

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110724\
 Data File : VL041677.D
 Acq On : 7 Nov 2024 12:13
 Operator : SY/MD
 Sample : VSTDICC0.5
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Nov 08 00:11:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110724AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Nov 08 00:07:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.189	49	1153970	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.648	114	3232256	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	2900644	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.777	95	2213310	10.318	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.200%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.726	85	96069	0.461	ppbv	100
3) Chlorodifluoromethane	2.671	51	81180	0.540	ppbv	99
4) Chloromethane	2.809	50	41203	0.517	ppbv #	86
5) Vinyl Chloride	2.915	62	36174	0.501	ppbv	97
6) Bromomethane	3.118	94	19426	0.511	ppbv #	79
7) Chloroethane	3.192	64	13079	0.500	ppbv	90
8) Dichlorotetrafluoroethane	2.854	85	102861	0.552	ppbv	97
9) Propene	2.690	41	32642	0.498	ppbv	96
10) Heptane	7.578	43	63040	0.429	ppbv	99
11) Trichlorofluoromethane	3.558	101	92855	0.511	ppbv	89
12) 1,1,2-Trichlorotrifluo...	4.063	101	67243	0.509	ppbv	96
13) Ethanol	3.256	45	1137	0.279	ppbv #	1
14) Bromoethene	3.362	108	28054	0.528	ppbv #	88
15) Acetone	3.481	43	69299	0.488	ppbv #	85
16) 1,3-Butadiene	2.983	39	33737	0.474	ppbv	88
17) tert-Butyl alcohol	3.890	59	61100	0.490	ppbv #	93
18) 1,1-Dichloroethene	3.877	96	30772	0.531	ppbv	97
19) Isopropyl Alcohol	3.597	45	25362	0.369	ppbv #	75
20) Methylene Chloride	3.928	84	29673	0.568	ppbv	97
21) Allyl Chloride	3.993	41	39722	0.453	ppbv	86
22) trans-1,2-Dichloroethene	4.439	96	27393	0.474	ppbv	96
23) Vinyl Acetate	4.629	43	24529	0.367	ppbv #	79
24) 1,1-Dichloroethane	4.562	63	61980	0.482	ppbv	99
25) Ethyl Acetate	5.211	43	140929	0.479	ppbv #	98
26) Hexane	5.211	57	50843	0.450	ppbv	81
27) Carbon Disulfide	4.121	76	52791	0.416	ppbv #	86
28) Methyl tert-Butyl Ether	4.594	73	34128	0.469	ppbv	96
29) Chloroform	5.266	83	98787	0.530	ppbv	93
30) Cyclohexane	6.600	84	33080	0.365	ppbv #	85
31) cis-1,2-Dichloroethene	5.076	61	50385	0.464	ppbv	94
32) 1,1,1-Trichloroethane	5.999	97	84699	0.496	ppbv	96
34) 2-Butanone	4.796	43	78940	0.490	ppbv	99
35) Carbon Tetrachloride	6.488	117	49670	0.291	ppbv	92
36) Benzene	6.362	78	107078	0.447	ppbv	97
37) 1,2-Dichloroethane	5.803	62	64024	0.474	ppbv	97
38) Trichloroethene	7.291	130	42598	0.461	ppbv #	90
39) 1,2-Dichloropropane	7.070	63	44946	0.475	ppbv	93
40) 1,4-Dioxane	7.291	88	145	0.004	ppbv #	1
41) Tetrahydrofuran	5.574	42	18151	0.198	ppbv #	42
42) Bromodichloromethane	7.246	83	86164	0.459	ppbv	97
43) Methyl Methacrylate	7.475	69	29969	0.356	ppbv	89
44) 2,2,4-Trimethylpentane	7.327	57	175510	0.433	ppbv	93
45) t-1,3-Dichloropropene	8.709	75	22287	0.296	ppbv	92

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 Acq On : 7 Nov 2024 12:13
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 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

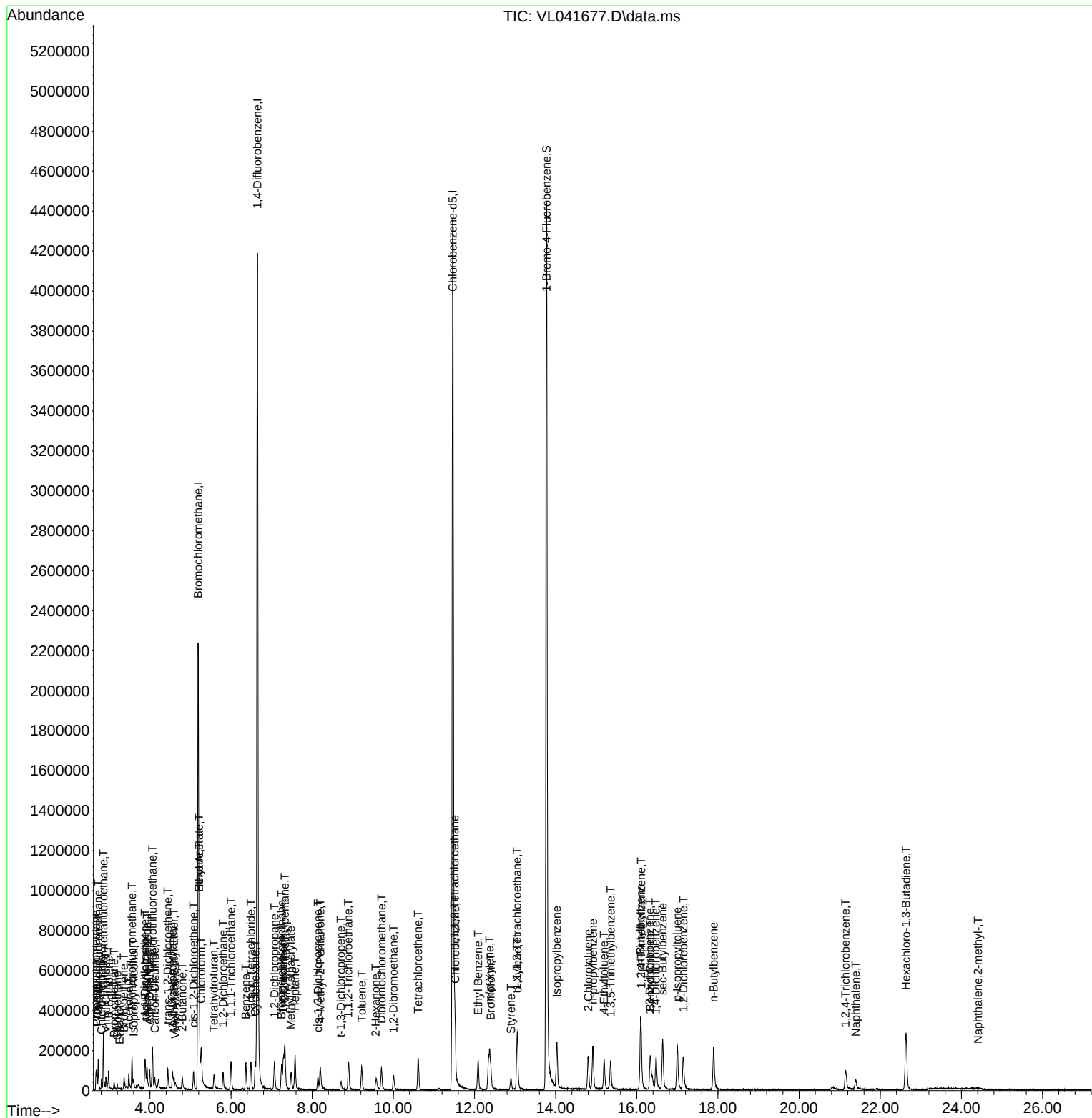
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 ClientSampleId :

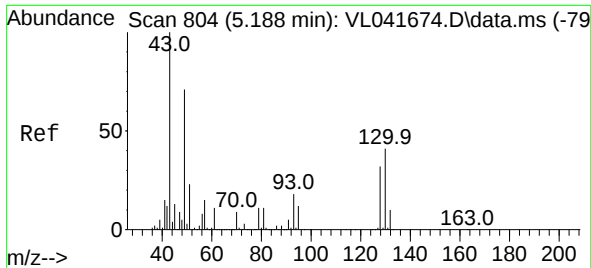
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110724AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Nov 08 00:07:44 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.143	75	33612	0.308	ppbv	98
47) 1,1,2-Trichloroethane	8.889	97	30507	0.299	ppbv	96
48) Dibromochloromethane	9.709	129	64053	0.411	ppbv	99
49) Bromoform	12.401	173	28465	0.214	ppbv #	27
50) 4-Methyl-2-Pentanone	8.198	43	90923	0.368	ppbv	98
51) 2-Hexanone	9.565	43	16978	0.095	ppbv #	31
52) Tetrachloroethene	10.610	164	29917	0.365	ppbv	89
53) Toluene	9.221	91	90468	0.359	ppbv	99
54) 1,2-Dibromoethane	10.002	107	25474	0.214	ppbv	87
56) 1,1,1,2-Tetrachloroethane	11.510	131	61817	0.512	ppbv #	1
57) Chlorobenzene	11.529	112	42625	0.197	ppbv	98
58) Ethyl Benzene	12.089	91	68854	0.214	ppbv	96
59) m/p-Xylene	12.372	91	100159	0.348	ppbv #	4
60) o-Xylene	13.060	91	111856	0.408	ppbv	99
61) Styrene	12.899	104	33155	0.293	ppbv	94
62) Isopropylbenzene	14.031	105	187478	0.443	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.050	83	100534	0.503	ppbv	96
64) n-propylbenzene	14.921	120	27038	0.244	ppbv #	1
65) tert-Butylbenzene	16.092	119	162846	0.428	ppbv	95
66) Benzyl Chloride	16.330	91	2089	0.076	ppbv #	58
67) sec-Butylbenzene	16.638	105	230007	0.429	ppbv	100
69) p-Isopropyltoluene	16.995	119	169014	0.389	ppbv	95
70) n-Butylbenzene	17.892	91	158268	0.356	ppbv	98
71) 2-Chlorotoluene	14.802	91	122982	0.401	ppbv	100
72) 4-Ethyltoluene	15.191	105	113592	0.356	ppbv #	93
73) 1,3,5-Trimethylbenzene	15.355	105	69729	0.250	ppbv	99
74) 1,2,4-Trimethylbenzene	16.111	105	142178	0.437	ppbv #	87
75) 1,3-Dichlorobenzene	16.323	146	33527	0.167	ppbv #	23
76) 1,4-Dichlorobenzene	16.468	146	6516	0.033	ppbv #	23
77) 1,2-Dichlorobenzene	17.146	146	93228	0.468	ppbv	94
78) Hexachloro-1,3-Butadiene	22.638	225	65313	0.414	ppbv #	73
79) Naphthalene	21.397	128	36894	0.185	ppbv #	94
80) Naphthalene,2-methyl-	24.410	142	11292	0.304	ppbv #	62
81) 1,2,4-Trichlorobenzene	21.143	180	18569	0.149	ppbv #	1

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

Quant Time: Nov 08 00:11:14 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110724AIR.M
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QLast Update : Fri Nov 08 00:07:44 2024
Response via : Initial Calibration

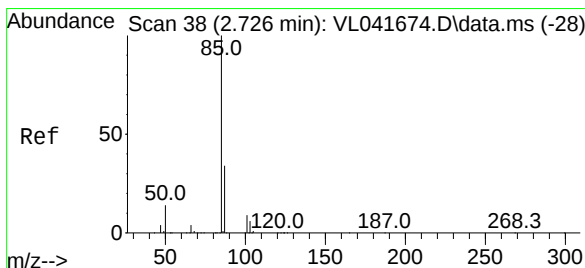
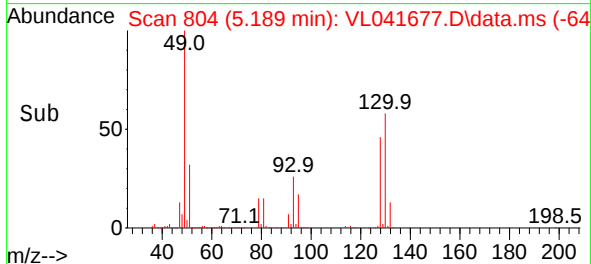
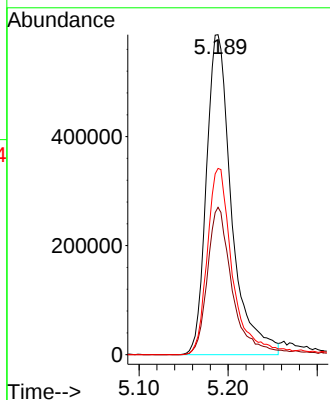
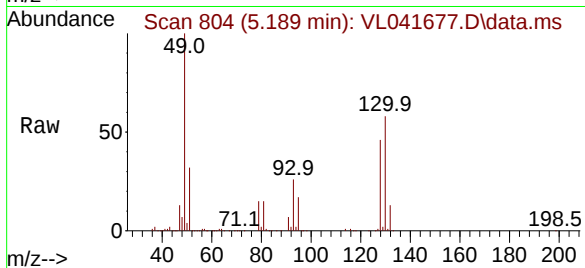




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.189 min Scan# 80
 Delta R.T. 0.001 min
 Lab File: VL041677.D
 Acq: 7 Nov 2024 12:13

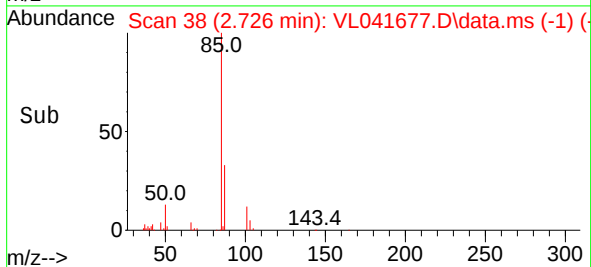
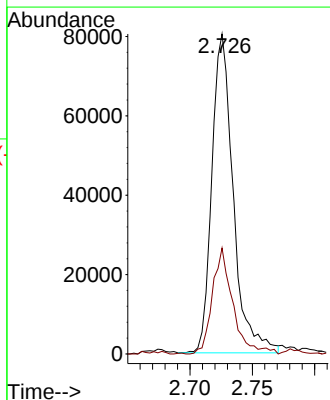
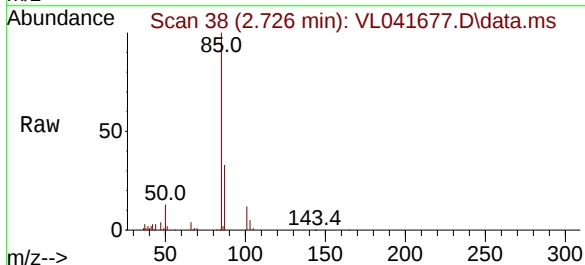
Instrument :
 MSVOA_L
 ClientSampleId :

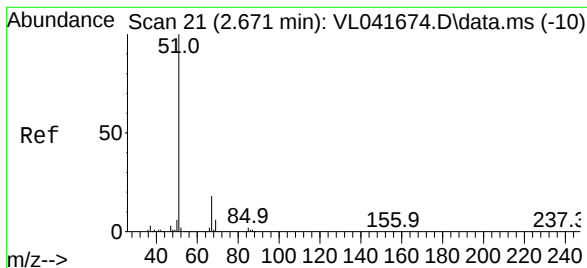
Tgt Ion: 49 Resp: 1153970
 Ion Ratio Lower Upper
 49 100
 128 47.2 23.8 71.2
 130 59.9 30.1 90.5



#2
 Dichlorodifluoromethane
 Concen: 0.461 ppbv
 RT: 2.726 min Scan# 38
 Delta R.T. 0.000 min
 Lab File: VL041677.D
 Acq: 7 Nov 2024 12:13

Tgt Ion: 85 Resp: 96069
 Ion Ratio Lower Upper
 85 100
 87 33.2 26.8 40.2

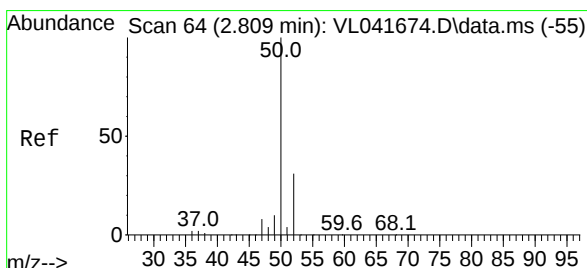
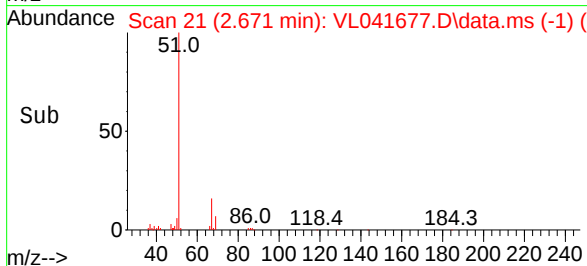
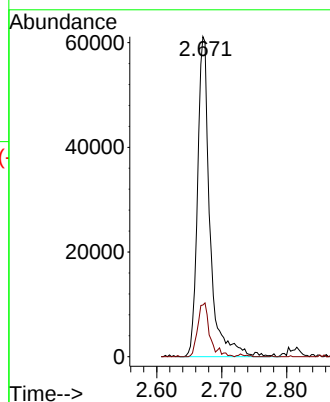
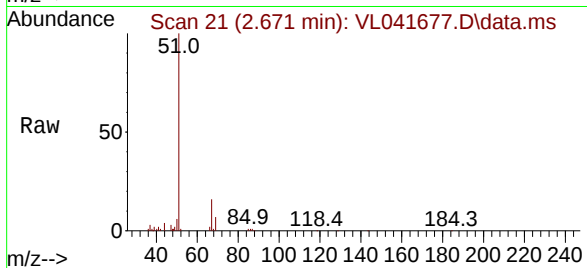




#3
Chlorodifluoromethane
Concen: 0.540 ppbv
RT: 2.671 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL041677.D
Acq: 7 Nov 2024 12:13

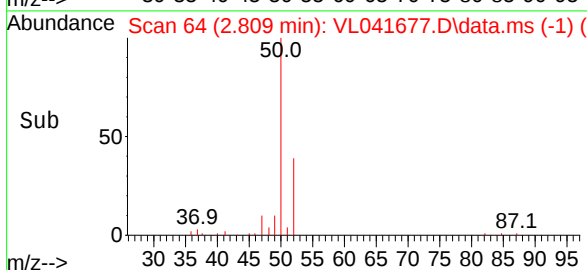
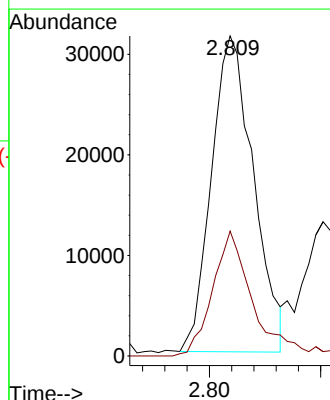
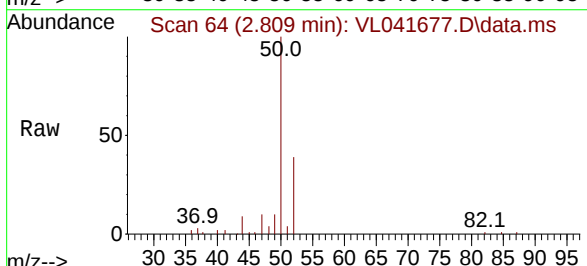
Instrument :
MSVOA_L
ClientSampleId :

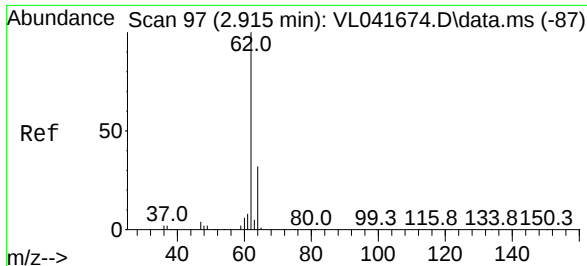
Tgt Ion: 51 Resp: 81180
Ion Ratio Lower Upper
51 100
67 16.8 13.9 20.9



#4
Chloromethane
Concen: 0.517 ppbv
RT: 2.809 min Scan# 64
Delta R.T. 0.000 min
Lab File: VL041677.D
Acq: 7 Nov 2024 12:13

Tgt Ion: 50 Resp: 41203
Ion Ratio Lower Upper
50 100
52 38.9 24.9 37.3#

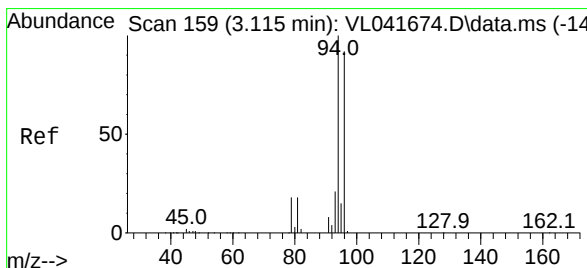
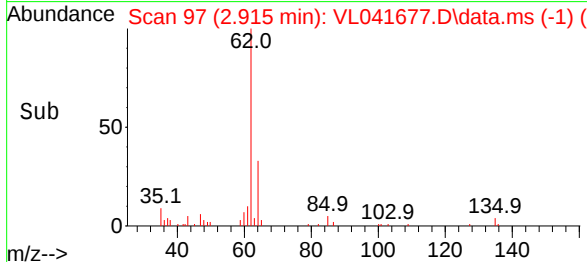
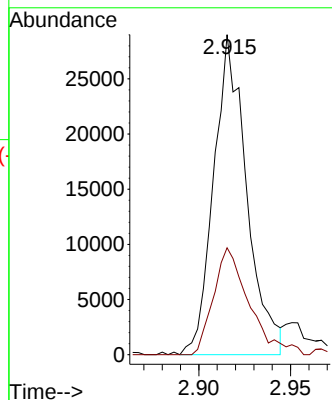
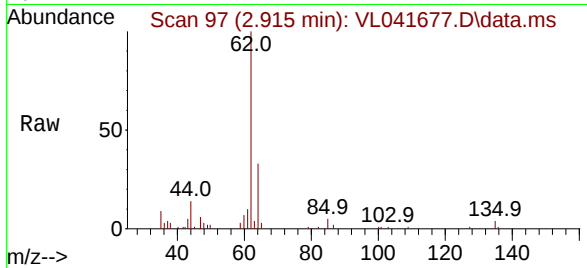




#5
 Vinyl Chloride
 Concen: 0.501 ppbv
 RT: 2.915 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VL041677.D
 Acq: 7 Nov 2024 12:13

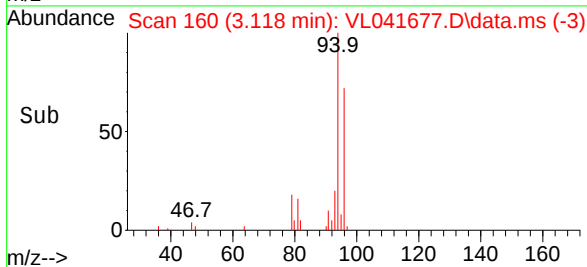
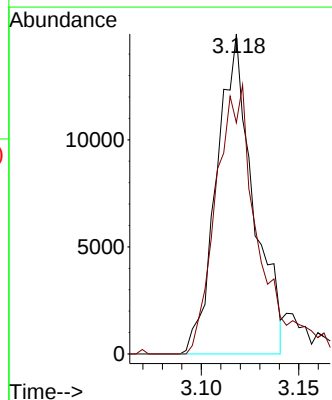
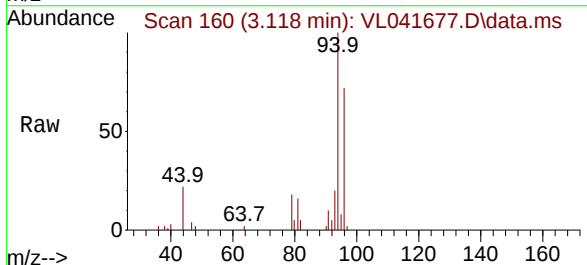
Instrument :
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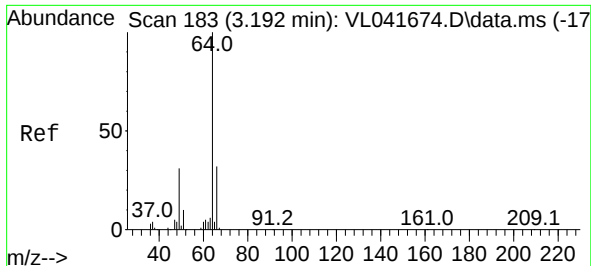
Tgt Ion: 62 Resp: 36174
 Ion Ratio Lower Upper
 62 100
 64 33.4 25.4 38.2



#6
 Bromomethane
 Concen: 0.511 ppbv
 RT: 3.118 min Scan# 160
 Delta R.T. 0.003 min
 Lab File: VL041677.D
 Acq: 7 Nov 2024 12:13

Tgt Ion: 94 Resp: 19426
 Ion Ratio Lower Upper
 94 100
 96 72.2 73.4 110.2#

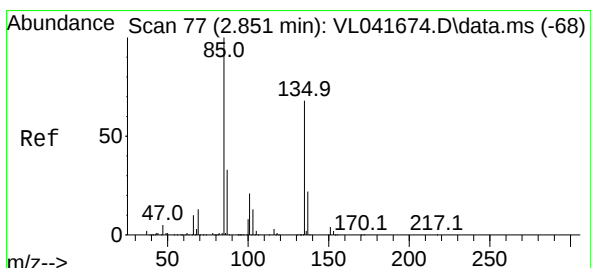
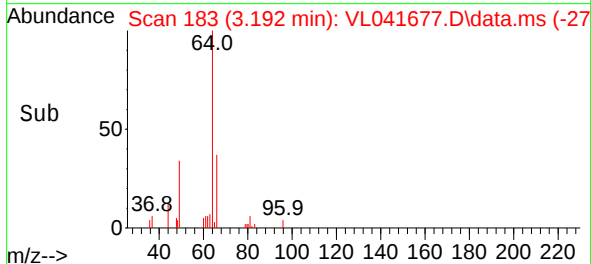
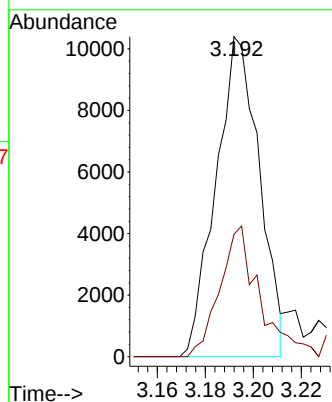
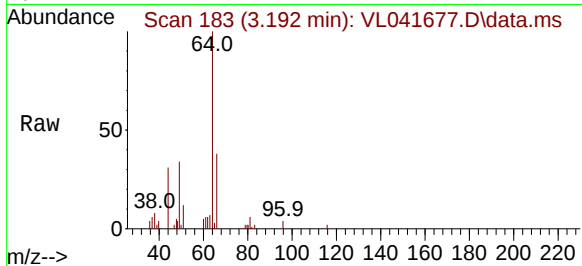




#7
Chloroethane
Concen: 0.500 ppbv
RT: 3.192 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL041677.D
Acq: 7 Nov 2024 12:13

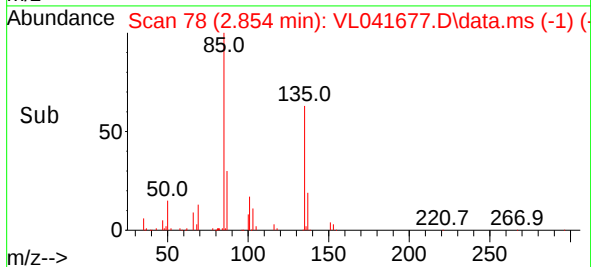
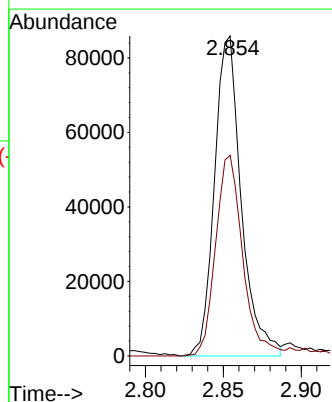
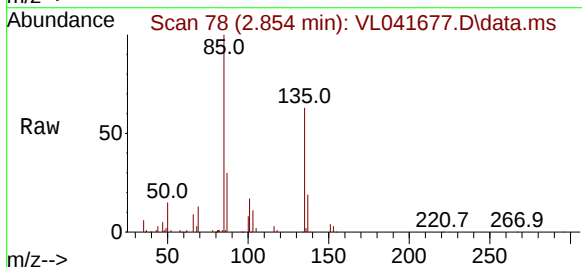
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ClientSampleId :

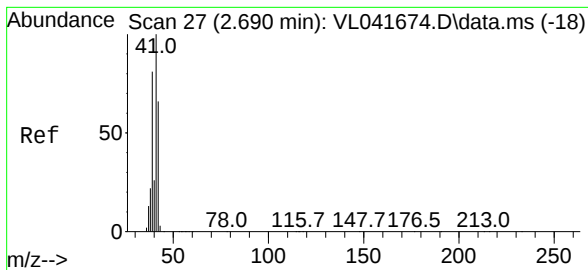
Tgt Ion: 64 Resp: 13079
Ion Ratio Lower Upper
64 100
66 38.3 25.9 38.9



#8
Dichlorotetrafluoroethane
Concen: 0.552 ppbv
RT: 2.854 min Scan# 78
Delta R.T. 0.003 min
Lab File: VL041677.D
Acq: 7 Nov 2024 12:13

Tgt Ion: 85 Resp: 102861
Ion Ratio Lower Upper
85 100
135 67.0 55.5 83.3





#9

Propene

Concen: 0.498 ppbv

RT: 2.690 min Scan# 21

Delta R.T. 0.000 min

Lab File: VL041677.D

Acq: 7 Nov 2024 12:13

Instrument :

MSVOA_L

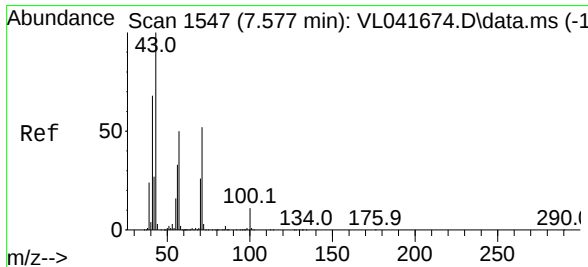
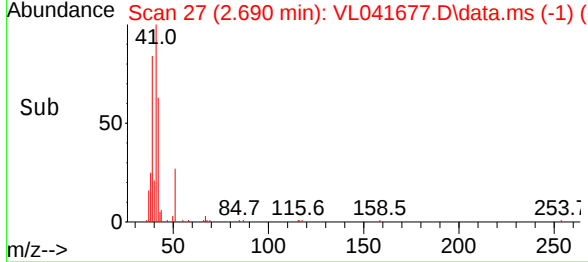
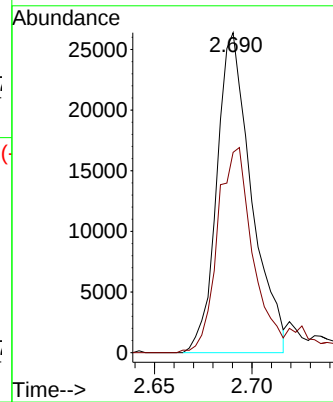
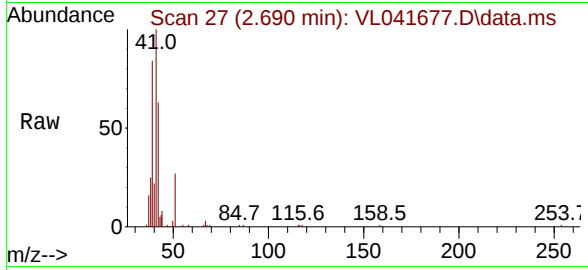
ClientSampleId :

Tgt Ion: 41 Resp: 32642

Ion Ratio Lower Upper

41 100

42 72.3 55.0 82.4



#10

Heptane

Concen: 0.429 ppbv

RT: 7.578 min Scan# 1547

Delta R.T. 0.000 min

Lab File: VL041677.D

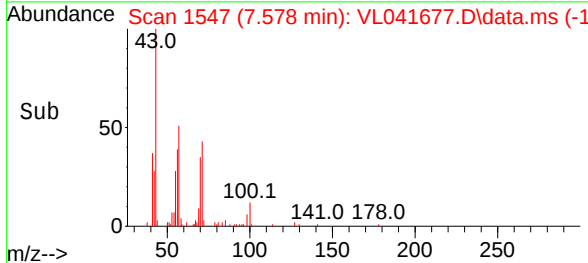
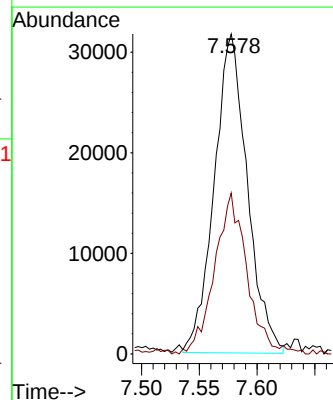
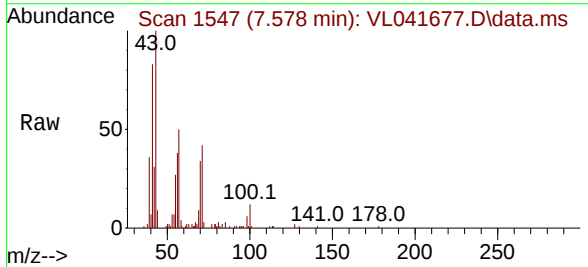
Acq: 7 Nov 2024 12:13

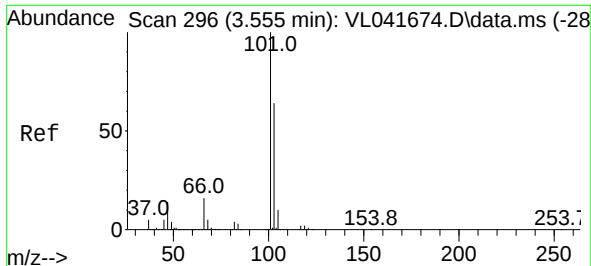
Tgt Ion: 43 Resp: 63040

Ion Ratio Lower Upper

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57 50.4 40.0 60.0

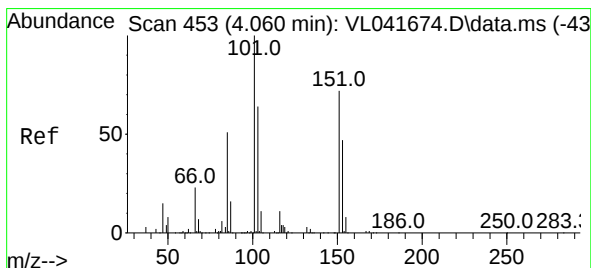
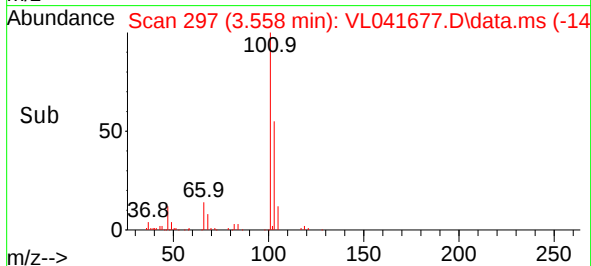
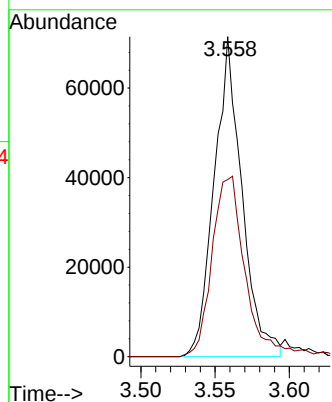
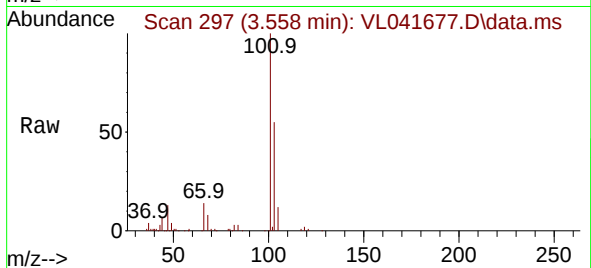




#11
 Trichlorofluoromethane
 Concen: 0.511 ppbv
 RT: 3.558 min Scan# 20
 Delta R.T. 0.003 min
 Lab File: VL041677.D
 Acq: 7 Nov 2024 12:13

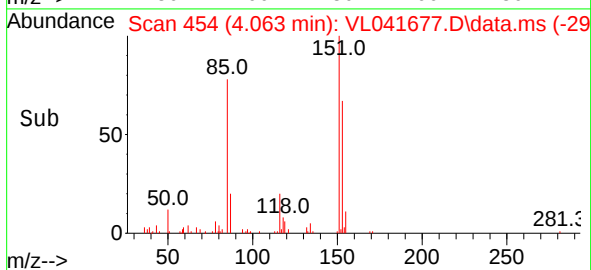
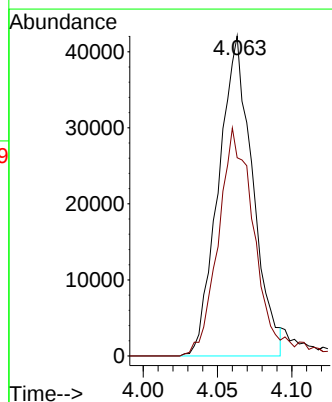
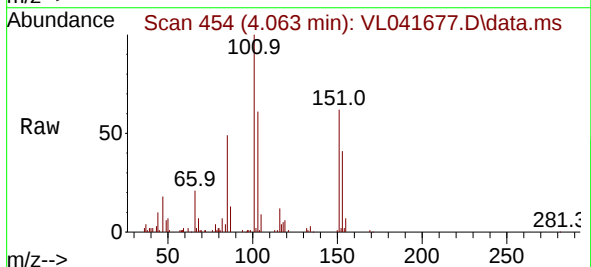
Instrument :
 MSVOA_L
 ClientSampleId :

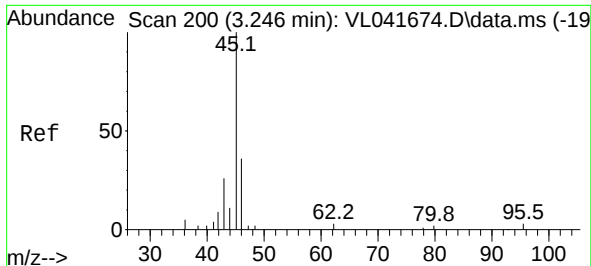
Tgt Ion:101 Resp: 92855
 Ion Ratio Lower Upper
 101 100
 103 55.4 51.0 76.6



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.509 ppbv
 RT: 4.063 min Scan# 454
 Delta R.T. 0.003 min
 Lab File: VL041677.D
 Acq: 7 Nov 2024 12:13

Tgt Ion:101 Resp: 67243
 Ion Ratio Lower Upper
 101 100
 151 77.5 59.1 88.7





#13

Ethanol

Concen: 0.279 ppbv

RT: 3.256 min Scan# 20

Delta R.T. 0.010 min

Lab File: VL041677.D

Acq: 7 Nov 2024 12:13

Instrument :

MSVOA_L

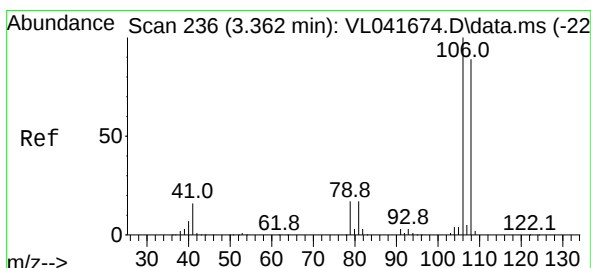
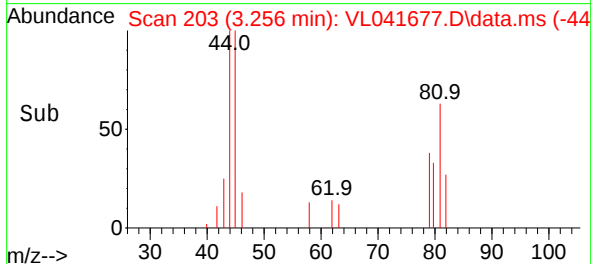
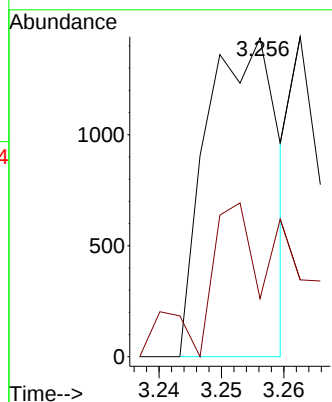
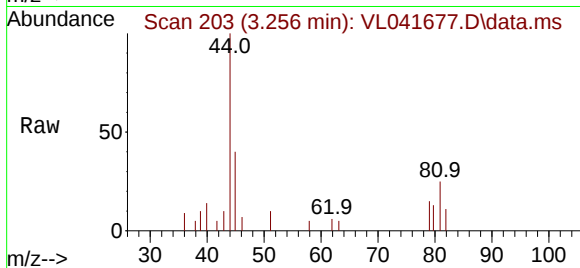
ClientSampleId :

Tgt Ion: 45 Resp: 1137

Ion Ratio Lower Upper

45 100

46 93.1 13.8 55.2#



#14

Bromoethene

Concen: 0.528 ppbv

RT: 3.362 min Scan# 236

Delta R.T. 0.000 min

Lab File: VL041677.D

Acq: 7 Nov 2024 12:13

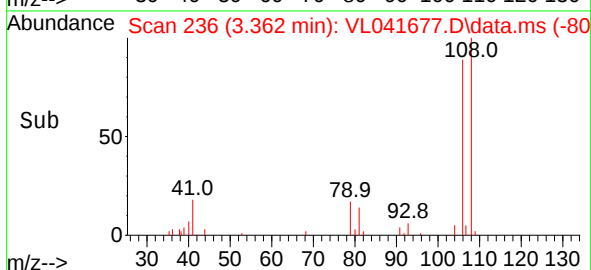
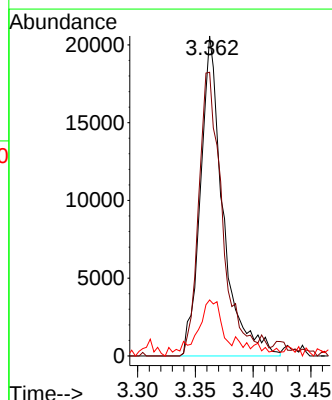
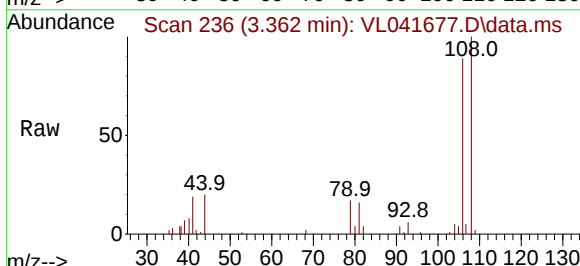
Tgt Ion:108 Resp: 28054

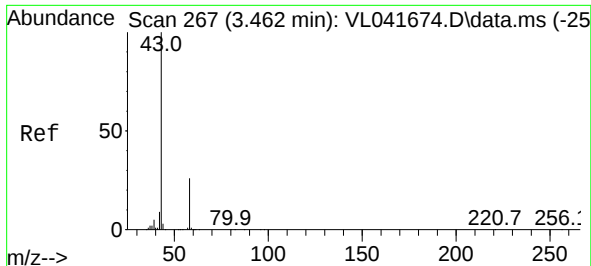
Ion Ratio Lower Upper

108 100

106 98.7 88.6 133.0

79 24.9 15.6 23.4#





#15

Acetone

Concen: 0.488 ppbv

RT: 3.481 min Scan# 21

Delta R.T. 0.019 min

Lab File: VL041677.D

Acq: 7 Nov 2024 12:13

Instrument :

MSVOA_L

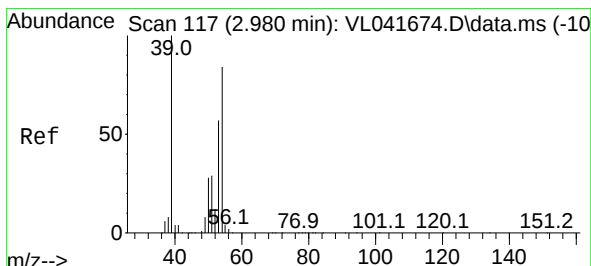
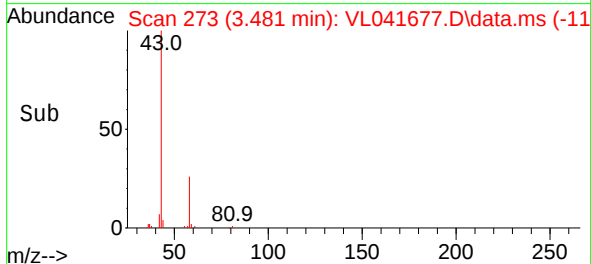
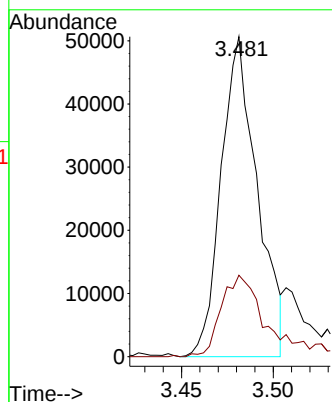
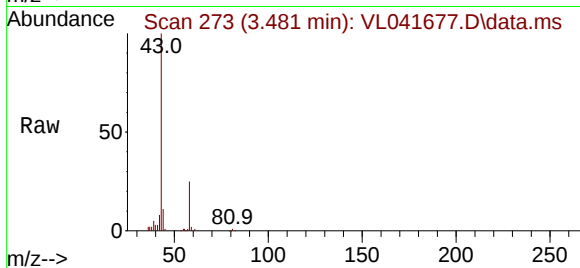
ClientSampleId :

Tgt Ion: 43 Resp: 69299

Ion Ratio Lower Upper

43 100

58 34.4 21.4 32.0#



#16

1,3-Butadiene

Concen: 0.474 ppbv

RT: 2.983 min Scan# 118

Delta R.T. 0.003 min

Lab File: VL041677.D

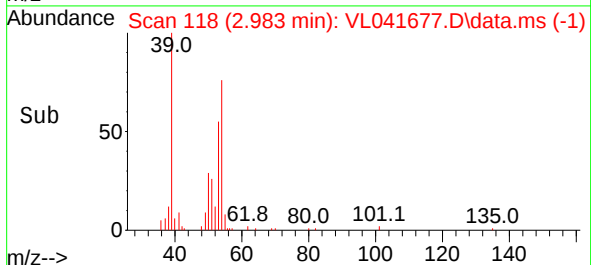
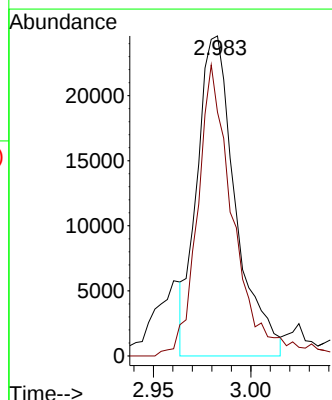
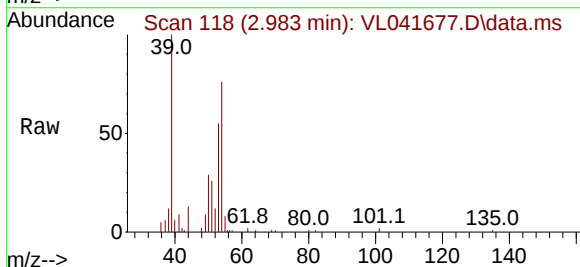
Acq: 7 Nov 2024 12:13

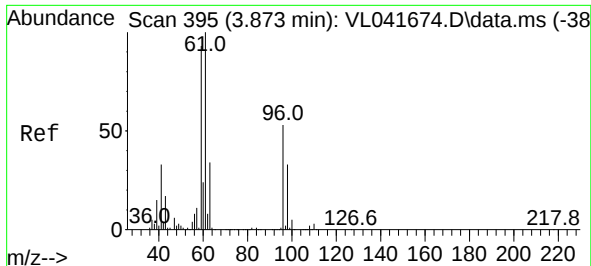
Tgt Ion: 39 Resp: 33737

Ion Ratio Lower Upper

39 100

54 86.9 61.3 91.9





#17

tert-Butyl alcohol

Concen: 0.490 ppbv

RT: 3.890 min Scan# 400

Delta R.T. 0.016 min

Lab File: VL041677.D

Acq: 7 Nov 2024 12:13

Instrument :

MSVOA_L

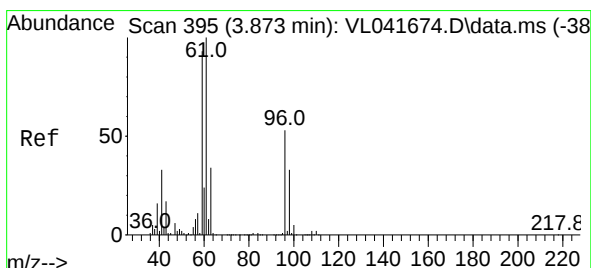
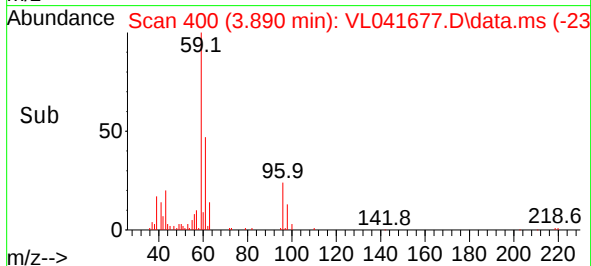
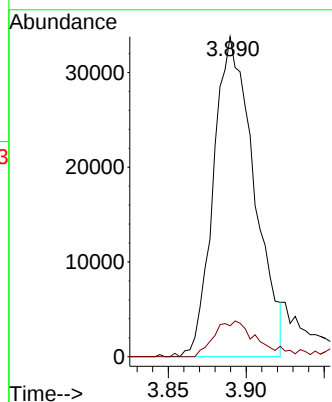
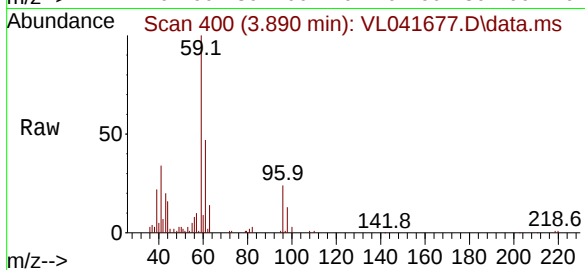
ClientSampleId :

Tgt Ion: 59 Resp: 61100

Ion Ratio Lower Upper

59 100

57 13.4 8.5 12.7#



#18

1,1-Dichloroethene

Concen: 0.531 ppbv

RT: 3.877 min Scan# 396

Delta R.T. 0.003 min

Lab File: VL041677.D

Acq: 7 Nov 2024 12:13

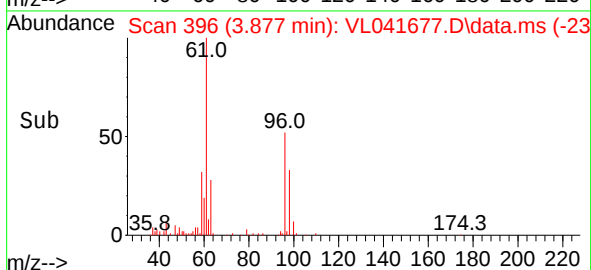
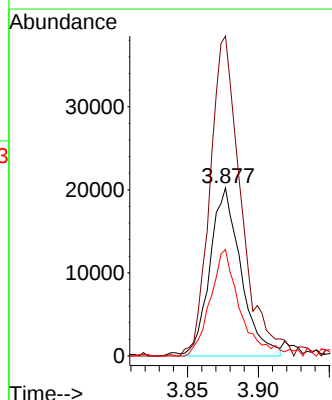
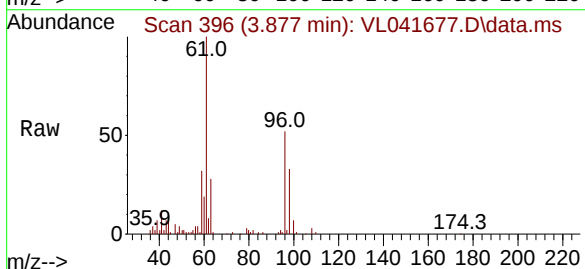
Tgt Ion: 96 Resp: 30772

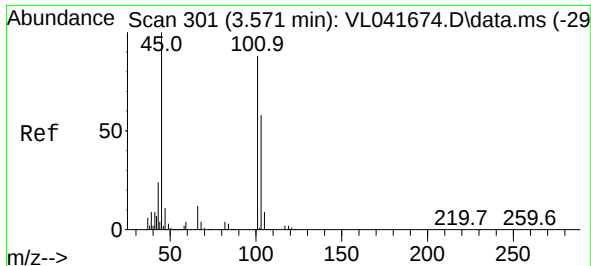
Ion Ratio Lower Upper

96 100

61 192.9 150.7 226.1

98 64.1 49.4 74.2





#19

Isopropyl Alcohol

Concen: 0.369 ppbv

RT: 3.597 min Scan# 301

Delta R.T. 0.026 min

Lab File: VL041677.D

Acq: 7 Nov 2024 12:13

Instrument :

MSVOA_L

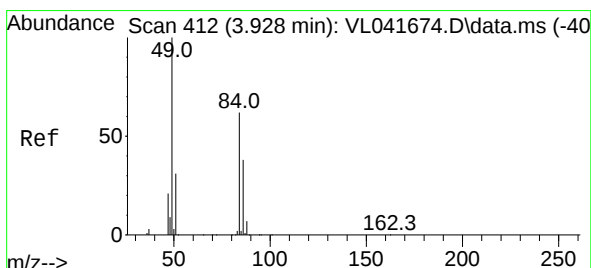
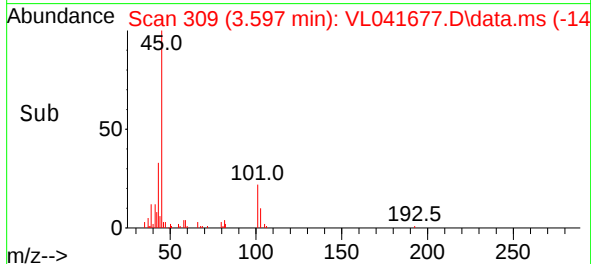
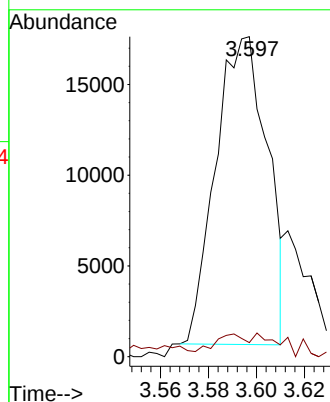
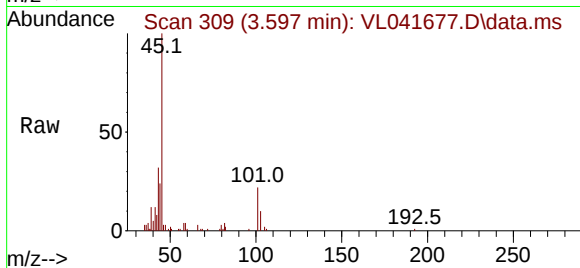
ClientSampleId :

Tgt Ion: 45 Resp: 25362

Ion Ratio Lower Upper

45 100

58 11.5 2.5 3.7#



#20

Methylene Chloride

Concen: 0.568 ppbv

RT: 3.928 min Scan# 412

Delta R.T. 0.000 min

Lab File: VL041677.D

Acq: 7 Nov 2024 12:13

Tgt Ion: 84 Resp: 29673

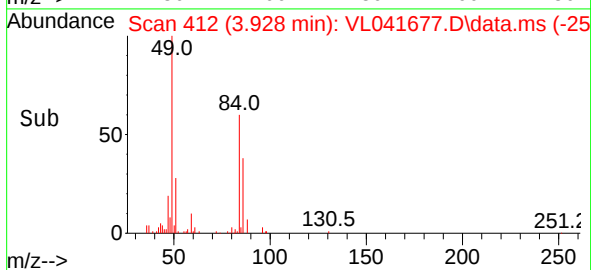
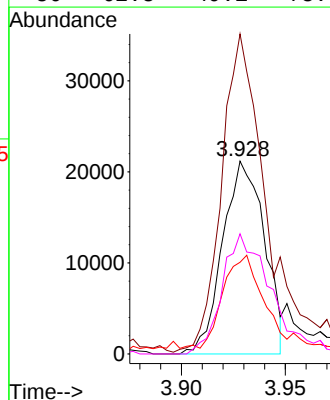
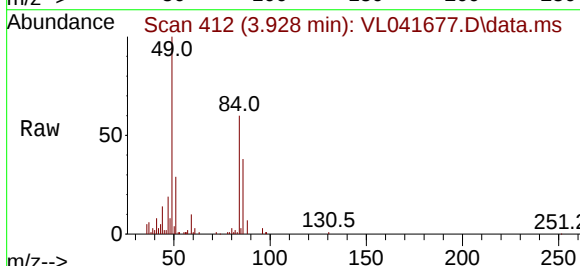
Ion Ratio Lower Upper

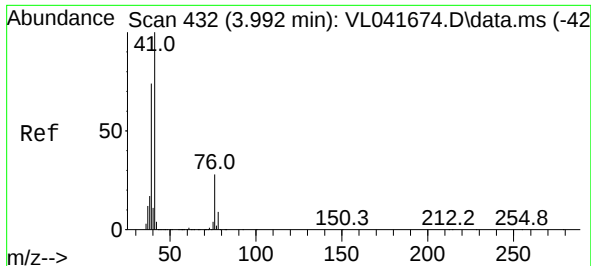
84 100

49 163.5 129.7 194.5

51 42.1 39.8 59.6

86 62.3 49.1 73.7





#21

Allyl Chloride

Concen: 0.453 ppbv

RT: 3.993 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL041677.D

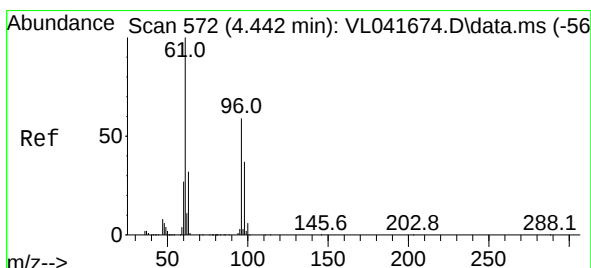
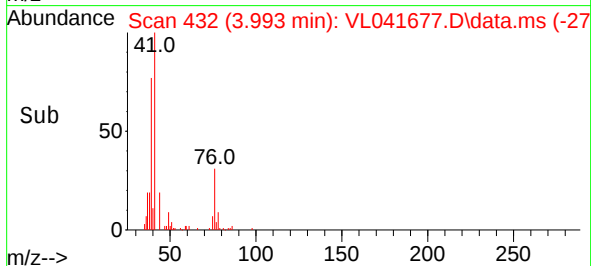
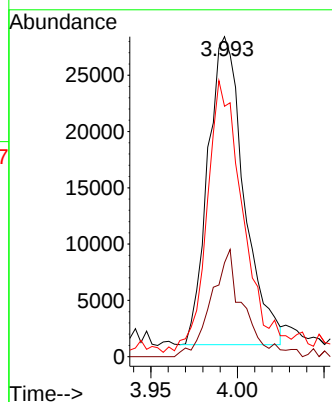
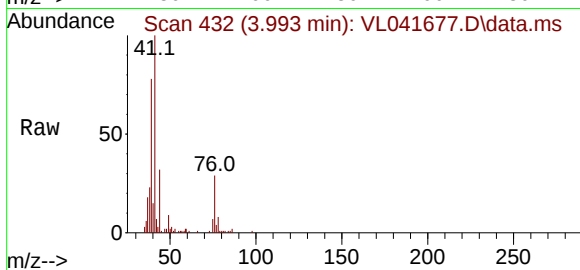
Acq: 7 Nov 2024 12:13

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 41	Resp: 39722
Ion Ratio	Lower Upper
41 100	
76 32.6	23.5 35.3
39 93.7	63.0 94.4



#22

trans-1,2-Dichloroethene

Concen: 0.474 ppbv

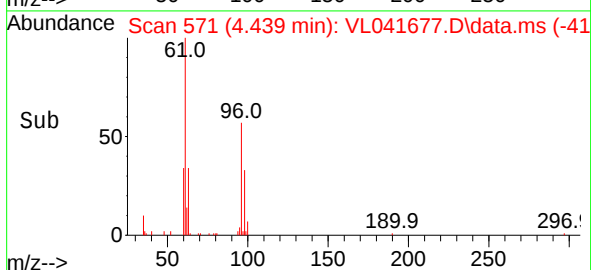
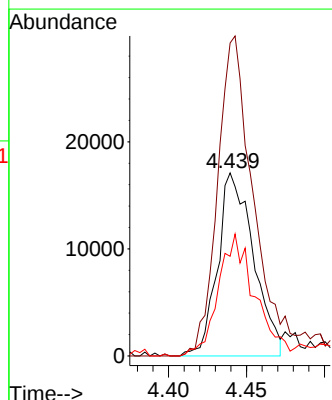
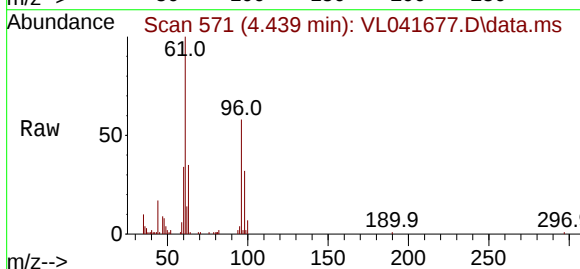
RT: 4.439 min Scan# 571

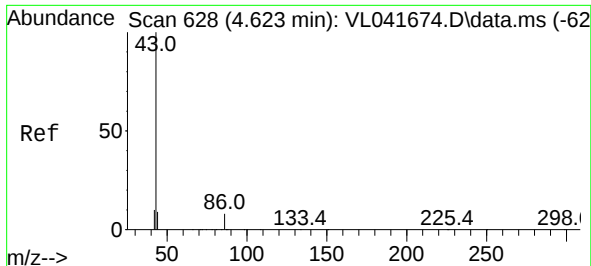
Delta R.T. -0.003 min

Lab File: VL041677.D

Acq: 7 Nov 2024 12:13

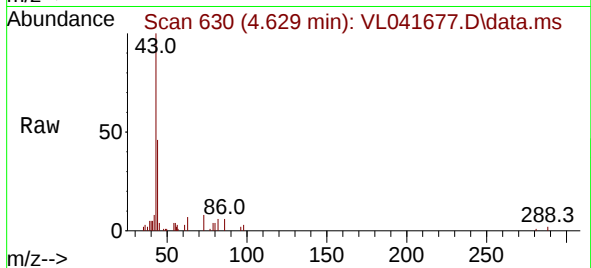
Tgt Ion: 96	Resp: 27393
Ion Ratio	Lower Upper
96 100	
61 171.0	134.5 201.7
98 54.4	49.6 74.4



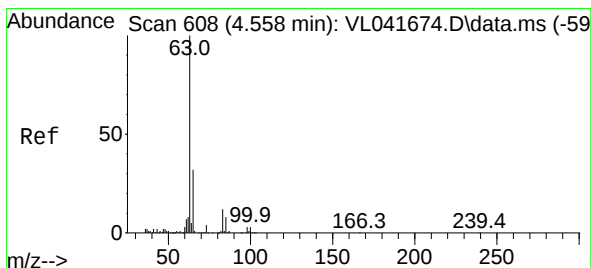
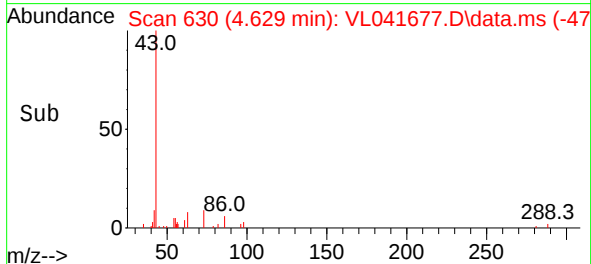
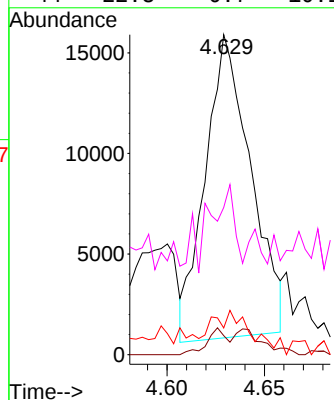


#23
 Vinyl Acetate
 Concen: 0.367 ppbv
 RT: 4.629 min Scan# 609
 Delta R.T. 0.007 min
 Lab File: VL041677.D
 Acq: 7 Nov 2024 12:13

Instrument :
 MSVOA_L
 ClientSampleId :

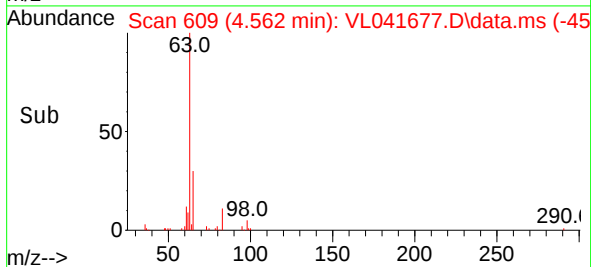
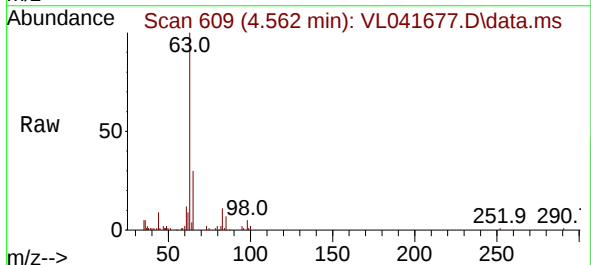
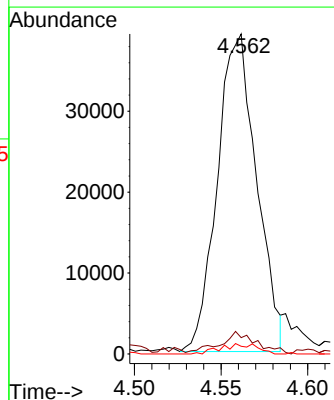


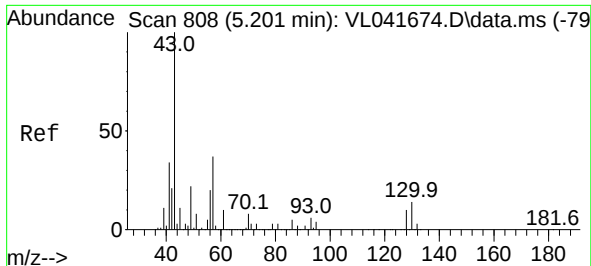
Tgt Ion:	43	Resp:	24529
Ion	Ratio	Lower	Upper
43	100		
86	7.2	5.3	7.9
42	3.7	8.5	12.7#
44	22.3	6.7	10.1#



#24
 1,1-Dichloroethane
 Concen: 0.482 ppbv
 RT: 4.562 min Scan# 609
 Delta R.T. 0.003 min
 Lab File: VL041677.D
 Acq: 7 Nov 2024 12:13

Tgt Ion:	63	Resp:	61980
Ion	Ratio	Lower	Upper
63	100		
98	3.8	1.8	5.4
100	2.4	1.4	4.2





#25

Ethyl Acetate

Concen: 0.479 ppbv

RT: 5.211 min Scan# 811

Delta R.T. 0.010 min

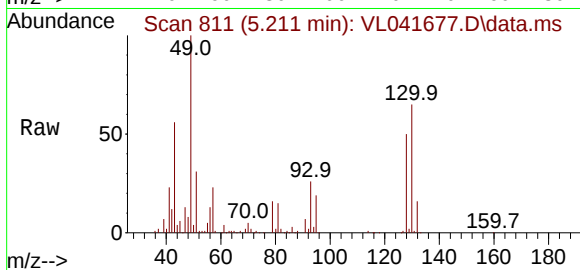
Lab File: VL041677.D

Acq: 7 Nov 2024 12:13

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion: 43 Resp: 140929

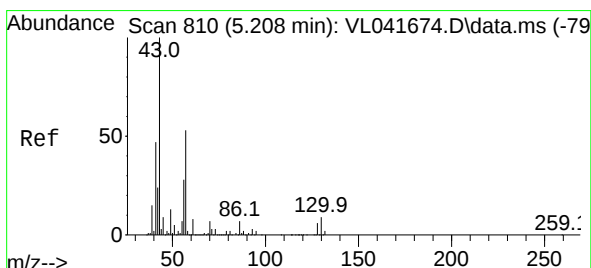
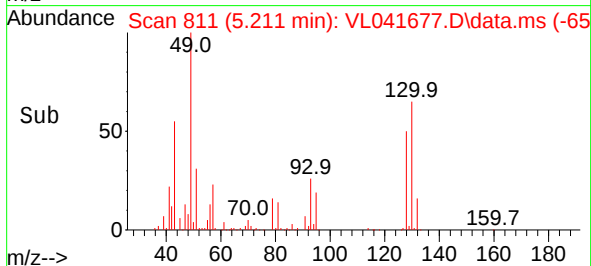
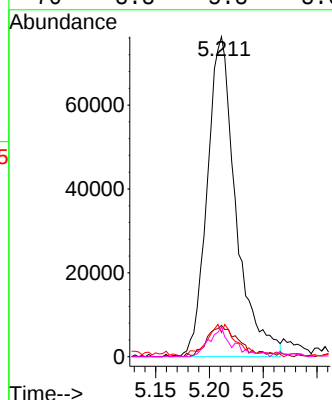
Ion Ratio Lower Upper

43 100

45 11.0 8.6 13.0

61 11.3 8.4 12.6

70 8.8 5.8 8.6#



#26

Hexane

Concen: 0.450 ppbv

RT: 5.211 min Scan# 811

Delta R.T. 0.003 min

Lab File: VL041677.D

Acq: 7 Nov 2024 12:13

Tgt Ion: 57 Resp: 50843

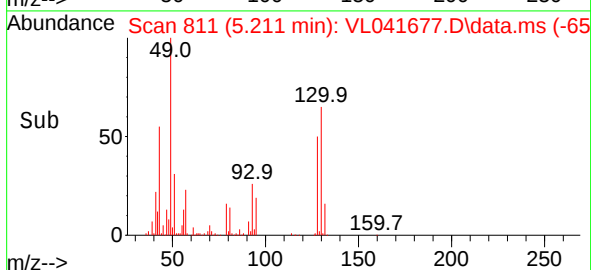
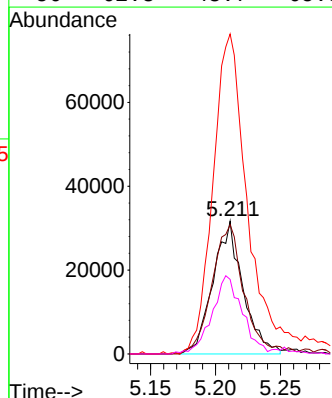
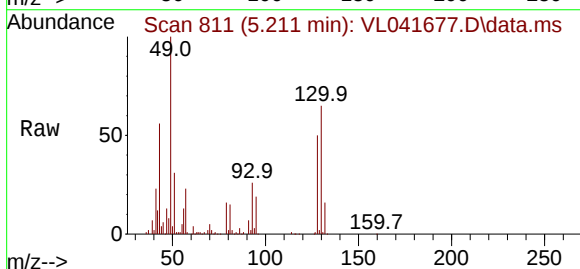
Ion Ratio Lower Upper

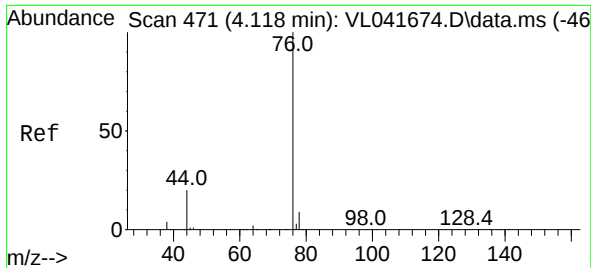
57 100

41 107.1 76.1 114.1

43 299.6 207.0 310.6

56 62.3 43.7 65.5

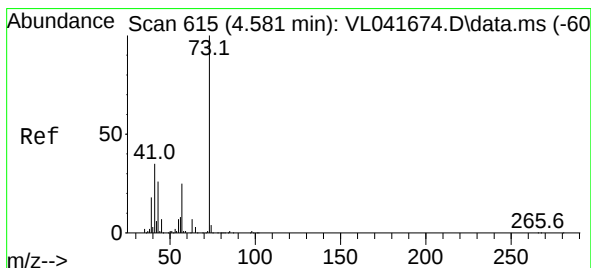
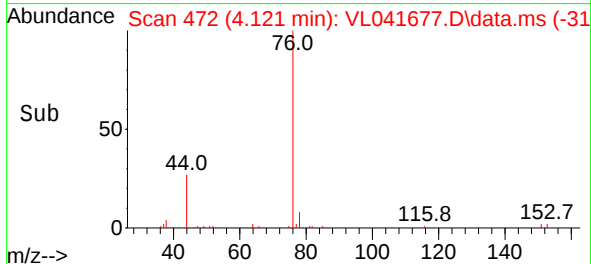
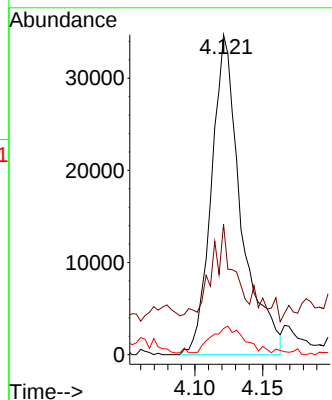
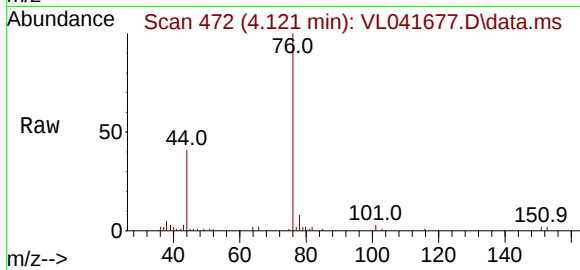




#27
Carbon Disulfide
Concen: 0.416 ppbv
RT: 4.121 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL041677.D
Acq: 7 Nov 2024 12:13

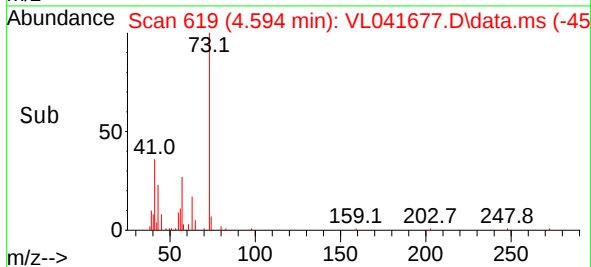
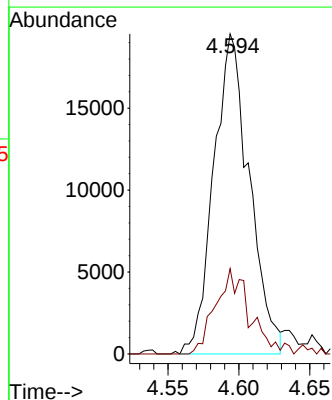
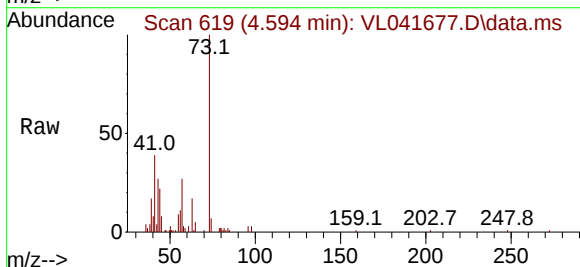
Instrument :
MSVOA_L
ClientSampleId :

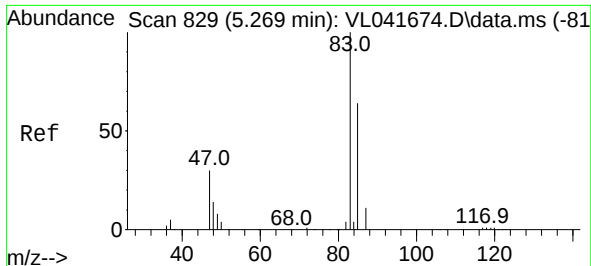
Tgt Ion: 76 Resp: 52791
Ion Ratio Lower Upper
76 100
44 27.8 15.8 23.8#
78 11.9 7.5 11.3#



#28
Methyl tert-Butyl Ether
Concen: 0.469 ppbv
RT: 4.594 min Scan# 619
Delta R.T. 0.013 min
Lab File: VL041677.D
Acq: 7 Nov 2024 12:13

Tgt Ion: 73 Resp: 34128
Ion Ratio Lower Upper
73 100
57 26.6 19.6 29.4





#29

Chloroform

Concen: 0.530 ppbv

RT: 5.266 min Scan# 81

Delta R.T. -0.003 min

Lab File: VL041677.D

Acq: 7 Nov 2024 12:13

Instrument :

MSVOA_L

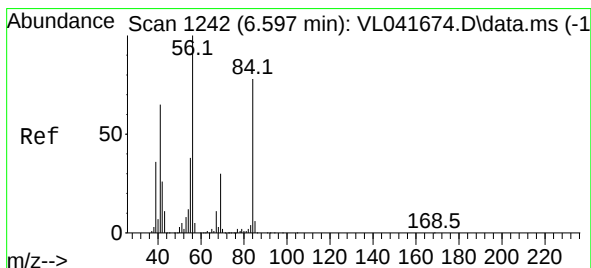
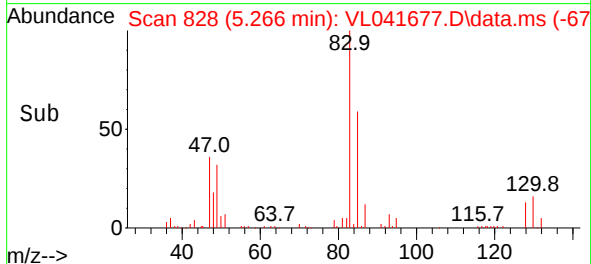
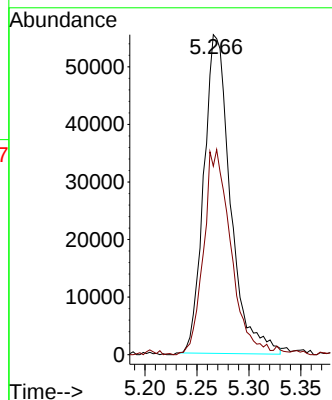
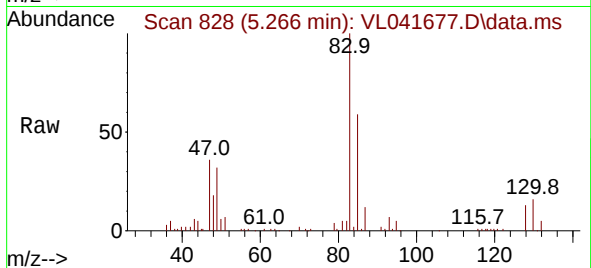
ClientSampleId :

Tgt Ion: 83 Resp: 98787

Ion Ratio Lower Upper

83 100

85 58.5 51.1 76.7



#30

Cyclohexane

Concen: 0.365 ppbv

RT: 6.600 min Scan# 1243

Delta R.T. 0.003 min

Lab File: VL041677.D

Acq: 7 Nov 2024 12:13

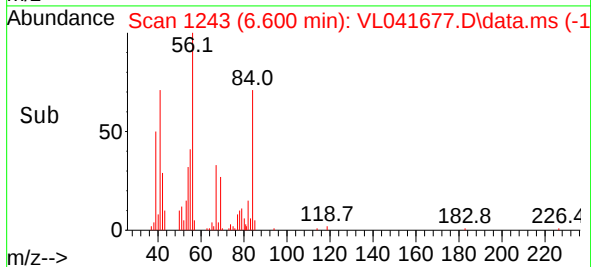
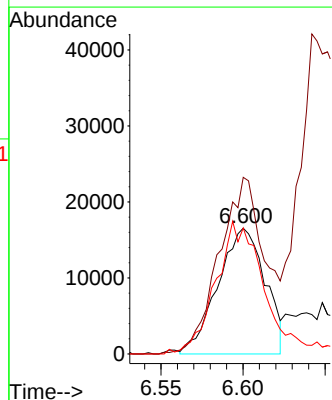
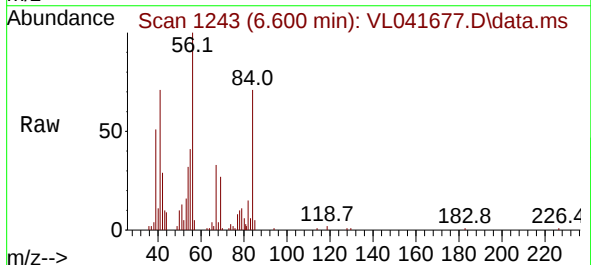
Tgt Ion: 84 Resp: 33080

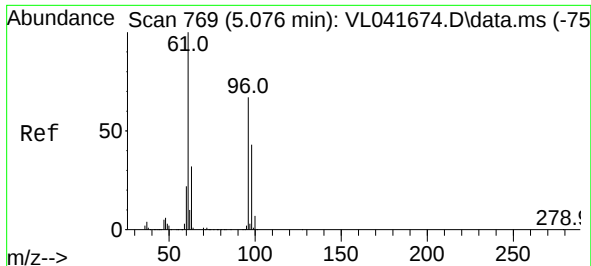
Ion Ratio Lower Upper

84 100

56 130.7 110.8 166.2

41 112.9 70.0 105.0#





#31

cis-1,2-Dichloroethene

Concen: 0.464 ppbv

RT: 5.076 min Scan# 769

Delta R.T. 0.000 min

Lab File: VL041677.D

Acq: 7 Nov 2024 12:13

Instrument :

MSVOA_L

ClientSampleId :

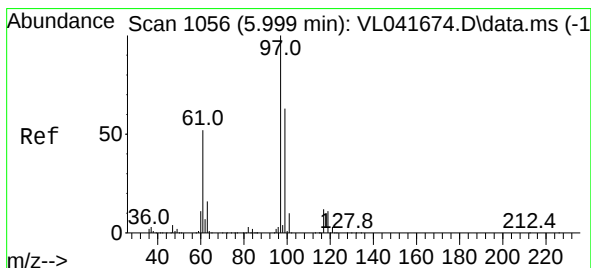
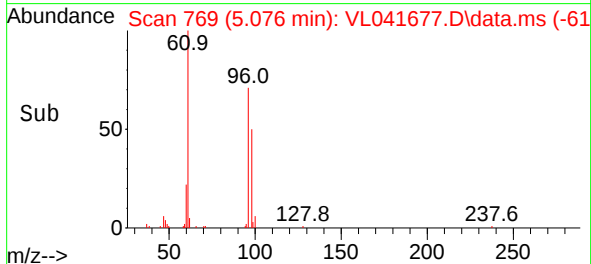
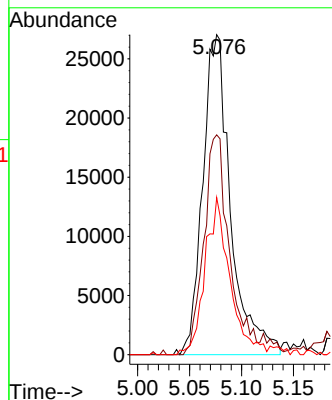
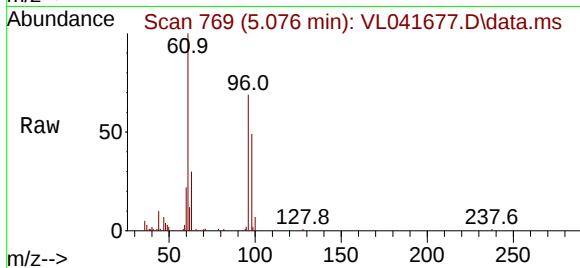
Tgt Ion: 61 Resp: 50385

Ion Ratio Lower Upper

61 100

96 68.7 53.4 80.2

98 50.1 34.0 51.0



#32

1,1,1-Trichloroethane

Concen: 0.496 ppbv

RT: 5.999 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VL041677.D

Acq: 7 Nov 2024 12:13

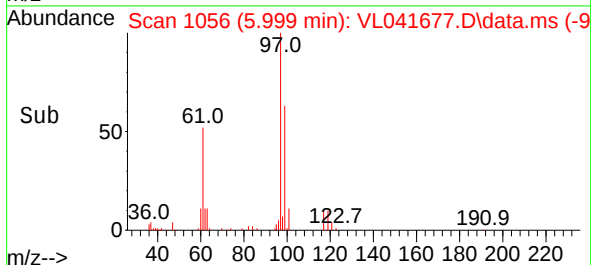
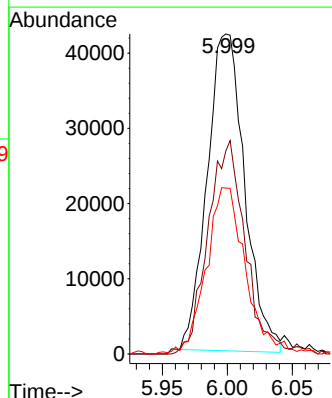
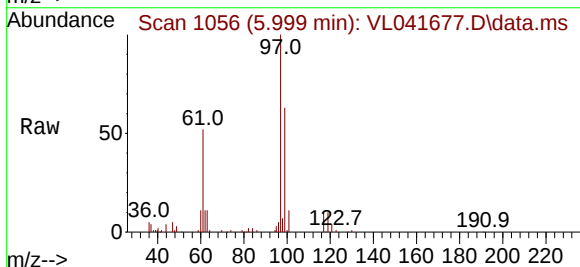
Tgt Ion: 97 Resp: 84699

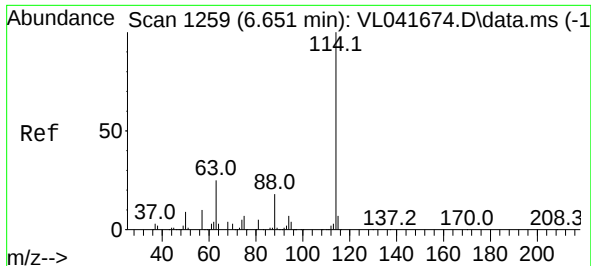
Ion Ratio Lower Upper

97 100

99 67.6 51.4 77.2

61 55.5 41.7 62.5





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.648 min Scan# 11

Delta R.T. -0.003 min

Lab File: VL041677.D

Acq: 7 Nov 2024 12:13

Instrument :

MSVOA_L

ClientSampleId :

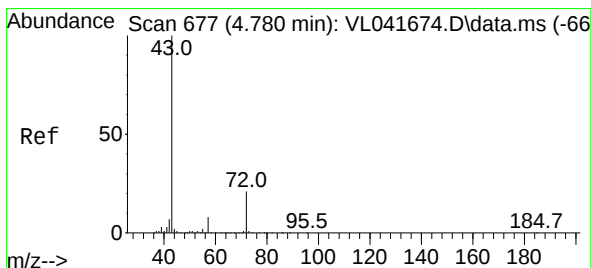
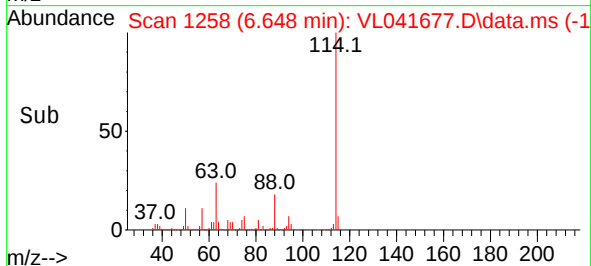
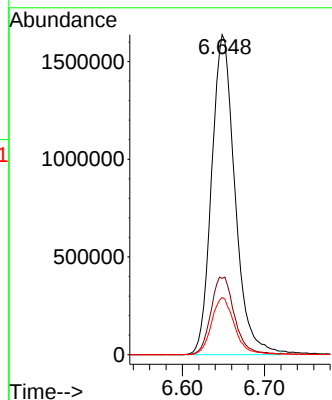
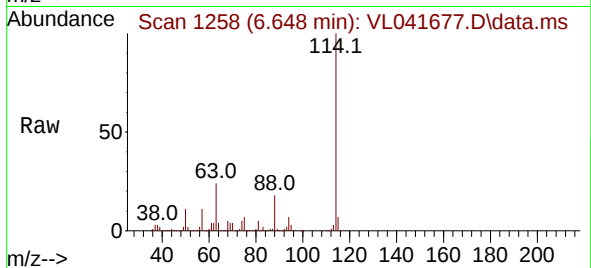
Tgt Ion:114 Resp: 3232256

Ion Ratio Lower Upper

114 100

63 25.2 20.3 30.5

88 17.8 14.2 21.4



#34

2-Butanone

Concen: 0.490 ppbv

RT: 4.796 min Scan# 682

Delta R.T. 0.016 min

Lab File: VL041677.D

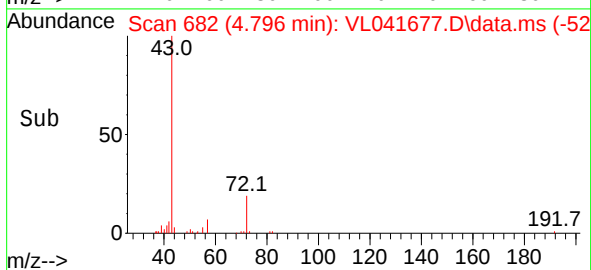
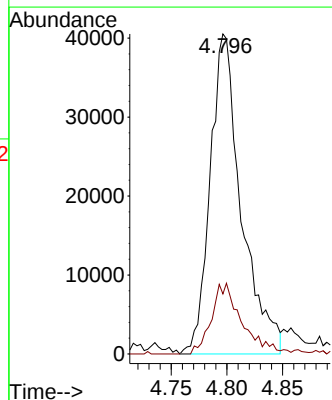
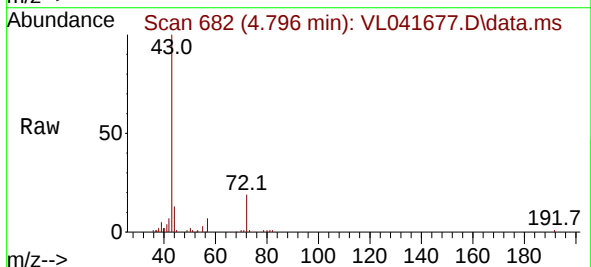
Acq: 7 Nov 2024 12:13

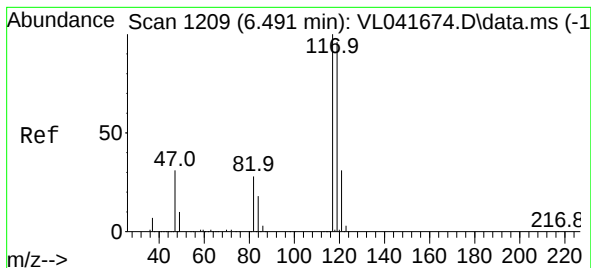
Tgt Ion: 43 Resp: 78940

Ion Ratio Lower Upper

43 100

72 22.1 17.4 26.0





#35

Carbon Tetrachloride

Concen: 0.291 ppbv

RT: 6.488 min Scan# 11

Delta R.T. -0.003 min

Lab File: VL041677.D

Acq: 7 Nov 2024 12:13

Instrument :

MSVOA_L

ClientSampleId :

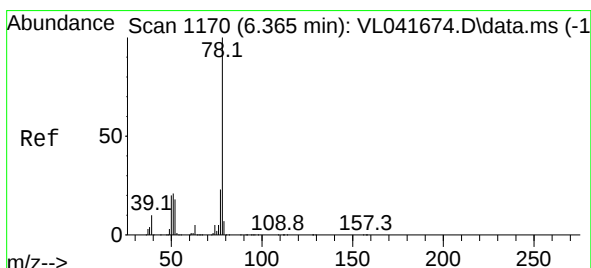
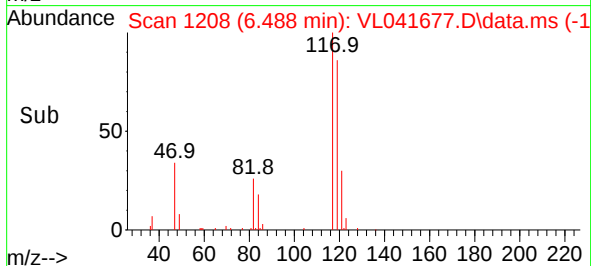
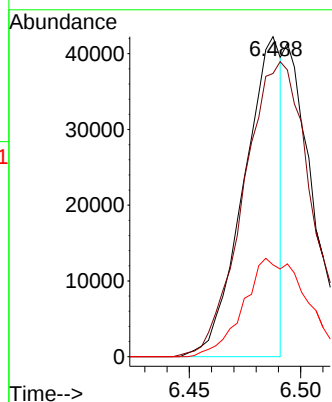
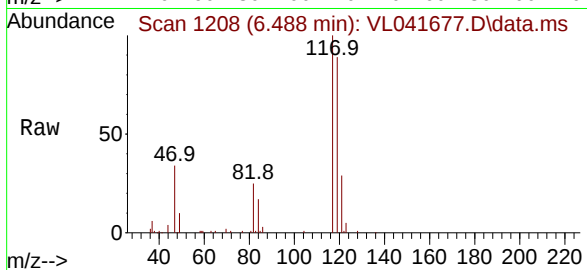
Tgt Ion:117 Resp: 49670

Ion Ratio Lower Upper

117 100

119 87.9 77.2 115.8

121 28.7 25.0 37.4



#36

Benzene

Concen: 0.447 ppbv

RT: 6.362 min Scan# 1169

Delta R.T. -0.003 min

Lab File: VL041677.D

Acq: 7 Nov 2024 12:13

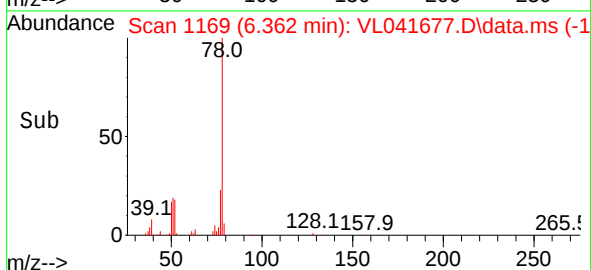
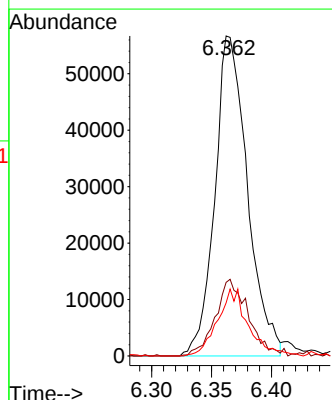
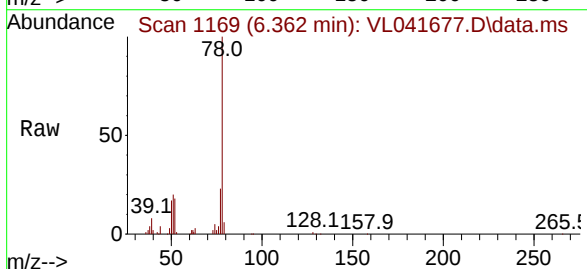
Tgt Ion: 78 Resp: 107078

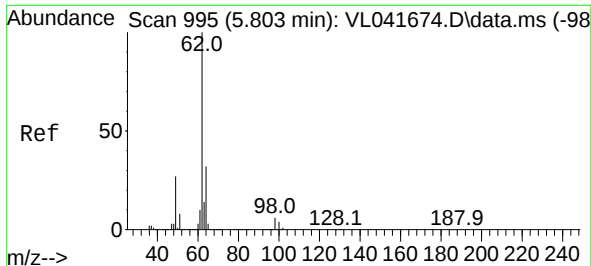
Ion Ratio Lower Upper

78 100

77 23.1 18.5 27.7

50 16.7 15.6 23.4





#37

1,2-Dichloroethane

Concen: 0.474 ppbv

RT: 5.803 min Scan# 995

Delta R.T. 0.000 min

Lab File: VL041677.D

Acq: 7 Nov 2024 12:13

Instrument :

MSVOA_L

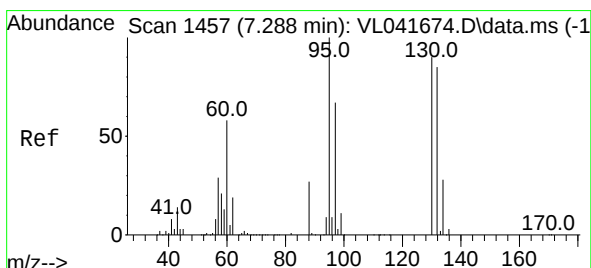
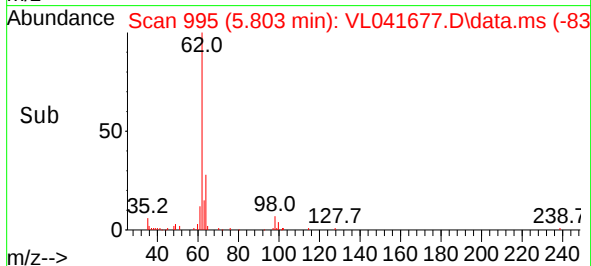
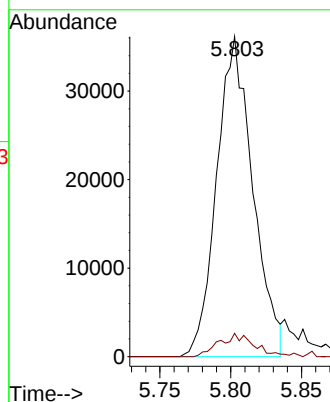
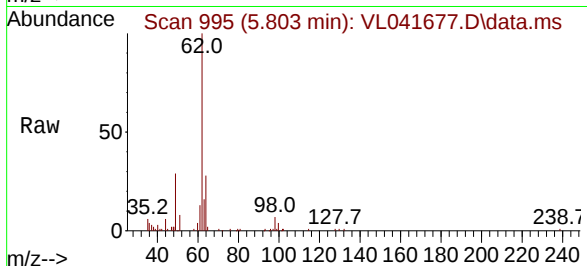
ClientSampleId :

Tgt Ion: 62 Resp: 64024

Ion Ratio Lower Upper

62 100

98 7.5 5.2 7.8



#38

Trichloroethene

Concen: 0.461 ppbv

RT: 7.291 min Scan# 1458

Delta R.T. 0.003 min

Lab File: VL041677.D

Acq: 7 Nov 2024 12:13

Tgt Ion:130 Resp: 42598

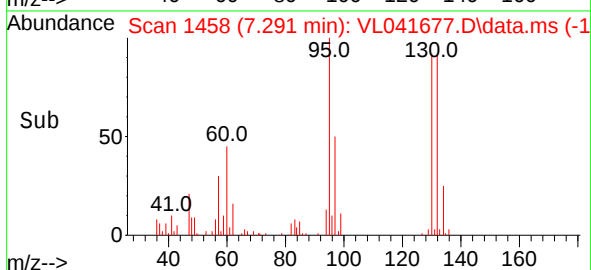
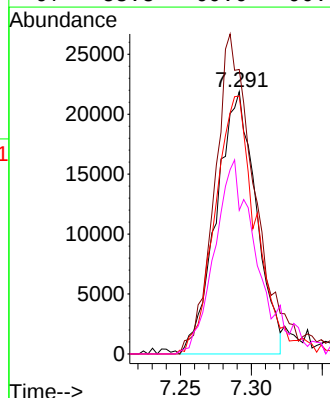
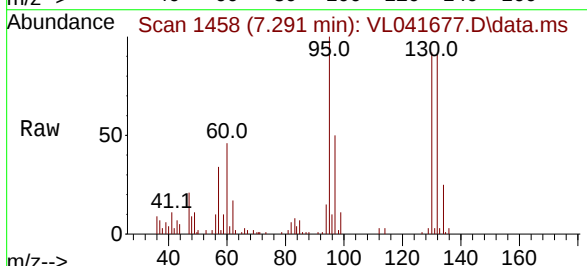
Ion Ratio Lower Upper

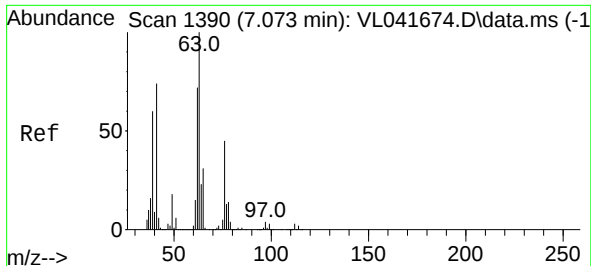
130 100

95 108.5 89.1 133.7

132 100.1 75.7 113.5

97 53.8 60.0 90.0#





#39

1,2-Dichloropropane

Concen: 0.475 ppbv

RT: 7.070 min Scan# 1389

Delta R.T. -0.003 min

Lab File: VL041677.D

Acq: 7 Nov 2024 12:13

Instrument :

MSVOA_L

ClientSampleId :

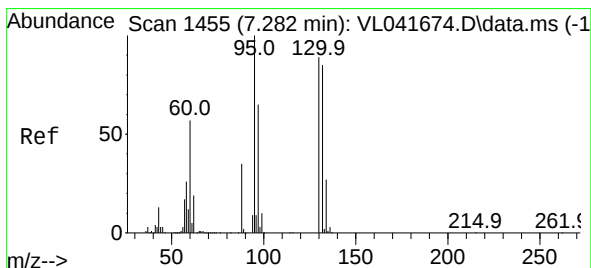
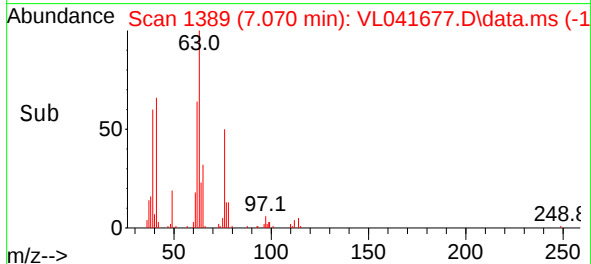
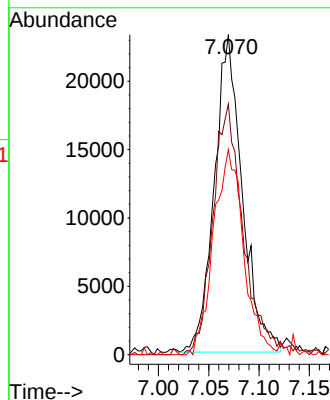
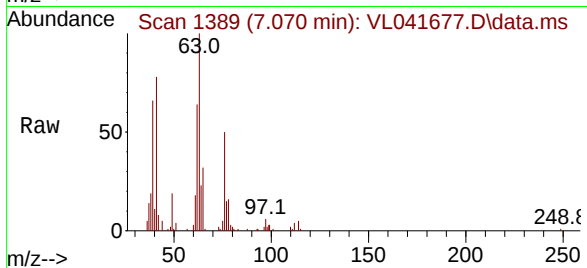
Tgt Ion: 63 Resp: 44946

Ion Ratio Lower Upper

63 100

41 78.9 59.1 88.7

62 64.6 57.7 86.5



#40

1,4-Dioxane

Concen: 0.004 ppbv

RT: 7.291 min Scan# 1458

Delta R.T. 0.010 min

Lab File: VL041677.D

Acq: 7 Nov 2024 12:13

Tgt Ion: 88 Resp: 145

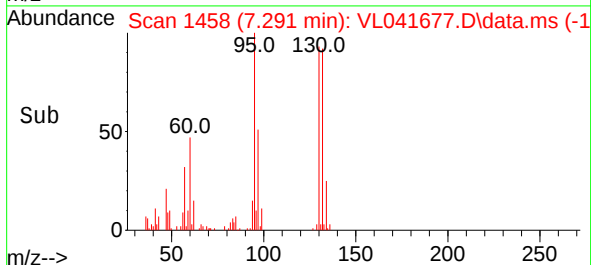
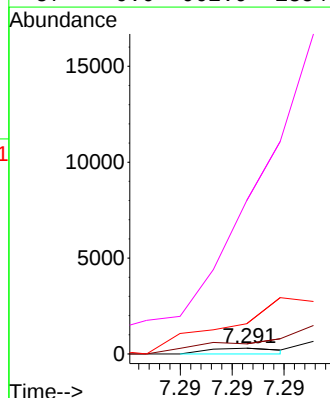
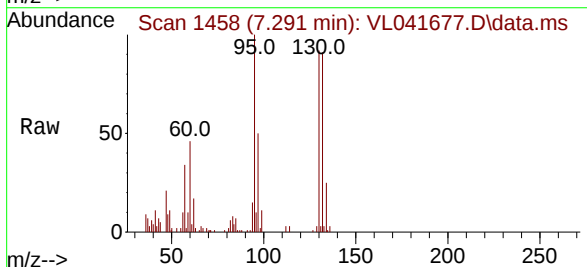
Ion Ratio Lower Upper

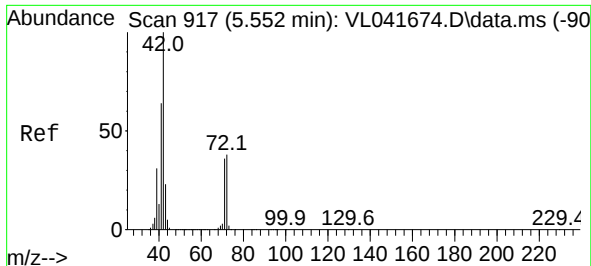
88 100

58 0.0 101.4 152.2#

43 0.0 208.0 312.0#

57 0.0 902.9 1354.3#





#41

Tetrahydrofuran

Concen: 0.198 ppbv

RT: 5.574 min Scan# 917

Delta R.T. 0.023 min

Lab File: VL041677.D

Acq: 7 Nov 2024 12:13

Instrument :

MSVOA_L

ClientSampleId :

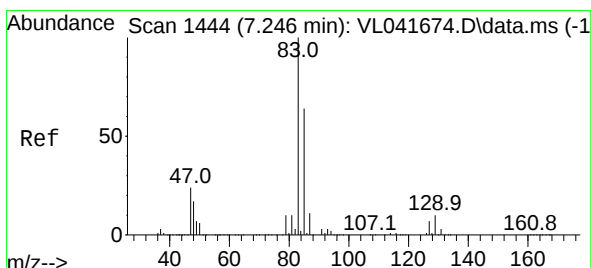
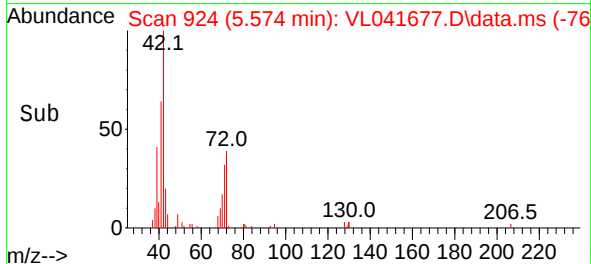
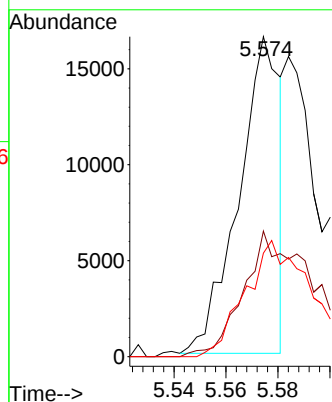
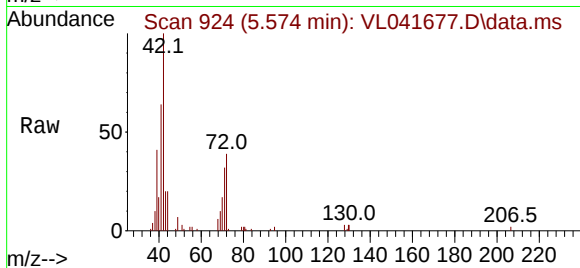
Tgt Ion: 42 Resp: 18151

Ion Ratio Lower Upper

42 100

72 72.7 29.8 44.6#

71 70.0 29.4 44.2#



#42

Bromodichloromethane

Concen: 0.459 ppbv

RT: 7.246 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VL041677.D

Acq: 7 Nov 2024 12:13

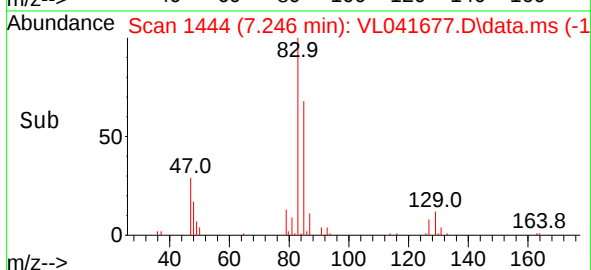
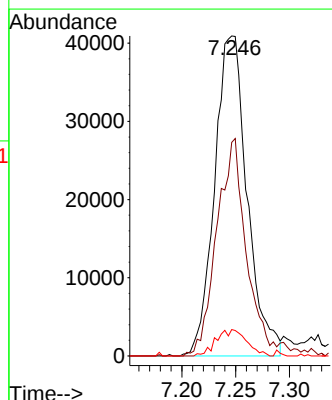
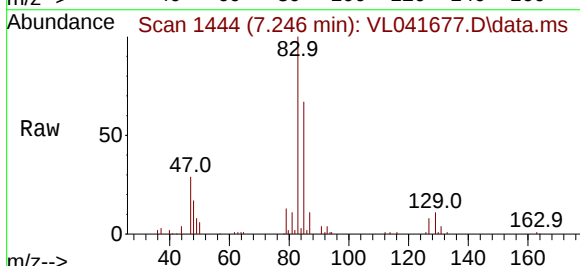
Tgt Ion: 83 Resp: 86164

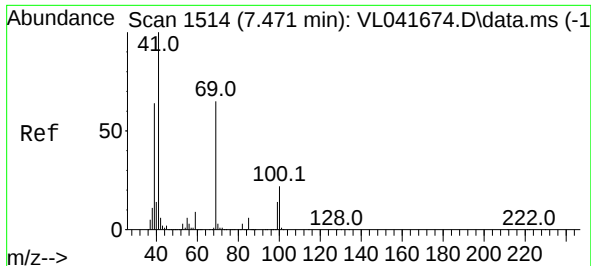
Ion Ratio Lower Upper

83 100

85 66.7 51.2 76.8

127 8.3 6.0 9.0





#43

Methyl Methacrylate

Concen: 0.356 ppbv

RT: 7.475 min Scan# 1515

Delta R.T. 0.003 min

Lab File: VL041677.D

Acq: 7 Nov 2024 12:13

Instrument :

MSVOA_L

ClientSampleId :

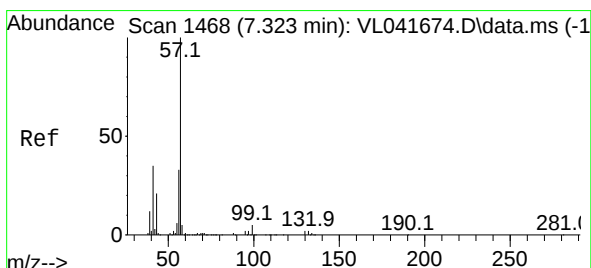
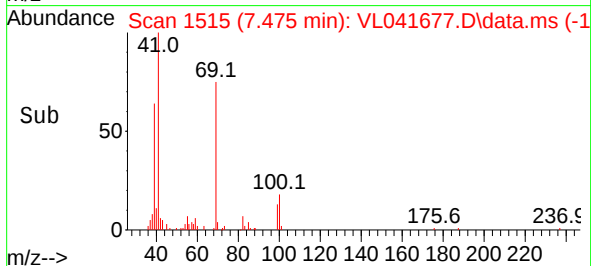
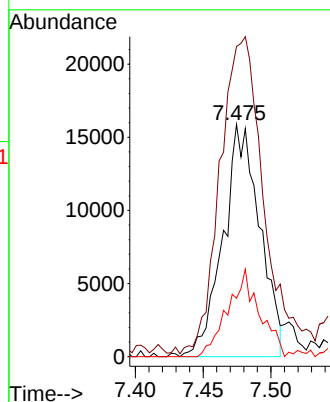
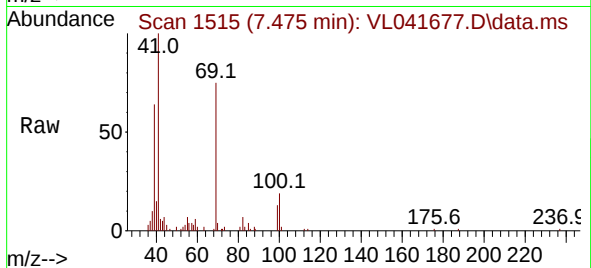
Tgt Ion: 69 Resp: 29969

Ion Ratio Lower Upper

69 100

41 166.5 119.8 179.6

100 33.3 27.3 40.9



#44

2,2,4-Trimethylpentane

Concen: 0.433 ppbv

RT: 7.327 min Scan# 1469

Delta R.T. 0.003 min

Lab File: VL041677.D

Acq: 7 Nov 2024 12:13

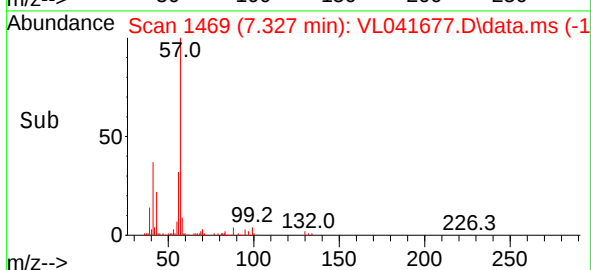
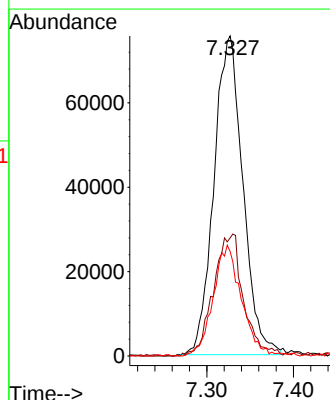
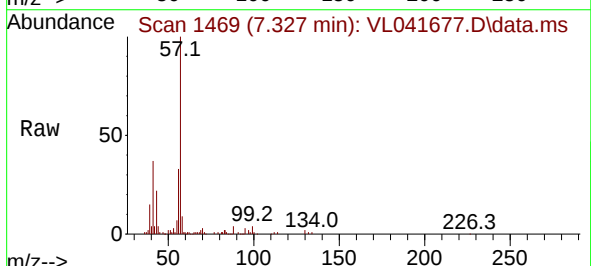
Tgt Ion: 57 Resp: 175510

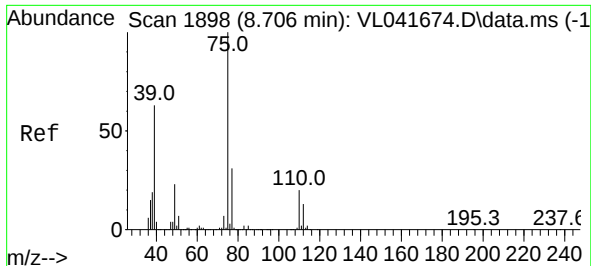
Ion Ratio Lower Upper

57 100

41 39.8 27.0 40.6

56 34.3 25.8 38.6





#45

t-1,3-Dichloropropene

Concen: 0.296 ppbv

RT: 8.709 min Scan# 11

Delta R.T. 0.003 min

Lab File: VL041677.D

Acq: 7 Nov 2024 12:13

Instrument :

MSVOA_L

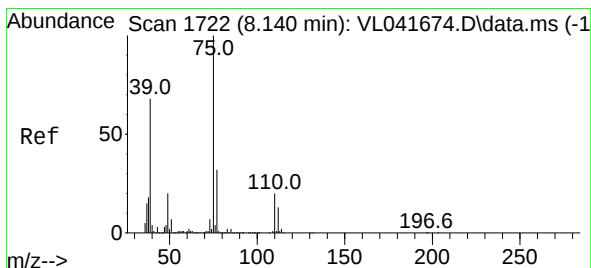
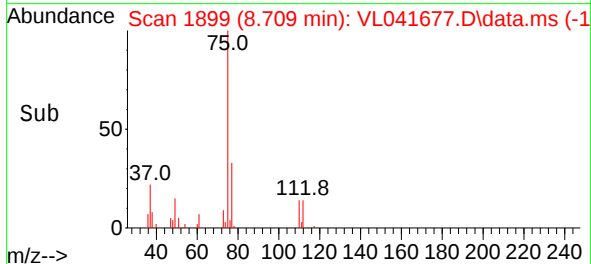
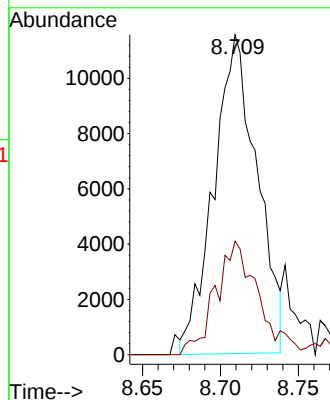
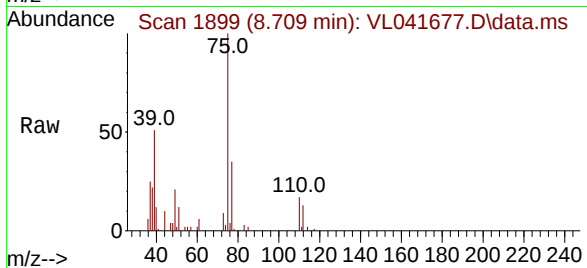
ClientSampleId :

Tgt Ion: 75 Resp: 22287

Ion Ratio Lower Upper

75 100

77 35.4 24.7 37.1



#46

cis-1,3-Dichloropropene

Concen: 0.308 ppbv

RT: 8.143 min Scan# 1723

Delta R.T. 0.003 min

Lab File: VL041677.D

Acq: 7 Nov 2024 12:13

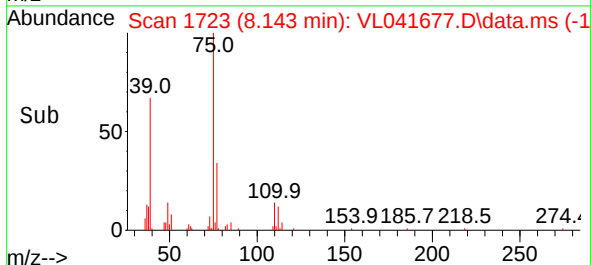
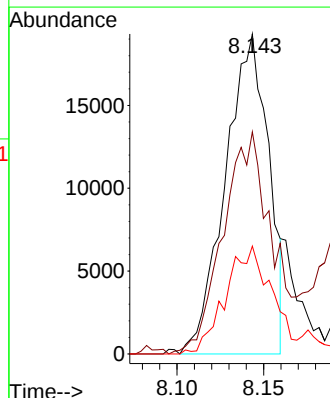
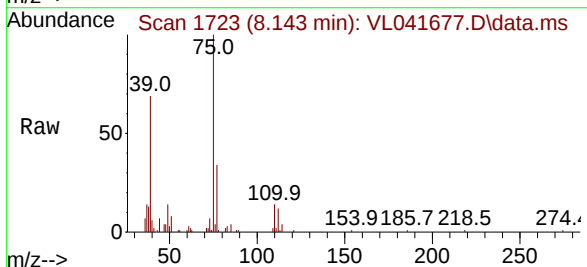
Tgt Ion: 75 Resp: 33612

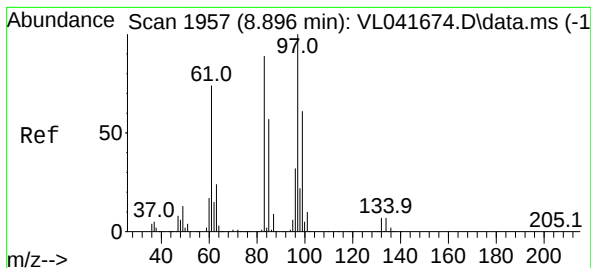
Ion Ratio Lower Upper

75 100

39 68.2 54.1 81.1

77 33.7 25.3 37.9





#47

1,1,2-Trichloroethane

Concen: 0.299 ppbv

RT: 8.889 min Scan# 1955

Delta R.T. -0.006 min

Lab File: VL041677.D

Acq: 7 Nov 2024 12:13

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 97 Resp: 30507

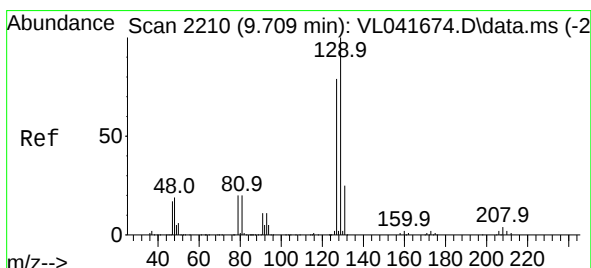
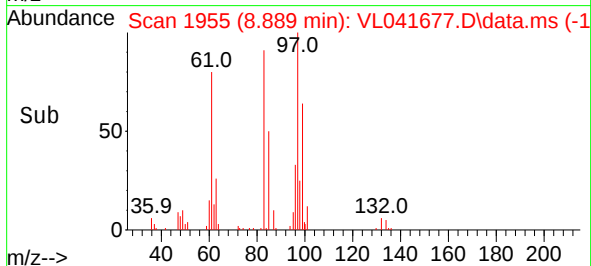
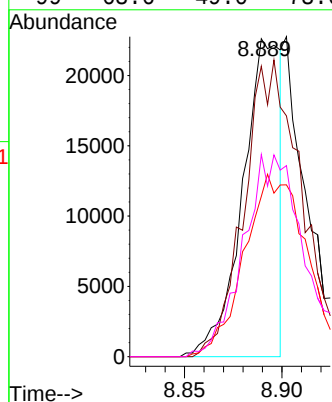
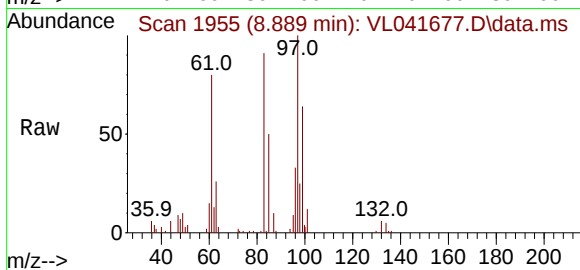
Ion Ratio Lower Upper

97 100

83 91.3 71.0 106.6

85 50.4 45.4 68.2

99 63.6 49.0 73.6



#48

Dibromochloromethane

Concen: 0.411 ppbv

RT: 9.709 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VL041677.D

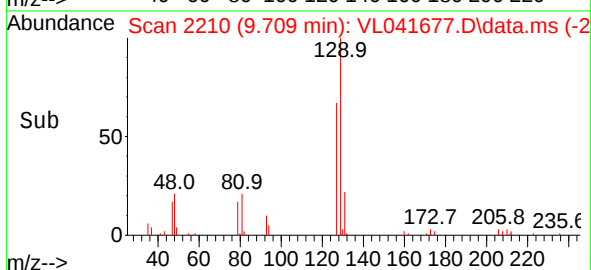
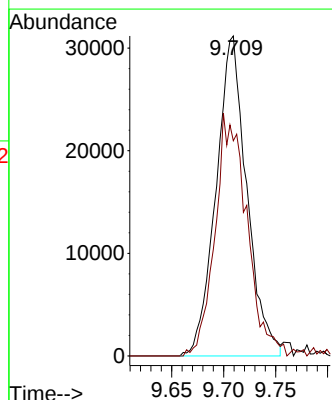
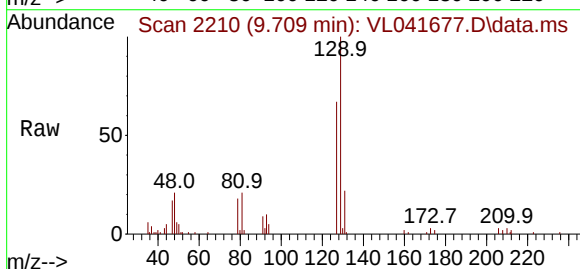
Acq: 7 Nov 2024 12:13

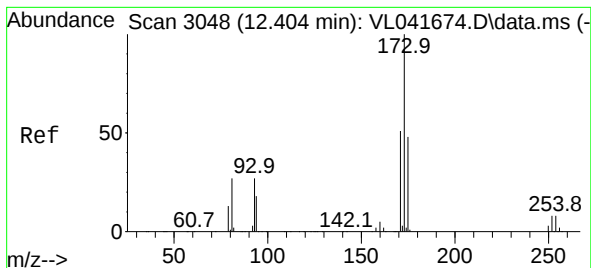
Tgt Ion: 129 Resp: 64053

Ion Ratio Lower Upper

129 100

127 79.0 39.1 117.2





#49

Bromoform

Concen: 0.214 ppbv

RT: 12.401 min Scan# 3048

Delta R.T. -0.003 min

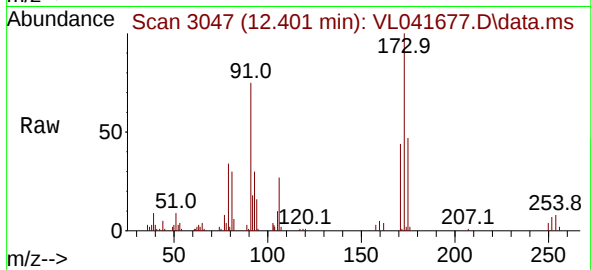
Lab File: VL041677.D

Acq: 7 Nov 2024 12:13

Instrument :

MSVOA_L

ClientSampleId :



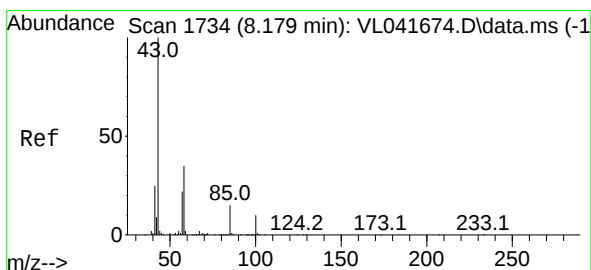
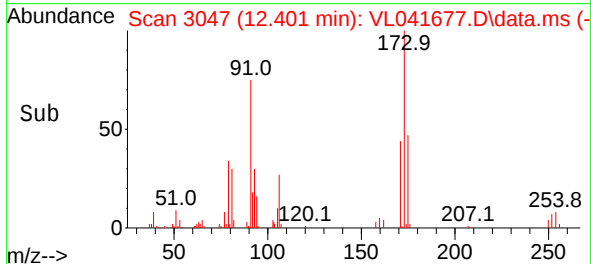
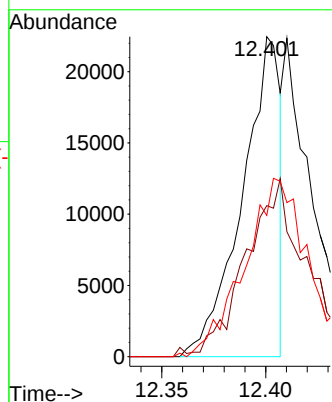
Tgt Ion:173 Resp: 28465

Ion Ratio Lower Upper

173 100

175 0.0 39.2 58.8#

171 0.0 41.7 62.5#



#50

4-Methyl-2-Pentanone

Concen: 0.368 ppbv

RT: 8.198 min Scan# 1740

Delta R.T. 0.019 min

Lab File: VL041677.D

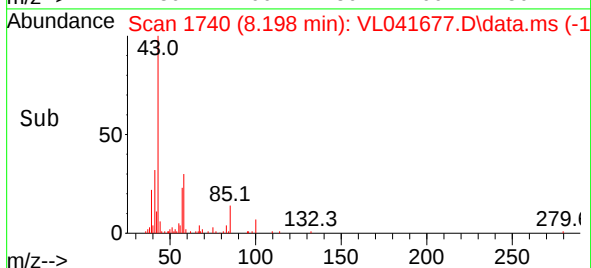
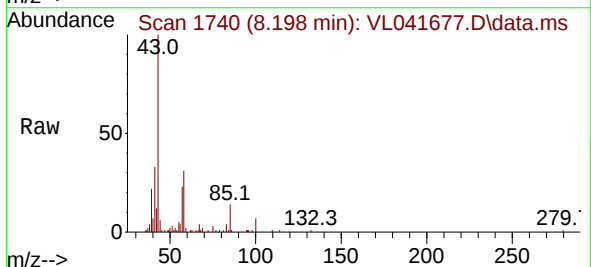
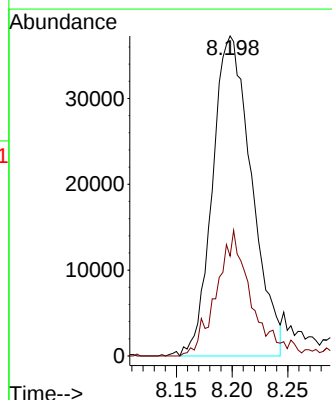
Acq: 7 Nov 2024 12:13

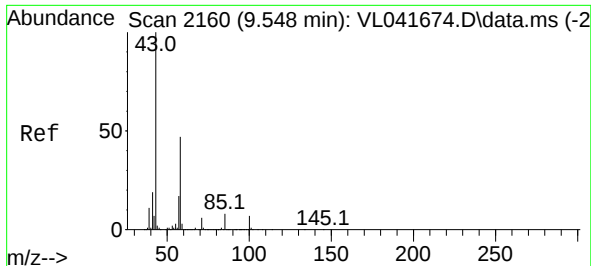
Tgt Ion: 43 Resp: 90923

Ion Ratio Lower Upper

43 100

58 35.7 27.7 41.5

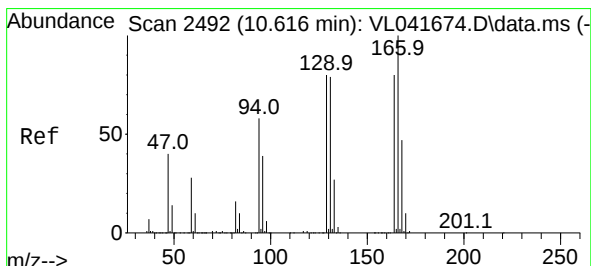
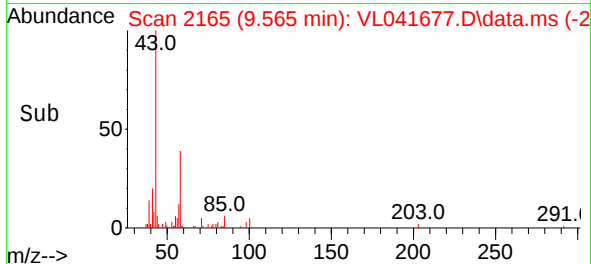
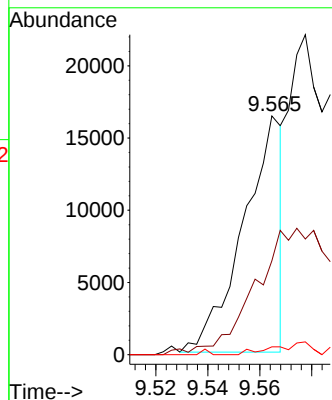
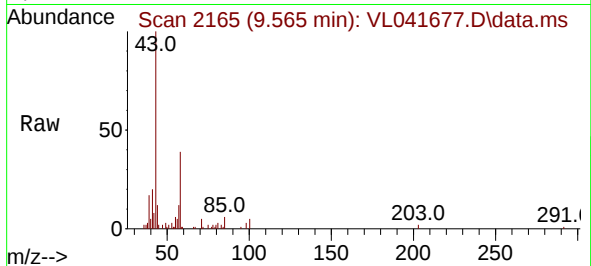




#51
2-Hexanone
Concen: 0.095 ppbv
RT: 9.565 min Scan# 2165
Delta R.T. 0.016 min
Lab File: VL041677.D
Acq: 7 Nov 2024 12:13

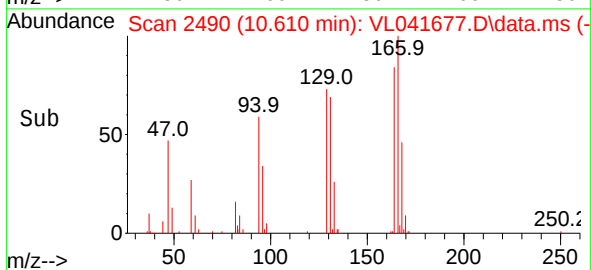
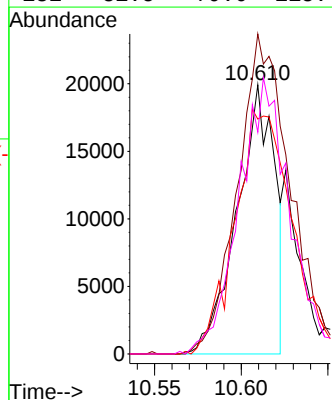
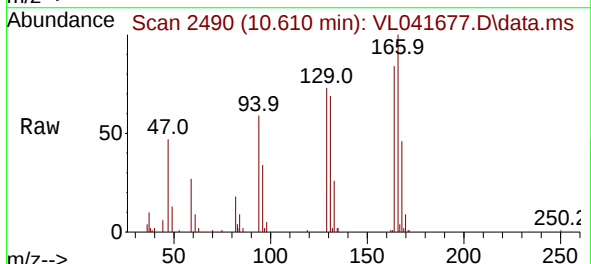
Instrument :
MSVOA_L
ClientSampleId :

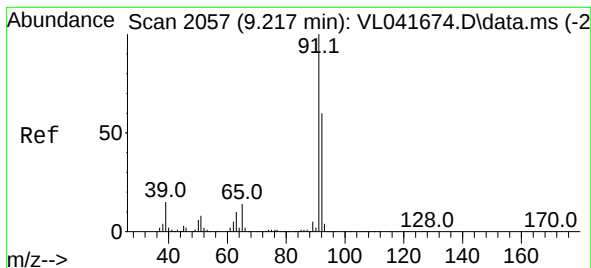
Tgt Ion: 43 Resp: 16978
Ion Ratio Lower Upper
43 100
58 0.0 37.0 55.6#
98 0.0 0.6 0.8#



#52
Tetrachloroethene
Concen: 0.365 ppbv
RT: 10.610 min Scan# 2490
Delta R.T. -0.006 min
Lab File: VL041677.D
Acq: 7 Nov 2024 12:13

Tgt Ion:164 Resp: 29917
Ion Ratio Lower Upper
164 100
166 118.9 100.2 150.4
129 87.3 79.7 119.5
131 81.5 79.0 118.4





#53

Toluene

Concen: 0.359 ppbv

RT: 9.221 min Scan# 2057

Delta R.T. 0.003 min

Lab File: VL041677.D

Acq: 7 Nov 2024 12:13

Instrument :

MSVOA_L

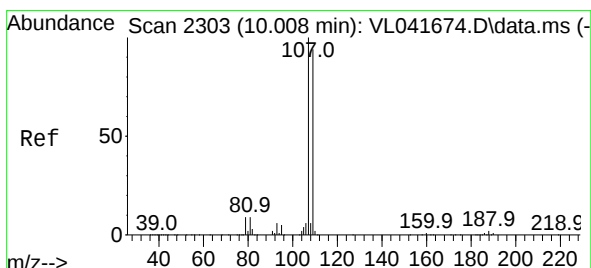
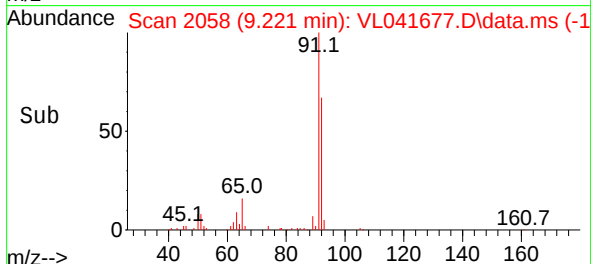
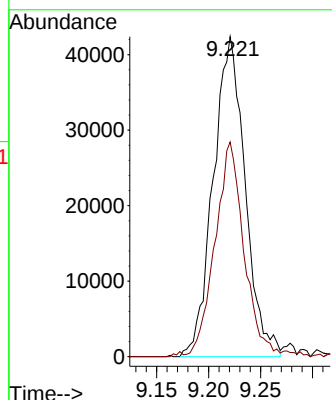
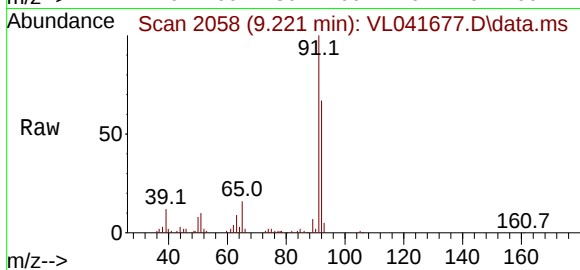
ClientSampleId :

Tgt Ion: 91 Resp: 90468

Ion Ratio Lower Upper

91 100

92 62.1 49.0 73.4



#54

1,2-Dibromoethane

Concen: 0.214 ppbv

RT: 10.002 min Scan# 2301

Delta R.T. -0.006 min

Lab File: VL041677.D

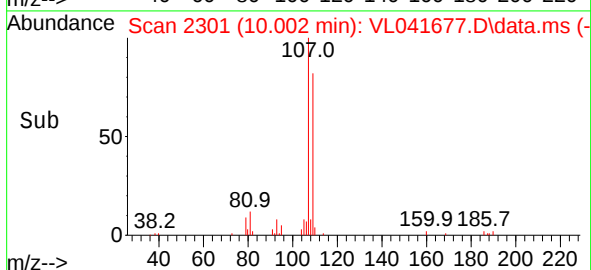
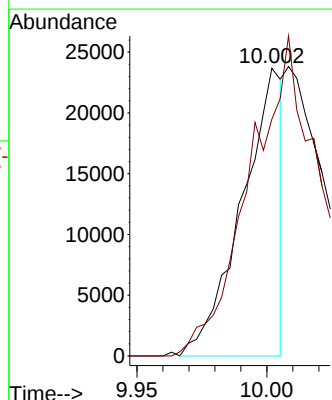
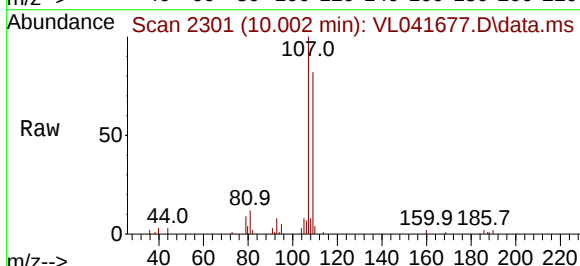
Acq: 7 Nov 2024 12:13

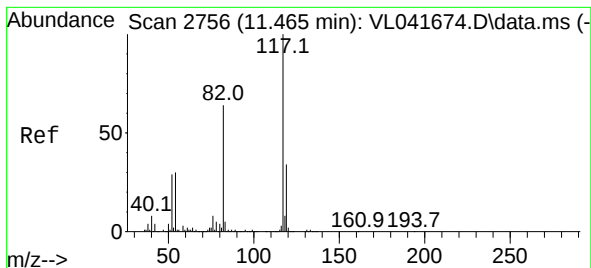
Tgt Ion: 107 Resp: 25474

Ion Ratio Lower Upper

107 100

109 80.9 74.9 112.3

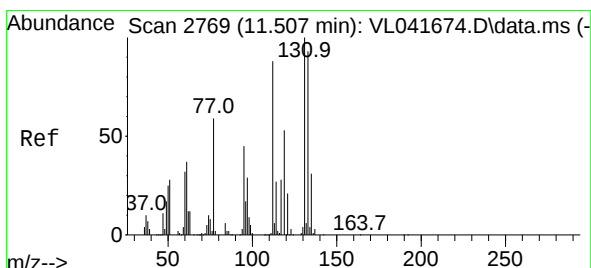
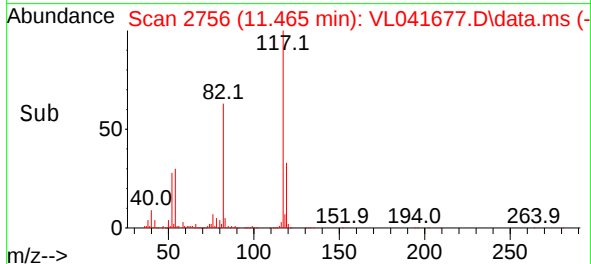
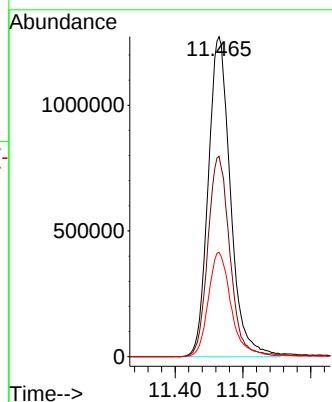
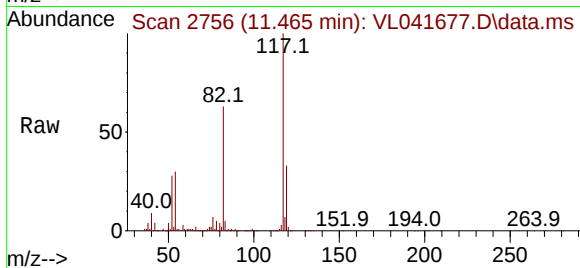




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.465 min Scan# 2756
Delta R.T. 0.000 min
Lab File: VL041677.D
Acq: 7 Nov 2024 12:13

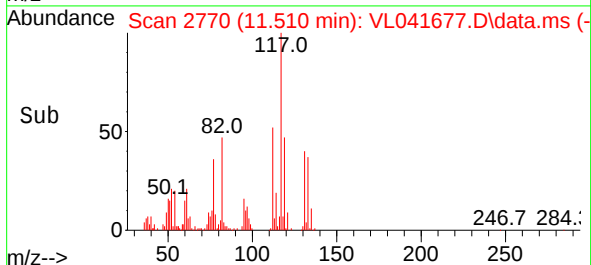
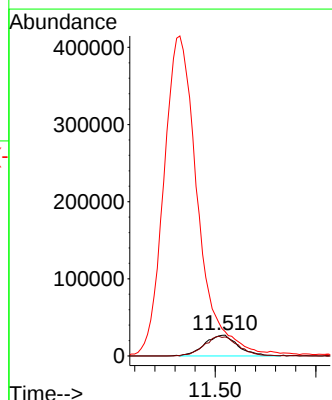
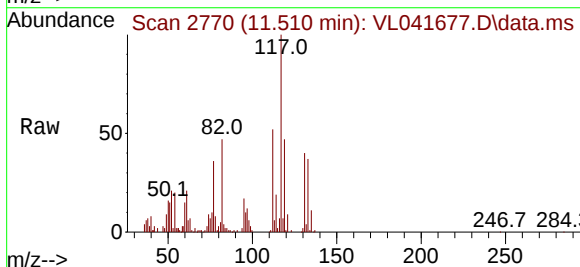
Instrument :
MSVOA_L
ClientSampleId :

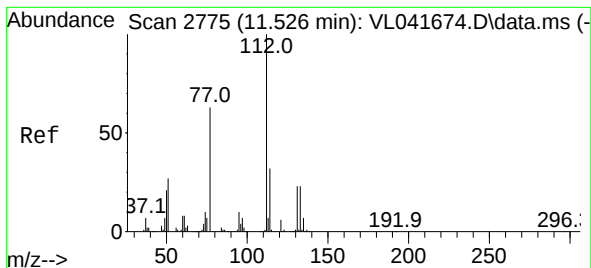
Tgt Ion:117 Resp: 2900644
Ion Ratio Lower Upper
117 100
82 63.2 49.8 74.8
119 33.9 24.2 36.4



#56
1,1,1,2-Tetrachloroethane
Concen: 0.512 ppbv
RT: 11.510 min Scan# 2770
Delta R.T. 0.003 min
Lab File: VL041677.D
Acq: 7 Nov 2024 12:13

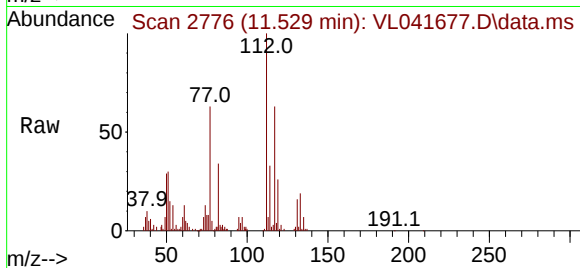
Tgt Ion:131 Resp: 61817
Ion Ratio Lower Upper
131 100
133 97.3 76.5 114.7
119 1592.6 49.8 74.8#



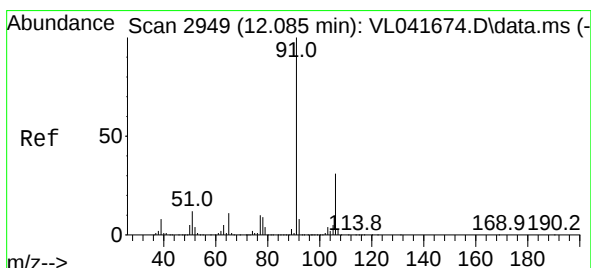
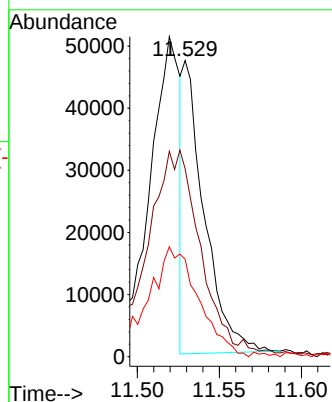
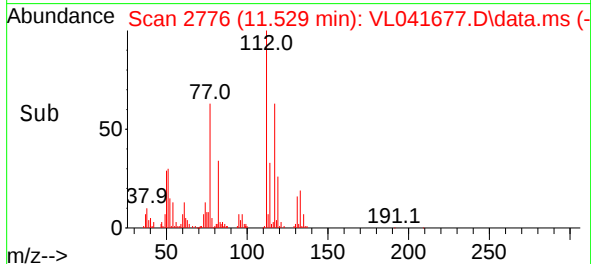


#57
Chlorobenzene
Concen: 0.197 ppbv
RT: 11.529 min Scan# 211
Delta R.T. 0.003 min
Lab File: VL041677.D
Acq: 7 Nov 2024 12:13

Instrument :
MSVOA_L
ClientSampleId :

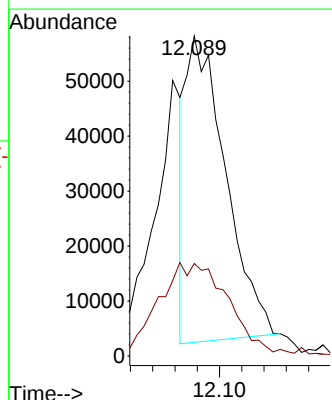
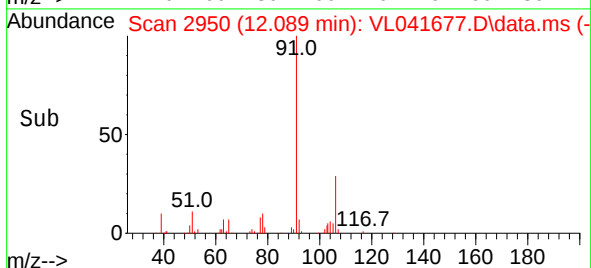
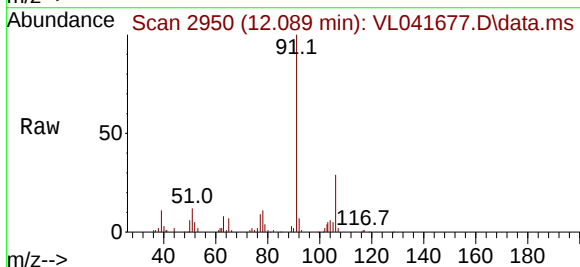


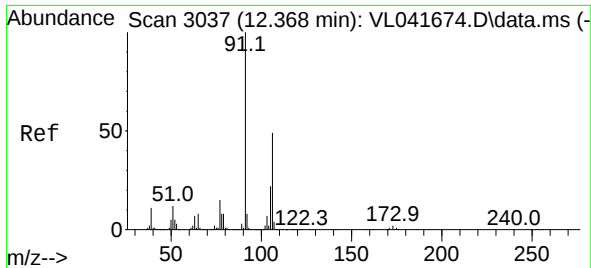
Tgt Ion:112 Resp: 42625
Ion Ratio Lower Upper
112 100
77 63.3 51.4 77.2
114 33.5 28.4 34.8



#58
Ethyl Benzene
Concen: 0.214 ppbv
RT: 12.089 min Scan# 2950
Delta R.T. 0.003 min
Lab File: VL041677.D
Acq: 7 Nov 2024 12:13

Tgt Ion: 91 Resp: 68854
Ion Ratio Lower Upper
91 100
106 28.8 24.9 37.3





#59

m/p-Xylene

Concen: 0.348 ppbv

RT: 12.372 min Scan# 3038

Delta R.T. 0.003 min

Lab File: VL041677.D

Acq: 7 Nov 2024 12:13

Instrument :

MSVOA_L

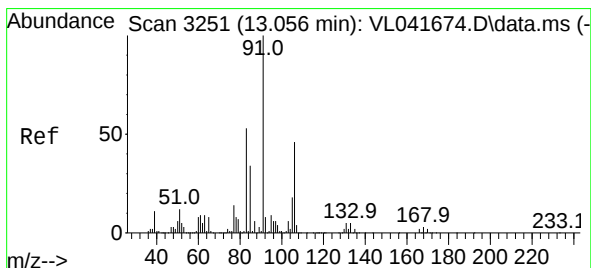
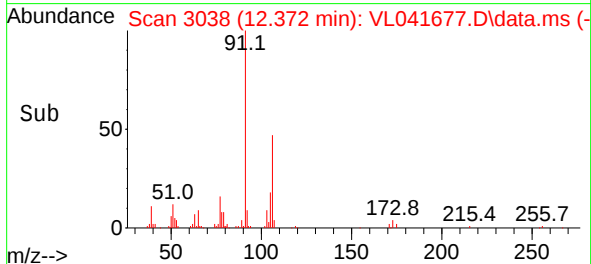
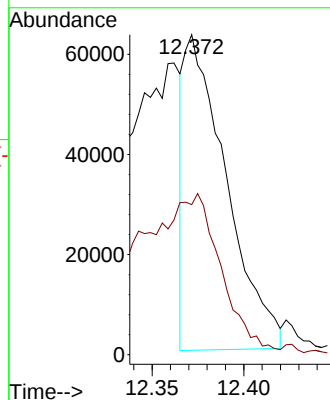
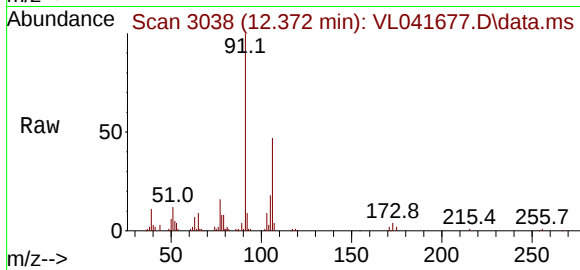
ClientSampleId :

Tgt Ion: 91 Resp: 100159

Ion Ratio Lower Upper

91 100

106 109.7 36.9 55.3#



#60

o-Xylene

Concen: 0.408 ppbv

RT: 13.060 min Scan# 3252

Delta R.T. 0.003 min

Lab File: VL041677.D

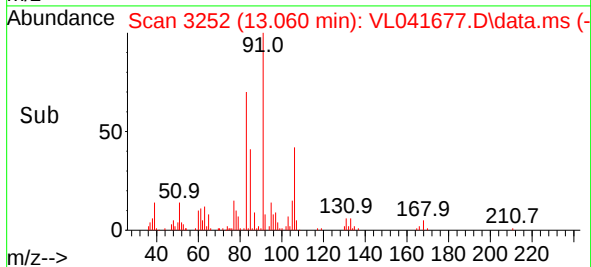
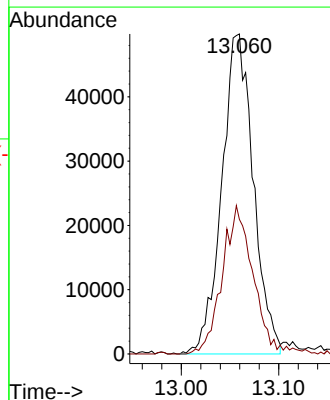
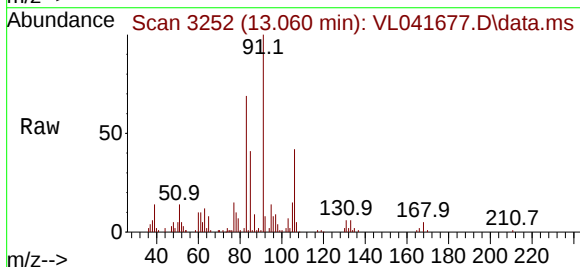
Acq: 7 Nov 2024 12:13

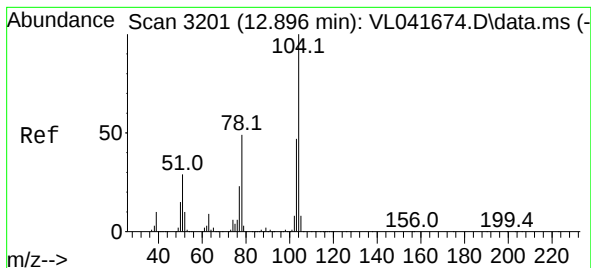
Tgt Ion: 91 Resp: 111856

Ion Ratio Lower Upper

91 100

106 45.8 23.2 69.6





#61

Styrene

Concen: 0.293 ppbv

RT: 12.899 min Scan# 31

Delta R.T. 0.003 min

Lab File: VL041677.D

Acq: 7 Nov 2024 12:13

Instrument :

MSVOA_L

ClientSampleId :

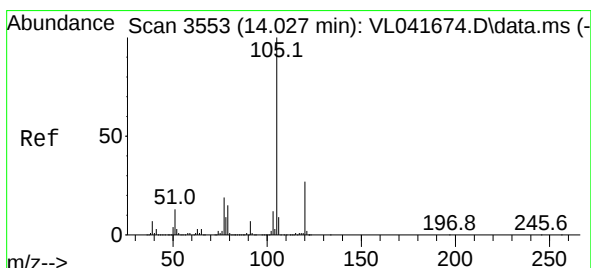
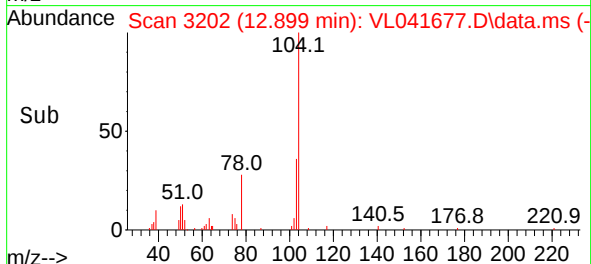
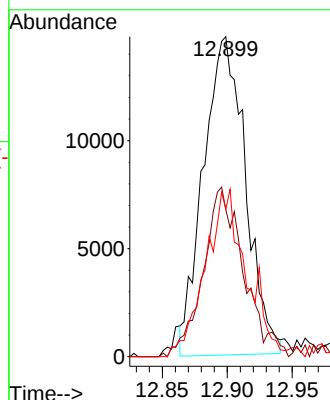
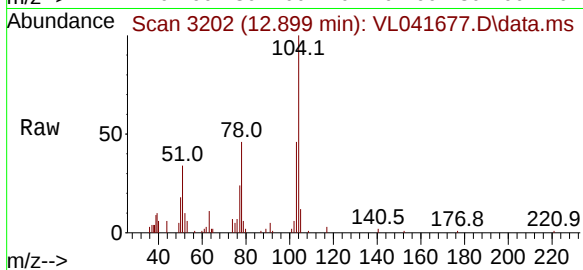
Tgt Ion:104 Resp: 33155

Ion Ratio Lower Upper

104 100

78 51.6 39.8 59.8

103 52.4 37.4 56.0



#62

Isopropylbenzene

Concen: 0.443 ppbv

RT: 14.031 min Scan# 3554

Delta R.T. 0.003 min

Lab File: VL041677.D

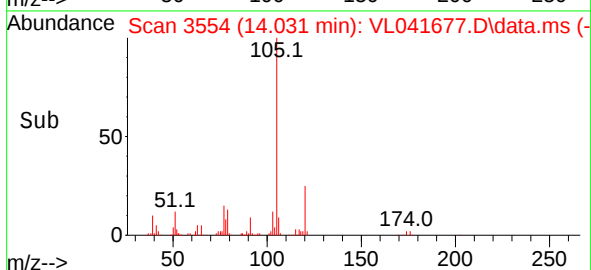
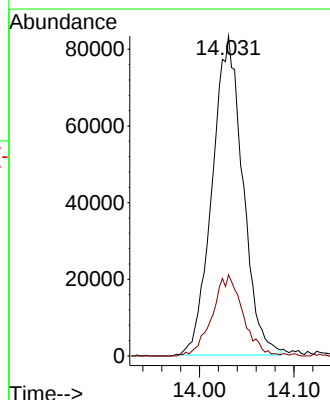
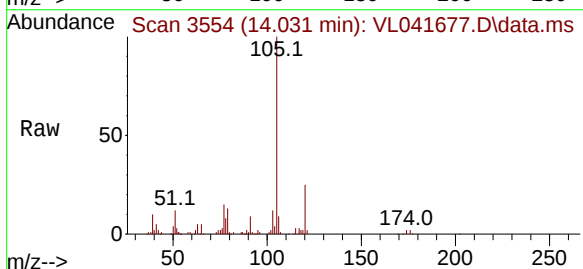
Acq: 7 Nov 2024 12:13

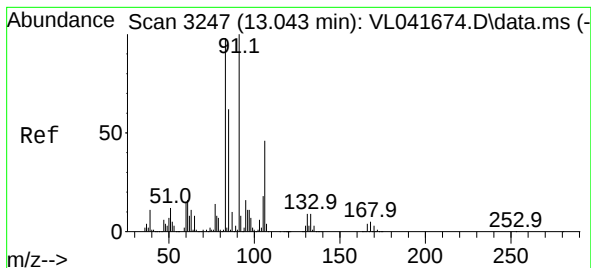
Tgt Ion:105 Resp: 187478

Ion Ratio Lower Upper

105 100

120 25.6 21.1 31.7





#63

1,1,2,2-Tetrachloroethane

Concen: 0.503 ppbv

RT: 13.050 min Scan# 31

Delta R.T. 0.007 min

Lab File: VL041677.D

Acq: 7 Nov 2024 12:13

Instrument :

MSVOA_L

ClientSampleId :

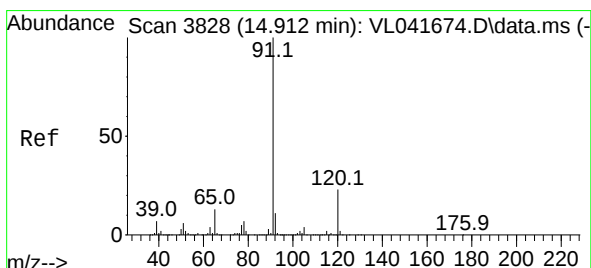
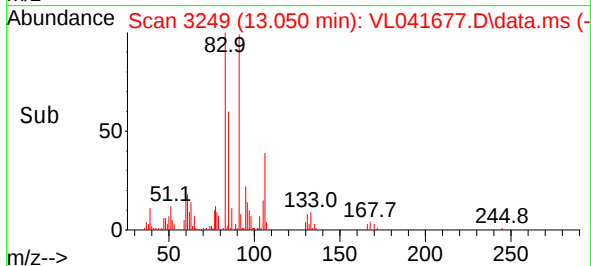
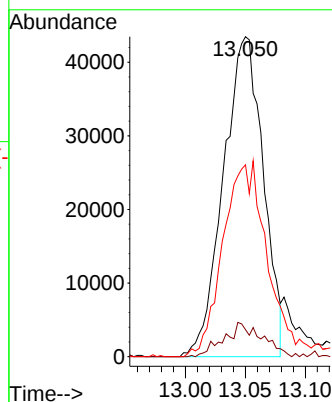
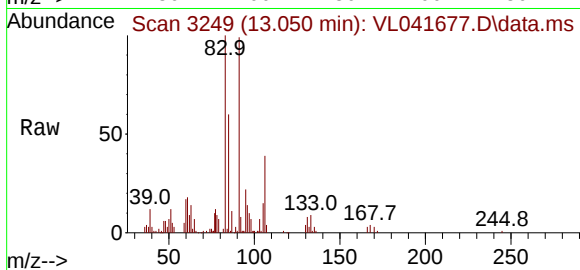
Tgt Ion: 83 Resp: 100534

Ion Ratio Lower Upper

83 100

131 10.2 4.8 14.3

85 69.1 32.6 98.0



#64

n-propylbenzene

Concen: 0.244 ppbv

RT: 14.921 min Scan# 3831

Delta R.T. 0.010 min

Lab File: VL041677.D

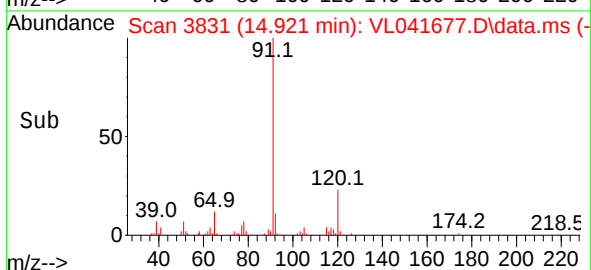
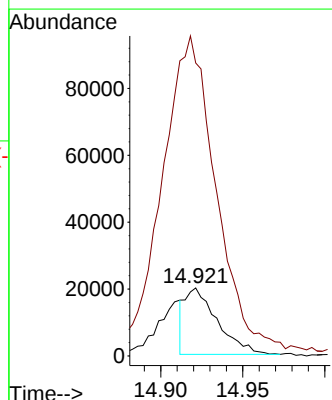
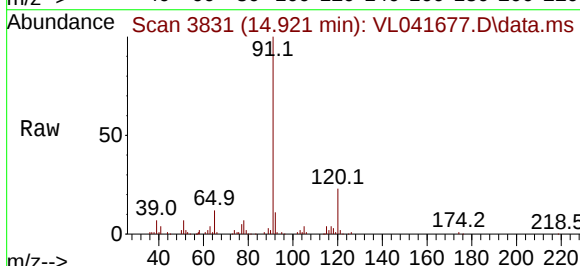
Acq: 7 Nov 2024 12:13

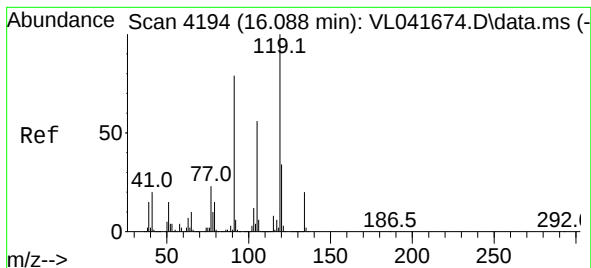
Tgt Ion:120 Resp: 27038

Ion Ratio Lower Upper

120 100

91 848.8 362.4 543.6#





#65

tert-Butylbenzene

Concen: 0.428 ppbv

RT: 16.092 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL041677.D

Acq: 7 Nov 2024 12:13

Instrument :

MSVOA_L

ClientSampleId :

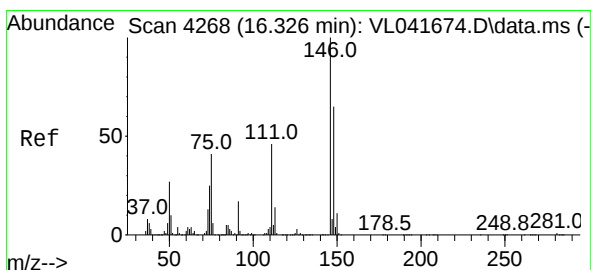
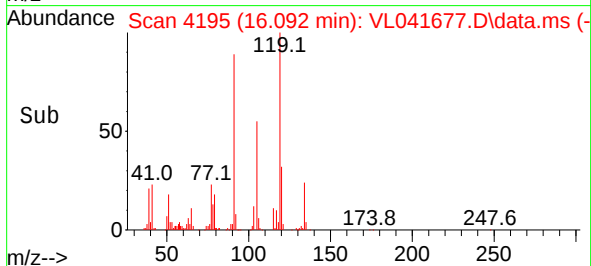
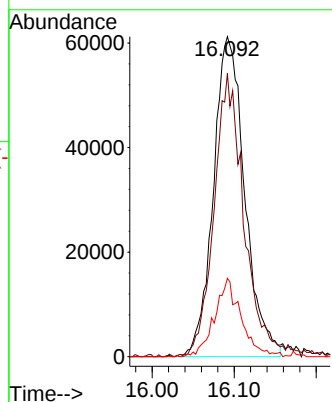
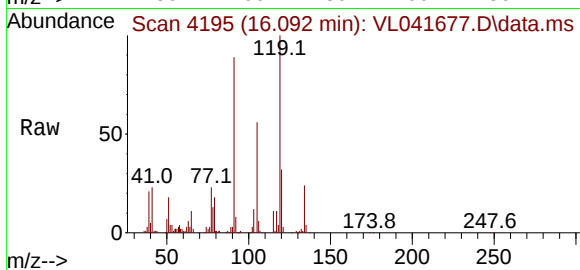
Tgt Ion:119 Resp: 162846

Ion Ratio Lower Upper

119 100

91 86.0 64.3 96.5

134 20.8 15.8 23.8



#66

Benzyl Chloride

Concen: 0.076 ppbv

RT: 16.330 min Scan# 4269

Delta R.T. 0.003 min

Lab File: VL041677.D

Acq: 7 Nov 2024 12:13

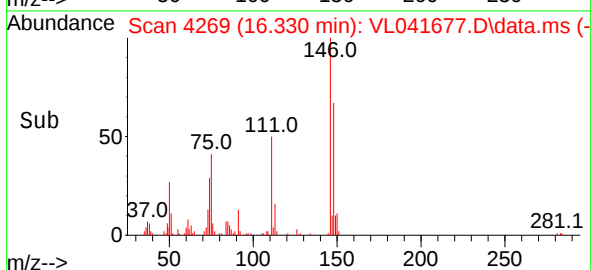
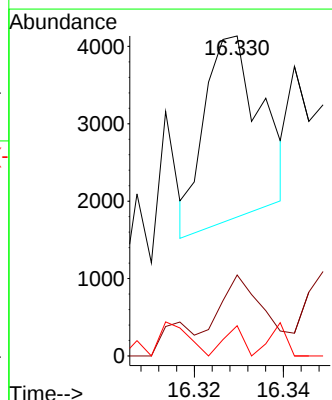
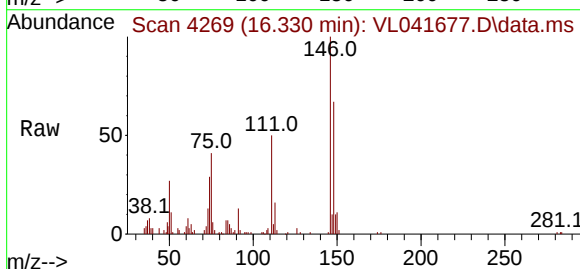
Tgt Ion: 91 Resp: 2089

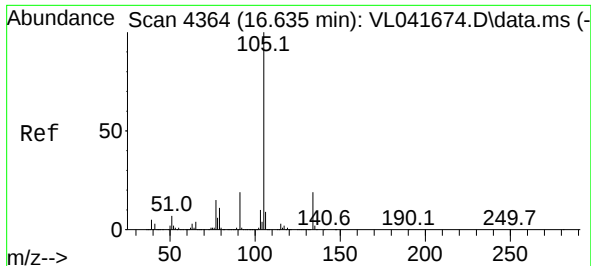
Ion Ratio Lower Upper

91 100

126 0.0 13.8 20.6#

128 21.9 4.3 6.5#





#67

sec-Butylbenzene

Concen: 0.429 ppbv

RT: 16.638 min Scan# 4364

Delta R.T. 0.003 min

Lab File: VL041677.D

Acq: 7 Nov 2024 12:13

Instrument :

MSVOA_L

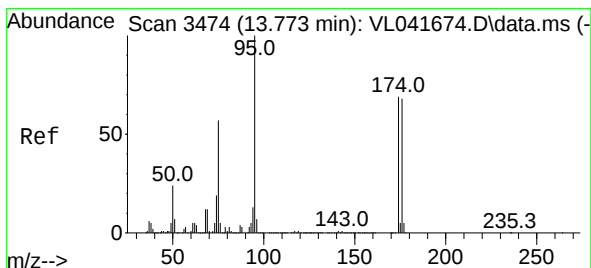
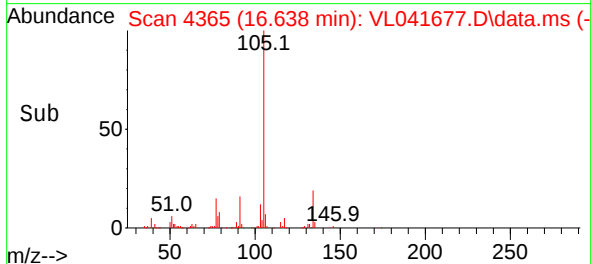
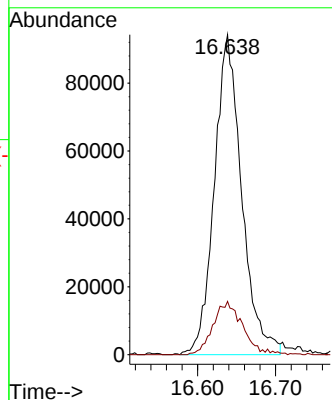
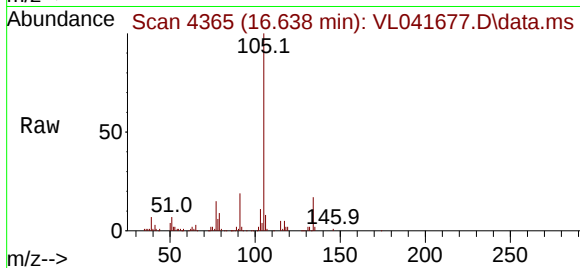
ClientSampleId :

Tgt Ion:105 Resp: 230007

Ion Ratio Lower Upper

105 100

134 18.1 14.6 22.0



#68

1-Bromo-4-Fluorobenzene

Concen: 10.318 ppbv

RT: 13.777 min Scan# 3475

Delta R.T. 0.003 min

Lab File: VL041677.D

Acq: 7 Nov 2024 12:13

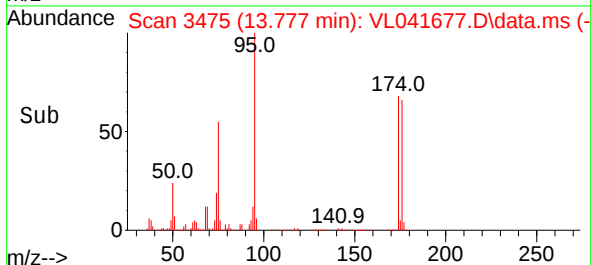
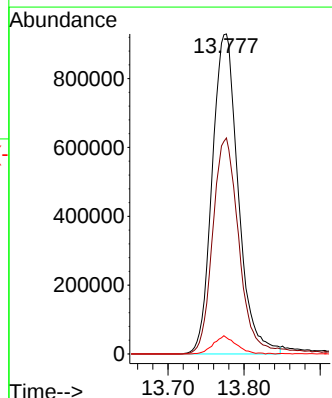
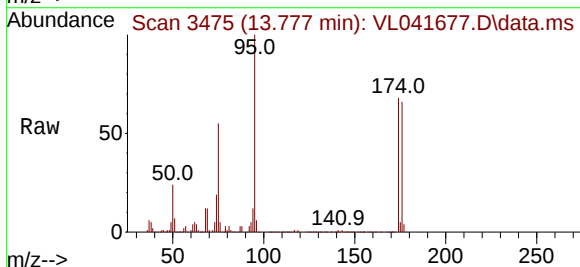
Tgt Ion: 95 Resp: 2213310

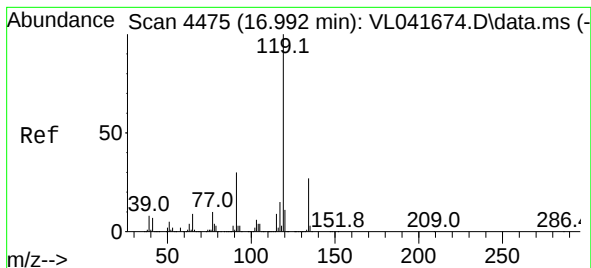
Ion Ratio Lower Upper

95 100

174 69.7 55.6 83.4

175 5.1 4.2 6.2





#69

p-Isopropyltoluene

Concen: 0.389 ppbv

RT: 16.995 min Scan# 4475

Delta R.T. 0.003 min

Lab File: VL041677.D

Acq: 7 Nov 2024 12:13

Instrument :

MSVOA_L

ClientSampleId :

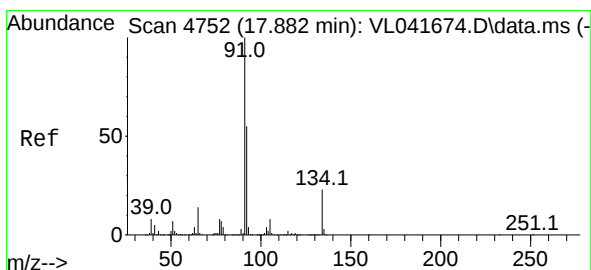
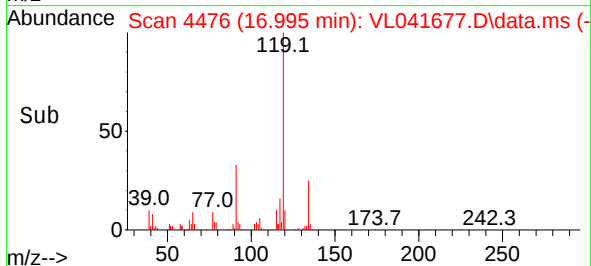
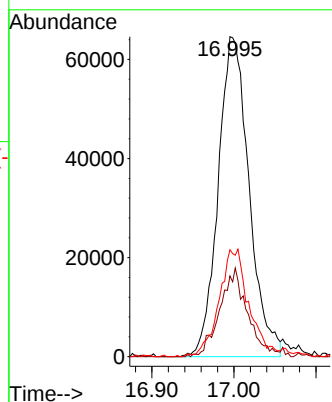
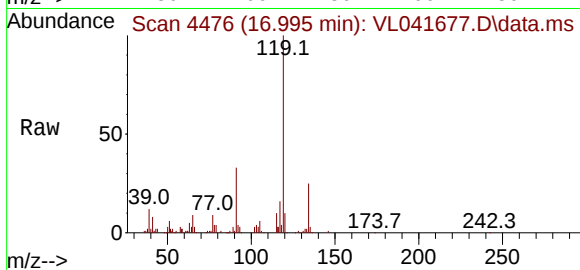
Tgt Ion:119 Resp: 169014

Ion Ratio Lower Upper

119 100

134 25.1 20.8 31.2

91 33.6 23.2 34.8



#70

n-Butylbenzene

Concen: 0.356 ppbv

RT: 17.892 min Scan# 4755

Delta R.T. 0.010 min

Lab File: VL041677.D

Acq: 7 Nov 2024 12:13

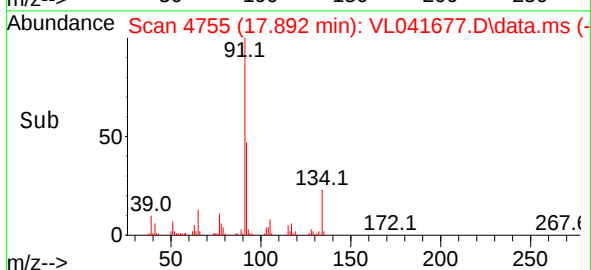
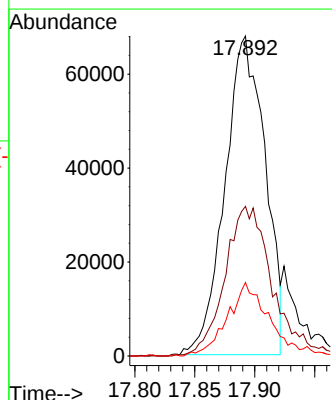
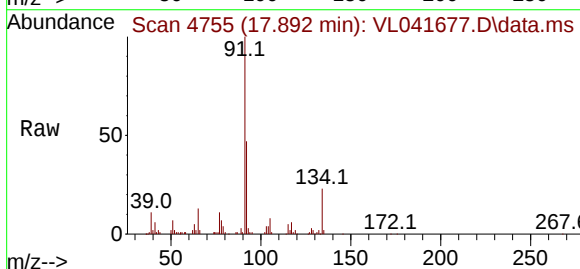
Tgt Ion: 91 Resp: 158268

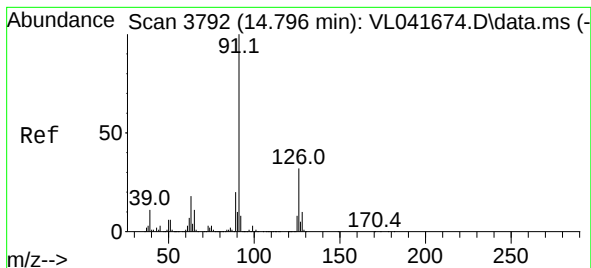
Ion Ratio Lower Upper

91 100

92 55.7 43.3 64.9

134 24.3 18.4 27.6





#71

2-Chlorotoluene

Concen: 0.401 ppbv

RT: 14.802 min Scan# 3794

Delta R.T. 0.007 min

Lab File: VL041677.D

Acq: 7 Nov 2024 12:13

Instrument :

MSVOA_L

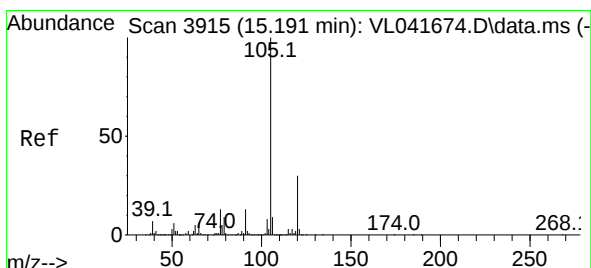
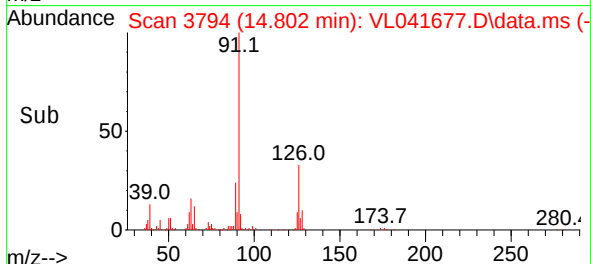
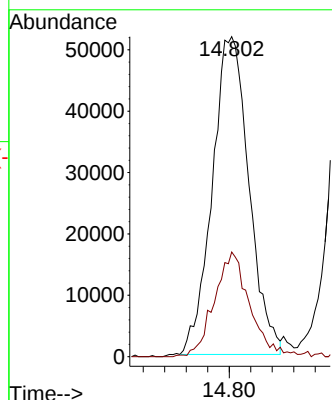
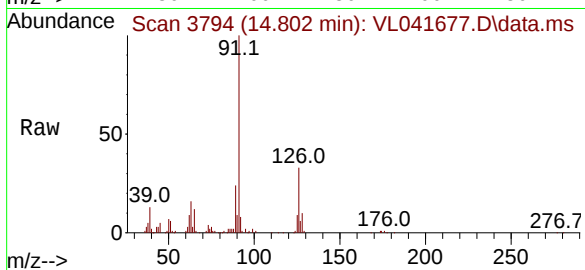
ClientSampleId :

Tgt Ion: 91 Resp: 122982

Ion Ratio Lower Upper

91 100

126 31.8 12.8 51.0



#72

4-Ethyltoluene

Concen: 0.356 ppbv

RT: 15.191 min Scan# 3915

Delta R.T. 0.000 min

Lab File: VL041677.D

Acq: 7 Nov 2024 12:13

Tgt Ion:105 Resp: 113592

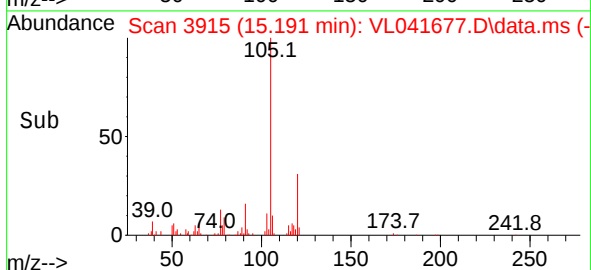
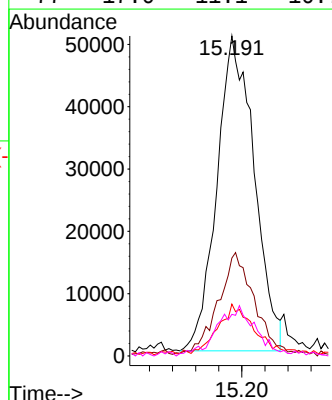
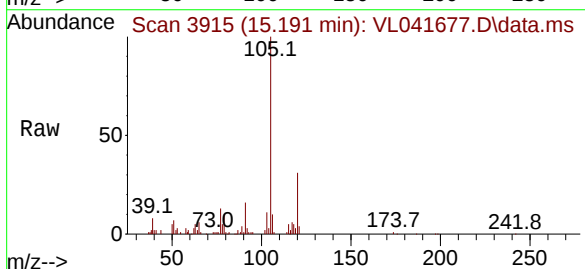
Ion Ratio Lower Upper

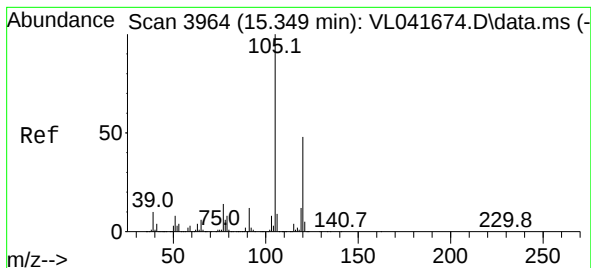
105 100

120 33.4 25.0 37.4

91 19.0 10.6 15.8#

77 17.0 11.1 16.7#





#73

1,3,5-Trimethylbenzene

Concen: 0.250 ppbv

RT: 15.355 min Scan# 3966

Delta R.T. 0.007 min

Lab File: VL041677.D

Acq: 7 Nov 2024 12:13

Instrument :

MSVOA_L

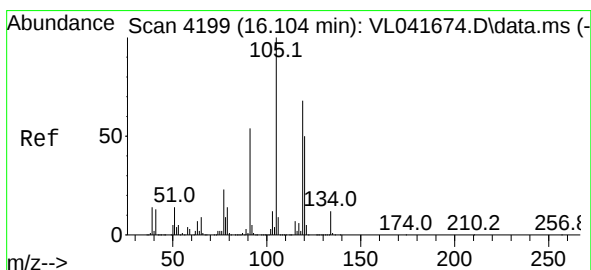
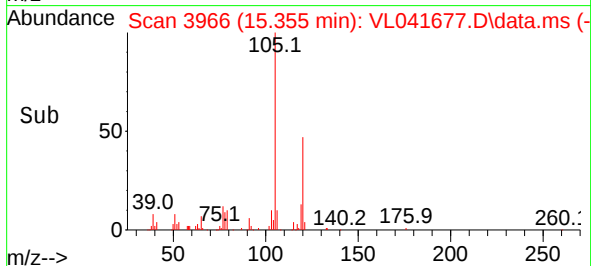
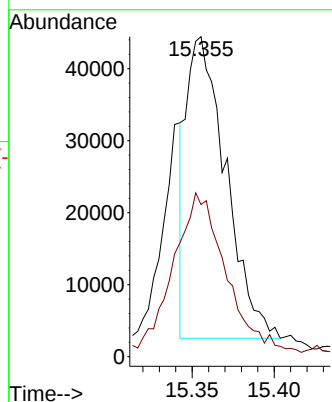
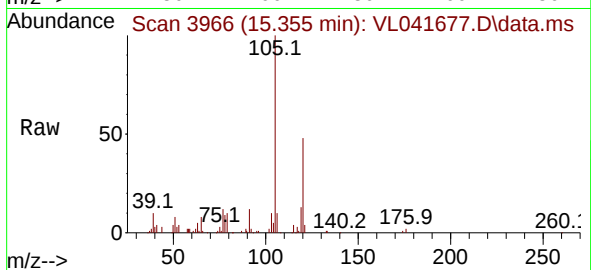
ClientSampleId :

Tgt Ion:105 Resp: 69729

Ion Ratio Lower Upper

105 100

120 47.0 38.4 57.6



#74

1,2,4-Trimethylbenzene

Concen: 0.437 ppbv

RT: 16.111 min Scan# 4201

Delta R.T. 0.007 min

Lab File: VL041677.D

Acq: 7 Nov 2024 12:13

Tgt Ion:105 Resp: 142178

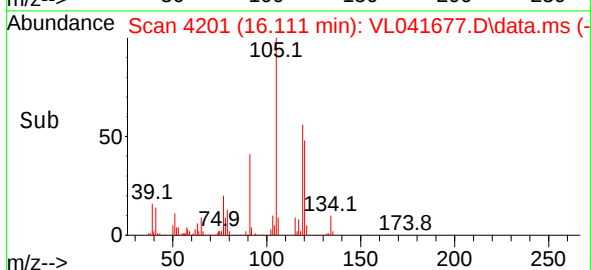
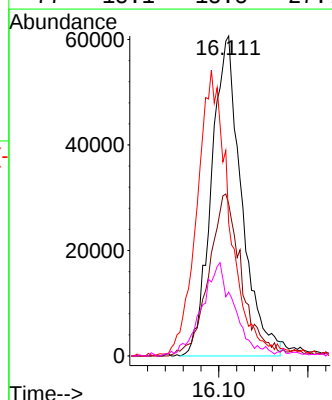
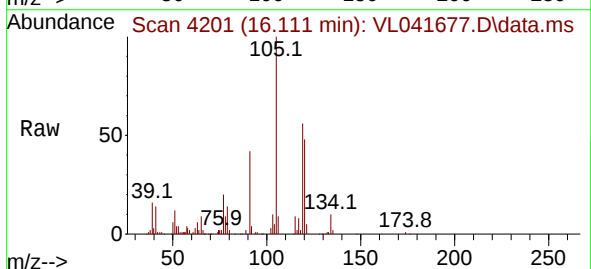
Ion Ratio Lower Upper

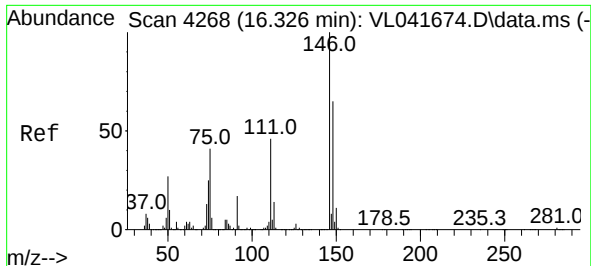
105 100

120 46.3 39.8 59.8

91 39.2 43.2 64.8#

77 18.1 18.5 27.7#





#75

1,3-Dichlorobenzene

Concen: 0.167 ppbv

RT: 16.323 min Scan# 41

Delta R.T. -0.003 min

Lab File: VL041677.D

Acq: 7 Nov 2024 12:13

Instrument :

MSVOA_L

ClientSampleId :

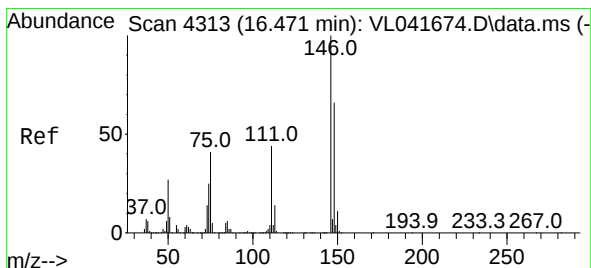
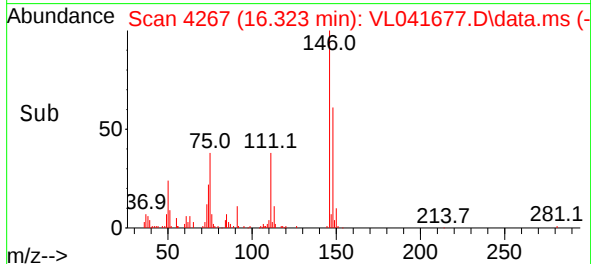
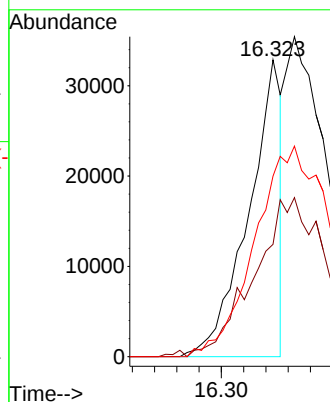
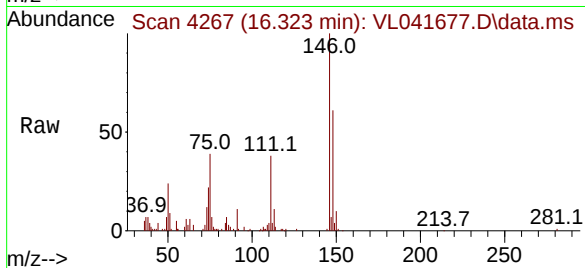
Tgt Ion:146 Resp: 33527

Ion Ratio Lower Upper

146 100

111 0.0 22.8 68.3#

148 0.0 32.4 97.0#



#76

1,4-Dichlorobenzene

Concen: 0.033 ppbv

RT: 16.468 min Scan# 4312

Delta R.T. -0.003 min

Lab File: VL041677.D

Acq: 7 Nov 2024 12:13

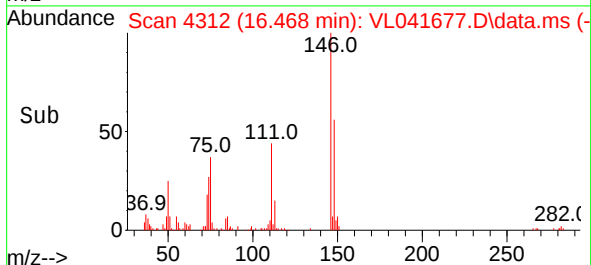
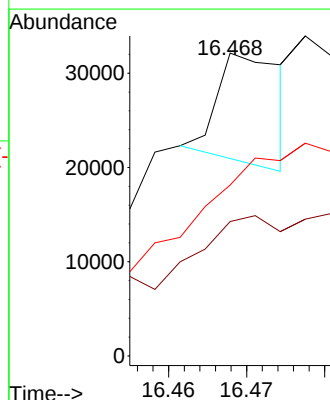
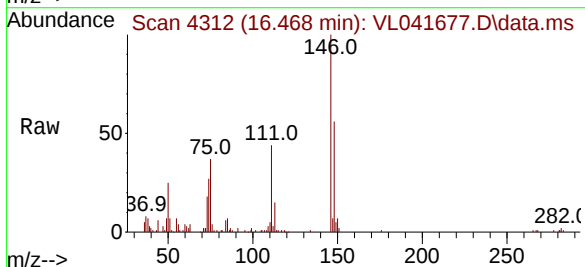
Tgt Ion:146 Resp: 6516

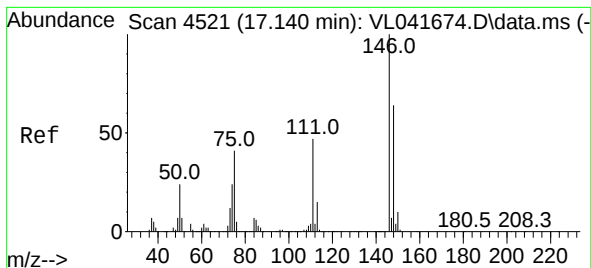
Ion Ratio Lower Upper

146 100

111 0.0 22.1 66.3#

148 0.0 33.3 99.8#





#77

1,2-Dichlorobenzene

Concen: 0.468 ppbv

RT: 17.146 min Scan# 4521

Delta R.T. 0.007 min

Lab File: VL041677.D

Acq: 7 Nov 2024 12:13

Instrument :

MSVOA_L

ClientSampleId :

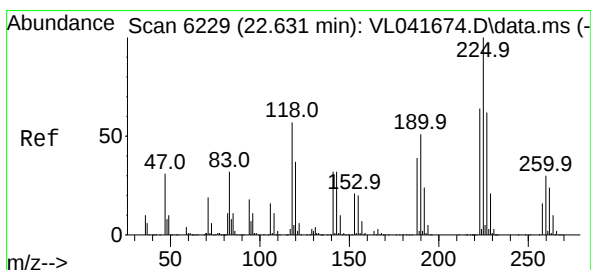
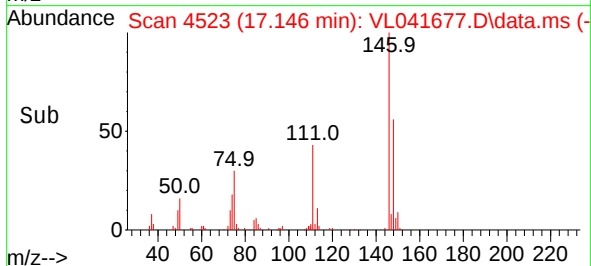
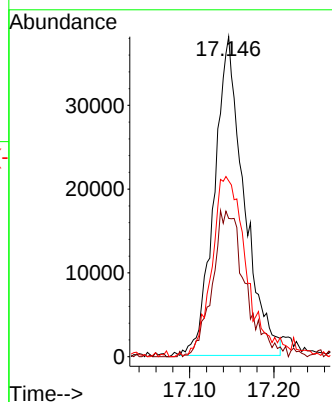
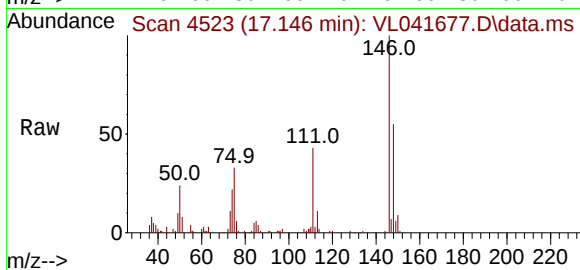
Tgt Ion:146 Resp: 93228

Ion Ratio Lower Upper

146 100

111 52.2 23.4 70.3

148 67.8 32.1 96.5



#78

Hexachloro-1,3-Butadiene

Concen: 0.414 ppbv

RT: 22.638 min Scan# 6231

Delta R.T. 0.007 min

Lab File: VL041677.D

Acq: 7 Nov 2024 12:13

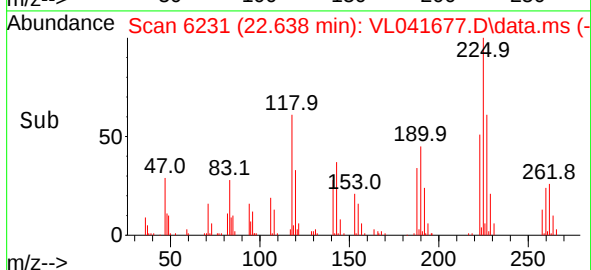
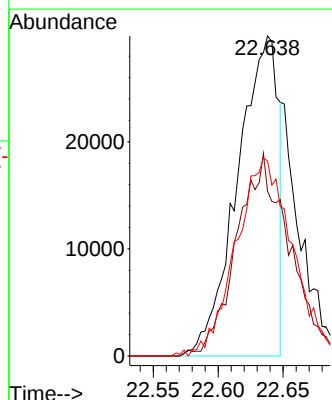
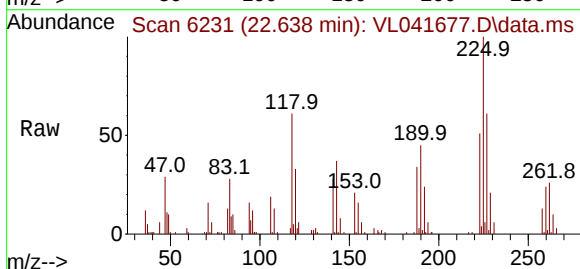
Tgt Ion:225 Resp: 65313

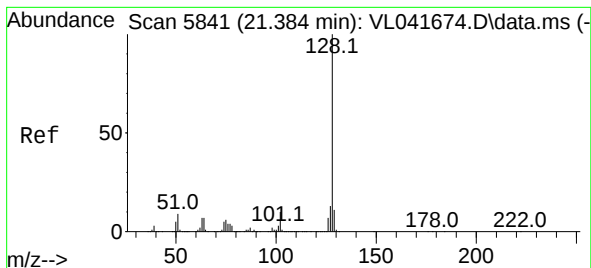
Ion Ratio Lower Upper

225 100

223 82.2 51.1 76.7#

227 87.7 51.3 76.9#





#79

Naphthalene

Concen: 0.185 ppbv

RT: 21.397 min Scan# 51

Delta R.T. 0.013 min

Lab File: VL041677.D

Acq: 7 Nov 2024 12:13

Instrument :

MSVOA_L

ClientSampleId :

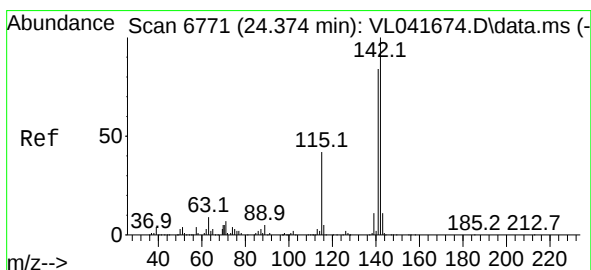
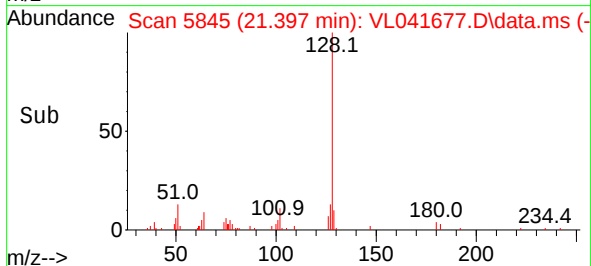
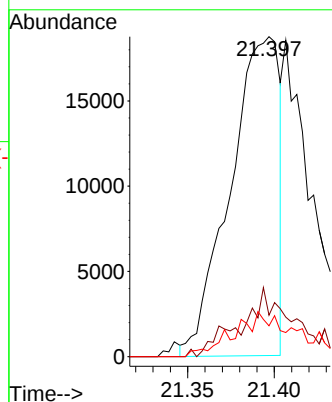
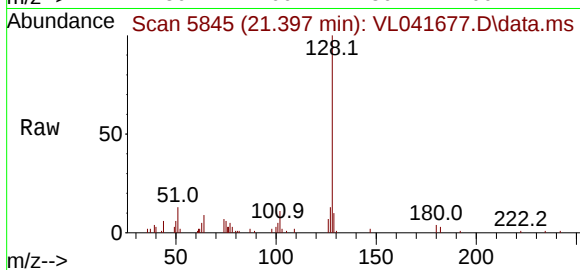
Tgt Ion:128 Resp: 36894

Ion Ratio Lower Upper

128 100

127 9.8 10.5 15.7#

129 10.0 8.7 13.1



#80

Naphthalene,2-methyl-

Concen: 0.304 ppbv

RT: 24.410 min Scan# 6782

Delta R.T. 0.036 min

Lab File: VL041677.D

Acq: 7 Nov 2024 12:13

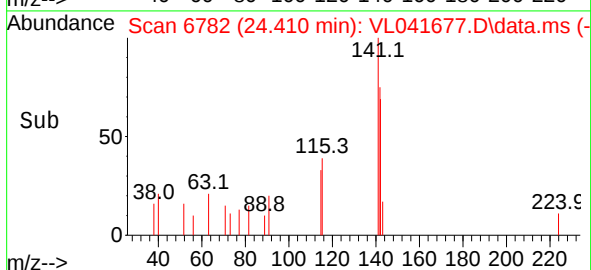
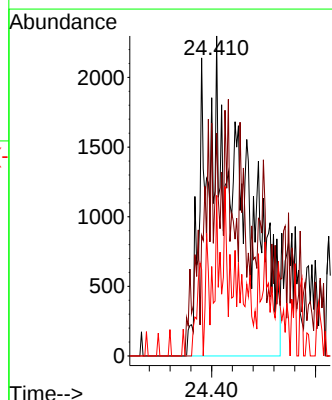
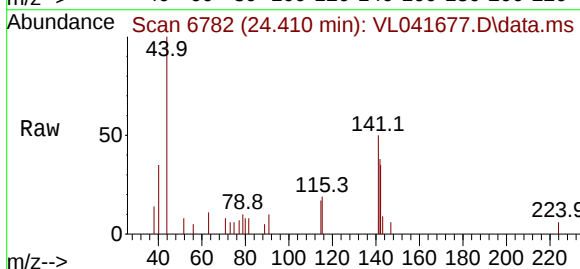
Tgt Ion:142 Resp: 11292

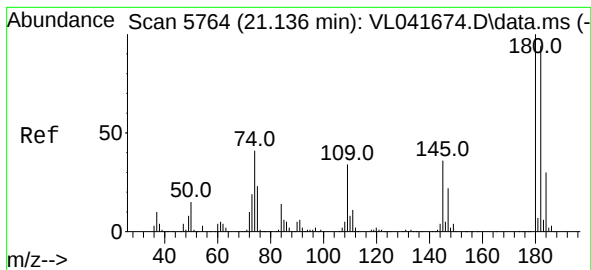
Ion Ratio Lower Upper

142 100

141 48.5 68.1 102.1#

115 20.6 33.1 49.7#





#81

1,2,4-Trichlorobenzene

Concen: 0.149 ppbv

RT: 21.143 min Scan# 51

Delta R.T. 0.007 min

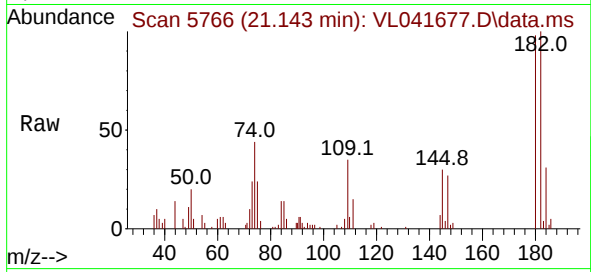
Lab File: VL041677.D

Acq: 7 Nov 2024 12:13

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:180 Resp: 18569

Ion Ratio Lower Upper

180 100

182 249.5 78.2 117.2#

184 0.0 25.0 37.4#

