

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL042924\
 Data File : VL041183.D
 Acq On : 29 Apr 2024 14:07
 Operator : SY/MD
 Sample : VSTDICC0.1
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Apr 30 05:08:54 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 : Tue Apr 30 05:04:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.189	49	1020722	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.648	114	2608461	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.462	117	2375514	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.770	95	1821843	10.154	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.500%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.726	85	14705	0.104	ppbv	98
3) Chlorodifluoromethane	2.986	51	1703	0.011	ppbv	99
4) Chloromethane	2.809	50	5954	0.096	ppbv #	86
5) Vinyl Chloride	2.915	62	5437	0.091	ppbv #	79
6) Bromomethane	3.115	94	1435	0.064	ppbv	97
7) Chloroethane	3.192	64	1629	0.075	ppbv	98
8) Dichlorotetrafluoroethane	2.854	85	6733	0.047	ppbv #	13
9) Propene	2.690	41	9707	0.160	ppbv	90
10) Heptane	7.577	43	7932	0.055	ppbv #	29
11) Trichlorofluoromethane	3.558	101	13496	0.096	ppbv	88
12) 1,1,2-Trichlorotrifluo...	4.060	101	6230	0.060	ppbv #	63
13) Ethanol	3.243	45	345	0.026	ppbv #	38
14) Bromoethene	3.362	108	3290	0.075	ppbv #	56
15) Acetone	3.462	43	535	0.004	ppbv #	48
16) 1,3-Butadiene	2.983	39	4220	0.070	ppbv #	48
17) tert-Butyl alcohol	3.880	59	573	0.004	ppbv #	72
18) 1,1-Dichloroethene	3.877	96	4668	0.097	ppbv #	91
19) Isopropyl Alcohol	3.568	45	157	0.002	ppbv #	41
20) Methylene Chloride	3.925	84	10076	0.238	ppbv #	72
21) Allyl Chloride	3.989	41	7588	0.096	ppbv #	66
22) trans-1,2-Dichloroethene	4.446	96	2914	0.061	ppbv #	75
23) Vinyl Acetate	4.616	43	1316	0.010	ppbv #	1
24) 1,1-Dichloroethane	4.562	63	7792	0.075	ppbv #	94
25) Ethyl Acetate	5.211	43	11699	0.049	ppbv #	75
26) Hexane	5.208	57	6637	0.063	ppbv #	1
27) Carbon Disulfide	4.124	76	11843	0.094	ppbv #	20
28) Methyl tert-Butyl Ether	4.584	73	1559	0.018	ppbv #	52
29) Chloroform	5.269	83	14378	0.097	ppbv	95
30) Cyclohexane	6.597	84	5338	0.062	ppbv #	26
31) cis-1,2-Dichloroethene	5.108	61	439	0.004	ppbv	88
32) 1,1,1-Trichloroethane	6.002	97	6325	0.043	ppbv #	1
34) 2-Butanone	4.783	43	854	0.007	ppbv #	54
35) Carbon Tetrachloride	6.491	117	6248	0.042	ppbv	91
36) Benzene	6.369	78	11739	0.053	ppbv	96
37) 1,2-Dichloroethane	5.803	62	6889	0.060	ppbv	98
38) Trichloroethene	7.288	130	5495	0.066	ppbv #	79
39) 1,2-Dichloropropane	6.648	63	682842	8.055	ppbv #	24
40) 1,4-Dioxane	7.278	88	49	0.002	ppbv #	1
41) Tetrahydrofuran	5.549	42	163	0.002	ppbv #	38
42) Bromodichloromethane	7.240	83	6157	0.037	ppbv #	82
43) Methyl Methacrylate	7.471	69	1587	0.018	ppbv #	1
44) 2,2,4-Trimethylpentane	7.314	57	10460	0.028	ppbv #	40
45) t-1,3-Dichloropropene	8.729	75	929	0.014	ppbv	90

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL042924\
 Data File : VL041183.D
 Acq On : 29 Apr 2024 14:07
 Operator : SY/MD
 Sample : VSTDICC0.1
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

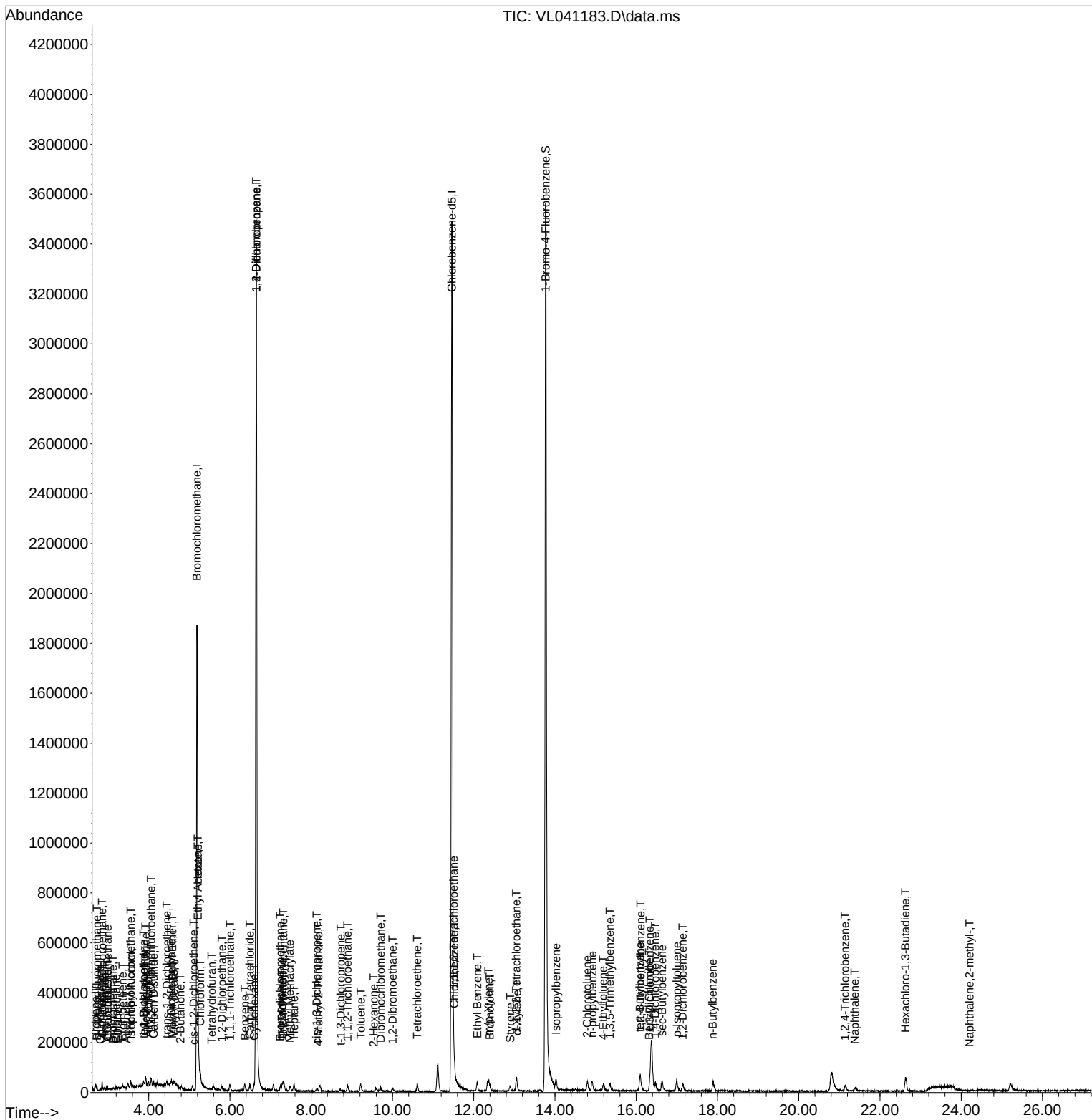
Instrument :
 MSVOA_L
 ClientSampleId :

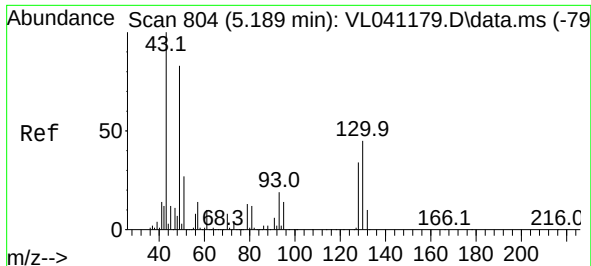
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 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Apr 30 05:04:57 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.134	75	1881	0.024	ppbv #	75
47) 1,1,2-Trichloroethane	8.893	97	2462	0.029	ppbv #	52
48) Dibromochloromethane	9.712	129	4025	0.029	ppbv #	1
49) Bromoform	12.394	173	4405	0.038	ppbv #	27
50) 4-Methyl-2-Pentanone	8.179	43	581	0.002	ppbv #	40
51) 2-Hexanone	9.542	43	614	0.004	ppbv #	29
52) Tetrachloroethene	10.613	164	5146	0.067	ppbv #	80
53) Toluene	9.220	91	22863	0.089	ppbv	99
54) 1,2-Dibromoethane	10.002	107	5075	0.044	ppbv	83
56) 1,1,1,2-Tetrachloroethane	11.507	131	2211	0.022	ppbv #	9
57) Chlorobenzene	11.519	112	9197	0.053	ppbv #	42
58) Ethyl Benzene	12.089	91	13404	0.041	ppbv	98
59) m/p-Xylene	12.368	91	22626	0.082	ppbv #	17
60) o-Xylene	13.063	91	5517	0.021	ppbv #	1
61) Styrene	12.902	104	4704	0.035	ppbv #	1
62) Isopropylbenzene	14.027	105	32741	0.085	ppbv #	89
63) 1,1,2,2-Tetrachloroethane	13.050	83	8116	0.046	ppbv #	18
64) n-propylbenzene	14.921	120	4709	0.049	ppbv #	1
65) tert-Butylbenzene	16.092	119	9924	0.029	ppbv #	1
66) Benzyl Chloride	16.320	91	320	0.008	ppbv #	1
67) sec-Butylbenzene	16.638	105	33727	0.070	ppbv #	87
69) p-Isopropyltoluene	17.002	119	31297	0.078	ppbv #	71
70) n-Butylbenzene	17.883	91	11754	0.028	ppbv #	33
71) 2-Chlorotoluene	14.793	91	3230	0.011	ppbv #	1
72) 4-Ethyltoluene	15.188	105	7471	0.025	ppbv #	54
73) 1,3,5-Trimethylbenzene	15.349	105	12444	0.047	ppbv	86
74) 1,2,4-Trimethylbenzene	16.104	105	11487	0.040	ppbv #	55
75) 1,3-Dichlorobenzene	16.333	146	3725	0.023	ppbv #	1
76) 1,4-Dichlorobenzene	16.468	146	5606	0.035	ppbv #	1
77) 1,2-Dichlorobenzene	17.143	146	4960	0.030	ppbv #	1
78) Hexachloro-1,3-Butadiene	22.625	225	3898	0.027	ppbv #	18
79) Naphthalene	21.378	128	3635	0.013	ppbv #	78
80) Naphthalene,2-methyl-	24.201	142	117	0.001	ppbv	99
81) 1,2,4-Trichlorobenzene	21.140	180	4003	0.027	ppbv #	12

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

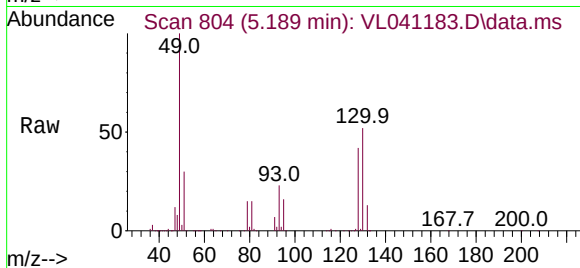
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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSV0A_LFri Aug 26 06:05:16 2022
QLast Update : Tue Apr 30 05:04:57 2024
Response via : Initial Calibration





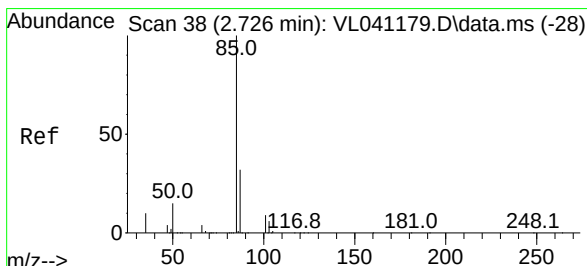
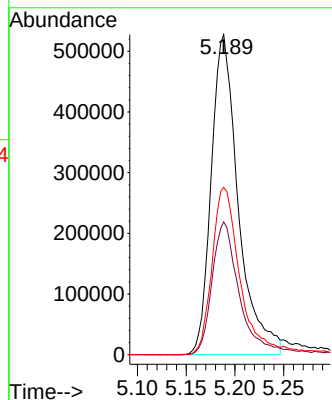
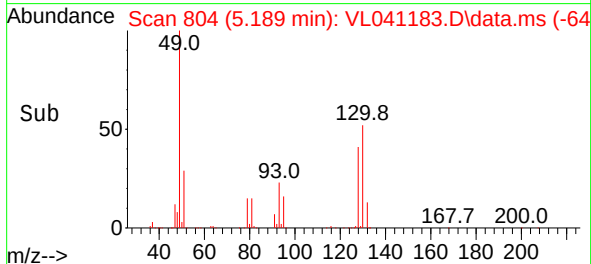
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.189 min Scan# 804
Delta R.T. -0.000 min
Lab File: VL041183.D
Acq: 29 Apr 2024 14:07

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion: 49 Resp: 1020722

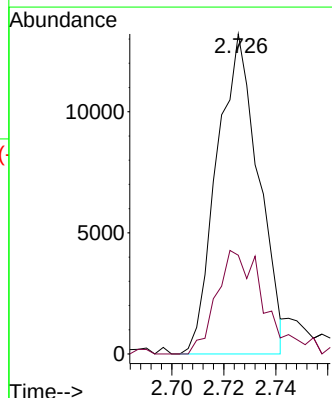
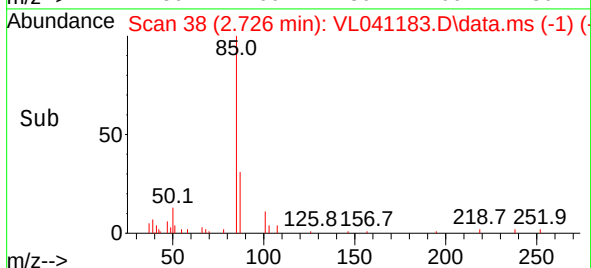
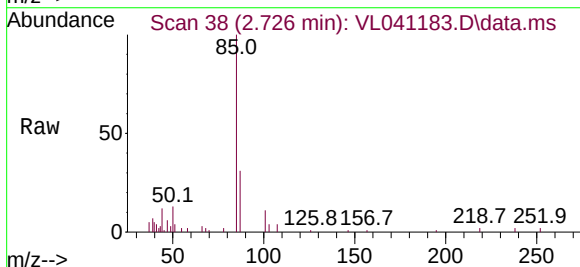
Ion	Ratio	Lower	Upper
49	100		
128	43.4	21.5	64.5
130	56.7	27.2	81.6

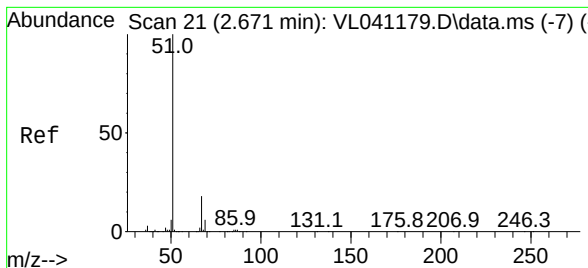


#2
Dichlorodifluoromethane
Concen: 0.104 ppbv
RT: 2.726 min Scan# 38
Delta R.T. -0.000 min
Lab File: VL041183.D
Acq: 29 Apr 2024 14:07

Tgt Ion: 85 Resp: 14705

Ion	Ratio	Lower	Upper
85	100		
87	30.9	25.7	38.5





#3

Chlorodifluoromethane

Concen: 0.011 ppbv

RT: 2.986 min Scan# 119

Delta R.T. 0.315 min

Lab File: VL041183.D

Acq: 29 Apr 2024 14:07

Instrument :

MSVOA_L

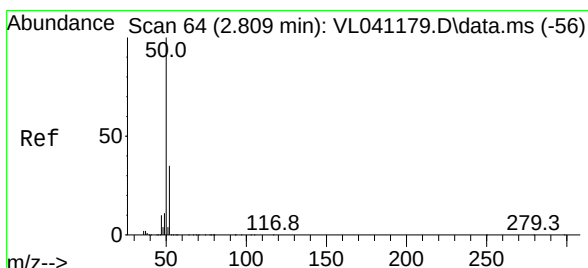
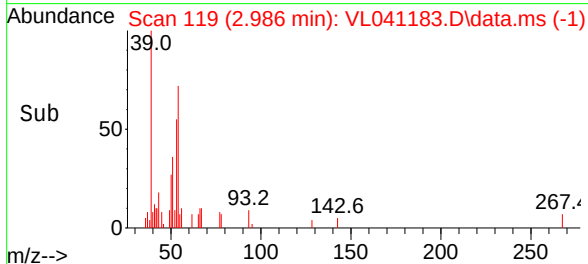
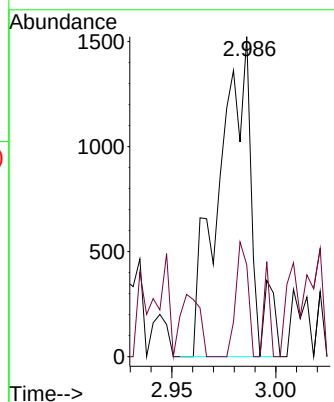
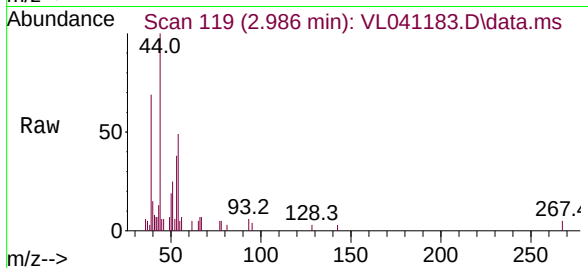
ClientSampleId :

Tgt Ion: 51 Resp: 1703

Ion Ratio Lower Upper

51 100

67 18.1 14.0 21.0



#4

Chloromethane

Concen: 0.096 ppbv

RT: 2.809 min Scan# 64

Delta R.T. -0.000 min

Lab File: VL041183.D

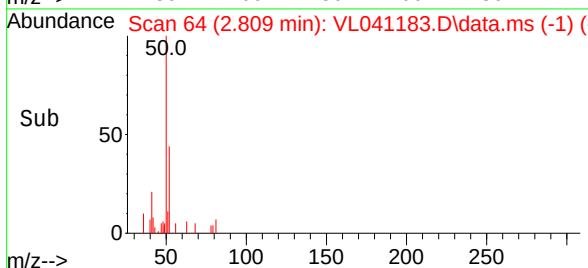
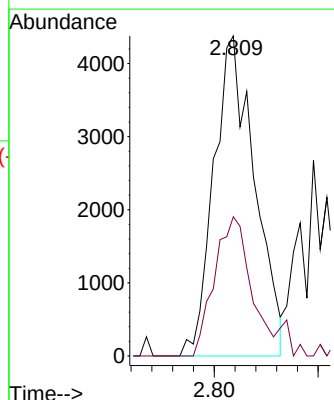
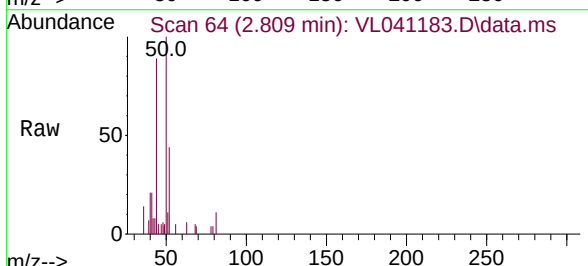
Acq: 29 Apr 2024 14:07

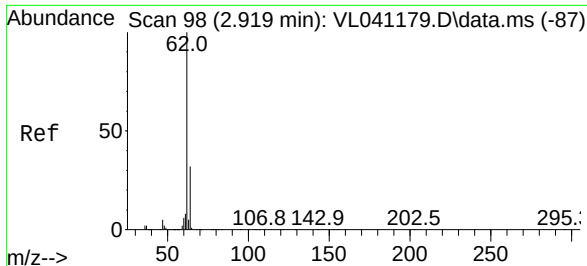
Tgt Ion: 50 Resp: 5954

Ion Ratio Lower Upper

50 100

52 43.5 28.3 42.5#

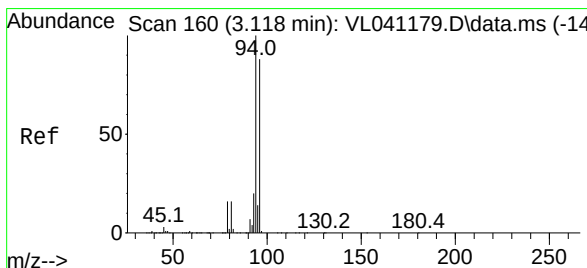
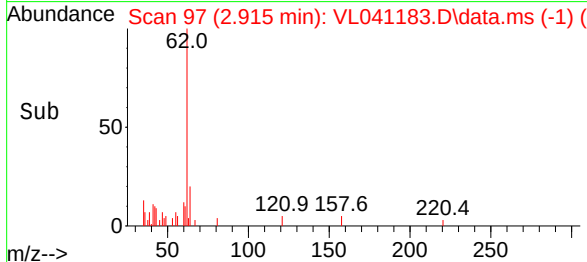
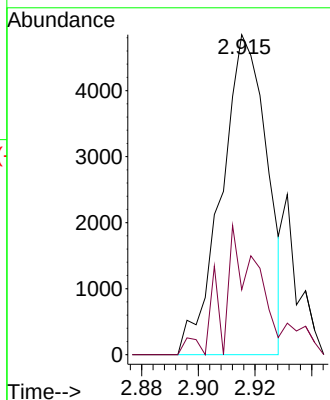
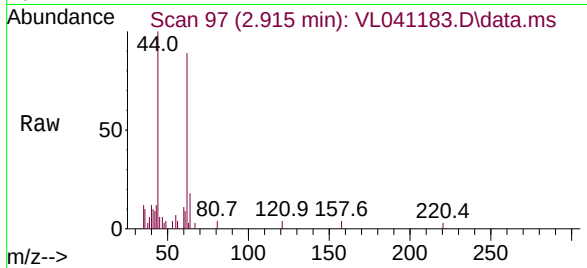




#5
 Vinyl Chloride
 Concen: 0.091 ppbv
 RT: 2.915 min Scan# 91
 Delta R.T. -0.003 min
 Lab File: VL041183.D
 Acq: 29 Apr 2024 14:07

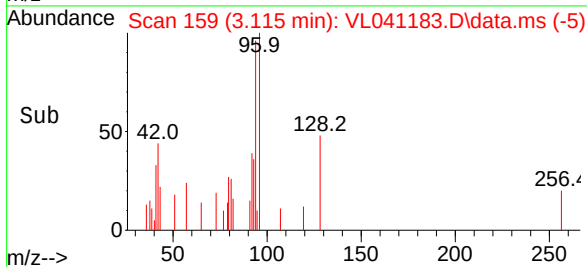
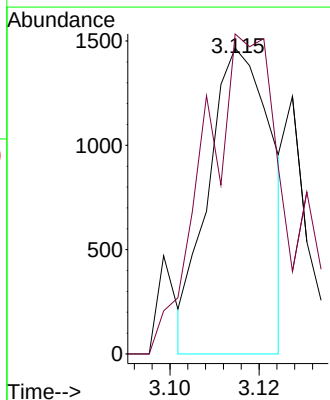
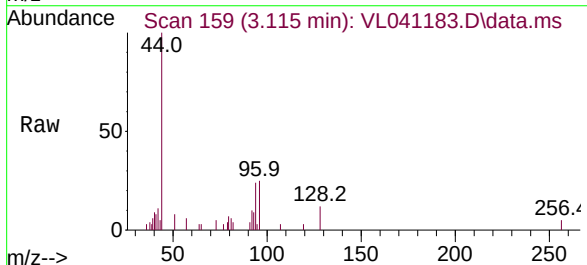
Instrument :
 MSVOA_L
 ClientSampleId :

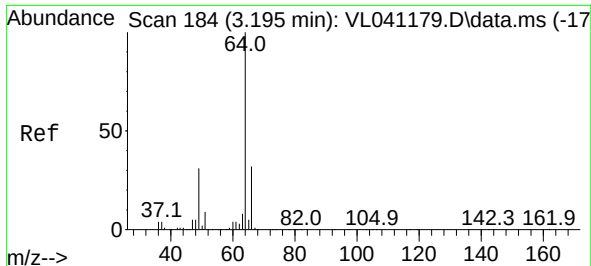
Tgt Ion: 62 Resp: 5437
 Ion Ratio Lower Upper
 62 100
 64 20.3 25.7 38.5#



#6
 Bromomethane
 Concen: 0.064 ppbv
 RT: 3.115 min Scan# 159
 Delta R.T. -0.003 min
 Lab File: VL041183.D
 Acq: 29 Apr 2024 14:07

Tgt Ion: 94 Resp: 1435
 Ion Ratio Lower Upper
 94 100
 96 90.0 70.1 105.1

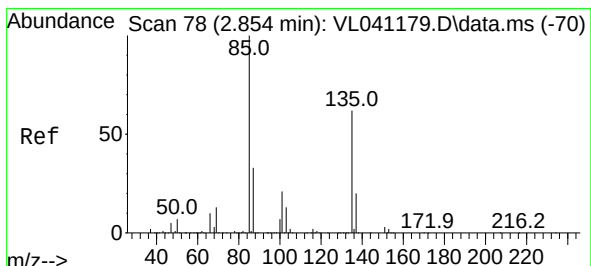
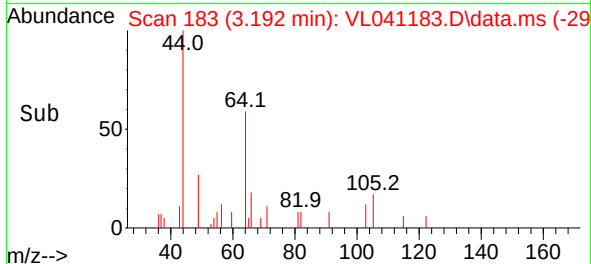
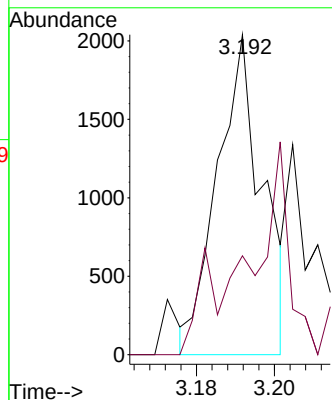
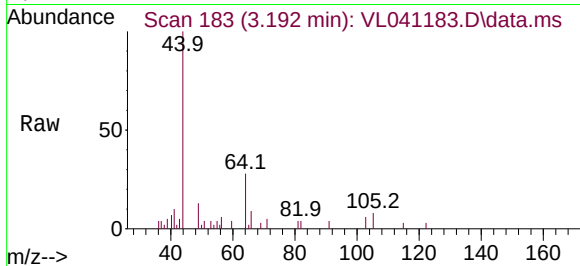




#7
Chloroethane
Concen: 0.075 ppbv
RT: 3.192 min Scan# 11
Delta R.T. -0.003 min
Lab File: VL041183.D
Acq: 29 Apr 2024 14:07

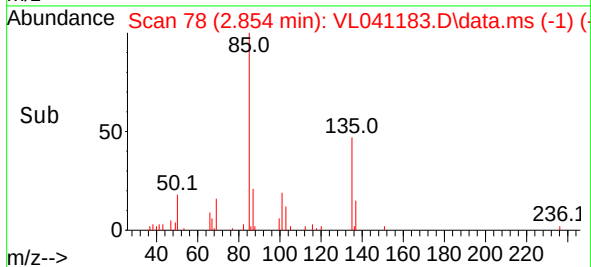
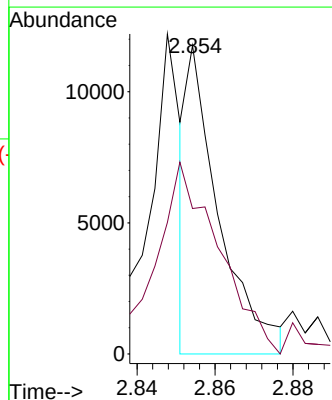
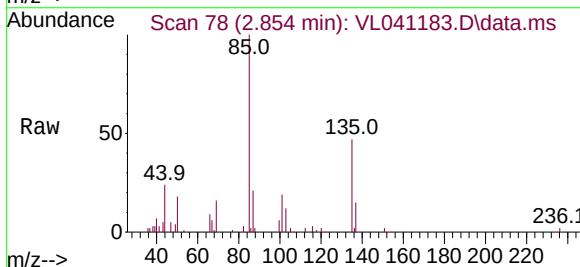
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ClientSampleId :

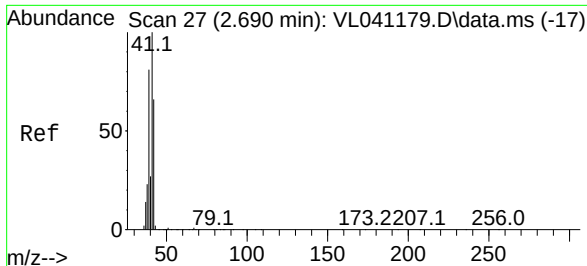
Tgt Ion: 64 Resp: 1629
Ion Ratio Lower Upper
64 100
66 30.9 25.4 38.2



#8
Dichlorotetrafluoroethane
Concen: 0.047 ppbv
RT: 2.854 min Scan# 78
Delta R.T. -0.000 min
Lab File: VL041183.D
Acq: 29 Apr 2024 14:07

Tgt Ion: 85 Resp: 6733
Ion Ratio Lower Upper
85 100
135 132.9 51.5 77.3#

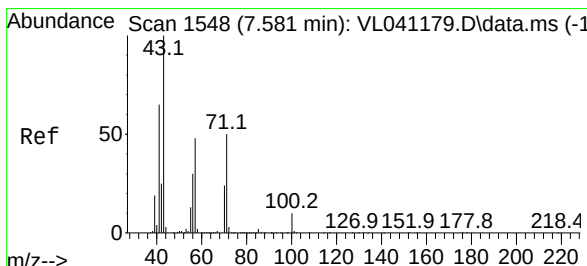
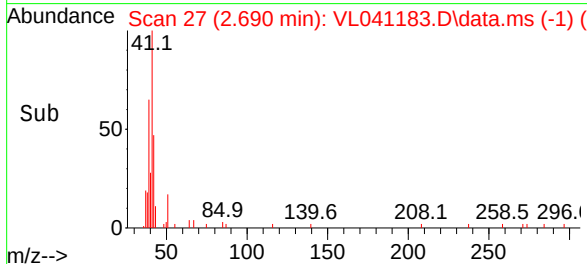
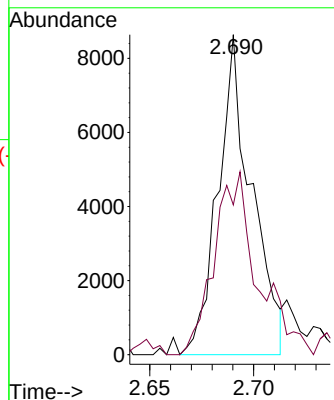
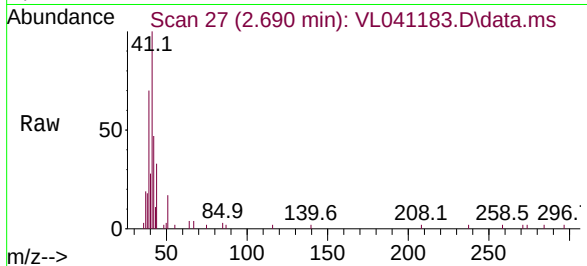




#9
 Propene
 Concen: 0.160 ppbv
 RT: 2.690 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VL041183.D
 Acq: 29 Apr 2024 14:07

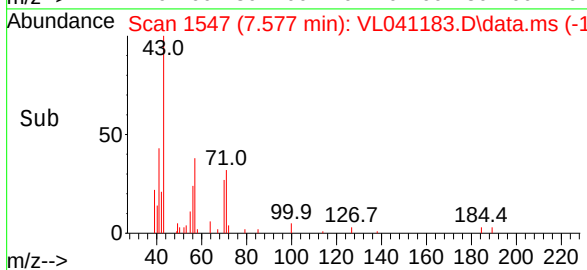
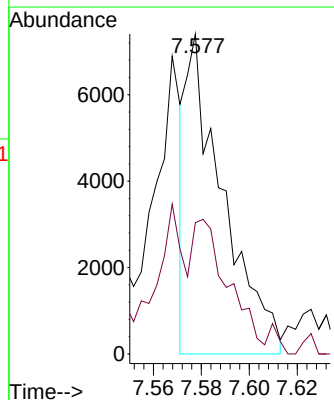
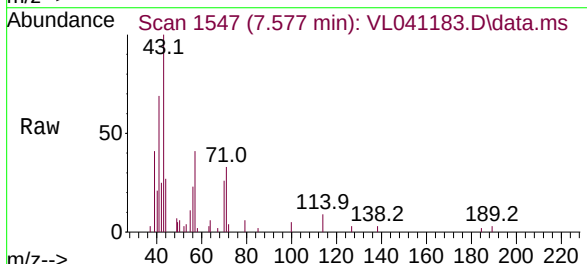
Instrument :
 MSVOA_L
 ClientSampleId :

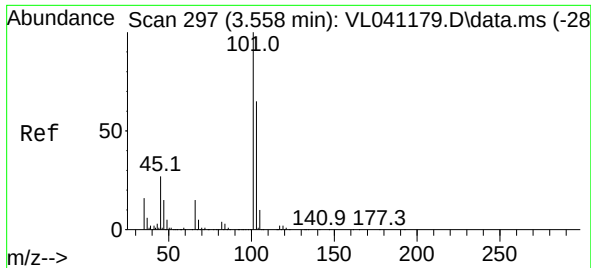
Tgt Ion: 41 Resp: 9707
 Ion Ratio Lower Upper
 41 100
 42 77.2 55.3 82.9



#10
 Heptane
 Concen: 0.055 ppbv
 RT: 7.577 min Scan# 1547
 Delta R.T. -0.003 min
 Lab File: VL041183.D
 Acq: 29 Apr 2024 14:07

Tgt Ion: 43 Resp: 7932
 Ion Ratio Lower Upper
 43 100
 57 0.0 38.7 58.1#

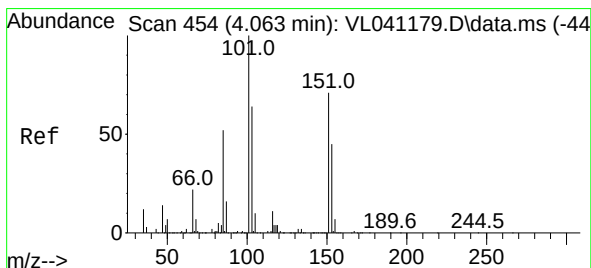
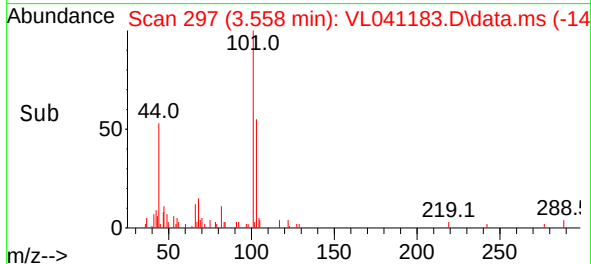
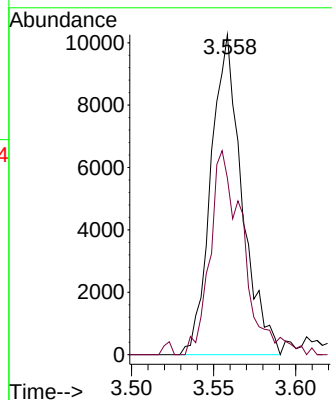
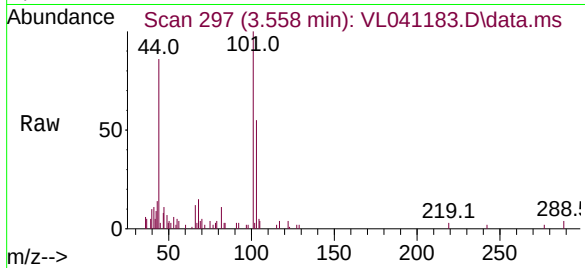




#11
 Trichlorofluoromethane
 Concen: 0.096 ppbv
 RT: 3.558 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VL041183.D
 Acq: 29 Apr 2024 14:07

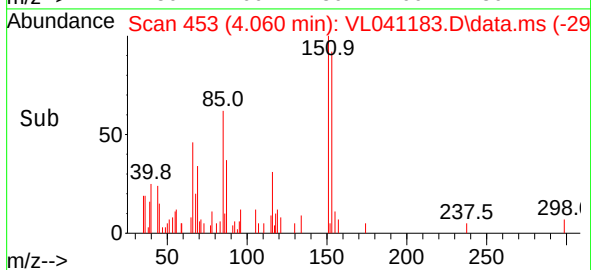
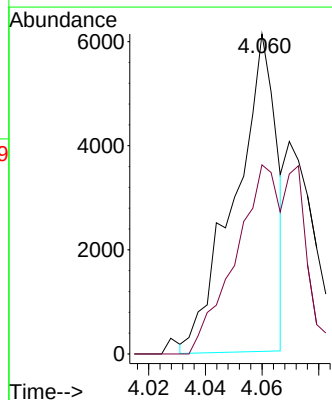
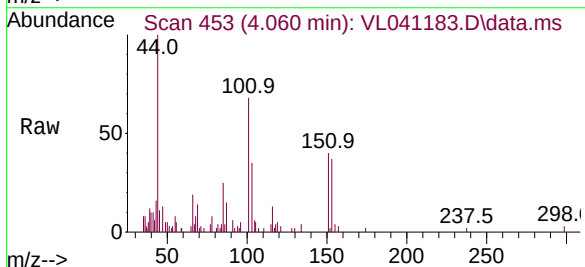
Instrument :
 MSVOA_L
 ClientSampleId :

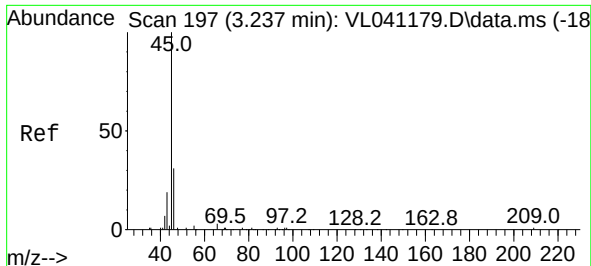
Tgt Ion:101 Resp: 13496
 Ion Ratio Lower Upper
 101 100
 103 55.2 51.6 77.4



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.060 ppbv
 RT: 4.060 min Scan# 453
 Delta R.T. -0.003 min
 Lab File: VL041183.D
 Acq: 29 Apr 2024 14:07

Tgt Ion:101 Resp: 6230
 Ion Ratio Lower Upper
 101 100
 151 101.8 56.8 85.2#





#13

Ethanol

Concen: 0.026 ppbv

RT: 3.243 min Scan# 199

Delta R.T. 0.006 min

Lab File: VL041183.D

Acq: 29 Apr 2024 14:07

Instrument :

MSVOA_L

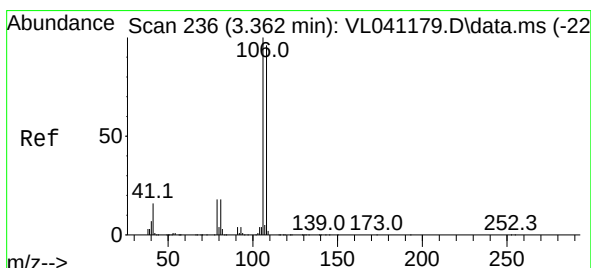
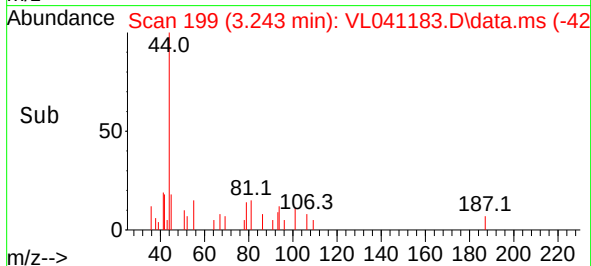
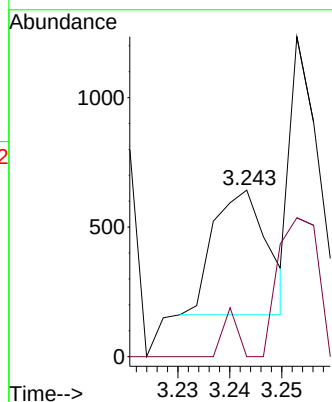
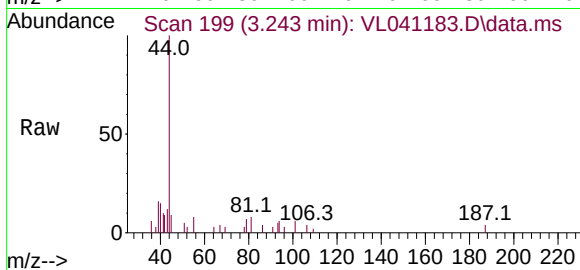
ClientSampleId :

Tgt Ion: 45 Resp: 345

Ion Ratio Lower Upper

45 100

46 0.0 14.8 59.0#



#14

Bromoethene

Concen: 0.075 ppbv

RT: 3.362 min Scan# 236

Delta R.T. -0.000 min

Lab File: VL041183.D

Acq: 29 Apr 2024 14:07

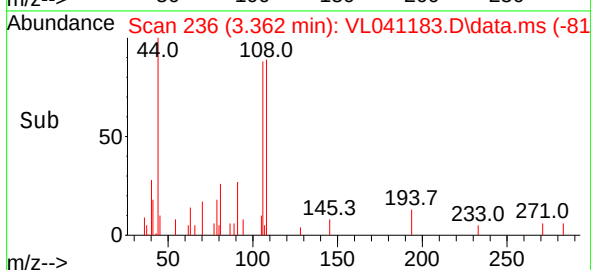
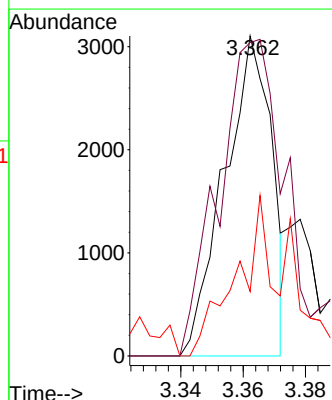
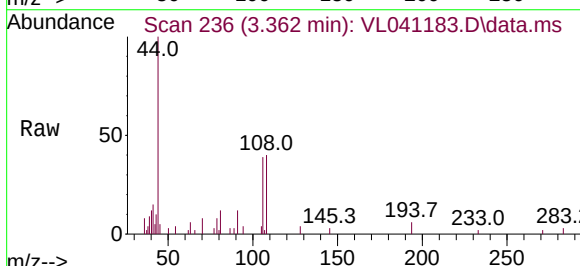
Tgt Ion: 108 Resp: 3290

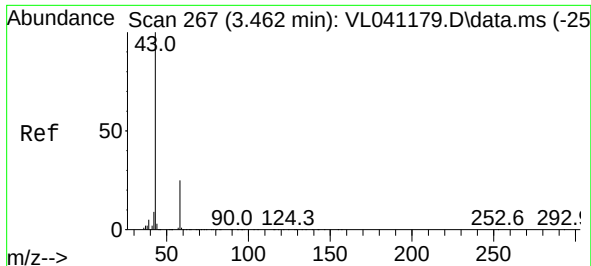
Ion Ratio Lower Upper

108 100

106 148.1 88.2 132.4#

79 61.0 17.4 26.0#





#15

Acetone

Concen: 0.004 ppbv

RT: 3.462 min Scan# 20

Delta R.T. -0.000 min

Lab File: VL041183.D

Acq: 29 Apr 2024 14:07

Instrument :

MSVOA_L

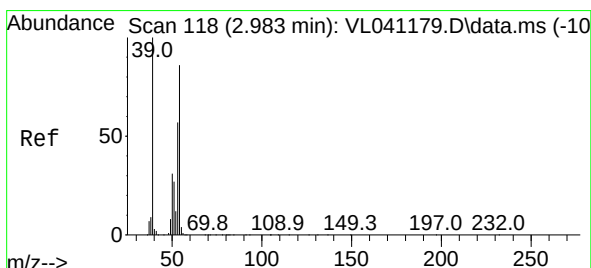
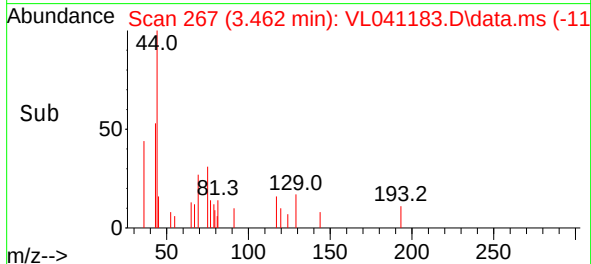
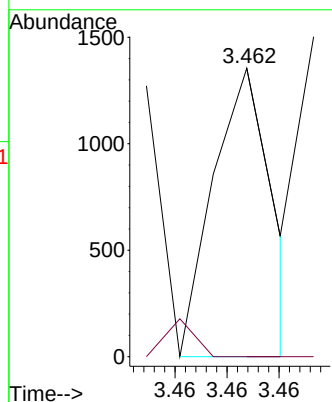
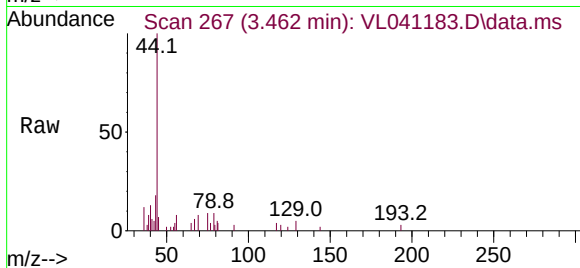
ClientSampleId :

Tgt Ion: 43 Resp: 535

Ion Ratio Lower Upper

43 100

58 0.0 21.4 32.0#



#16

1,3-Butadiene

Concen: 0.070 ppbv

RT: 2.983 min Scan# 118

Delta R.T. -0.000 min

Lab File: VL041183.D

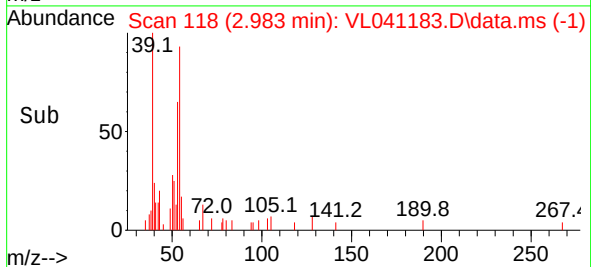
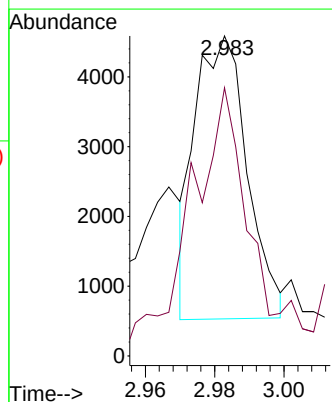
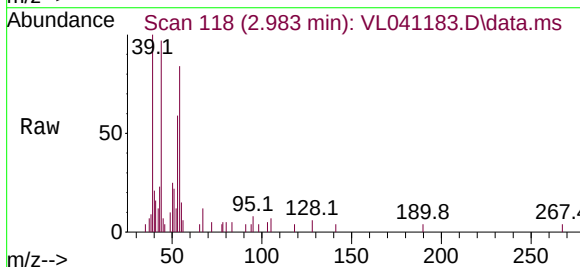
Acq: 29 Apr 2024 14:07

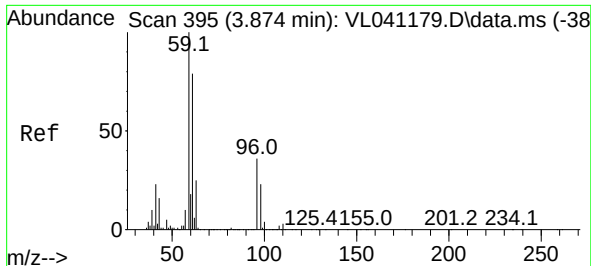
Tgt Ion: 39 Resp: 4220

Ion Ratio Lower Upper

39 100

54 123.3 62.2 93.4#





#17

tert-Butyl alcohol

Concen: 0.004 ppbv

RT: 3.880 min Scan# 397

Delta R.T. 0.006 min

Lab File: VL041183.D

Acq: 29 Apr 2024 14:07

Instrument :

MSVOA_L

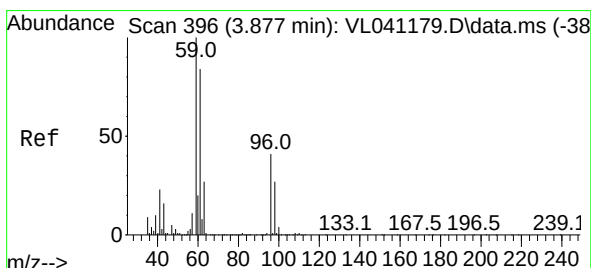
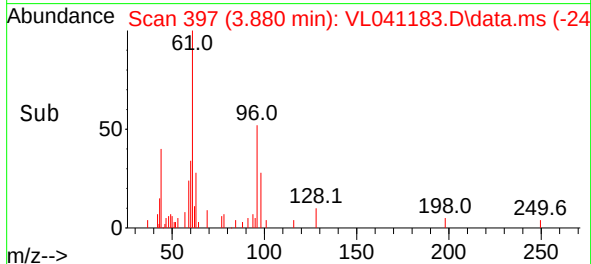
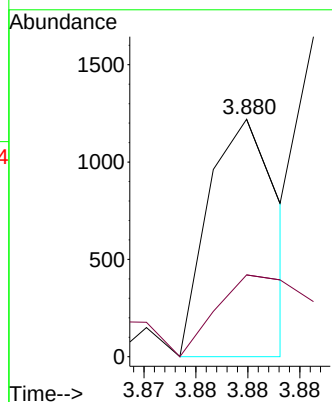
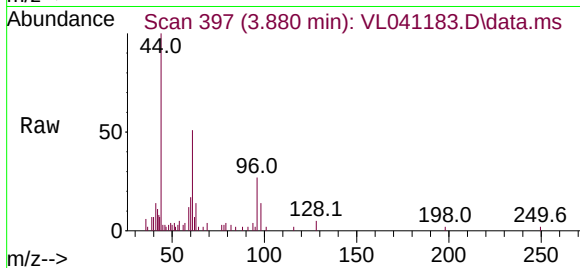
ClientSampleId :

Tgt Ion: 59 Resp: 573

Ion Ratio Lower Upper

59 100

57 0.0 8.4 12.6#



#18

1,1-Dichloroethene

Concen: 0.097 ppbv

RT: 3.877 min Scan# 396

Delta R.T. -0.000 min

Lab File: VL041183.D

Acq: 29 Apr 2024 14:07

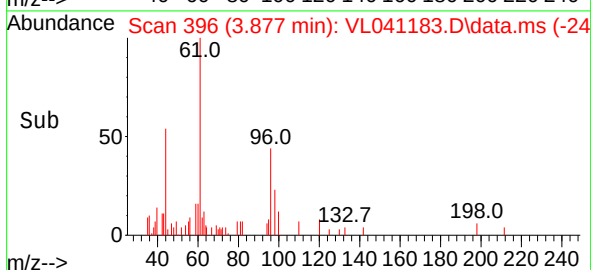
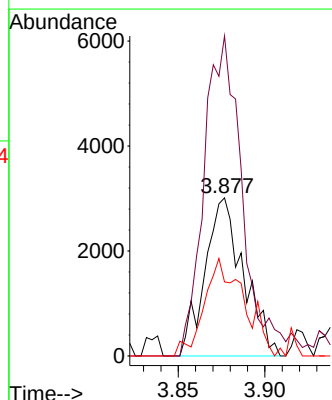
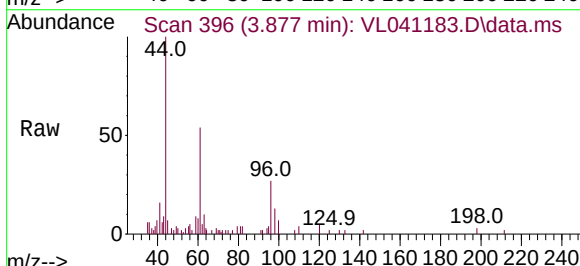
Tgt Ion: 96 Resp: 4668

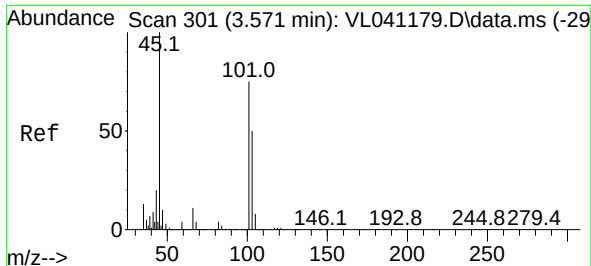
Ion Ratio Lower Upper

96 100

61 202.4 164.4 246.6

98 41.9 51.8 77.8#





#19

Isopropyl Alcohol

Concen: 0.002 ppbv

RT: 3.568 min Scan# 301

Delta R.T. -0.003 min

Lab File: VL041183.D

Acq: 29 Apr 2024 14:07

Instrument :

MSVOA_L

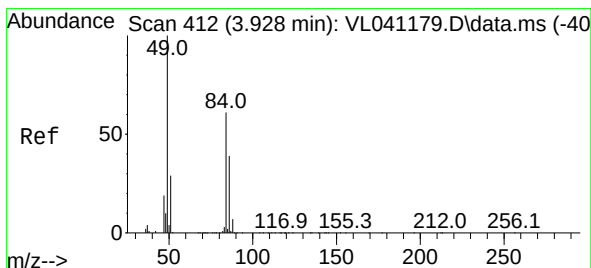
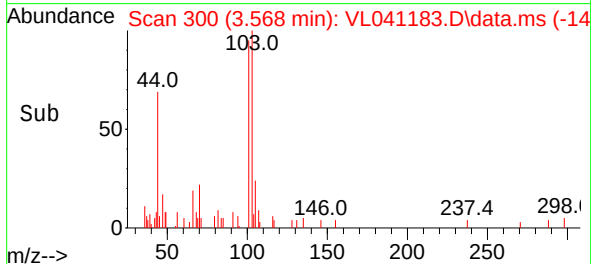
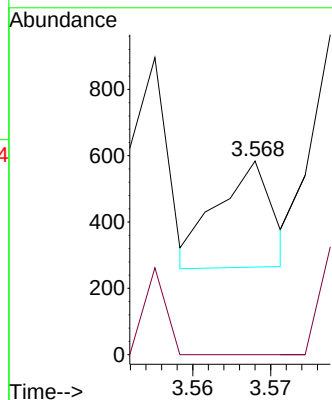
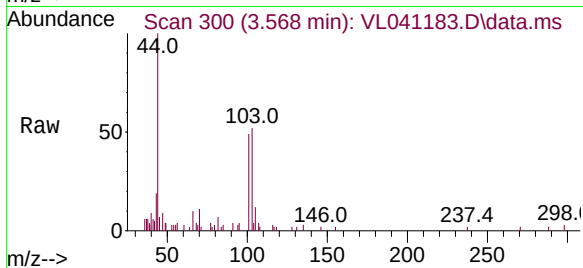
ClientSampleId :

Tgt Ion: 45 Resp: 157

Ion Ratio Lower Upper

45 100

58 0.0 26.8 40.2#



#20

Methylene Chloride

Concen: 0.238 ppbv

RT: 3.925 min Scan# 411

Delta R.T. -0.003 min

Lab File: VL041183.D

Acq: 29 Apr 2024 14:07

Tgt Ion: 84 Resp: 10076

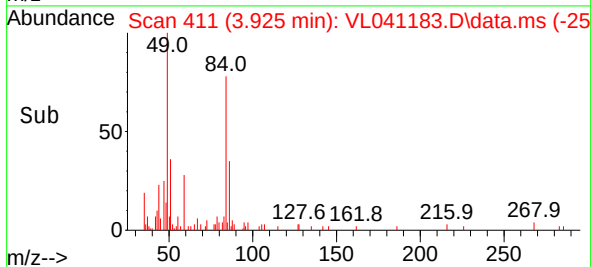
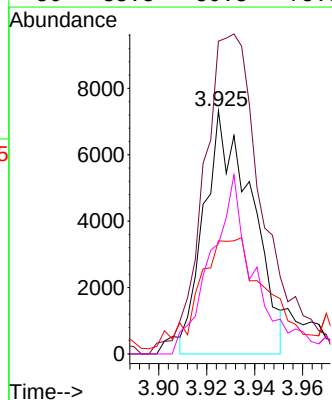
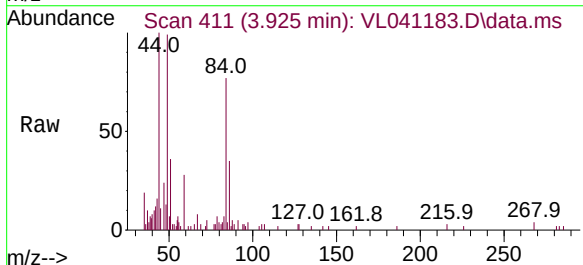
Ion Ratio Lower Upper

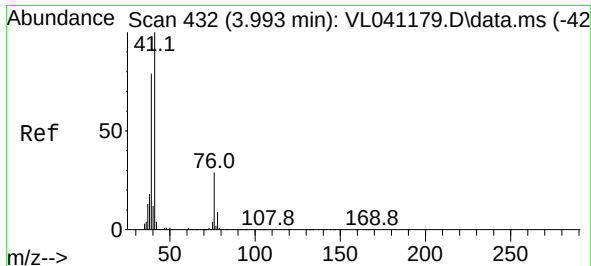
84 100

49 123.6 130.4 195.6#

51 36.2 38.0 57.0#

86 38.8 50.3 75.5#





#21

Allyl Chloride

Concen: 0.096 ppbv

RT: 3.989 min Scan# 41

Delta R.T. -0.003 min

Lab File: VL041183.D

Acq: 29 Apr 2024 14:07

Instrument :

MSVOA_L

ClientSampleId :

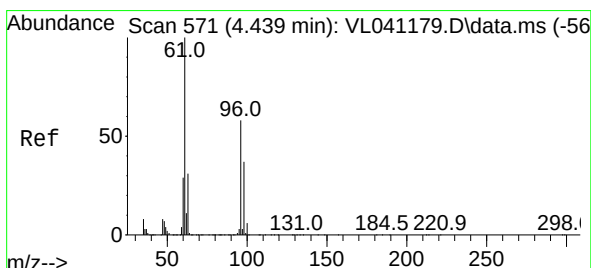
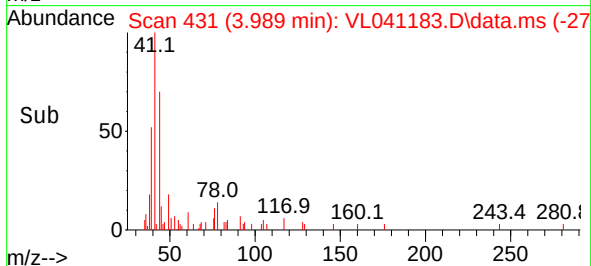
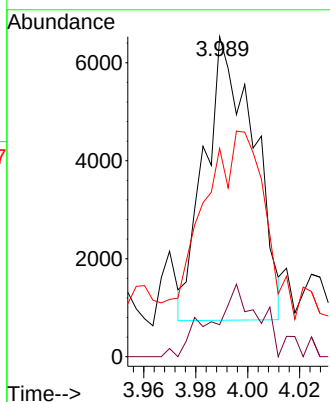
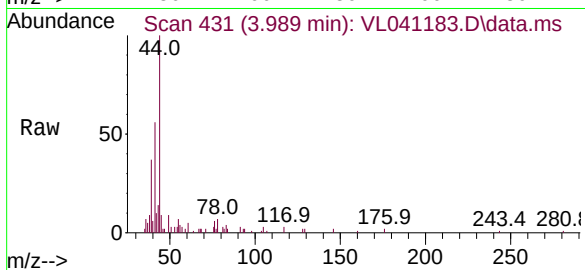
Tgt Ion: 41 Resp: 7588

Ion Ratio Lower Upper

41 100

76 25.9 23.7 35.5

39 120.4 64.7 97.1#



#22

trans-1,2-Dichloroethene

Concen: 0.061 ppbv

RT: 4.446 min Scan# 573

Delta R.T. 0.006 min

Lab File: VL041183.D

Acq: 29 Apr 2024 14:07

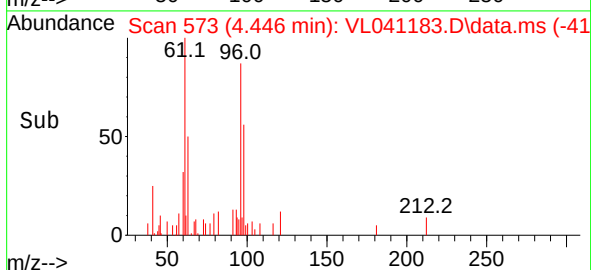
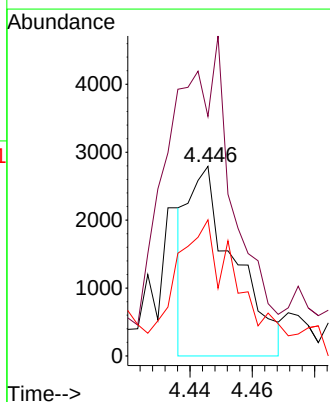
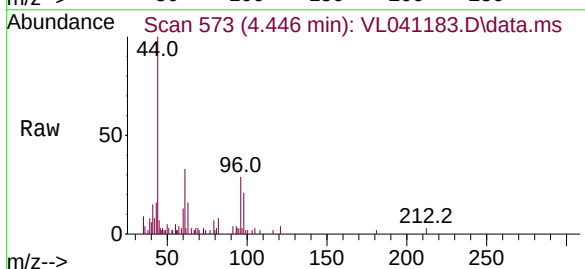
Tgt Ion: 96 Resp: 2914

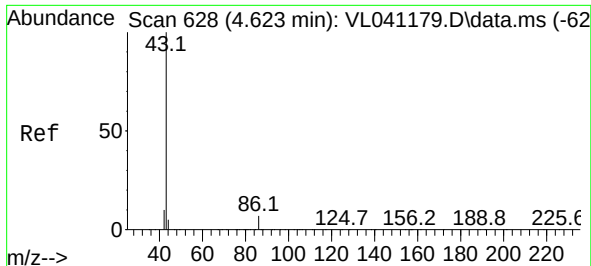
Ion Ratio Lower Upper

96 100

61 127.1 137.6 206.4#

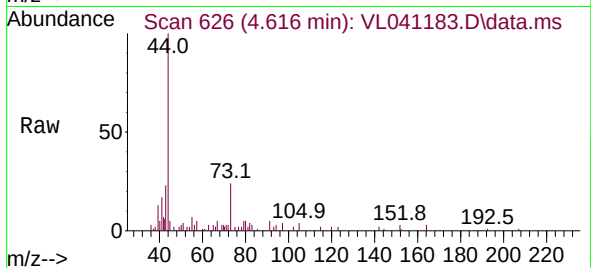
98 66.7 50.6 76.0



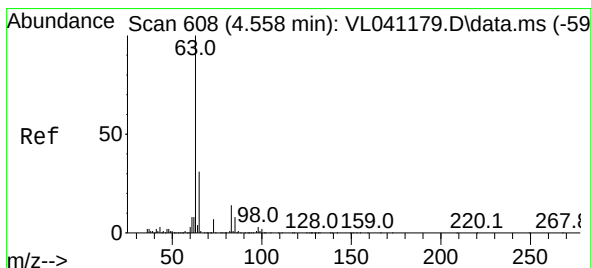
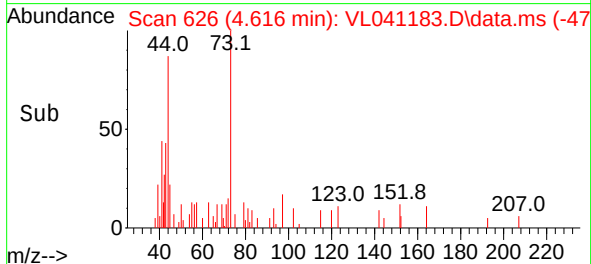
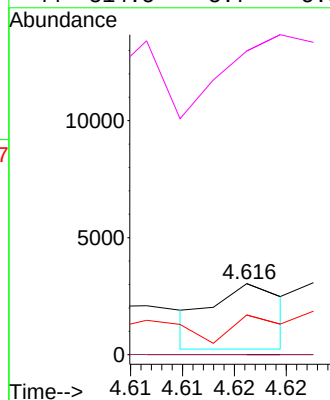


#23
Vinyl Acetate
Concen: 0.010 ppbv
RT: 4.616 min Scan# 61
Delta R.T. -0.007 min
Lab File: VL041183.D
Acq: 29 Apr 2024 14:07

Instrument :
MSVOA_L
ClientSampleId :

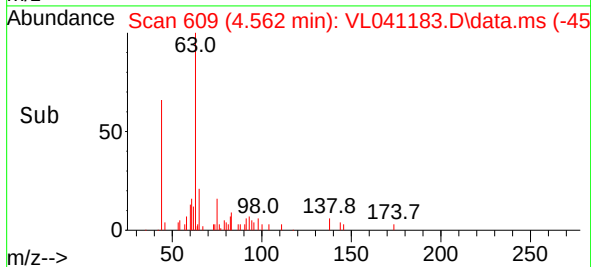
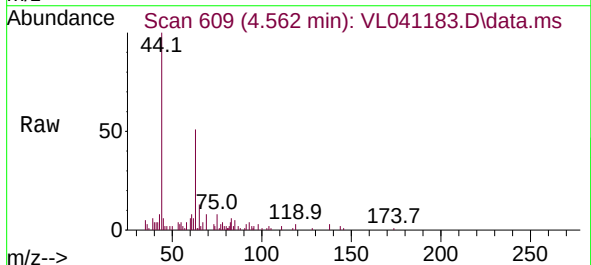
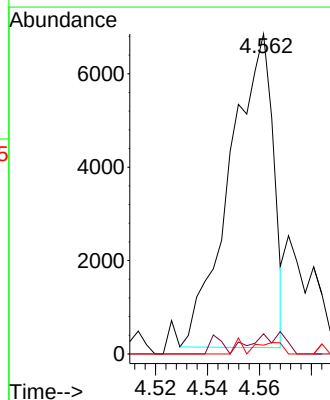


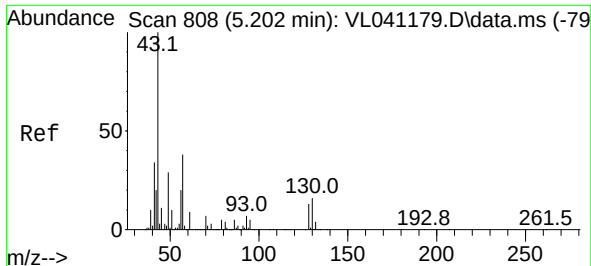
Tgt Ion:	43	Resp:	1316
Ion	Ratio	Lower	Upper
43	100		
86	0.0	4.9	7.3#
42	36.0	8.0	12.0#
44	314.5	3.7	5.5#



#24
1,1-Dichloroethane
Concen: 0.075 ppbv
RT: 4.562 min Scan# 609
Delta R.T. 0.003 min
Lab File: VL041183.D
Acq: 29 Apr 2024 14:07

Tgt Ion:	63	Resp:	7792
Ion	Ratio	Lower	Upper
63	100		
98	6.5	1.6	4.8#
100	2.8	1.1	3.5





#25

Ethyl Acetate

Concen: 0.049 ppbv

RT: 5.211 min Scan# 811

Delta R.T. 0.010 min

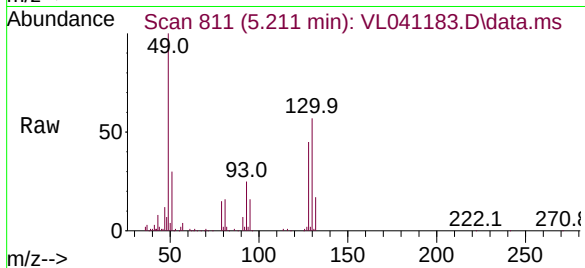
Lab File: VL041183.D

Acq: 29 Apr 2024 14:07

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion: 43 Resp: 11699

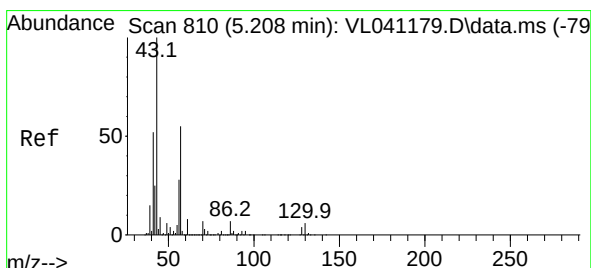
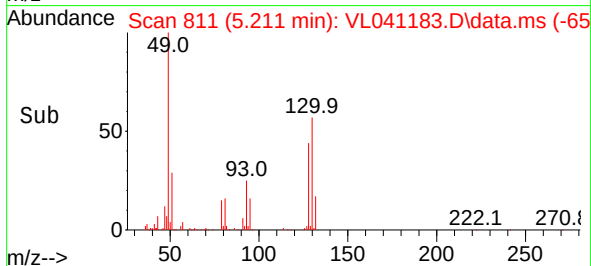
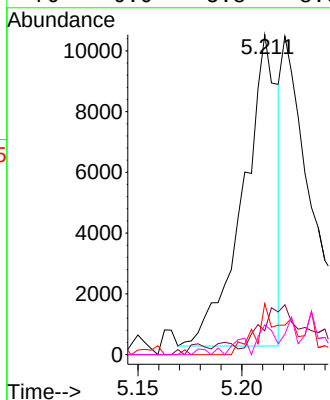
Ion Ratio Lower Upper

43 100

45 0.0 8.2 12.2#

61 18.6 7.7 11.5#

70 0.0 5.8 8.6#



#26

Hexane

Concen: 0.063 ppbv

RT: 5.208 min Scan# 810

Delta R.T. -0.000 min

Lab File: VL041183.D

Acq: 29 Apr 2024 14:07

Tgt Ion: 57 Resp: 6637

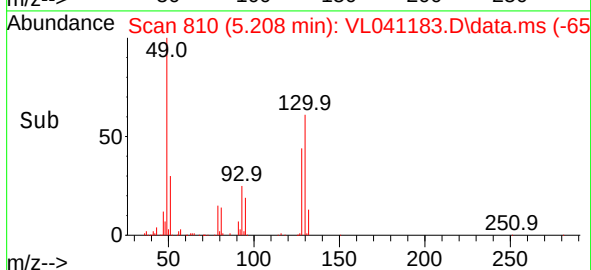
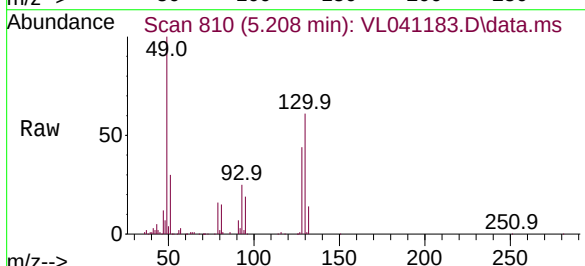
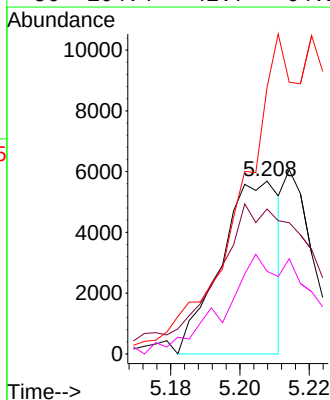
Ion Ratio Lower Upper

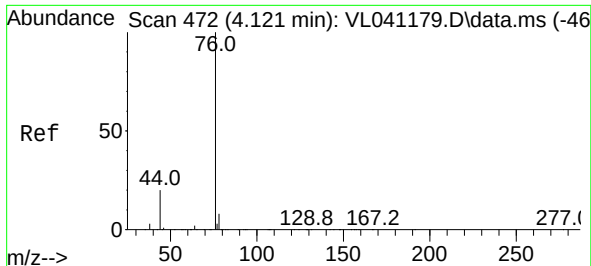
57 100

41 175.0 75.8 113.8#

43 0.0 187.0 280.4#

56 104.4 42.7 64.1#





#27

Carbon Disulfide

Concen: 0.094 ppbv

RT: 4.124 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL041183.D

Acq: 29 Apr 2024 14:07

Instrument :

MSVOA_L

ClientSampleId :

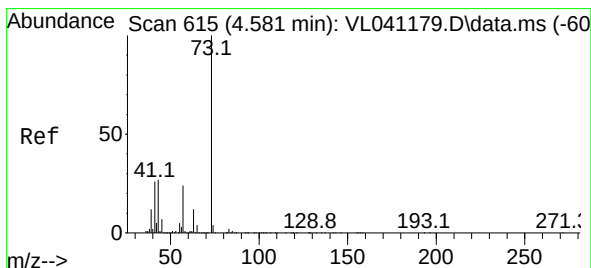
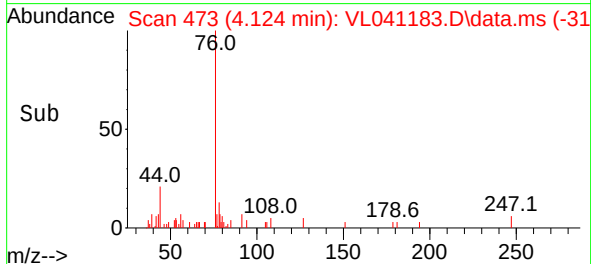
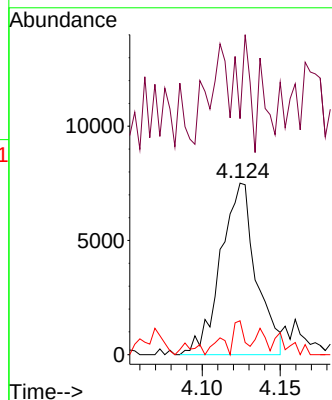
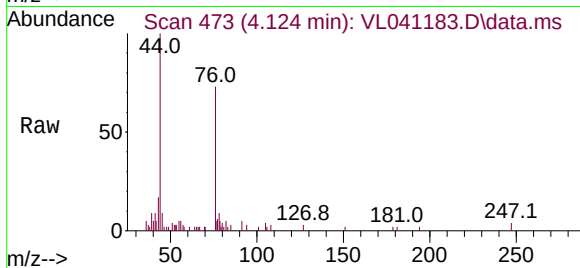
Tgt Ion: 76 Resp: 11843

Ion Ratio Lower Upper

76 100

44 67.7 16.3 24.5#

78 19.5 7.3 10.9#



#28

Methyl tert-Butyl Ether

Concen: 0.018 ppbv

RT: 4.584 min Scan# 616

Delta R.T. 0.003 min

Lab File: VL041183.D

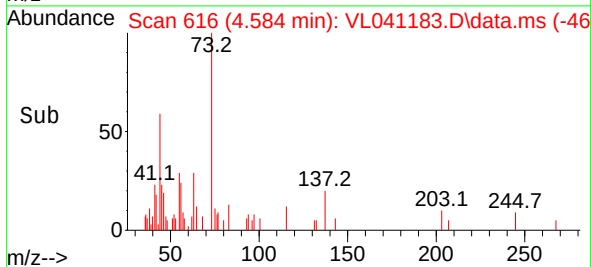
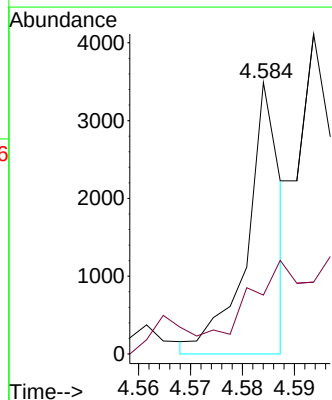
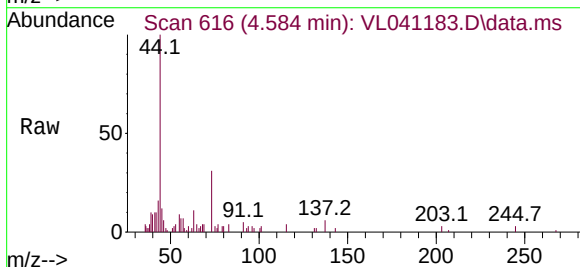
Acq: 29 Apr 2024 14:07

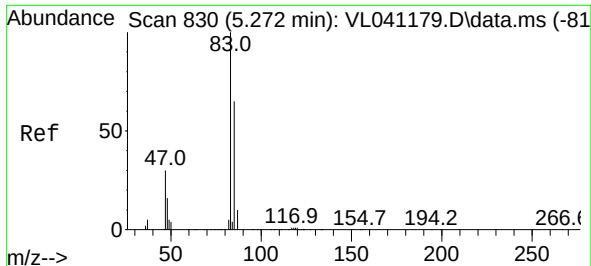
Tgt Ion: 73 Resp: 1559

Ion Ratio Lower Upper

73 100

57 0.0 18.8 28.2#





#29

Chloroform

Concen: 0.097 ppbv

RT: 5.269 min Scan# 81

Delta R.T. -0.003 min

Lab File: VL041183.D

Acq: 29 Apr 2024 14:07

Instrument :

MSVOA_L

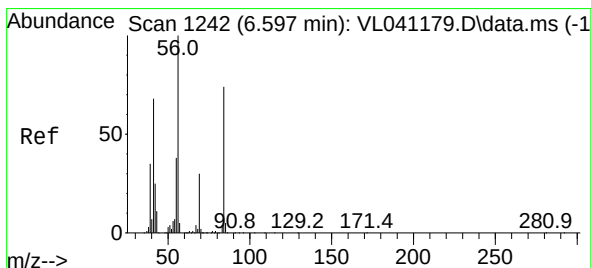
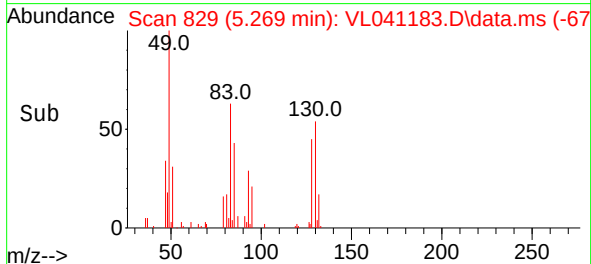
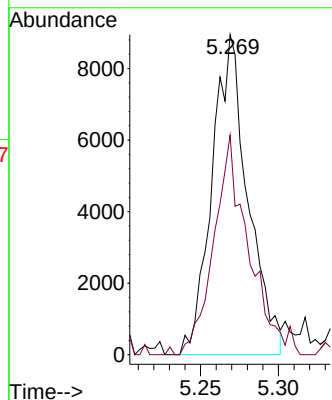
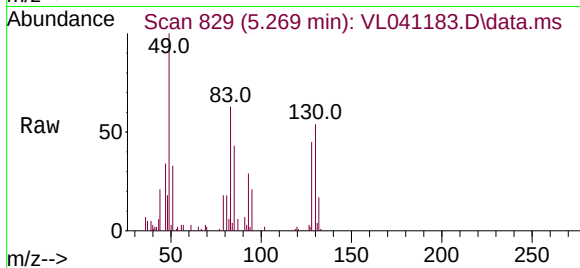
ClientSampleId :

Tgt Ion: 83 Resp: 14378

Ion Ratio Lower Upper

83 100

85 68.6 51.7 77.5



#30

Cyclohexane

Concen: 0.062 ppbv

RT: 6.597 min Scan# 1242

Delta R.T. -0.000 min

Lab File: VL041183.D

Acq: 29 Apr 2024 14:07

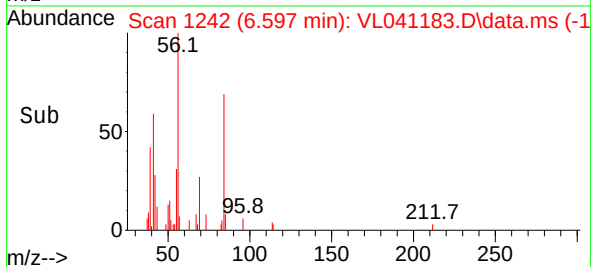
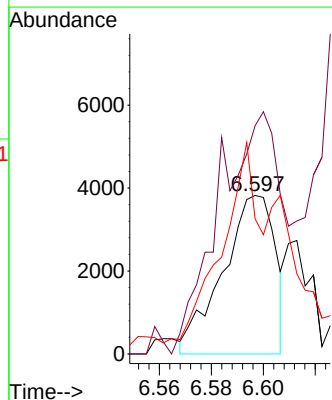
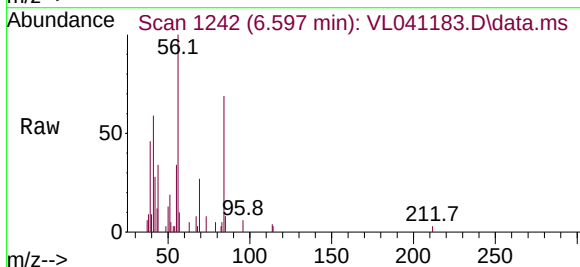
Tgt Ion: 84 Resp: 5338

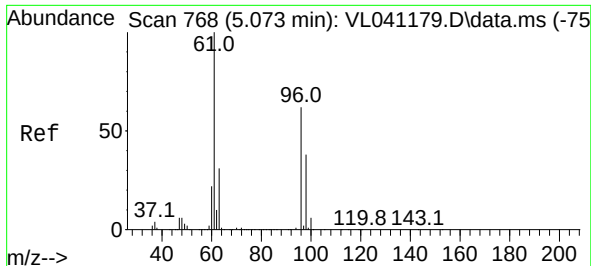
Ion Ratio Lower Upper

84 100

56 211.2 116.8 175.2#

41 196.6 73.8 110.8#





#31

cis-1,2-Dichloroethene

Concen: 0.004 ppbv

RT: 5.108 min Scan# 7

Delta R.T. 0.035 min

Lab File: VL041183.D

Acq: 29 Apr 2024 14:07

Instrument :

MSVOA_L

ClientSampleId :

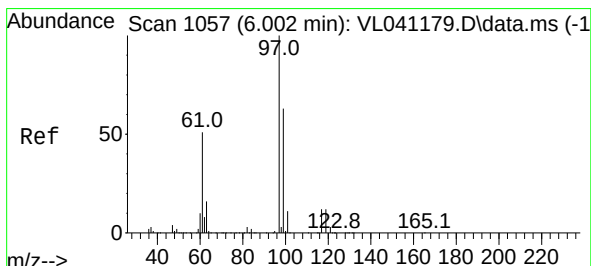
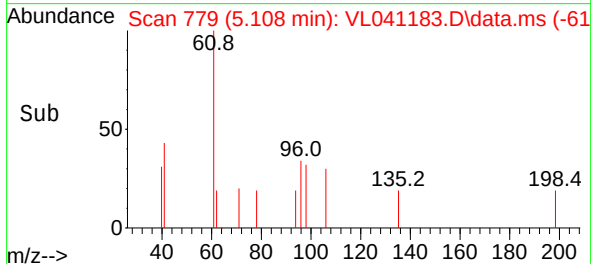
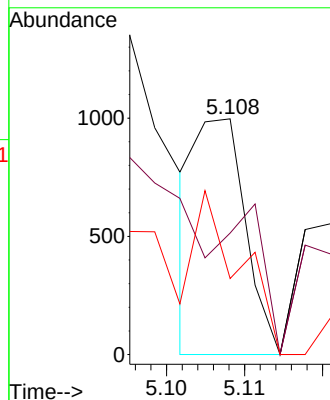
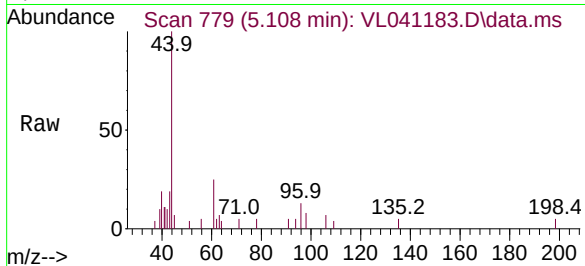
Tgt Ion: 61 Resp: 439

Ion Ratio Lower Upper

61 100

96 51.6 49.8 74.6

98 32.3 30.0 45.0



#32

1,1,1-Trichloroethane

Concen: 0.043 ppbv

RT: 6.002 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VL041183.D

Acq: 29 Apr 2024 14:07

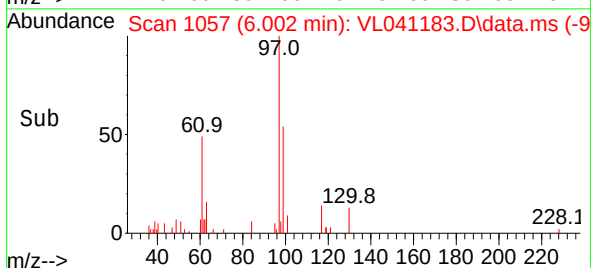
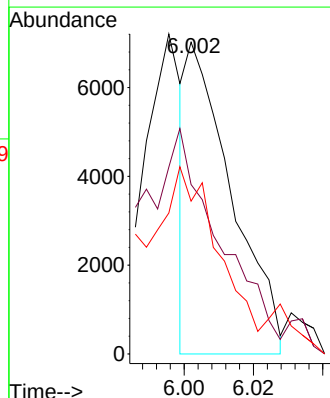
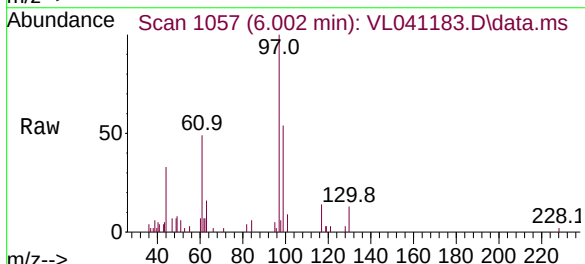
Tgt Ion: 97 Resp: 6325

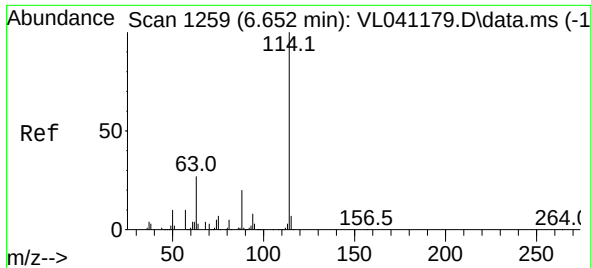
Ion Ratio Lower Upper

97 100

99 142.2 51.7 77.5#

61 122.4 41.1 61.7#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.648 min Scan# 11

Delta R.T. -0.003 min

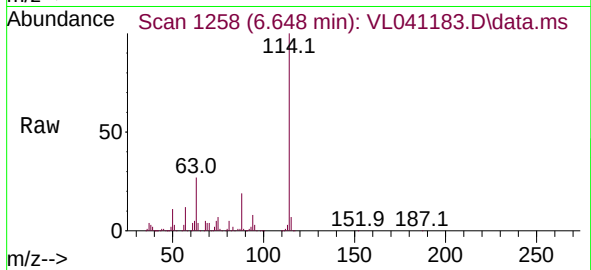
Lab File: VL041183.D

Acq: 29 Apr 2024 14:07

Instrument :

MSVOA_L

ClientSampleId :



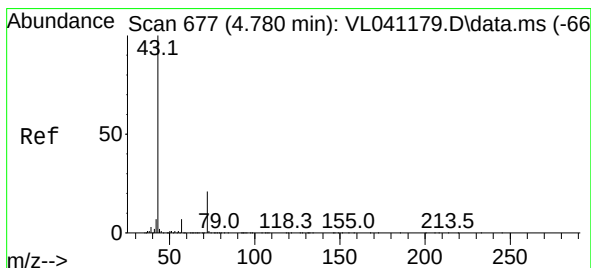
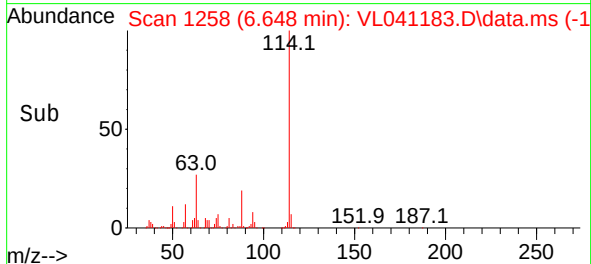
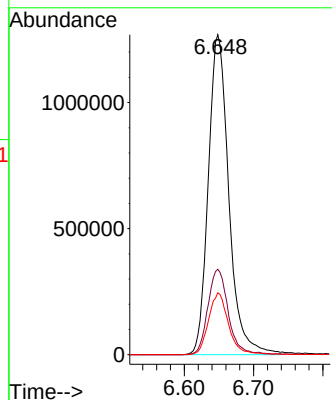
Tgt Ion:114 Resp: 2608461

Ion Ratio Lower Upper

114 100

63 26.8 21.8 32.6

88 18.9 15.2 22.8



#34

2-Butanone

Concen: 0.007 ppbv

RT: 4.783 min Scan# 678

Delta R.T. 0.003 min

Lab File: VL041183.D

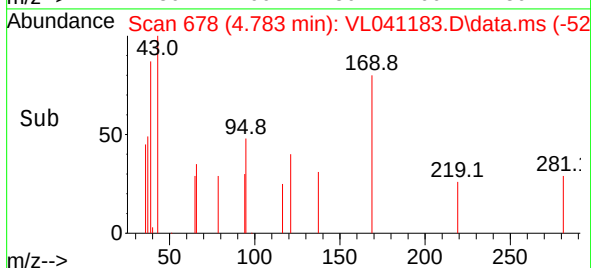
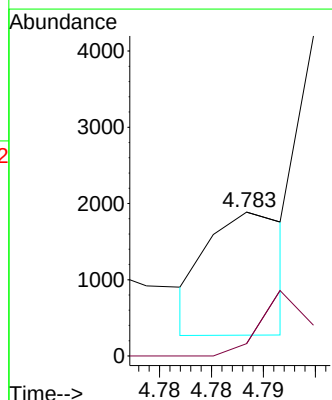
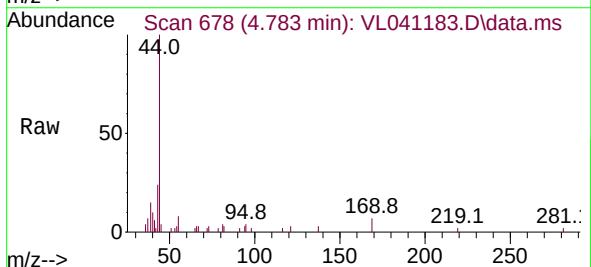
Acq: 29 Apr 2024 14:07

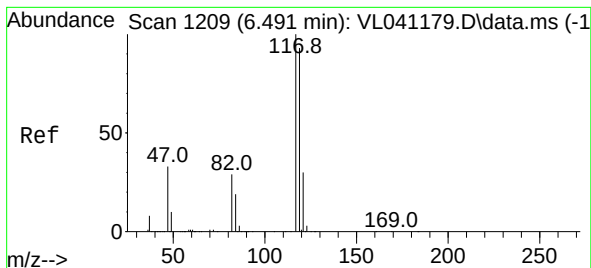
Tgt Ion: 43 Resp: 854

Ion Ratio Lower Upper

43 100

72 0.0 17.3 25.9#





#35

Carbon Tetrachloride

Concen: 0.042 ppbv

RT: 6.491 min Scan# 117

Delta R.T. -0.000 min

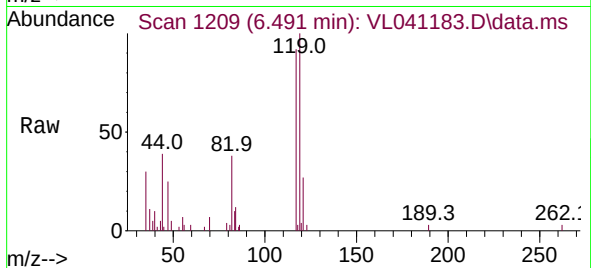
Lab File: VL041183.D

Acq: 29 Apr 2024 14:07

Instrument :

MSVOA_L

ClientSampleId :



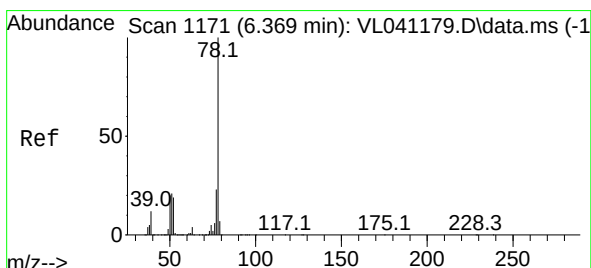
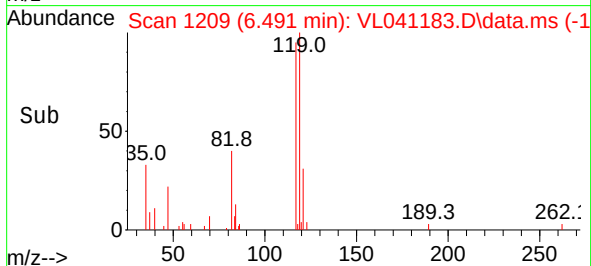
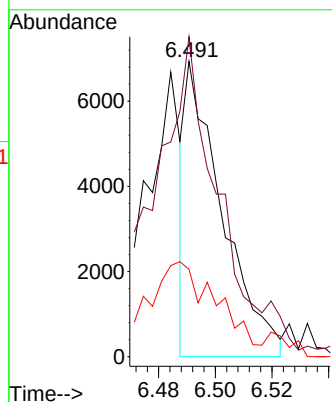
Tgt Ion:117 Resp: 6248

Ion Ratio Lower Upper

117 100

119 100.7 74.3 111.5

121 23.9 23.8 35.8



#36

Benzene

Concen: 0.053 ppbv

RT: 6.369 min Scan# 1171

Delta R.T. -0.000 min

Lab File: VL041183.D

Acq: 29 Apr 2024 14:07

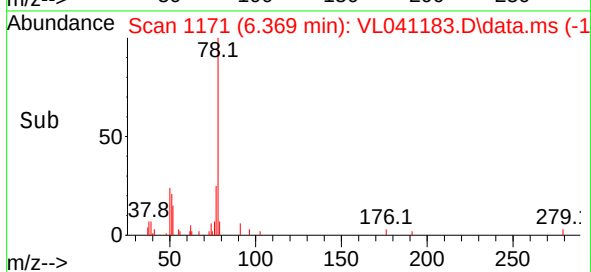
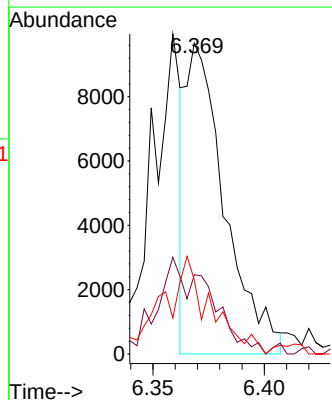
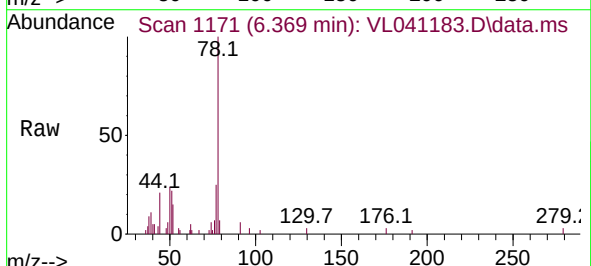
Tgt Ion: 78 Resp: 11739

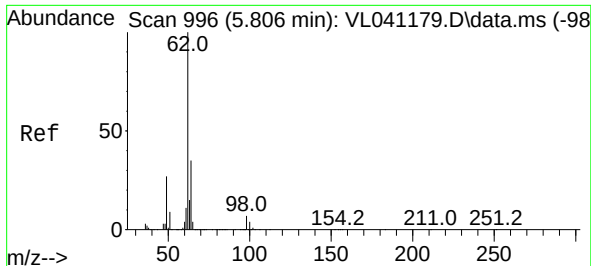
Ion Ratio Lower Upper

78 100

77 23.6 18.3 27.5

50 22.7 15.9 23.9





#37

1,2-Dichloroethane

Concen: 0.060 ppbv

RT: 5.803 min Scan# 996

Delta R.T. -0.003 min

Lab File: VL041183.D

Acq: 29 Apr 2024 14:07

Instrument :

MSVOA_L

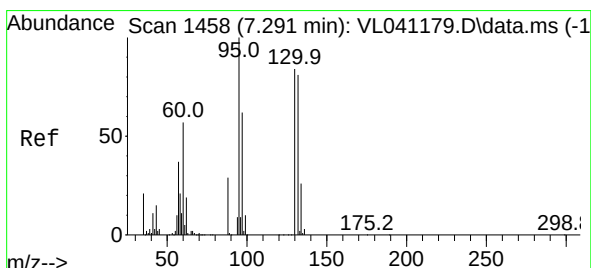
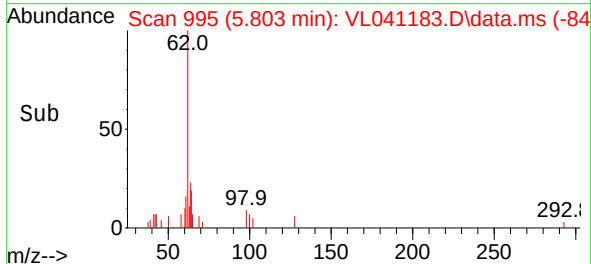
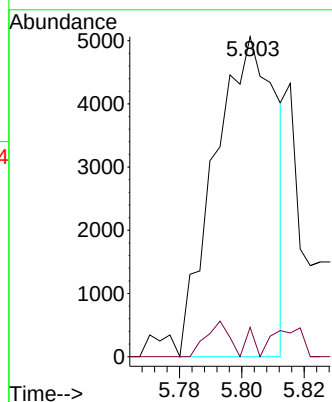
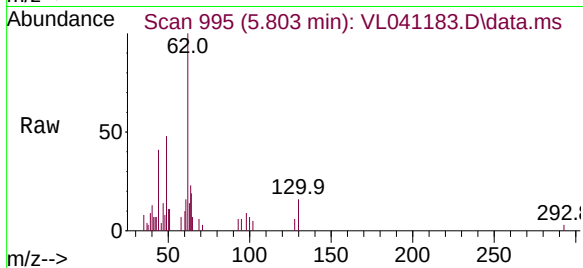
ClientSampleId :

Tgt Ion: 62 Resp: 6889

Ion Ratio Lower Upper

62 100

98 5.4 5.0 7.4



#38

Trichloroethene

Concen: 0.066 ppbv

RT: 7.288 min Scan# 1457

Delta R.T. -0.003 min

Lab File: VL041183.D

Acq: 29 Apr 2024 14:07

Tgt Ion:130 Resp: 5495

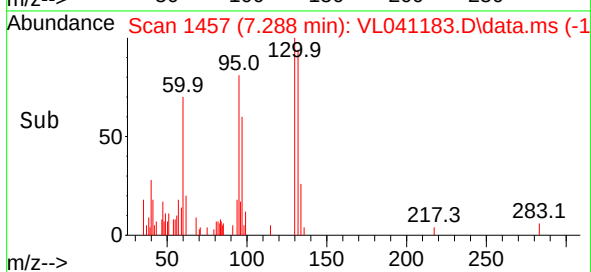
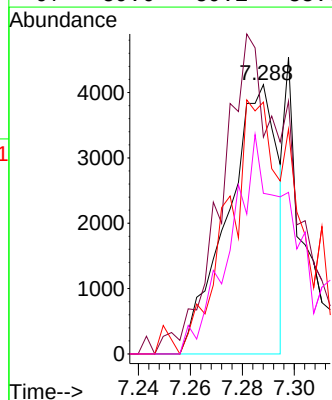
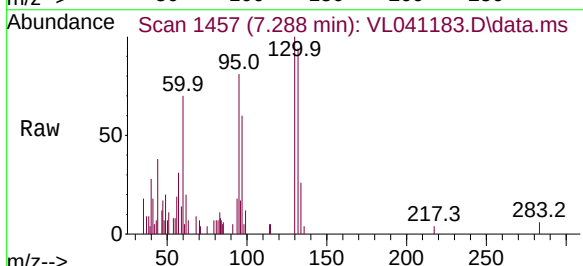
Ion Ratio Lower Upper

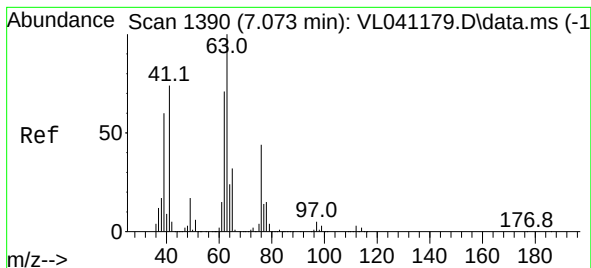
130 100

95 75.5 95.0 142.6#

132 93.5 77.0 115.4

97 59.6 59.1 88.7





#39

1,2-Dichloropropane

Concen: 8.055 ppbv

RT: 6.648 min Scan# 11

Delta R.T. -0.425 min

Lab File: VL041183.D

Acq: 29 Apr 2024 14:07

Instrument :

MSVOA_L

ClientSampleId :

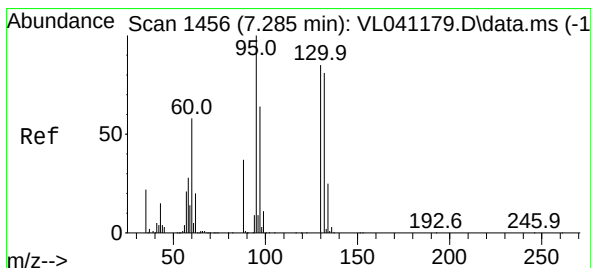
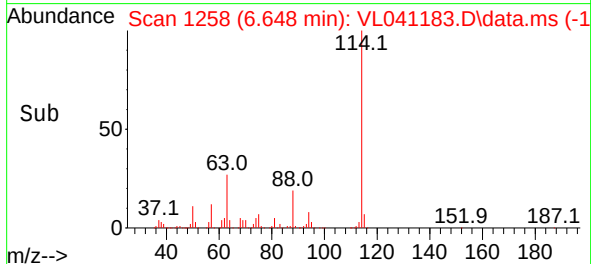
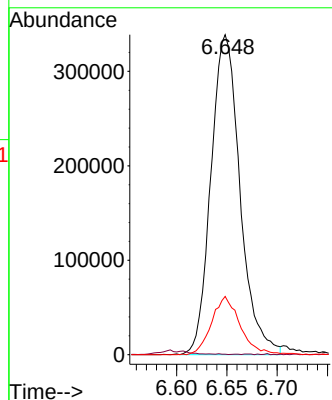
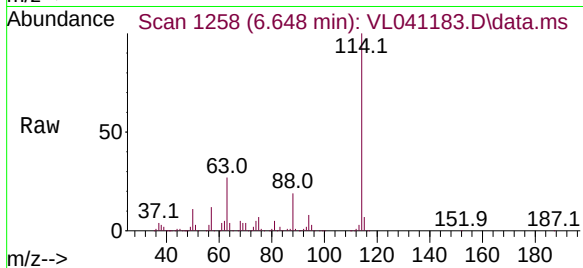
Tgt Ion: 63 Resp: 682842

Ion Ratio Lower Upper

63 100

41 0.0 59.4 89.0#

62 18.1 56.8 85.2#



#40

1,4-Dioxane

Concen: 0.002 ppbv

RT: 7.278 min Scan# 1454

Delta R.T. -0.007 min

Lab File: VL041183.D

Acq: 29 Apr 2024 14:07

Tgt Ion: 88 Resp: 49

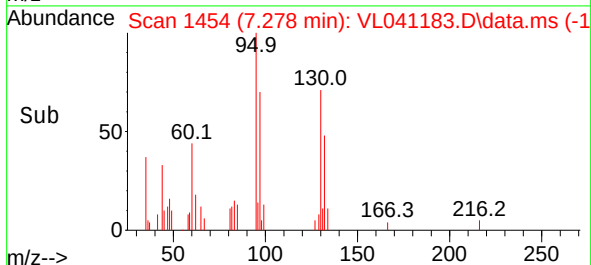
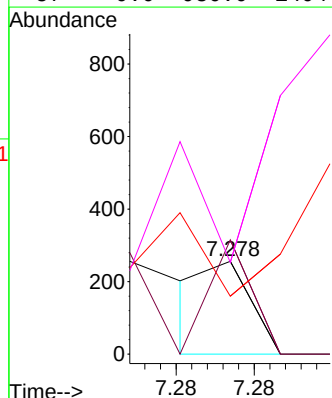
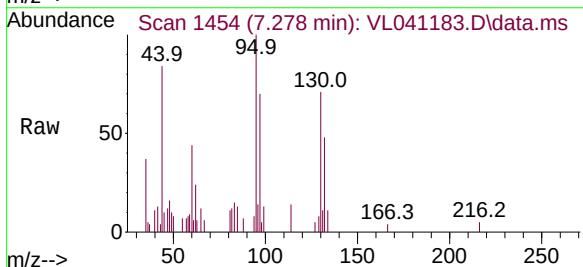
Ion Ratio Lower Upper

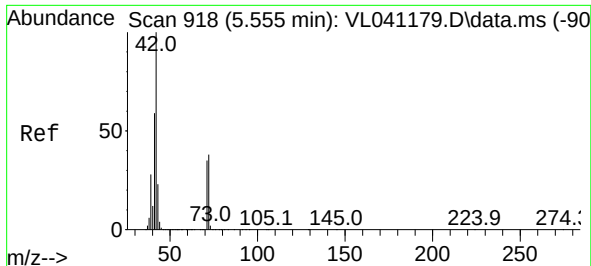
88 100

58 0.0 106.1 159.1#

43 0.0 219.8 329.6#

57 0.0 936.0 1404.0#





#41

Tetrahydrofuran

Concen: 0.002 ppbv

RT: 5.549 min Scan# 918

Delta R.T. -0.007 min

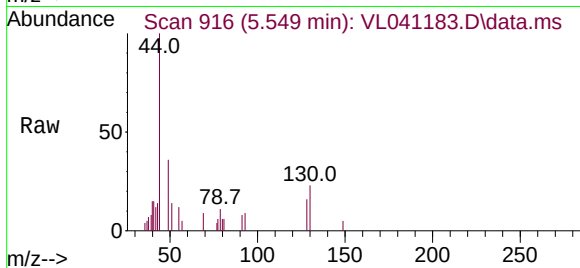
Lab File: VL041183.D

Acq: 29 Apr 2024 14:07

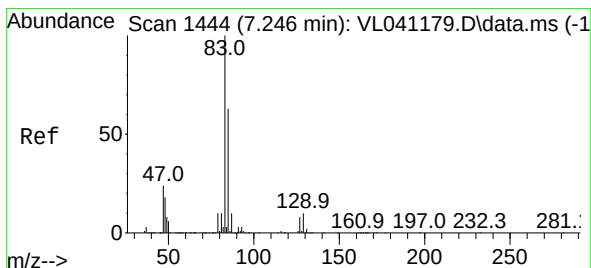
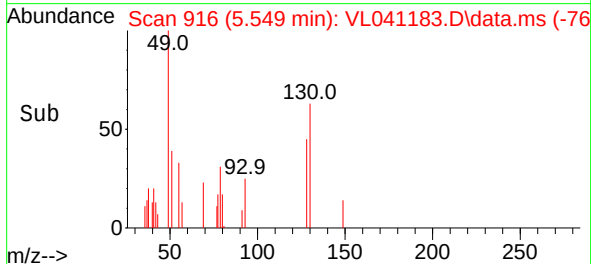
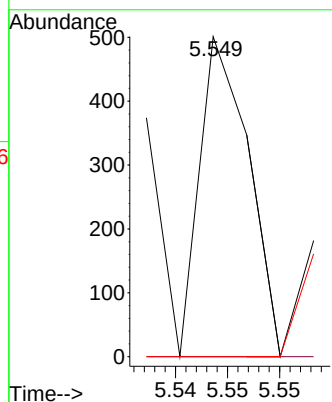
Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:	42	Resp:	163
Ion	Ratio	Lower	Upper
42	100		
72	0.0	29.4	44.0#
71	0.0	29.1	43.7#



#42

Bromodichloromethane

Concen: 0.037 ppbv

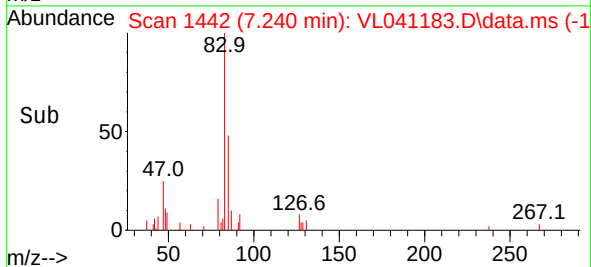
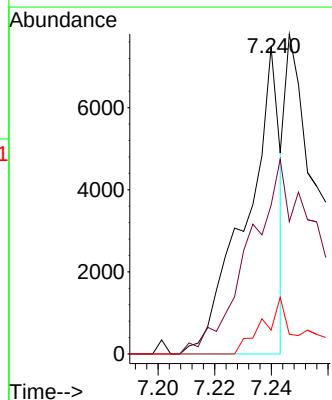
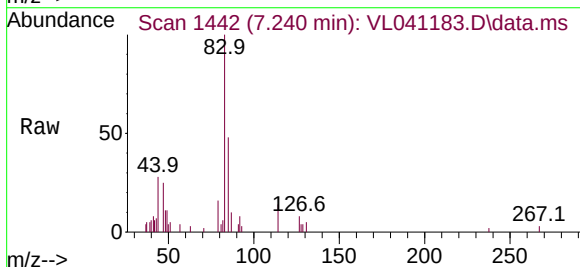
RT: 7.240 min Scan# 1442

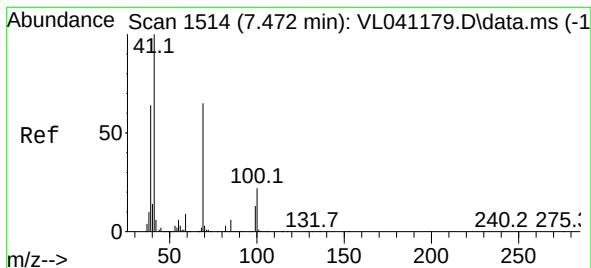
Delta R.T. -0.007 min

Lab File: VL041183.D

Acq: 29 Apr 2024 14:07

Tgt Ion:	83	Resp:	6157
Ion	Ratio	Lower	Upper
83	100		
85	48.4	50.6	75.8#
127	11.7	6.2	9.4#





#43

Methyl Methacrylate

Concen: 0.018 ppbv

RT: 7.471 min Scan# 1514

Delta R.T. -0.000 min

Lab File: VL041183.D

Acq: 29 Apr 2024 14:07

Instrument :

MSVOA_L

ClientSampleId :

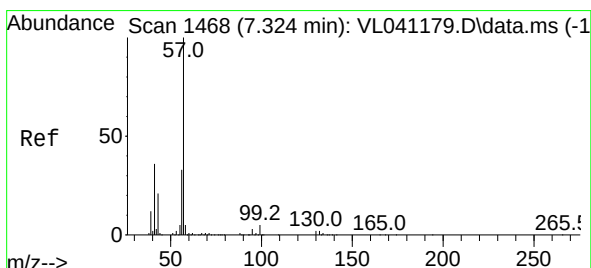
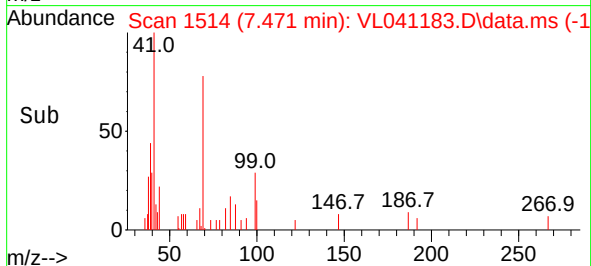
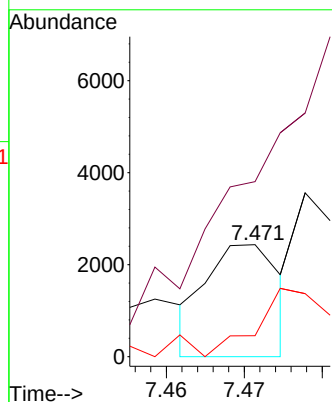
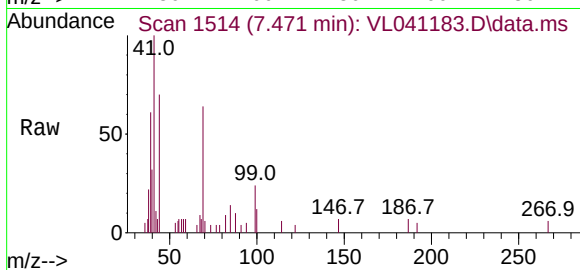
Tgt Ion: 69 Resp: 1587

Ion Ratio Lower Upper

69 100

41 0.0 125.2 187.8#

100 0.0 26.7 40.1#



#44

2,2,4-Trimethylpentane

Concen: 0.028 ppbv

RT: 7.314 min Scan# 1465

Delta R.T. -0.010 min

Lab File: VL041183.D

Acq: 29 Apr 2024 14:07

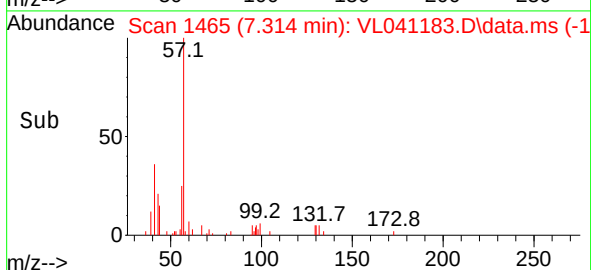
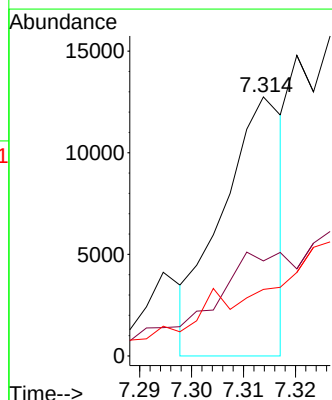
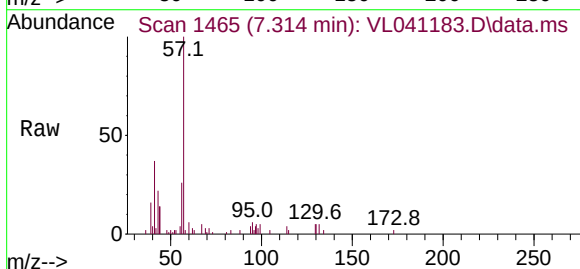
Tgt Ion: 57 Resp: 10460

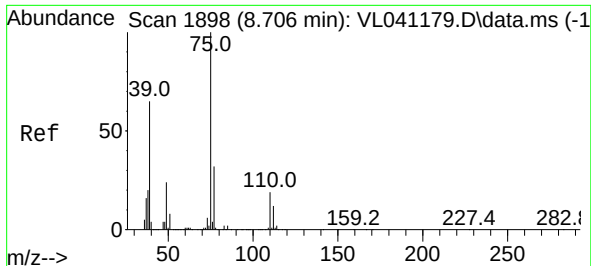
Ion Ratio Lower Upper

57 100

41 0.0 29.5 44.3#

56 0.0 25.3 37.9#





#45

t-1,3-Dichloropropene

Concen: 0.014 ppbv

RT: 8.729 min Scan# 1

Delta R.T. 0.022 min

Lab File: VL041183.D

Acq: 29 Apr 2024 14:07

Instrument :

MSVOA_L

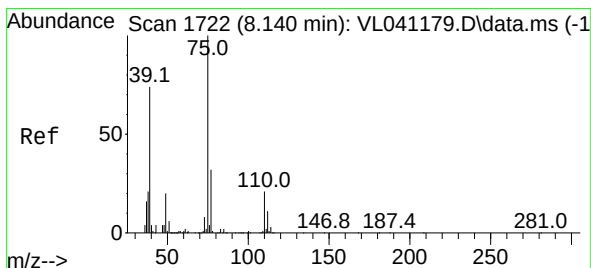
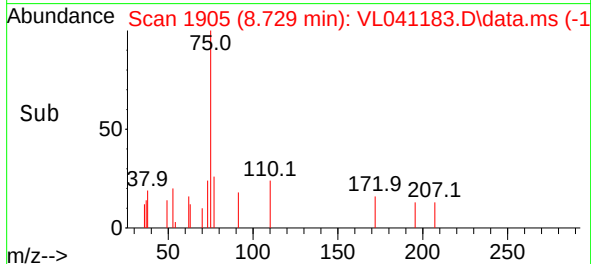
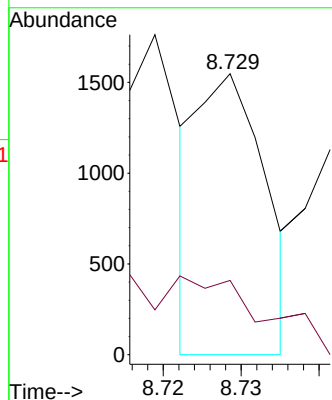
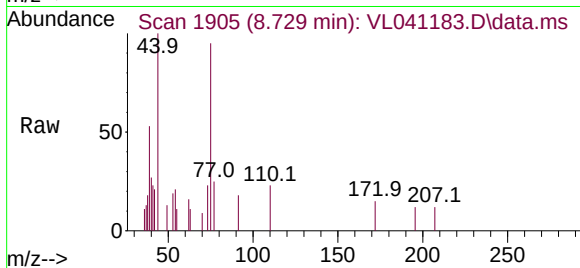
ClientSampleId :

Tgt Ion: 75 Resp: 929

Ion Ratio Lower Upper

75 100

77 26.4 25.6 38.4



#46

cis-1,3-Dichloropropene

Concen: 0.024 ppbv

RT: 8.134 min Scan# 1720

Delta R.T. -0.007 min

Lab File: VL041183.D

Acq: 29 Apr 2024 14:07

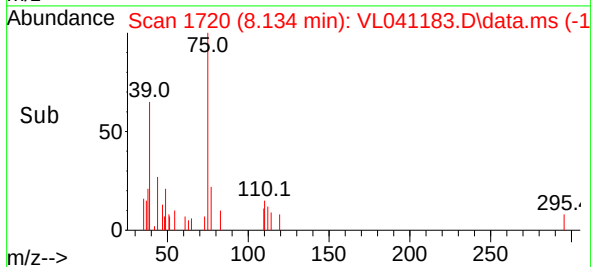
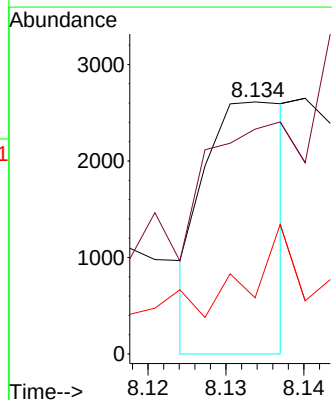
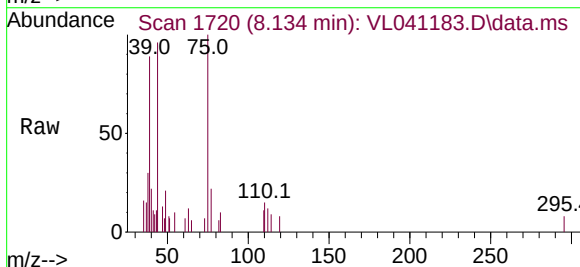
Tgt Ion: 75 Resp: 1881

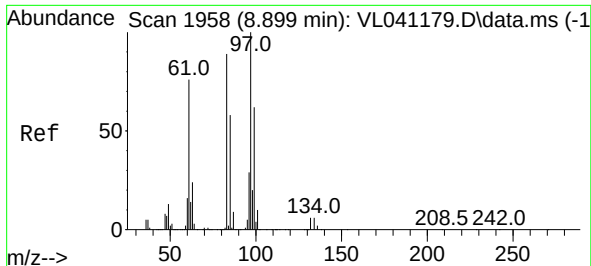
Ion Ratio Lower Upper

75 100

39 83.2 59.4 89.2

77 0.0 25.9 38.9#





#47

1,1,2-Trichloroethane

Concen: 0.029 ppbv

RT: 8.893 min Scan# 1956

Delta R.T. -0.007 min

Lab File: VL041183.D

Acq: 29 Apr 2024 14:07

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 97 Resp: 2462

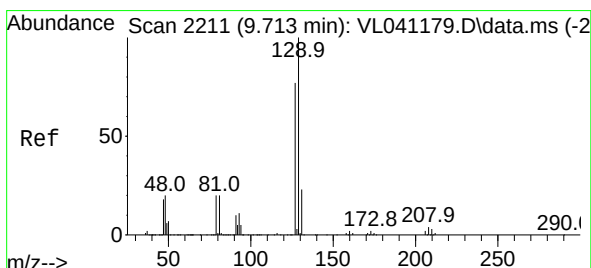
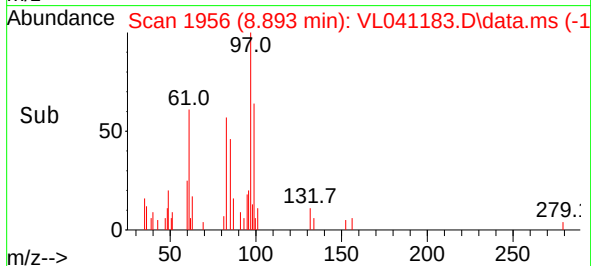
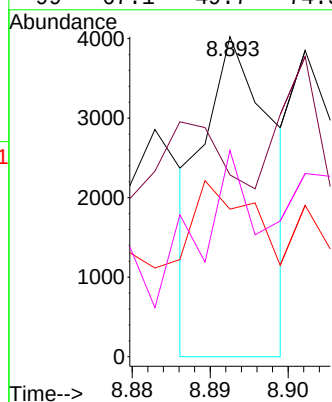
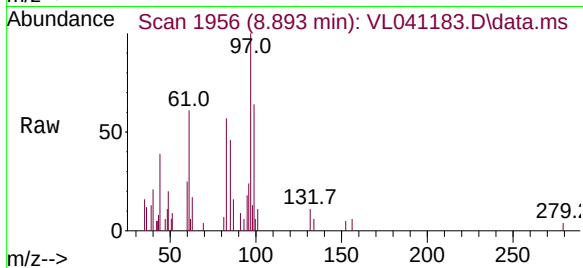
Ion Ratio Lower Upper

97 100

83 0.0 71.2 106.8#

85 42.6 46.0 69.0#

99 67.1 49.7 74.5



#48

Dibromochloromethane

Concen: 0.029 ppbv

RT: 9.712 min Scan# 2211

Delta R.T. -0.000 min

Lab File: VL041183.D

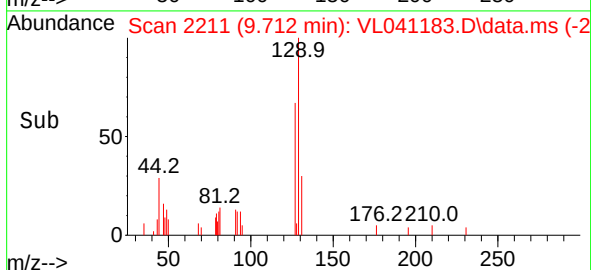
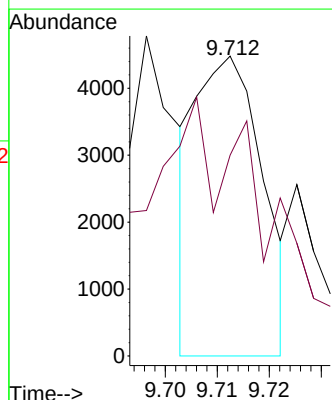
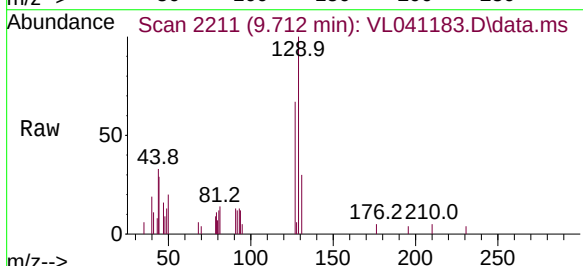
Acq: 29 Apr 2024 14:07

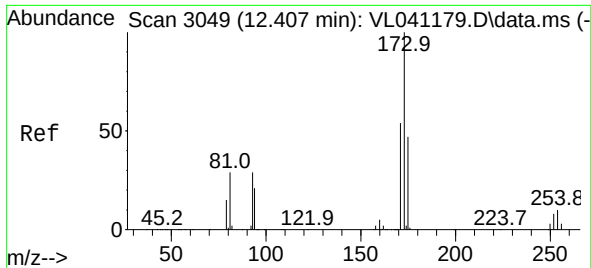
Tgt Ion: 129 Resp: 4025

Ion Ratio Lower Upper

129 100

127 198.9 39.1 117.5#





#49

Bromoform

Concen: 0.038 ppbv

RT: 12.394 min Scan# 3045

Delta R.T. -0.013 min

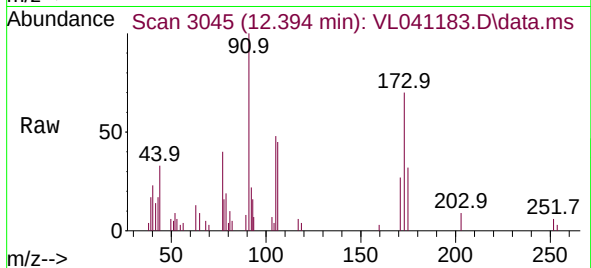
Lab File: VL041183.D

Acq: 29 Apr 2024 14:07

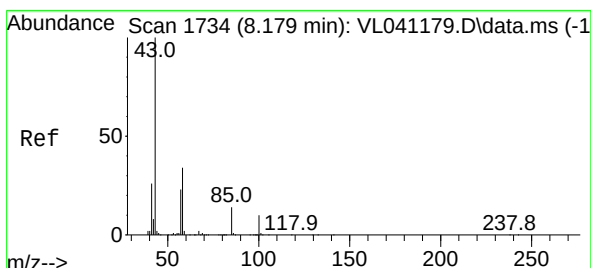
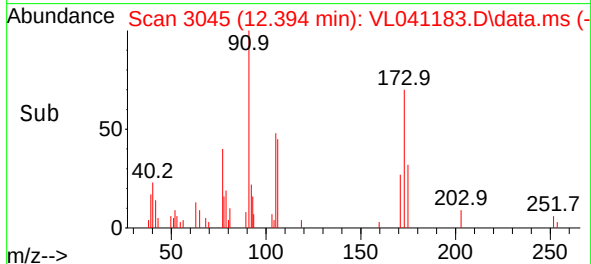
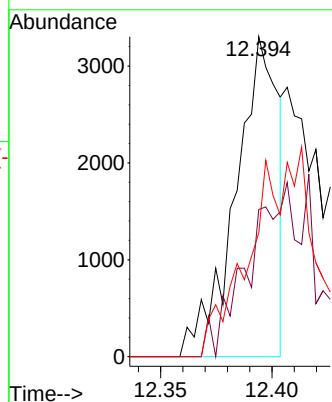
Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:	173	Resp:	4405
Ion	Ratio	Lower	Upper
173	100		
175	0.0	39.8	59.8#
171	0.0	41.8	62.8#



#50

4-Methyl-2-Pentanone

Concen: 0.002 ppbv

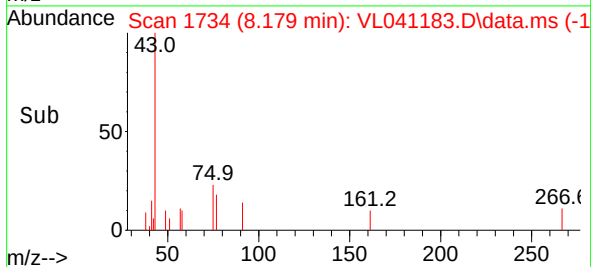
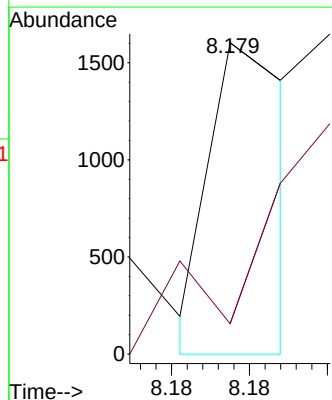
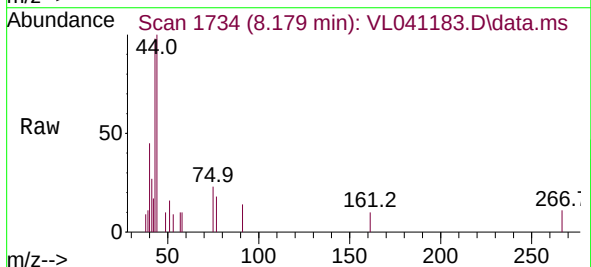
RT: 8.179 min Scan# 1734

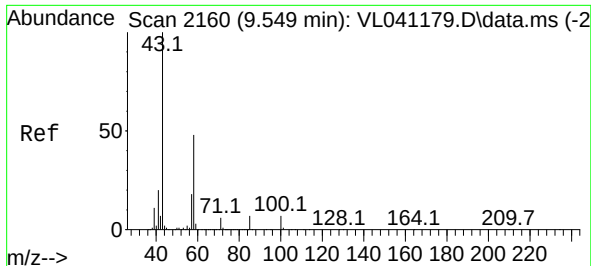
Delta R.T. -0.000 min

Lab File: VL041183.D

Acq: 29 Apr 2024 14:07

Tgt Ion:	43	Resp:	581
Ion	Ratio	Lower	Upper
43	100		
58	0.0	27.7	41.5#

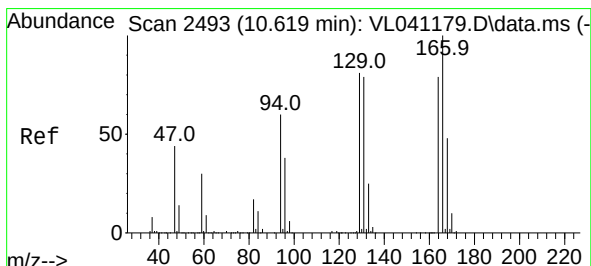
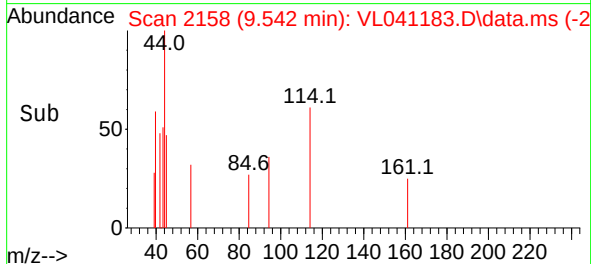
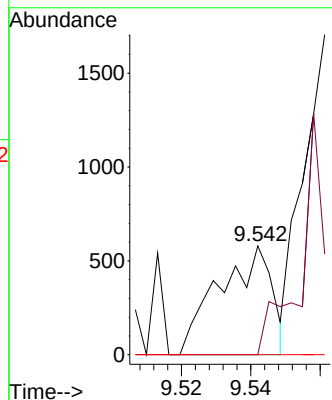
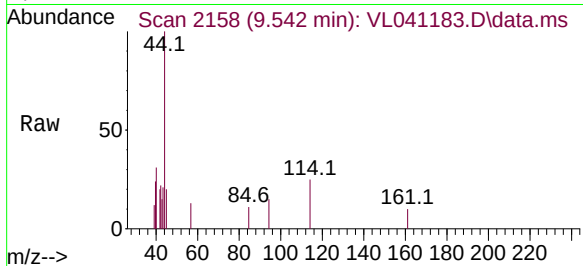




#51
2-Hexanone
Concen: 0.004 ppbv
RT: 9.542 min Scan# 2160
Delta R.T. -0.007 min
Lab File: VL041183.D
Acq: 29 Apr 2024 14:07

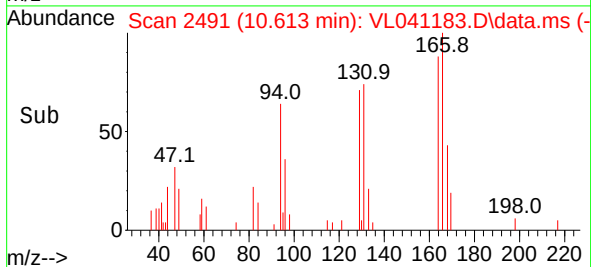
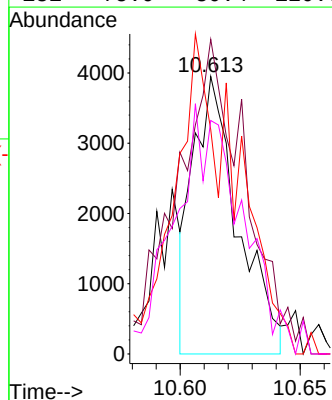
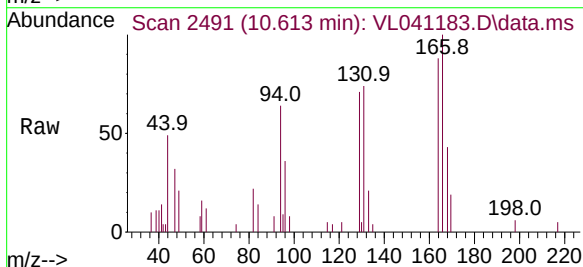
Instrument :
MSVOA_L
ClientSampleId :

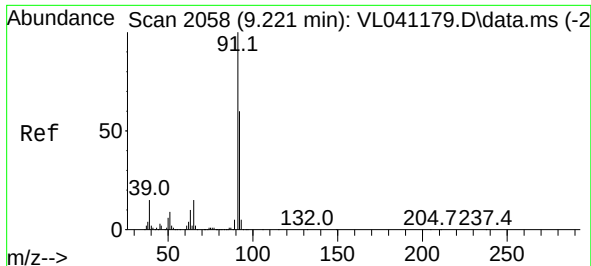
Tgt Ion: 43 Resp: 614
Ion Ratio Lower Upper
43 100
58 0.0 38.4 57.6#
98 0.0 0.0 0.0



#52
Tetrachloroethene
Concen: 0.067 ppbv
RT: 10.613 min Scan# 2491
Delta R.T. -0.007 min
Lab File: VL041183.D
Acq: 29 Apr 2024 14:07

Tgt Ion: 164 Resp: 5146
Ion Ratio Lower Upper
164 100
166 113.9 101.1 151.7
129 73.6 81.7 122.5#
131 75.9 80.4 120.6#





#53

Toluene

Concen: 0.089 ppbv

RT: 9.220 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VL041183.D

Acq: 29 Apr 2024 14:07

Instrument :

MSVOA_L

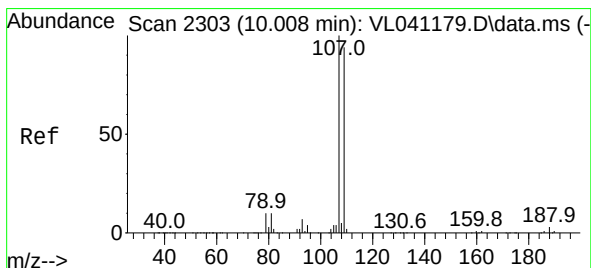
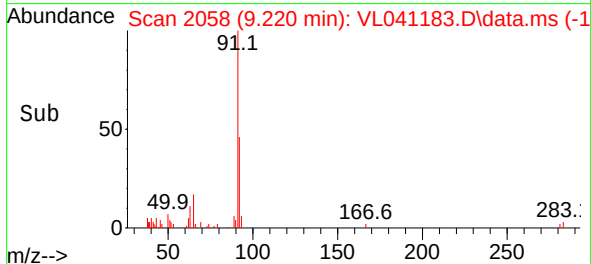
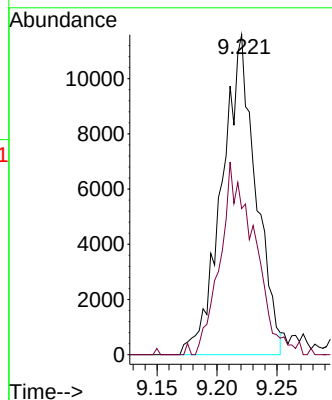
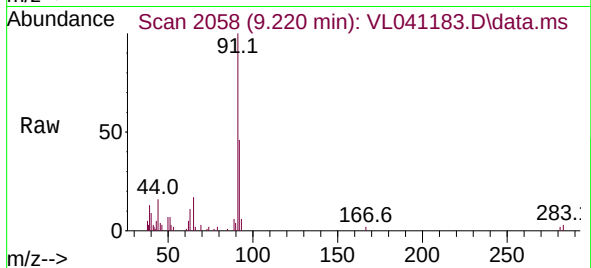
ClientSampleId :

Tgt Ion: 91 Resp: 22863

Ion Ratio Lower Upper

91 100

92 61.3 48.2 72.4



#54

1,2-Dibromoethane

Concen: 0.044 ppbv

RT: 10.002 min Scan# 2301

Delta R.T. -0.007 min

Lab File: VL041183.D

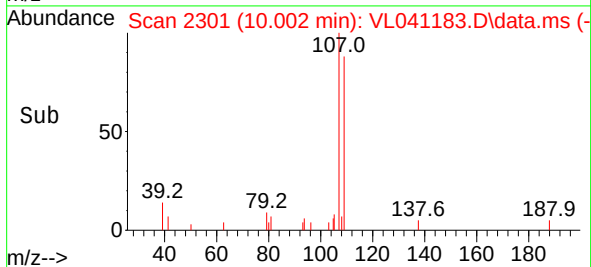
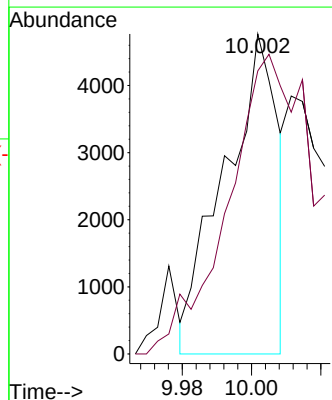
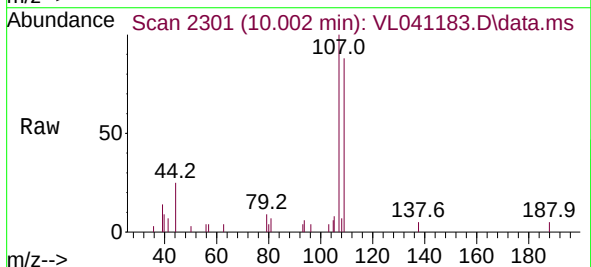
Acq: 29 Apr 2024 14:07

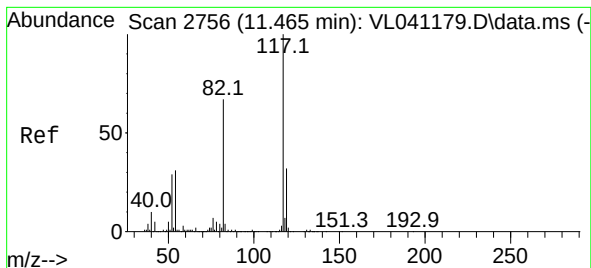
Tgt Ion: 107 Resp: 5075

Ion Ratio Lower Upper

107 100

109 77.3 75.2 112.8





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.462 min Scan# 2755

Delta R.T. -0.003 min

Lab File: VL041183.D

Acq: 29 Apr 2024 14:07

Instrument :

MSVOA_L

ClientSampleId :

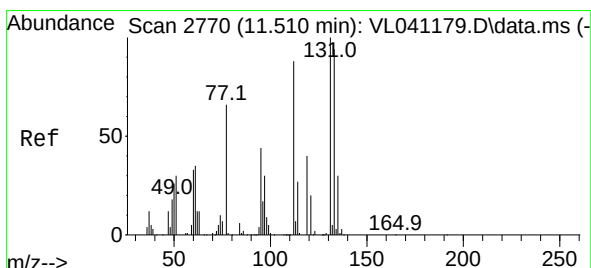
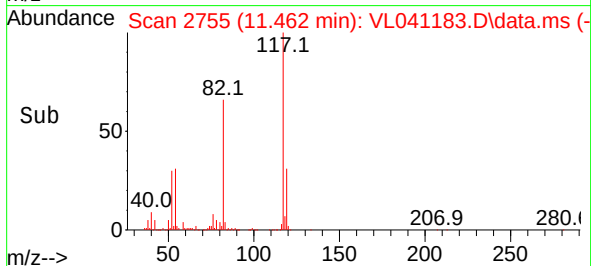
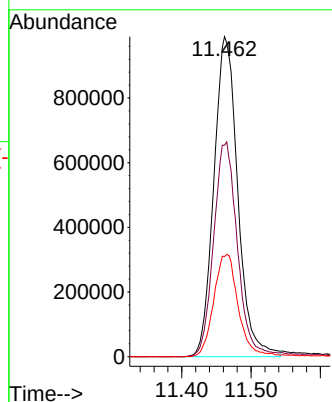
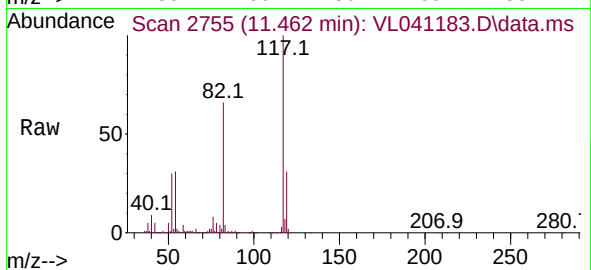
Tgt Ion:117 Resp: 2375514

Ion Ratio Lower Upper

117 100

82 68.1 53.6 80.4

119 33.4 27.2 40.8



#56

1,1,1,2-Tetrachloroethane

Concen: 0.022 ppbv

RT: 11.507 min Scan# 2769

Delta R.T. -0.003 min

Lab File: VL041183.D

Acq: 29 Apr 2024 14:07

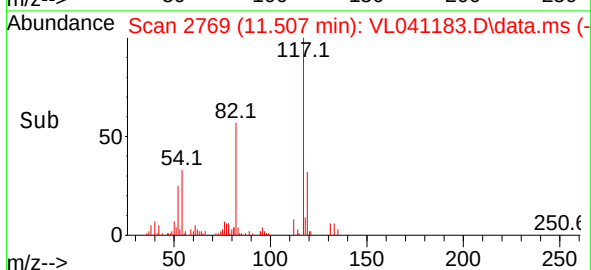
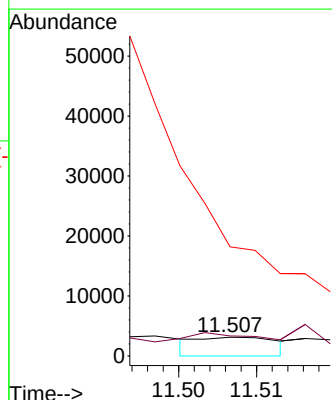
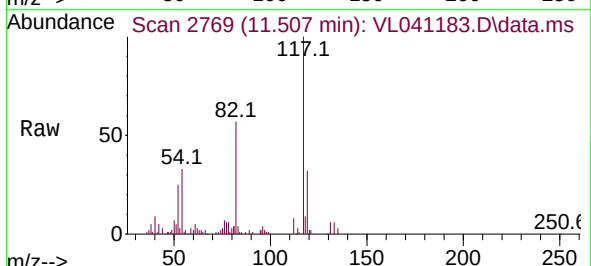
Tgt Ion:131 Resp: 2211

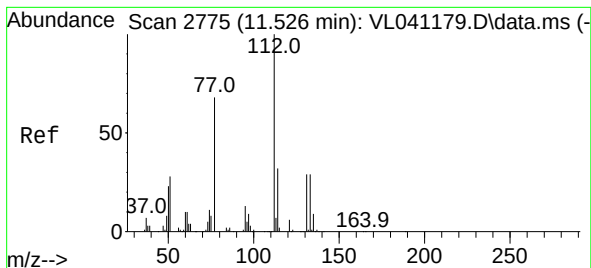
Ion Ratio Lower Upper

131 100

133 0.0 76.3 114.5#

119 0.0 49.4 74.2#





#57

Chlorobenzene

Concen: 0.053 ppbv

RT: 11.519 min Scan# 21

Delta R.T. -0.007 min

Lab File: VL041183.D

Acq: 29 Apr 2024 14:07

Instrument :

MSVOA_L

ClientSampleId :

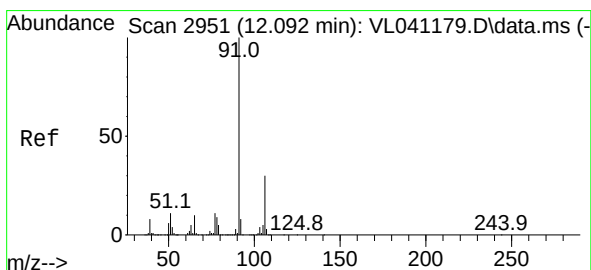
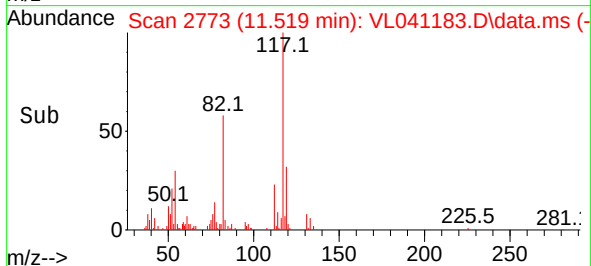
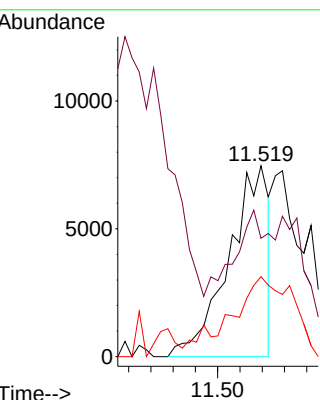
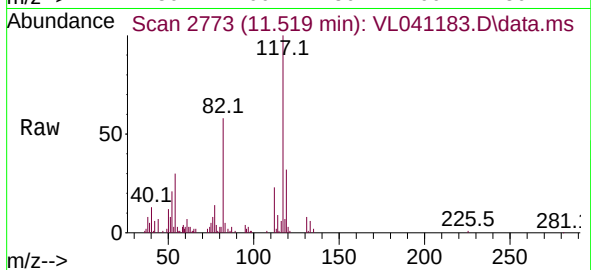
Tgt Ion:112 Resp: 9197

Ion Ratio Lower Upper

112 100

77 0.0 54.9 82.3#

114 32.7 28.7 35.1



#58

Ethyl Benzene

Concen: 0.041 ppbv

RT: 12.089 min Scan# 2950

Delta R.T. -0.003 min

Lab File: VL041183.D

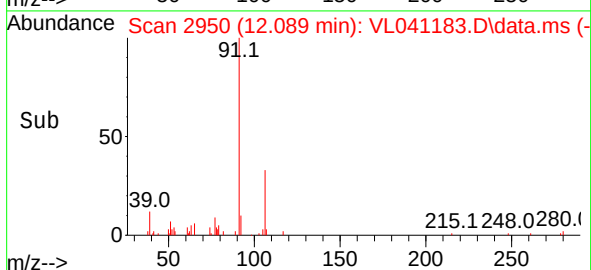
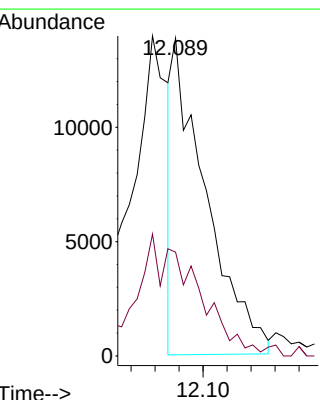
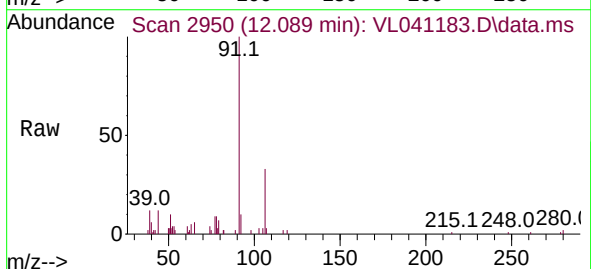
Acq: 29 Apr 2024 14:07

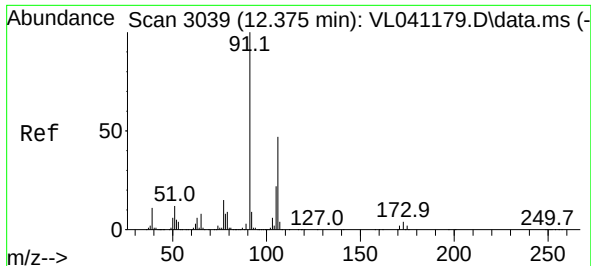
Tgt Ion: 91 Resp: 13404

Ion Ratio Lower Upper

91 100

106 31.4 24.3 36.5





#59

m/p-Xylene

Concen: 0.082 ppbv

RT: 12.368 min Scan# 3037

Delta R.T. -0.007 min

Lab File: VL041183.D

Acq: 29 Apr 2024 14:07

Instrument :

MSVOA_L

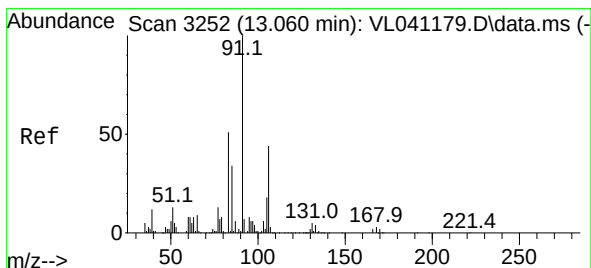
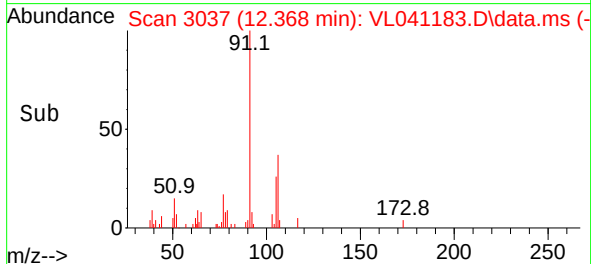
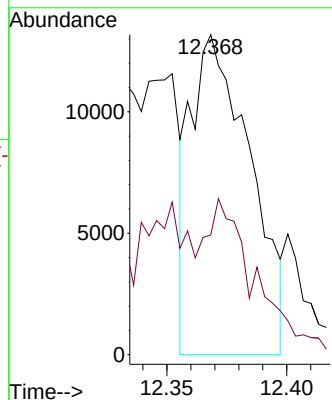
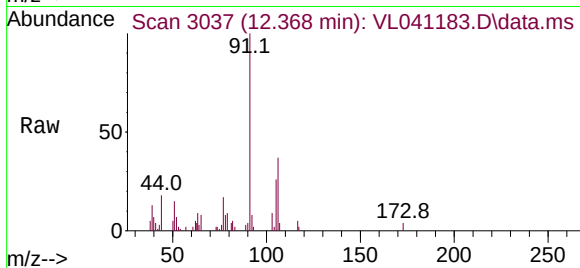
ClientSampleId :

Tgt Ion: 91 Resp: 22626

Ion Ratio Lower Upper

91 100

106 98.4 35.7 53.5#



#60

o-Xylene

Concen: 0.021 ppbv

RT: 13.063 min Scan# 3253

Delta R.T. 0.003 min

Lab File: VL041183.D

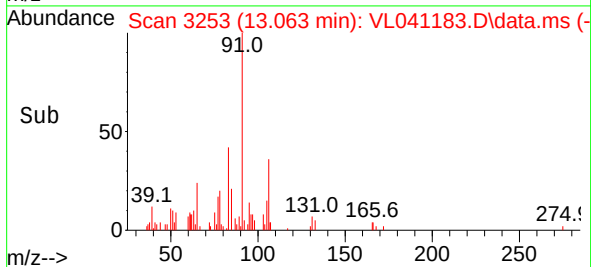
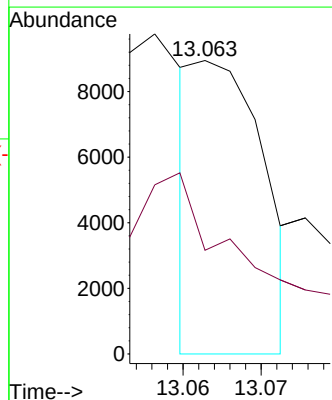
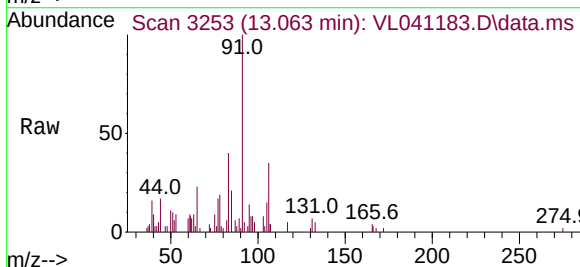
Acq: 29 Apr 2024 14:07

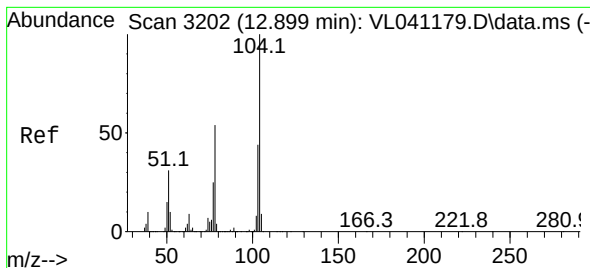
Tgt Ion: 91 Resp: 5517

Ion Ratio Lower Upper

91 100

106 208.7 22.4 67.3#





#61

Styrene

Concen: 0.035 ppbv

RT: 12.902 min Scan# 31

Delta R.T. 0.003 min

Lab File: VL041183.D

Acq: 29 Apr 2024 14:07

Instrument :

MSVOA_L

ClientSampleId :

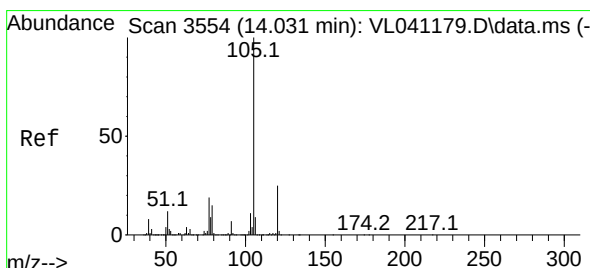
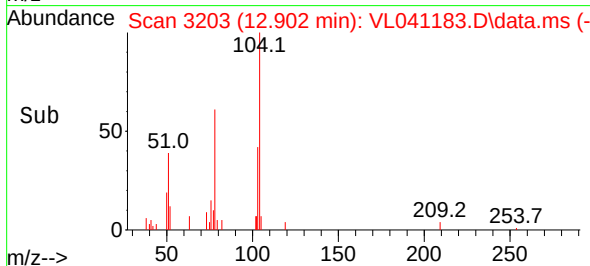
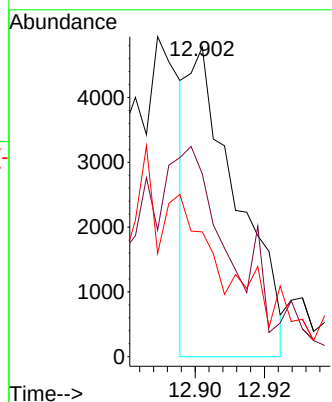
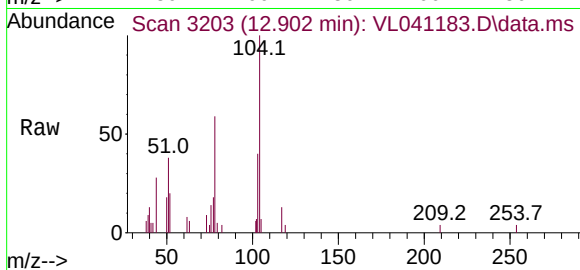
Tgt Ion:104 Resp: 4704

Ion Ratio Lower Upper

104 100

78 147.6 42.6 63.8#

103 0.0 38.4 57.6#



#62

Isopropylbenzene

Concen: 0.085 ppbv

RT: 14.027 min Scan# 3553

Delta R.T. -0.003 min

Lab File: VL041183.D

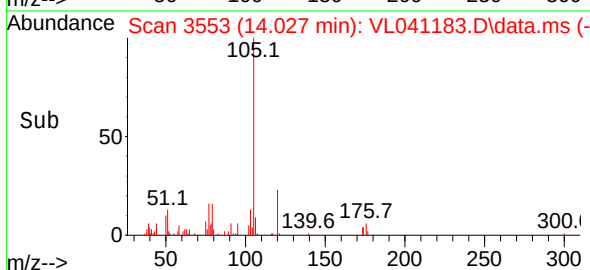
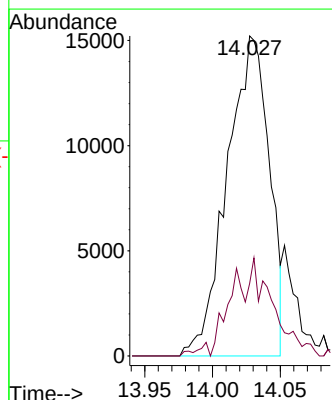
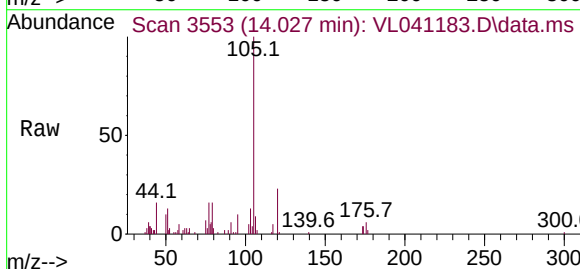
Acq: 29 Apr 2024 14:07

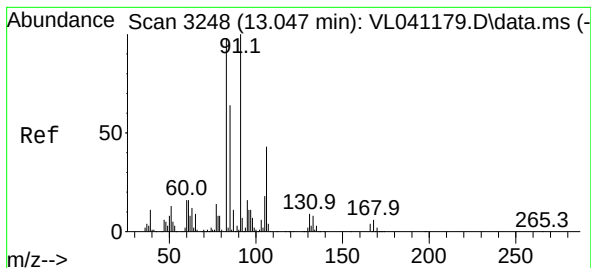
Tgt Ion:105 Resp: 32741

Ion Ratio Lower Upper

105 100

120 30.8 20.2 30.2#





#63

1,1,2,2-Tetrachloroethane

Concen: 0.046 ppbv

RT: 13.050 min Scan# 31

Delta R.T. 0.003 min

Lab File: VL041183.D

Acq: 29 Apr 2024 14:07

Instrument :

MSVOA_L

ClientSampleId :

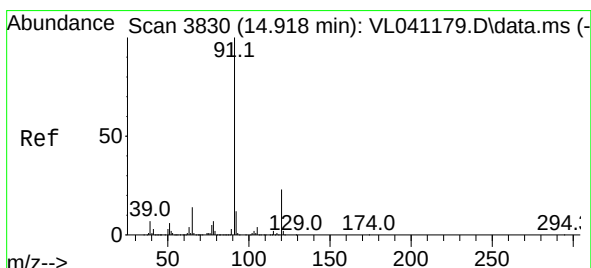
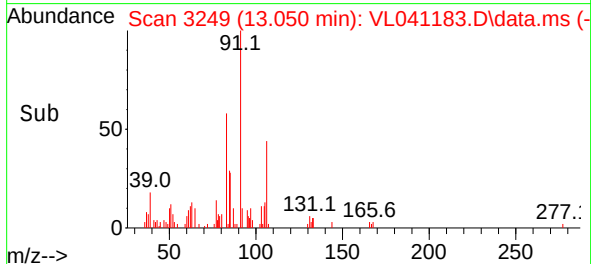
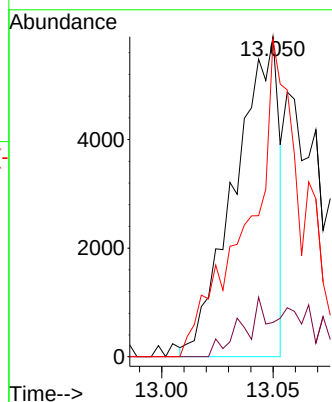
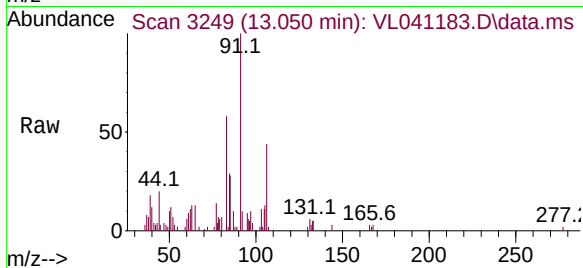
Tgt Ion: 83 Resp: 8116

Ion Ratio Lower Upper

83 100

131 26.1 4.5 13.5#

85 134.3 32.7 98.1#



#64

n-propylbenzene

Concen: 0.049 ppbv

RT: 14.921 min Scan# 3831

Delta R.T. 0.003 min

Lab File: VL041183.D

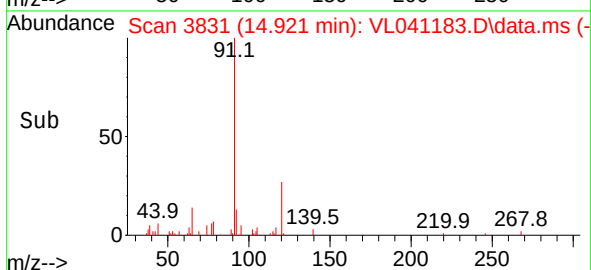
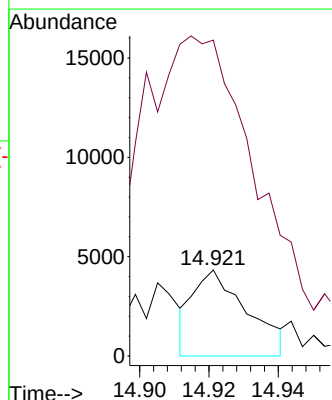
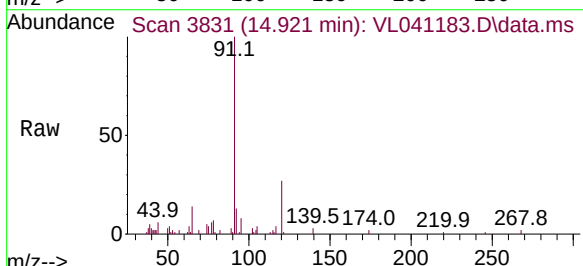
Acq: 29 Apr 2024 14:07

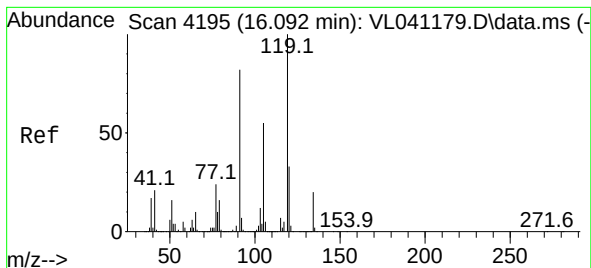
Tgt Ion:120 Resp: 4709

Ion Ratio Lower Upper

120 100

91 989.4 384.8 577.2#





#65

tert-Butylbenzene

Concen: 0.029 ppbv

RT: 16.092 min Scan# 4195

Delta R.T. -0.000 min

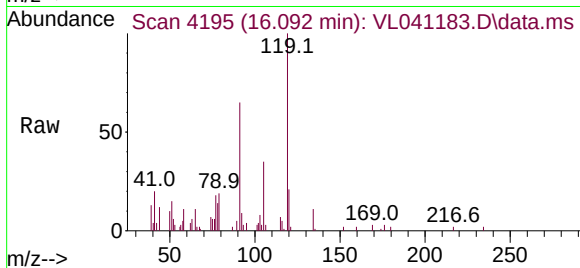
Lab File: VL041183.D

Acq: 29 Apr 2024 14:07

Instrument :

MSVOA_L

ClientSampleId :



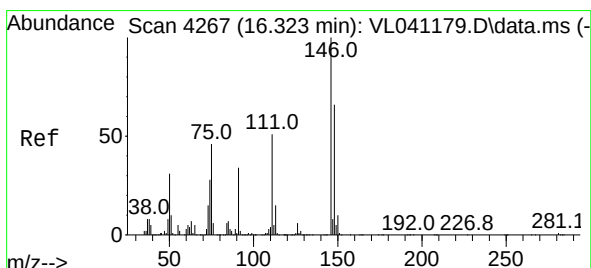
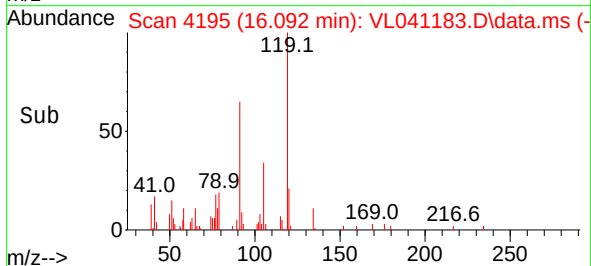
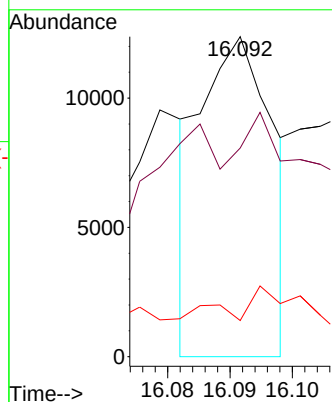
Tgt Ion:119 Resp: 9924

Ion Ratio Lower Upper

119 100

91 291.3 67.0 100.4#

134 63.4 15.2 22.8#



#66

Benzyl Chloride

Concen: 0.008 ppbv

RT: 16.320 min Scan# 4266

Delta R.T. -0.003 min

Lab File: VL041183.D

Acq: 29 Apr 2024 14:07

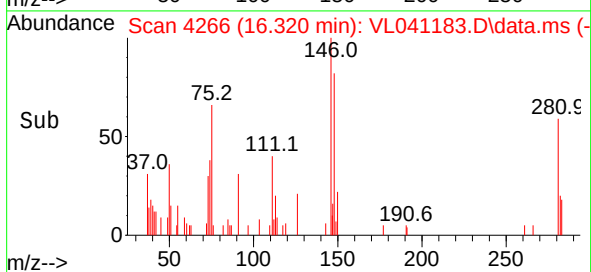
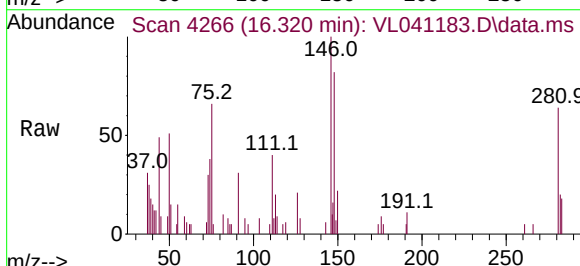
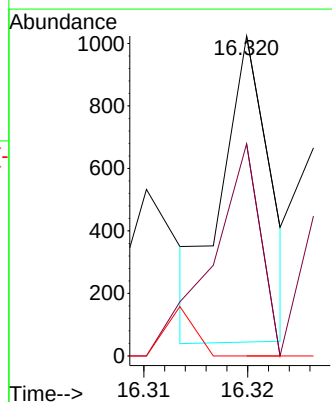
Tgt Ion: 91 Resp: 320

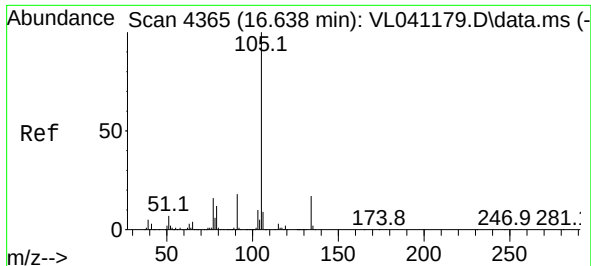
Ion Ratio Lower Upper

91 100

126 115.3 14.6 21.8#

128 0.0 4.7 7.1#





#67

sec-Butylbenzene

Concen: 0.070 ppbv

RT: 16.638 min Scan# 41

Delta R.T. -0.000 min

Lab File: VL041183.D

Acq: 29 Apr 2024 14:07

Instrument :

MSVOA_L

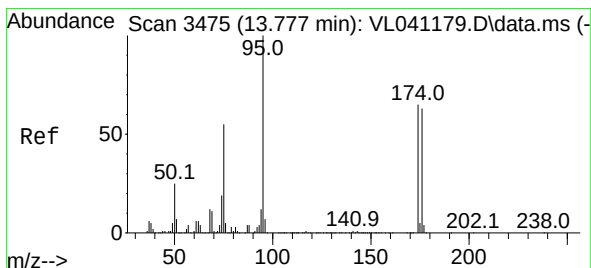
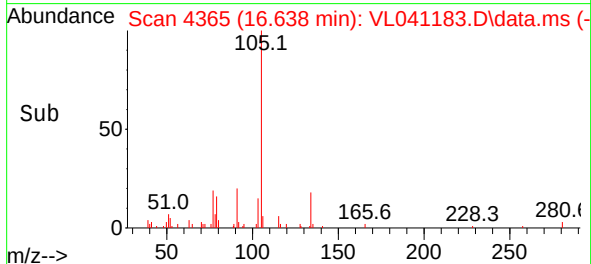
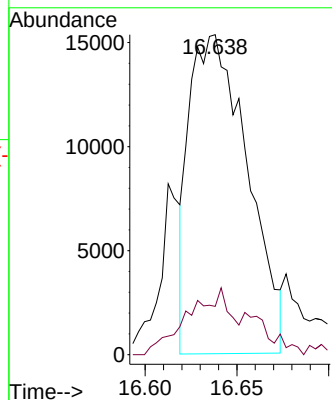
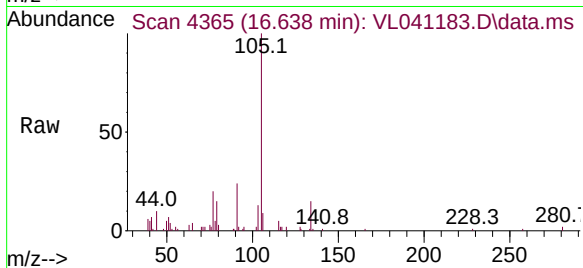
ClientSampleId :

Tgt Ion:105 Resp: 33727

Ion Ratio Lower Upper

105 100

134 23.2 13.8 20.8#



#68

1-Bromo-4-Fluorobenzene

Concen: 10.154 ppbv

RT: 13.770 min Scan# 3473

Delta R.T. -0.007 min

Lab File: VL041183.D

Acq: 29 Apr 2024 14:07

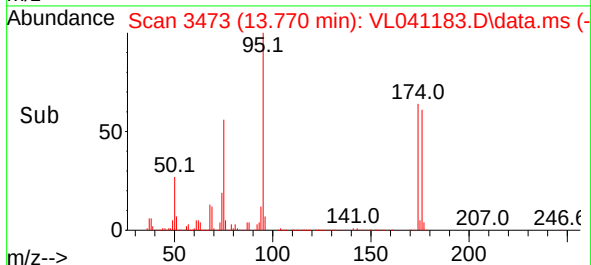
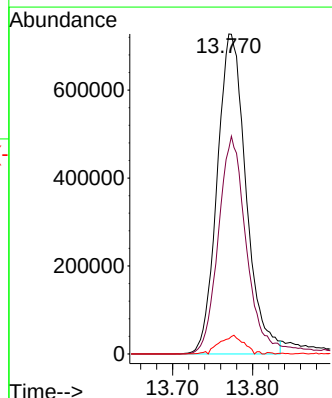
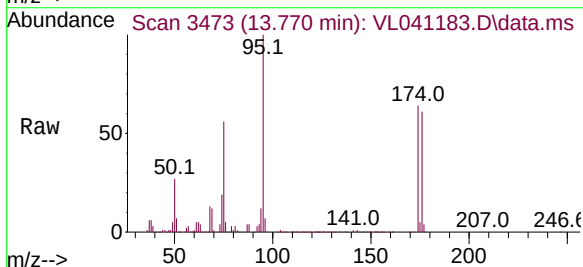
Tgt Ion: 95 Resp: 1821843

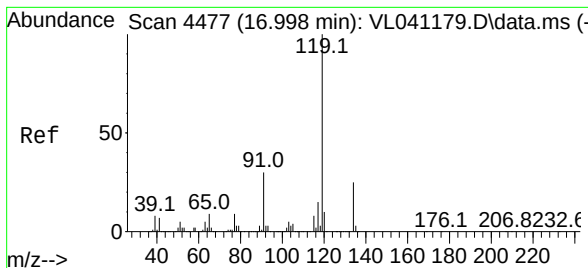
Ion Ratio Lower Upper

95 100

174 69.4 53.6 80.4

175 5.0 4.2 6.4





#69

p-Isopropyltoluene

Concen: 0.078 ppbv

RT: 17.002 min Scan# 4478

Delta R.T. 0.003 min

Lab File: VL041183.D

Acq: 29 Apr 2024 14:07

Instrument :

MSVOA_L

ClientSampleId :

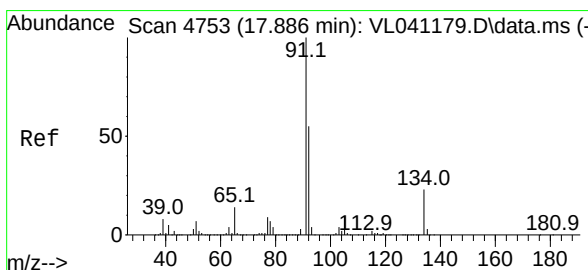
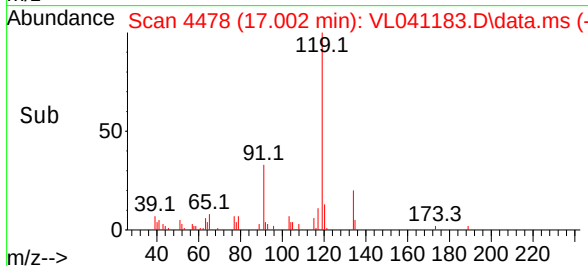
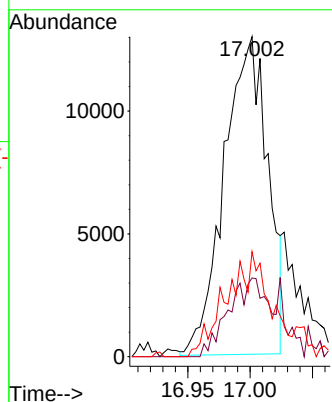
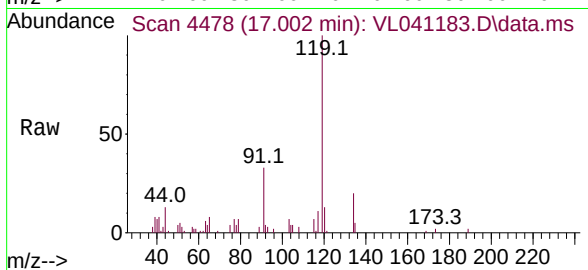
Tgt Ion:119 Resp: 31297

Ion Ratio Lower Upper

119 100

134 0.0 20.1 30.1#

91 36.1 24.2 36.2



#70

n-Butylbenzene

Concen: 0.028 ppbv

RT: 17.883 min Scan# 4752

Delta R.T. -0.003 min

Lab File: VL041183.D

Acq: 29 Apr 2024 14:07

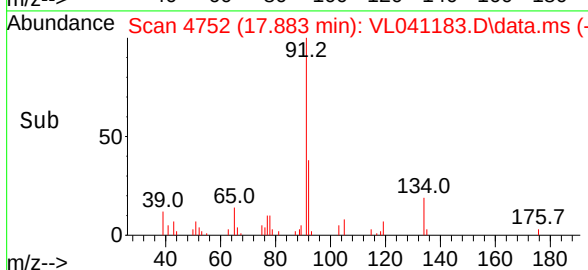
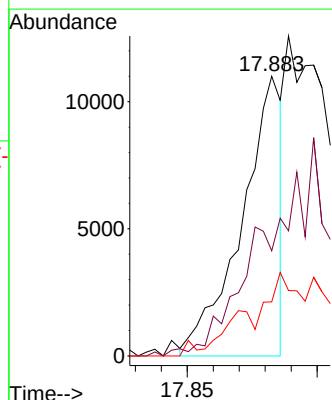
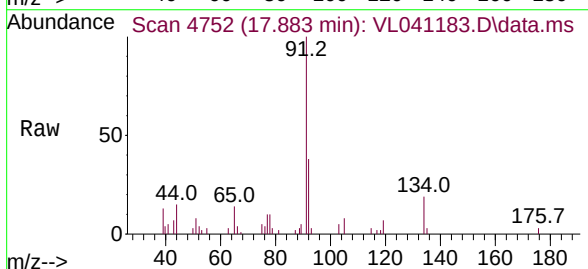
Tgt Ion: 91 Resp: 11754

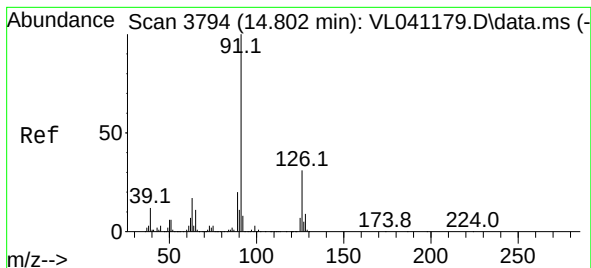
Ion Ratio Lower Upper

91 100

92 0.0 43.3 64.9#

134 0.0 17.8 26.8#





#71

2-Chlorotoluene

Concen: 0.011 ppbv

RT: 14.793 min Scan# 31

Delta R.T. -0.010 min

Lab File: VL041183.D

Acq: 29 Apr 2024 14:07

Instrument :

MSVOA_L

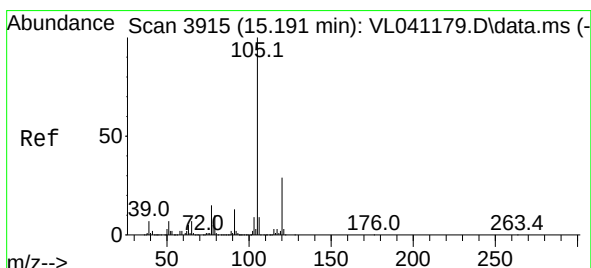
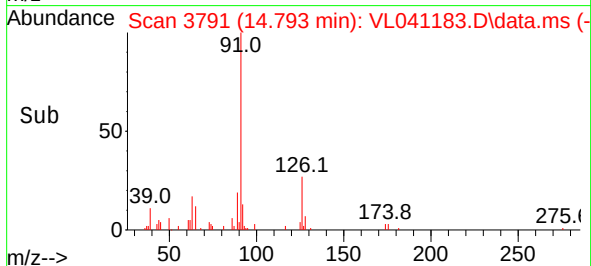
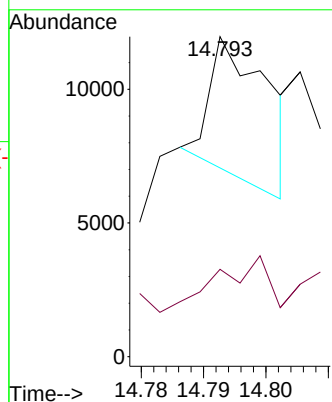
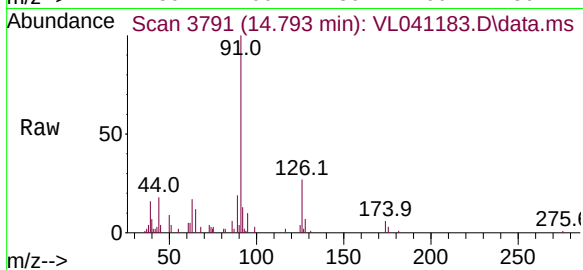
ClientSampleId :

Tgt Ion: 91 Resp: 3230

Ion Ratio Lower Upper

91 100

126 260.9 12.2 48.8#



#72

4-Ethyltoluene

Concen: 0.025 ppbv

RT: 15.188 min Scan# 3914

Delta R.T. -0.003 min

Lab File: VL041183.D

Acq: 29 Apr 2024 14:07

Tgt Ion: 105 Resp: 7471

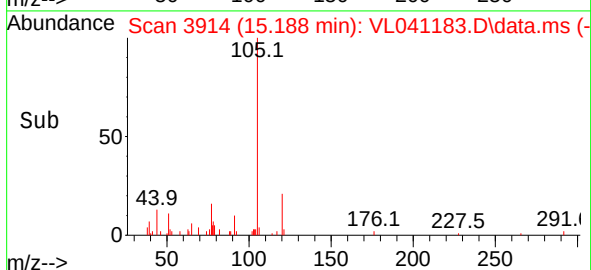
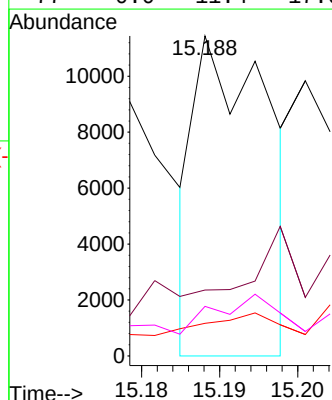
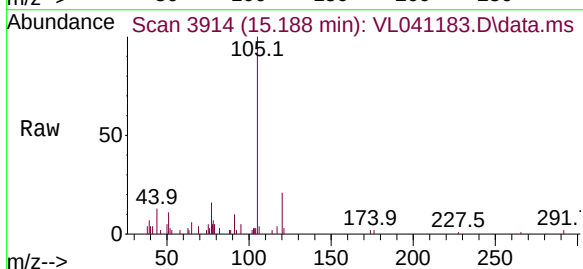
Ion Ratio Lower Upper

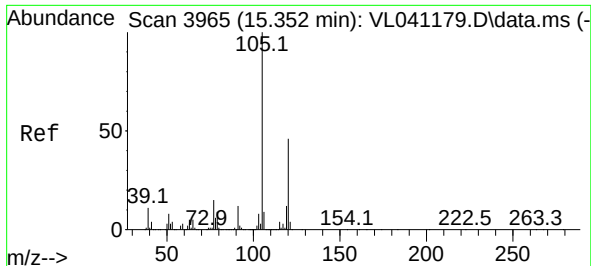
105 100

120 0.0 24.7 37.1#

91 0.0 10.3 15.5#

77 0.0 11.4 17.0#





#73

1,3,5-Trimethylbenzene

Concen: 0.047 ppbv

RT: 15.349 min Scan# 3964

Delta R.T. -0.003 min

Lab File: VL041183.D

Acq: 29 Apr 2024 14:07

Instrument :

MSVOA_L

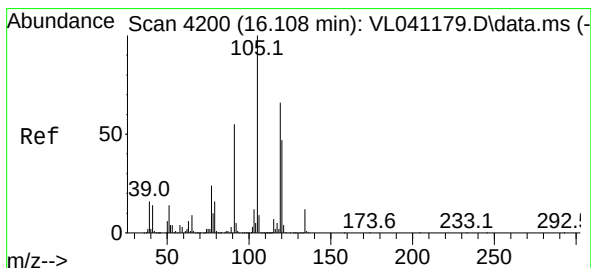
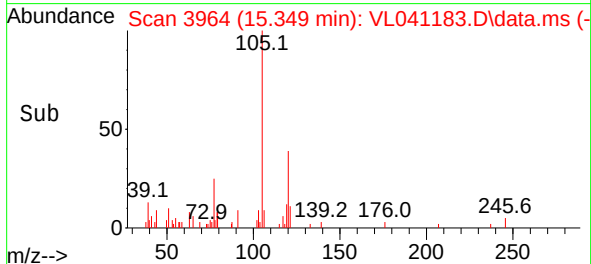
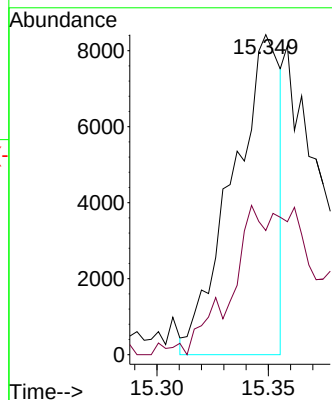
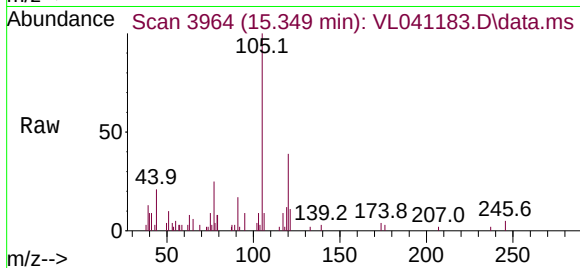
ClientSampleId :

Tgt Ion:105 Resp: 12444

Ion Ratio Lower Upper

105 100

120 37.2 37.0 55.4



#74

1,2,4-Trimethylbenzene

Concen: 0.040 ppbv

RT: 16.104 min Scan# 4199

Delta R.T. -0.003 min

Lab File: VL041183.D

Acq: 29 Apr 2024 14:07

Tgt Ion:105 Resp: 11487

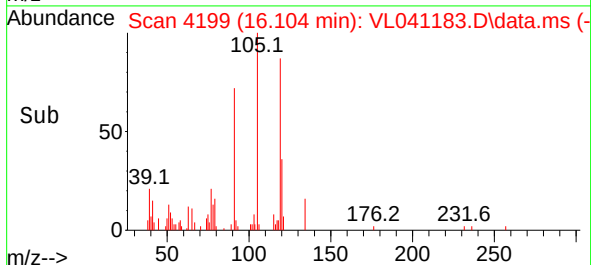
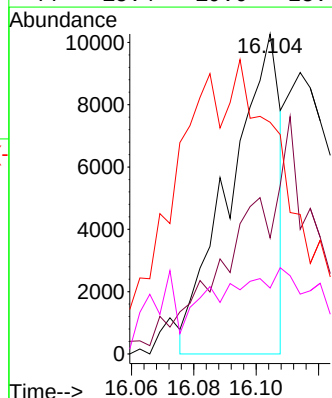
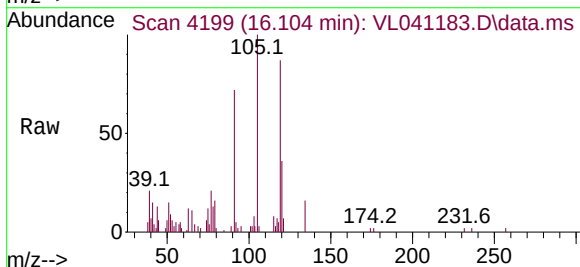
Ion Ratio Lower Upper

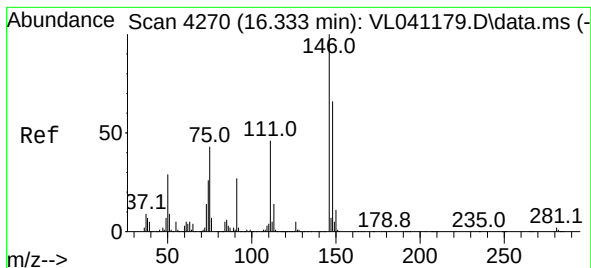
105 100

120 25.0 37.8 56.6#

91 6.9 44.3 66.5#

77 15.4 19.0 28.4#





#75

1,3-Dichlorobenzene

Concen: 0.023 ppbv

RT: 16.333 min Scan# 41

Delta R.T. -0.000 min

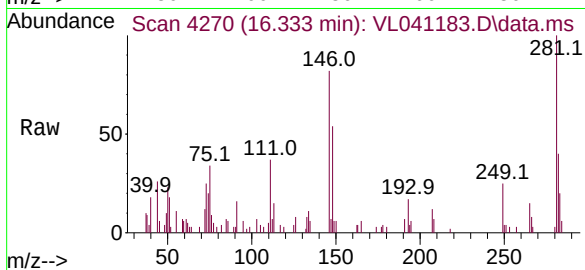
Lab File: VL041183.D

Acq: 29 Apr 2024 14:07

Instrument :

MSVOA_L

ClientSampleId :



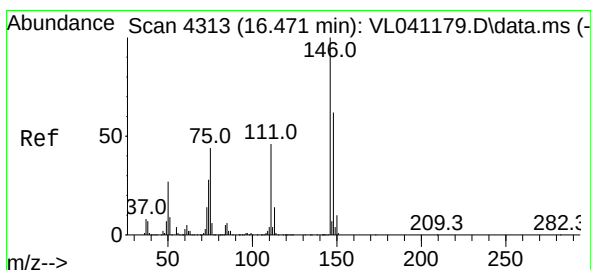
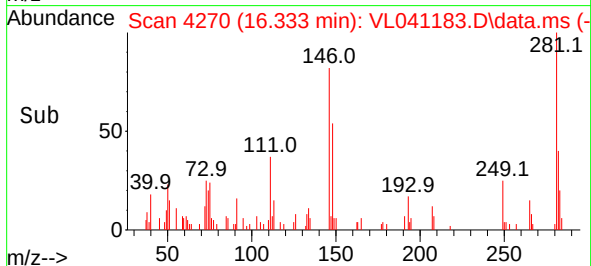
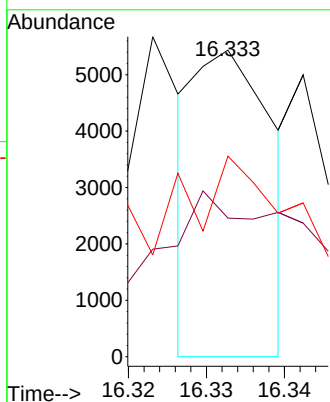
Tgt Ion:146 Resp: 3725

Ion Ratio Lower Upper

146 100

111 229.8 23.7 71.1#

148 270.7 32.5 97.4#



#76

1,4-Dichlorobenzene

Concen: 0.035 ppbv

RT: 16.468 min Scan# 4312

Delta R.T. -0.003 min

Lab File: VL041183.D

Acq: 29 Apr 2024 14:07

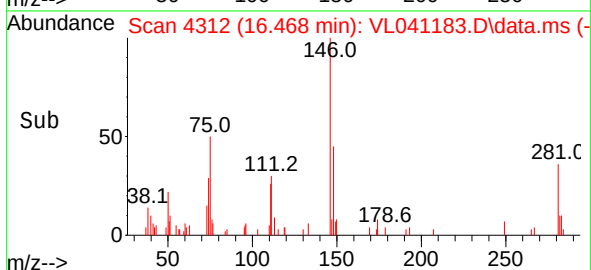
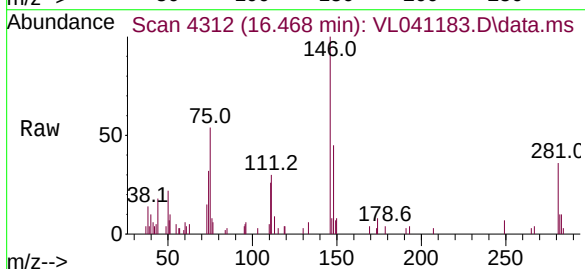
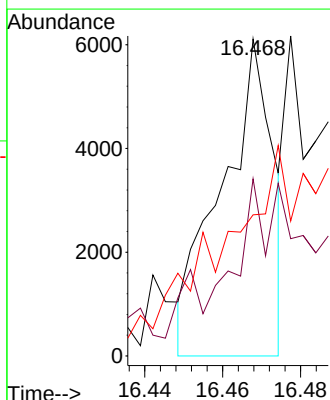
Tgt Ion:146 Resp: 5606

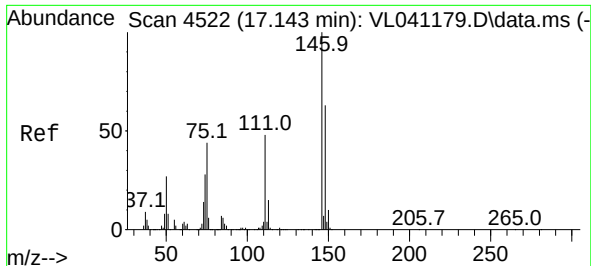
Ion Ratio Lower Upper

146 100

111 152.5 23.3 69.8#

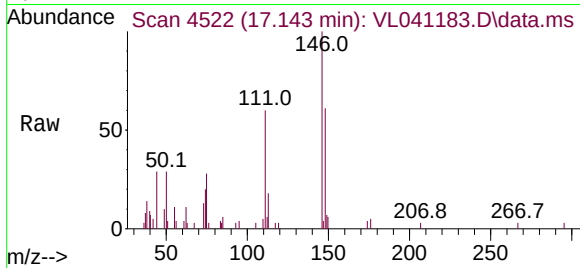
148 0.0 32.6 97.7#



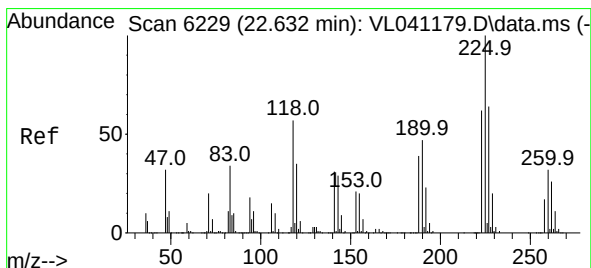
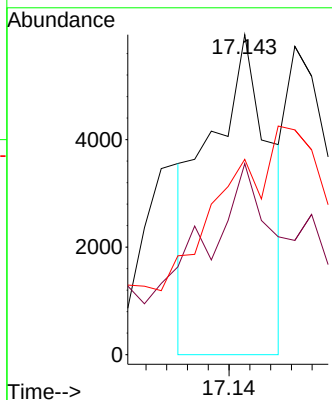
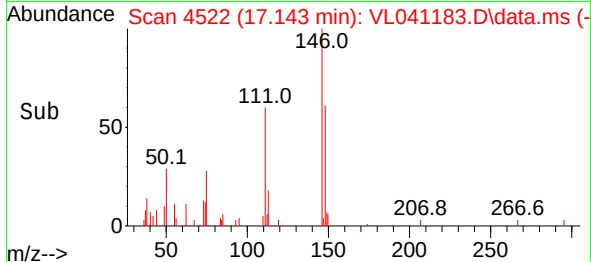


#77
1,2-Dichlorobenzene
Concen: 0.030 ppbv
RT: 17.143 min Scan# 4522
Delta R.T. -0.000 min
Lab File: VL041183.D
Acq: 29 Apr 2024 14:07

Instrument :
MSVOA_L
ClientSampleId :

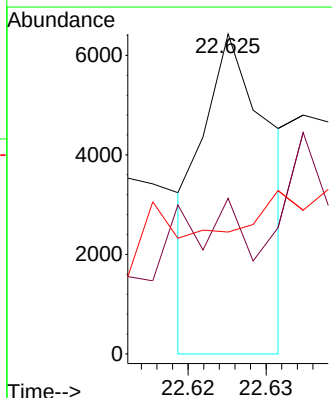
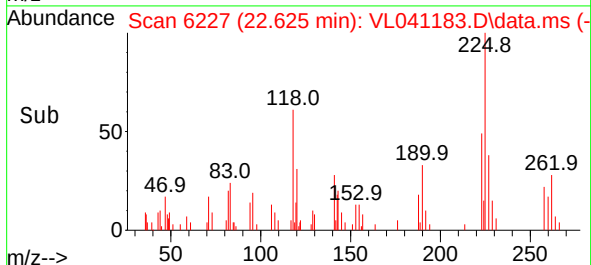
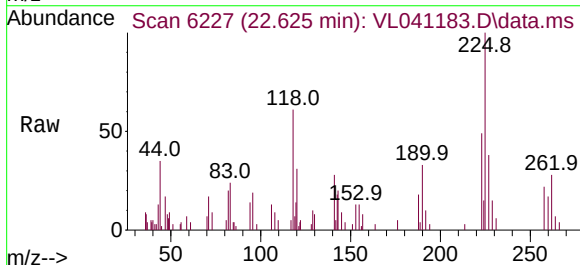


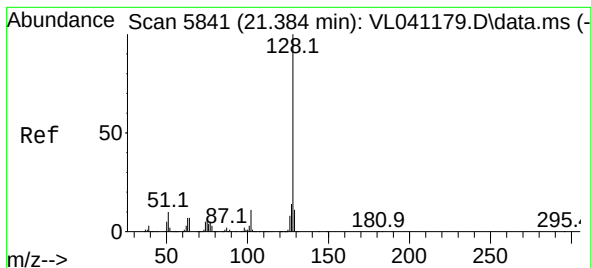
Tgt Ion:146 Resp: 4960
Ion Ratio Lower Upper
146 100
111 153.1 24.5 73.5#
148 0.0 32.6 98.0#



#78
Hexachloro-1,3-Butadiene
Concen: 0.027 ppbv
RT: 22.625 min Scan# 6227
Delta R.T. -0.007 min
Lab File: VL041183.D
Acq: 29 Apr 2024 14:07

Tgt Ion:225 Resp: 3898
Ion Ratio Lower Upper
225 100
223 0.0 50.9 76.3#
227 0.0 52.0 78.0#





#79

Naphthalene

Concen: 0.013 ppbv

RT: 21.378 min Scan# 5839

Delta R.T. -0.007 min

Lab File: VL041183.D

Acq: 29 Apr 2024 14:07

Instrument :

MSVOA_L

ClientSampleId :

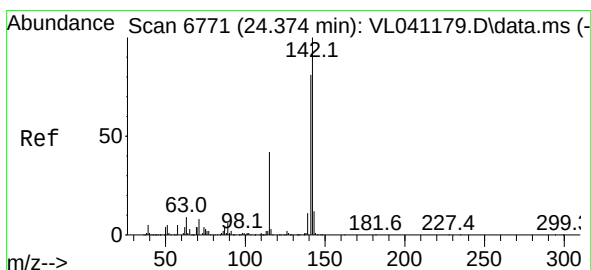
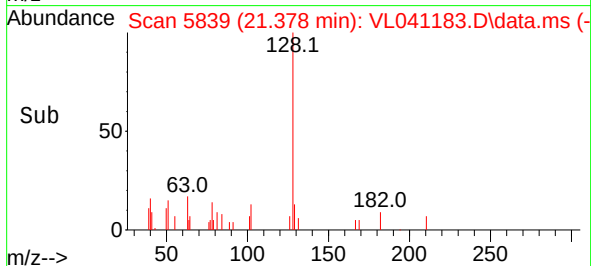
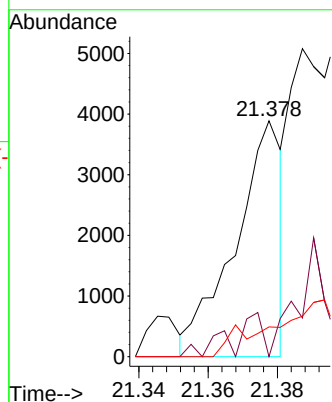
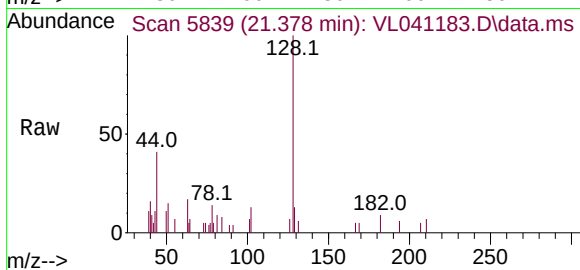
Tgt Ion:128 Resp: 3635

Ion Ratio Lower Upper

128 100

127 0.0 10.8 16.2#

129 13.9 8.9 13.3#



#80

Naphthalene,2-methyl-

Concen: 0.001 ppbv

RT: 24.201 min Scan# 6717

Delta R.T. -0.174 min

Lab File: VL041183.D

Acq: 29 Apr 2024 14:07

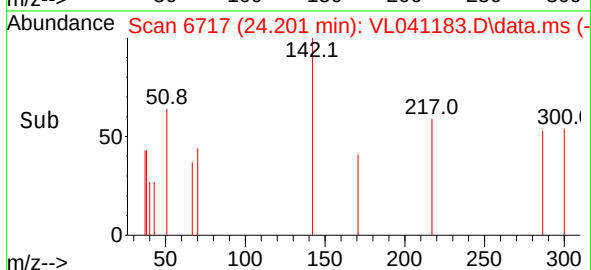
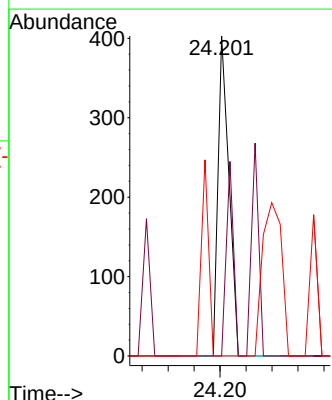
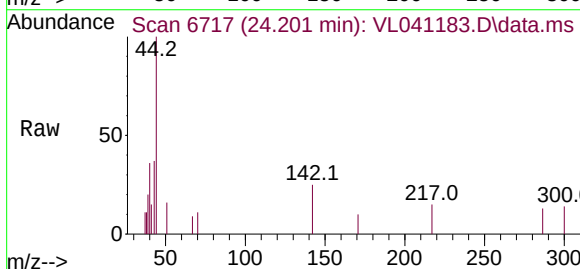
Tgt Ion:142 Resp: 117

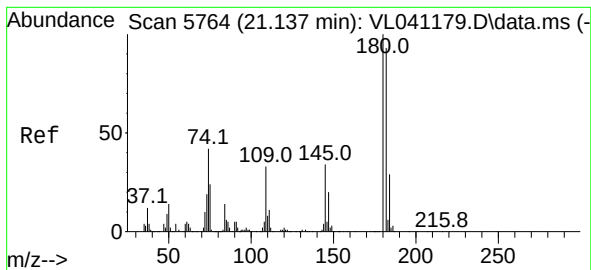
Ion Ratio Lower Upper

142 100

141 84.6 67.9 101.9

115 41.0 31.4 47.0





#81

1,2,4-Trichlorobenzene

Concen: 0.027 ppbv

RT: 21.140 min Scan# 51

Delta R.T. 0.003 min

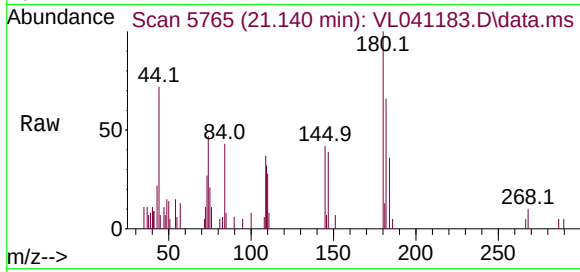
Lab File: VL041183.D

Acq: 29 Apr 2024 14:07

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:180 Resp: 4003

Ion Ratio Lower Upper

180 100

182 0.0 77.2 115.8#

184 0.0 24.6 36.8#

