

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050924\
 Data File : VL041256.D
 Acq On : 9 May 2024 13:23
 Operator : SY/MD
 Sample : P2403-15 MDL 0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: May 10 02:09:15 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	5.208	49	768482	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.668	114	1997985	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.481	117	1815331	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.790	95	1374537	10.030	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.300%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.755	85	4794	0.046	ppbv #	85
3) Chlorodifluoromethane	2.697	51	5501	0.047	ppbv	94
4) Chloromethane	2.832	50	1113	0.024	ppbv #	71
5) Vinyl Chloride	2.938	62	503	0.011	ppbv #	88
6) Bromomethane	3.137	94	208	0.012	ppbv	82
7) Chloroethane	3.224	64	407	0.025	ppbv #	43
8) Dichlorotetrafluoroethane	2.880	85	3878	0.036	ppbv	89
9) Propene	2.716	41	1737	0.038	ppbv #	1
10) Heptane	7.597	43	1591	0.014	ppbv #	1
11) Trichlorofluoromethane	3.578	101	1801	0.017	ppbv	85
12) 1,1,2-Trichlorotrifluo...	4.089	101	2863	0.037	ppbv	90
13) Ethanol	3.266	45	41	0.004	ppbv #	38
14) Bromoethene	3.391	108	772	0.024	ppbv #	10
15) Acetone	3.520	43	12898	0.142	ppbv #	68
16) 1,3-Butadiene	2.996	39	415	0.009	ppbv #	10
17) tert-Butyl alcohol	3.857	59	83	0.001	ppbv #	1
18) 1,1-Dichloroethene	3.899	96	576	0.017	ppbv #	29
19) Isopropyl Alcohol	3.620	45	1026	0.017	ppbv #	41
20) Methylene Chloride	3.951	84	2931	0.093	ppbv	83
21) Allyl Chloride	4.021	41	2408	0.041	ppbv #	71
22) trans-1,2-Dichloroethene	4.465	96	1136	0.031	ppbv #	45
23) Vinyl Acetate	4.639	43	362	0.004	ppbv #	27
24) 1,1-Dichloroethane	4.578	63	734	0.009	ppbv #	92
25) Ethyl Acetate	5.218	43	609	0.003	ppbv #	75
26) Hexane	5.234	57	1641	0.020	ppbv #	2
27) Carbon Disulfide	4.147	76	2385	0.025	ppbv #	62
28) Methyl tert-Butyl Ether	4.755	73	150	0.002	ppbv	100
29) Chloroform	5.285	83	1743	0.016	ppbv	84
30) Cyclohexane	6.623	84	754	0.012	ppbv #	1
31) cis-1,2-Dichloroethene	5.095	61	2584	0.034	ppbv #	57
32) 1,1,1-Trichloroethane	6.028	97	929	0.008	ppbv #	1
34) 2-Butanone	4.812	43	222	0.002	ppbv #	54
35) Carbon Tetrachloride	6.504	117	2459	0.022	ppbv #	51
36) Benzene	6.381	78	4017	0.024	ppbv #	94
37) 1,2-Dichloroethane	5.819	62	1030	0.012	ppbv #	82
38) Trichloroethene	7.307	130	584	0.009	ppbv #	5
39) 1,2-Dichloropropane	6.668	63	502070	7.770	ppbv #	24
40) 1,4-Dioxane	7.288	88	65	0.003	ppbv #	1
41) Tetrahydrofuran	5.552	42	63	0.001	ppbv #	1
42) Bromodichloromethane	7.266	83	2263	0.018	ppbv #	87
43) Methyl Methacrylate	7.497	69	1041	0.015	ppbv #	9
44) 2,2,4-Trimethylpentane	7.340	57	2883	0.010	ppbv #	1
45) t-1,3-Dichloropropene	8.716	75	103	0.002	ppbv	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050924\
 Data File : VL041256.D
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 Sample : P2403-15 MDL 0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

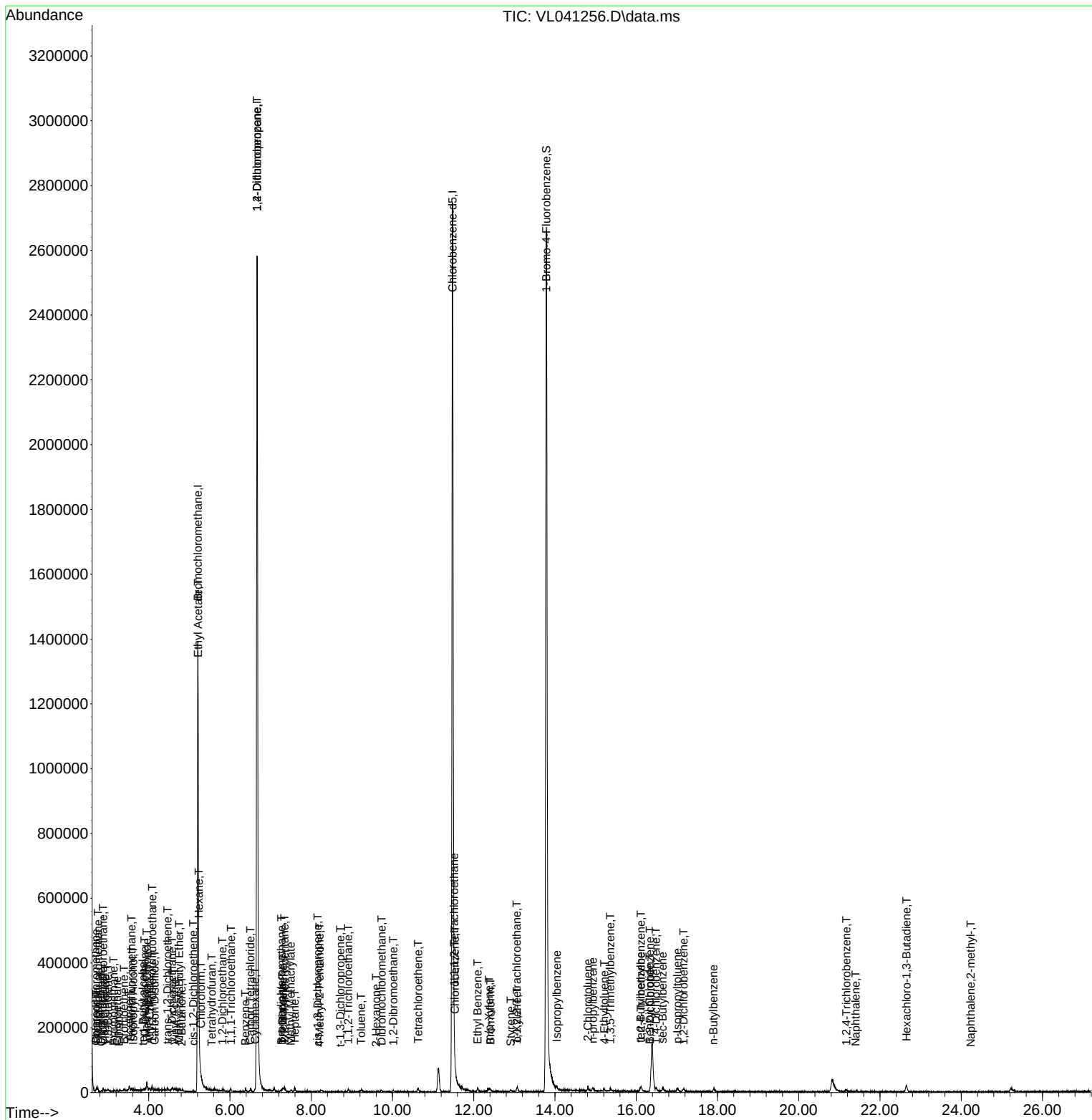
Instrument :
 MSVOA_L
 ClientSampleId :

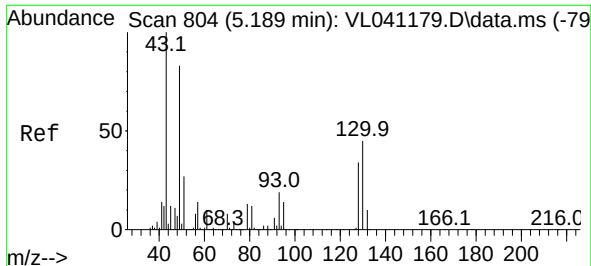
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 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri May 10 01:23:08 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.160	75	1373	0.023	ppbv #	48
47) 1,1,2-Trichloroethane	8.912	97	1355	0.021	ppbv #	34
48) Dibromochloromethane	9.732	129	781	0.008	ppbv #	10
49) Bromoform	12.413	173	1028	0.012	ppbv #	12
50) 4-Methyl-2-Pentanone	8.208	43	94	0.001	ppbv #	40
51) 2-Hexanone	9.600	43	768	0.006	ppbv #	10
52) Tetrachloroethene	10.632	164	766	0.013	ppbv #	88
53) Toluene	9.230	91	3770	0.019	ppbv #	57
54) 1,2-Dibromoethane	10.021	107	1038	0.012	ppbv #	50
56) 1,1,1,2-Tetrachloroethane	11.523	131	1559	0.021	ppbv #	23
57) Chlorobenzene	11.539	112	2146	0.016	ppbv #	77
58) Ethyl Benzene	12.098	91	4797	0.019	ppbv #	84
59) m/p-Xylene	12.378	91	2553	0.012	ppbv #	31
60) o-Xylene	13.066	91	1800	0.009	ppbv #	1
61) Styrene	12.912	104	382	0.004	ppbv #	27
62) Isopropylbenzene	14.044	105	3551	0.012	ppbv #	14
63) 1,1,2,2-Tetrachloroethane	13.056	83	1215	0.009	ppbv #	24
64) n-propylbenzene	14.931	120	1030	0.014	ppbv #	1
65) tert-Butylbenzene	16.108	119	1573	0.006	ppbv #	17
66) Benzyl Chloride	16.333	91	91	0.003	ppbv #	1
67) sec-Butylbenzene	16.651	105	1465	0.004	ppbv #	1
69) p-Isopropyltoluene	17.011	119	1024	0.003	ppbv #	47
70) n-Butylbenzene	17.902	91	2149	0.007	ppbv #	39
71) 2-Chlorotoluene	14.809	91	3559	0.016	ppbv #	36
72) 4-Ethyltoluene	15.214	105	1618	0.007	ppbv #	1
73) 1,3,5-Trimethylbenzene	15.365	105	1624	0.008	ppbv #	33
74) 1,2,4-Trimethylbenzene	16.117	105	1166	0.005	ppbv #	43
75) 1,3-Dichlorobenzene	16.339	146	540	0.004	ppbv #	1
76) 1,4-Dichlorobenzene	16.487	146	566	0.005	ppbv #	23
77) 1,2-Dichlorobenzene	17.169	146	2518	0.020	ppbv #	46
78) Hexachloro-1,3-Butadiene	22.654	225	1340	0.012	ppbv #	1
79) Naphthalene	21.403	128	316	0.002	ppbv #	68
80) Naphthalene,2-methyl-	24.236	142	48	0.001	ppbv #	48
81) 1,2,4-Trichlorobenzene	21.172	180	1216	0.011	ppbv #	6

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

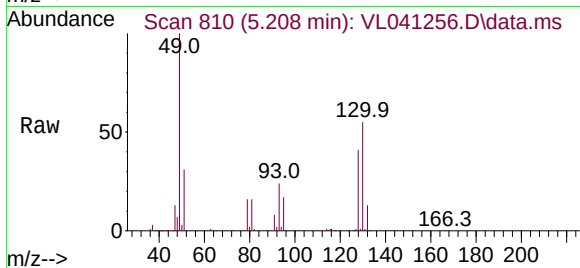
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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Fri May 10 01:23:08 2024
Response via : Initial Calibration



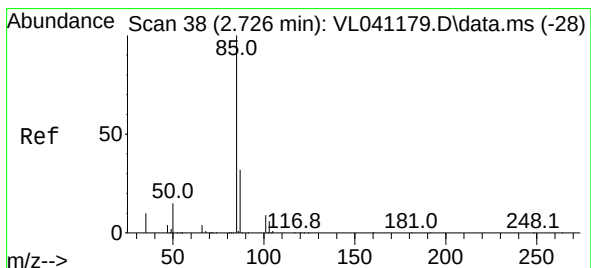
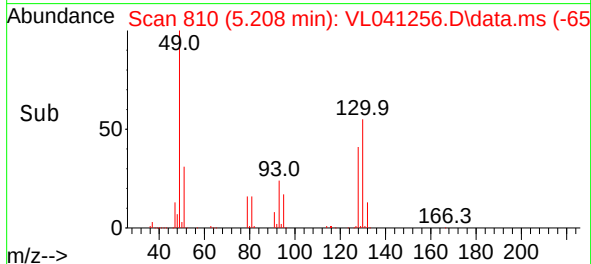
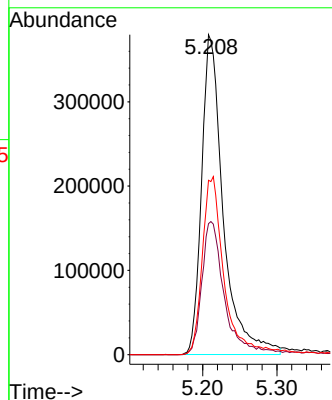


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.208 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL041256.D
Acq: 9 May 2024 13:23

Instrument :
MSVOA_L
ClientSampleId :

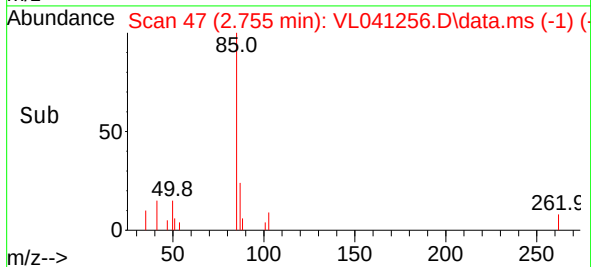
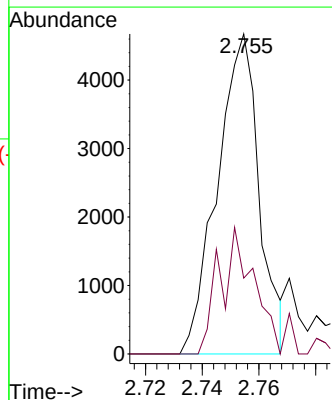
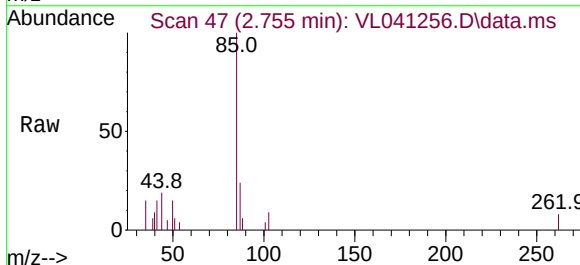


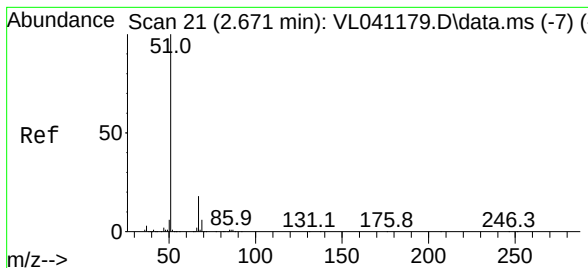
Tgt Ion: 49 Resp: 768482
Ion Ratio Lower Upper
49 100
128 44.6 21.5 64.5
130 58.0 27.2 81.6



#2
Dichlorodifluoromethane
Concen: 0.046 ppbv
RT: 2.755 min Scan# 47
Delta R.T. 0.010 min
Lab File: VL041256.D
Acq: 9 May 2024 13:23

Tgt Ion: 85 Resp: 4794
Ion Ratio Lower Upper
85 100
87 23.7 25.7 38.5#





#3

Chlorodifluoromethane

Concen: 0.047 ppbv

RT: 2.697 min Scan# 20

Delta R.T. 0.007 min

Lab File: VL041256.D

Acq: 9 May 2024 13:23

Instrument :

MSVOA_L

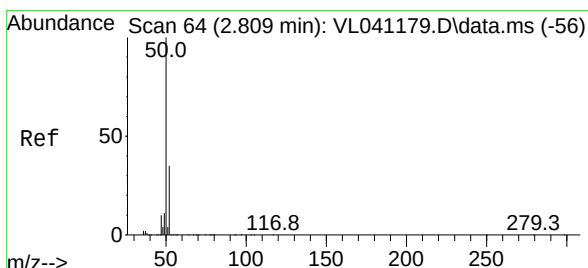
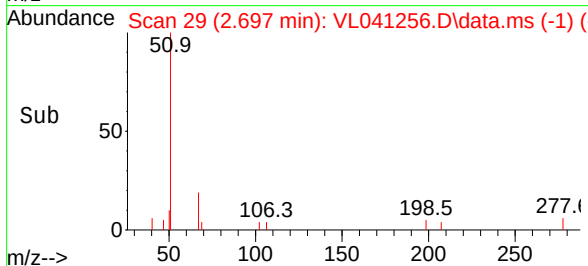
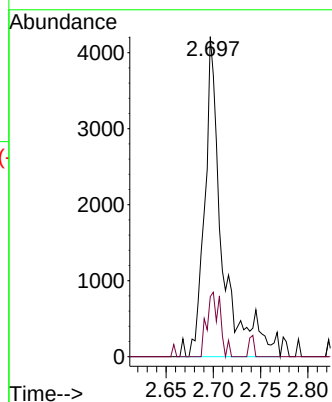
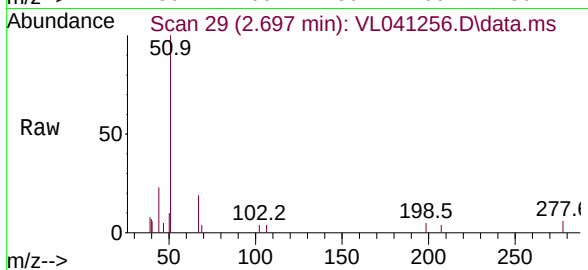
ClientSampleId :

Tgt Ion: 51 Resp: 5501

Ion Ratio Lower Upper

51 100

67 14.9 14.0 21.0



#4

Chloromethane

Concen: 0.024 ppbv

RT: 2.832 min Scan# 71

Delta R.T. 0.003 min

Lab File: VL041256.D

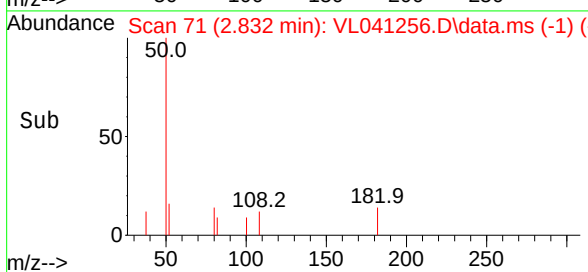
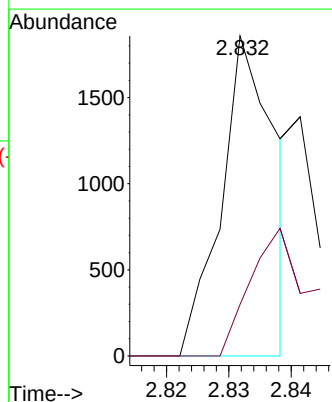
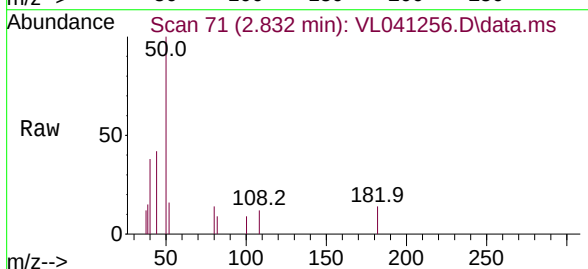
Acq: 9 May 2024 13:23

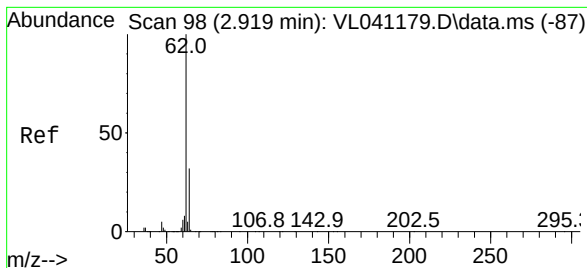
Tgt Ion: 50 Resp: 1113

Ion Ratio Lower Upper

50 100

52 18.3 28.3 42.5#

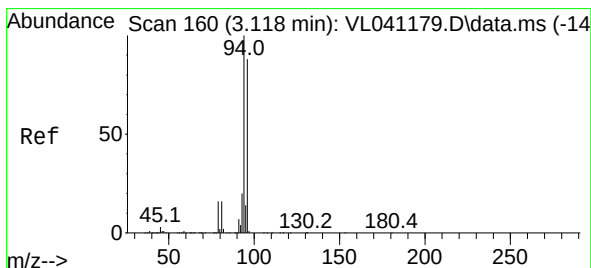
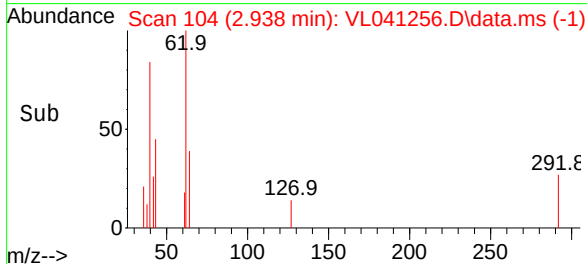
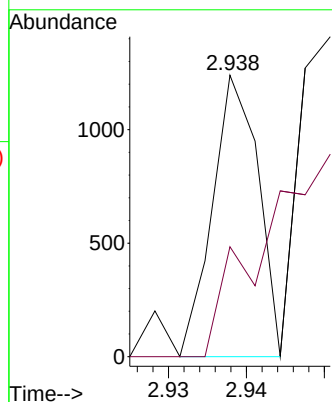
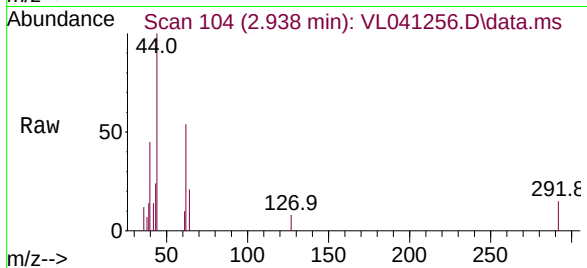




#5
 Vinyl Chloride
 Concen: 0.011 ppbv
 RT: 2.938 min Scan# 104
 Delta R.T. 0.003 min
 Lab File: VL041256.D
 Acq: 9 May 2024 13:23

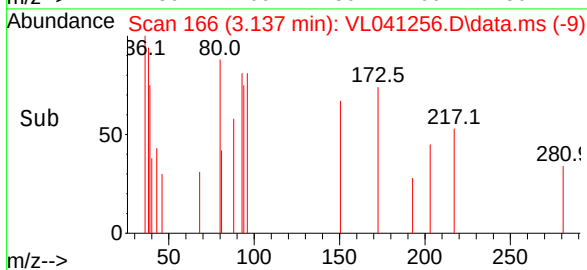
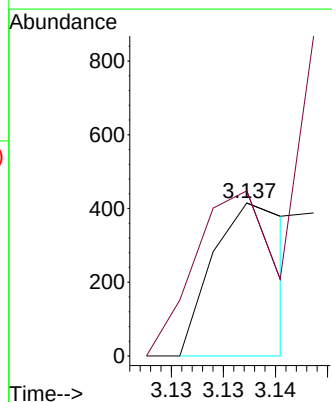
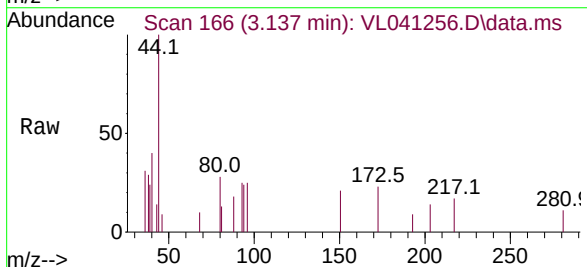
Instrument :
 MSVOA_L
 ClientSampleId :

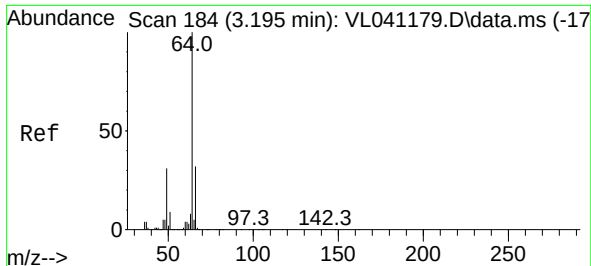
Tgt Ion: 62 Resp: 503
 Ion Ratio Lower Upper
 62 100
 64 39.1 25.7 38.5#



#6
 Bromomethane
 Concen: 0.012 ppbv
 RT: 3.137 min Scan# 166
 Delta R.T. 0.003 min
 Lab File: VL041256.D
 Acq: 9 May 2024 13:23

Tgt Ion: 94 Resp: 208
 Ion Ratio Lower Upper
 94 100
 96 71.3 70.1 105.1

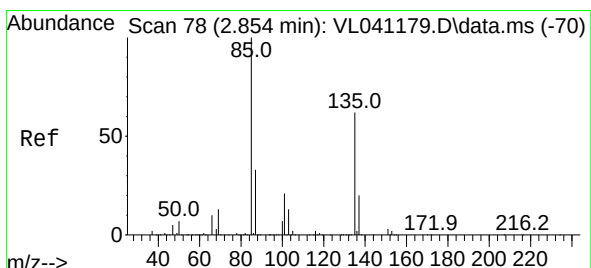
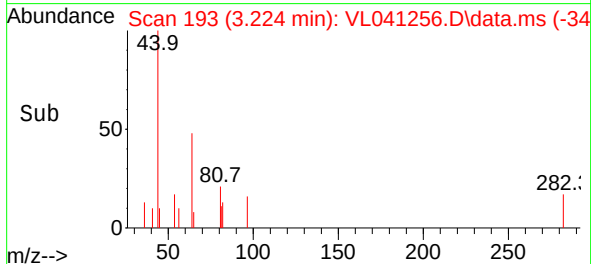
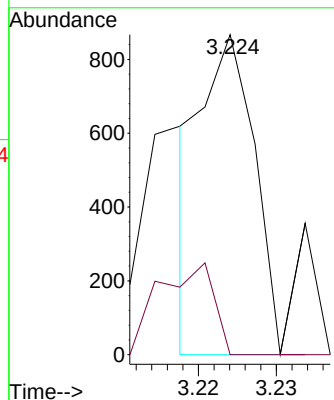
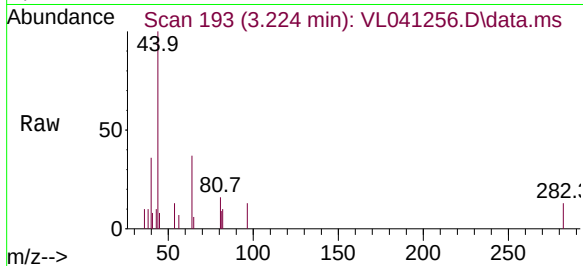




#7
Chloroethane
Concen: 0.025 ppbv
RT: 3.224 min Scan# 11
Delta R.T. 0.010 min
Lab File: VL041256.D
Acq: 9 May 2024 13:23

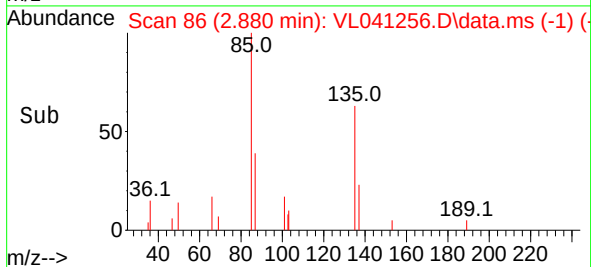
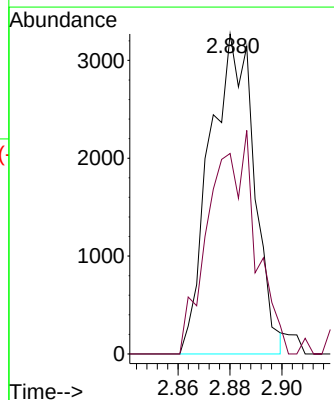
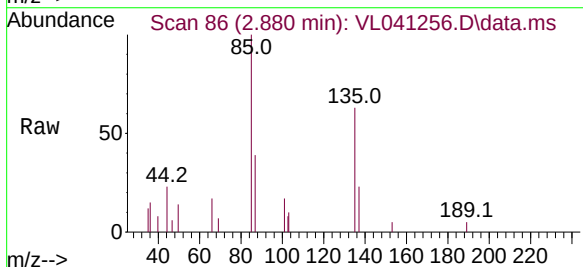
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MSVOA_L
ClientSampleId :

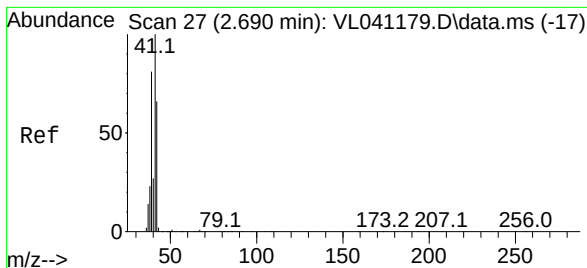
Tgt Ion: 64 Resp: 407
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



#8
Dichlorotetrafluoroethane
Concen: 0.036 ppbv
RT: 2.880 min Scan# 86
Delta R.T. 0.007 min
Lab File: VL041256.D
Acq: 9 May 2024 13:23

Tgt Ion: 85 Resp: 3878
Ion Ratio Lower Upper
85 100
135 72.9 51.5 77.3





#9

Propene

Concen: 0.038 ppbv

RT: 2.716 min Scan# 30

Delta R.T. 0.007 min

Lab File: VL041256.D

Acq: 9 May 2024 13:23

Instrument :

MSVOA_L

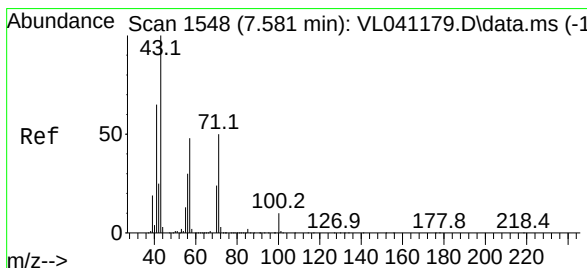
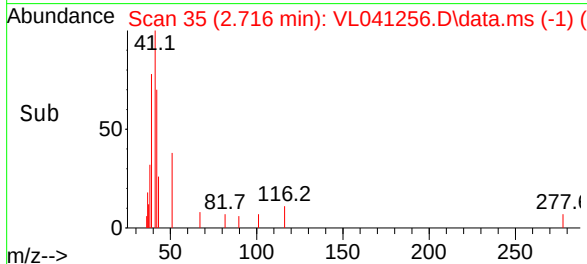
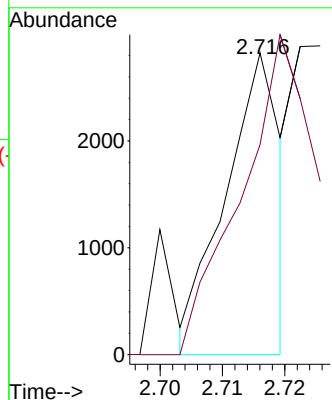
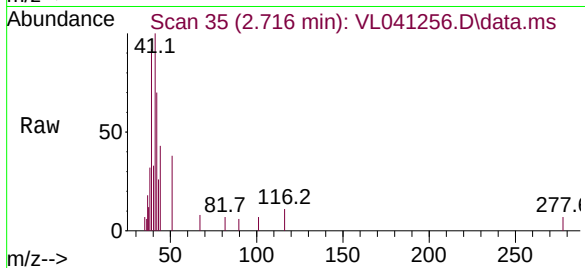
ClientSampleId :

Tgt Ion: 41 Resp: 1737

Ion Ratio Lower Upper

41 100

42 193.3 55.3 82.9#



#10

Heptane

Concen: 0.014 ppbv

RT: 7.597 min Scan# 1553

Delta R.T. 0.000 min

Lab File: VL041256.D

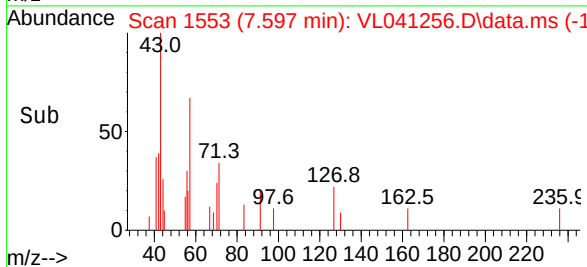
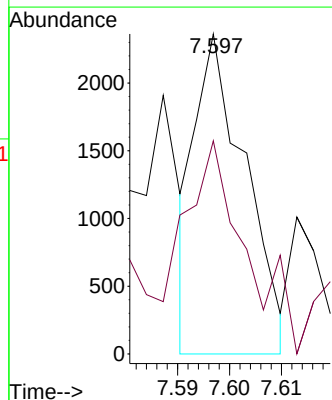
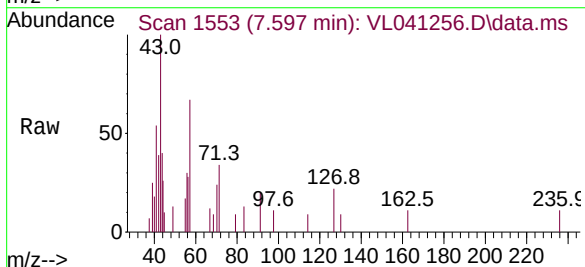
Acq: 9 May 2024 13:23

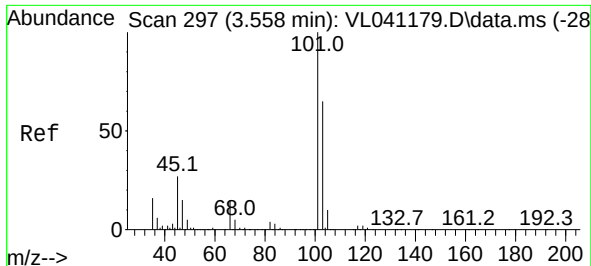
Tgt Ion: 43 Resp: 1591

Ion Ratio Lower Upper

43 100

57 135.2 38.7 58.1#





#11

Trichlorofluoromethane

Concen: 0.017 ppbv

RT: 3.578 min Scan# 303

Delta R.T. 0.000 min

Lab File: VL041256.D

Acq: 9 May 2024 13:23

Instrument :

MSVOA_L

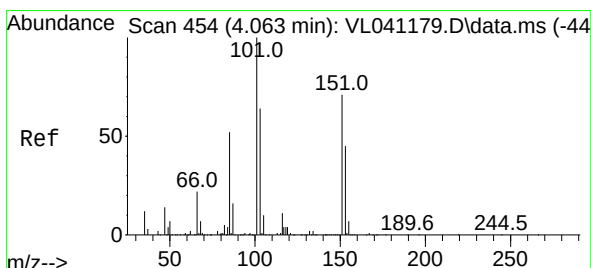
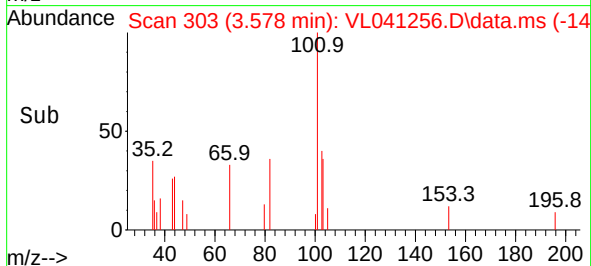
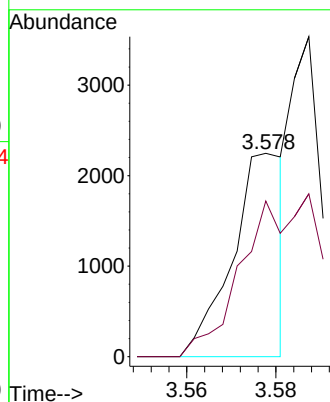
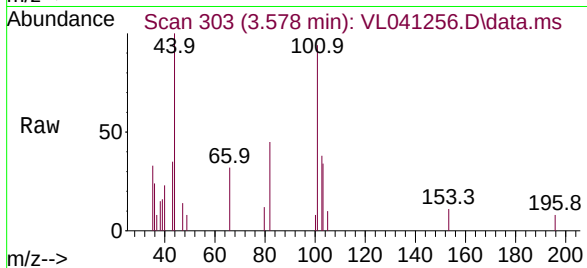
ClientSampleId :

Tgt Ion:101 Resp: 1801

Ion Ratio Lower Upper

101 100

103 76.5 51.6 77.4



#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.037 ppbv

RT: 4.089 min Scan# 462

Delta R.T. 0.010 min

Lab File: VL041256.D

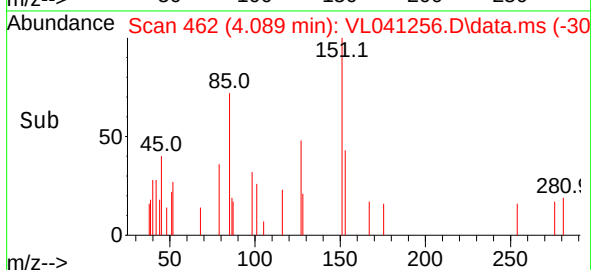
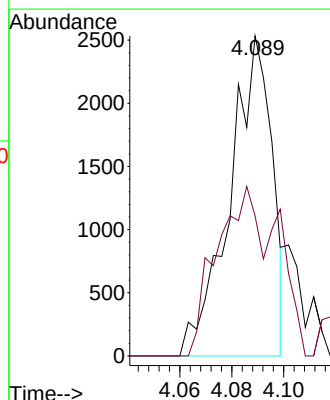
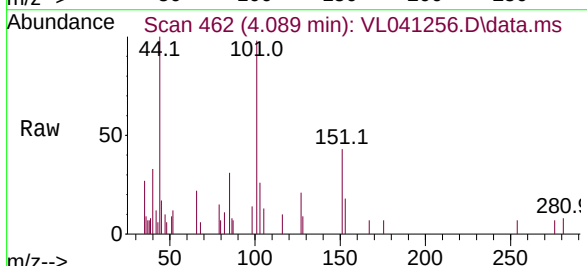
Acq: 9 May 2024 13:23

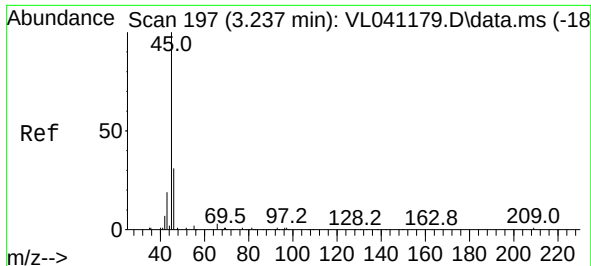
Tgt Ion:101 Resp: 2863

Ion Ratio Lower Upper

101 100

151 79.6 56.8 85.2





#13

Ethanol

Concen: 0.004 ppbv

RT: 3.266 min Scan# 206

Delta R.T. 0.010 min

Lab File: VL041256.D

Acq: 9 May 2024 13:23

Instrument :

MSVOA_L

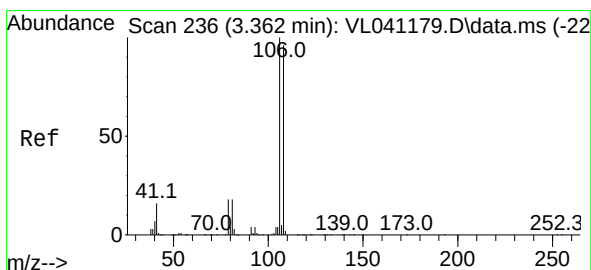
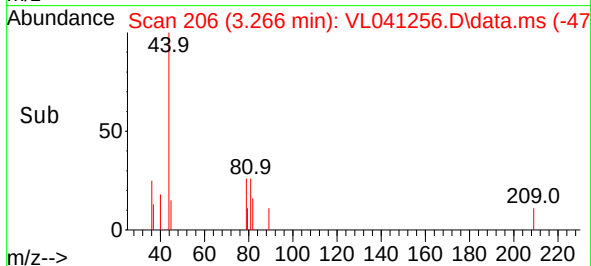
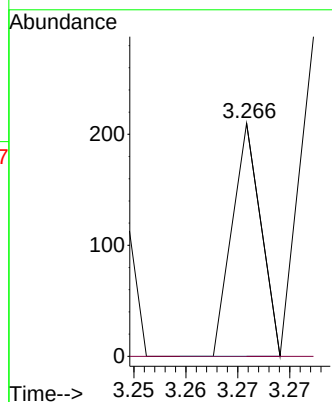
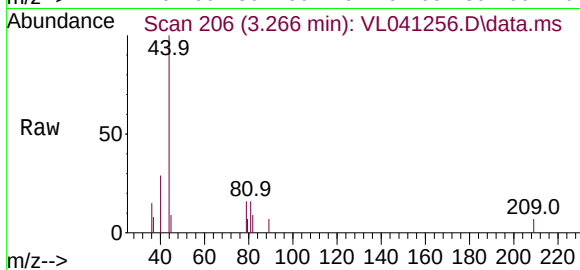
ClientSampleId :

Tgt Ion: 45 Resp: 41

Ion Ratio Lower Upper

45 100

46 0.0 14.8 59.0#



#14

Bromoethene

Concen: 0.024 ppbv

RT: 3.391 min Scan# 245

Delta R.T. 0.010 min

Lab File: VL041256.D

Acq: 9 May 2024 13:23

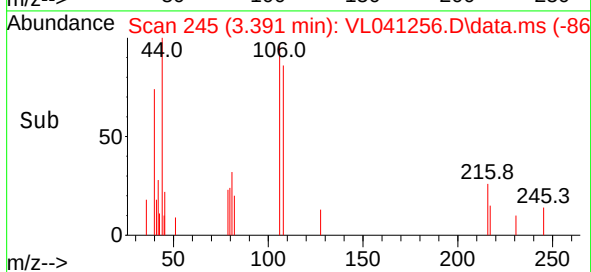
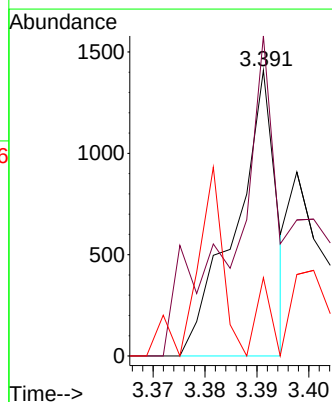
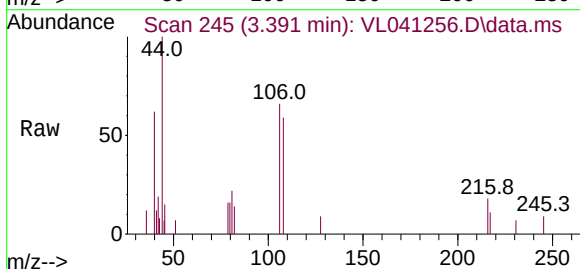
Tgt Ion: 108 Resp: 772

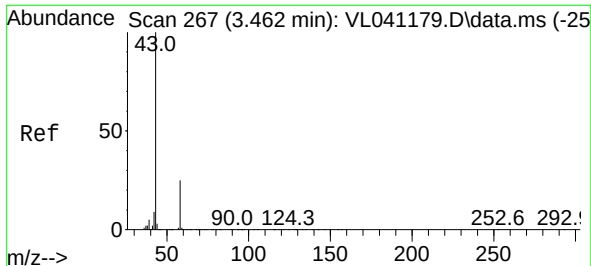
Ion Ratio Lower Upper

108 100

106 180.6 88.2 132.4#

79 120.7 17.4 26.0#





#15

Acetone

Concen: 0.142 ppbv

RT: 3.520 min Scan# 21

Delta R.T. 0.039 min

Lab File: VL041256.D

Acq: 9 May 2024 13:23

Instrument :

MSVOA_L

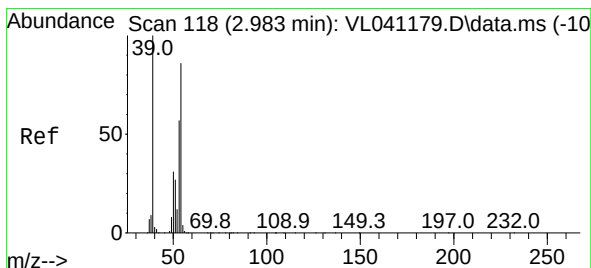
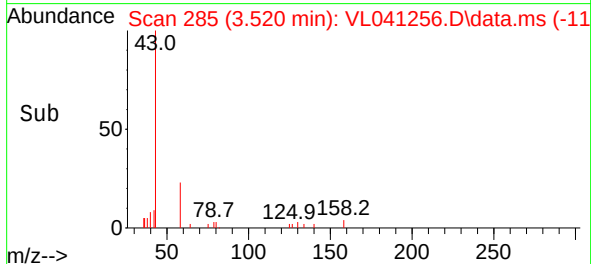
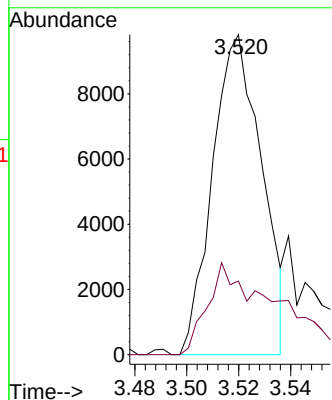
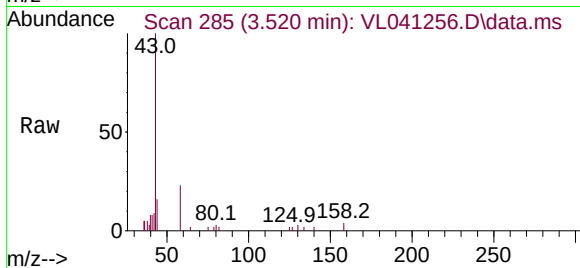
ClientSampleId :

Tgt Ion: 43 Resp: 12898

Ion Ratio Lower Upper

43 100

58 43.4 21.4 32.0#



#16

1,3-Butadiene

Concen: 0.009 ppbv

RT: 2.996 min Scan# 122

Delta R.T. -0.003 min

Lab File: VL041256.D

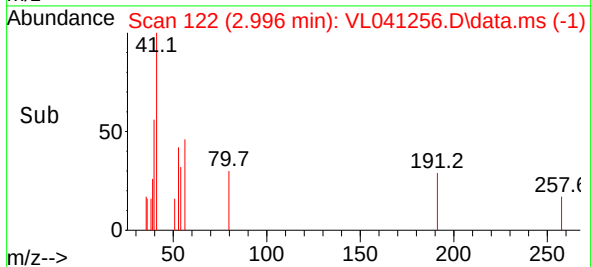
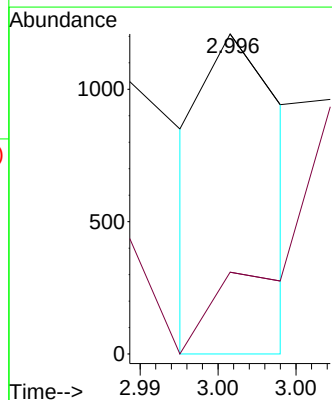
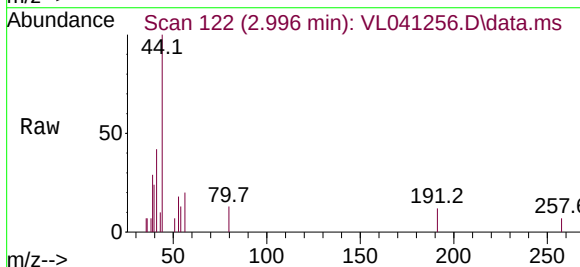
Acq: 9 May 2024 13:23

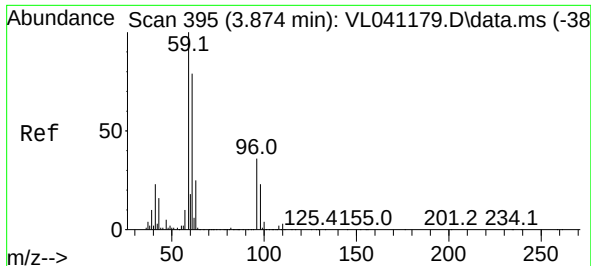
Tgt Ion: 39 Resp: 415

Ion Ratio Lower Upper

39 100

54 0.0 62.2 93.4#





#17

tert-Butyl alcohol

Concen: 0.001 ppbv

RT: 3.857 min Scan# 30

Delta R.T. -0.032 min

Lab File: VL041256.D

Acq: 9 May 2024 13:23

Instrument :

MSVOA_L

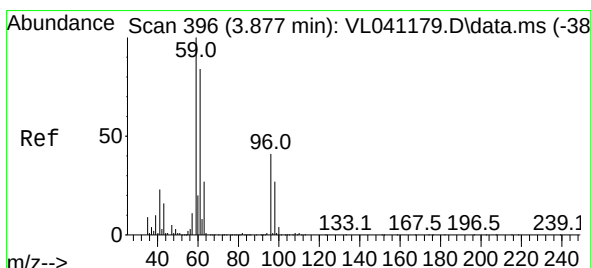
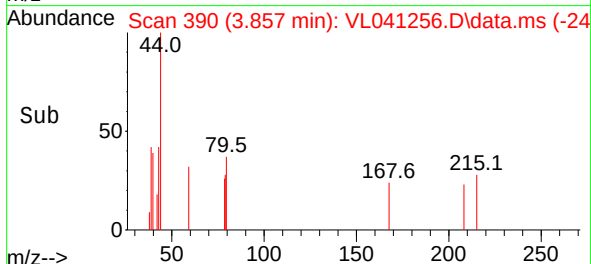
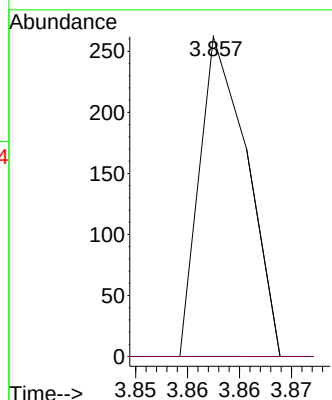
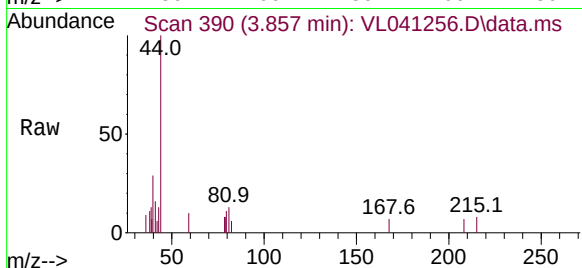
ClientSampleId :

Tgt Ion: 59 Resp: 83

Ion Ratio Lower Upper

59 100

57 86.7 8.4 12.6#



#18

1,1-Dichloroethene

Concen: 0.017 ppbv

RT: 3.899 min Scan# 403

Delta R.T. 0.003 min

Lab File: VL041256.D

Acq: 9 May 2024 13:23

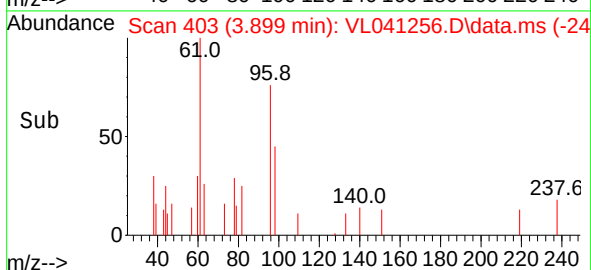
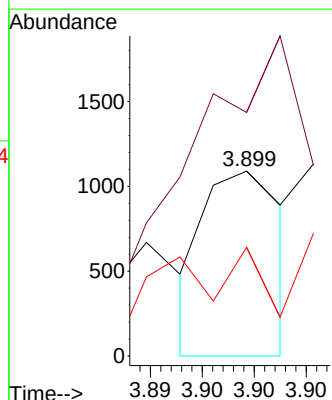
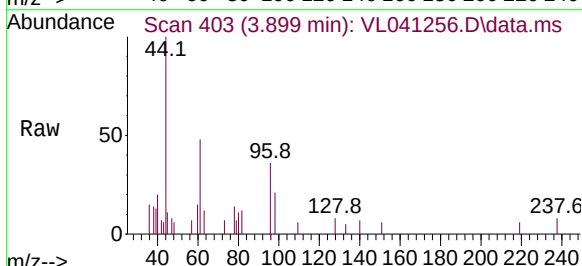
Tgt Ion: 96 Resp: 576

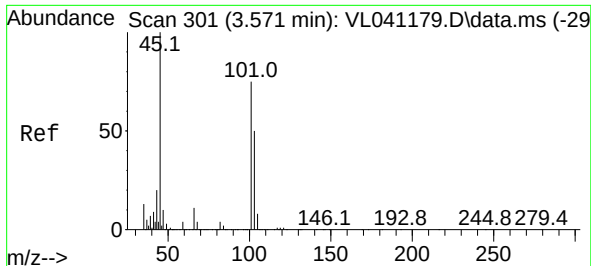
Ion Ratio Lower Upper

96 100

61 62.7 164.4 246.6#

98 67.8 51.8 77.8





#19

Isopropyl Alcohol

Concen: 0.017 ppbv

RT: 3.620 min Scan# 316

Delta R.T. 0.029 min

Lab File: VL041256.D

Acq: 9 May 2024 13:23

Instrument :

MSVOA_L

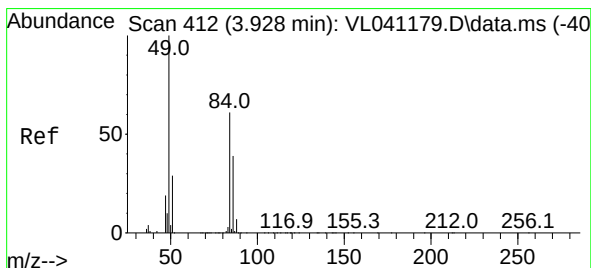
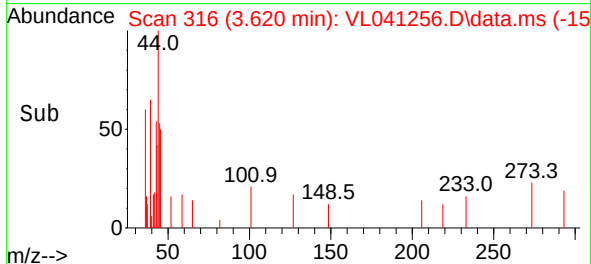
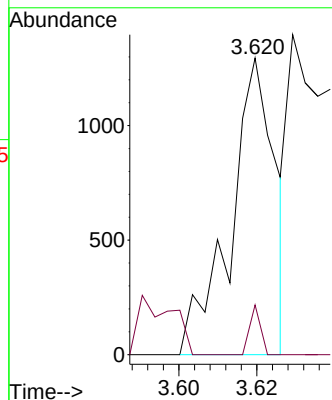
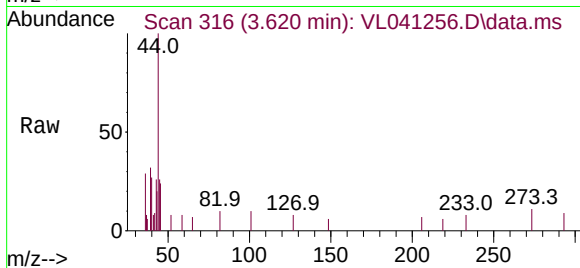
ClientSampleId :

Tgt Ion: 45 Resp: 1026

Ion Ratio Lower Upper

45 100

58 0.0 26.8 40.2#



#20

Methylene Chloride

Concen: 0.093 ppbv

RT: 3.951 min Scan# 419

Delta R.T. 0.003 min

Lab File: VL041256.D

Acq: 9 May 2024 13:23

Tgt Ion: 84 Resp: 2931

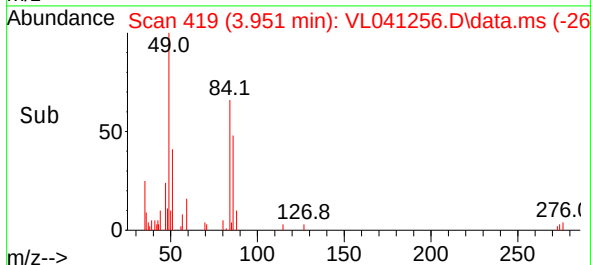
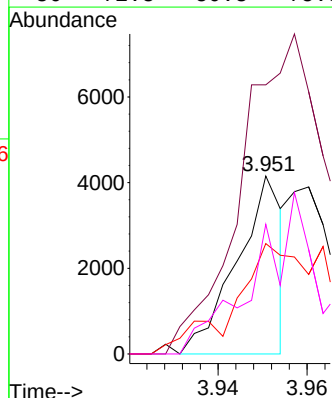
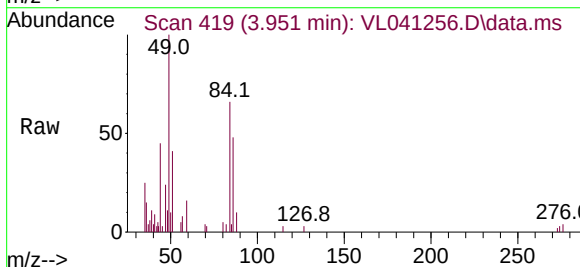
Ion Ratio Lower Upper

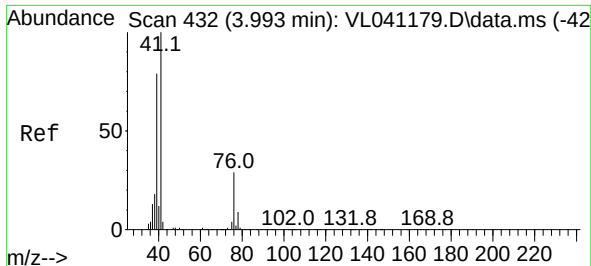
84 100

49 135.8 130.4 195.6

51 53.2 38.0 57.0

86 72.8 50.3 75.5

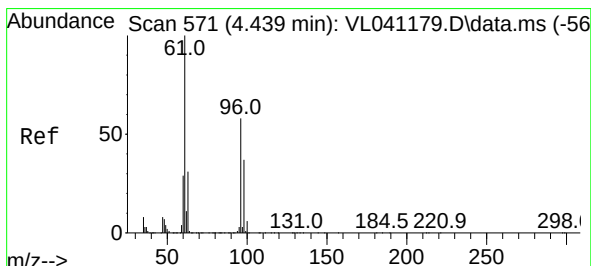
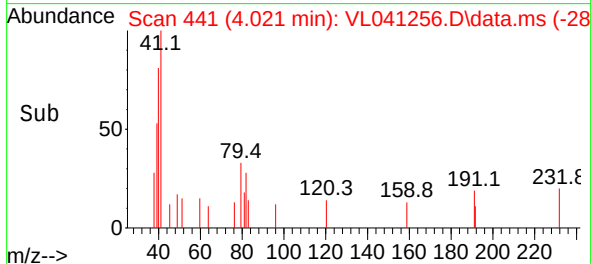
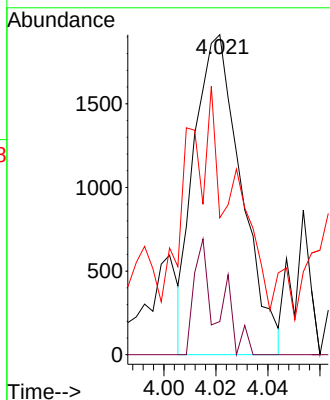
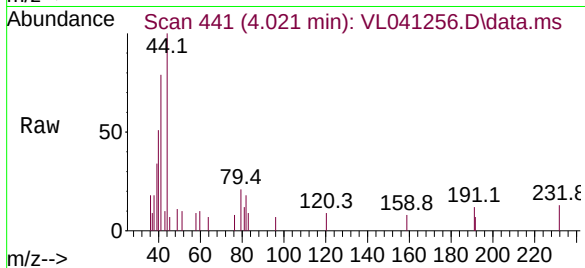




#21
 Allyl Chloride
 Concen: 0.041 ppbv
 RT: 4.021 min Scan# 41
 Delta R.T. 0.010 min
 Lab File: VL041256.D
 Acq: 9 May 2024 13:23

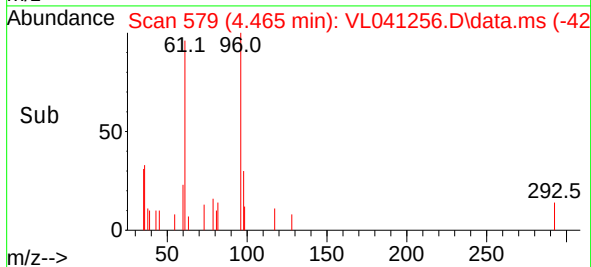
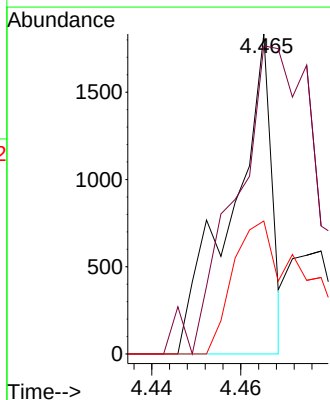
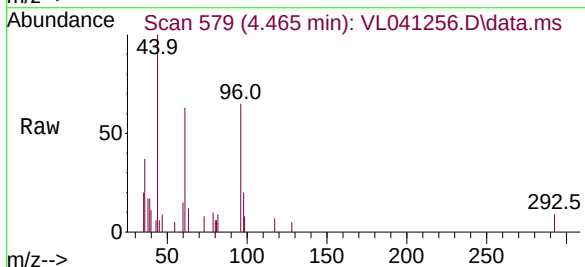
Instrument :
 MSVOA_L
 ClientSampleId :

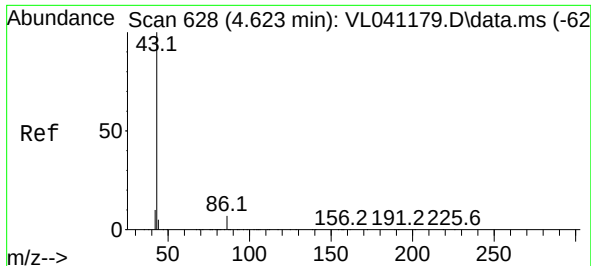
Tgt Ion: 41 Resp: 2408
 Ion Ratio Lower Upper
 41 100
 76 17.7 23.7 35.5#
 39 109.3 64.7 97.1#



#22
 trans-1,2-Dichloroethene
 Concen: 0.031 ppbv
 RT: 4.465 min Scan# 579
 Delta R.T. 0.003 min
 Lab File: VL041256.D
 Acq: 9 May 2024 13:23

Tgt Ion: 96 Resp: 1136
 Ion Ratio Lower Upper
 96 100
 61 81.5 137.6 206.4#
 98 41.5 50.6 76.0#

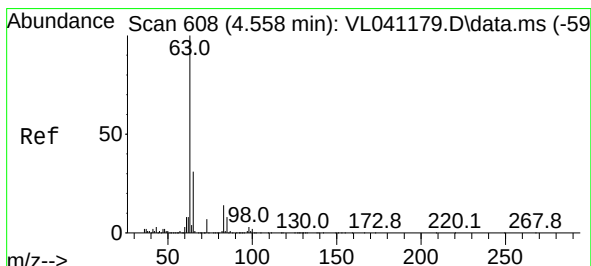
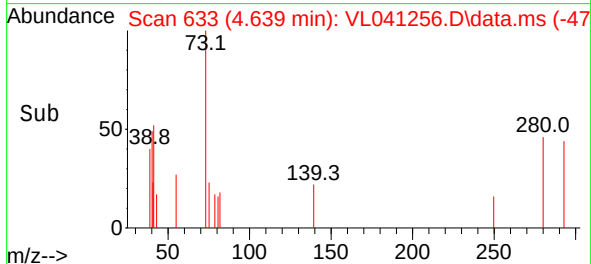
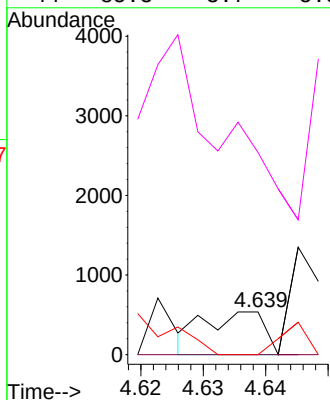
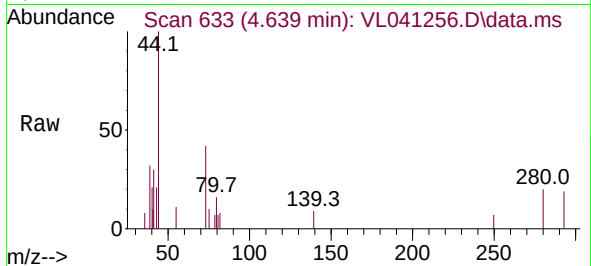




#23
 Vinyl Acetate
 Concen: 0.004 ppbv
 RT: 4.639 min Scan# 614
 Delta R.T. 0.000 min
 Lab File: VL041256.D
 Acq: 9 May 2024 13:23

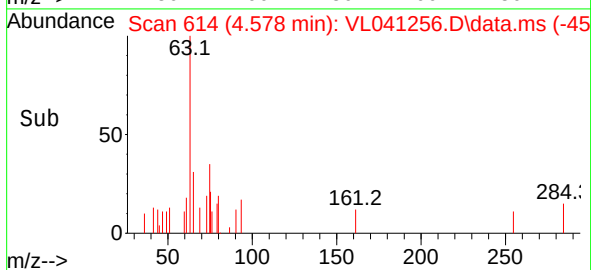
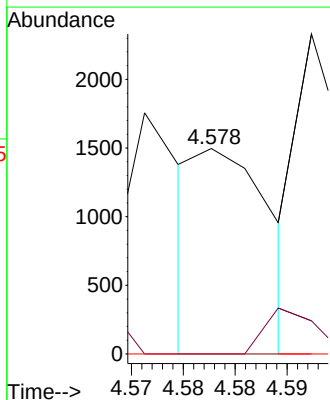
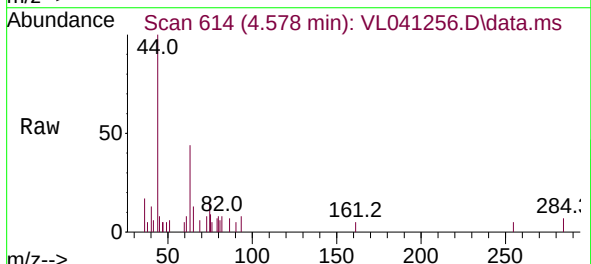
Instrument :
 MSVOA_1
 ClientSampleId :

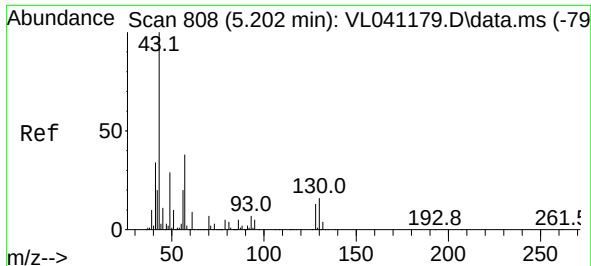
Tgt Ion:	43	Resp:	362
Ion	Ratio	Lower	Upper
43	100		
86	0.0	4.9	7.3#
42	0.0	8.0	12.0#
44	85.3	3.7	5.5#



#24
 1,1-Dichloroethane
 Concen: 0.009 ppbv
 RT: 4.578 min Scan# 614
 Delta R.T. 0.000 min
 Lab File: VL041256.D
 Acq: 9 May 2024 13:23

Tgt Ion:	63	Resp:	734
Ion	Ratio	Lower	Upper
63	100		
98	0.0	1.6	4.8#
100	0.0	1.1	3.5#





#25

Ethyl Acetate

Concen: 0.003 ppbv

RT: 5.218 min Scan# 813

Delta R.T. -0.003 min

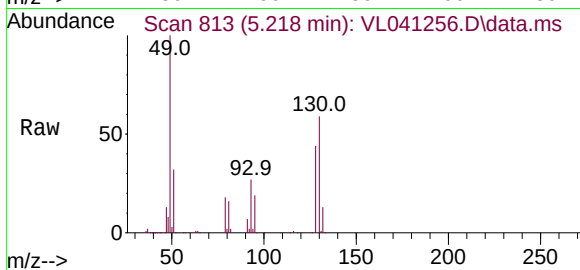
Lab File: VL041256.D

Acq: 9 May 2024 13:23

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion: 43 Resp: 609

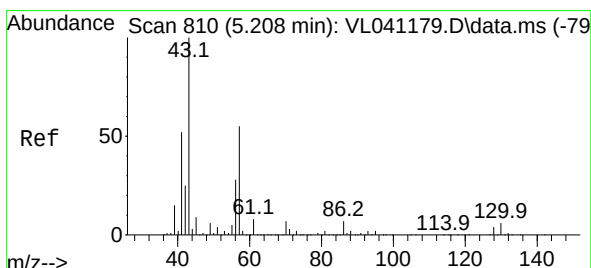
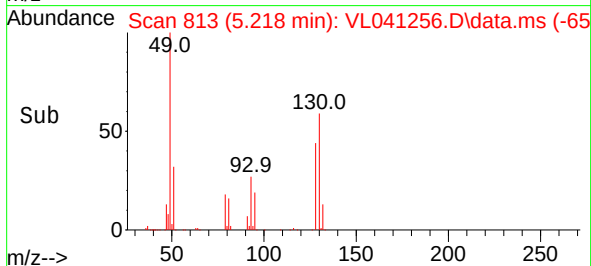
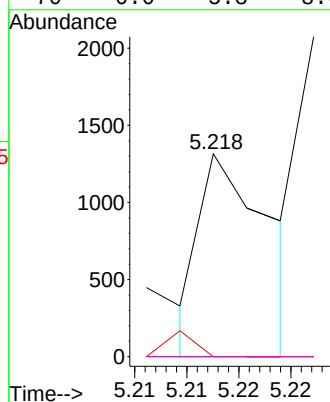
Ion Ratio Lower Upper

43 100

45 0.0 8.2 12.2#

61 0.0 7.7 11.5#

70 0.0 5.8 8.6#



#26

Hexane

Concen: 0.020 ppbv

RT: 5.234 min Scan# 818

Delta R.T. 0.006 min

Lab File: VL041256.D

Acq: 9 May 2024 13:23

Tgt Ion: 57 Resp: 1641

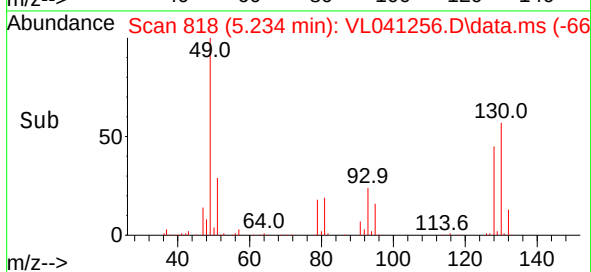
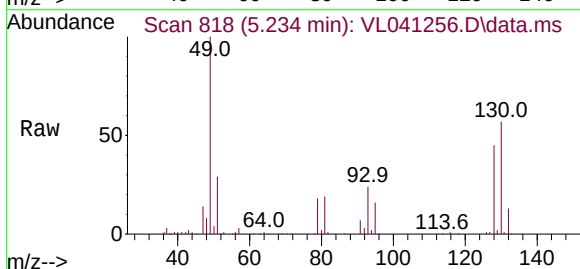
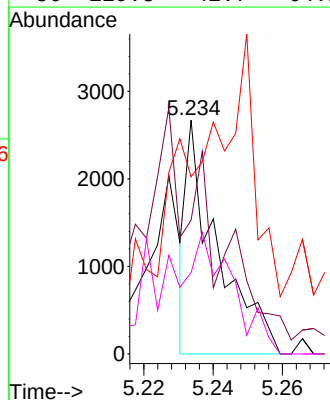
Ion Ratio Lower Upper

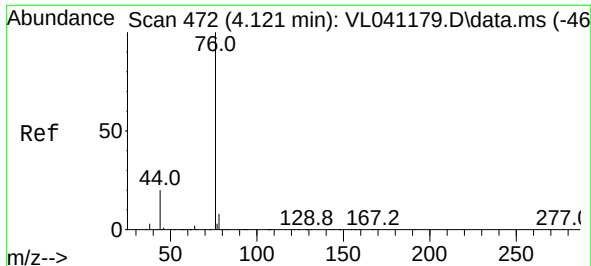
57 100

41 0.0 75.8 113.8#

43 395.5 187.0 280.4#

56 129.3 42.7 64.1#





#27

Carbon Disulfide

Concen: 0.025 ppbv

RT: 4.147 min Scan# 41

Delta R.T. 0.007 min

Lab File: VL041256.D

Acq: 9 May 2024 13:23

Instrument :

MSVOA_L

ClientSampleId :

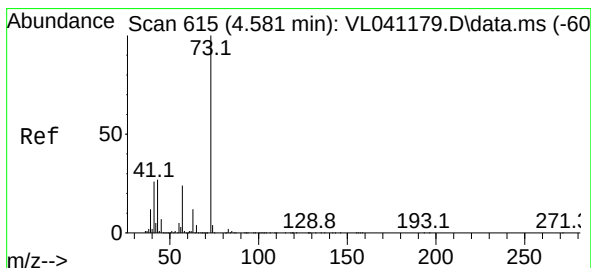
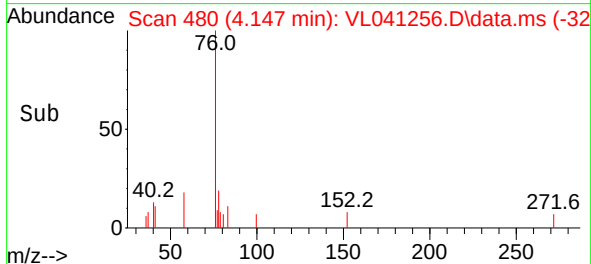
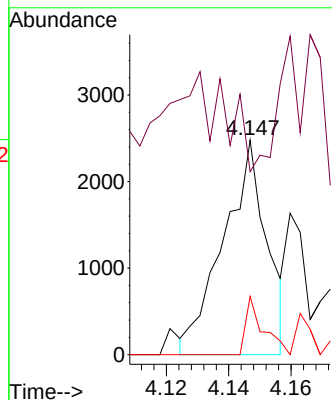
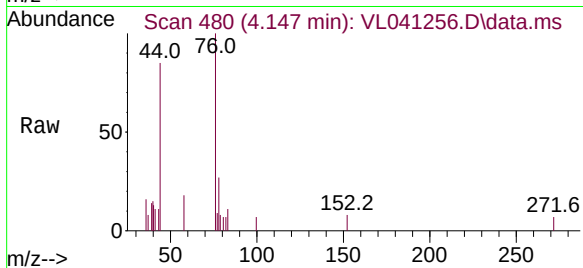
Tgt Ion: 76 Resp: 2385

Ion Ratio Lower Upper

76 100

44 0.0 16.3 24.5#

78 18.4 7.3 10.9#



#28

Methyl tert-Butyl Ether

Concen: 0.002 ppbv

RT: 4.755 min Scan# 669

Delta R.T. 0.154 min

Lab File: VL041256.D

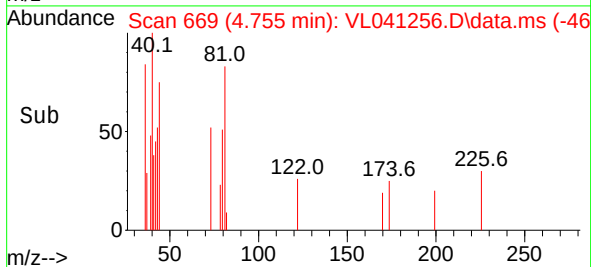
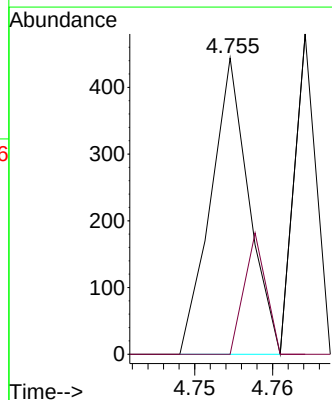
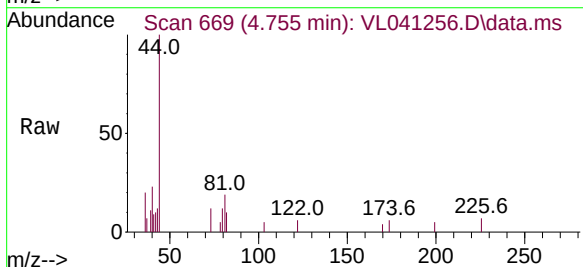
Acq: 9 May 2024 13:23

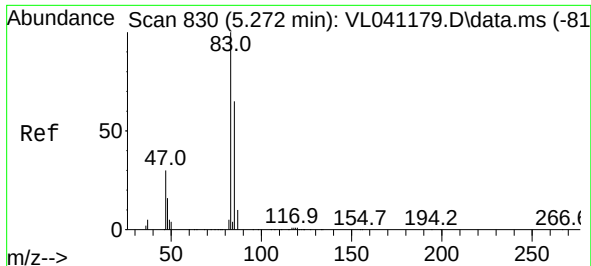
Tgt Ion: 73 Resp: 150

Ion Ratio Lower Upper

73 100

57 23.3 18.8 28.2





#29

Chloroform

Concen: 0.016 ppbv

RT: 5.285 min Scan# 81

Delta R.T. -0.003 min

Lab File: VL041256.D

Acq: 9 May 2024 13:23

Instrument :

MSVOA_L

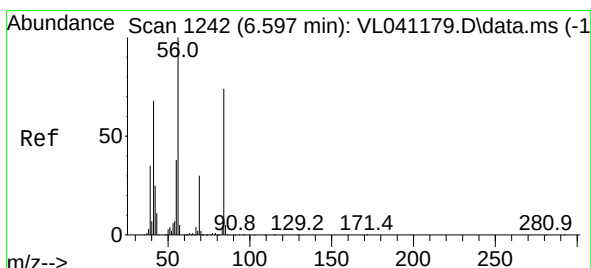
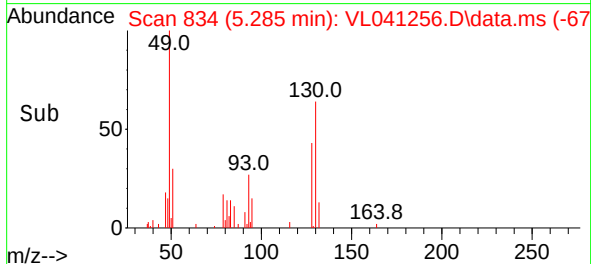
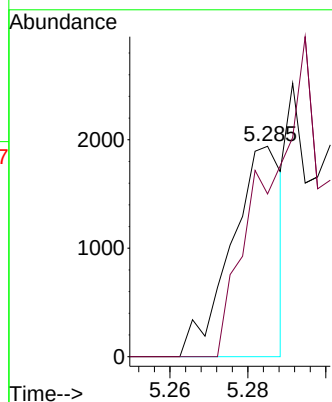
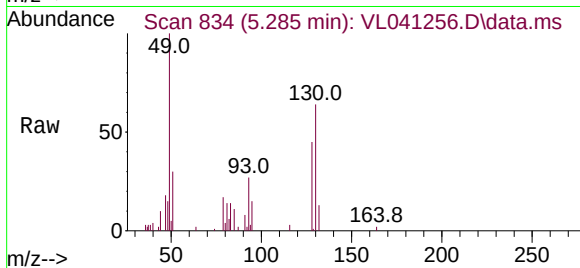
ClientSampleId :

Tgt Ion: 83 Resp: 1743

Ion Ratio Lower Upper

83 100

85 77.4 51.7 77.5



#30

Cyclohexane

Concen: 0.012 ppbv

RT: 6.623 min Scan# 1250

Delta R.T. 0.007 min

Lab File: VL041256.D

Acq: 9 May 2024 13:23

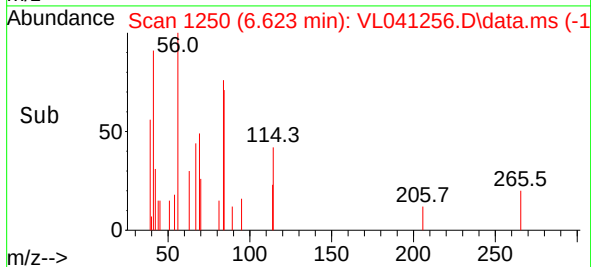
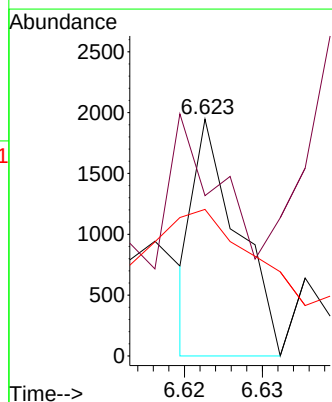
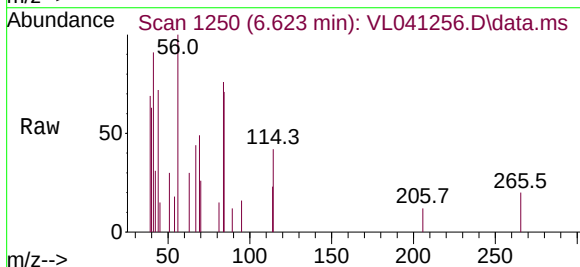
Tgt Ion: 84 Resp: 754

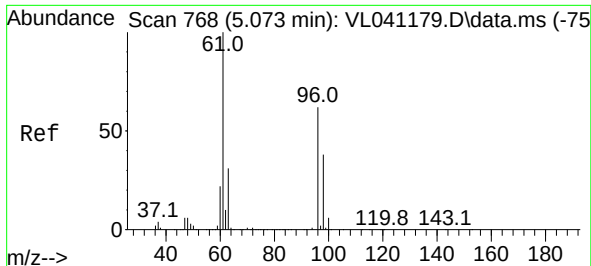
Ion Ratio Lower Upper

84 100

56 0.0 116.8 175.2#

41 304.2 73.8 110.8#

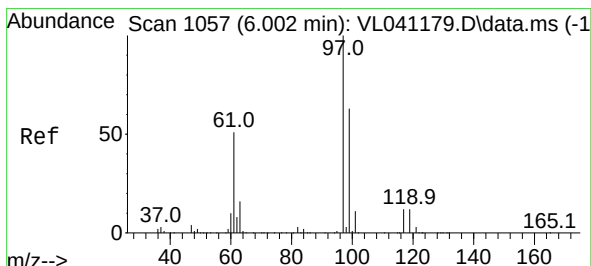
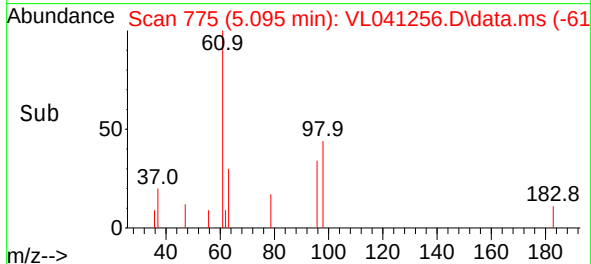
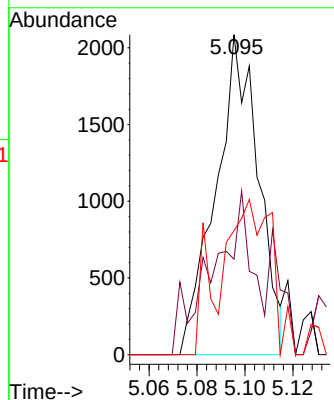
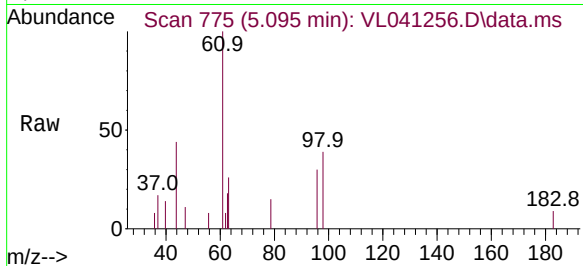




#31
 cis-1,2-Dichloroethene
 Concen: 0.034 ppbv
 RT: 5.095 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VL041256.D
 Acq: 9 May 2024 13:23

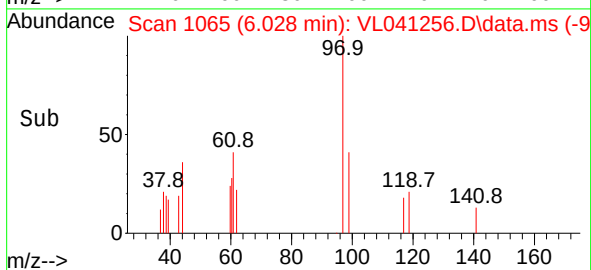
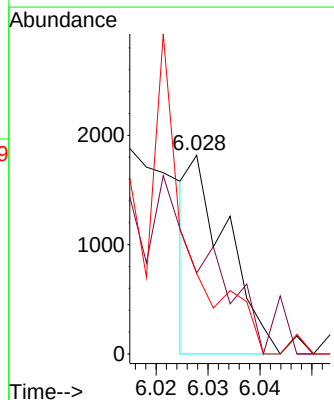
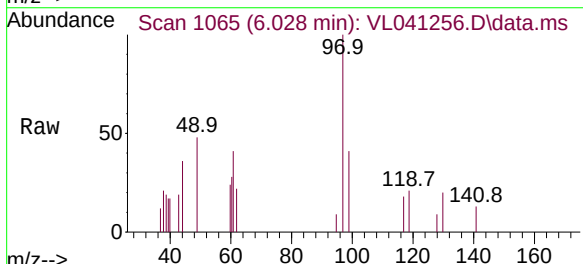
Instrument :
 MSVOA_L
 ClientSampleId :

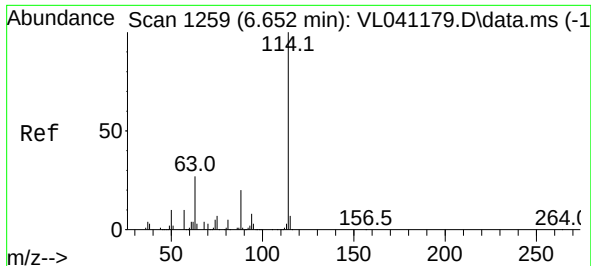
Tgt Ion: 61 Resp: 2584
 Ion Ratio Lower Upper
 61 100
 96 9.6 49.8 74.6#
 98 38.7 30.0 45.0



#32
 1,1,1-Trichloroethane
 Concen: 0.008 ppbv
 RT: 6.028 min Scan# 1065
 Delta R.T. 0.010 min
 Lab File: VL041256.D
 Acq: 9 May 2024 13:23

Tgt Ion: 97 Resp: 929
 Ion Ratio Lower Upper
 97 100
 99 257.7 51.7 77.5#
 61 243.1 41.1 61.7#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.668 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL041256.D

Acq: 9 May 2024 13:23

Instrument :

MSVOA_L

ClientSampleId :

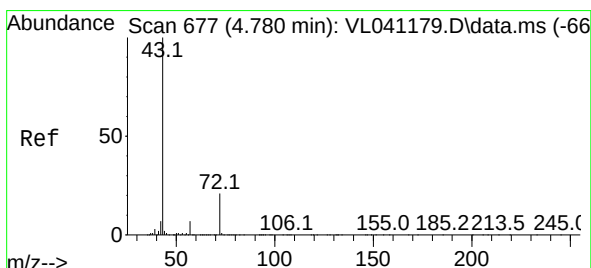
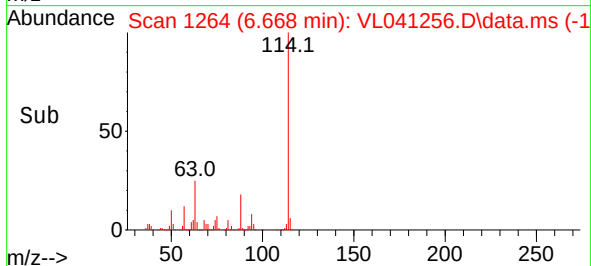
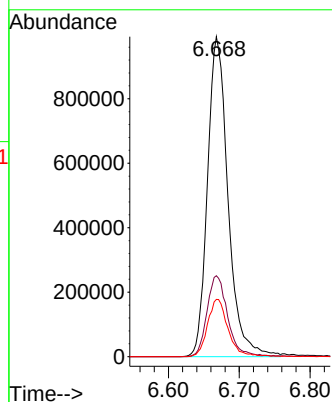
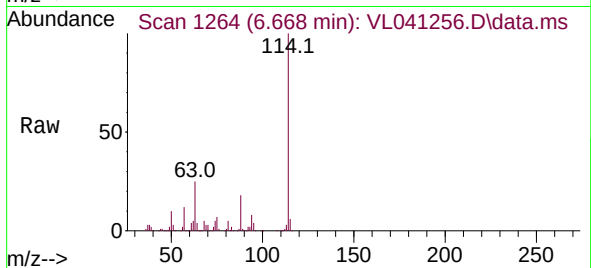
Tgt Ion:114 Resp: 1997985

Ion Ratio Lower Upper

114 100

63 25.7 21.8 32.6

88 17.9 15.2 22.8



#34

2-Butanone

Concen: 0.002 ppbv

RT: 4.812 min Scan# 687

Delta R.T. 0.013 min

Lab File: VL041256.D

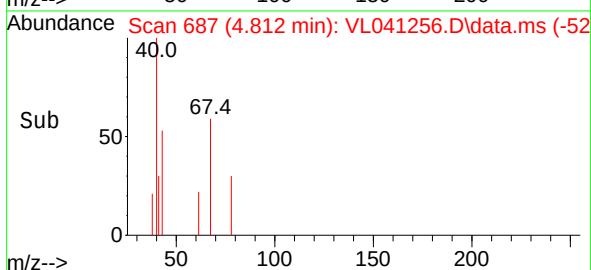
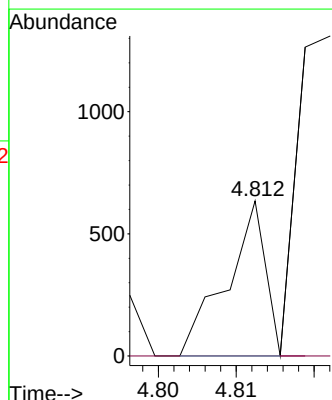
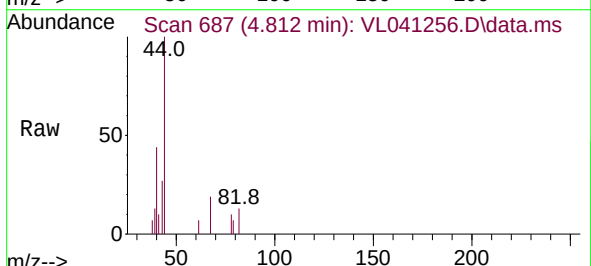
Acq: 9 May 2024 13:23

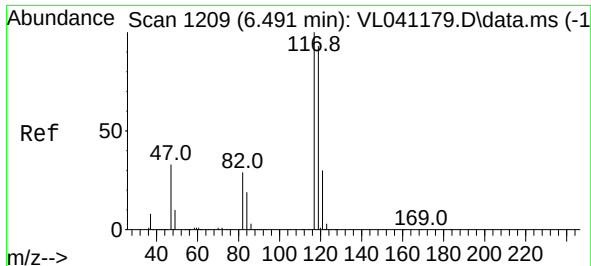
Tgt Ion: 43 Resp: 222

Ion Ratio Lower Upper

43 100

72 0.0 17.3 25.9#





#35

Carbon Tetrachloride

Concen: 0.022 ppbv

RT: 6.504 min Scan# 117

Delta R.T. -0.006 min

Lab File: VL041256.D

Acq: 9 May 2024 13:23

Instrument :

MSVOA_L

ClientSampleId :

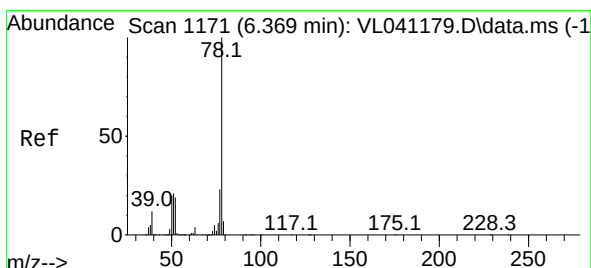
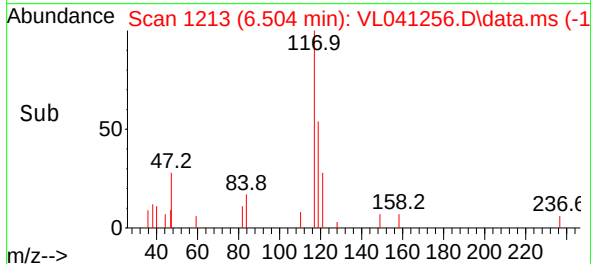
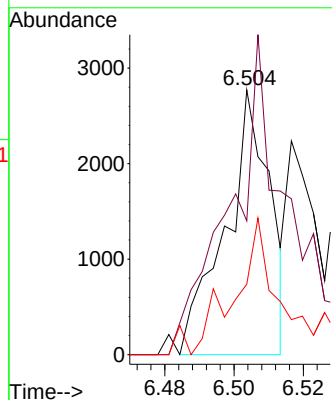
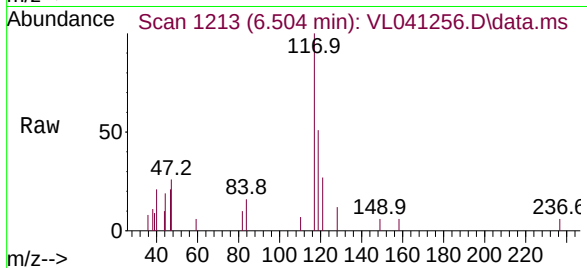
Tgt Ion:117 Resp: 2459

Ion Ratio Lower Upper

117 100

119 38.5 74.3 111.5#

121 15.6 23.8 35.8#



#36

Benzene

Concen: 0.024 ppbv

RT: 6.381 min Scan# 1175

Delta R.T. -0.003 min

Lab File: VL041256.D

Acq: 9 May 2024 13:23

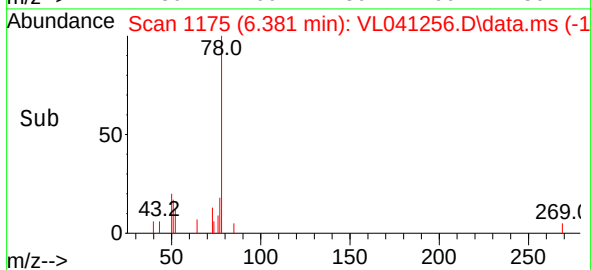
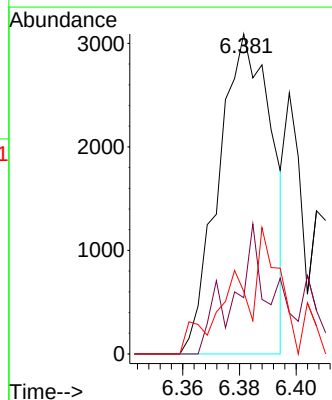
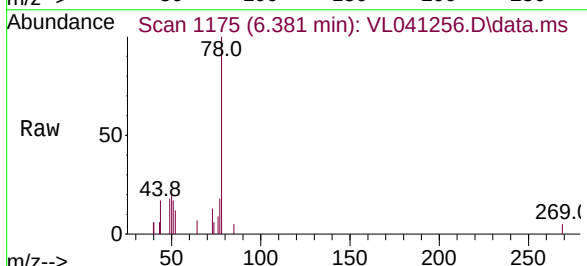
Tgt Ion: 78 Resp: 4017

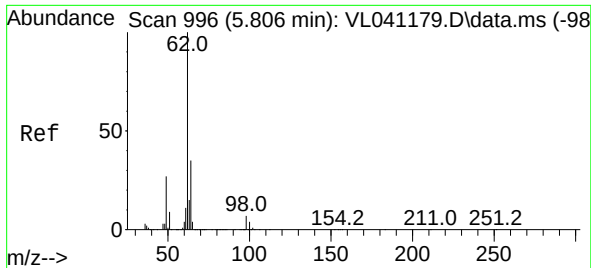
Ion Ratio Lower Upper

78 100

77 17.6 18.3 27.5#

50 19.5 15.9 23.9

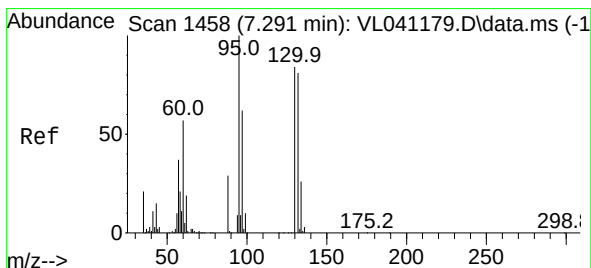
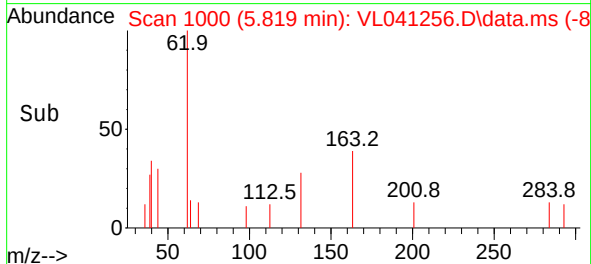
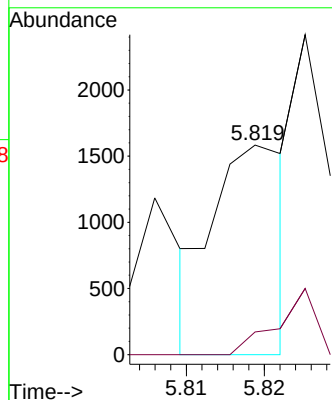
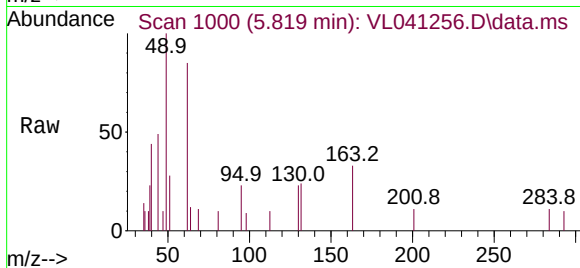




#37
1,2-Dichloroethane
Concen: 0.012 ppbv
RT: 5.819 min Scan# 1000
Delta R.T. -0.003 min
Lab File: VL041256.D
Acq: 9 May 2024 13:23

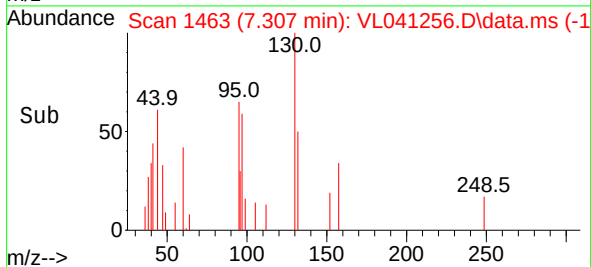
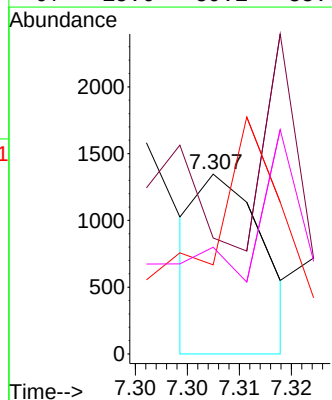
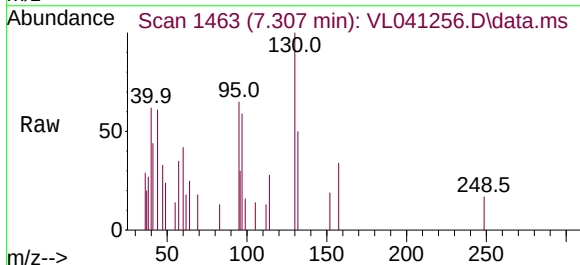
Instrument :
MSVOA_L
ClientSampleId :

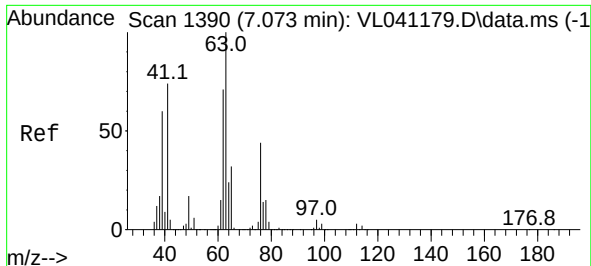
Tgt Ion: 62 Resp: 1030
Ion Ratio Lower Upper
62 100
98 0.0 5.0 7.4#



#38
Trichloroethene
Concen: 0.009 ppbv
RT: 7.307 min Scan# 1463
Delta R.T. 0.000 min
Lab File: VL041256.D
Acq: 9 May 2024 13:23

Tgt Ion:130 Resp: 584
Ion Ratio Lower Upper
130 100
95 0.0 95.0 142.6#
132 0.0 77.0 115.4#
97 15.6 59.1 88.7#





#39

1,2-Dichloropropane

Concen: 7.770 ppbv

RT: 6.668 min Scan# 11

Delta R.T. -0.421 min

Lab File: VL041256.D

Acq: 9 May 2024 13:23

Instrument :

MSVOA_L

ClientSampleId :

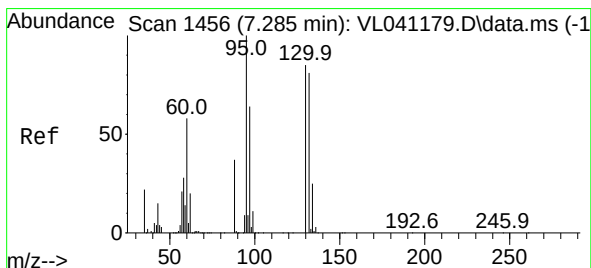
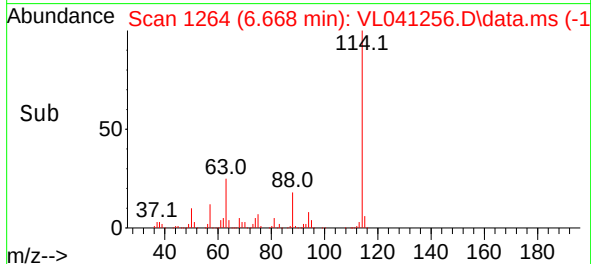
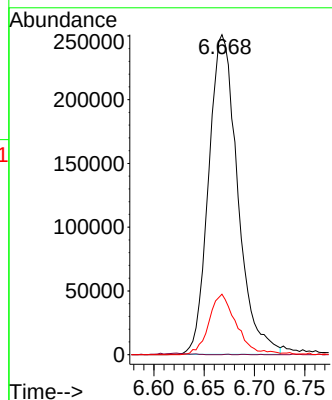
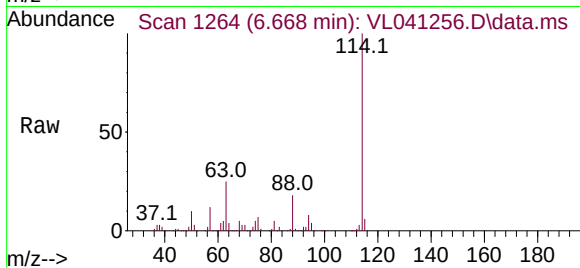
Tgt Ion: 63 Resp: 502070

Ion Ratio Lower Upper

63 100

41 0.0 59.4 89.0#

62 18.8 56.8 85.2#



#40

1,4-Dioxane

Concen: 0.003 ppbv

RT: 7.288 min Scan# 1457

Delta R.T. -0.010 min

Lab File: VL041256.D

Acq: 9 May 2024 13:23

Tgt Ion: 88 Resp: 65

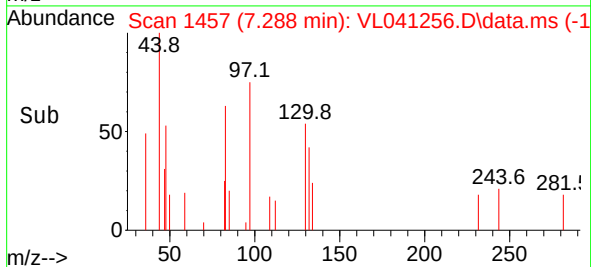
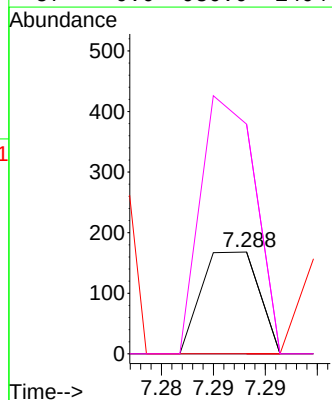
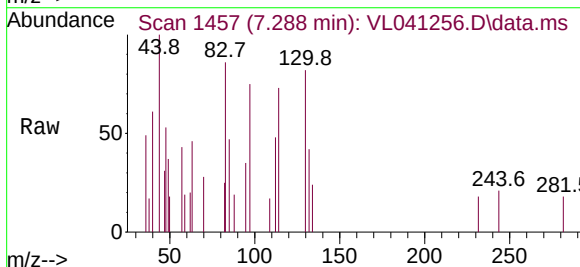
Ion Ratio Lower Upper

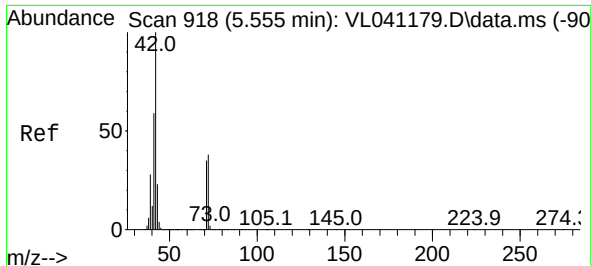
88 100

58 0.0 106.1 159.1#

43 0.0 219.8 329.6#

57 0.0 936.0 1404.0#





#41

Tetrahydrofuran

Concen: 0.001 ppbv

RT: 5.552 min Scan# 91

Delta R.T. -0.019 min

Lab File: VL041256.D

Acq: 9 May 2024 13:23

Instrument :

MSVOA_L

ClientSampleId :

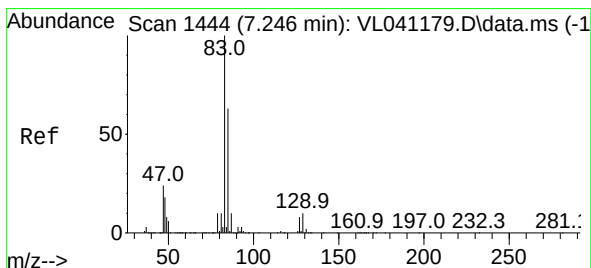
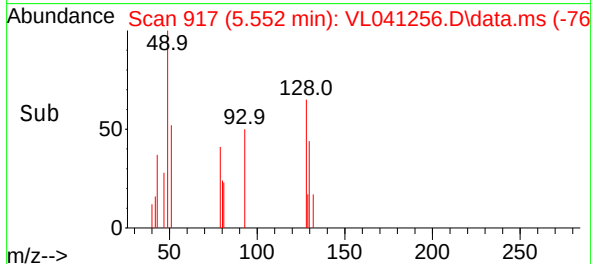
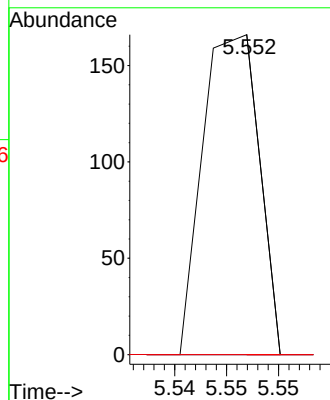
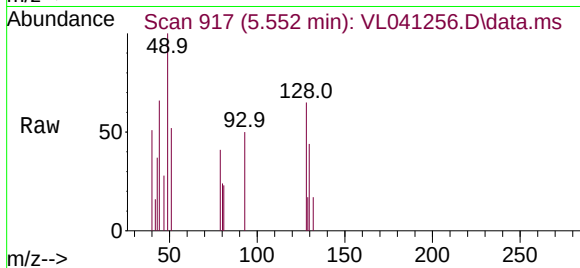
Tgt Ion: 42 Resp: 63

Ion Ratio Lower Upper

42 100

72 0.0 29.4 44.0#

71 130.2 29.1 43.7#



#42

Bromodichloromethane

Concen: 0.018 ppbv

RT: 7.266 min Scan# 1450

Delta R.T. 0.003 min

Lab File: VL041256.D

Acq: 9 May 2024 13:23

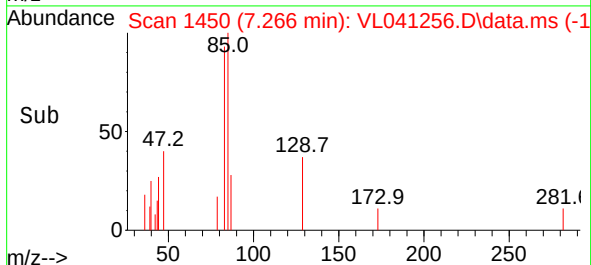
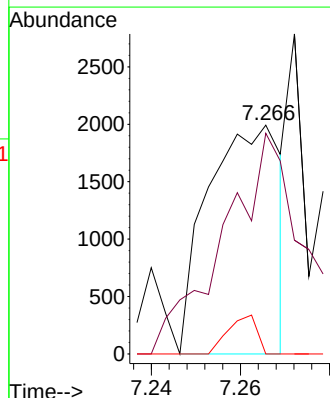
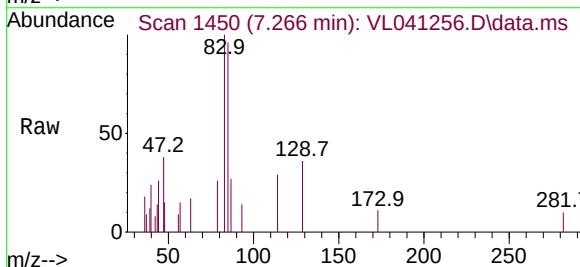
Tgt Ion: 83 Resp: 2263

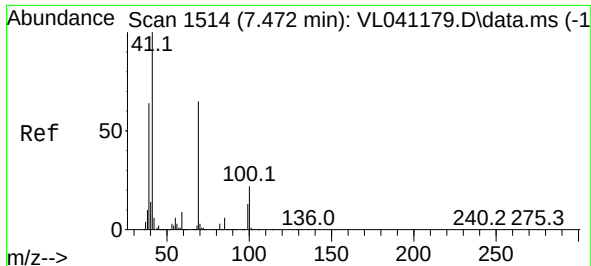
Ion Ratio Lower Upper

83 100

85 72.8 50.6 75.8

127 0.0 6.2 9.4#





#43

Methyl Methacrylate

Concen: 0.015 ppbv

RT: 7.497 min Scan# 1473

Delta R.T. 0.010 min

Lab File: VL041256.D

Acq: 9 May 2024 13:23

Instrument :

MSVOA_L

ClientSampleId :

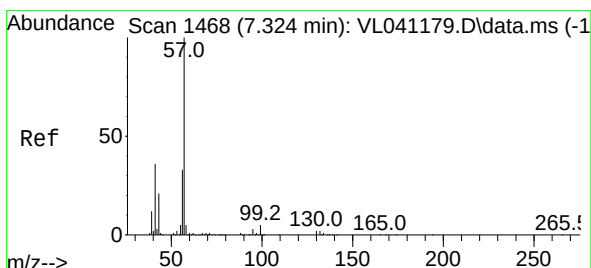
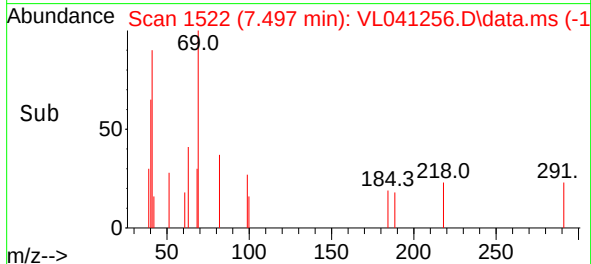
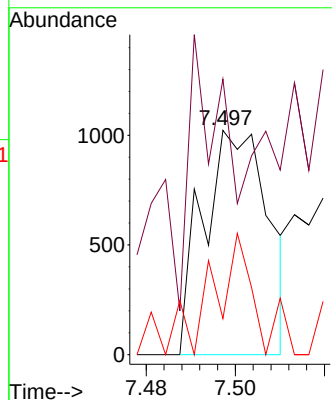
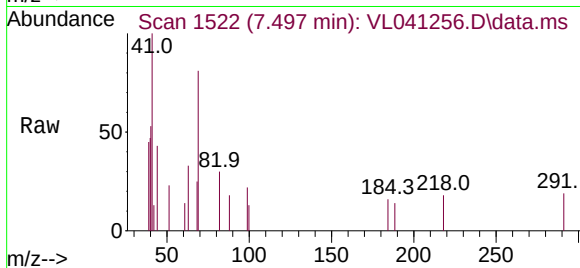
Tgt Ion: 69 Resp: 1041

Ion Ratio Lower Upper

69 100

41 294.3 125.2 187.8#

100 44.5 26.7 40.1#



#44

2,2,4-Trimethylpentane

Concen: 0.010 ppbv

RT: 7.340 min Scan# 1473

Delta R.T. 0.000 min

Lab File: VL041256.D

Acq: 9 May 2024 13:23

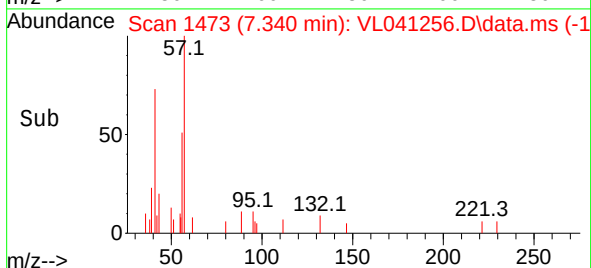
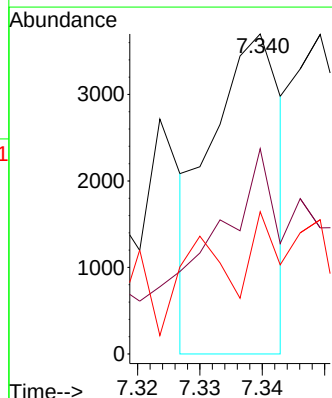
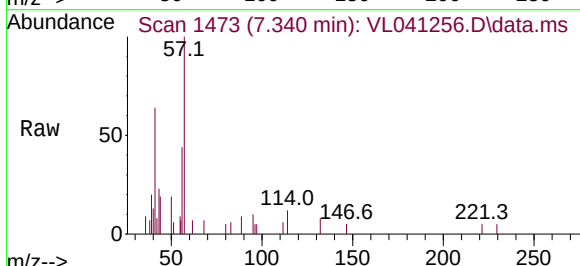
Tgt Ion: 57 Resp: 2883

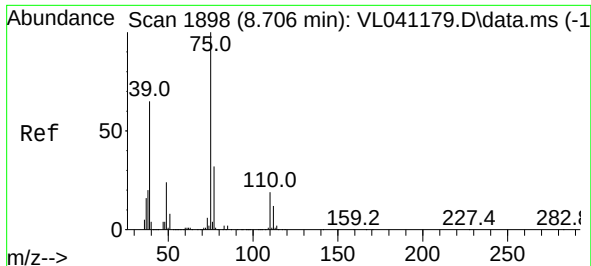
Ion Ratio Lower Upper

57 100

41 175.1 29.5 44.3#

56 112.5 25.3 37.9#





#45

t-1,3-Dichloropropene

Concen: 0.002 ppbv

RT: 8.716 min Scan# 1

Delta R.T. -0.006 min

Lab File: VL041256.D

Acq: 9 May 2024 13:23

Instrument :

MSVOA_L

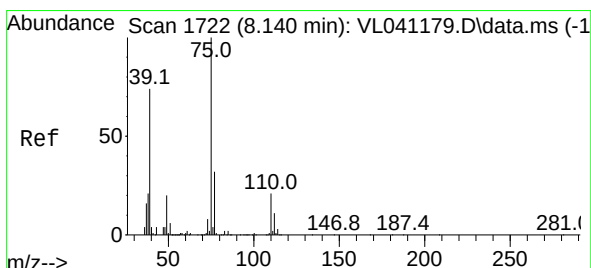
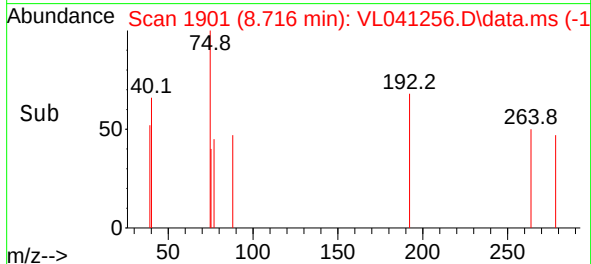
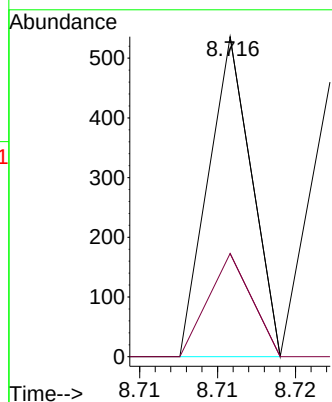
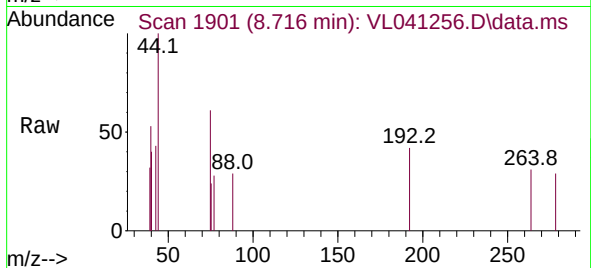
ClientSampleId :

Tgt Ion: 75 Resp: 103

Ion Ratio Lower Upper

75 100

77 32.3 25.6 38.4



#46

cis-1,3-Dichloropropene

Concen: 0.023 ppbv

RT: 8.160 min Scan# 1728

Delta R.T. 0.003 min

Lab File: VL041256.D

Acq: 9 May 2024 13:23

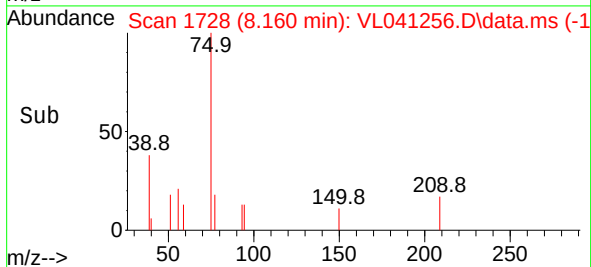
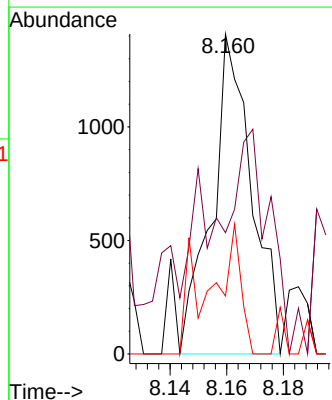
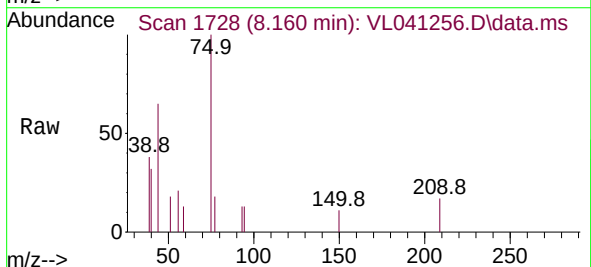
Tgt Ion: 75 Resp: 1373

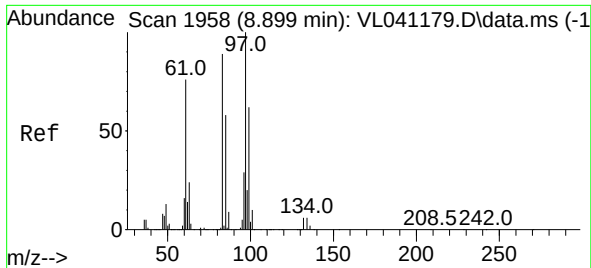
Ion Ratio Lower Upper

75 100

39 20.4 59.4 89.2#

77 18.1 25.9 38.9#





#47

1,1,2-Trichloroethane

Concen: 0.021 ppbv

RT: 8.912 min Scan# 1958

Delta R.T. -0.003 min

Lab File: VL041256.D

Acq: 9 May 2024 13:23

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 97 Resp: 1355

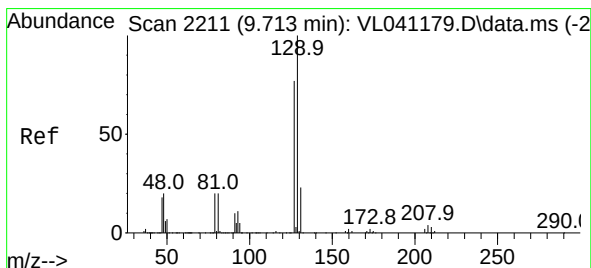
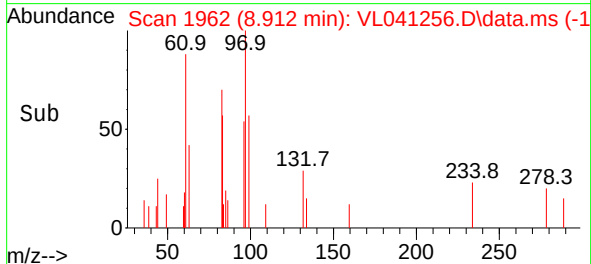
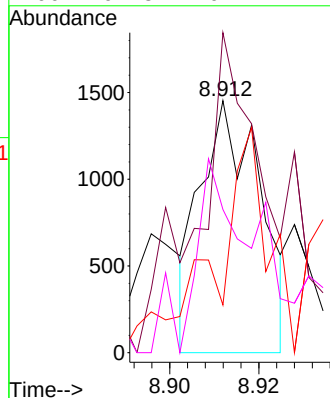
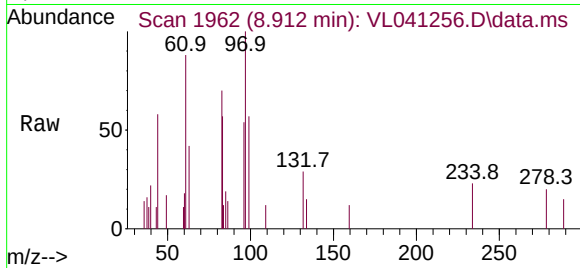
Ion Ratio Lower Upper

97 100

83 167.8 71.2 106.8#

85 7.4 46.0 69.0#

99 92.3 49.7 74.5#



#48

Dibromochloromethane

Concen: 0.008 ppbv

RT: 9.732 min Scan# 2217

Delta R.T. 0.007 min

Lab File: VL041256.D

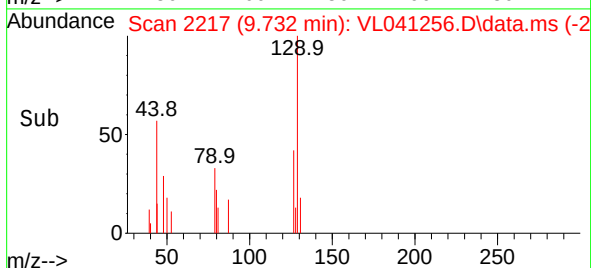
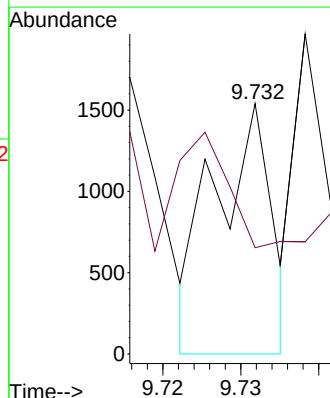
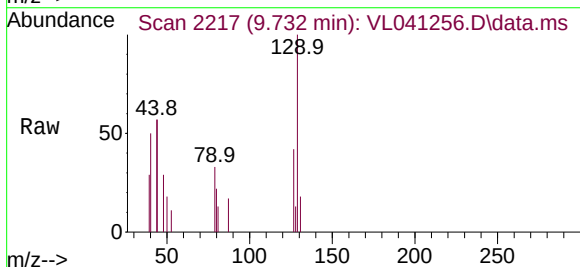
Acq: 9 May 2024 13:23

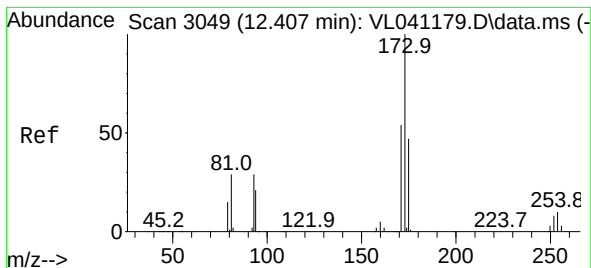
Tgt Ion: 129 Resp: 781

Ion Ratio Lower Upper

129 100

127 0.0 39.1 117.5#





#49

Bromoform

Concen: 0.012 ppbv

RT: 12.413 min Scan# 3049

Delta R.T. -0.006 min

Lab File: VL041256.D

Acq: 9 May 2024 13:23

Instrument :

MSVOA_L

ClientSampleId :

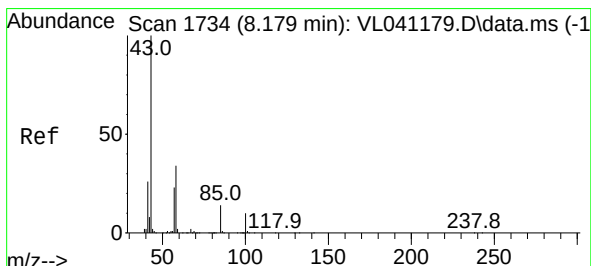
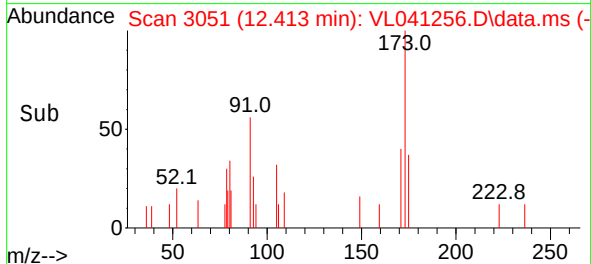
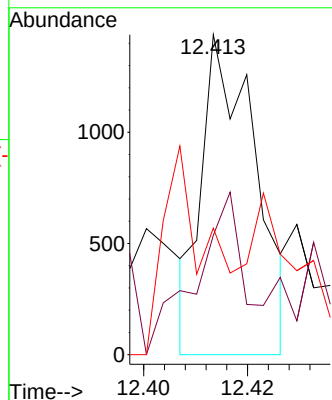
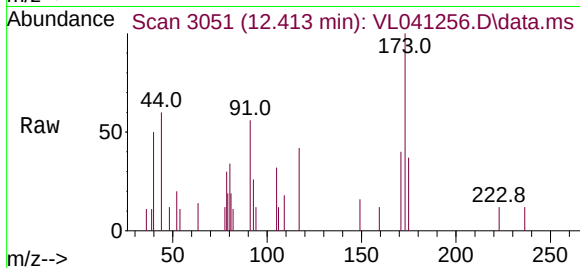
Tgt Ion:173 Resp: 1028

Ion Ratio Lower Upper

173 100

175 110.0 39.8 59.8#

171 115.1 41.8 62.8#



#50

4-Methyl-2-Pentanone

Concen: 0.001 ppbv

RT: 8.208 min Scan# 1743

Delta R.T. 0.013 min

Lab File: VL041256.D

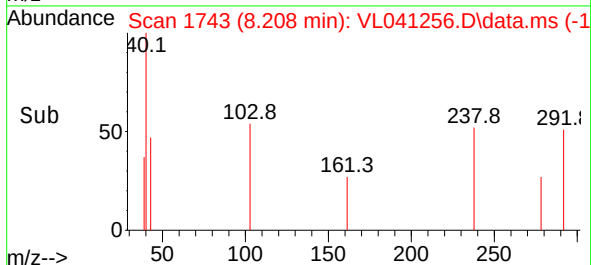
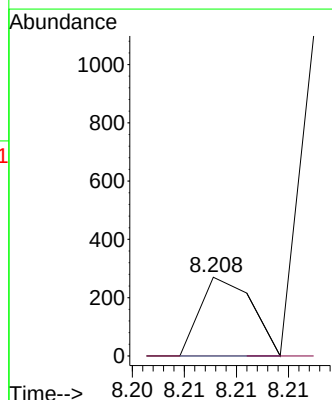
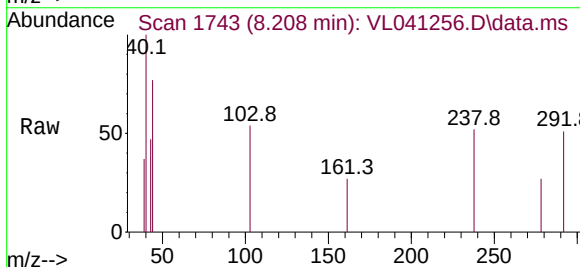
Acq: 9 May 2024 13:23

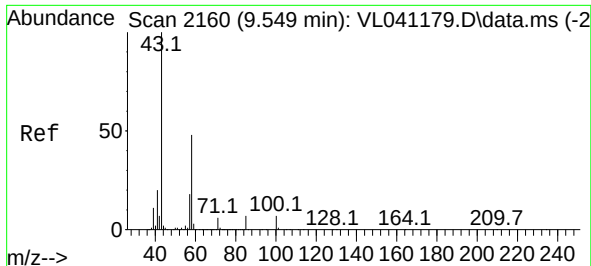
Tgt Ion: 43 Resp: 94

Ion Ratio Lower Upper

43 100

58 0.0 27.7 41.5#

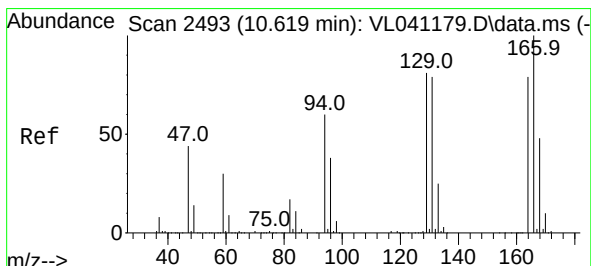
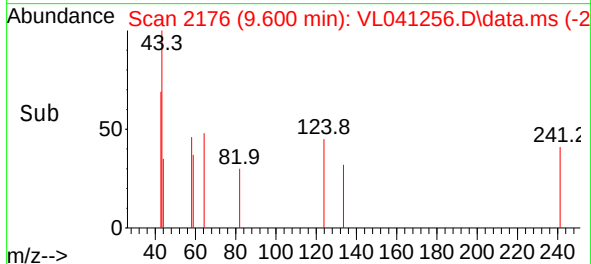
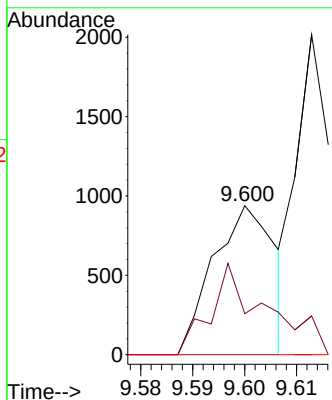
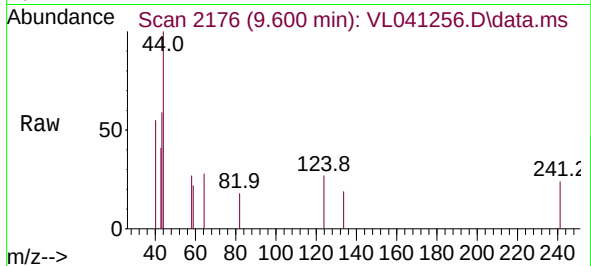




#51
2-Hexanone
Concen: 0.006 ppbv
RT: 9.600 min Scan# 2160
Delta R.T. 0.035 min
Lab File: VL041256.D
Acq: 9 May 2024 13:23

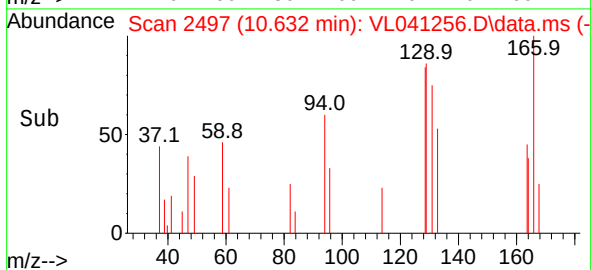
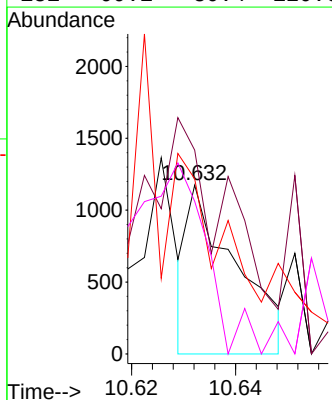
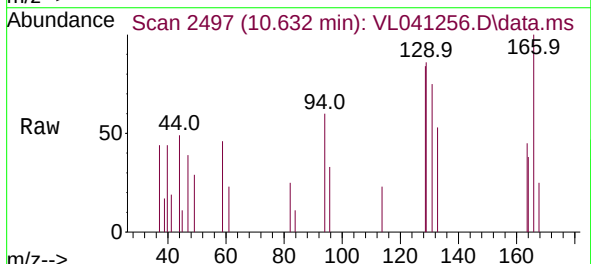
Instrument :
MSVOA_L
ClientSampleId :

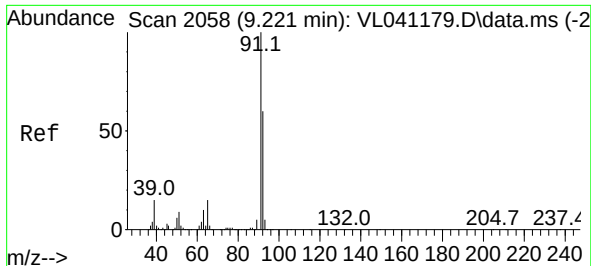
Tgt Ion: 43 Resp: 768
Ion Ratio Lower Upper
43 100
58 108.9 38.4 57.6#
98 0.0 0.0 0.0



#52
Tetrachloroethene
Concen: 0.013 ppbv
RT: 10.632 min Scan# 2497
Delta R.T. 0.003 min
Lab File: VL041256.D
Acq: 9 May 2024 13:23

Tgt Ion: 164 Resp: 766
Ion Ratio Lower Upper
164 100
166 131.1 101.1 151.7
129 69.7 81.7 122.5#
131 99.1 80.4 120.6





#53

Toluene

Concen: 0.019 ppbv

RT: 9.230 min Scan# 2061

Delta R.T. -0.003 min

Lab File: VL041256.D

Acq: 9 May 2024 13:23

Instrument :

MSVOA_L

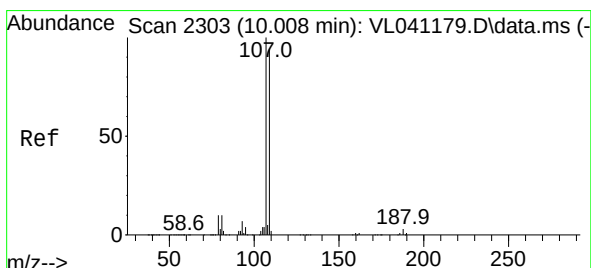
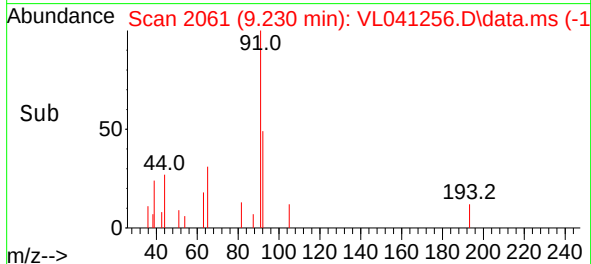
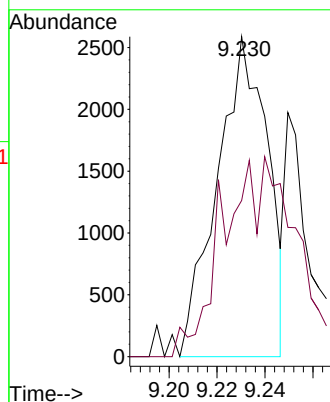
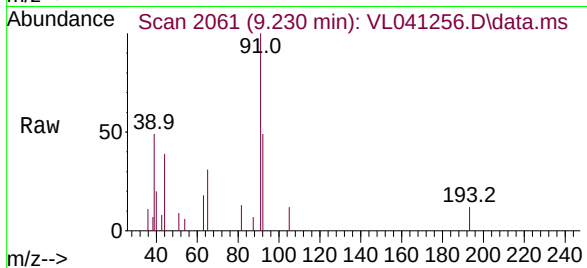
ClientSampleId :

Tgt Ion: 91 Resp: 3770

Ion Ratio Lower Upper

91 100

92 92.5 48.2 72.4#



#54

1,2-Dibromoethane

Concen: 0.012 ppbv

RT: 10.021 min Scan# 2307

Delta R.T. 0.000 min

Lab File: VL041256.D

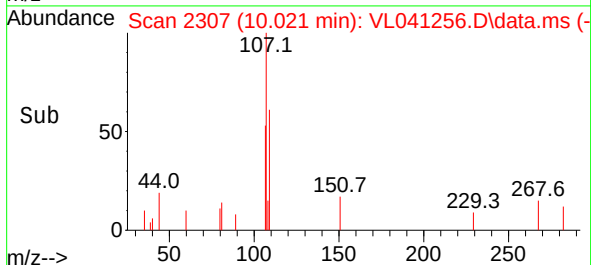
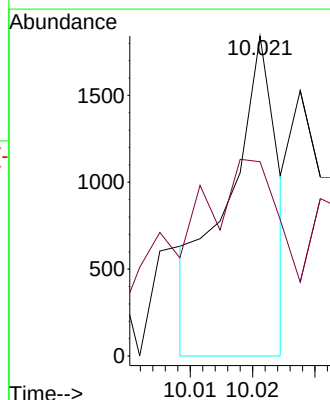
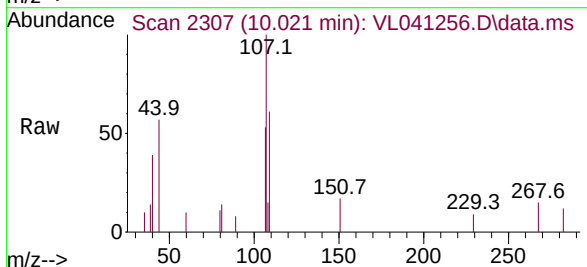
Acq: 9 May 2024 13:23

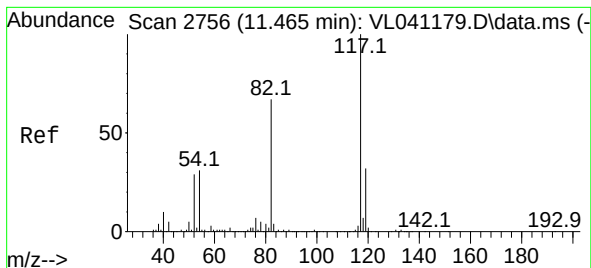
Tgt Ion:107 Resp: 1038

Ion Ratio Lower Upper

107 100

109 45.7 75.2 112.8#





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.481 min Scan# 2756

Delta R.T. 0.000 min

Lab File: VL041256.D

Acq: 9 May 2024 13:23

Instrument :

MSVOA_L

ClientSampleId :

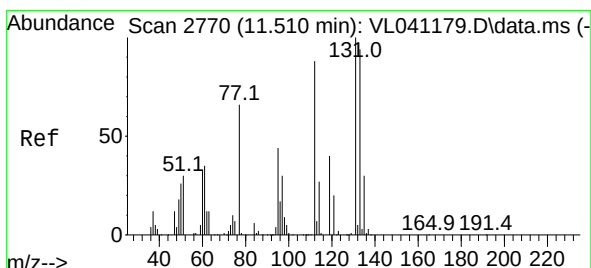
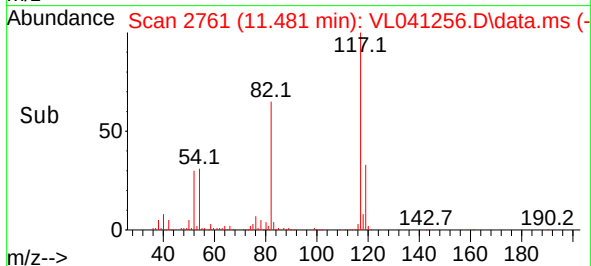
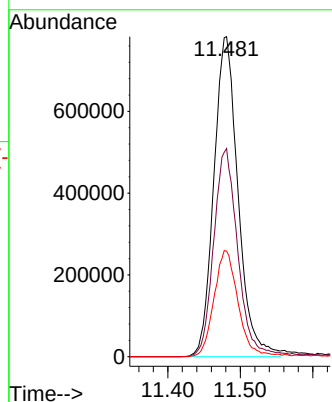
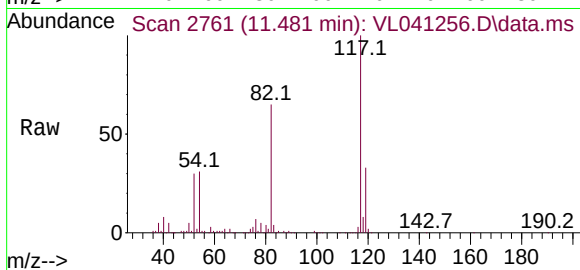
Tgt Ion:117 Resp: 1815331

Ion Ratio Lower Upper

117 100

82 65.9 53.6 80.4

119 33.2 27.2 40.8



#56

1,1,1,2-Tetrachloroethane

Concen: 0.021 ppbv

RT: 11.523 min Scan# 2774

Delta R.T. 0.000 min

Lab File: VL041256.D

Acq: 9 May 2024 13:23

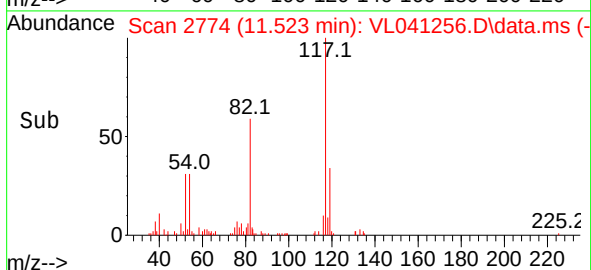
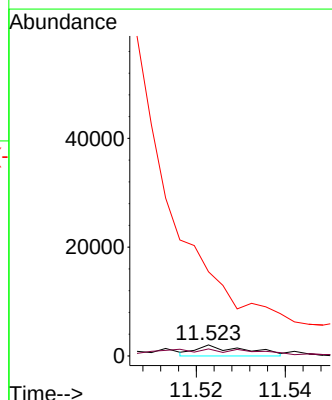
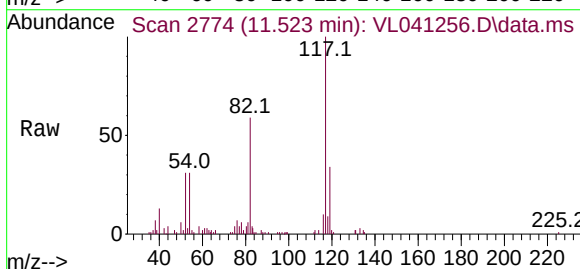
Tgt Ion:131 Resp: 1559

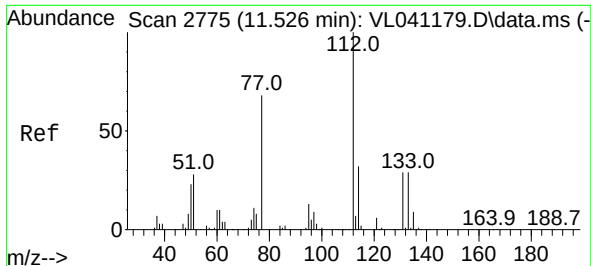
Ion Ratio Lower Upper

131 100

133 167.6 76.3 114.5#

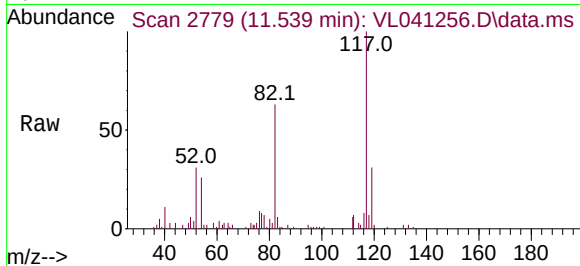
119 0.0 49.4 74.2#



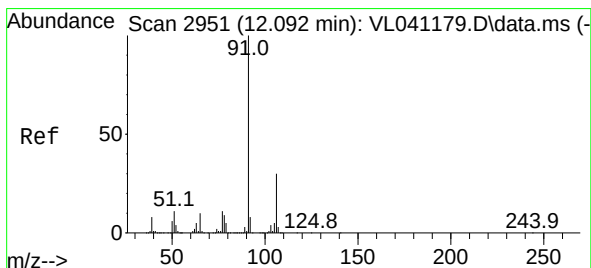
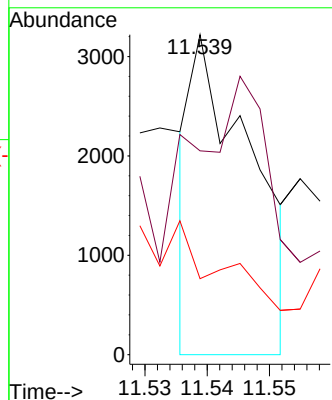
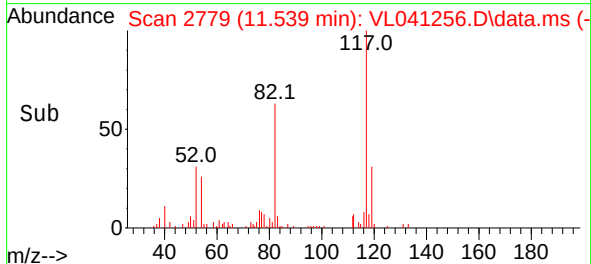


#57
Chlorobenzene
Concen: 0.016 ppbv
RT: 11.539 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL041256.D
Acq: 9 May 2024 13:23

Instrument :
MSVOA_L
ClientSampleId :

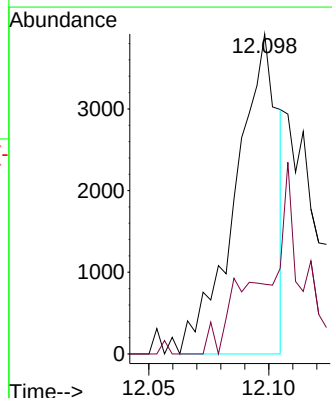
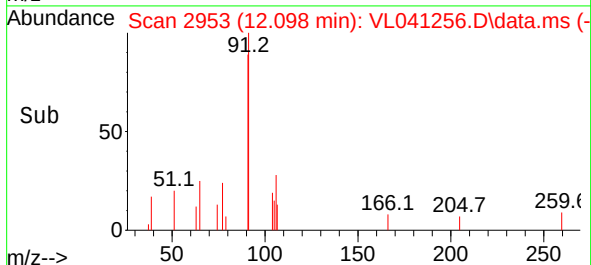
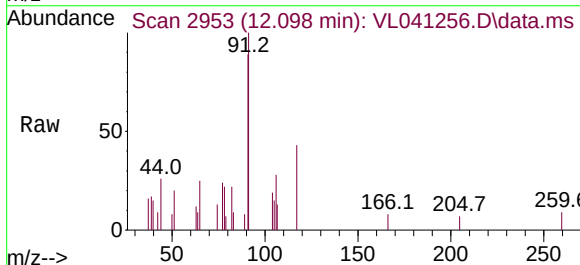


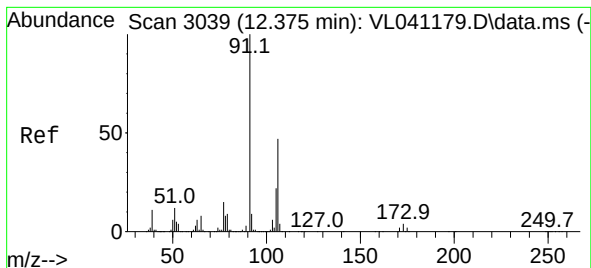
Tgt Ion:112 Resp: 2146
Ion Ratio Lower Upper
112 100
77 52.1 54.9 82.3#
114 48.4 28.7 35.1#



#58
Ethyl Benzene
Concen: 0.019 ppbv
RT: 12.098 min Scan# 2953
Delta R.T. -0.003 min
Lab File: VL041256.D
Acq: 9 May 2024 13:23

Tgt Ion: 91 Resp: 4797
Ion Ratio Lower Upper
91 100
106 21.8 24.3 36.5#





#59

m/p-Xylene

Concen: 0.012 ppbv

RT: 12.378 min Scan# 3040

Delta R.T. -0.006 min

Lab File: VL041256.D

Acq: 9 May 2024 13:23

Instrument :

MSVOA_L

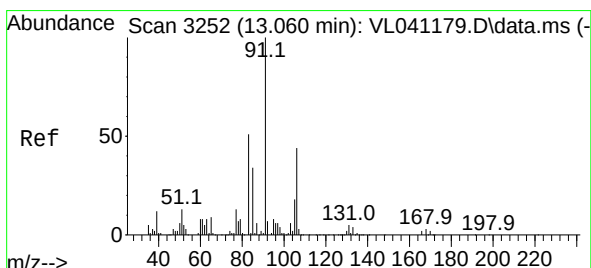
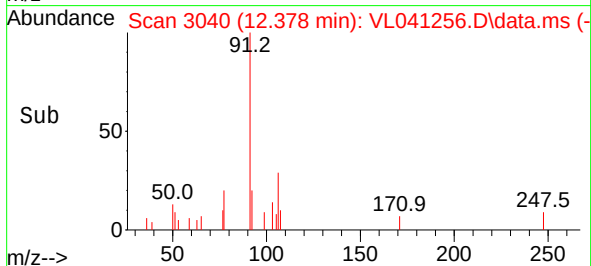
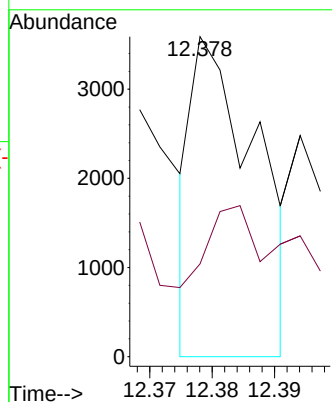
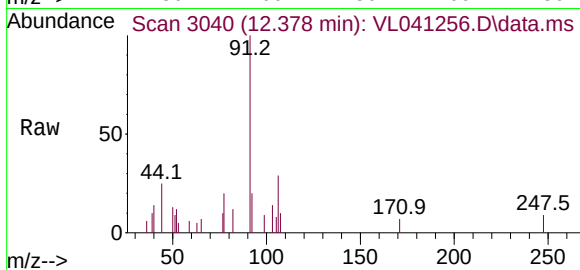
ClientSampleId :

Tgt Ion: 91 Resp: 2553

Ion Ratio Lower Upper

91 100

106 0.0 35.7 53.5#



#60

o-Xylene

Concen: 0.009 ppbv

RT: 13.066 min Scan# 3254

Delta R.T. -0.003 min

Lab File: VL041256.D

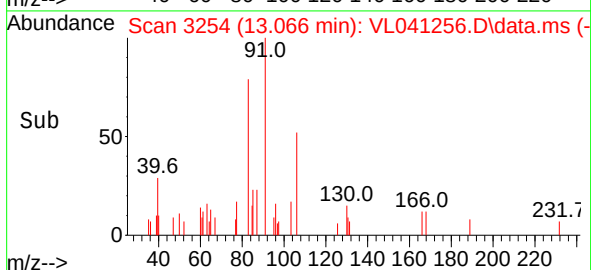
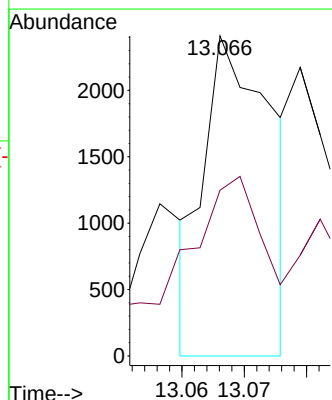
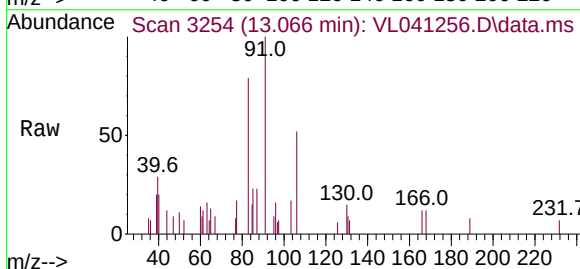
Acq: 9 May 2024 13:23

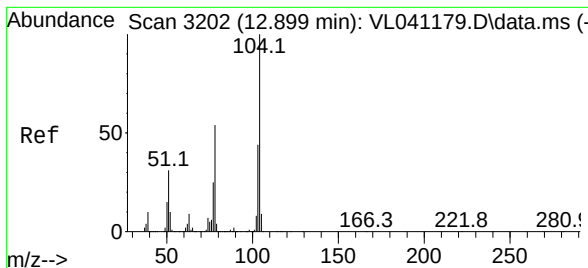
Tgt Ion: 91 Resp: 1800

Ion Ratio Lower Upper

91 100

106 120.9 22.4 67.3#





#61

Styrene

Concen: 0.004 ppbv

RT: 12.912 min Scan# 31

Delta R.T. 0.003 min

Lab File: VL041256.D

Acq: 9 May 2024 13:23

Instrument :

MSVOA_L

ClientSampleId :

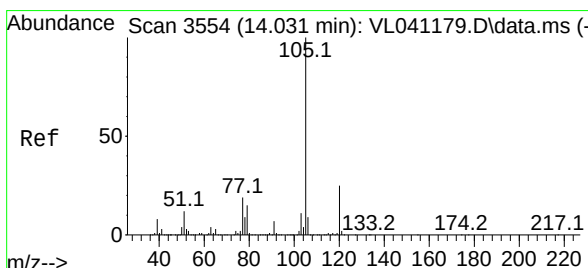
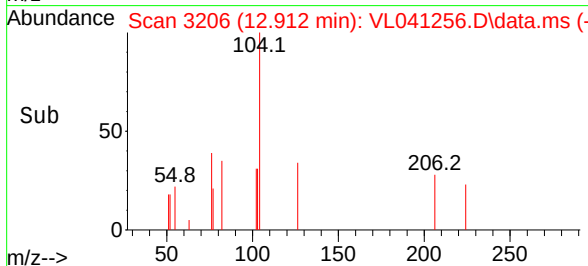
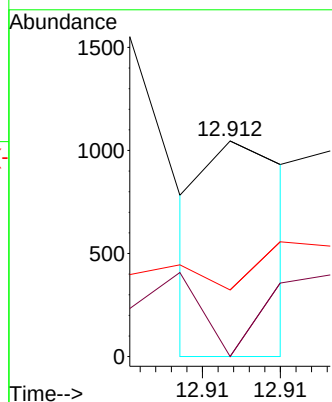
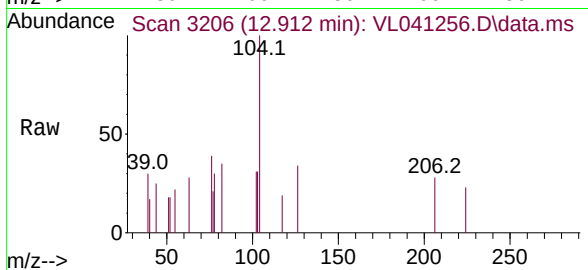
Tgt Ion:104 Resp: 382

Ion Ratio Lower Upper

104 100

78 0.0 42.6 63.8#

103 0.0 38.4 57.6#



#62

Isopropylbenzene

Concen: 0.012 ppbv

RT: 14.044 min Scan# 3558

Delta R.T. 0.000 min

Lab File: VL041256.D

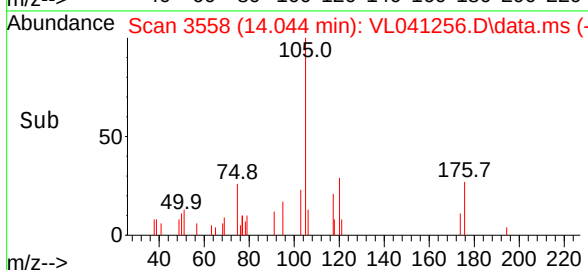
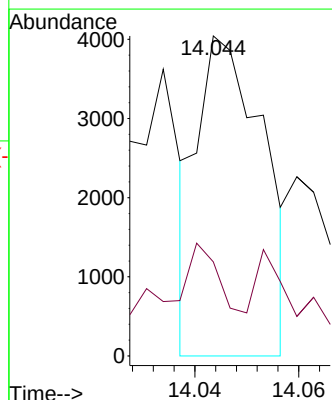
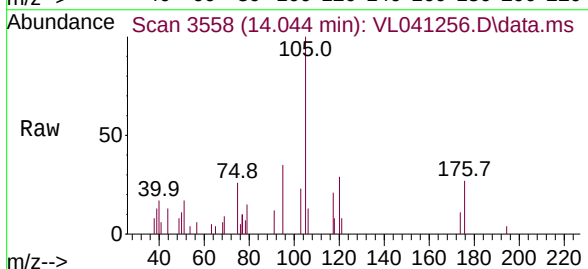
Acq: 9 May 2024 13:23

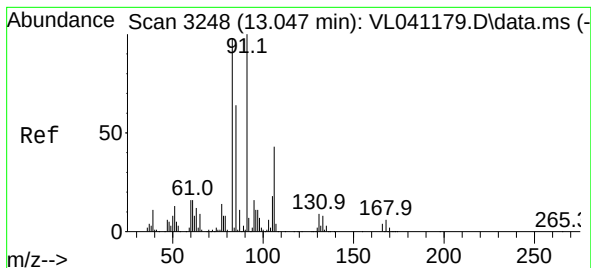
Tgt Ion:105 Resp: 3551

Ion Ratio Lower Upper

105 100

120 68.2 20.2 30.2#





#63

1,1,2,2-Tetrachloroethane

Concen: 0.009 ppbv

RT: 13.056 min Scan# 31

Delta R.T. -0.003 min

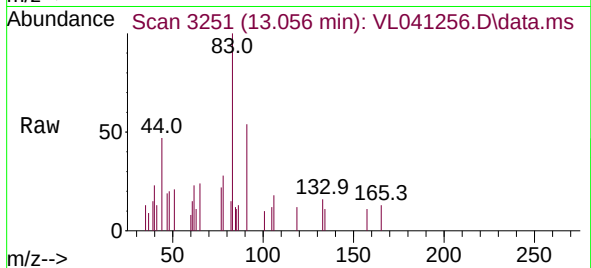
Lab File: VL041256.D

Acq: 9 May 2024 13:23

Instrument :

MSVOA_L

ClientSampleId :



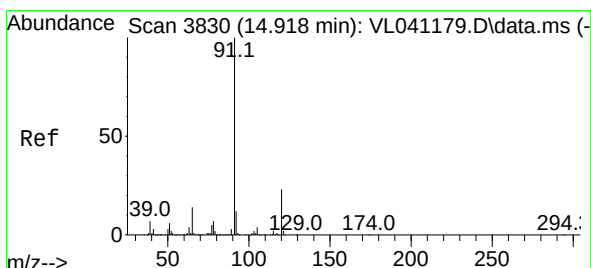
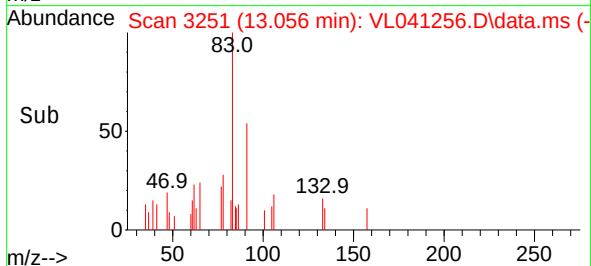
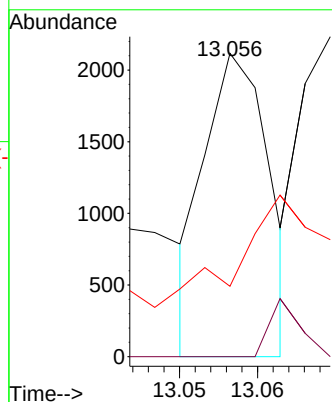
Tgt Ion: 83 Resp: 1215

Ion Ratio Lower Upper

83 100

131 0.0 4.5 13.5#

85 0.0 32.7 98.1#



#64

n-propylbenzene

Concen: 0.014 ppbv

RT: 14.931 min Scan# 3834

Delta R.T. 0.000 min

Lab File: VL041256.D

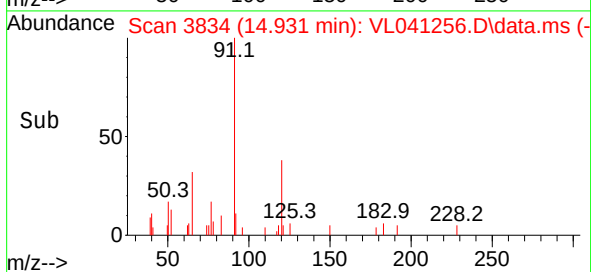
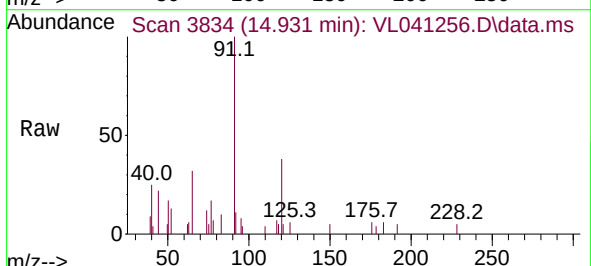
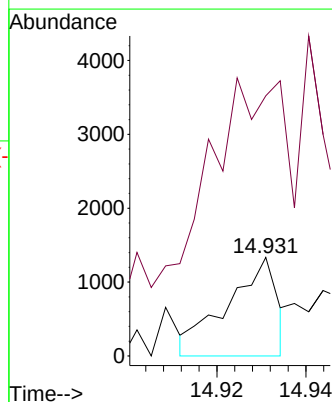
Acq: 9 May 2024 13:23

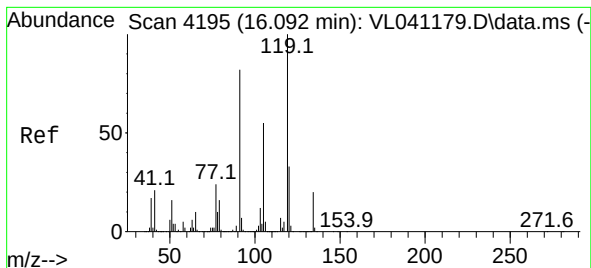
Tgt Ion:120 Resp: 1030

Ion Ratio Lower Upper

120 100

91 0.0 384.8 577.2#





#65

tert-Butylbenzene

Concen: 0.006 ppbv

RT: 16.108 min Scan# 41

Delta R.T. 0.007 min MSVOA_L

Lab File: VL041256.D

Acq: 9 May 2024 13:23

Instrument :

MSVOA_L

ClientSampleId :

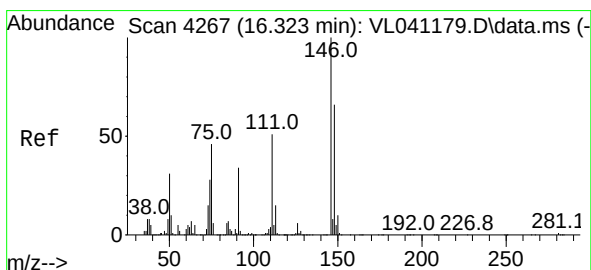
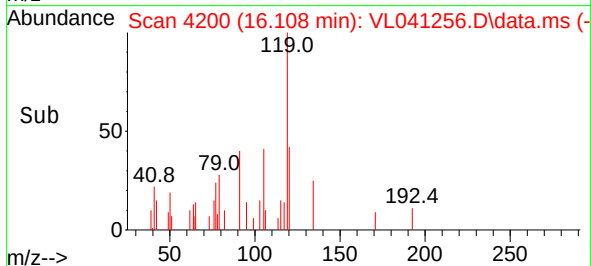
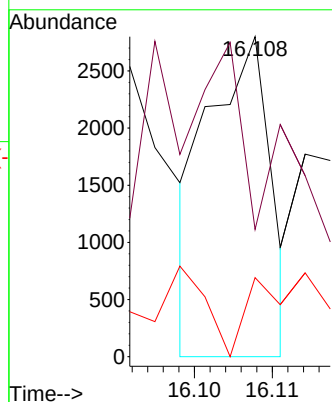
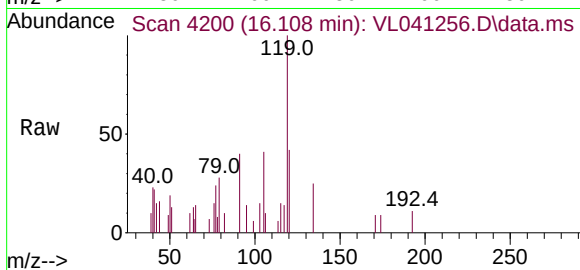
Tgt Ion:119 Resp: 1573

Ion Ratio Lower Upper

119 100

91 0.0 67.0 100.4#

134 0.0 15.2 22.8#



#66

Benzyl Chloride

Concen: 0.003 ppbv

RT: 16.333 min Scan# 4270

Delta R.T. -0.013 min

Lab File: VL041256.D

Acq: 9 May 2024 13:23

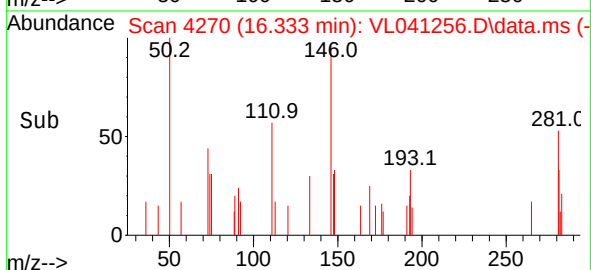
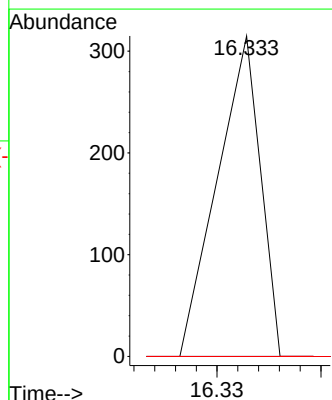
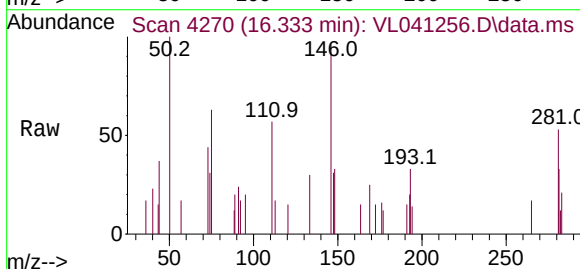
Tgt Ion: 91 Resp: 91

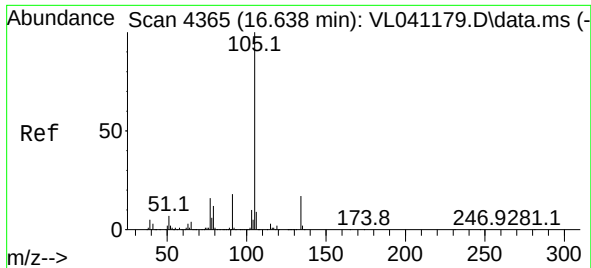
Ion Ratio Lower Upper

91 100

126 0.0 14.6 21.8#

128 193.4 4.7 7.1#





#67

sec-Butylbenzene

Concen: 0.004 ppbv

RT: 16.651 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL041256.D

Acq: 9 May 2024 13:23

Instrument :

MSVOA_L

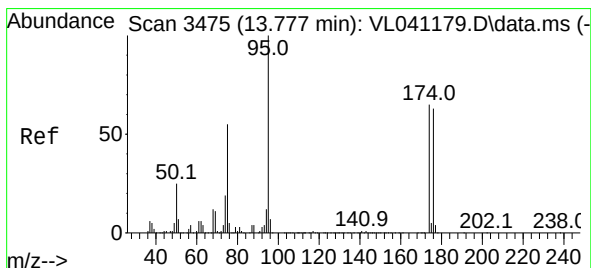
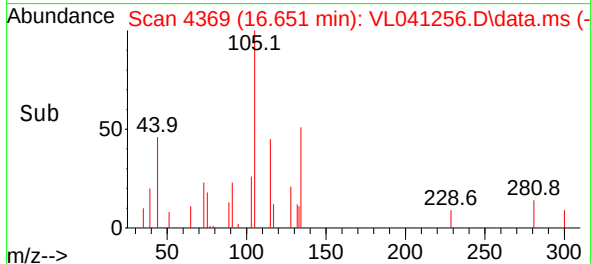
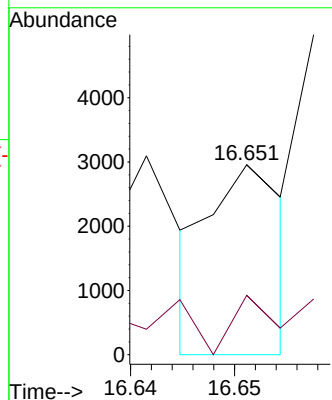
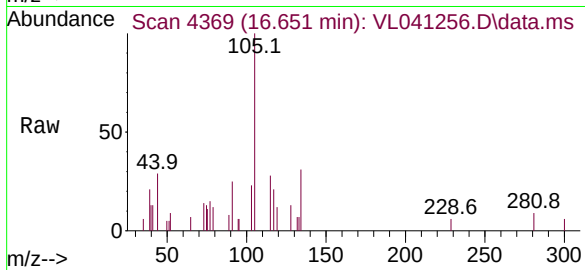
ClientSampleId :

Tgt Ion:105 Resp: 1465

Ion Ratio Lower Upper

105 100

134 85.3 13.8 20.8#



#68

1-Bromo-4-Fluorobenzene

Concen: 10.030 ppbv

RT: 13.790 min Scan# 3479

Delta R.T. 0.003 min

Lab File: VL041256.D

Acq: 9 May 2024 13:23

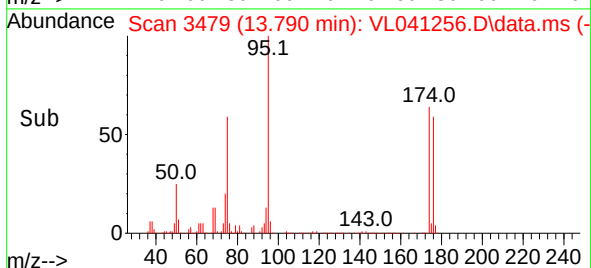
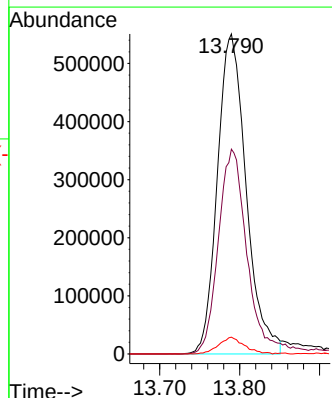
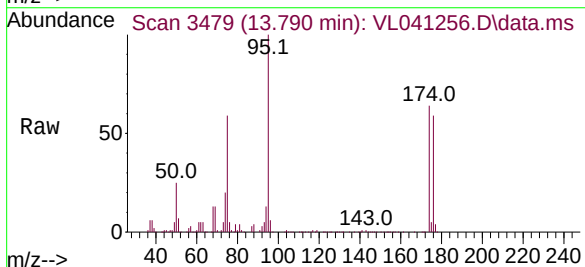
Tgt Ion: 95 Resp: 1374537

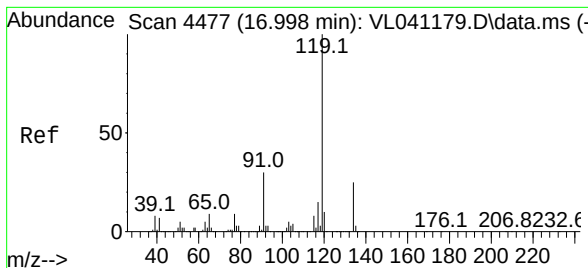
Ion Ratio Lower Upper

95 100

174 66.7 53.6 80.4

175 4.8 4.2 6.4





#69

p-Isopropyltoluene

Concen: 0.003 ppbv

RT: 17.011 min Scan# 4481

Delta R.T. 0.003 min

Lab File: VL041256.D

Acq: 9 May 2024 13:23

Instrument :

MSVOA_L

ClientSampleId :

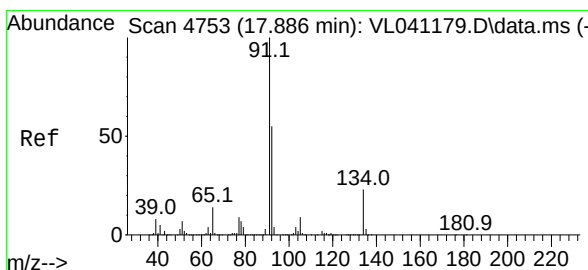
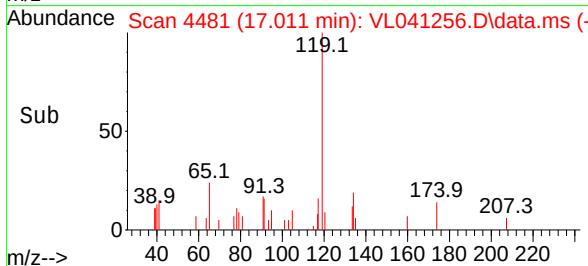
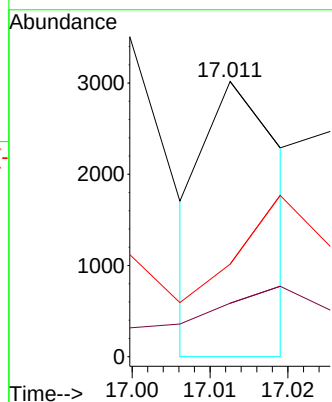
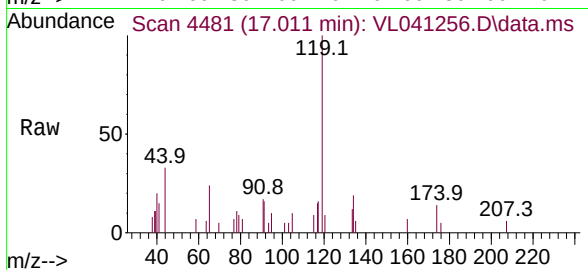
Tgt Ion:119 Resp: 1024

Ion Ratio Lower Upper

119 100

134 0.0 20.1 30.1#

91 0.0 24.2 36.2#



#70

n-Butylbenzene

Concen: 0.007 ppbv

RT: 17.902 min Scan# 4758

Delta R.T. 0.003 min

Lab File: VL041256.D

Acq: 9 May 2024 13:23

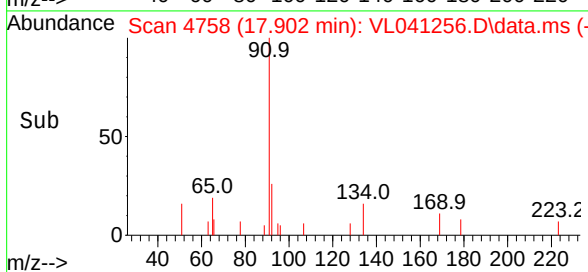
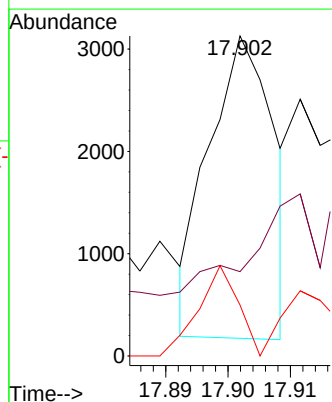
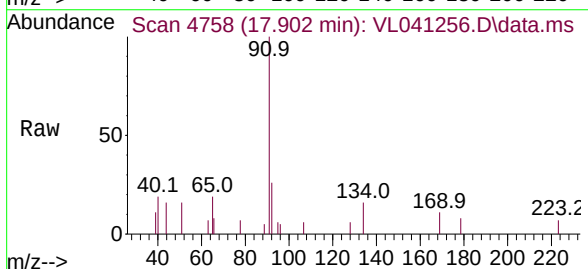
Tgt Ion: 91 Resp: 2149

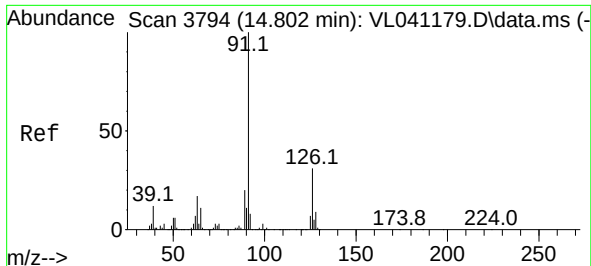
Ion Ratio Lower Upper

91 100

92 0.0 43.3 64.9#

134 35.2 17.8 26.8#

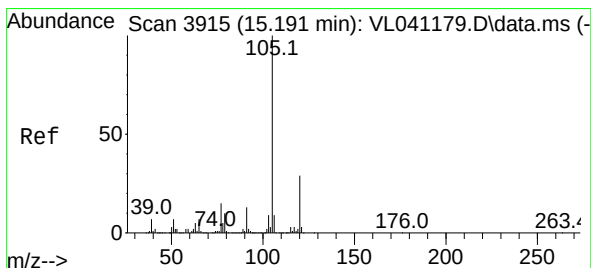
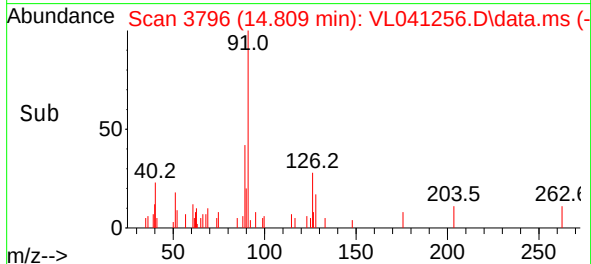
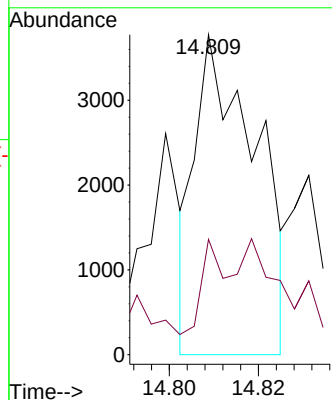
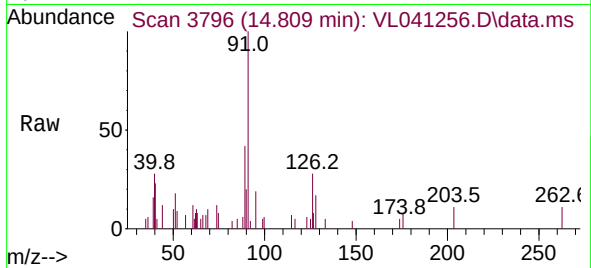




#71
2-Chlorotoluene
Concen: 0.016 ppbv
RT: 14.809 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL041256.D
Acq: 9 May 2024 13:23

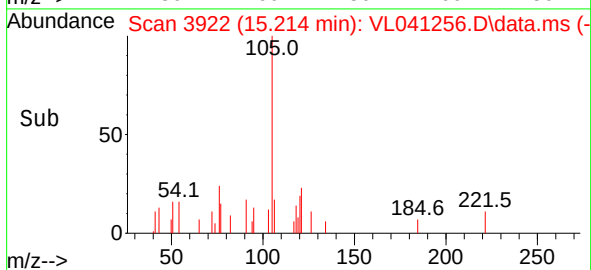
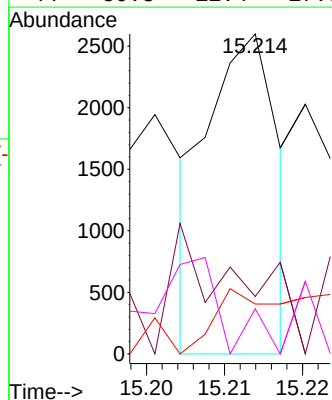
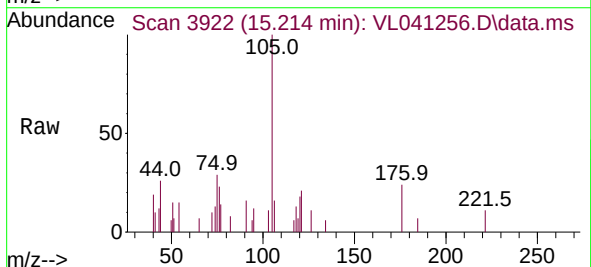
Instrument :
MSVOA_L
ClientSampleId :

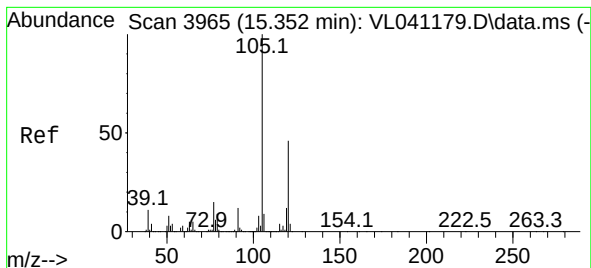
Tgt Ion: 91 Resp: 3559
Ion Ratio Lower Upper
91 100
126 65.3 12.2 48.8#



#72
4-Ethyltoluene
Concen: 0.007 ppbv
RT: 15.214 min Scan# 3922
Delta R.T. 0.007 min
Lab File: VL041256.D
Acq: 9 May 2024 13:23

Tgt Ion:105 Resp: 1618
Ion Ratio Lower Upper
105 100
120 110.0 24.7 37.1#
91 39.4 10.3 15.5#
77 50.3 11.4 17.0#





#73

1,3,5-Trimethylbenzene

Concen: 0.008 ppbv

RT: 15.365 min Scan# 3969

Delta R.T. 0.000 min

Lab File: VL041256.D

Acq: 9 May 2024 13:23

Instrument :

MSVOA_L

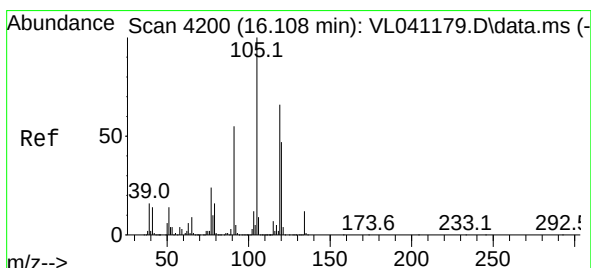
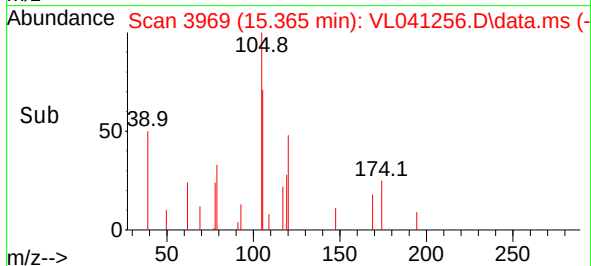
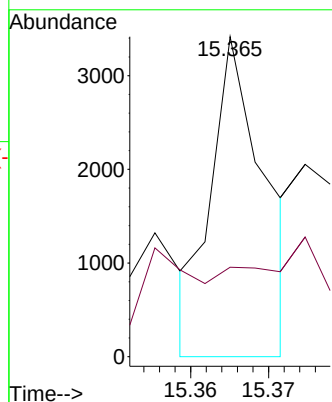
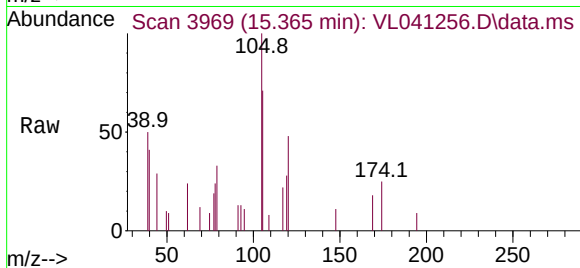
ClientSampleId :

Tgt Ion:105 Resp: 1624

Ion Ratio Lower Upper

105 100

120 2.0 37.0 55.4#



#74

1,2,4-Trimethylbenzene

Concen: 0.005 ppbv

RT: 16.117 min Scan# 4203

Delta R.T. -0.003 min

Lab File: VL041256.D

Acq: 9 May 2024 13:23

Tgt Ion:105 Resp: 1166

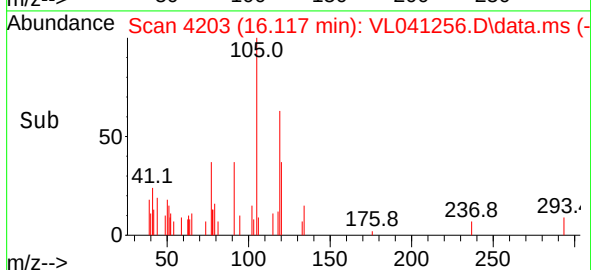
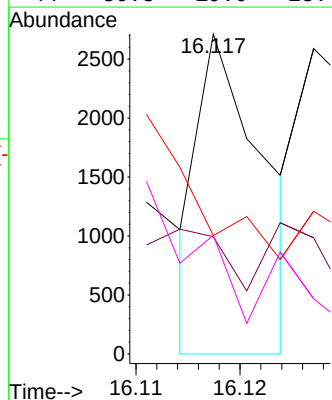
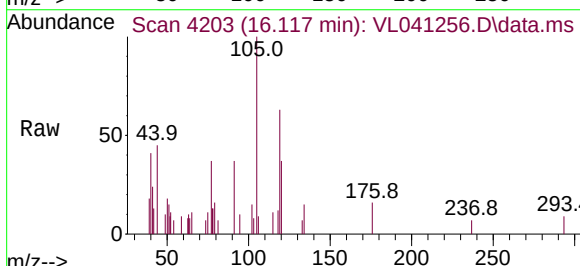
Ion Ratio Lower Upper

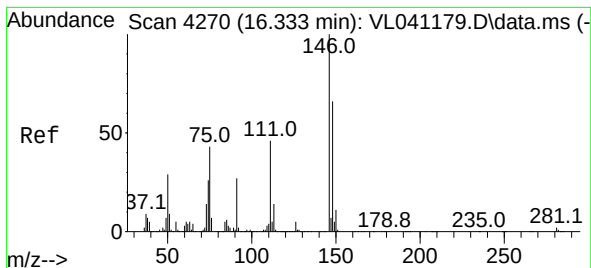
105 100

120 0.0 37.8 56.6#

91 12.3 44.3 66.5#

77 36.3 19.0 28.4#





#75

1,3-Dichlorobenzene

Concen: 0.004 ppbv

RT: 16.339 min Scan# 41

Delta R.T. -0.003 min

Lab File: VL041256.D

Acq: 9 May 2024 13:23

Instrument :

MSVOA_L

ClientSampleId :

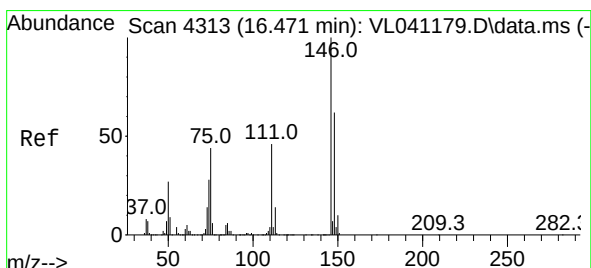
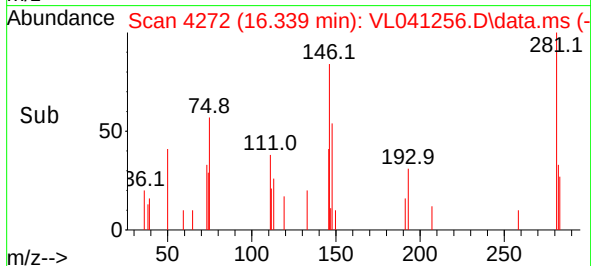
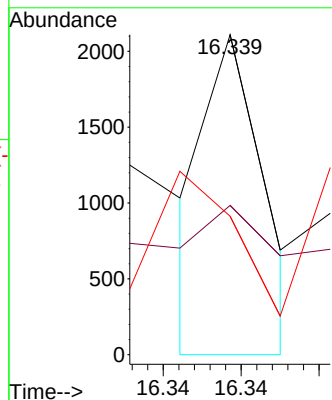
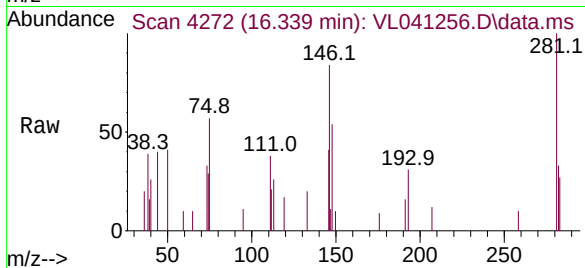
Tgt Ion:146 Resp: 540

Ion Ratio Lower Upper

146 100

111 335.6 23.7 71.1#

148 0.0 32.5 97.4#



#76

1,4-Dichlorobenzene

Concen: 0.005 ppbv

RT: 16.487 min Scan# 4318

Delta R.T. 0.003 min

Lab File: VL041256.D

Acq: 9 May 2024 13:23

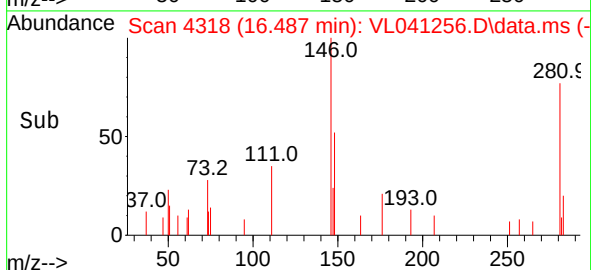
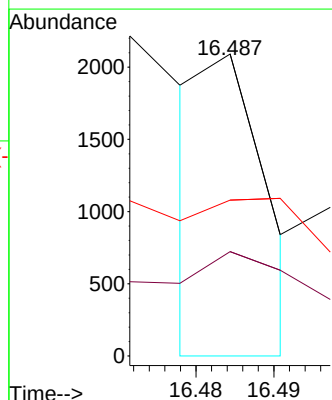
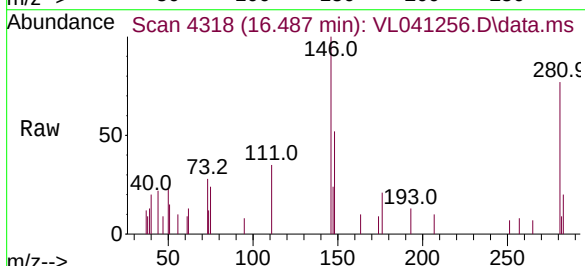
Tgt Ion:146 Resp: 566

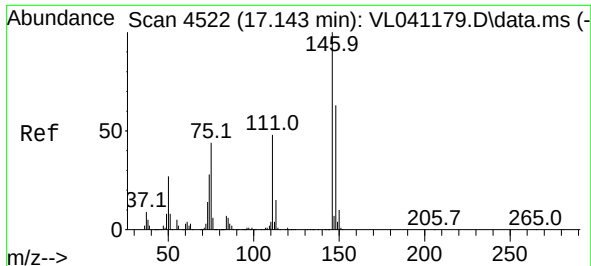
Ion Ratio Lower Upper

146 100

111 0.0 23.3 69.8#

148 0.0 32.6 97.7#

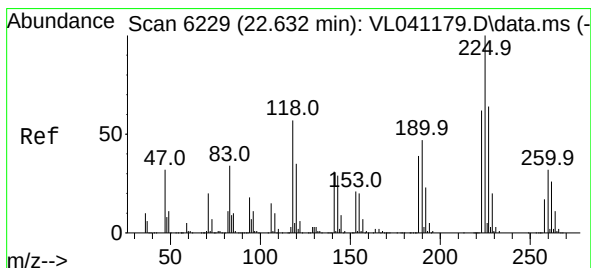
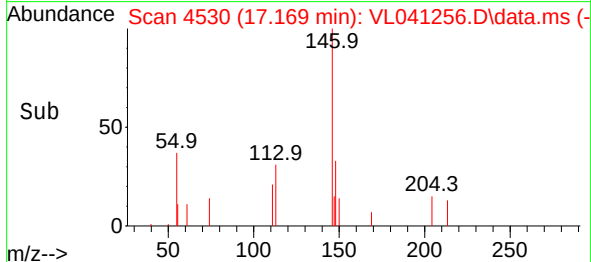
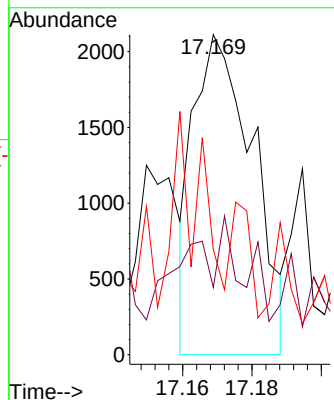
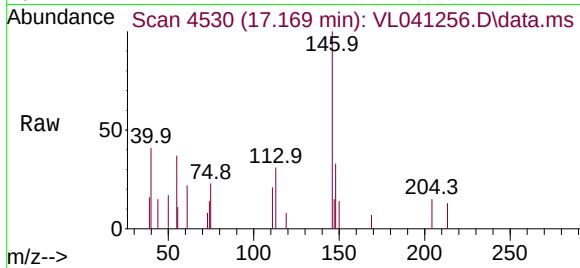




#77
1,2-Dichlorobenzene
Concen: 0.020 ppbv
RT: 17.169 min Scan# 4530
Delta R.T. 0.010 min
Lab File: VL041256.D
Acq: 9 May 2024 13:23

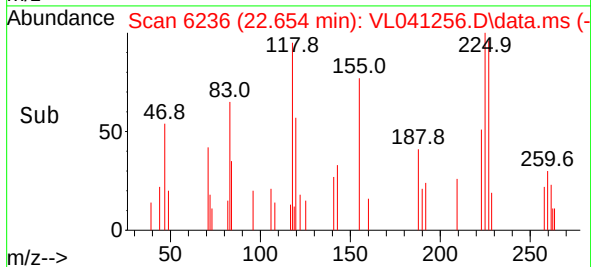
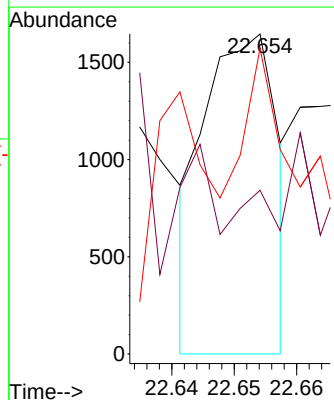
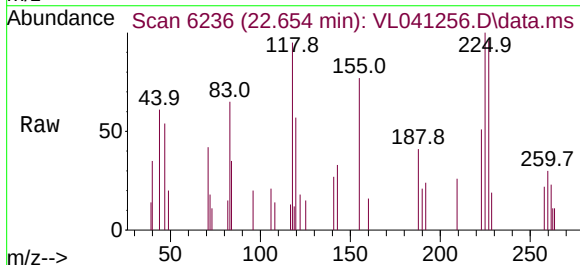
Instrument :
MSVOA_L
ClientSampleId :

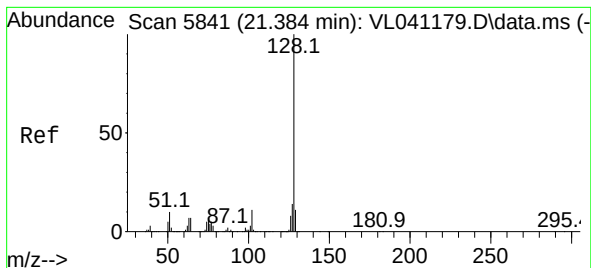
Tgt Ion:146 Resp: 2518
Ion Ratio Lower Upper
146 100
111 85.7 24.5 73.5#
148 107.7 32.6 98.0#



#78
Hexachloro-1,3-Butadiene
Concen: 0.012 ppbv
RT: 22.654 min Scan# 6236
Delta R.T. 0.006 min
Lab File: VL041256.D
Acq: 9 May 2024 13:23

Tgt Ion:225 Resp: 1340
Ion Ratio Lower Upper
225 100
223 0.0 50.9 76.3#
227 241.7 52.0 78.0#





#79

Naphthalene

Concen: 0.002 ppbv

RT: 21.403 min Scan# 51

Delta R.T. 0.003 min

Lab File: VL041256.D

Acq: 9 May 2024 13:23

Instrument :

MSVOA_L

ClientSampleId :

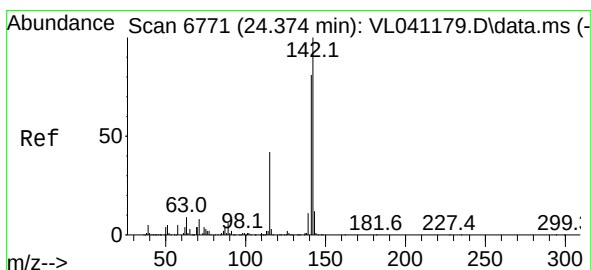
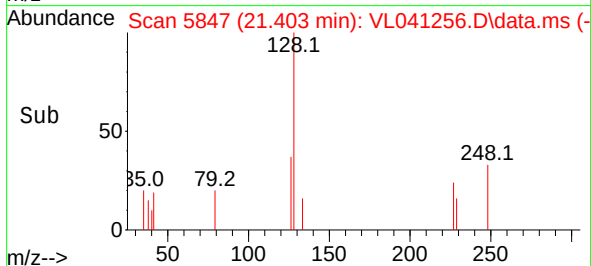
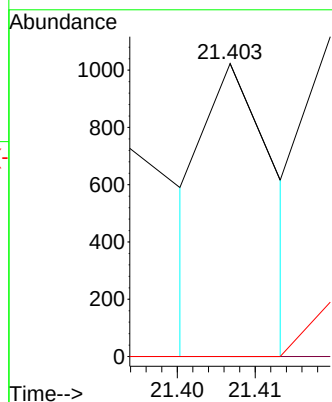
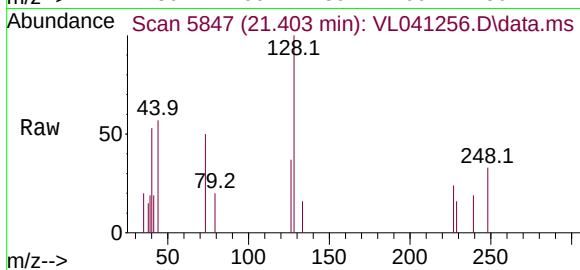
Tgt Ion:128 Resp: 316

Ion Ratio Lower Upper

128 100

127 0.0 10.8 16.2#

129 0.0 8.9 13.3#



#80

Naphthalene,2-methyl-

Concen: 0.001 ppbv

RT: 24.236 min Scan# 6728

Delta R.T. -0.151 min

Lab File: VL041256.D

Acq: 9 May 2024 13:23

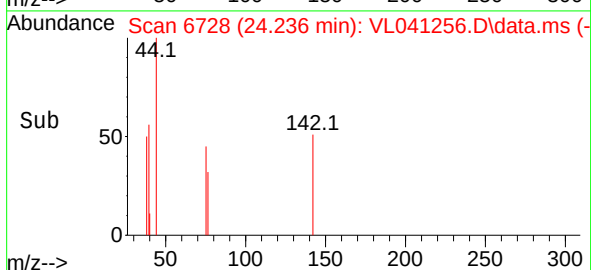
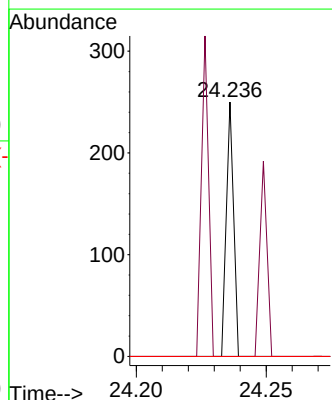
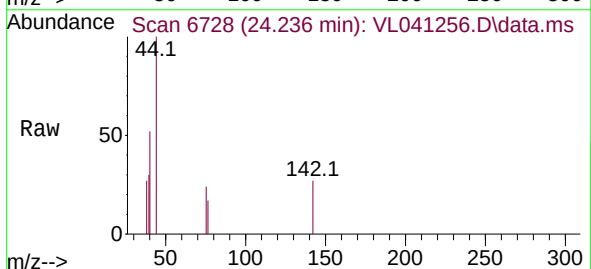
Tgt Ion:142 Resp: 48

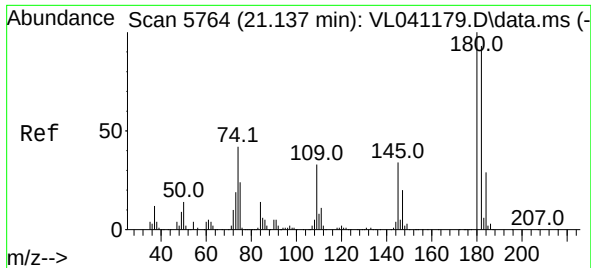
Ion Ratio Lower Upper

142 100

141 127.1 67.9 101.9#

115 0.0 31.4 47.0#





#81

1,2,4-Trichlorobenzene

Concen: 0.011 ppbv

RT: 21.172 min Scan# 5

Delta R.T. 0.019 min

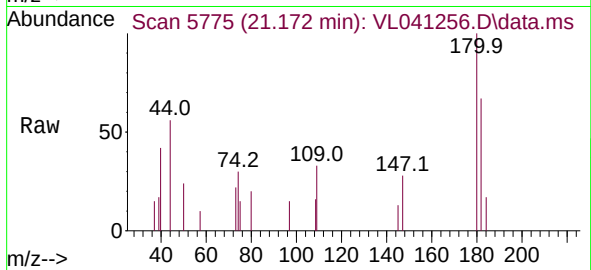
Lab File: VL041256.D

Acq: 9 May 2024 13:23

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:180 Resp: 1216

Ion Ratio Lower Upper

180 100

182 204.0 77.2 115.8#

184 54.3 24.6 36.8#

