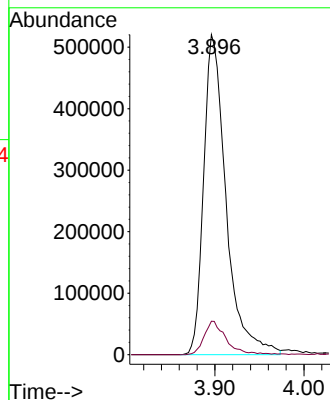
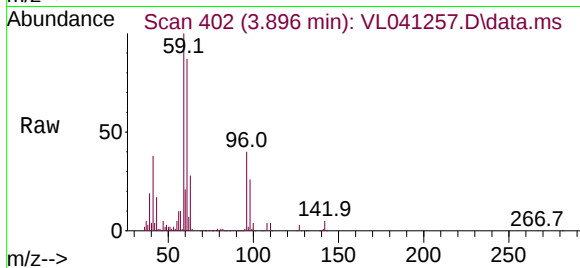
ClientSampleId :

Tgt Ion: 59 Resp: 909887

Ion Ratio Lower Upper

59 100

57 10.7 8.4 12.6



#18

1,1-Dichloroethene

Concen: 10.815 ppbv

RT: 3.903 min Scan# 404

Delta R.T. 0.007 min

Lab File: VL041257.D

Acq: 9 May 2024 14:29

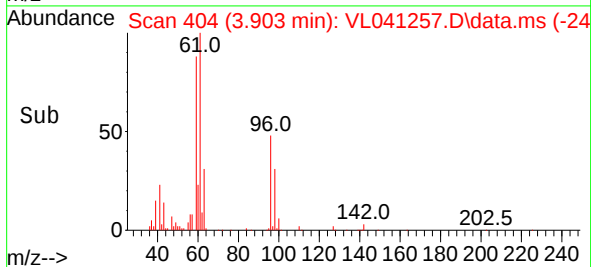
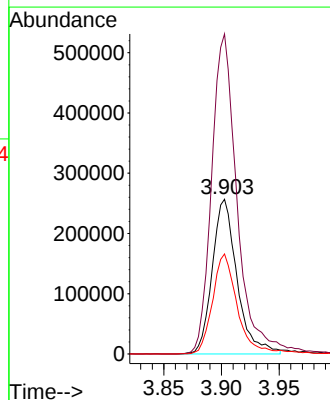
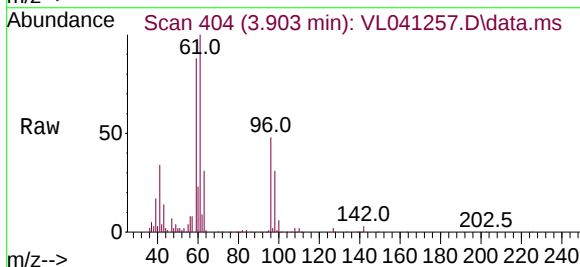
Tgt Ion: 96 Resp: 384291

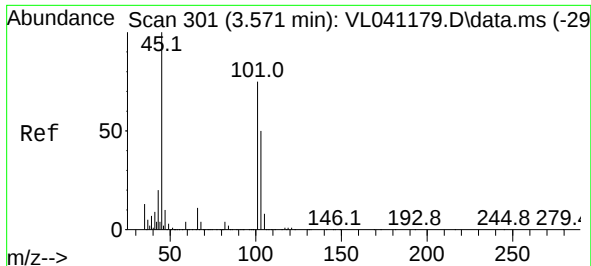
Ion Ratio Lower Upper

96 100

61 206.6 164.4 246.6

98 64.5 51.8 77.8





#19

Isopropyl Alcohol

Concen: 10.683 ppbv

RT: 3.597 min Scan# 301

Delta R.T. 0.007 min

Lab File: VL041257.D

Acq: 9 May 2024 14:29

Instrument :

MSVOA_L

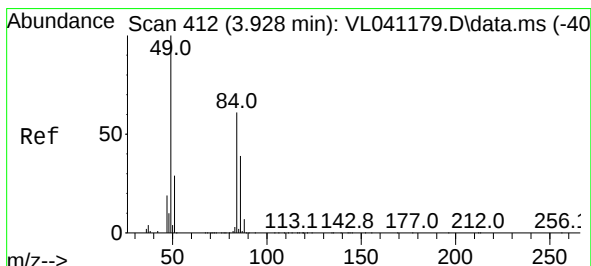
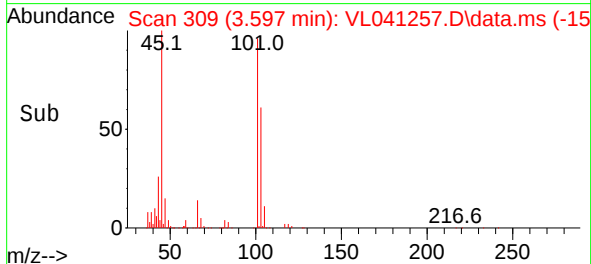
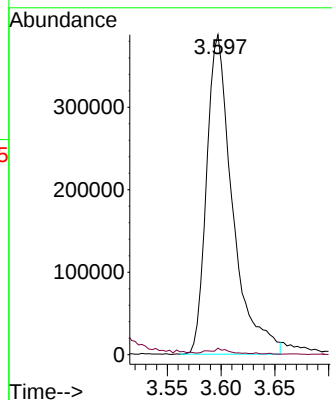
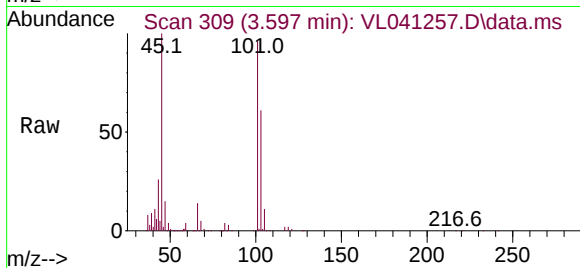
ClientSampleId :

Tgt Ion: 45 Resp: 648590

Ion Ratio Lower Upper

45 100

58 1.8 26.8 40.2#



#20

Methylene Chloride

Concen: 9.939 ppbv

RT: 3.954 min Scan# 420

Delta R.T. 0.007 min

Lab File: VL041257.D

Acq: 9 May 2024 14:29

Tgt Ion: 84 Resp: 319784

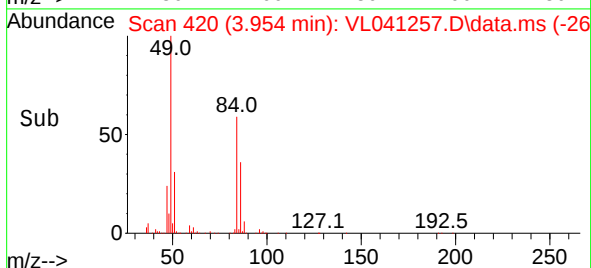
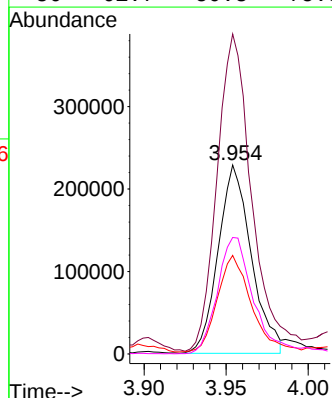
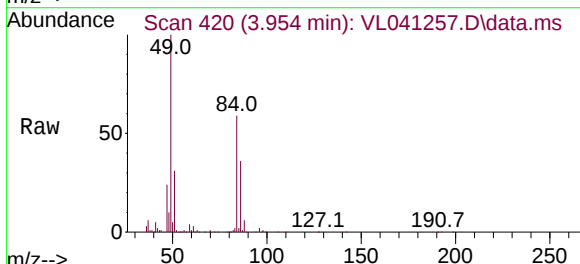
Ion Ratio Lower Upper

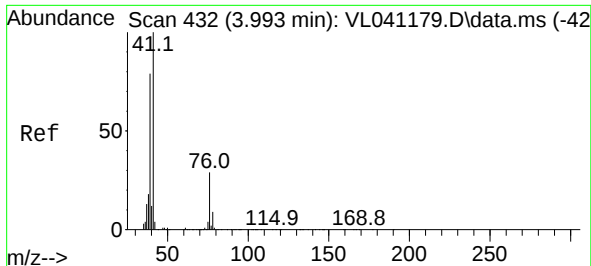
84 100

49 167.7 130.4 195.6

51 51.3 38.0 57.0

86 61.7 50.3 75.5





#21

Allyl Chloride

Concen: 10.181 ppbv

RT: 4.018 min Scan# 41

Delta R.T. 0.007 min

Lab File: VL041257.D

Acq: 9 May 2024 14:29

Instrument :

MSVOA_L

ClientSampleId :

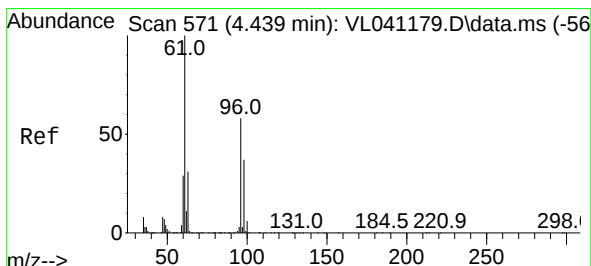
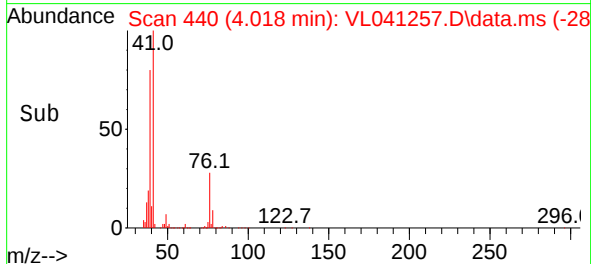
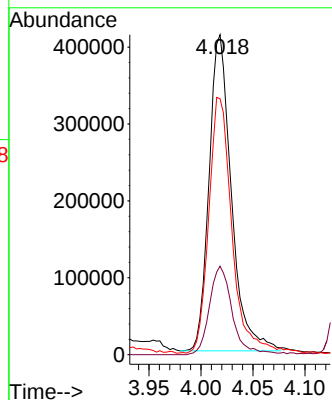
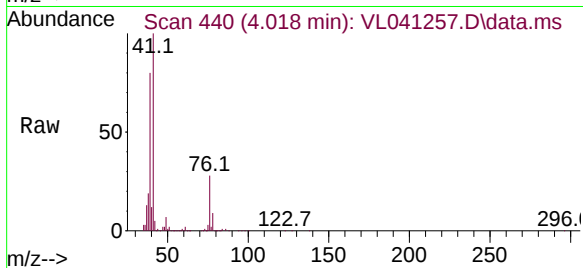
Tgt Ion: 41 Resp: 614180

Ion Ratio Lower Upper

41 100

76 28.9 23.7 35.5

39 84.3 64.7 97.1



#22

trans-1,2-Dichloroethene

Concen: 10.974 ppbv

RT: 4.465 min Scan# 579

Delta R.T. 0.003 min

Lab File: VL041257.D

Acq: 9 May 2024 14:29

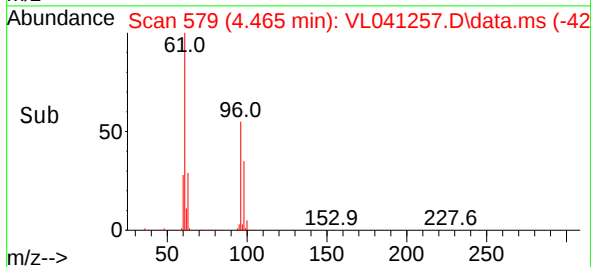
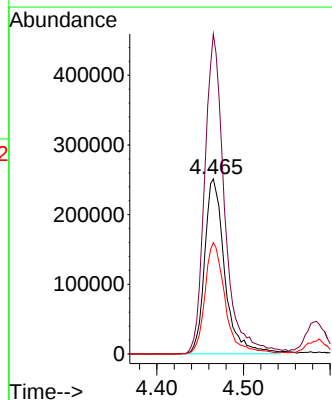
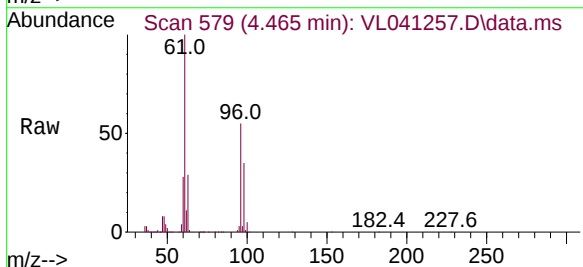
Tgt Ion: 96 Resp: 405527

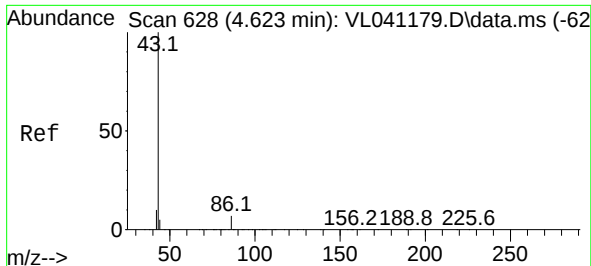
Ion Ratio Lower Upper

96 100

61 182.9 137.6 206.4

98 63.7 50.6 76.0





#23

Vinyl Acetate

Concen: 10.398 ppbv

RT: 4.645 min Scan# 616

Delta R.T. 0.007 min

Lab File: VL041257.D

Acq: 9 May 2024 14:29

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 43 Resp: 1059336

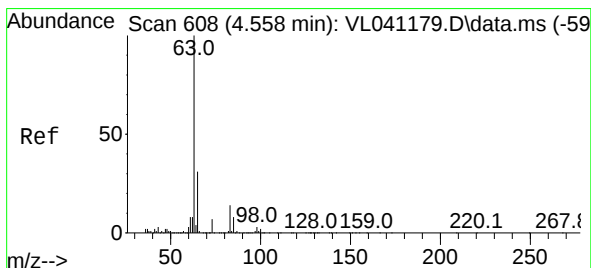
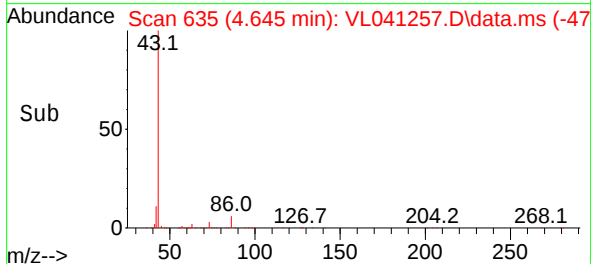
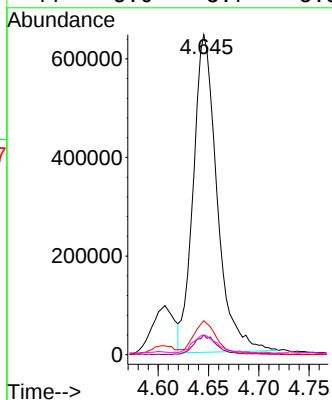
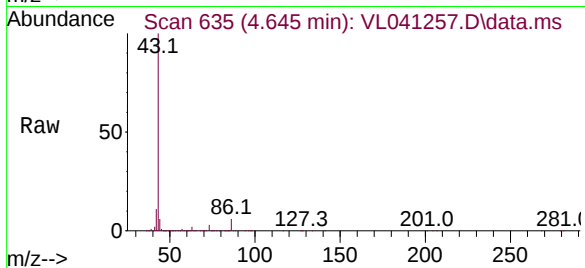
Ion Ratio Lower Upper

43 100

86 6.1 4.9 7.3

42 10.5 8.0 12.0

44 5.6 3.7 5.5#



#24

1,1-Dichloroethane

Concen: 10.959 ppbv

RT: 4.584 min Scan# 616

Delta R.T. 0.007 min

Lab File: VL041257.D

Acq: 9 May 2024 14:29

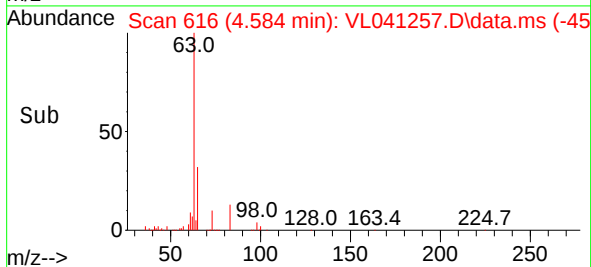
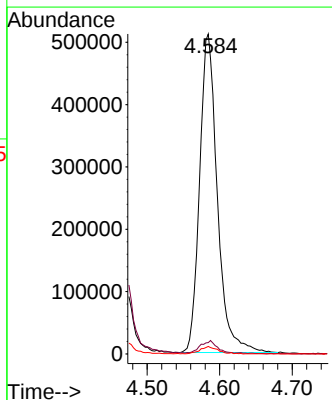
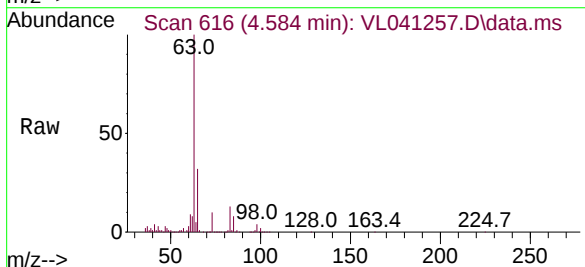
Tgt Ion: 63 Resp: 868197

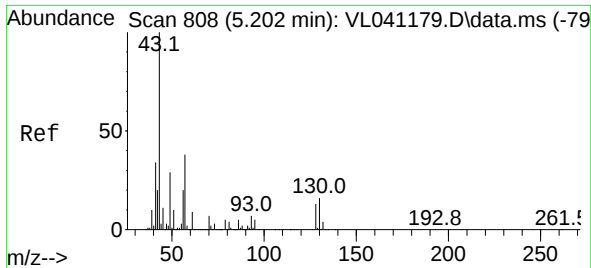
Ion Ratio Lower Upper

63 100

98 3.4 1.6 4.8

100 2.3 1.1 3.5

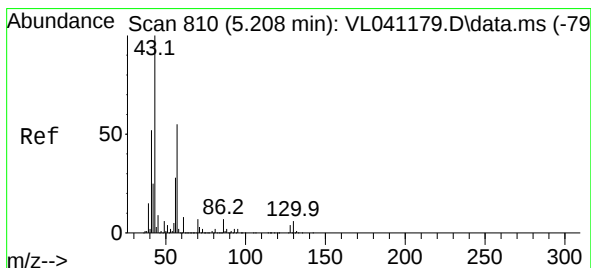
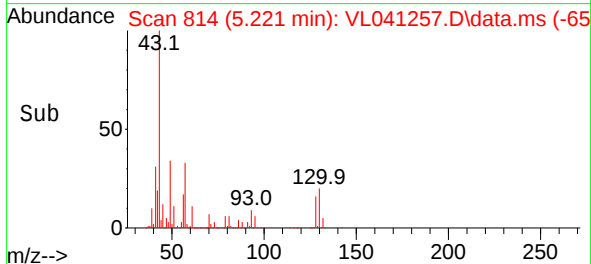
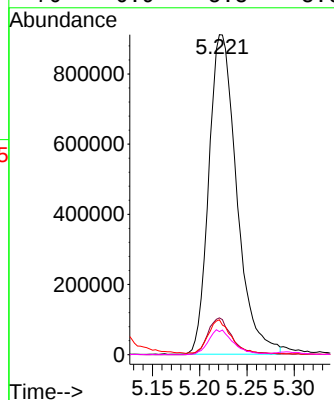
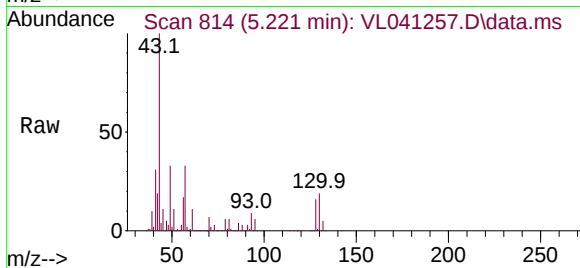




#25
Ethyl Acetate
Concen: 10.115 ppbv
RT: 5.221 min Scan# 814
Delta R.T. 0.000 min
Lab File: VL041257.D
Acq: 9 May 2024 14:29

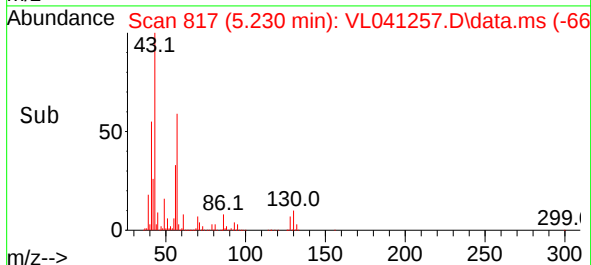
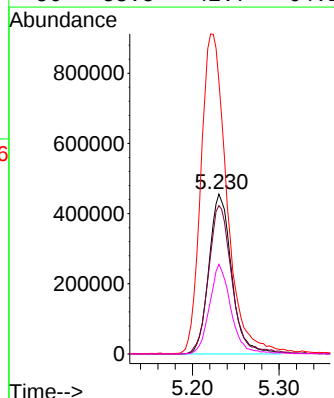
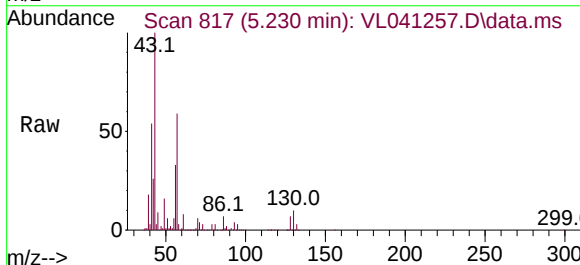
Instrument :
MSVOA_L
ClientSampleId :

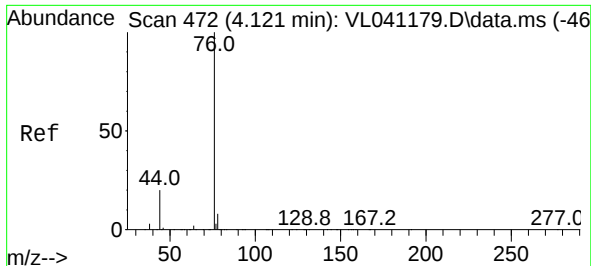
Tgt Ion: 43 Resp: 1867877
Ion Ratio Lower Upper
43 100
45 10.5 8.2 12.2
61 9.6 7.7 11.5
70 6.9 5.8 8.6



#26
Hexane
Concen: 10.053 ppbv
RT: 5.230 min Scan# 817
Delta R.T. 0.003 min
Lab File: VL041257.D
Acq: 9 May 2024 14:29

Tgt Ion: 57 Resp: 828457
Ion Ratio Lower Upper
57 100
41 96.7 75.8 113.8
43 230.8 187.0 280.4
56 53.5 42.7 64.1

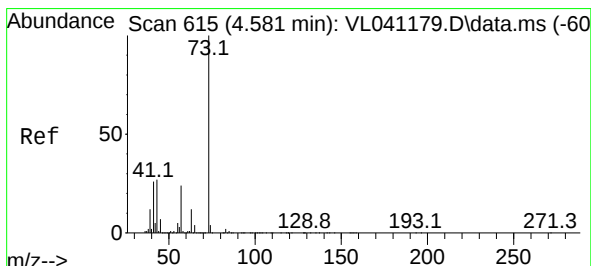
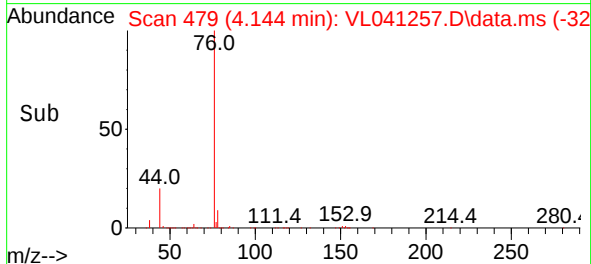
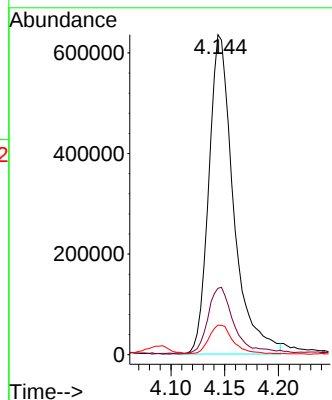
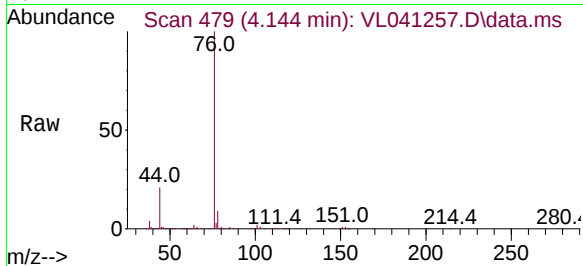




#27
Carbon Disulfide
Concen: 10.410 ppbv
RT: 4.144 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL041257.D
Acq: 9 May 2024 14:29

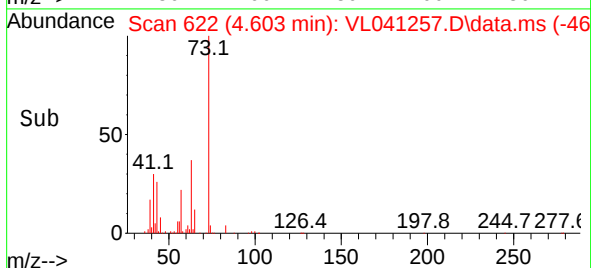
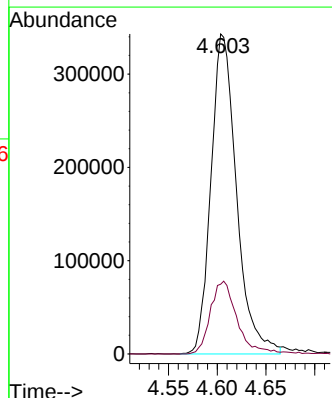
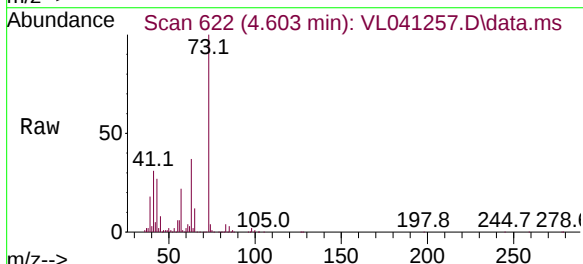
Instrument :
MSVOA_L
ClientSampleId :

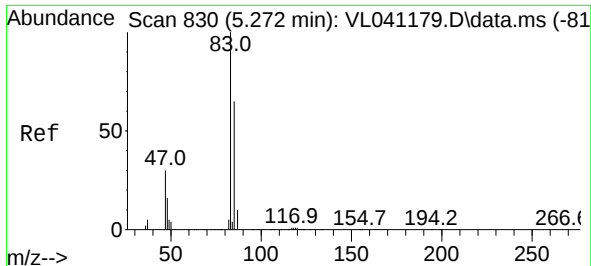
Tgt Ion: 76 Resp: 1015548
Ion Ratio Lower Upper
76 100
44 22.2 16.3 24.5
78 10.1 7.3 10.9



#28
Methyl tert-Butyl Ether
Concen: 9.535 ppbv
RT: 4.603 min Scan# 622
Delta R.T. 0.003 min
Lab File: VL041257.D
Acq: 9 May 2024 14:29

Tgt Ion: 73 Resp: 625647
Ion Ratio Lower Upper
73 100
57 24.2 18.8 28.2





#29

Chloroform

Concen: 11.356 ppbv

RT: 5.295 min Scan# 83

Delta R.T. 0.007 min

Lab File: VL041257.D

Acq: 9 May 2024 14:29

Instrument :

MSVOA_L

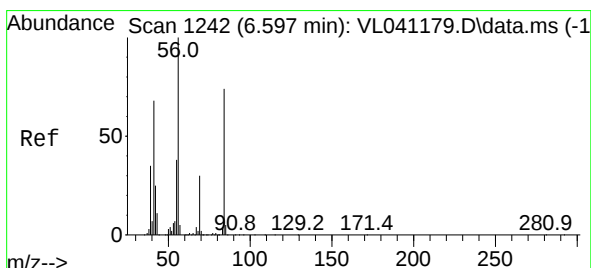
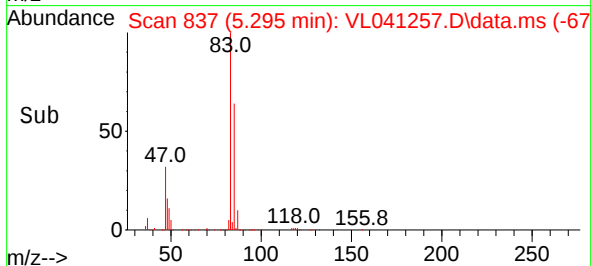
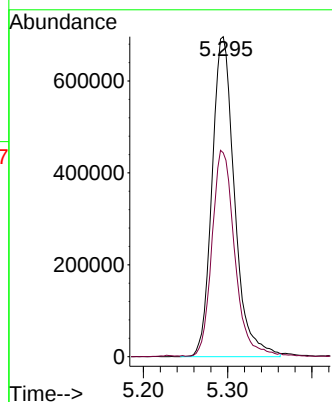
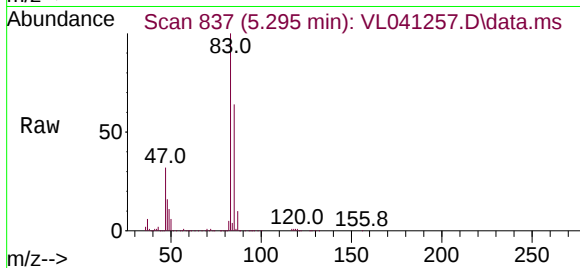
ClientSampleId :

Tgt Ion: 83 Resp: 1291023

Ion Ratio Lower Upper

83 100

85 63.5 51.7 77.5



#30

Cyclohexane

Concen: 10.791 ppbv

RT: 6.616 min Scan# 1248

Delta R.T. 0.000 min

Lab File: VL041257.D

Acq: 9 May 2024 14:29

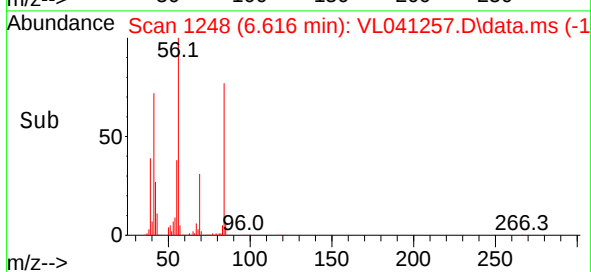
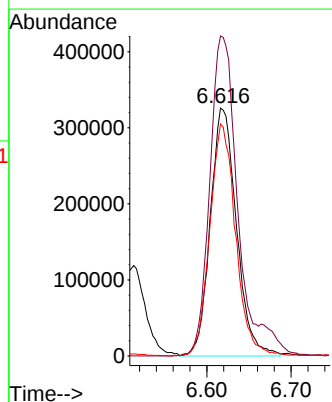
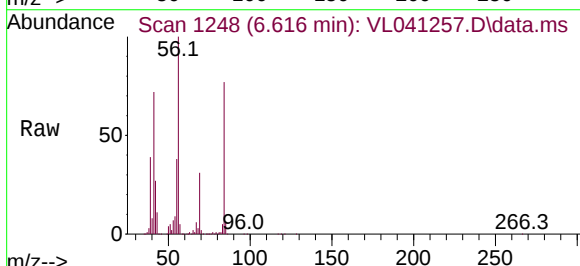
Tgt Ion: 84 Resp: 703941

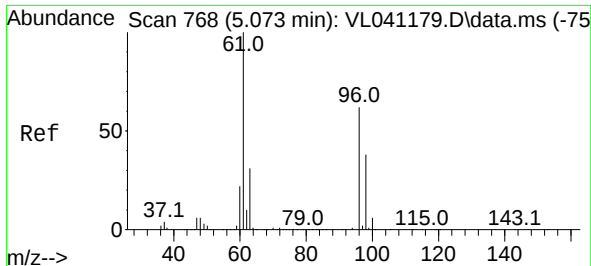
Ion Ratio Lower Upper

84 100

56 139.6 116.8 175.2

41 92.2 73.8 110.8

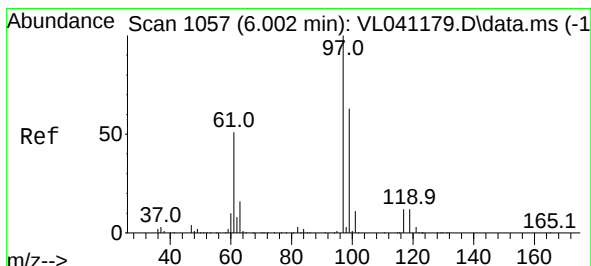
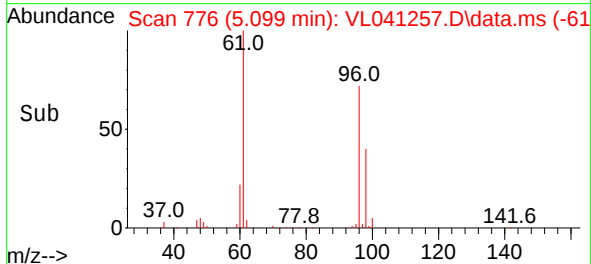
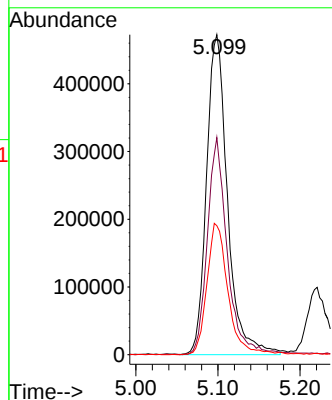
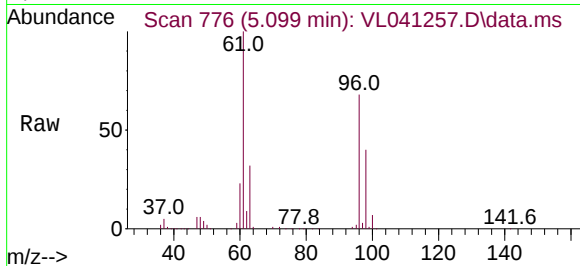




#31
 cis-1,2-Dichloroethene
 Concen: 10.872 ppbv
 RT: 5.099 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: VL041257.D
 Acq: 9 May 2024 14:29

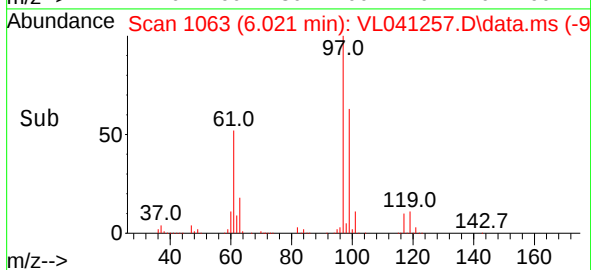
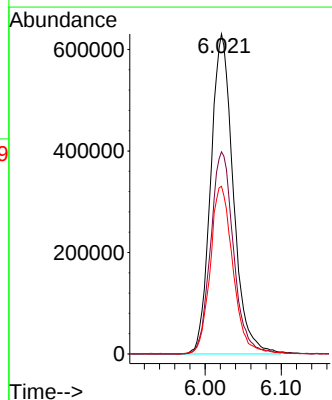
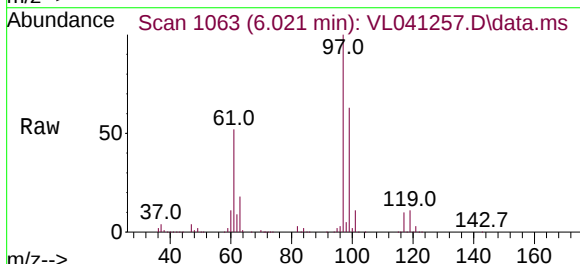
Instrument :
 MSVOA_L
 ClientSampleId :

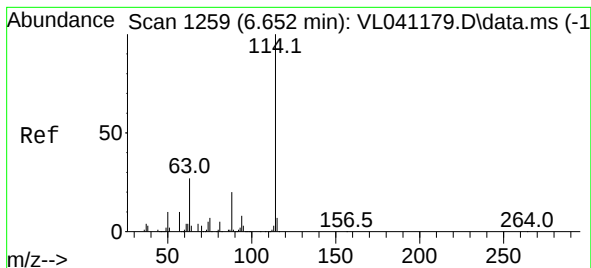
Tgt Ion: 61 Resp: 838786
 Ion Ratio Lower Upper
 61 100
 96 67.7 49.8 74.6
 98 40.3 30.0 45.0



#32
 1,1,1-Trichloroethane
 Concen: 11.438 ppbv
 RT: 6.021 min Scan# 1063
 Delta R.T. 0.003 min
 Lab File: VL041257.D
 Acq: 9 May 2024 14:29

Tgt Ion: 97 Resp: 1297473
 Ion Ratio Lower Upper
 97 100
 99 64.5 51.7 77.5
 61 52.6 41.1 61.7





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.671 min Scan# 114

Delta R.T. 0.003 min

Lab File: VL041257.D

Acq: 9 May 2024 14:29

Instrument :

MSVOA_L

ClientSampleId :

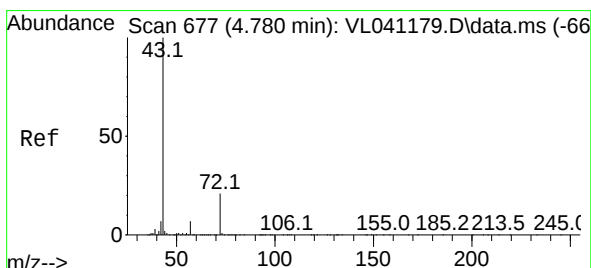
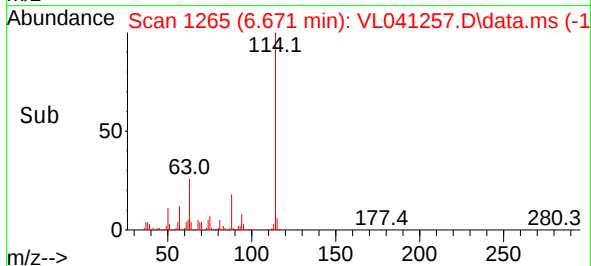
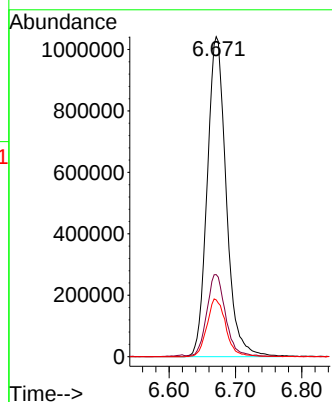
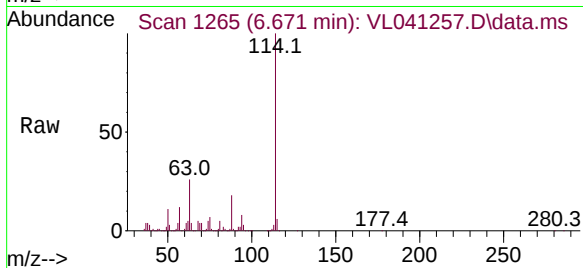
Tgt Ion:114 Resp: 2073183

Ion Ratio Lower Upper

114 100

63 26.1 21.8 32.6

88 18.0 15.2 22.8



#34

2-Butanone

Concen: 9.741 ppbv

RT: 4.806 min Scan# 685

Delta R.T. 0.007 min

Lab File: VL041257.D

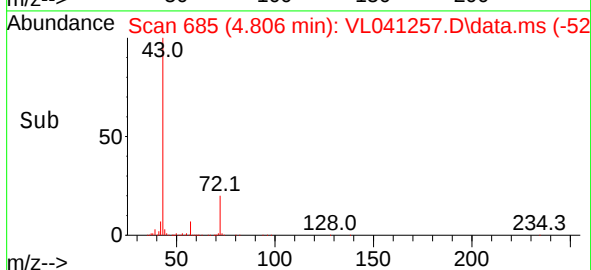
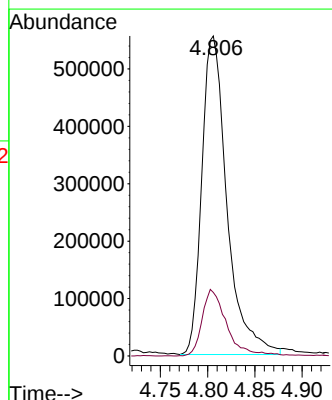
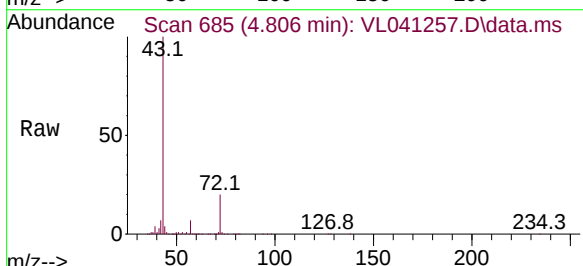
Acq: 9 May 2024 14:29

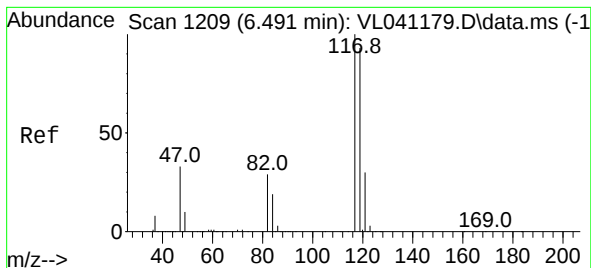
Tgt Ion: 43 Resp: 1027867

Ion Ratio Lower Upper

43 100

72 20.8 17.3 25.9





#35

Carbon Tetrachloride

Concen: 11.560 ppbv

RT: 6.510 min Scan# 117

Delta R.T. 0.000 min

Lab File: VL041257.D

Acq: 9 May 2024 14:29

Instrument :

MSVOA_L

ClientSampleId :

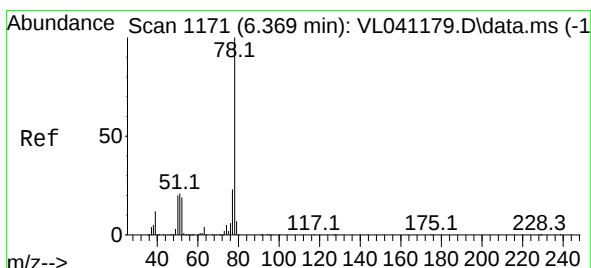
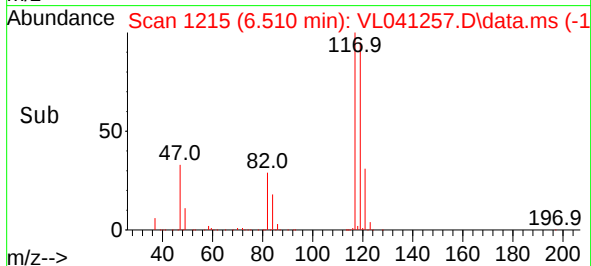
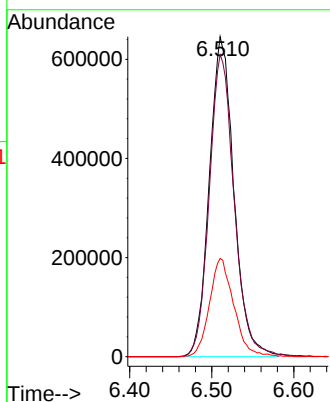
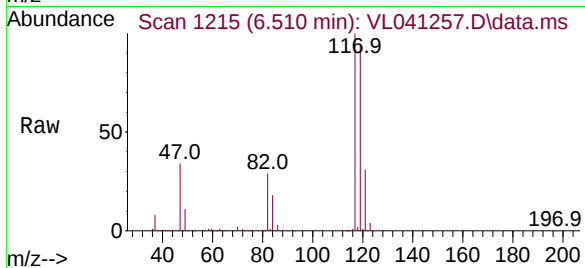
Tgt Ion:117 Resp: 1344967

Ion Ratio Lower Upper

117 100

119 94.4 74.3 111.5

121 30.7 23.8 35.8



#36

Benzene

Concen: 9.984 ppbv

RT: 6.388 min Scan# 1177

Delta R.T. 0.003 min

Lab File: VL041257.D

Acq: 9 May 2024 14:29

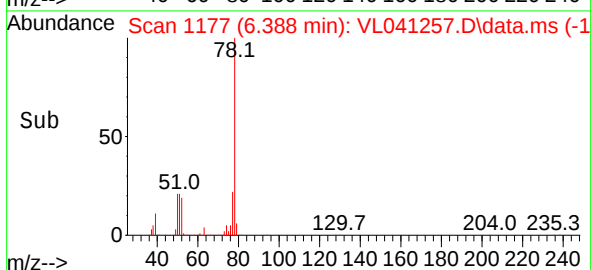
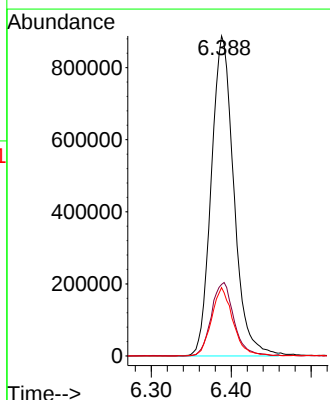
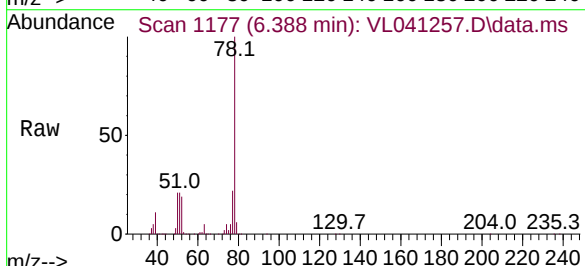
Tgt Ion: 78 Resp: 1736944

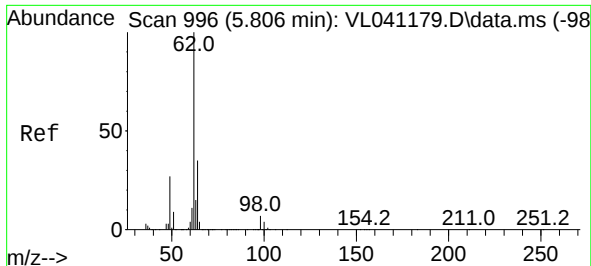
Ion Ratio Lower Upper

78 100

77 22.3 18.3 27.5

50 21.3 15.9 23.9





#37

1,2-Dichloroethane

Concen: 11.384 ppbv

RT: 5.825 min Scan# 1

Delta R.T. 0.003 min

Lab File: VL041257.D

Acq: 9 May 2024 14:29

Instrument :

MSVOA_L

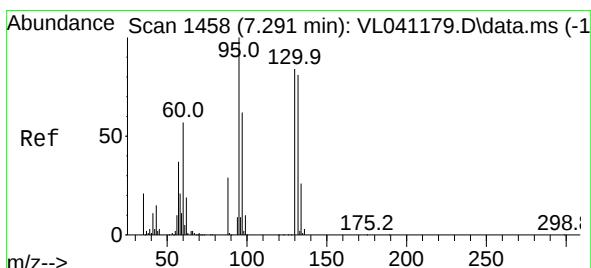
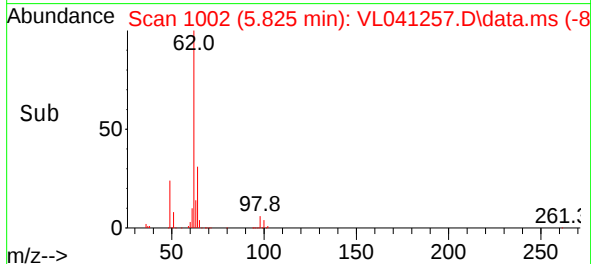
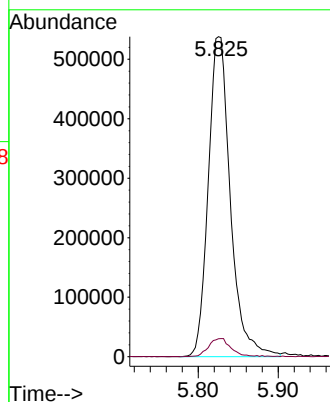
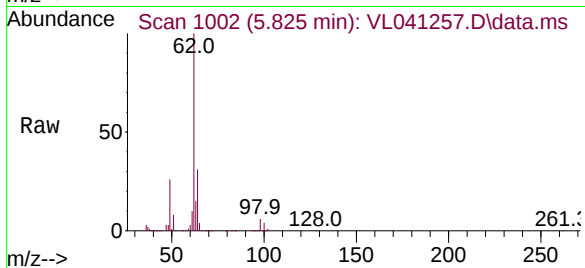
ClientSampleId :

Tgt Ion: 62 Resp: 1033372

Ion Ratio Lower Upper

62 100

98 6.0 5.0 7.4



#38

Trichloroethene

Concen: 10.854 ppbv

RT: 7.308 min Scan# 1463

Delta R.T. 0.000 min

Lab File: VL041257.D

Acq: 9 May 2024 14:29

Tgt Ion:130 Resp: 703706

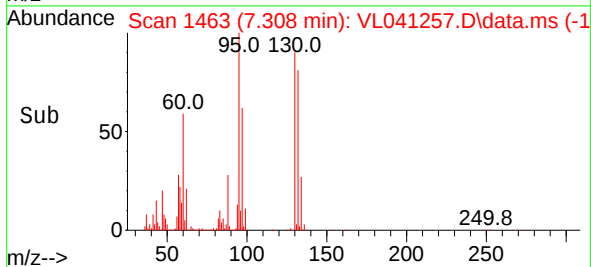
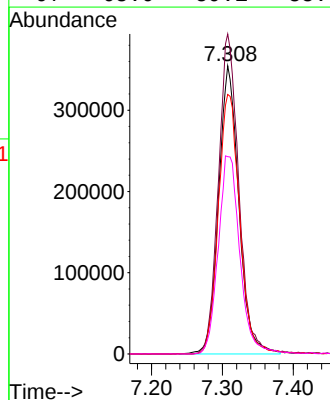
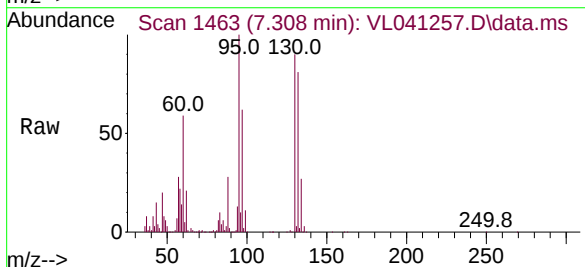
Ion Ratio Lower Upper

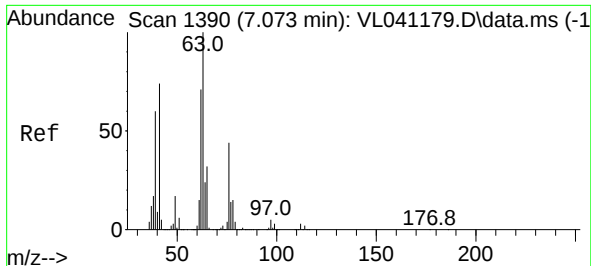
130 100

95 111.8 95.0 142.6

132 90.7 77.0 115.4

97 68.9 59.1 88.7





#39

1,2-Dichloropropane

Concen: 9.972 ppbv

RT: 7.089 min Scan# 1461

Delta R.T. 0.000 min

Lab File: VL041257.D

Acq: 9 May 2024 14:29

Instrument :

MSVOA_L

ClientSampleId :

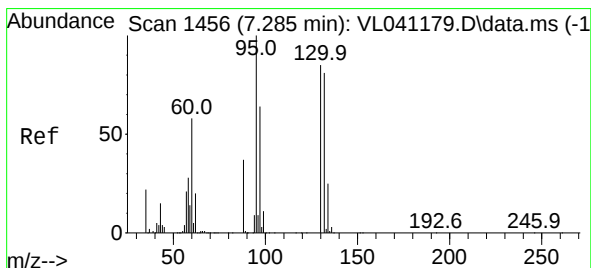
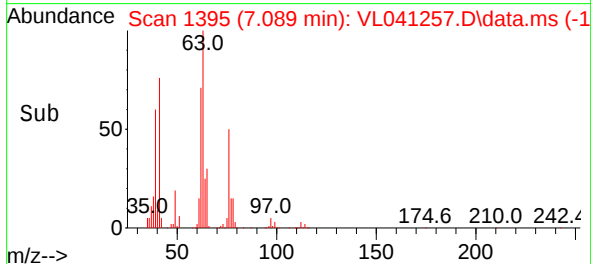
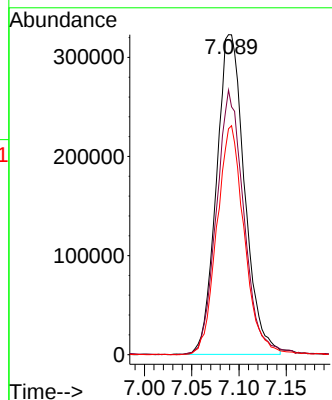
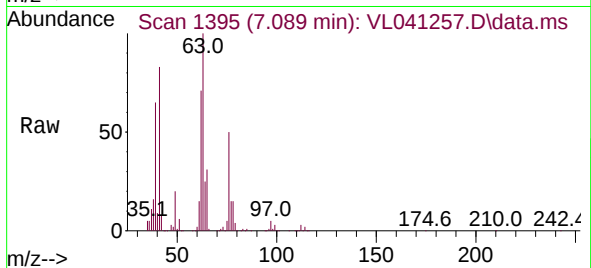
Tgt Ion: 63 Resp: 668581

Ion Ratio Lower Upper

63 100

41 82.6 59.4 89.0

62 70.7 56.8 85.2



#40

1,4-Dioxane

Concen: 11.362 ppbv

RT: 7.301 min Scan# 1461

Delta R.T. 0.003 min

Lab File: VL041257.D

Acq: 9 May 2024 14:29

Tgt Ion: 88 Resp: 272152

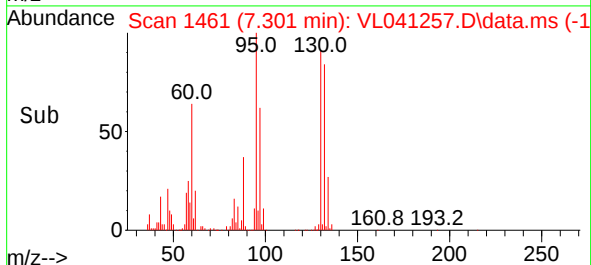
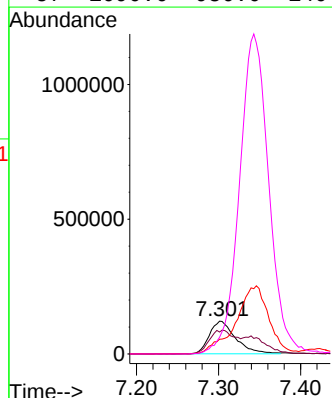
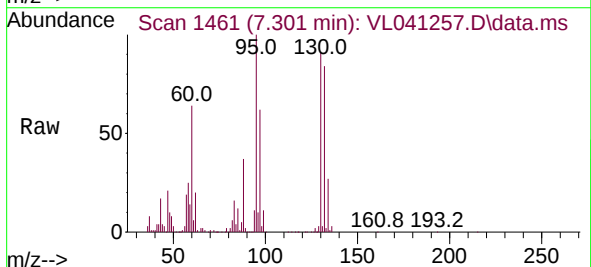
Ion Ratio Lower Upper

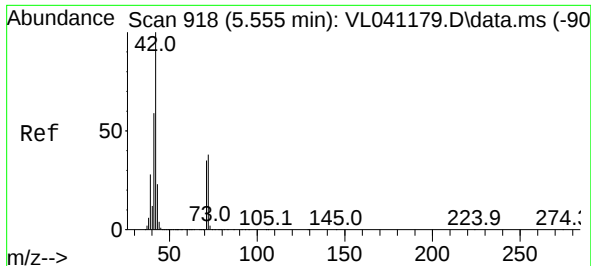
88 100

58 120.9 106.1 159.1

43 258.2 219.8 329.6

57 1090.6 936.0 1404.0





#41

Tetrahydrofuran

Concen: 9.524 ppbv

RT: 5.574 min Scan# 918

Delta R.T. 0.003 min

Lab File: VL041257.D

Acq: 9 May 2024 14:29

Instrument :

MSVOA_L

ClientSampleId :

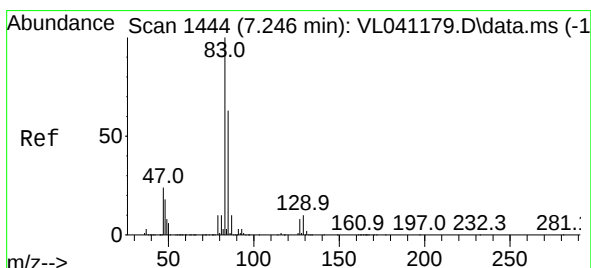
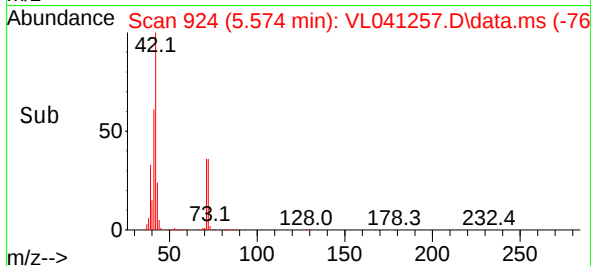
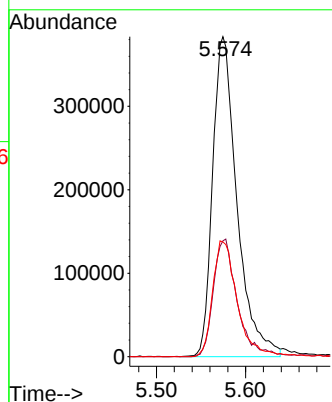
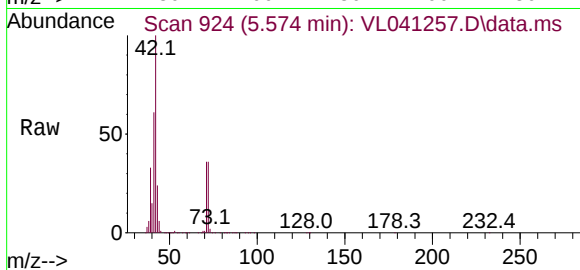
Tgt Ion: 42 Resp: 727530

Ion Ratio Lower Upper

42 100

72 36.8 29.4 44.0

71 36.9 29.1 43.7



#42

Bromodichloromethane

Concen: 11.203 ppbv

RT: 7.266 min Scan# 1450

Delta R.T. 0.003 min

Lab File: VL041257.D

Acq: 9 May 2024 14:29

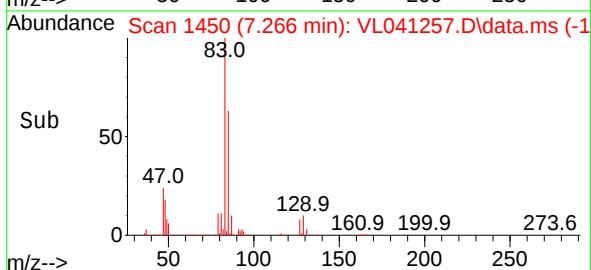
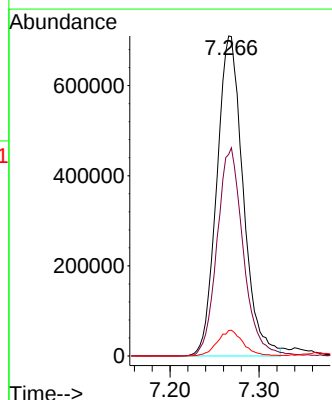
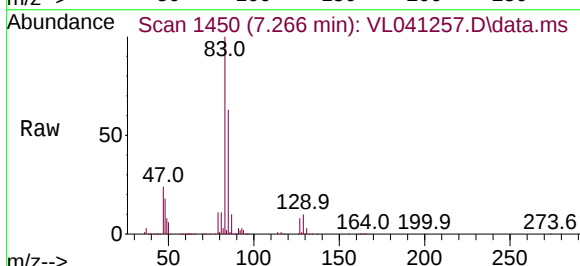
Tgt Ion: 83 Resp: 1458524

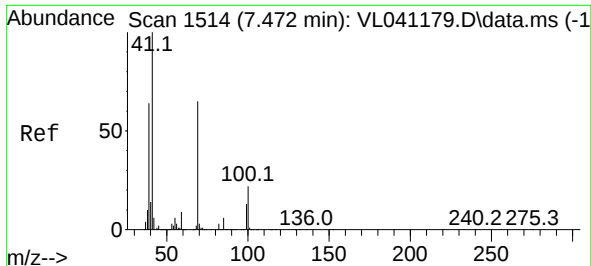
Ion Ratio Lower Upper

83 100

85 63.0 50.6 75.8

127 8.0 6.2 9.4





#43

Methyl Methacrylate

Concen: 9.941 ppbv

RT: 7.488 min Scan# 1474

Delta R.T. 0.000 min

Lab File: VL041257.D

Acq: 9 May 2024 14:29

Instrument :

MSVOA_L

ClientSampleId :

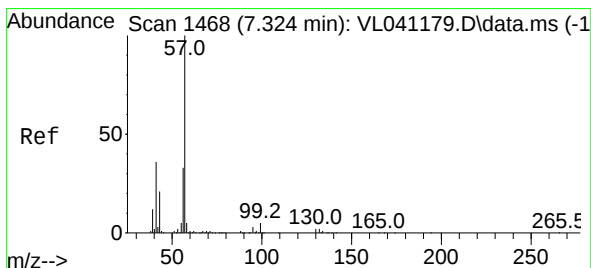
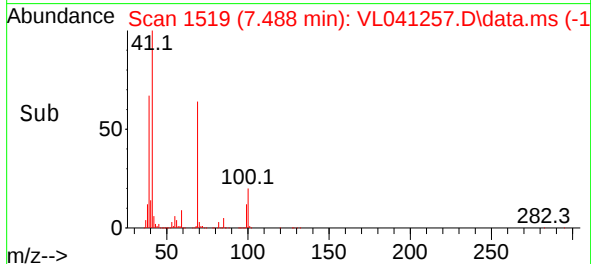
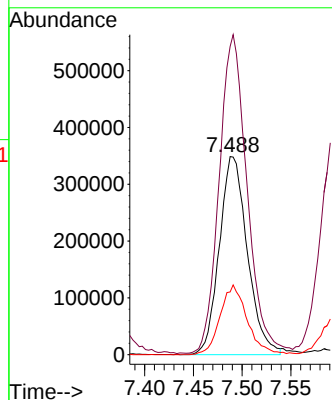
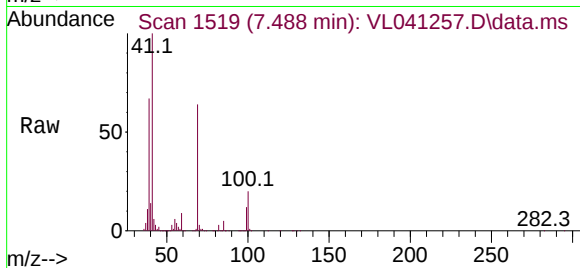
Tgt Ion: 69 Resp: 699511

Ion Ratio Lower Upper

69 100

41 161.1 125.2 187.8

100 34.1 26.7 40.1



#44

2,2,4-Trimethylpentane

Concen: 9.841 ppbv

RT: 7.343 min Scan# 1474

Delta R.T. 0.003 min

Lab File: VL041257.D

Acq: 9 May 2024 14:29

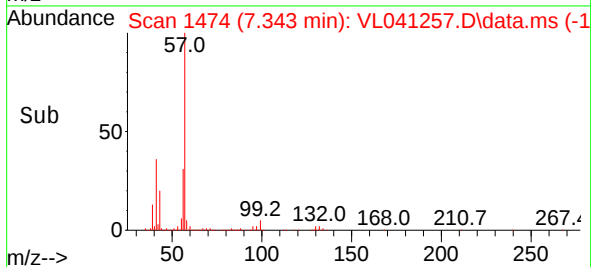
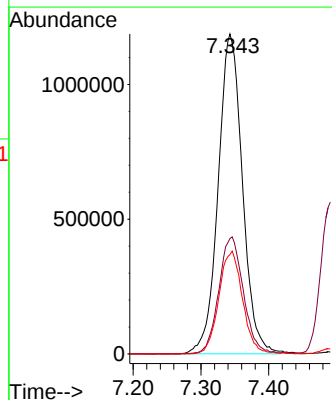
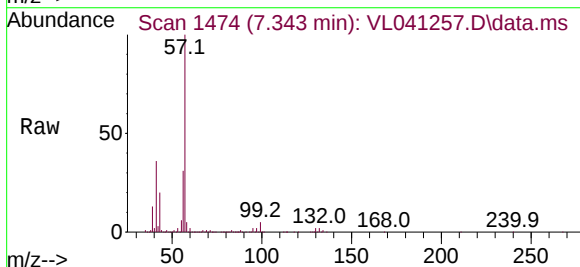
Tgt Ion: 57 Resp: 2951928

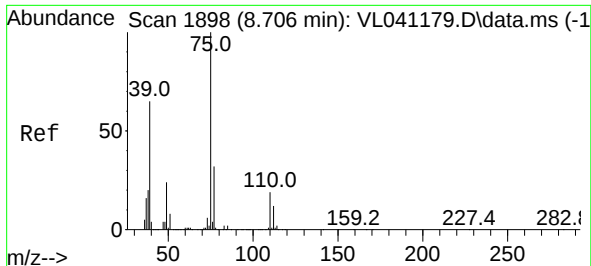
Ion Ratio Lower Upper

57 100

41 37.2 29.5 44.3

56 31.5 25.3 37.9





#45

t-1,3-Dichloropropene

Concen: 9.963 ppbv

RT: 8.725 min Scan# 1

Delta R.T. 0.003 min

Lab File: VL041257.D

Acq: 9 May 2024 14:29

Instrument :

MSVOA_L

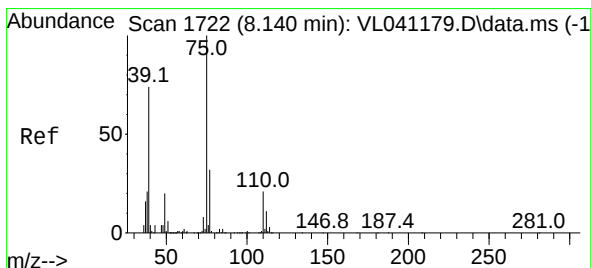
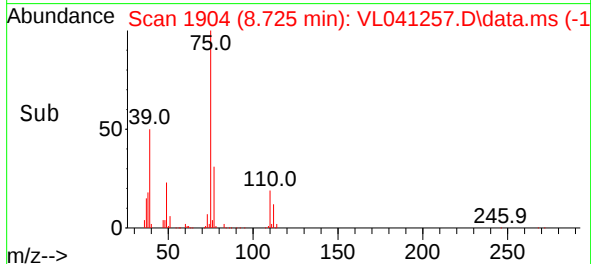
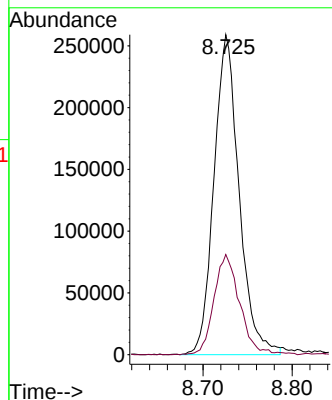
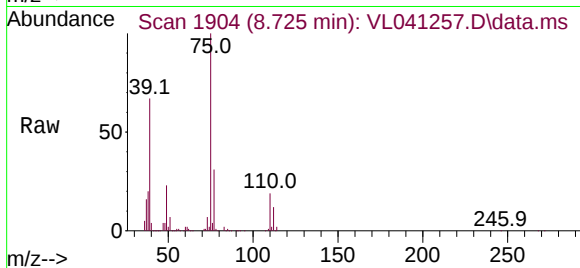
ClientSampleId :

Tgt Ion: 75 Resp: 508017

Ion Ratio Lower Upper

75 100

77 31.3 25.6 38.4



#46

cis-1,3-Dichloropropene

Concen: 10.080 ppbv

RT: 8.160 min Scan# 1728

Delta R.T. 0.003 min

Lab File: VL041257.D

Acq: 9 May 2024 14:29

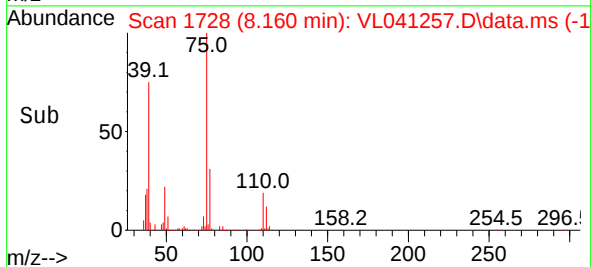
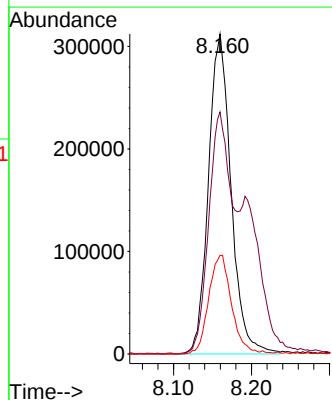
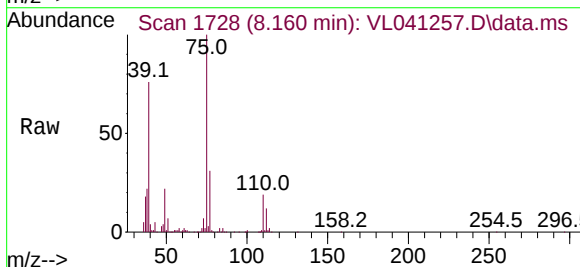
Tgt Ion: 75 Resp: 629272

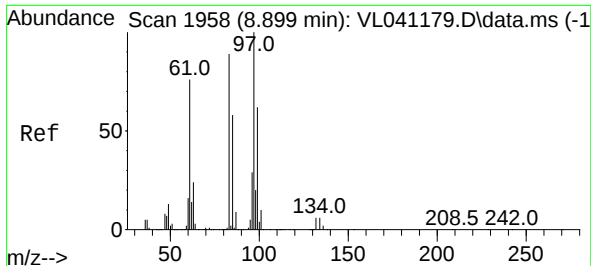
Ion Ratio Lower Upper

75 100

39 75.5 59.4 89.2

77 30.8 25.9 38.9





#47

1,1,2-Trichloroethane

Concen: 10.791 ppbv

RT: 8.912 min Scan# 1958

Delta R.T. -0.003 min

Lab File: VL041257.D

Acq: 9 May 2024 14:29

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 97 Resp: 724208

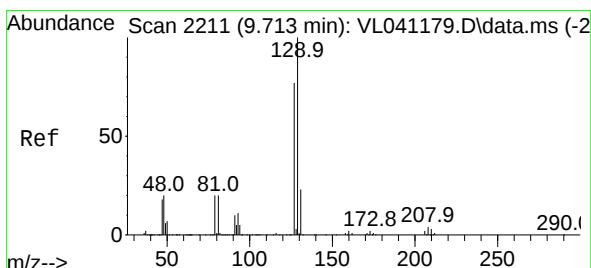
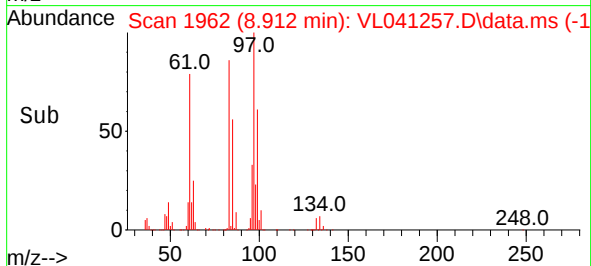
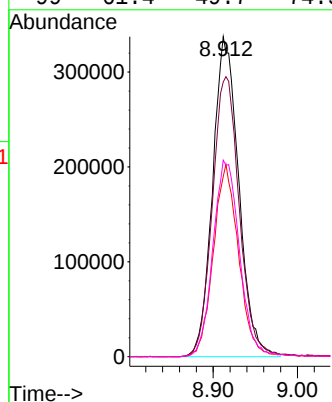
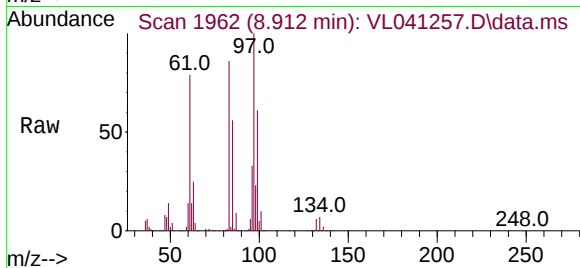
Ion Ratio Lower Upper

97 100

83 85.8 71.2 106.8

85 56.3 46.0 69.0

99 61.4 49.7 74.5



#48

Dibromochloromethane

Concen: 11.533 ppbv

RT: 9.725 min Scan# 2215

Delta R.T. 0.000 min

Lab File: VL041257.D

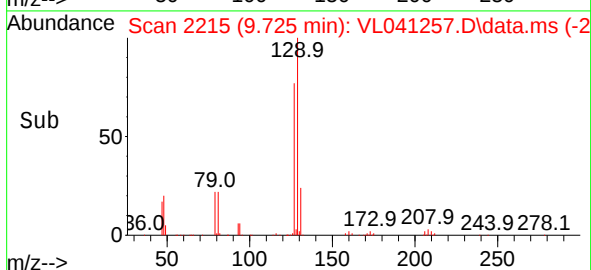
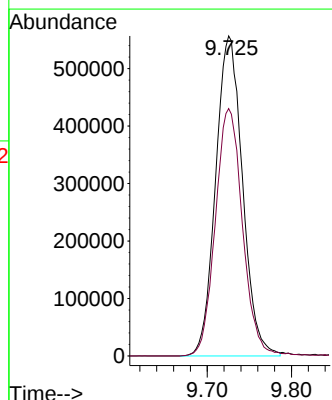
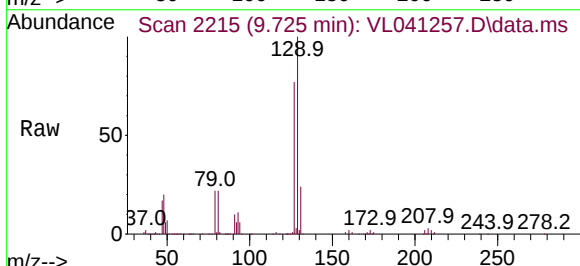
Acq: 9 May 2024 14:29

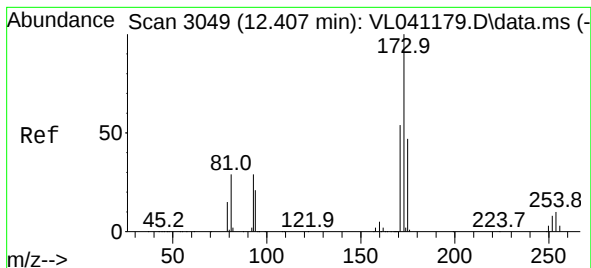
Tgt Ion: 129 Resp: 1233210

Ion Ratio Lower Upper

129 100

127 78.6 39.1 117.5





#49

Bromoform

Concen: 11.218 ppbv

RT: 12.420 min Scan# 3049

Delta R.T. 0.000 min

Lab File: VL041257.D

Acq: 9 May 2024 14:29

Instrument :

MSVOA_L

ClientSampleId :

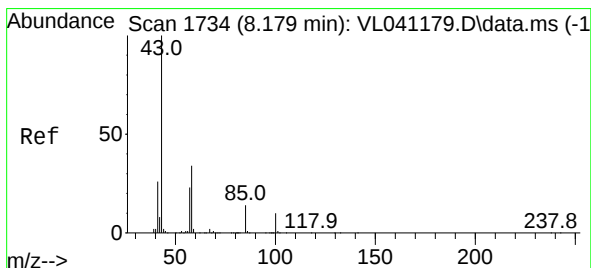
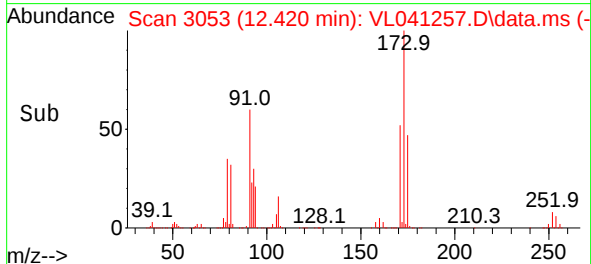
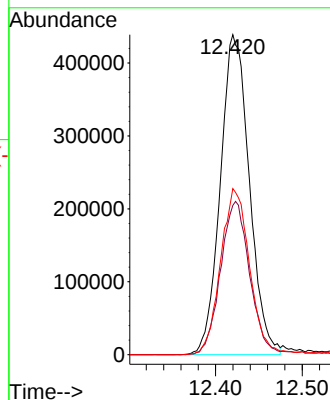
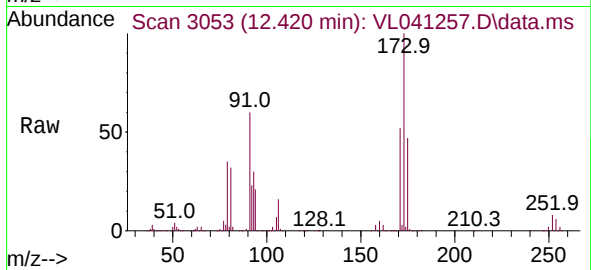
Tgt Ion:173 Resp: 1020402

Ion Ratio Lower Upper

173 100

175 49.2 39.8 59.8

171 52.2 41.8 62.8



#50

4-Methyl-2-Pentanone

Concen: 9.655 ppbv

RT: 8.195 min Scan# 1739

Delta R.T. 0.000 min

Lab File: VL041257.D

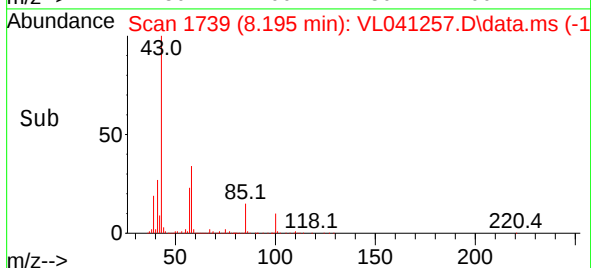
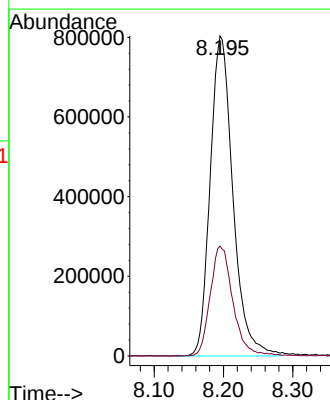
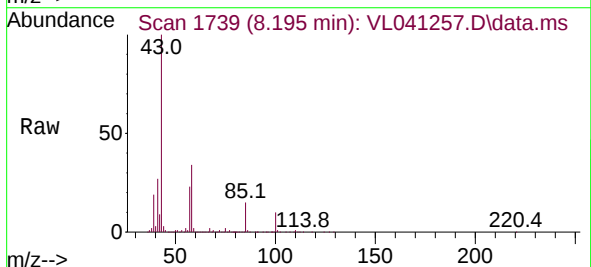
Acq: 9 May 2024 14:29

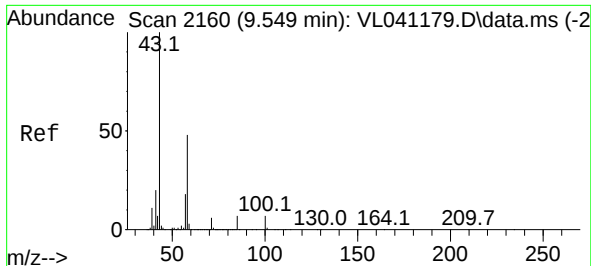
Tgt Ion: 43 Resp: 1828381

Ion Ratio Lower Upper

43 100

58 34.4 27.7 41.5

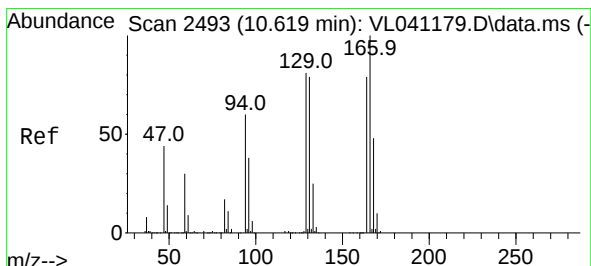
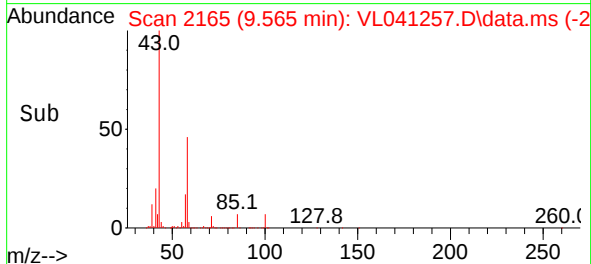
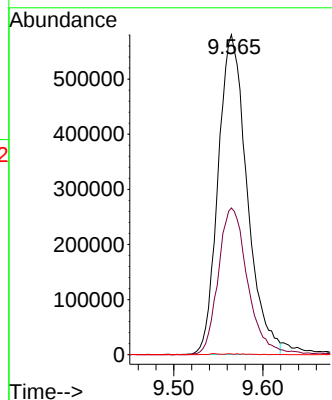
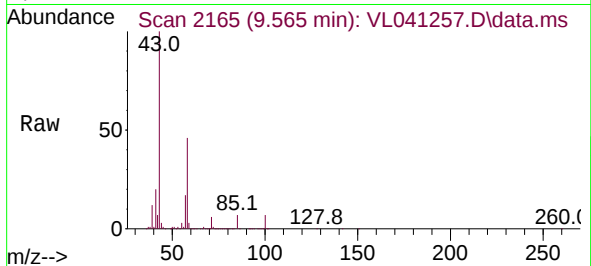




#51
2-Hexanone
Concen: 9.304 ppbv
RT: 9.565 min Scan# 2165
Delta R.T. 0.000 min
Lab File: VL041257.D
Acq: 9 May 2024 14:29

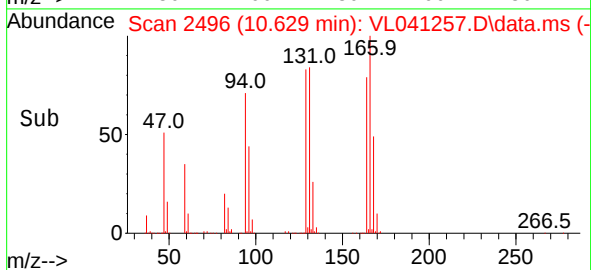
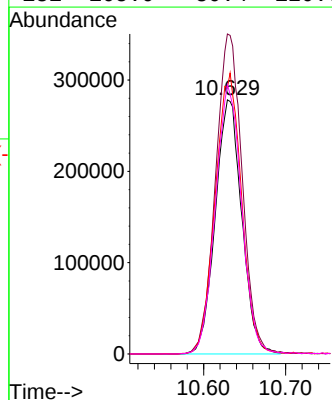
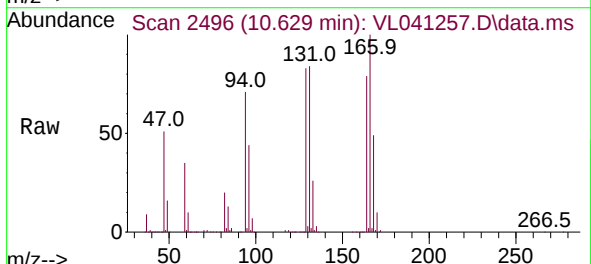
Instrument :
MSVOA_L
ClientSampleId :

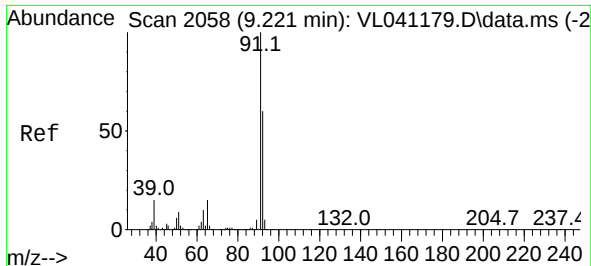
Tgt Ion: 43 Resp: 1306856
Ion Ratio Lower Upper
43 100
58 47.5 38.4 57.6
98 0.3 0.0 0.0#



#52
Tetrachloroethene
Concen: 10.186 ppbv
RT: 10.629 min Scan# 2496
Delta R.T. 0.000 min
Lab File: VL041257.D
Acq: 9 May 2024 14:29

Tgt Ion:164 Resp: 622874
Ion Ratio Lower Upper
164 100
166 125.8 101.1 151.7
129 104.8 81.7 122.5
131 105.9 80.4 120.6





#53

Toluene

Concen: 10.201 ppbv

RT: 9.237 min Scan# 2057

Delta R.T. 0.003 min

Lab File: VL041257.D

Acq: 9 May 2024 14:29

Instrument :

MSVOA_L

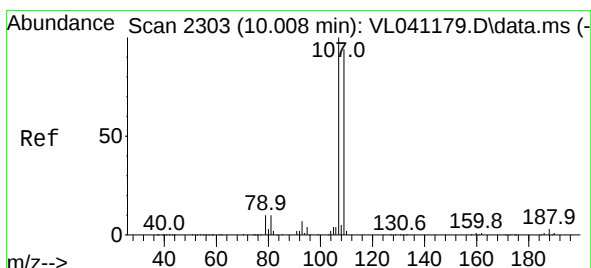
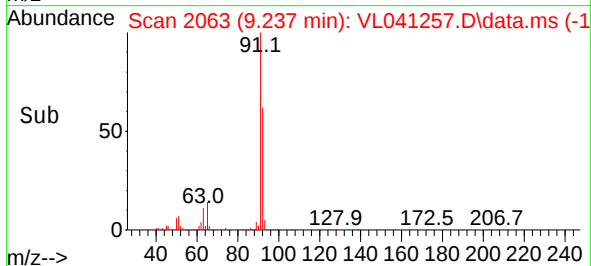
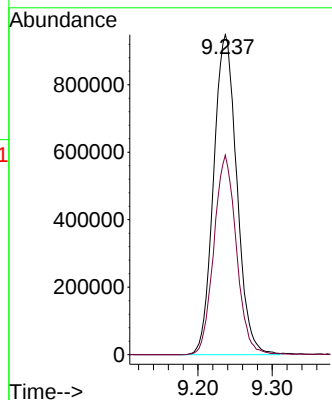
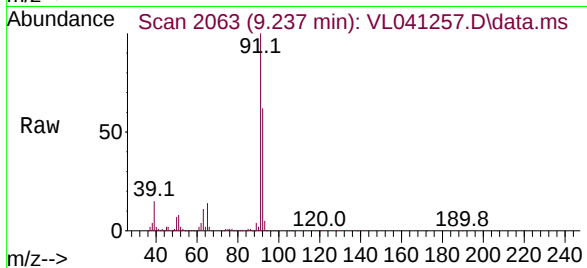
ClientSampleId :

Tgt Ion: 91 Resp: 2057847

Ion Ratio Lower Upper

91 100

92 60.6 48.2 72.4



#54

1,2-Dibromoethane

Concen: 10.963 ppbv

RT: 10.024 min Scan# 2308

Delta R.T. 0.003 min

Lab File: VL041257.D

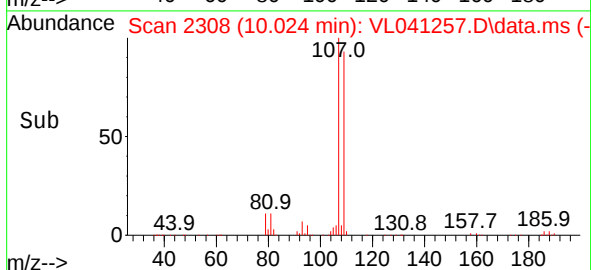
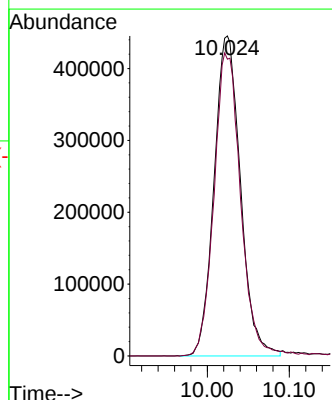
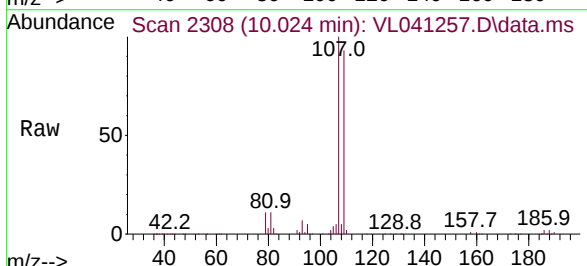
Acq: 9 May 2024 14:29

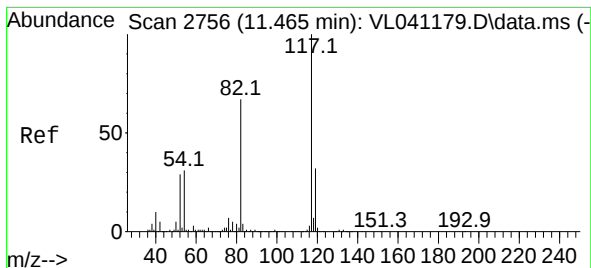
Tgt Ion:107 Resp: 996518

Ion Ratio Lower Upper

107 100

109 92.8 75.2 112.8





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.484 min Scan# 2762

Delta R.T. 0.003 min

Lab File: VL041257.D

Acq: 9 May 2024 14:29

Instrument :

MSVOA_L

ClientSampleId :

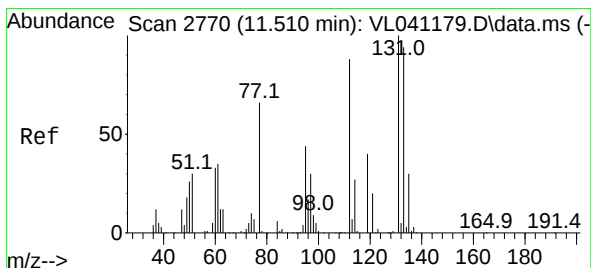
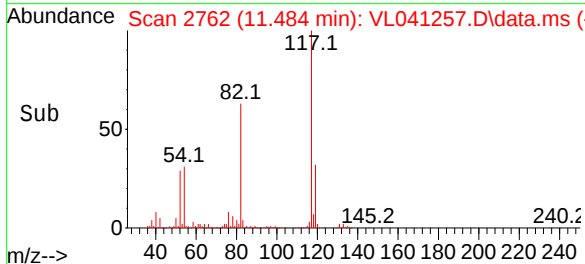
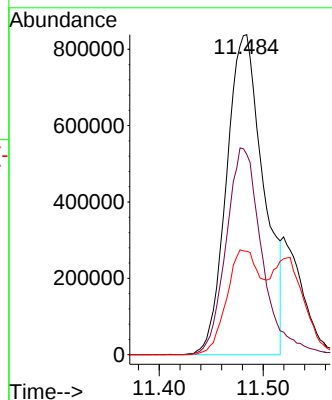
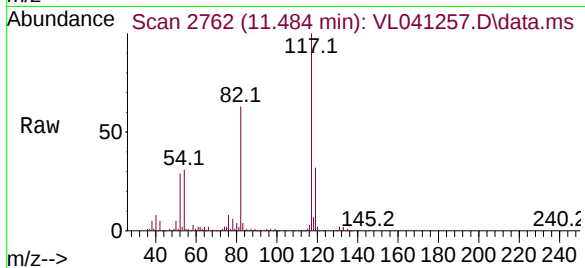
Tgt Ion:117 Resp: 2080067

Ion Ratio Lower Upper

117 100

82 63.0 53.6 80.4

119 32.5 27.2 40.8



#56

1,1,1,2-Tetrachloroethane

Concen: 10.640 ppbv

RT: 11.526 min Scan# 2775

Delta R.T. 0.003 min

Lab File: VL041257.D

Acq: 9 May 2024 14:29

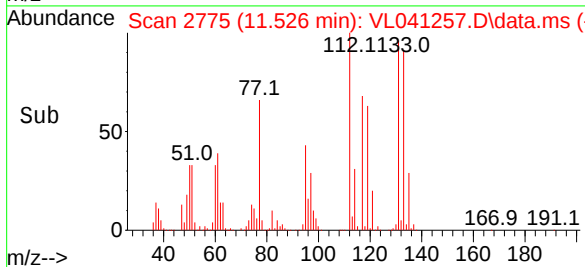
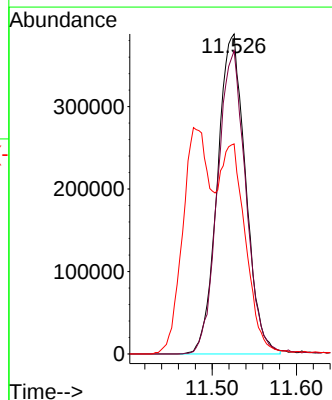
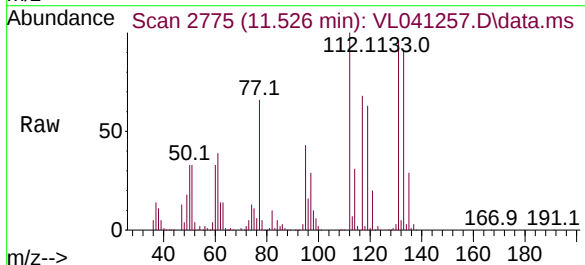
Tgt Ion:131 Resp: 897406

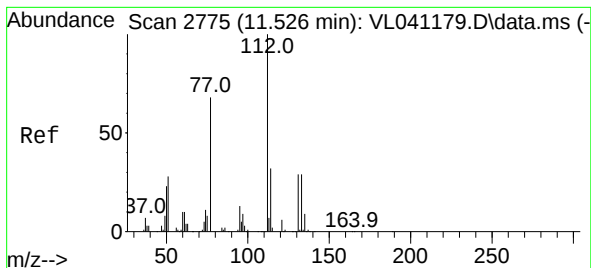
Ion Ratio Lower Upper

131 100

133 95.6 76.3 114.5

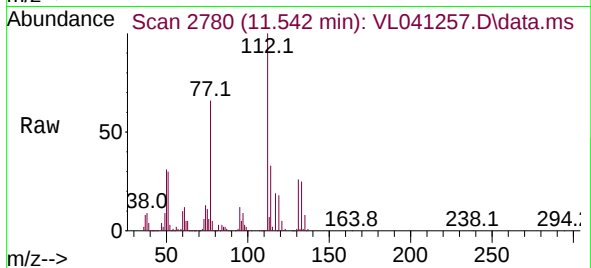
119 57.3 49.4 74.2



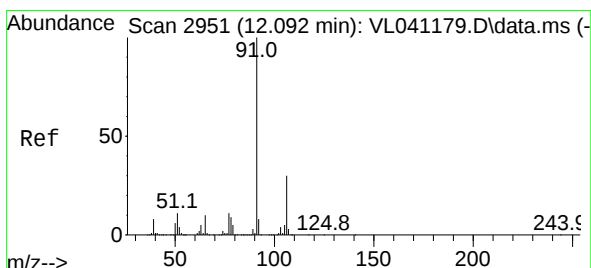
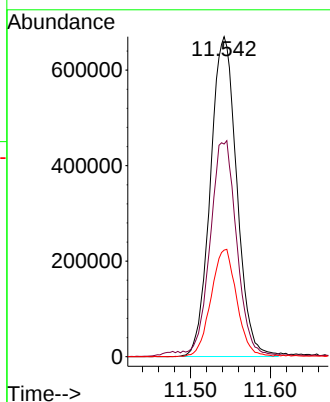
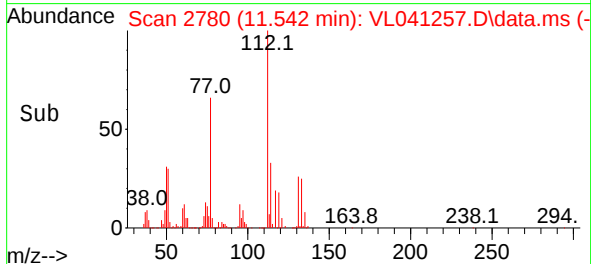


#57
Chlorobenzene
Concen: 10.065 ppbv
RT: 11.542 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL041257.D
Acq: 9 May 2024 14:29

Instrument :
MSVOA_L
ClientSampleId :

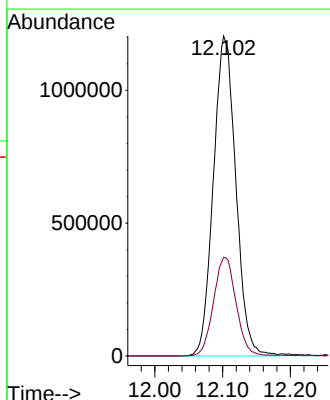
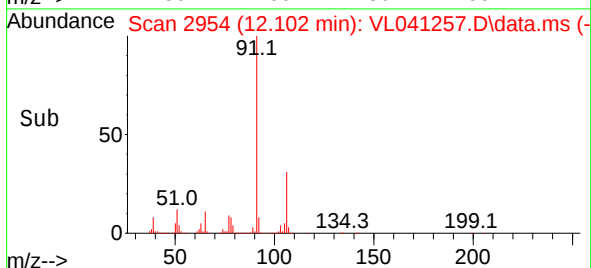
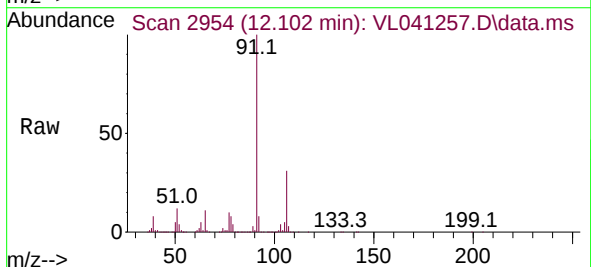


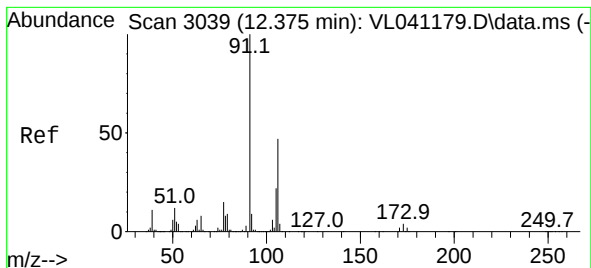
Tgt Ion:112 Resp: 1533228
Ion Ratio Lower Upper
112 100
77 65.6 54.9 82.3
114 33.2 28.7 35.1



#58
Ethyl Benzene
Concen: 9.718 ppbv
RT: 12.102 min Scan# 2954
Delta R.T. 0.000 min
Lab File: VL041257.D
Acq: 9 May 2024 14:29

Tgt Ion: 91 Resp: 2771771
Ion Ratio Lower Upper
91 100
106 30.9 24.3 36.5





#59

m/p-Xylene

Concen: 10.461 ppbv

RT: 12.384 min Scan# 3042

Delta R.T. 0.000 min

Lab File: VL041257.D

Acq: 9 May 2024 14:29

Instrument :

MSVOA_L

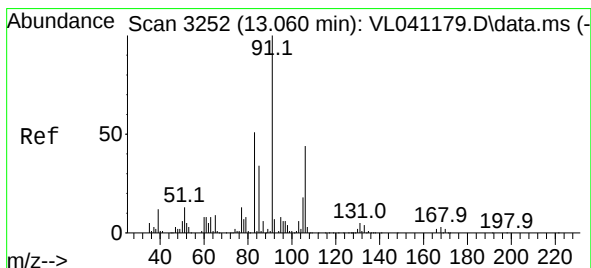
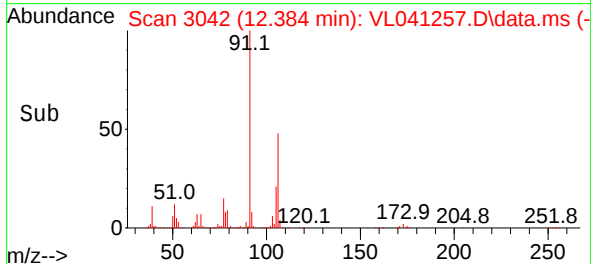
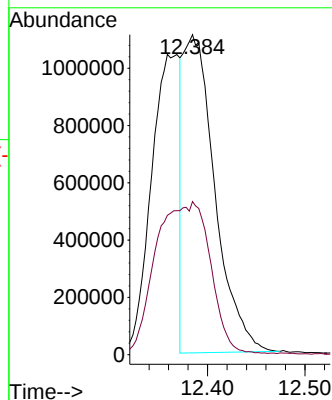
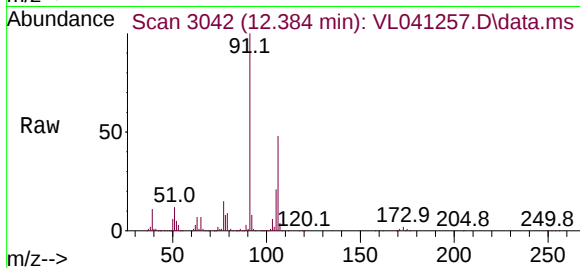
ClientSampleId :

Tgt Ion: 91 Resp: 2507661

Ion Ratio Lower Upper

91 100

106 83.4 35.7 53.5#



#60

o-Xylene

Concen: 9.929 ppbv

RT: 13.073 min Scan# 3256

Delta R.T. 0.003 min

Lab File: VL041257.D

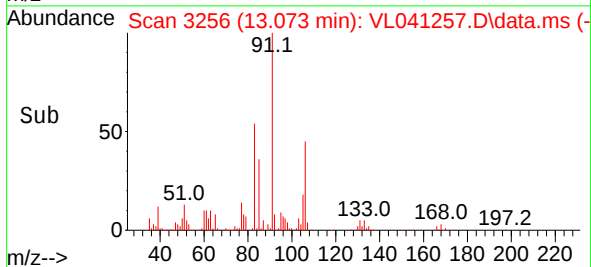
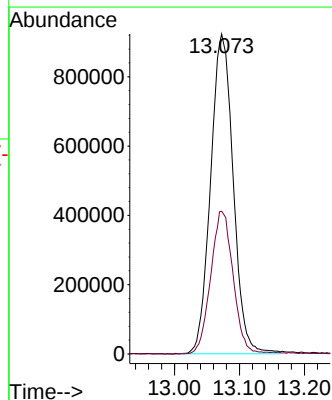
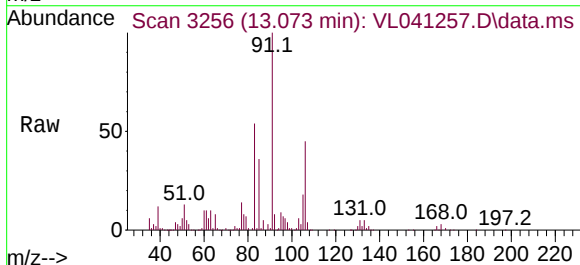
Acq: 9 May 2024 14:29

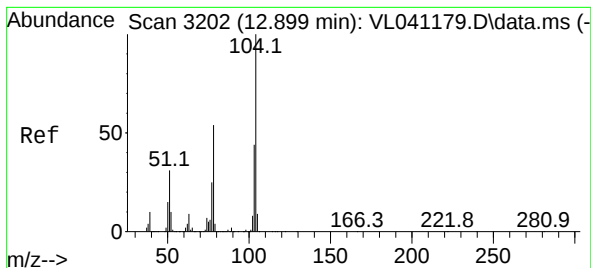
Tgt Ion: 91 Resp: 2231099

Ion Ratio Lower Upper

91 100

106 45.0 22.4 67.3





#61

Styrene

Concen: 10.105 ppbv

RT: 12.912 min Scan# 31

Delta R.T. 0.003 min

Lab File: VL041257.D

Acq: 9 May 2024 14:29

Instrument :

MSVOA_L

ClientSampleId :

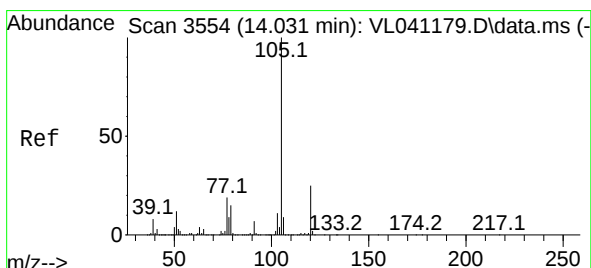
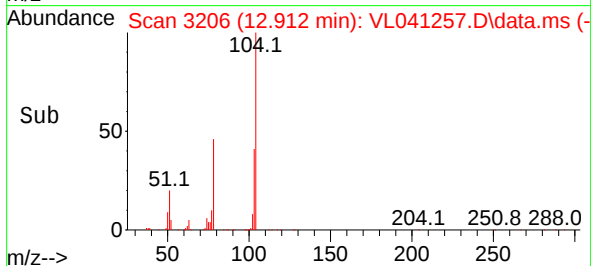
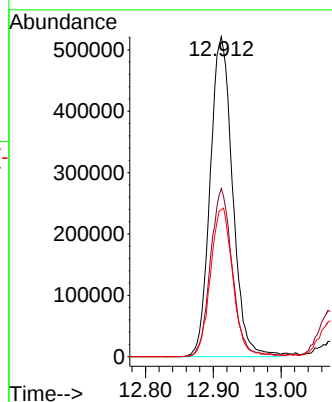
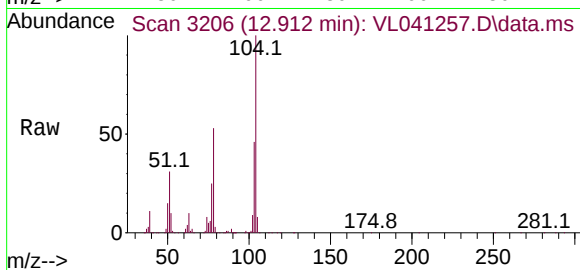
Tgt Ion:104 Resp: 1199484

Ion Ratio Lower Upper

104 100

78 51.4 42.6 63.8

103 46.6 38.4 57.6



#62

Isopropylbenzene

Concen: 9.837 ppbv

RT: 14.044 min Scan# 3558

Delta R.T. 0.000 min

Lab File: VL041257.D

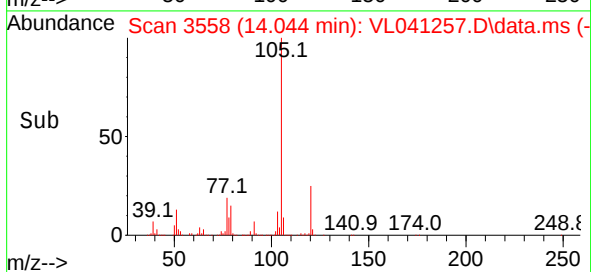
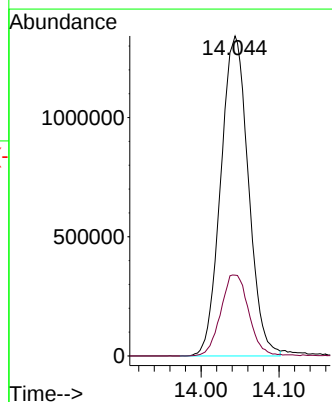
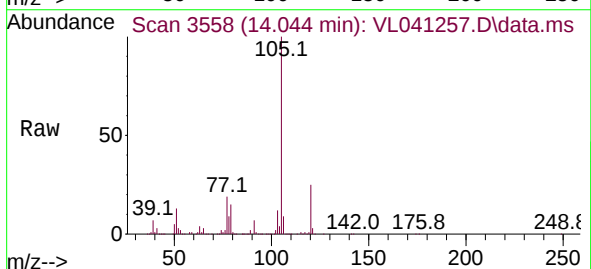
Acq: 9 May 2024 14:29

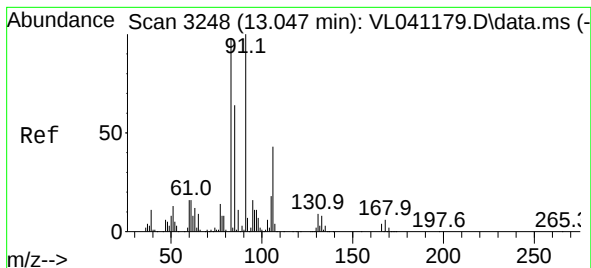
Tgt Ion:105 Resp: 3306223

Ion Ratio Lower Upper

105 100

120 26.0 20.2 30.2





#63

1,1,2,2-Tetrachloroethane

Concen: 10.125 ppbv

RT: 13.060 min Scan# 31

Delta R.T. 0.000 min

Lab File: VL041257.D

Acq: 9 May 2024 14:29

Instrument :

MSVOA_L

ClientSampleId :

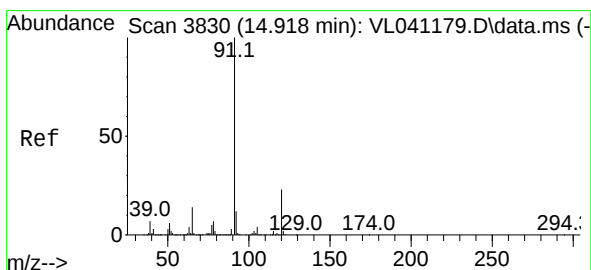
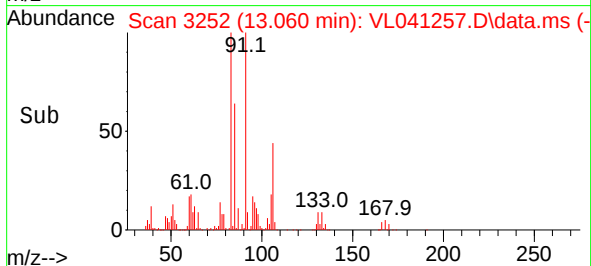
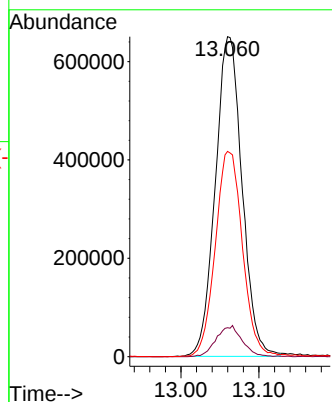
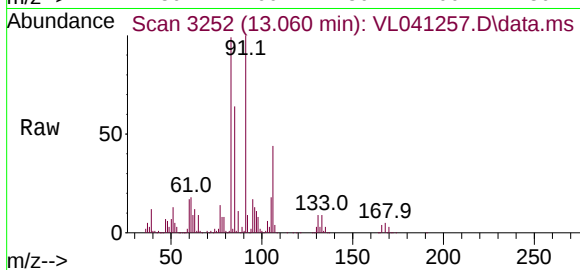
Tgt Ion: 83 Resp: 1550745

Ion Ratio Lower Upper

83 100

131 9.5 4.5 13.5

85 65.8 32.7 98.1



#64

n-propylbenzene

Concen: 10.409 ppbv

RT: 14.928 min Scan# 3833

Delta R.T. -0.003 min

Lab File: VL041257.D

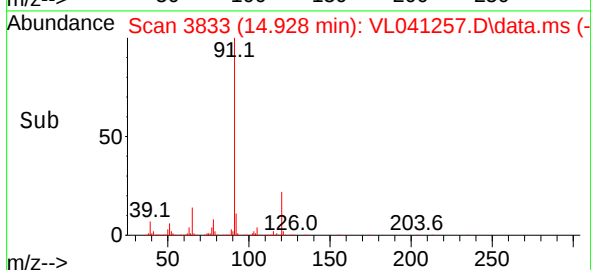
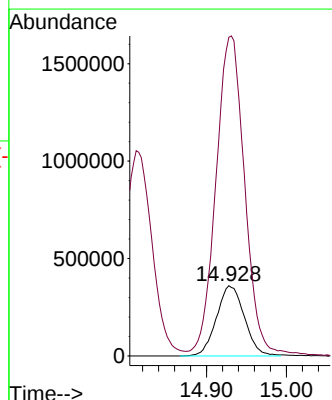
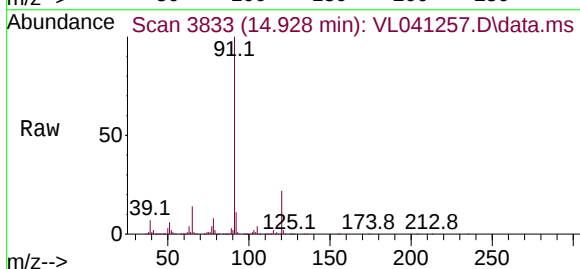
Acq: 9 May 2024 14:29

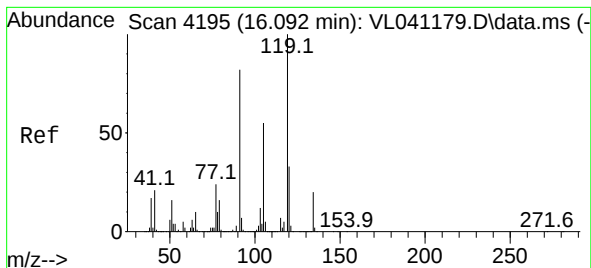
Tgt Ion:120 Resp: 872782

Ion Ratio Lower Upper

120 100

91 474.3 384.8 577.2





#65

tert-Butylbenzene

Concen: 9.791 ppbv

RT: 16.101 min Scan# 4195

Delta R.T. 0.000 min

Lab File: VL041257.D

Acq: 9 May 2024 14:29

Instrument :

MSVOA_L

ClientSampleId :

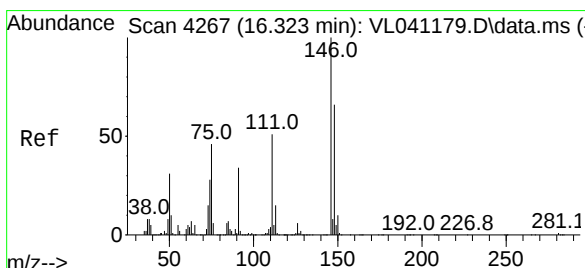
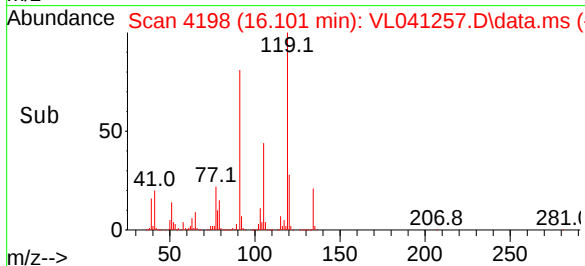
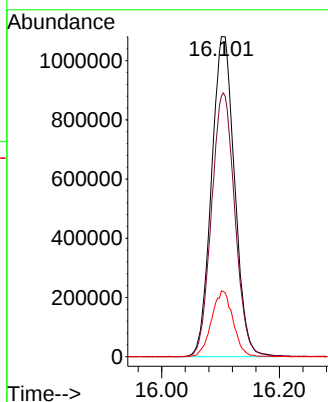
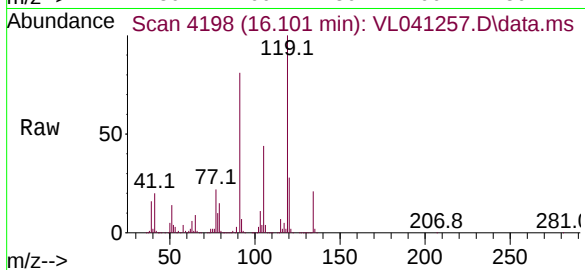
Tgt Ion:119 Resp: 2947530

Ion Ratio Lower Upper

119 100

91 83.5 67.0 100.4

134 19.2 15.2 22.8



#66

Benzyl Chloride

Concen: 4.889 ppbv

RT: 16.343 min Scan# 4273

Delta R.T. -0.003 min

Lab File: VL041257.D

Acq: 9 May 2024 14:29

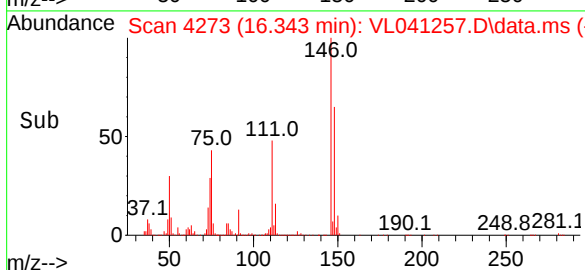
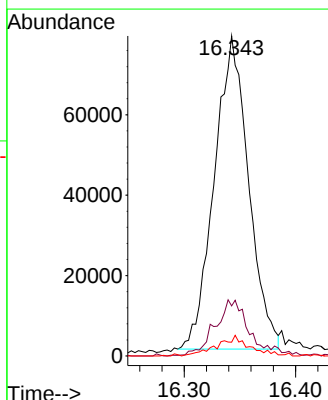
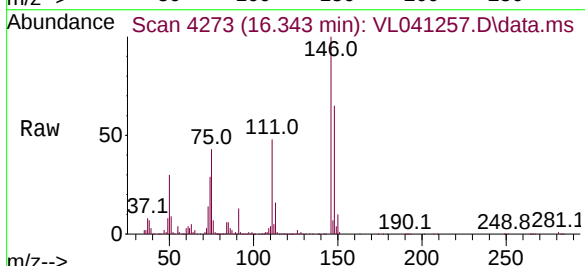
Tgt Ion: 91 Resp: 166612

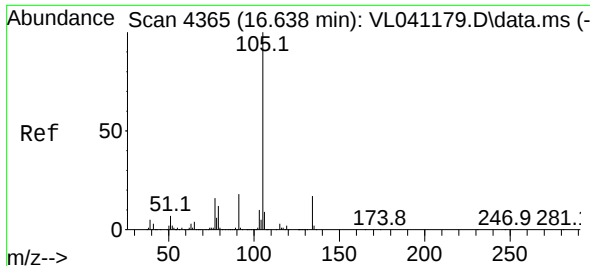
Ion Ratio Lower Upper

91 100

126 18.6 14.6 21.8

128 6.3 4.7 7.1





#67

sec-Butylbenzene

Concen: 9.802 ppbv

RT: 16.648 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL041257.D

Acq: 9 May 2024 14:29

Instrument :

MSVOA_L

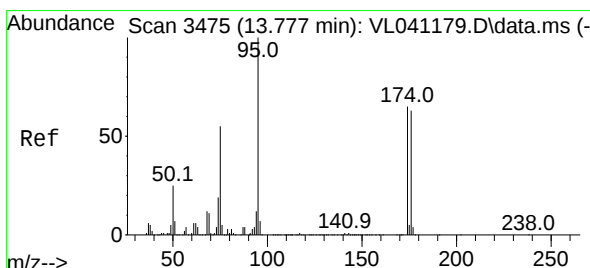
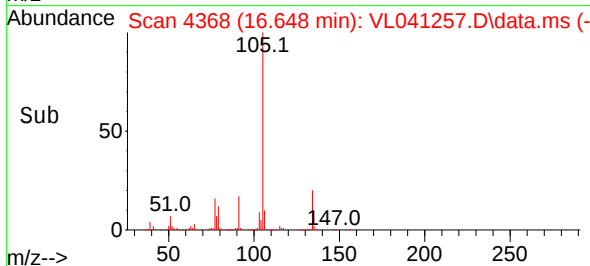
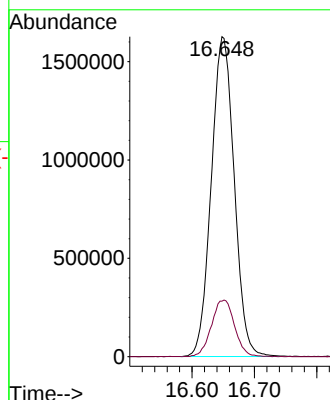
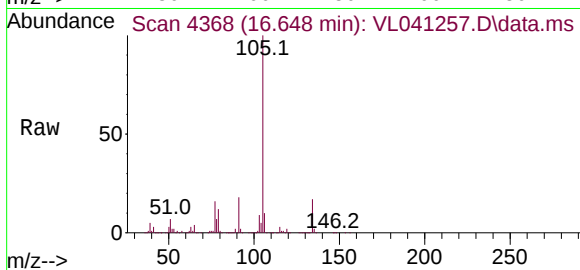
ClientSampleId :

Tgt Ion:105 Resp: 4153711

Ion Ratio Lower Upper

105 100

134 18.0 13.8 20.8



#68

1-Bromo-4-Fluorobenzene

Concen: 9.803 ppbv

RT: 13.790 min Scan# 3479

Delta R.T. 0.003 min

Lab File: VL041257.D

Acq: 9 May 2024 14:29

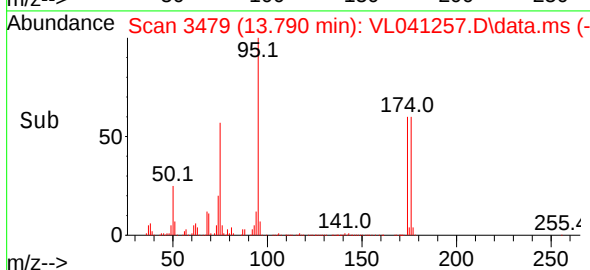
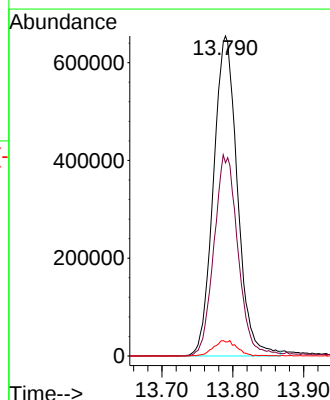
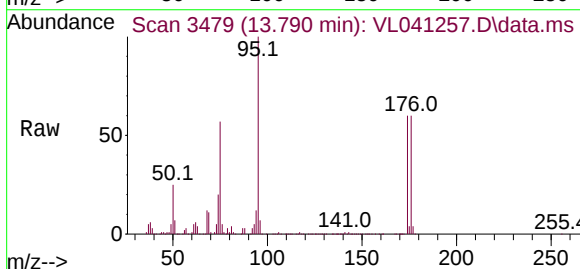
Tgt Ion: 95 Resp: 1539330

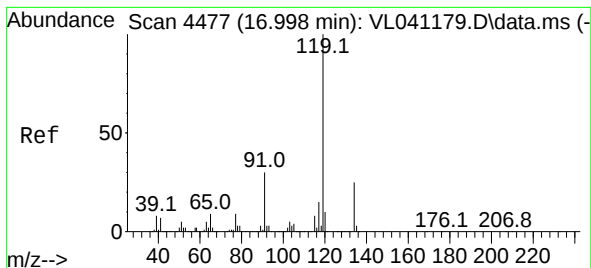
Ion Ratio Lower Upper

95 100

174 64.3 53.6 80.4

175 4.8 4.2 6.4





#69

p-Isopropyltoluene

Concen: 9.883 ppbv

RT: 17.008 min Scan# 4477

Delta R.T. 0.000 min

Lab File: VL041257.D

Acq: 9 May 2024 14:29

Instrument :

MSVOA_L

ClientSampleId :

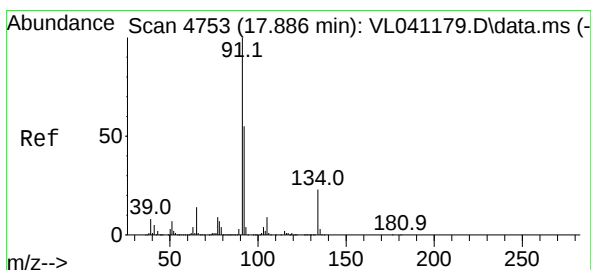
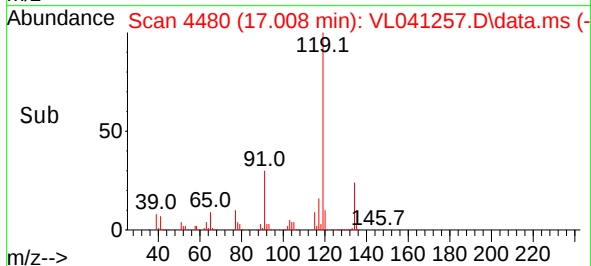
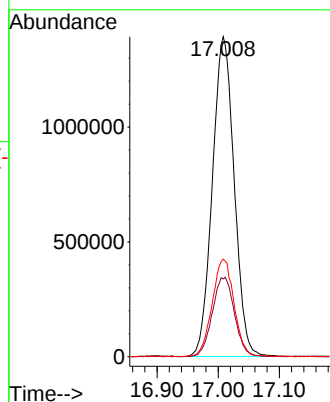
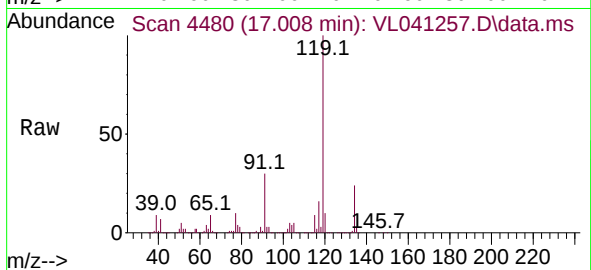
Tgt Ion:119 Resp: 3451221

Ion Ratio Lower Upper

119 100

134 25.3 20.1 30.1

91 30.6 24.2 36.2



#70

n-Butylbenzene

Concen: 9.972 ppbv

RT: 17.899 min Scan# 4757

Delta R.T. 0.000 min

Lab File: VL041257.D

Acq: 9 May 2024 14:29

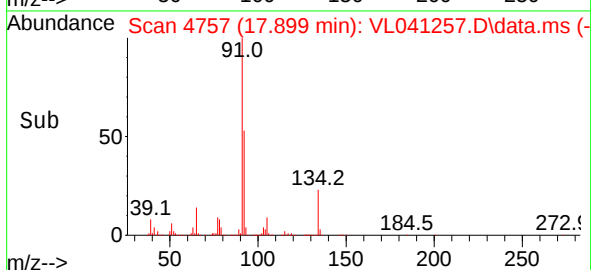
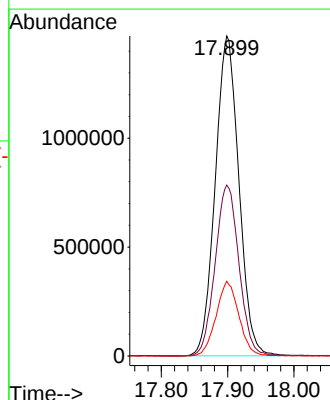
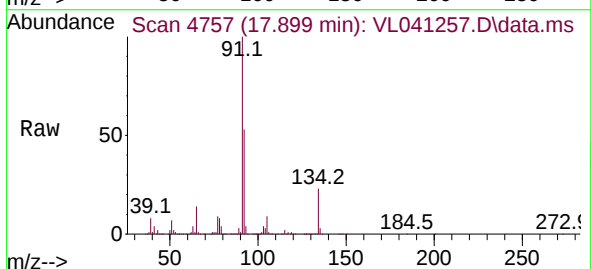
Tgt Ion: 91 Resp: 3636860

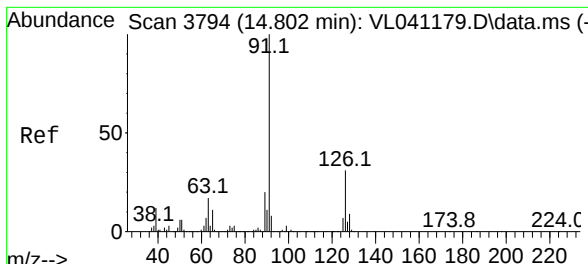
Ion Ratio Lower Upper

91 100

92 53.9 43.3 64.9

134 22.6 17.8 26.8

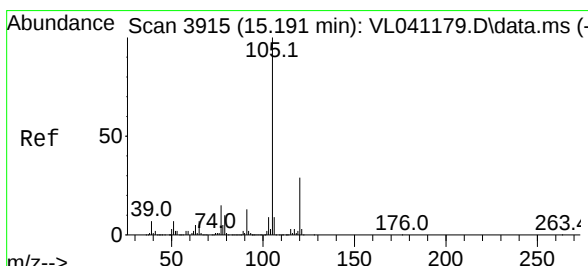
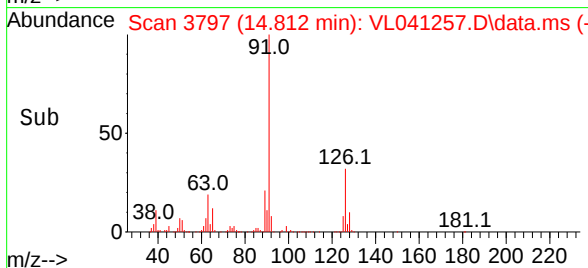
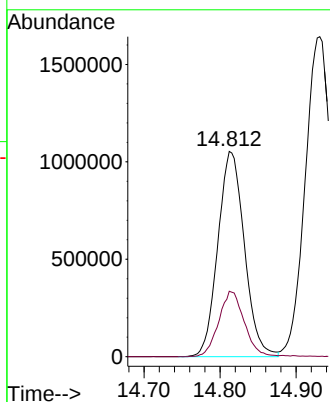
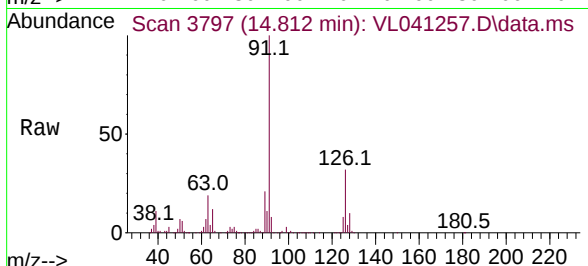




#71
2-Chlorotoluene
Concen: 9.981 ppbv
RT: 14.812 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL041257.D
Acq: 9 May 2024 14:29

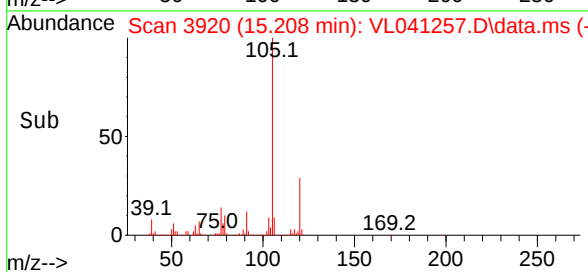
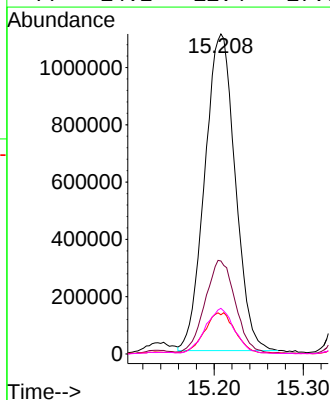
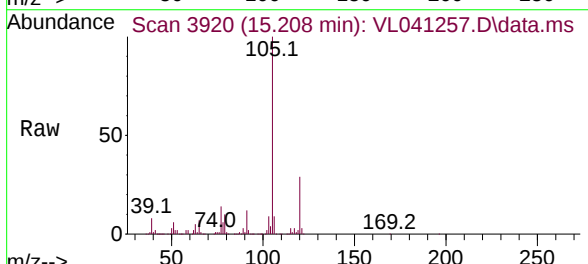
Instrument :
MSVOA_L
ClientSampleId :

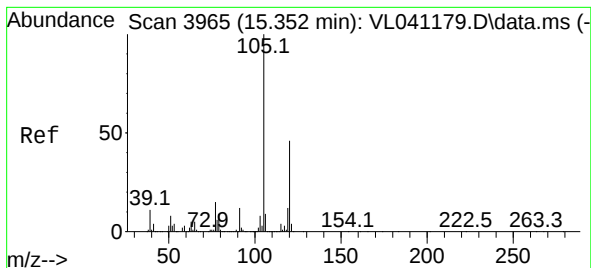
Tgt Ion: 91 Resp: 2554203
Ion Ratio Lower Upper
91 100
126 31.2 12.2 48.8



#72
4-Ethyltoluene
Concen: 10.318 ppbv
RT: 15.208 min Scan# 3920
Delta R.T. 0.000 min
Lab File: VL041257.D
Acq: 9 May 2024 14:29

Tgt Ion:105 Resp: 2626016
Ion Ratio Lower Upper
105 100
120 30.0 24.7 37.1
91 13.4 10.3 15.5
77 14.2 11.4 17.0





#73

1,3,5-Trimethylbenzene

Concen: 10.061 ppbv

RT: 15.365 min Scan# 3965

Delta R.T. 0.000 min

Lab File: VL041257.D

Acq: 9 May 2024 14:29

Instrument :

MSVOA_L

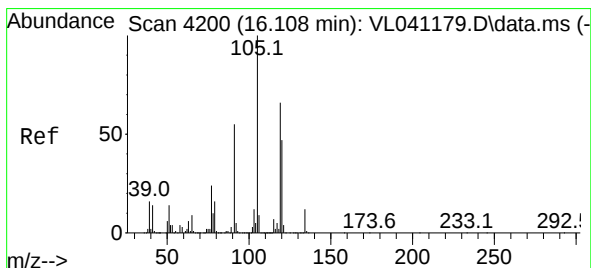
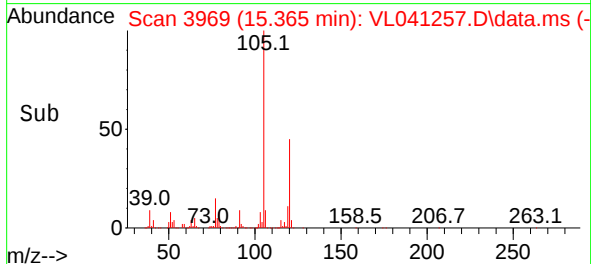
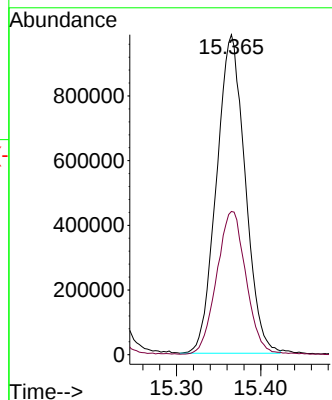
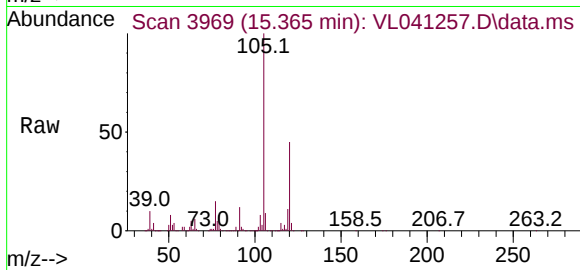
ClientSampleId :

Tgt Ion:105 Resp: 2316926

Ion Ratio Lower Upper

105 100

120 44.8 37.0 55.4



#74

1,2,4-Trimethylbenzene

Concen: 10.067 ppbv

RT: 16.121 min Scan# 4204

Delta R.T. 0.000 min

Lab File: VL041257.D

Acq: 9 May 2024 14:29

Tgt Ion:105 Resp: 2531884

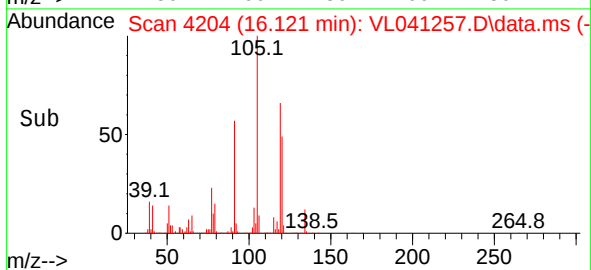
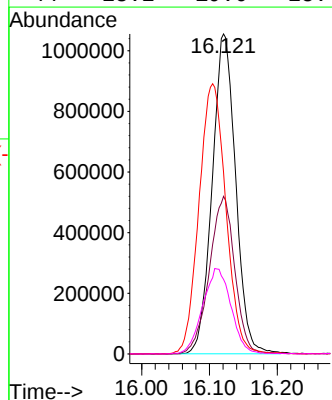
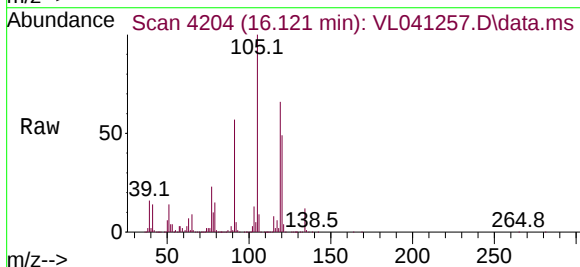
Ion Ratio Lower Upper

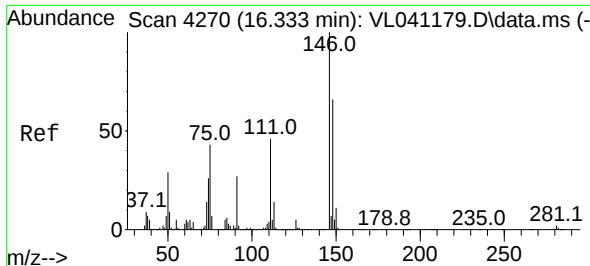
105 100

120 49.0 37.8 56.6

91 56.4 44.3 66.5

77 23.2 19.0 28.4

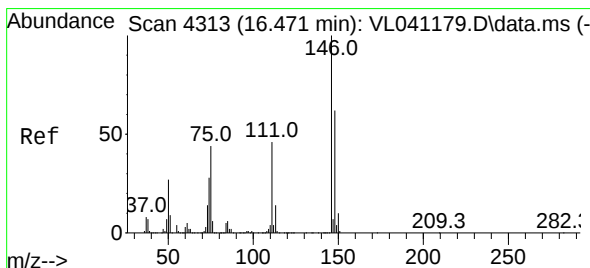
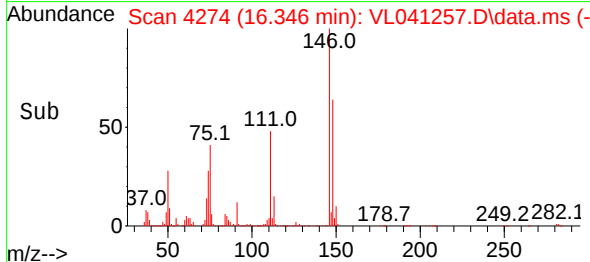
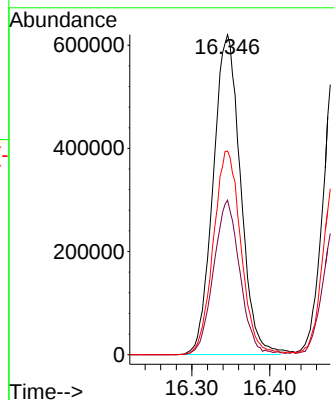
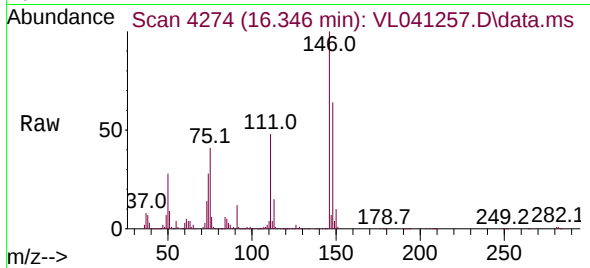




#75
1,3-Dichlorobenzene
Concen: 10.453 ppbv
RT: 16.346 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL041257.D
Acq: 9 May 2024 14:29

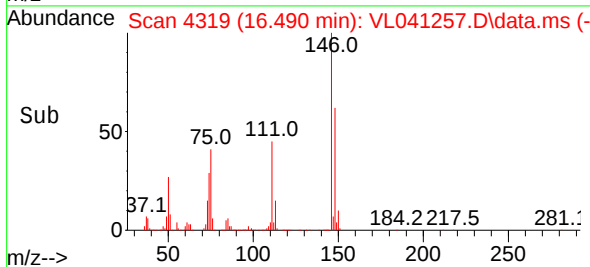
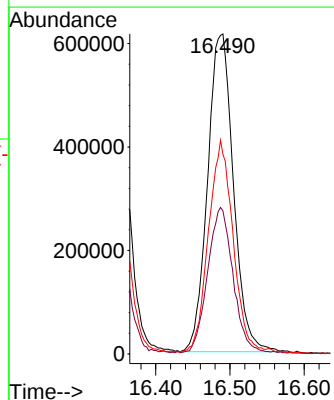
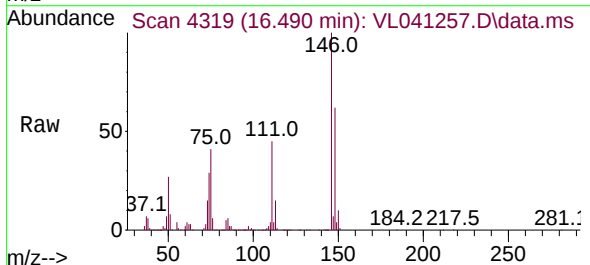
Instrument :
MSVOA_L
ClientSampleId :

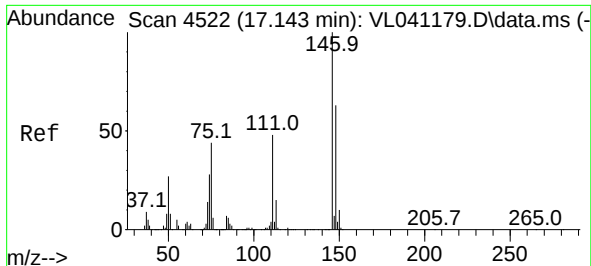
Tgt Ion:146 Resp: 1507498
Ion Ratio Lower Upper
146 100
111 46.8 23.7 71.1
148 64.4 32.5 97.4



#76
1,4-Dichlorobenzene
Concen: 10.707 ppbv
RT: 16.490 min Scan# 4319
Delta R.T. 0.007 min
Lab File: VL041257.D
Acq: 9 May 2024 14:29

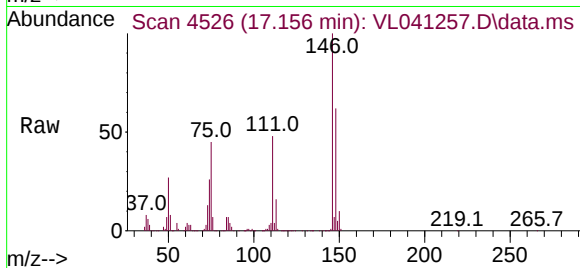
Tgt Ion:146 Resp: 1484996
Ion Ratio Lower Upper
146 100
111 45.8 23.3 69.8
148 65.4 32.6 97.7



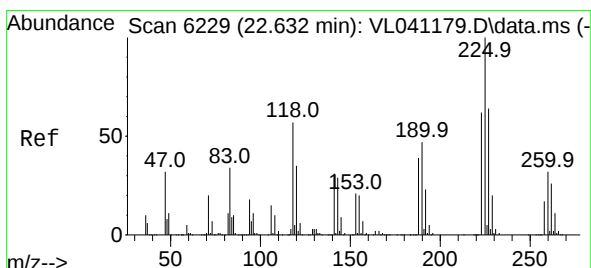
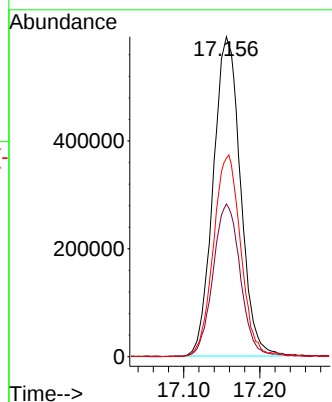
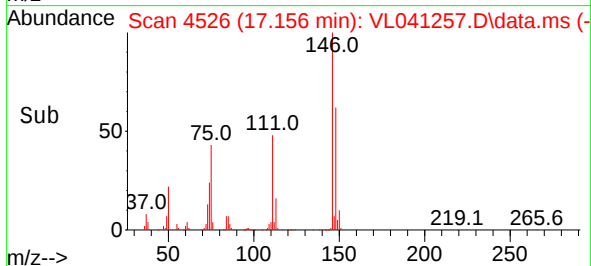


#77
1,2-Dichlorobenzene
Concen: 10.203 ppbv
RT: 17.156 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL041257.D
Acq: 9 May 2024 14:29

Instrument :
MSVOA_L
ClientSampleId :

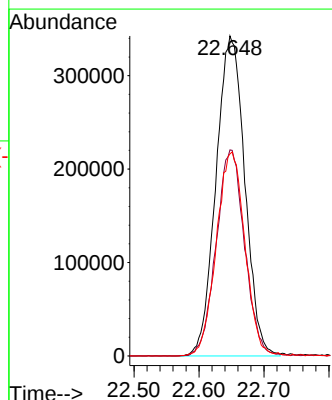
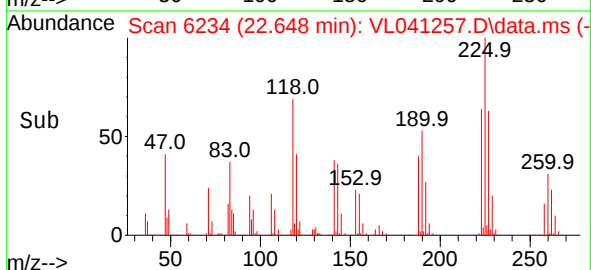
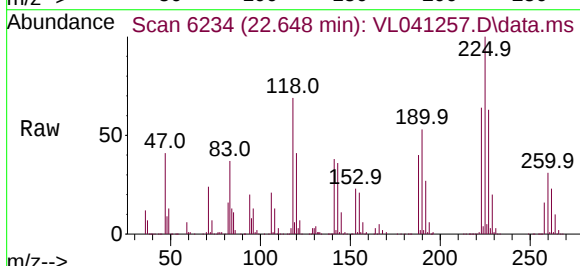


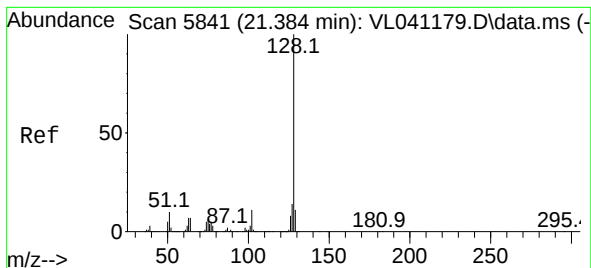
Tgt Ion:146 Resp: 1470883
Ion Ratio Lower Upper
146 100
111 48.3 24.5 73.5
148 63.9 32.6 98.0



#78
Hexachloro-1,3-Butadiene
Concen: 8.227 ppbv
RT: 22.648 min Scan# 6234
Delta R.T. 0.000 min
Lab File: VL041257.D
Acq: 9 May 2024 14:29

Tgt Ion:225 Resp: 1054097
Ion Ratio Lower Upper
225 100
223 63.5 50.9 76.3
227 63.4 52.0 78.0





#79

Naphthalene

Concen: 10.543 ppbv

RT: 21.400 min Scan# 5846

Delta R.T. 0.000 min

Lab File: VL041257.D

Acq: 9 May 2024 14:29

Instrument :

MSVOA_L

ClientSampleId :

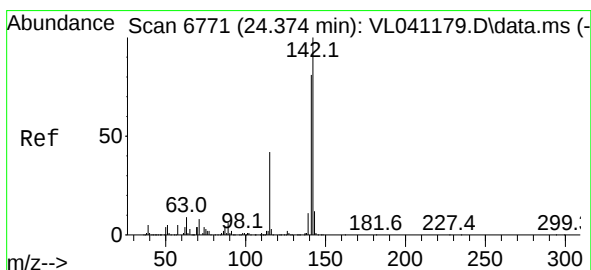
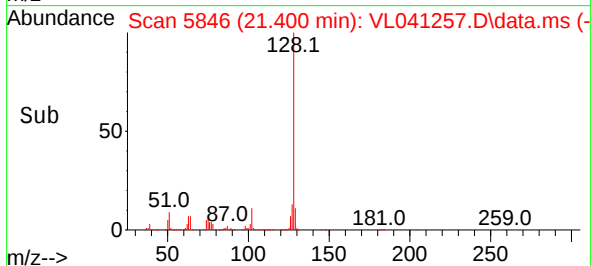
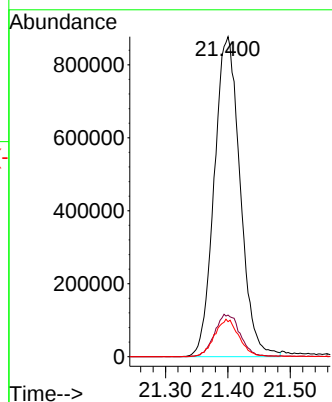
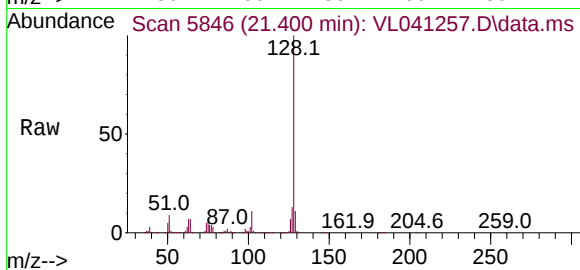
Tgt Ion:128 Resp: 2525015

Ion Ratio Lower Upper

128 100

127 13.0 10.8 16.2

129 11.0 8.9 13.3



#80

Naphthalene,2-methyl-

Concen: 8.294 ppbv

RT: 24.387 min Scan# 6775

Delta R.T. 0.000 min

Lab File: VL041257.D

Acq: 9 May 2024 14:29

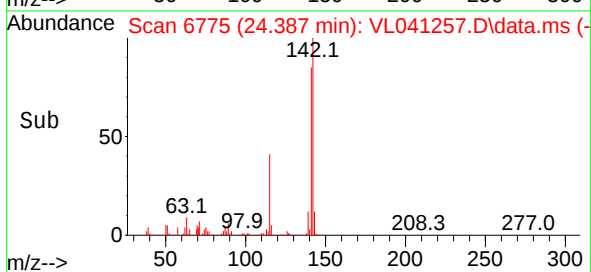
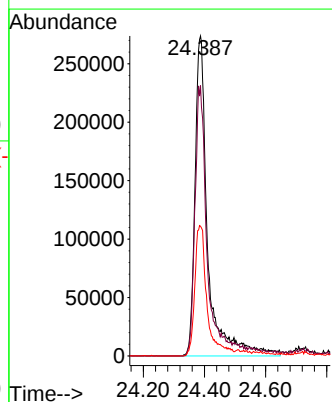
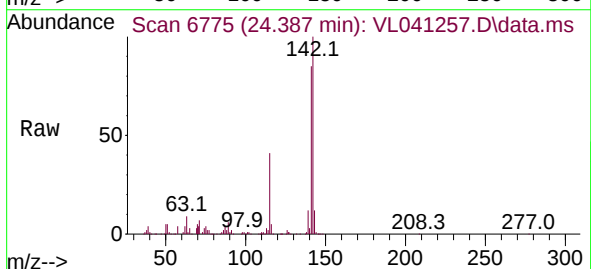
Tgt Ion:142 Resp: 799103

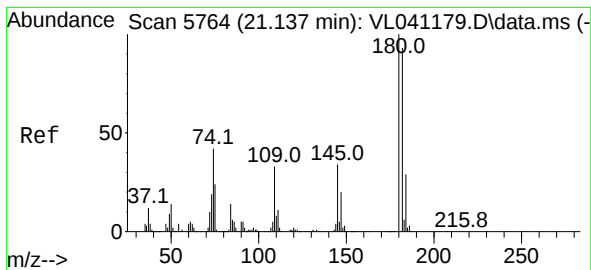
Ion Ratio Lower Upper

142 100

141 80.8 67.9 101.9

115 40.4 31.4 47.0





#81

1,2,4-Trichlorobenzene

Concen: 9.524 ppbv

RT: 21.156 min Scan# 51

Delta R.T. 0.003 min

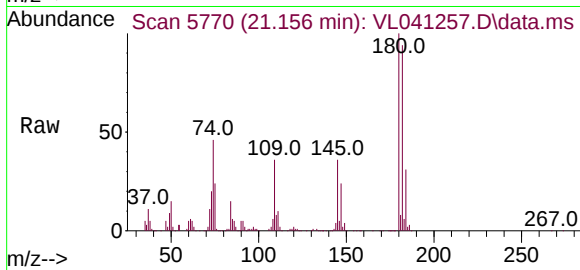
Lab File: VL041257.D

Acq: 9 May 2024 14:29

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:180 Resp: 1204451

Ion Ratio Lower Upper

180 100

182 97.0 77.2 115.8

184 30.6 24.6 36.8

