

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110724\
 Data File : VL041678.D
 Acq On : 7 Nov 2024 12:52
 Operator : SY/MD
 Sample : VSTDICC0.1
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.1

Quant Time: Nov 08 00:11:58 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	1123559	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.648	114	3159589	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	2815160	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.774	95	2112048	10.145	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.400%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.722	85	20328	0.100	ppbv	93
3) Chlorodifluoromethane	2.668	51	14728	0.101	ppbv	96
4) Chloromethane	2.806	50	7476	0.096	ppbv	97
5) Vinyl Chloride	2.915	62	5503	0.078	ppbv	97
6) Bromomethane	3.115	94	3797	0.103	ppbv #	57
7) Chloroethane	3.195	64	1157	0.045	ppbv #	78
8) Dichlorotetrafluoroethane	2.848	85	15932	0.088	ppbv	96
9) Propene	2.687	41	8339	0.131	ppbv	94
10) Heptane	7.578	43	4990	0.035	ppbv #	62
11) Trichlorofluoromethane	3.552	101	15971	0.090	ppbv	90
12) 1,1,2-Trichlorotrifluo...	4.060	101	6848	0.053	ppbv #	27
13) Ethanol	3.243	45	204	0.051	ppbv #	40
14) Bromoethene	3.362	108	3969	0.077	ppbv #	89
15) Acetone	3.488	43	20040	0.145	ppbv #	81
16) 1,3-Butadiene	2.980	39	6807	0.098	ppbv #	79
17) tert-Butyl alcohol	3.899	59	4770	0.039	ppbv #	72
18) 1,1-Dichloroethene	3.874	96	5246	0.093	ppbv	96
19) Isopropyl Alcohol	3.555	45	63	0.001	ppbv #	91
20) Methylene Chloride	3.925	84	12266	0.241	ppbv #	81
21) Allyl Chloride	3.993	41	7496	0.088	ppbv #	79
22) trans-1,2-Dichloroethene	4.439	96	2308	0.041	ppbv	93
23) Vinyl Acetate	4.613	43	837	0.013	ppbv #	1
24) 1,1-Dichloroethane	4.558	63	10607	0.085	ppbv #	83
25) Ethyl Acetate	5.214	43	12615	0.044	ppbv #	76
26) Hexane	5.205	57	5831	0.053	ppbv #	43
27) Carbon Disulfide	4.124	76	7166	0.058	ppbv #	1
28) Methyl tert-Butyl Ether	4.584	73	768	0.011	ppbv #	51
29) Chloroform	5.266	83	15654	0.086	ppbv	92
30) Cyclohexane	6.594	84	1619	0.018	ppbv #	1
31) cis-1,2-Dichloroethene	5.076	61	4534	0.043	ppbv #	79
32) 1,1,1-Trichloroethane	6.002	97	7181	0.043	ppbv #	29
34) 2-Butanone	4.793	43	2207	0.014	ppbv #	54
35) Carbon Tetrachloride	6.488	117	7302	0.044	ppbv #	80
36) Benzene	6.362	78	7427	0.032	ppbv #	93
37) 1,2-Dichloroethane	5.806	62	8849	0.067	ppbv #	84
38) Trichloroethene	7.282	130	3343	0.037	ppbv #	66
39) 1,2-Dichloropropane	6.645	63	775538	8.383	ppbv #	24
40) 1,4-Dioxane	7.275	88	38	0.001	ppbv #	1
41) Tetrahydrofuran	5.587	42	2579	0.029	ppbv #	52
42) Bromodichloromethane	7.246	83	8093	0.044	ppbv #	96
43) Methyl Methacrylate	7.468	69	525	0.006	ppbv #	1
44) 2,2,4-Trimethylpentane	7.320	57	2744	0.007	ppbv #	1
45) t-1,3-Dichloropropene	8.693	75	538	0.007	ppbv	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110724\
 Data File : VL041678.D
 Acq On : 7 Nov 2024 12:52
 Operator : SY/MD
 Sample : VSTDICC0.1
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.1

Quant Time: Nov 08 00:11:58 2024
 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

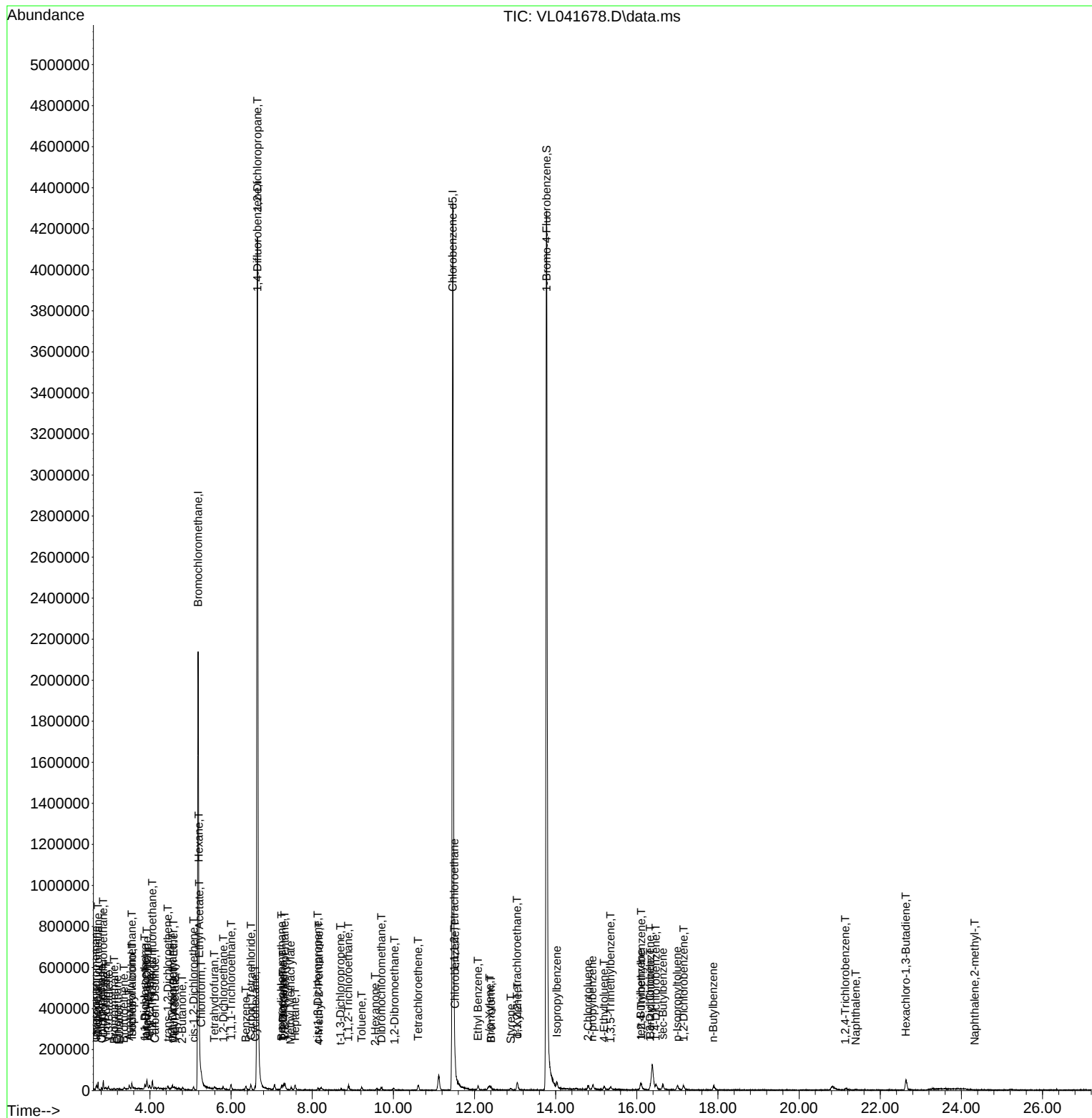
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.140	75	1104	0.010	ppbv #	21
47) 1,1,2-Trichloroethane	8.889	97	2963	0.030	ppbv #	88
48) Dibromochloromethane	9.706	129	1289	0.008	ppbv #	10
49) Bromoform	12.407	173	5111	0.039	ppbv #	70
50) 4-Methyl-2-Pentanone	8.166	43	129	0.001	ppbv #	40
51) 2-Hexanone	9.555	43	130	0.001	ppbv #	31
52) Tetrachloroethene	10.613	164	4385	0.055	ppbv #	68
53) Toluene	9.217	91	6426	0.026	ppbv #	48
54) 1,2-Dibromoethane	10.028	107	948	0.008	ppbv	87
56) 1,1,1,2-Tetrachloroethane	11.503	131	5532	0.047	ppbv #	19
57) Chlorobenzene	11.520	112	8824	0.042	ppbv #	47
58) Ethyl Benzene	12.085	91	8058	0.026	ppbv #	76
59) m/p-Xylene	12.372	91	2522	0.009	ppbv #	30
60) o-Xylene	13.060	91	4516	0.017	ppbv #	27
61) Styrene	12.896	104	1175	0.011	ppbv #	29
62) Isopropylbenzene	14.028	105	7473	0.018	ppbv #	49
63) 1,1,2,2-Tetrachloroethane	13.047	83	6699	0.035	ppbv #	25
64) n-propylbenzene	14.905	120	1772	0.016	ppbv #	1
65) tert-Butylbenzene	16.095	119	5771	0.016	ppbv #	12
66) Benzyl Chloride	16.333	91	477	0.018	ppbv #	66
67) sec-Butylbenzene	16.642	105	5110	0.010	ppbv #	1
69) p-Isopropyltoluene	16.995	119	3874	0.009	ppbv #	47
70) n-Butylbenzene	17.883	91	2579	0.006	ppbv #	33
71) 2-Chlorotoluene	14.799	91	5048	0.017	ppbv	78
72) 4-Ethyltoluene	15.191	105	5148	0.017	ppbv #	18
73) 1,3,5-Trimethylbenzene	15.349	105	4231	0.016	ppbv #	78
74) 1,2,4-Trimethylbenzene	16.111	105	3618	0.011	ppbv #	45
75) 1,3-Dichlorobenzene	16.326	146	2267	0.012	ppbv #	23
76) 1,4-Dichlorobenzene	16.468	146	2512	0.013	ppbv #	1
77) 1,2-Dichlorobenzene	17.153	146	6040	0.031	ppbv #	27
78) Hexachloro-1,3-Butadiene	22.632	225	5833	0.038	ppbv #	1
79) Naphthalene	21.394	128	1624	0.008	ppbv #	69
80) Naphthalene,2-methyl-	24.329	142	34	0.001	ppbv #	16
81) 1,2,4-Trichlorobenzene	21.137	180	609	0.005	ppbv #	11

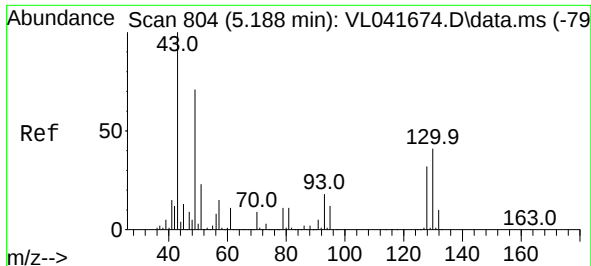
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110724\
 Data File : VL041678.D
 Acq On : 7 Nov 2024 12:52
 Operator : SY/MD
 Sample : VSTDICC0.1
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.1

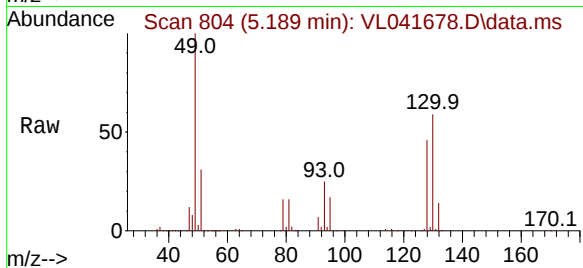
Quant Time: Nov 08 00:11:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110724AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Nov 08 00:07:44 2024
 Response via : Initial Calibration



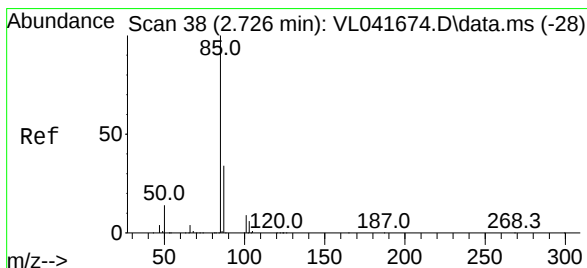
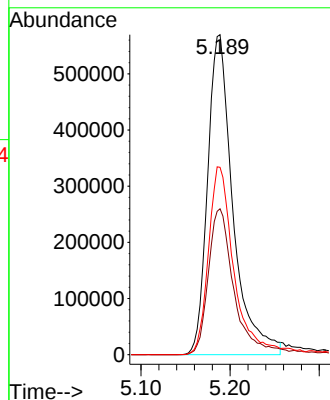
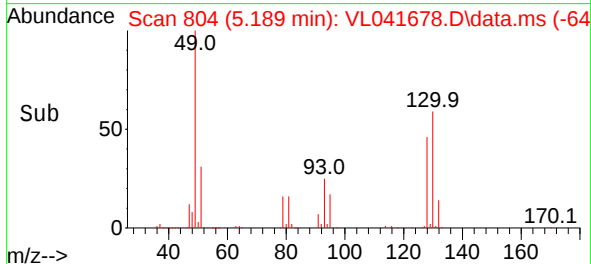


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.189 min Scan# 80
Delta R.T. 0.001 min
Lab File: VL041678.D
Acq: 7 Nov 2024 12:52

Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

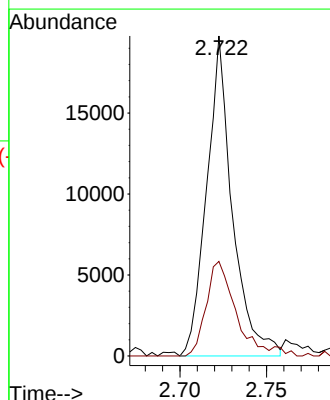
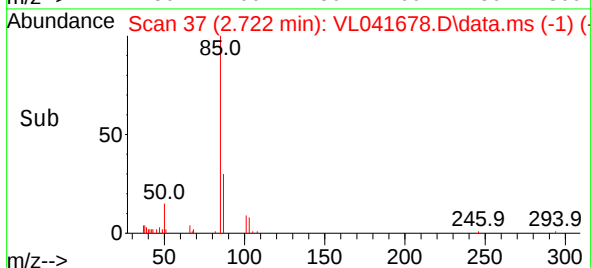
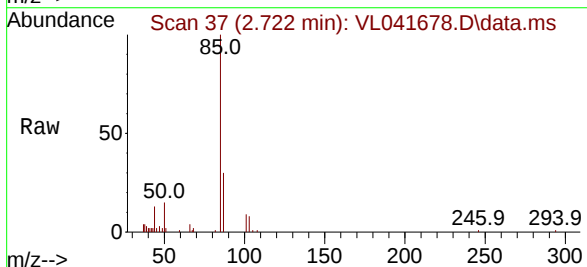


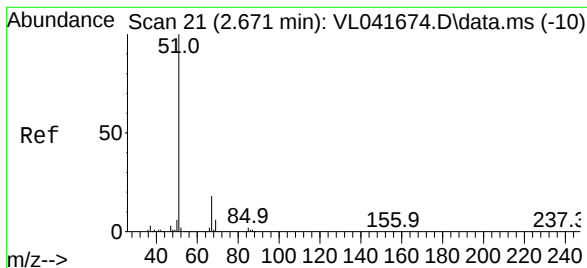
Tgt Ion: 49 Resp: 1123559
Ion Ratio Lower Upper
49 100
128 48.3 23.8 71.2
130 62.1 30.1 90.5



#2
Dichlorodifluoromethane
Concen: 0.100 ppbv
RT: 2.722 min Scan# 37
Delta R.T. -0.003 min
Lab File: VL041678.D
Acq: 7 Nov 2024 12:52

Tgt Ion: 85 Resp: 20328
Ion Ratio Lower Upper
85 100
87 29.5 26.8 40.2





#3

Chlorodifluoromethane

Concen: 0.101 ppbv

RT: 2.668 min Scan# 20

Delta R.T. -0.003 min

Lab File: VL041678.D

Acq: 7 Nov 2024 12:52

Instrument :

MSVOA_L

ClientSampleId :

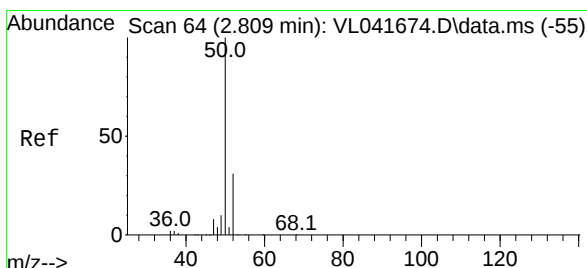
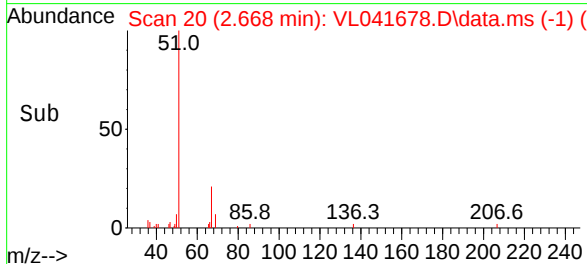
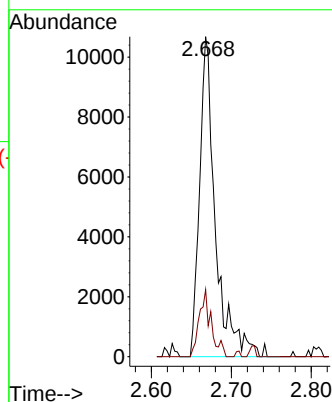
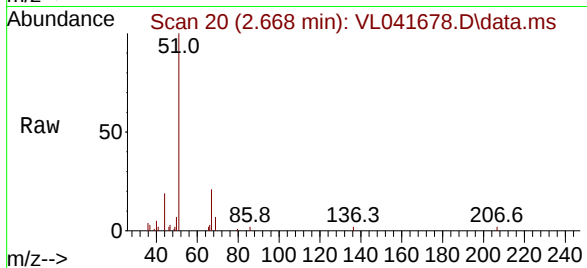
VSTDIC0.1

Tgt Ion: 51 Resp: 14728

Ion Ratio Lower Upper

51 100

67 15.8 13.9 20.9



#4

Chloromethane

Concen: 0.096 ppbv

RT: 2.806 min Scan# 63

Delta R.T. -0.003 min

Lab File: VL041678.D

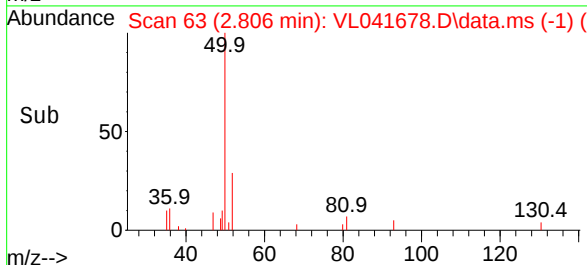
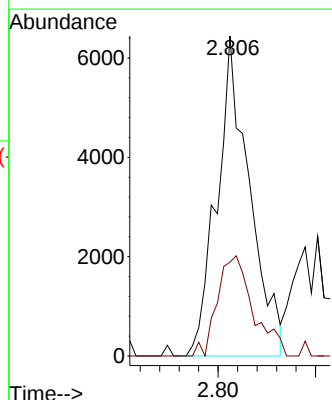
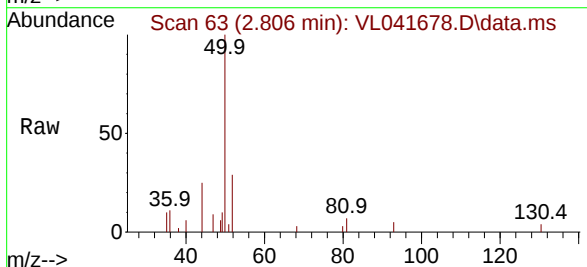
Acq: 7 Nov 2024 12:52

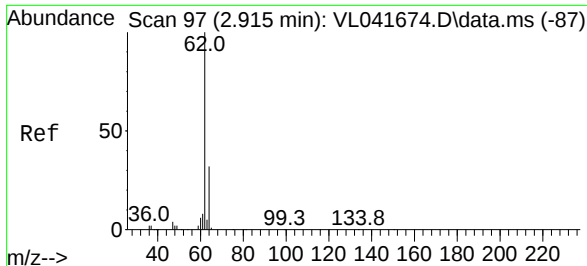
Tgt Ion: 50 Resp: 7476

Ion Ratio Lower Upper

50 100

52 29.3 24.9 37.3

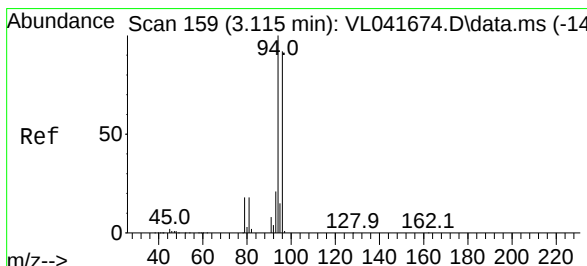
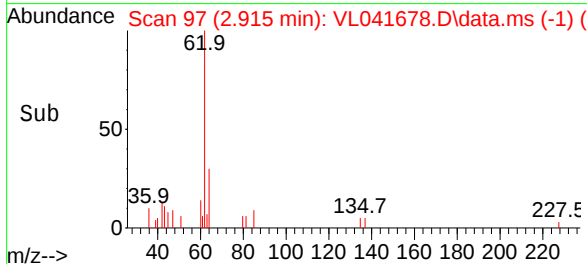
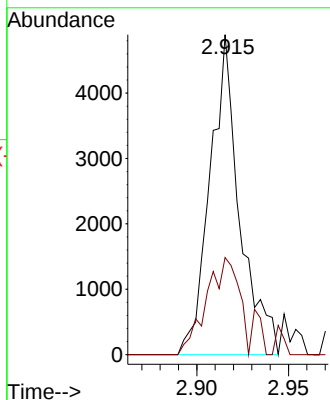
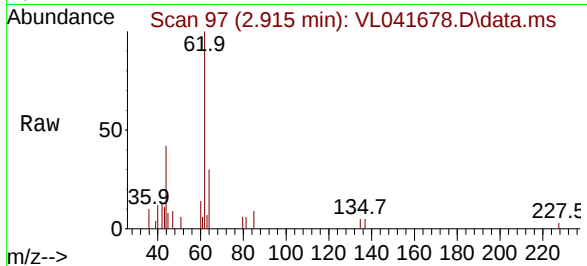




#5
 Vinyl Chloride
 Concen: 0.078 ppbv
 RT: 2.915 min Scan# 97
 Delta R.T. 0.000 min
 Lab File: VL041678.D
 Acq: 7 Nov 2024 12:52

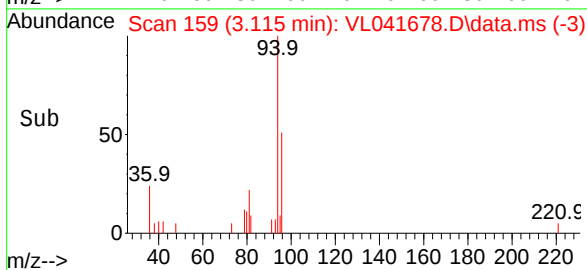
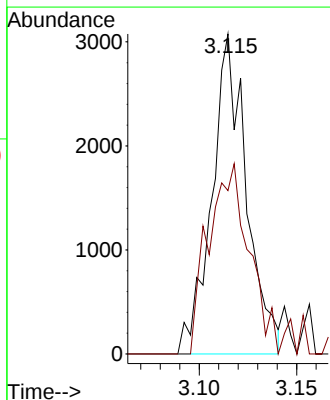
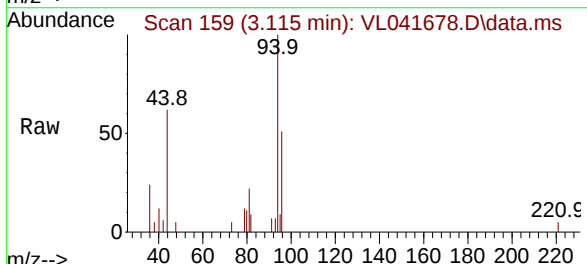
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.1

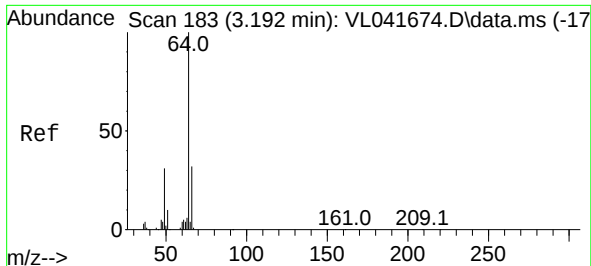
Tgt Ion: 62 Resp: 5503
 Ion Ratio Lower Upper
 62 100
 64 30.4 25.4 38.2



#6
 Bromomethane
 Concen: 0.103 ppbv
 RT: 3.115 min Scan# 159
 Delta R.T. 0.000 min
 Lab File: VL041678.D
 Acq: 7 Nov 2024 12:52

Tgt Ion: 94 Resp: 3797
 Ion Ratio Lower Upper
 94 100
 96 51.0 73.4 110.2#

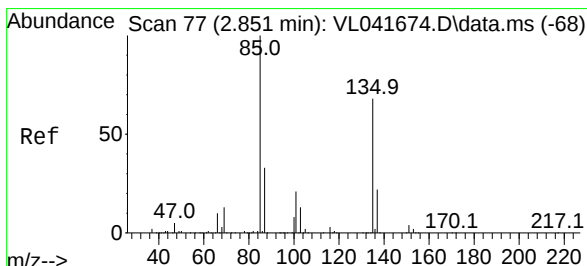
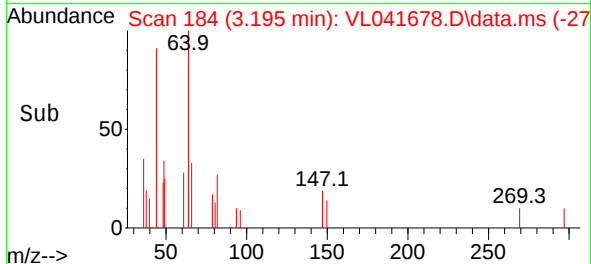
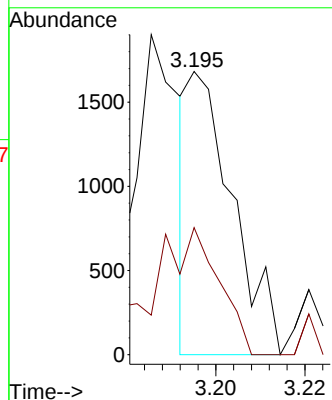
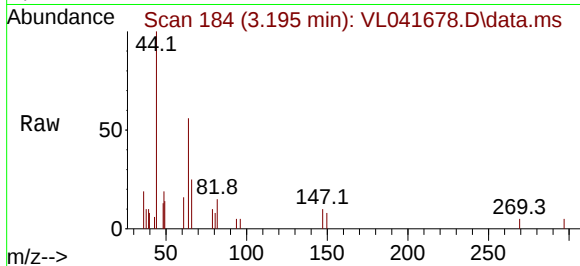




#7
Chloroethane
Concen: 0.045 ppbv
RT: 3.195 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL041678.D
Acq: 7 Nov 2024 12:52

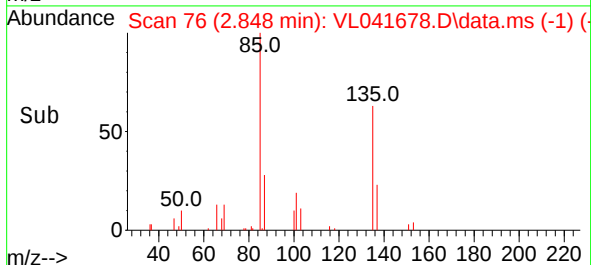
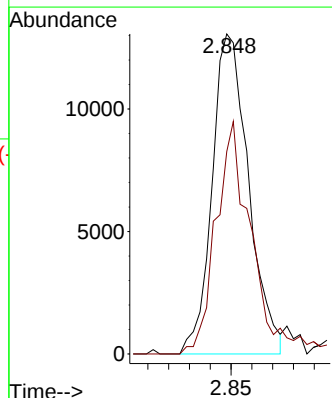
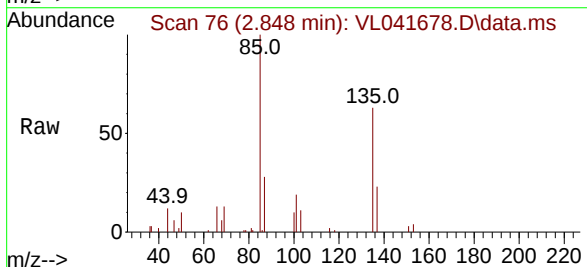
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

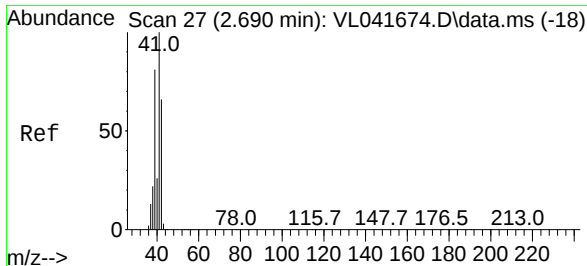
Tgt Ion: 64 Resp: 1157
Ion Ratio Lower Upper
64 100
66 44.9 25.9 38.9#



#8
Dichlorotetrafluoroethane
Concen: 0.088 ppbv
RT: 2.848 min Scan# 76
Delta R.T. -0.003 min
Lab File: VL041678.D
Acq: 7 Nov 2024 12:52

Tgt Ion: 85 Resp: 15932
Ion Ratio Lower Upper
85 100
135 73.0 55.5 83.3





#9

Propene

Concen: 0.131 ppbv

RT: 2.687 min Scan# 2

Delta R.T. -0.003 min

Lab File: VL041678.D

Acq: 7 Nov 2024 12:52

Instrument :

MSVOA_1

ClientSampleId :

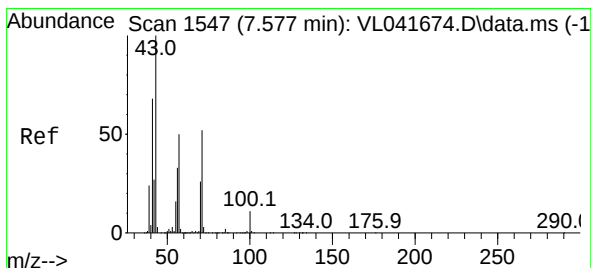
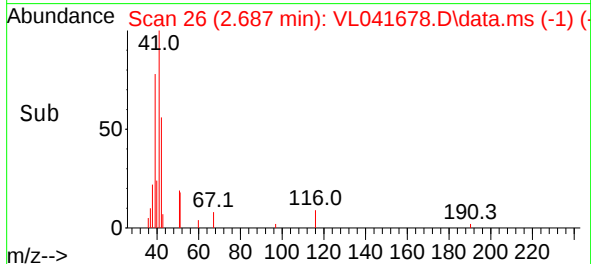
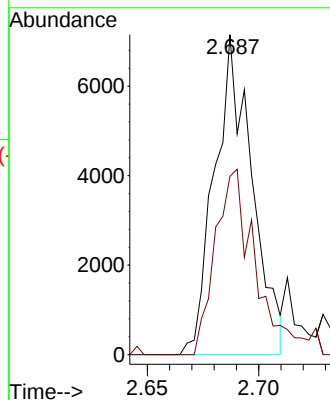
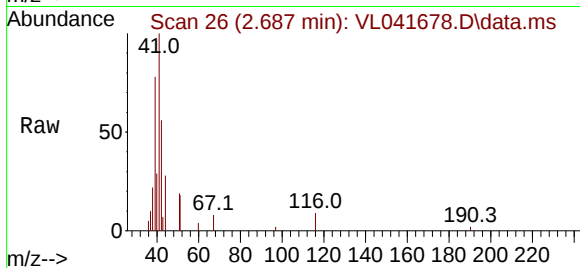
VSTDIC0.1

Tgt Ion: 41 Resp: 8339

Ion Ratio Lower Upper

41 100

42 63.8 55.0 82.4



#10

Heptane

Concen: 0.035 ppbv

RT: 7.578 min Scan# 1547

Delta R.T. 0.000 min

Lab File: VL041678.D

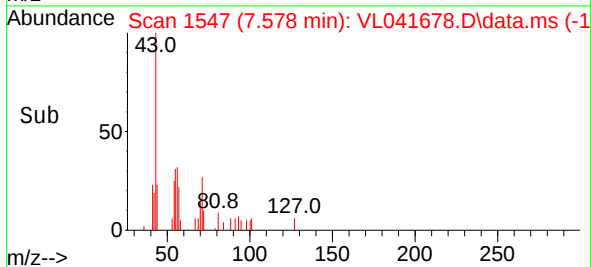
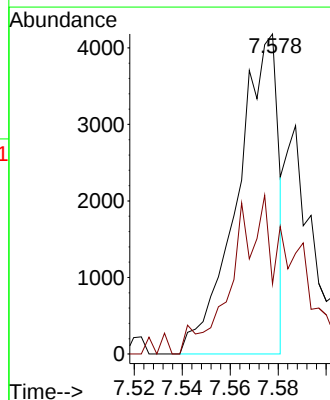
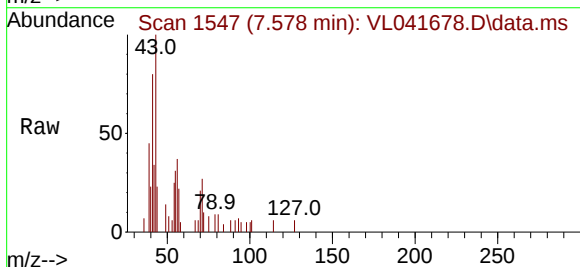
Acq: 7 Nov 2024 12:52

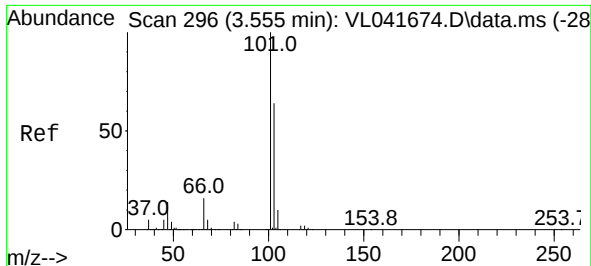
Tgt Ion: 43 Resp: 4990

Ion Ratio Lower Upper

43 100

57 76.1 40.0 60.0#





#11

Trichlorofluoromethane

Concen: 0.090 ppbv

RT: 3.552 min Scan# 296

Delta R.T. -0.003 min

Lab File: VL041678.D

Acq: 7 Nov 2024 12:52

Instrument :

MSVOA_1

ClientSampleId :

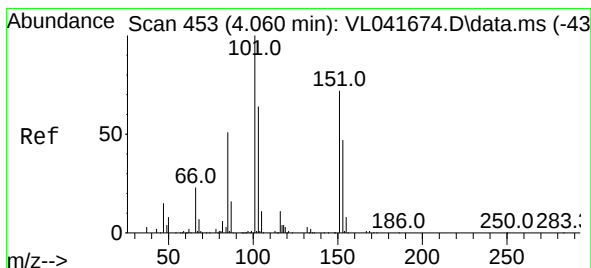
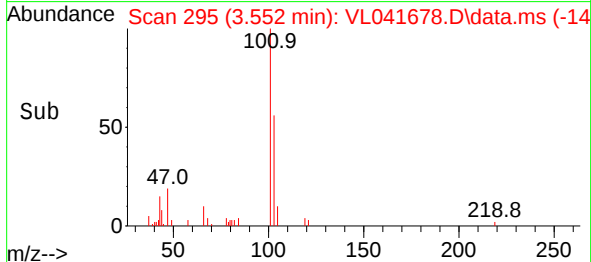
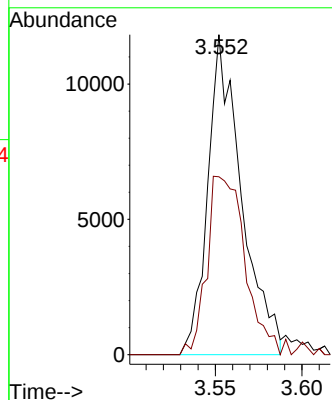
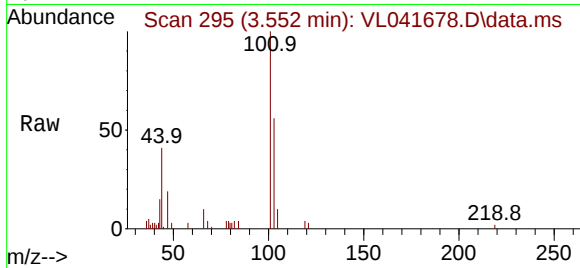
VSTDIC0.1

Tgt Ion:101 Resp: 15971

Ion Ratio Lower Upper

101 100

103 55.6 51.0 76.6



#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.053 ppbv

RT: 4.060 min Scan# 453

Delta R.T. 0.000 min

Lab File: VL041678.D

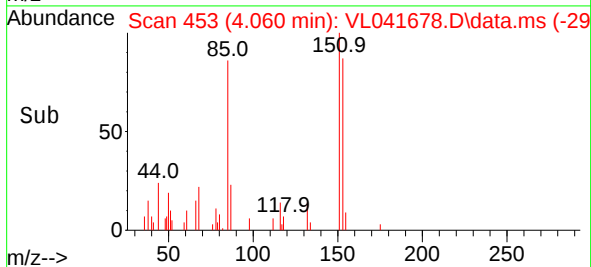
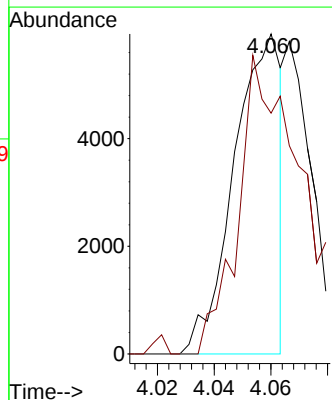
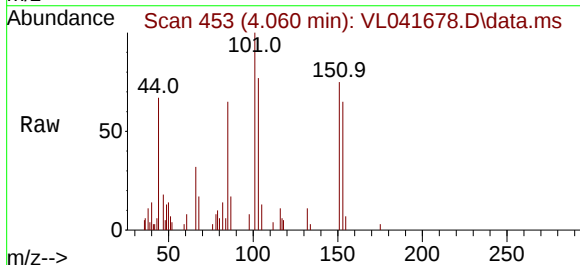
Acq: 7 Nov 2024 12:52

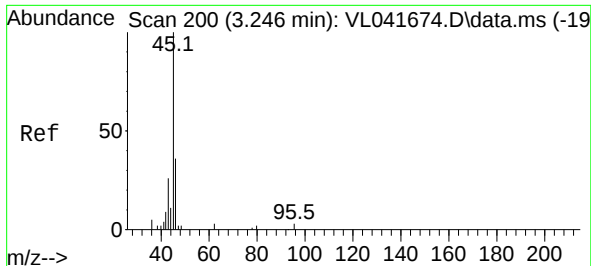
Tgt Ion:101 Resp: 6848

Ion Ratio Lower Upper

101 100

151 135.6 59.1 88.7#





#13

Ethanol

Concen: 0.051 ppbv

RT: 3.243 min Scan# 199

Delta R.T. -0.003 min

Lab File: VL041678.D

Acq: 7 Nov 2024 12:52

Instrument :

MSVOA_1

ClientSampleId :

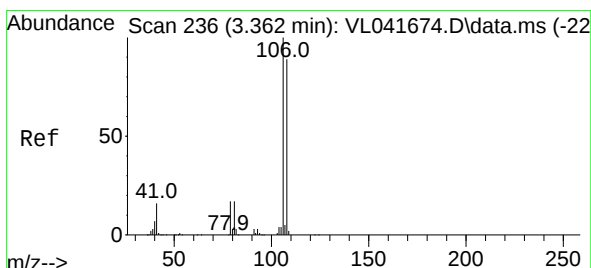
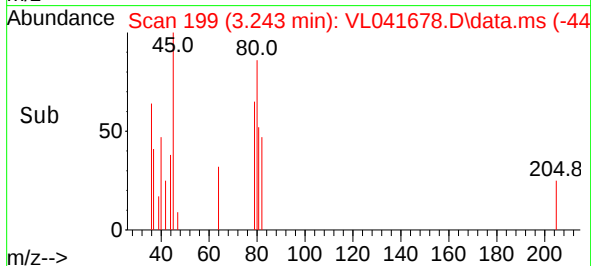
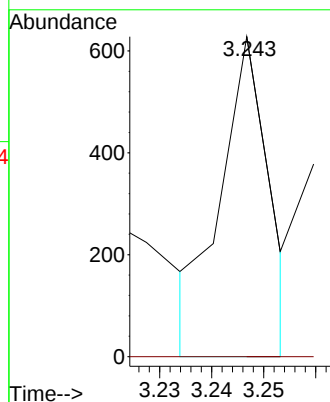
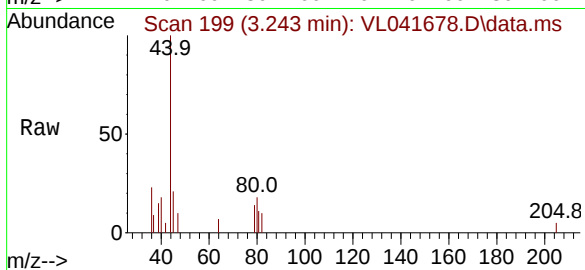
VSTDIC0.1

Tgt Ion: 45 Resp: 204

Ion Ratio Lower Upper

45 100

46 0.0 13.8 55.2#



#14

Bromoethene

Concen: 0.077 ppbv

RT: 3.362 min Scan# 236

Delta R.T. 0.000 min

Lab File: VL041678.D

Acq: 7 Nov 2024 12:52

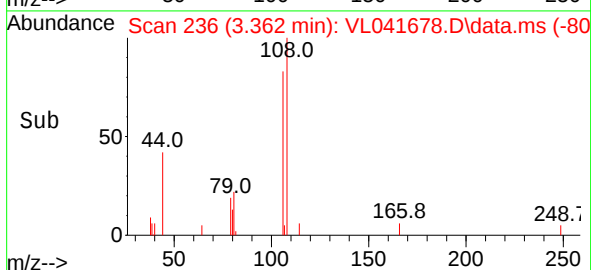
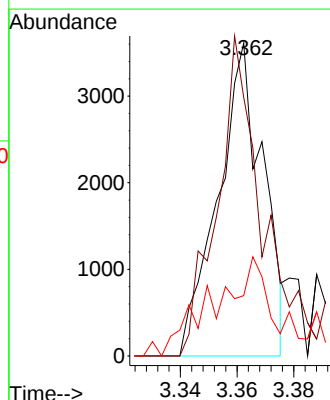
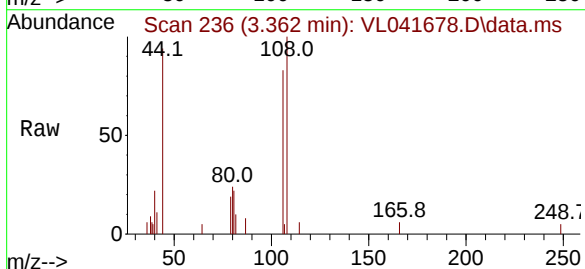
Tgt Ion: 108 Resp: 3969

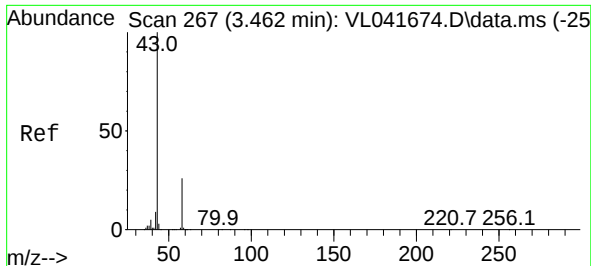
Ion Ratio Lower Upper

108 100

106 106.3 88.6 133.0

79 42.1 15.6 23.4#





#15

Acetone

Concen: 0.145 ppbv

RT: 3.488 min Scan# 21

Delta R.T. 0.026 min

Lab File: VL041678.D

Acq: 7 Nov 2024 12:52

Instrument :

MSVOA_1

ClientSampleId :

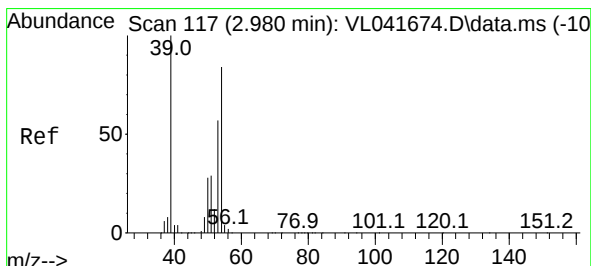
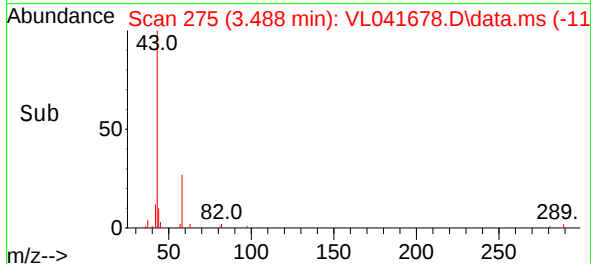
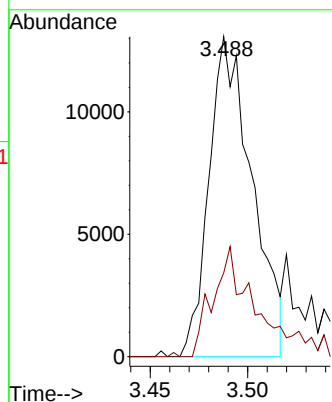
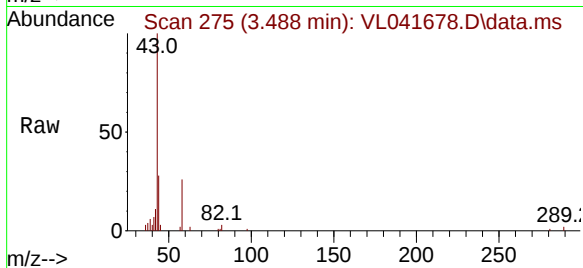
VSTDIC0.1

Tgt Ion: 43 Resp: 20040

Ion Ratio Lower Upper

43 100

58 36.4 21.4 32.0#



#16

1,3-Butadiene

Concen: 0.098 ppbv

RT: 2.980 min Scan# 117

Delta R.T. 0.000 min

Lab File: VL041678.D

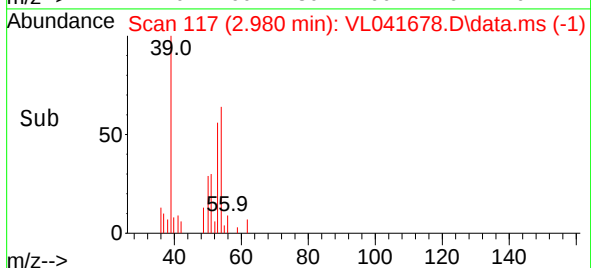
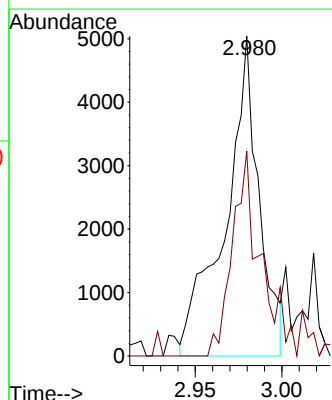
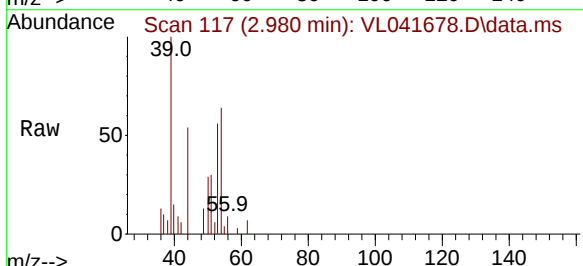
Acq: 7 Nov 2024 12:52

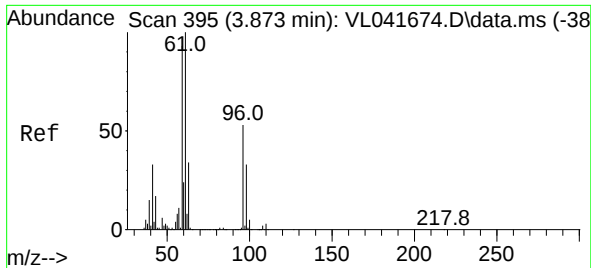
Tgt Ion: 39 Resp: 6807

Ion Ratio Lower Upper

39 100

54 58.5 61.3 91.9#

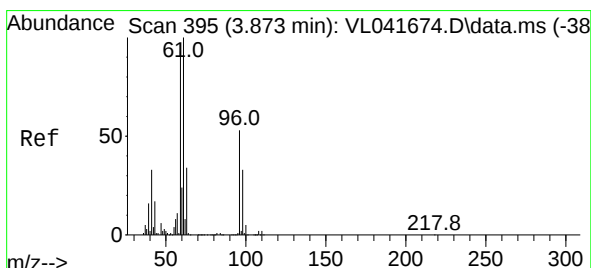
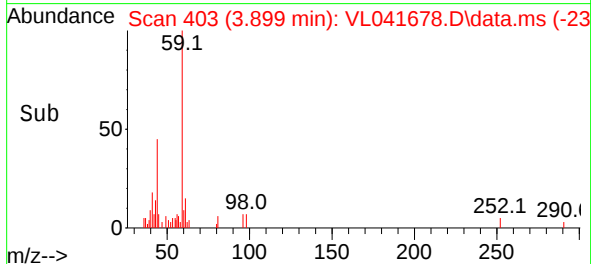
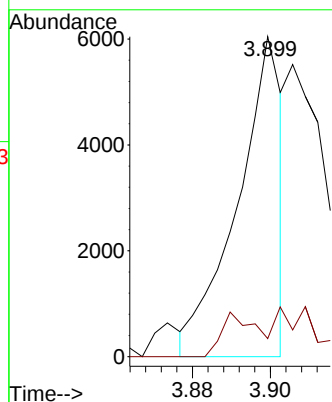
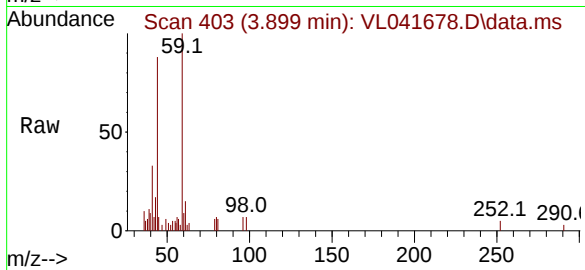




#17
tert-Butyl alcohol
Concen: 0.039 ppbv
RT: 3.899 min Scan# 403
Delta R.T. 0.026 min
Lab File: VL041678.D
Acq: 7 Nov 2024 12:52

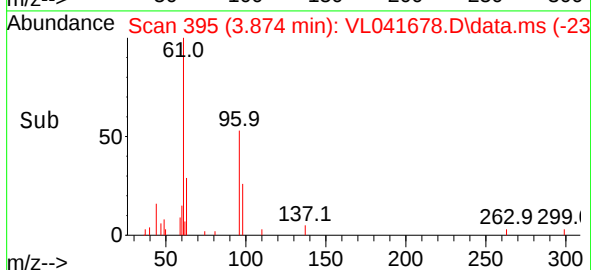
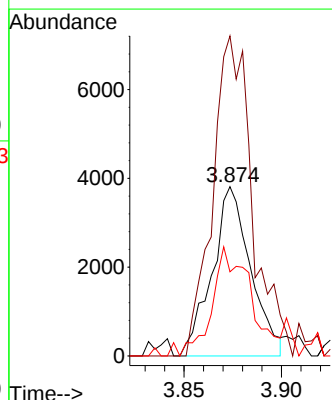
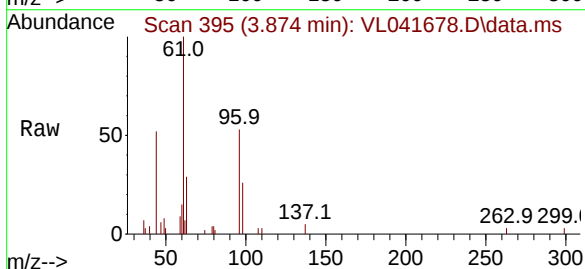
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

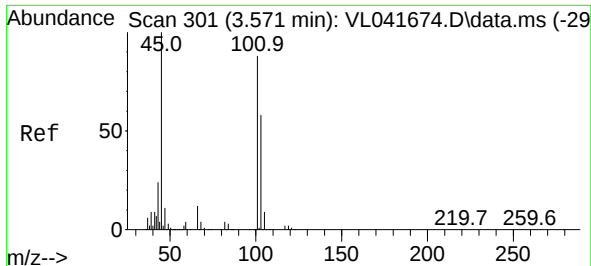
Tgt Ion: 59 Resp: 4770
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



#18
1,1-Dichloroethene
Concen: 0.093 ppbv
RT: 3.874 min Scan# 395
Delta R.T. 0.000 min
Lab File: VL041678.D
Acq: 7 Nov 2024 12:52

Tgt Ion: 96 Resp: 5246
Ion Ratio Lower Upper
96 100
61 189.0 150.7 226.1
98 49.7 49.4 74.2





#19

Isopropyl Alcohol

Concen: 0.001 ppbv

RT: 3.555 min Scan# 20

Delta R.T. -0.016 min

Lab File: VL041678.D

Acq: 7 Nov 2024 12:52

Instrument :

MSVOA_1

ClientSampleId :

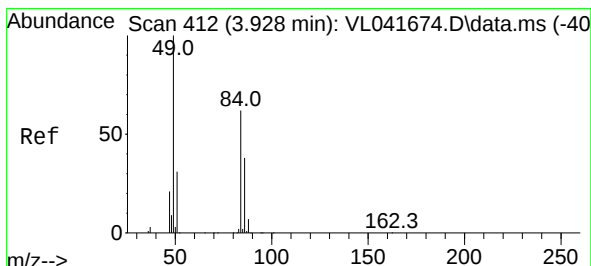
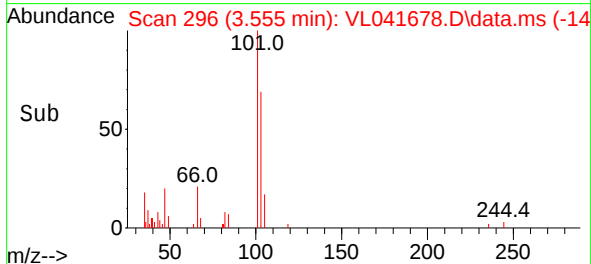
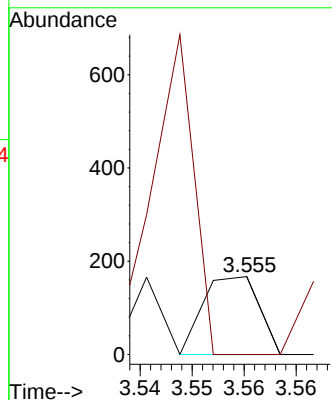
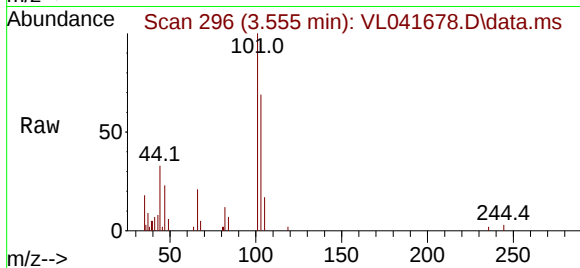
VSTDIC0.1

Tgt Ion: 45 Resp: 63

Ion Ratio Lower Upper

45 100

58 0.0 2.5 3.7#



#20

Methylene Chloride

Concen: 0.241 ppbv

RT: 3.925 min Scan# 411

Delta R.T. -0.003 min

Lab File: VL041678.D

Acq: 7 Nov 2024 12:52

Tgt Ion: 84 Resp: 12266

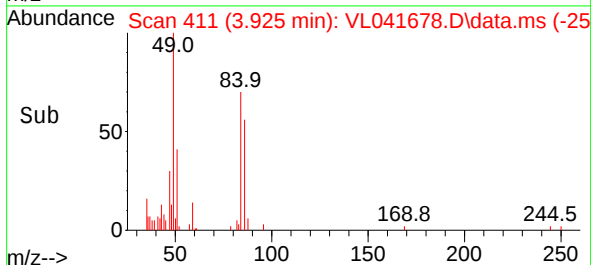
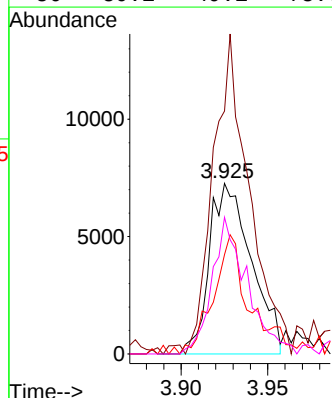
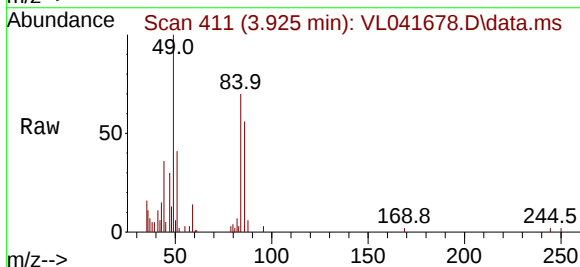
Ion Ratio Lower Upper

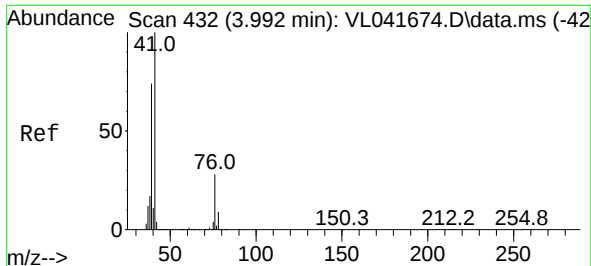
84 100

49 137.2 129.7 194.5

51 58.2 39.8 59.6

86 80.1 49.1 73.7#





#21

Allyl Chloride

Concen: 0.088 ppbv

RT: 3.993 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL041678.D

Acq: 7 Nov 2024 12:52

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.1

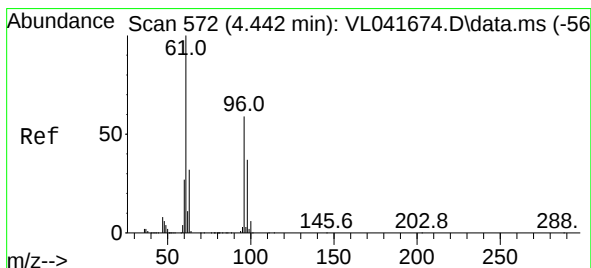
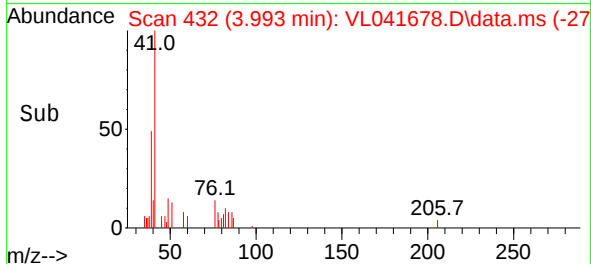
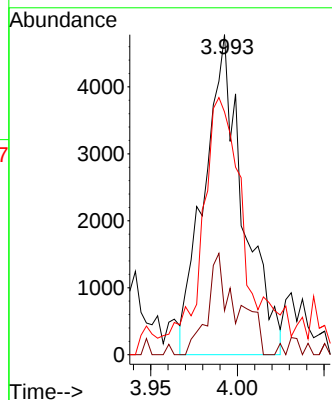
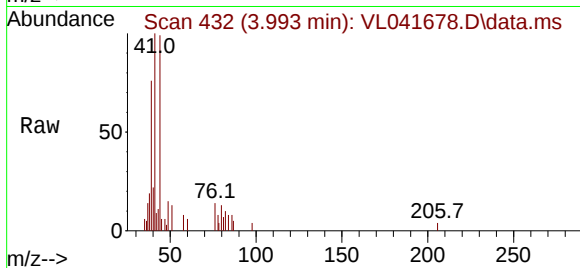
Tgt Ion: 41 Resp: 7496

Ion Ratio Lower Upper

41 100

76 26.0 23.5 35.3

39 101.7 63.0 94.4#



#22

trans-1,2-Dichloroethene

Concen: 0.041 ppbv

RT: 4.439 min Scan# 571

Delta R.T. -0.003 min

Lab File: VL041678.D

Acq: 7 Nov 2024 12:52

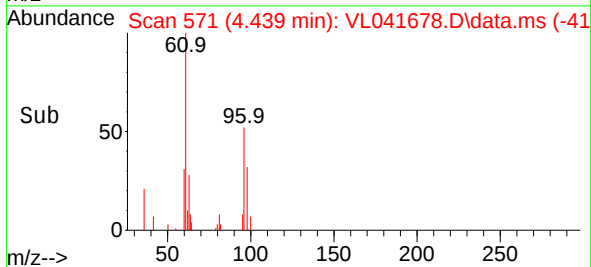
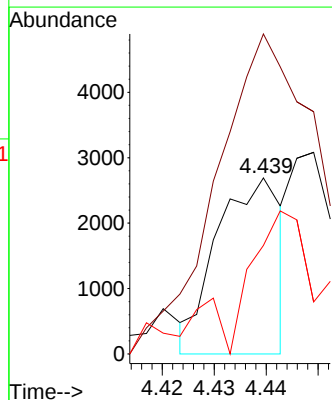
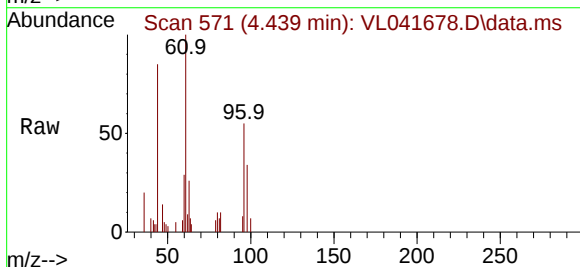
Tgt Ion: 96 Resp: 2308

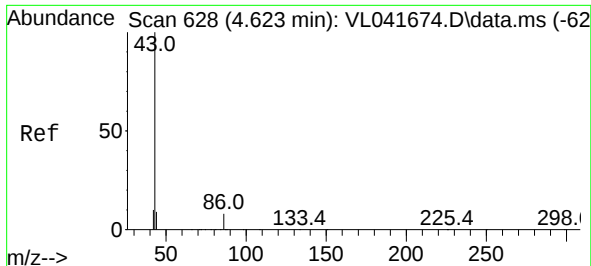
Ion Ratio Lower Upper

96 100

61 179.9 134.5 201.7

98 62.8 49.6 74.4

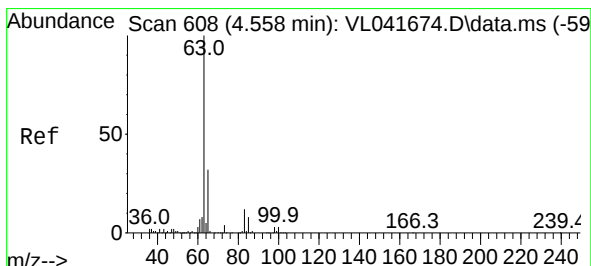
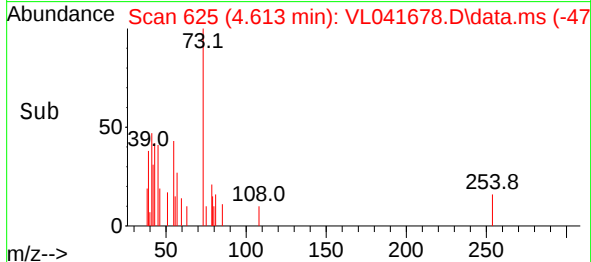
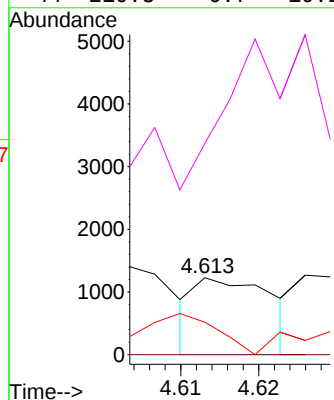
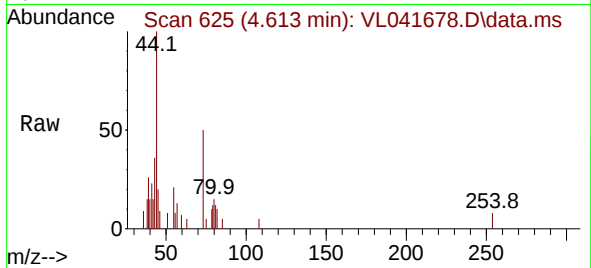




#23
 Vinyl Acetate
 Concen: 0.013 ppbv
 RT: 4.613 min Scan# 61
 Delta R.T. -0.009 min
 Lab File: VL041678.D
 Acq: 7 Nov 2024 12:52

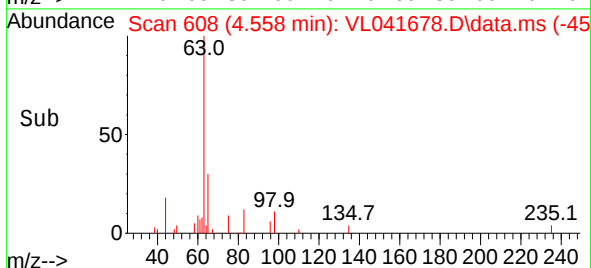
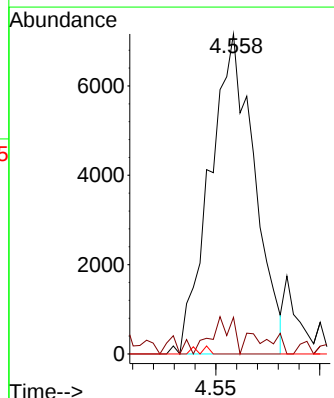
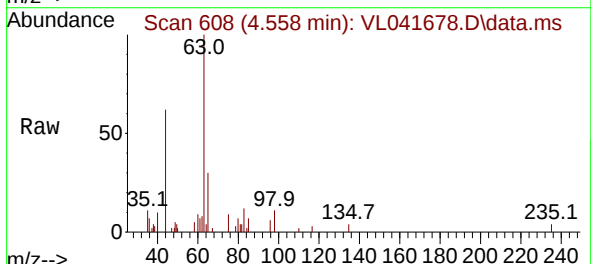
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.1

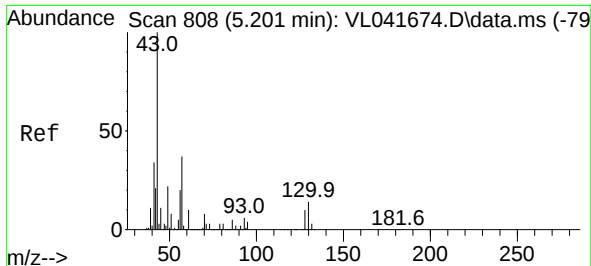
Tgt Ion: 43	Resp: 837
Ion Ratio	Lower Upper
43 100	
86 0.0	5.3 7.9#
42 45.0	8.5 12.7#
44 210.8	6.7 10.1#



#24
 1,1-Dichloroethane
 Concen: 0.085 ppbv
 RT: 4.558 min Scan# 608
 Delta R.T. 0.000 min
 Lab File: VL041678.D
 Acq: 7 Nov 2024 12:52

Tgt Ion: 63	Resp: 10607
Ion Ratio	Lower Upper
63 100	
98 11.4	1.8 5.4#
100 0.0	1.4 4.2#

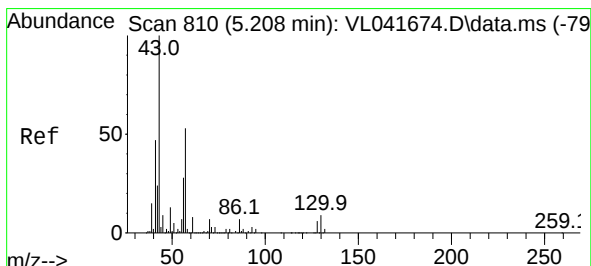
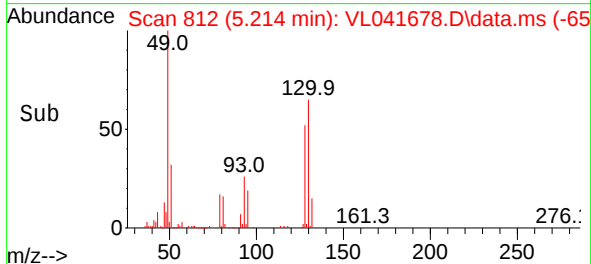
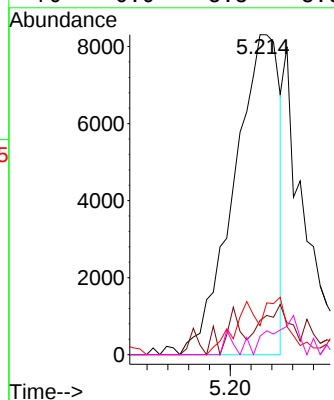
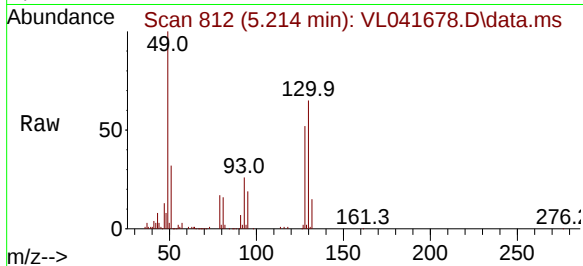




#25
Ethyl Acetate
Concen: 0.044 ppbv
RT: 5.214 min Scan# 812
Delta R.T. 0.013 min
Lab File: VL041678.D
Acq: 7 Nov 2024 12:52

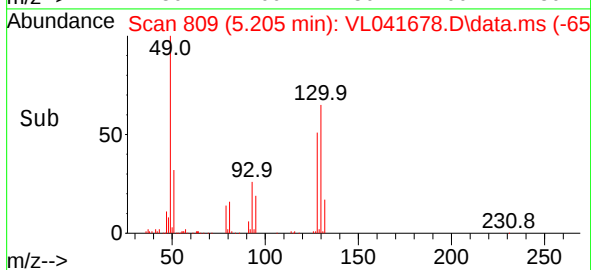
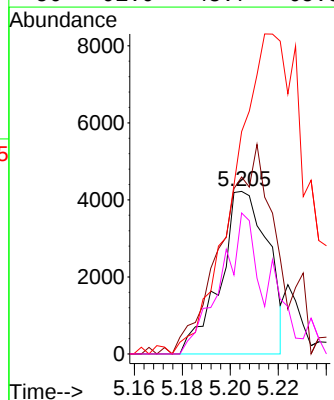
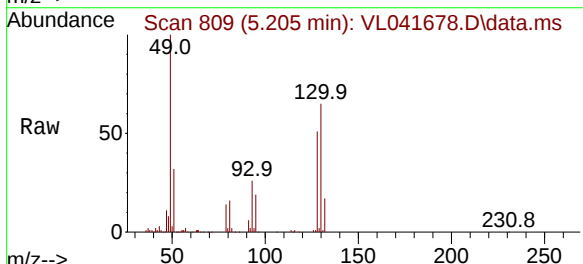
Instrument :
MSVOA_1
ClientSampleId :
VSTDICC0.1

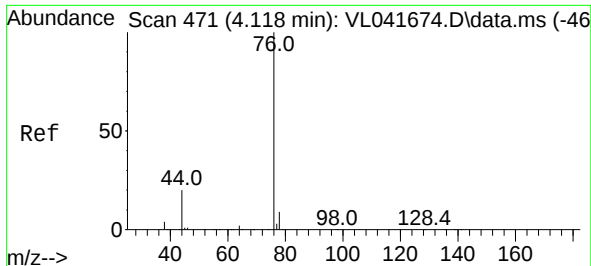
Tgt	Ion: 43	Resp:	12615
Ion	Ratio	Lower	Upper
43	100		
45	0.0	8.6	13.0#
61	2.0	8.4	12.6#
70	0.0	5.8	8.6#



#26
Hexane
Concen: 0.053 ppbv
RT: 5.205 min Scan# 809
Delta R.T. -0.003 min
Lab File: VL041678.D
Acq: 7 Nov 2024 12:52

Tgt	Ion: 57	Resp:	5831
Ion	Ratio	Lower	Upper
57	100		
41	166.4	76.1	114.1#
43	351.6	207.0	310.6#
56	91.9	43.7	65.5#





#27

Carbon Disulfide

Concen: 0.058 ppbv

RT: 4.124 min Scan# 41

Delta R.T. 0.007 min

Lab File: VL041678.D

Acq: 7 Nov 2024 12:52

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.1

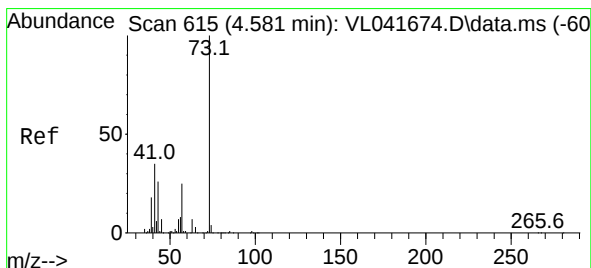
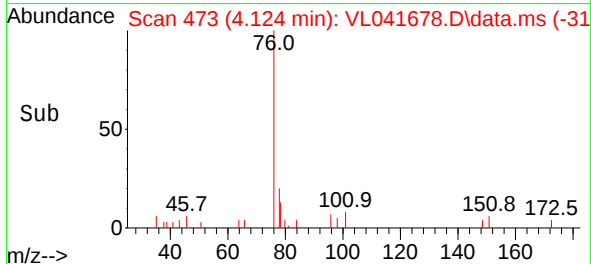
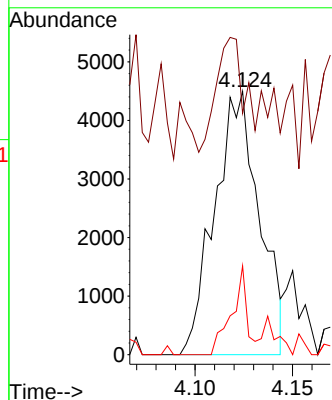
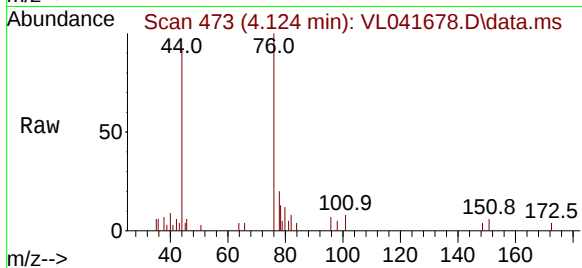
Tgt Ion: 76 Resp: 7166

Ion Ratio Lower Upper

76 100

44 89.2 15.8 23.8#

78 17.5 7.5 11.3#



#28

Methyl tert-Butyl Ether

Concen: 0.011 ppbv

RT: 4.584 min Scan# 616

Delta R.T. 0.003 min

Lab File: VL041678.D

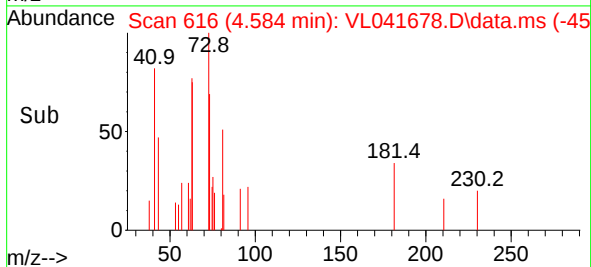
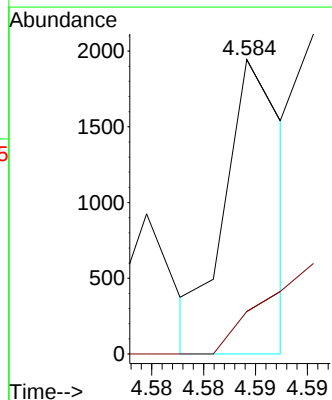
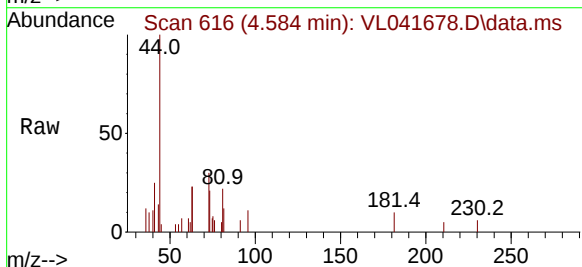
Acq: 7 Nov 2024 12:52

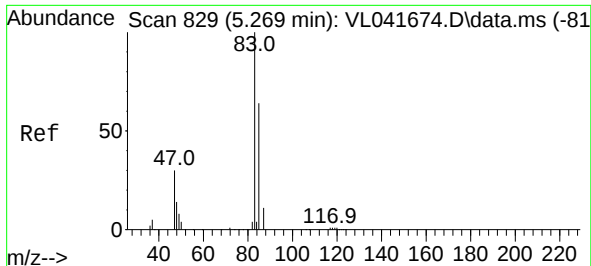
Tgt Ion: 73 Resp: 768

Ion Ratio Lower Upper

73 100

57 0.0 19.6 29.4#





#29

Chloroform

Concen: 0.086 ppbv

RT: 5.266 min Scan# 81

Delta R.T. -0.003 min

Lab File: VL041678.D

Acq: 7 Nov 2024 12:52

Instrument :

MSVOA_1

ClientSampleId :

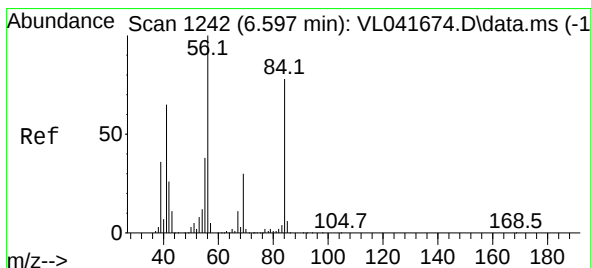
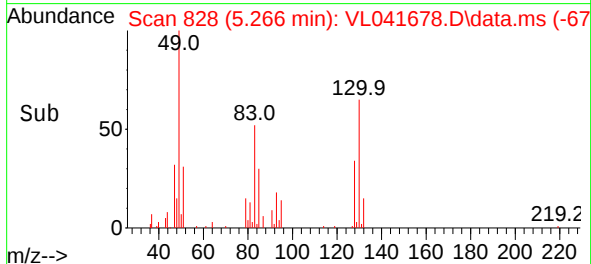
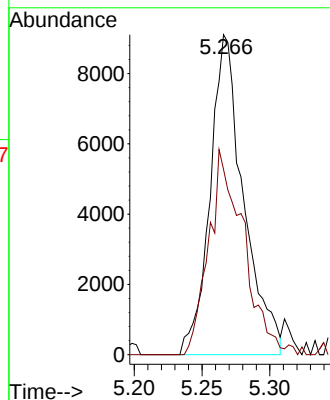
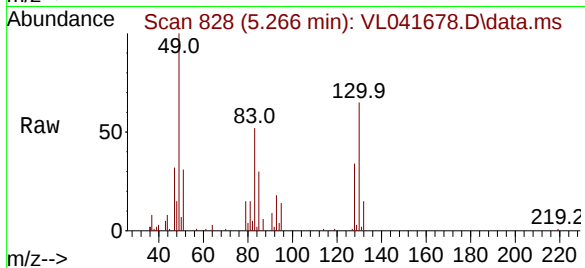
VSTDIC0.1

Tgt Ion: 83 Resp: 15654

Ion Ratio Lower Upper

83 100

85 57.9 51.1 76.7



#30

Cyclohexane

Concen: 0.018 ppbv

RT: 6.594 min Scan# 1241

Delta R.T. -0.003 min

Lab File: VL041678.D

Acq: 7 Nov 2024 12:52

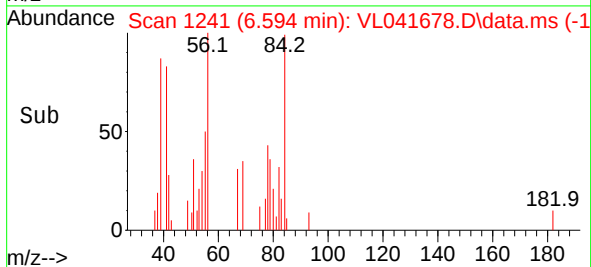
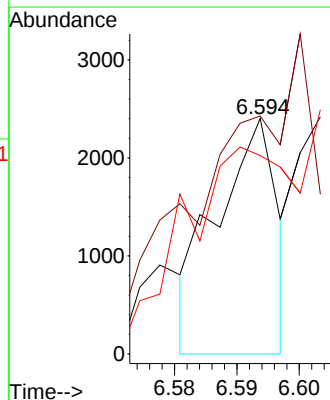
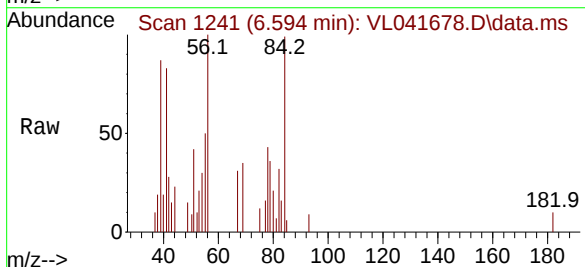
Tgt Ion: 84 Resp: 1619

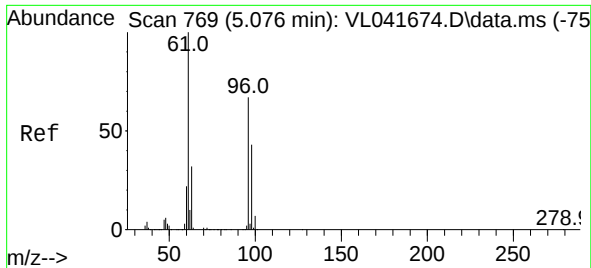
Ion Ratio Lower Upper

84 100

56 0.0 110.8 166.2#

41 0.0 70.0 105.0#





#31

cis-1,2-Dichloroethene

Concen: 0.043 ppbv

RT: 5.076 min Scan# 769

Delta R.T. 0.000 min

Lab File: VL041678.D

Acq: 7 Nov 2024 12:52

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.1

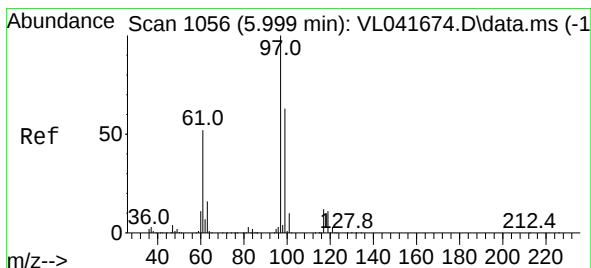
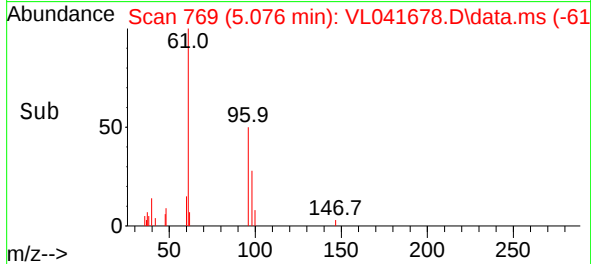
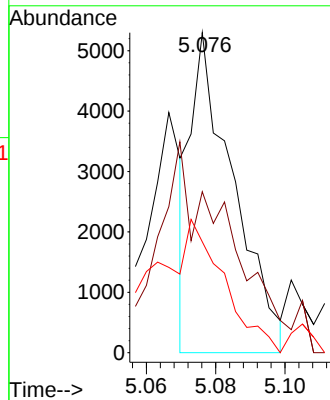
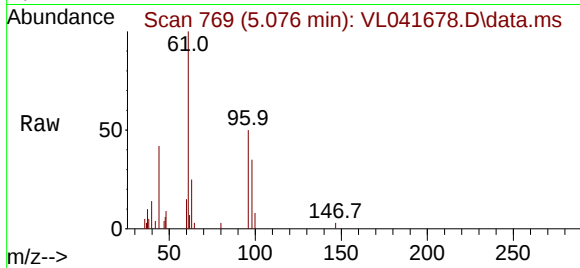
Tgt Ion: 61 Resp: 4534

Ion Ratio Lower Upper

61 100

96 43.4 53.4 80.2#

98 37.4 34.0 51.0



#32

1,1,1-Trichloroethane

Concen: 0.043 ppbv

RT: 6.002 min Scan# 1057

Delta R.T. 0.003 min

Lab File: VL041678.D

Acq: 7 Nov 2024 12:52

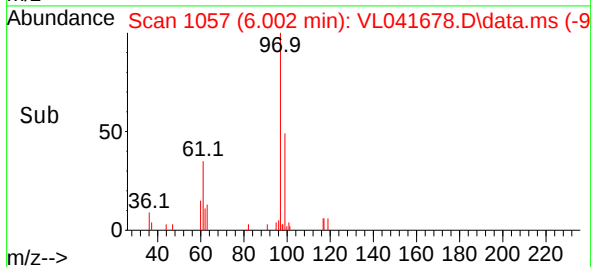
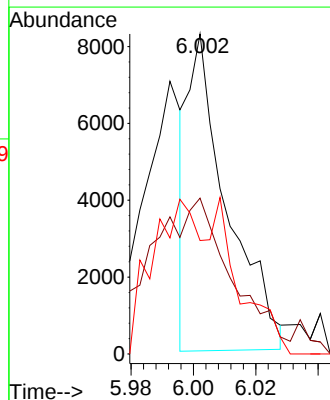
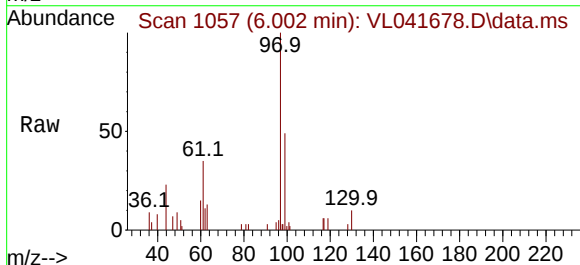
Tgt Ion: 97 Resp: 7181

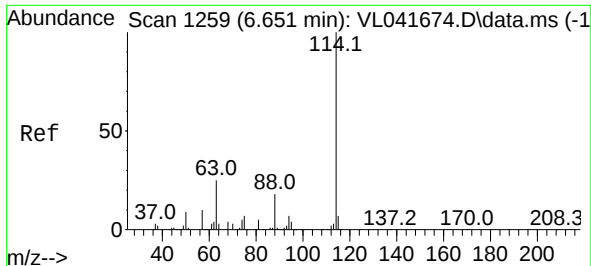
Ion Ratio Lower Upper

97 100

99 118.7 51.4 77.2#

61 103.6 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: VL041678.D

Acq: 7 Nov 2024 12:52

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.1

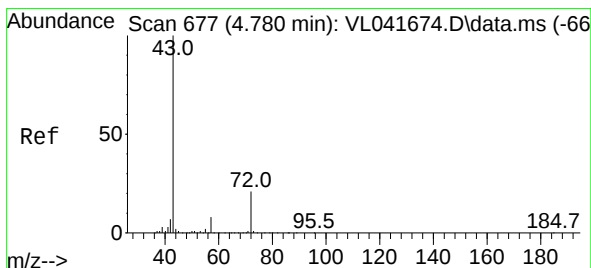
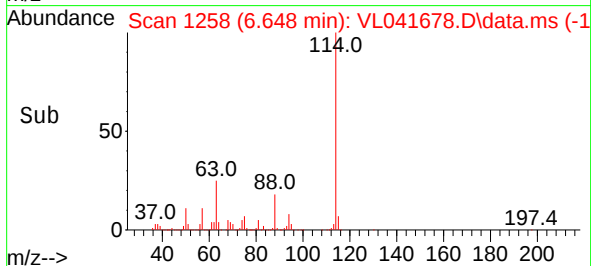
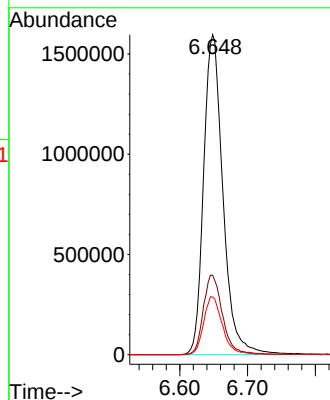
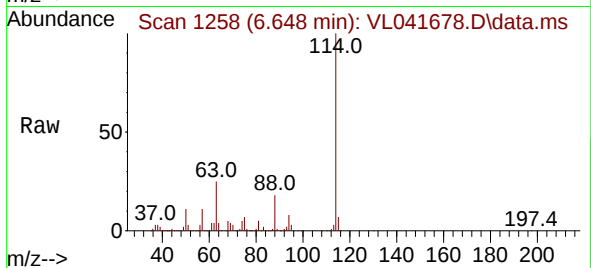
Tgt Ion:114 Resp: 3159589

Ion Ratio Lower Upper

114 100

63 25.0 20.3 30.5

88 17.8 14.2 21.4



#34

2-Butanone

Concen: 0.014 ppbv

RT: 4.793 min Scan# 681

Delta R.T. 0.013 min

Lab File: VL041678.D

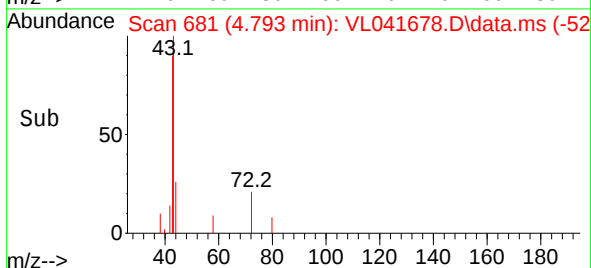
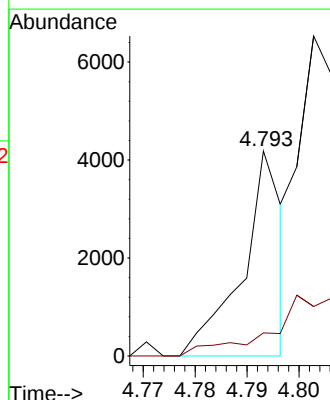
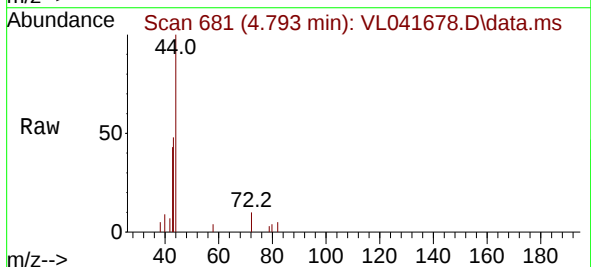
Acq: 7 Nov 2024 12:52

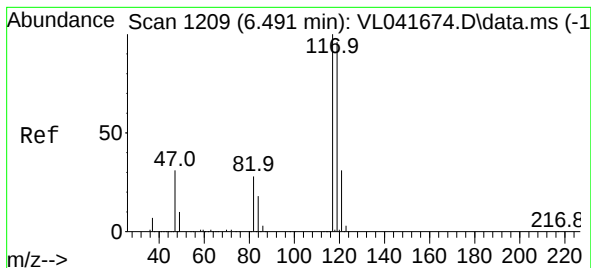
Tgt Ion: 43 Resp: 2207

Ion Ratio Lower Upper

43 100

72 0.0 17.4 26.0#





#35

Carbon Tetrachloride

Concen: 0.044 ppbv

RT: 6.488 min Scan# 1169

Delta R.T. -0.003 min

Lab File: VL041678.D

Acq: 7 Nov 2024 12:52

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.1

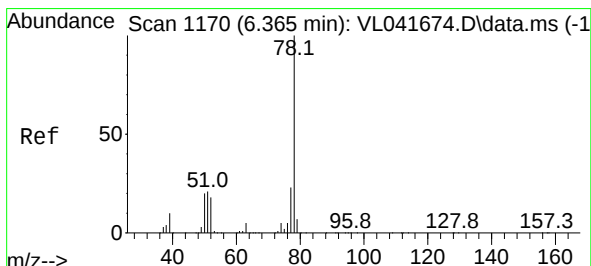
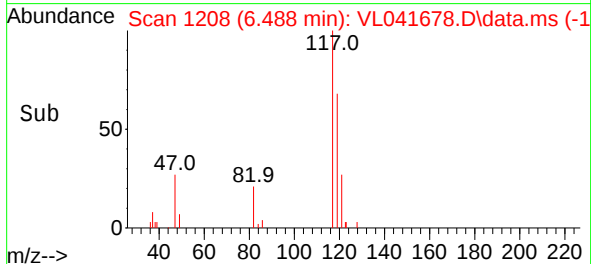
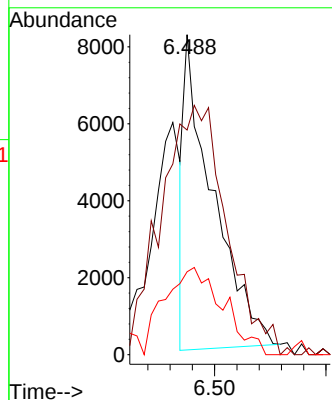
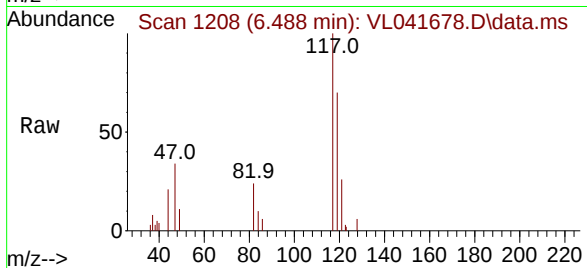
Tgt Ion:117 Resp: 7302

Ion Ratio Lower Upper

117 100

119 72.6 77.2 115.8#

121 26.8 25.0 37.4



#36

Benzene

Concen: 0.032 ppbv

RT: 6.362 min Scan# 1169

Delta R.T. -0.003 min

Lab File: VL041678.D

Acq: 7 Nov 2024 12:52

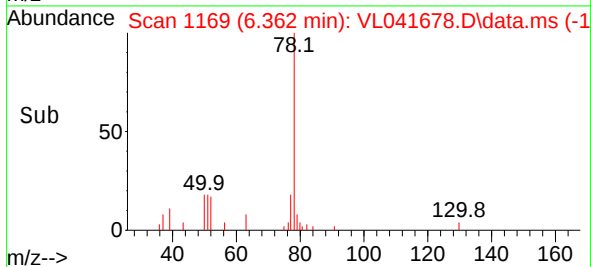
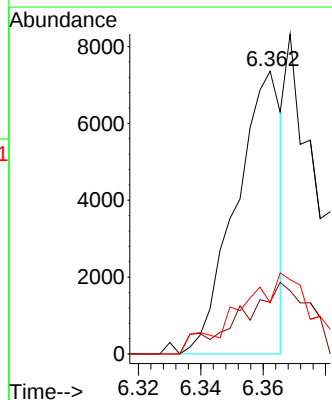
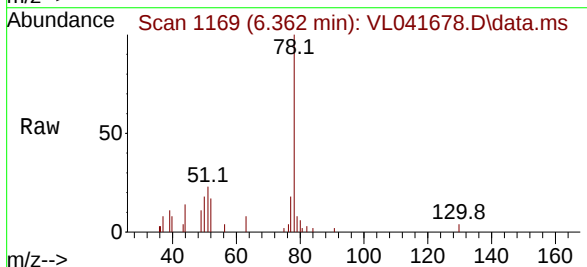
Tgt Ion: 78 Resp: 7427

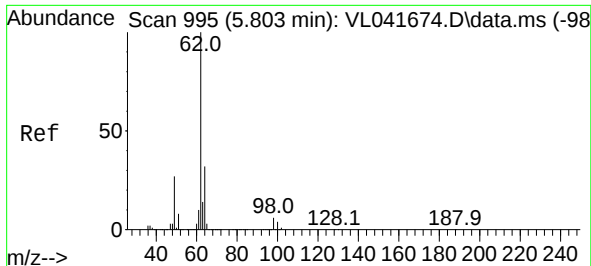
Ion Ratio Lower Upper

78 100

77 18.3 18.5 27.7#

50 18.1 15.6 23.4





#37

1,2-Dichloroethane

Concen: 0.067 ppbv

RT: 5.806 min Scan# 995

Delta R.T. 0.003 min

Lab File: VL041678.D

Acq: 7 Nov 2024 12:52

Instrument :

MSVOA_1

ClientSampleId :

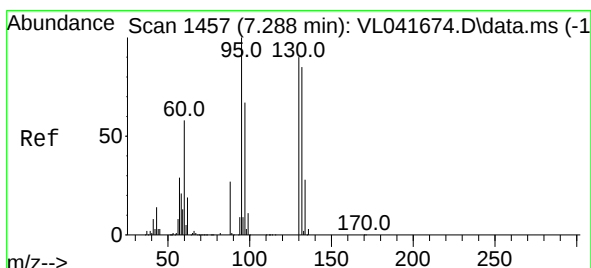
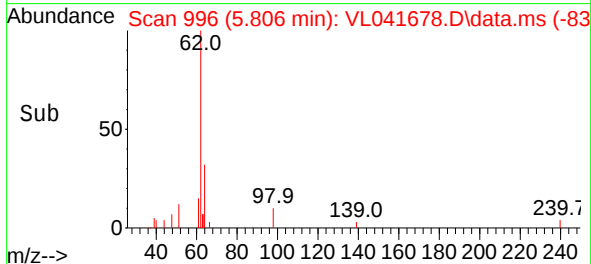
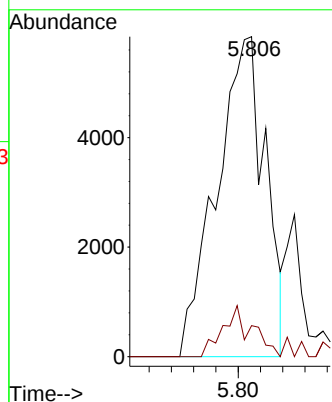
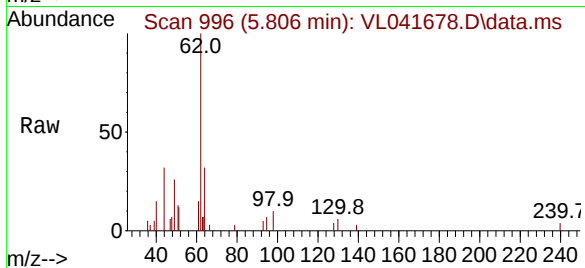
VSTDIC0.1

Tgt Ion: 62 Resp: 8849

Ion Ratio Lower Upper

62 100

98 12.0 5.2 7.8#



#38

Trichloroethene

Concen: 0.037 ppbv

RT: 7.282 min Scan# 1455

Delta R.T. -0.006 min

Lab File: VL041678.D

Acq: 7 Nov 2024 12:52

Tgt Ion:130 Resp: 3343

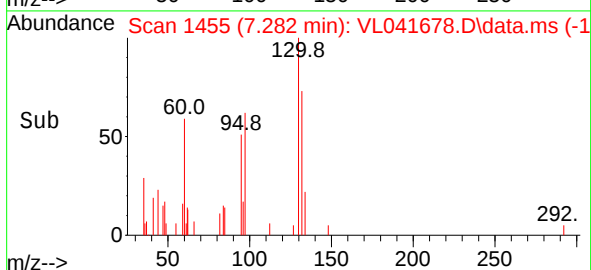
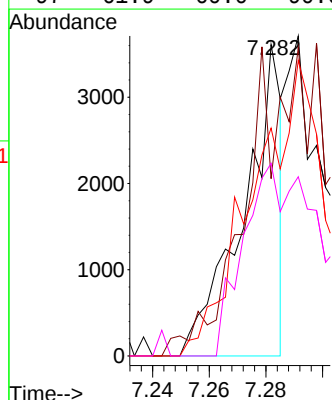
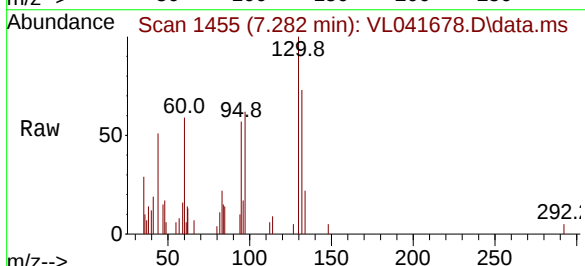
Ion Ratio Lower Upper

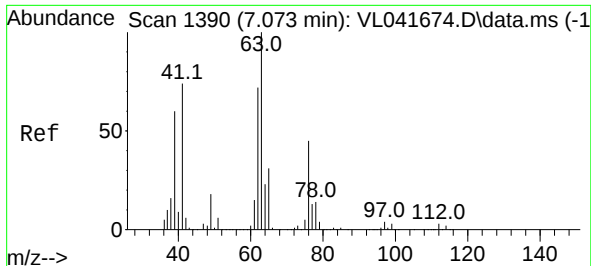
130 100

95 50.5 89.1 133.7#

132 73.2 75.7 113.5#

97 61.9 60.0 90.0





#39

1,2-Dichloropropane

Concen: 8.383 ppbv

RT: 6.645 min Scan# 11

Delta R.T. -0.427 min

Lab File: VL041678.D

Acq: 7 Nov 2024 12:52

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.1

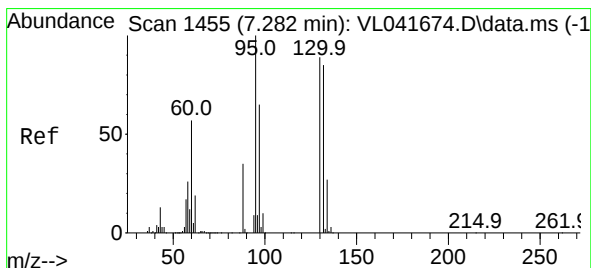
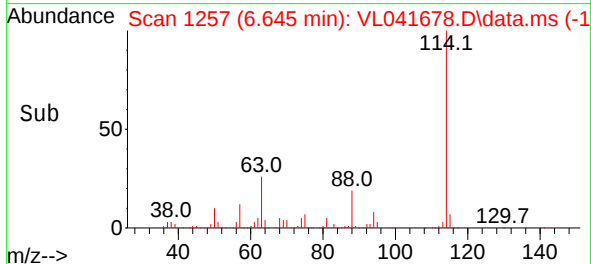
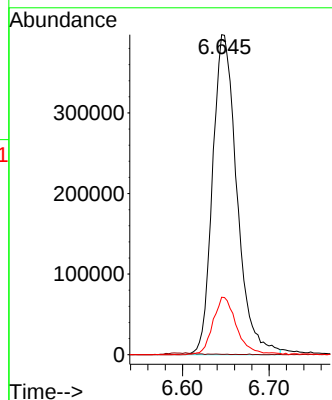
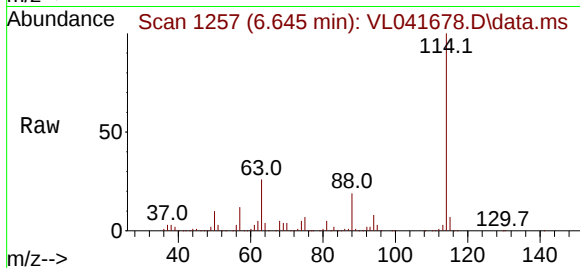
Tgt Ion: 63 Resp: 775538

Ion Ratio Lower Upper

63 100

41 0.1 59.1 88.7#

62 17.9 57.7 86.5#



#40

1,4-Dioxane

Concen: 0.001 ppbv

RT: 7.275 min Scan# 1453

Delta R.T. -0.006 min

Lab File: VL041678.D

Acq: 7 Nov 2024 12:52

Tgt Ion: 88 Resp: 38

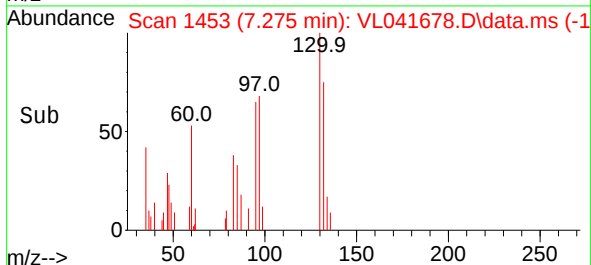
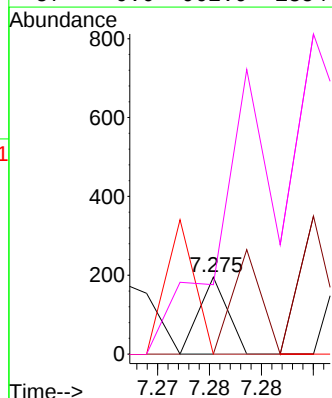
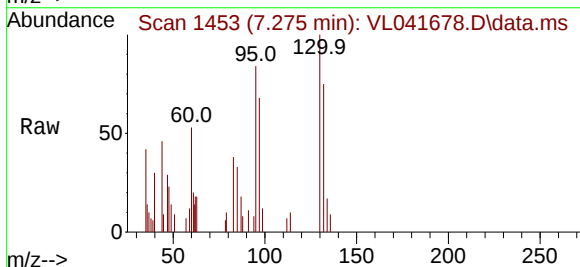
Ion Ratio Lower Upper

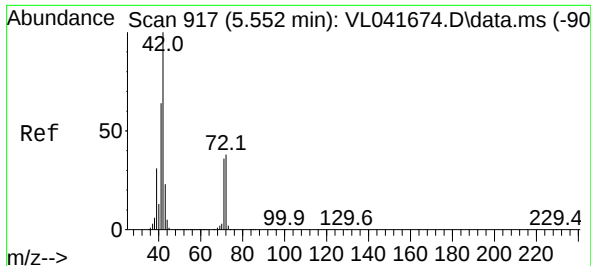
88 100

58 0.0 101.4 152.2#

43 0.0 208.0 312.0#

57 0.0 902.9 1354.3#





#41

Tetrahydrofuran

Concen: 0.029 ppbv

RT: 5.587 min Scan# 917

Delta R.T. 0.036 min

Lab File: VL041678.D

Acq: 7 Nov 2024 12:52

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.1

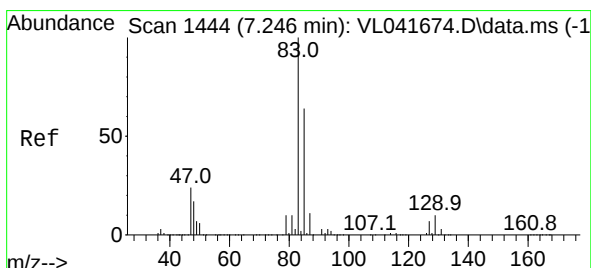
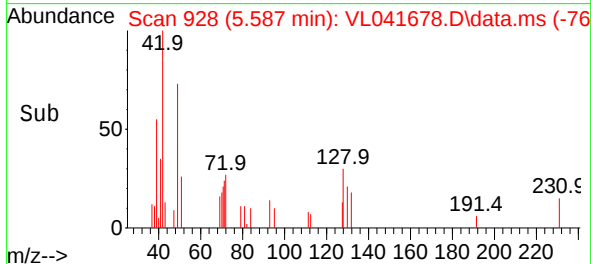
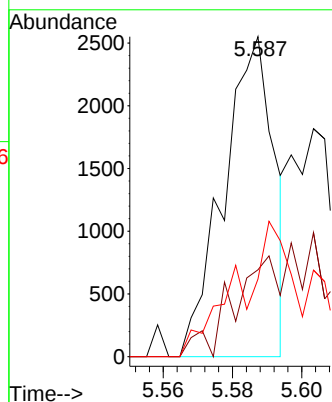
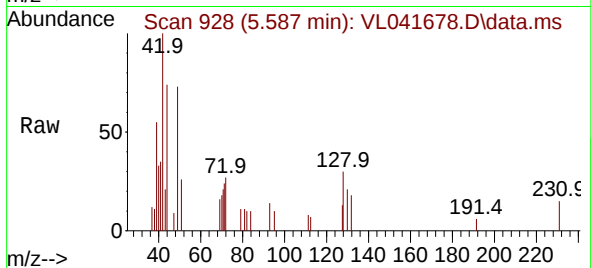
Tgt Ion: 42 Resp: 2579

Ion Ratio Lower Upper

42 100

72 0.0 29.8 44.6#

71 56.5 29.4 44.2#



#42

Bromodichloromethane

Concen: 0.044 ppbv

RT: 7.246 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VL041678.D

Acq: 7 Nov 2024 12:52

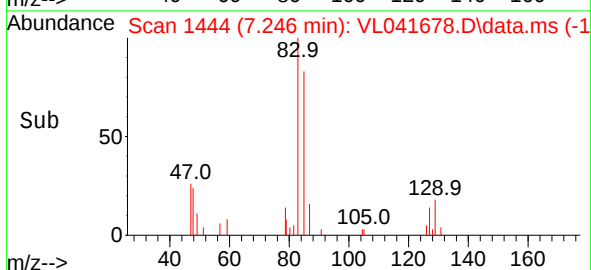
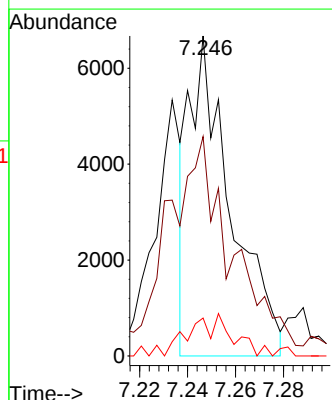
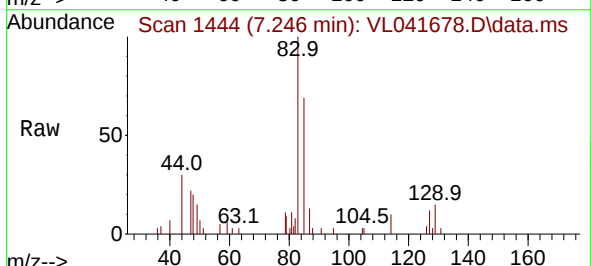
Tgt Ion: 83 Resp: 8093

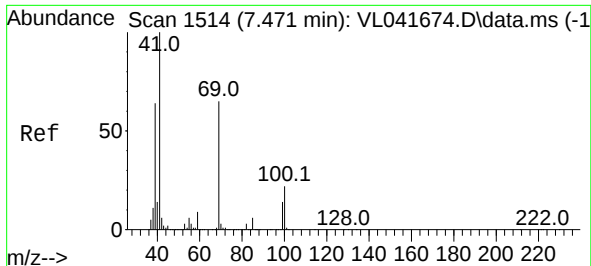
Ion Ratio Lower Upper

83 100

85 60.9 51.2 76.8

127 10.3 6.0 9.0#





#43

Methyl Methacrylate

Concen: 0.006 ppbv

RT: 7.468 min Scan# 1513

Delta R.T. -0.003 min

Lab File: VL041678.D

Acq: 7 Nov 2024 12:52

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.1

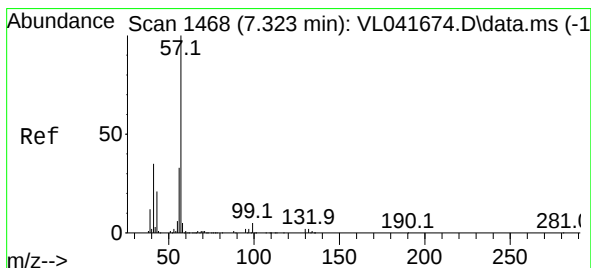
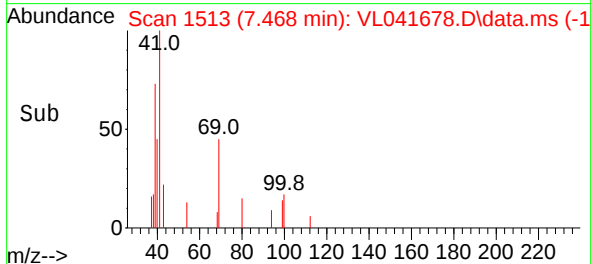
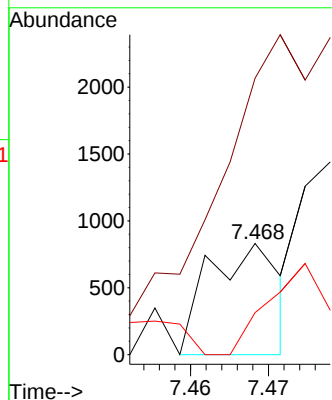
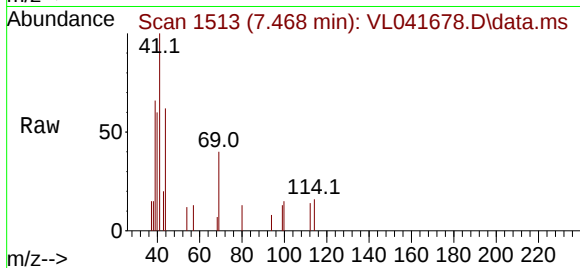
Tgt Ion: 69 Resp: 525

Ion Ratio Lower Upper

69 100

41 0.0 119.8 179.6#

100 0.0 27.3 40.9#



#44

2,2,4-Trimethylpentane

Concen: 0.007 ppbv

RT: 7.320 min Scan# 1467

Delta R.T. -0.003 min

Lab File: VL041678.D

Acq: 7 Nov 2024 12:52

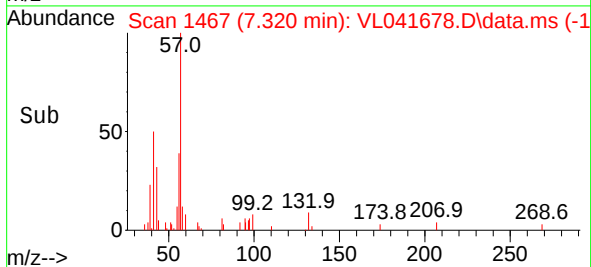
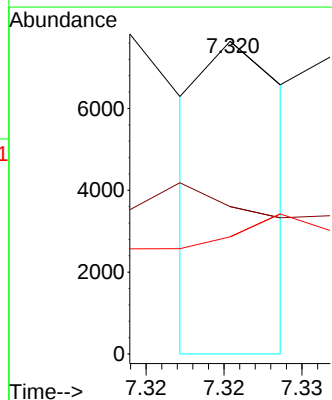
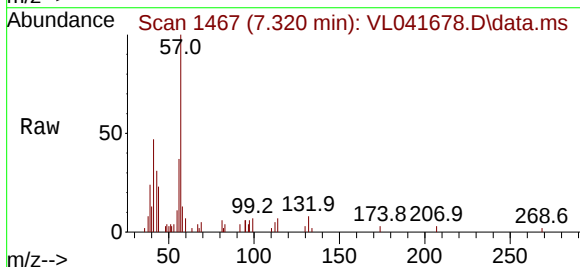
Tgt Ion: 57 Resp: 2744

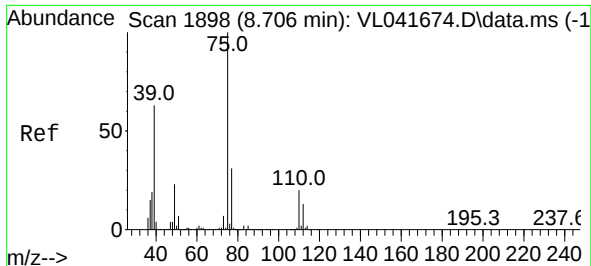
Ion Ratio Lower Upper

57 100

41 371.7 27.0 40.6#

56 0.0 25.8 38.6#





#45

t-1,3-Dichloropropene

Concen: 0.007 ppbv

RT: 8.693 min Scan# 11

Delta R.T. -0.013 min

Lab File: VL041678.D

Acq: 7 Nov 2024 12:52

Instrument :

MSVOA_L

ClientSampleId :

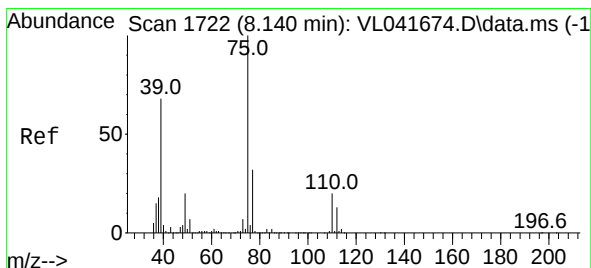
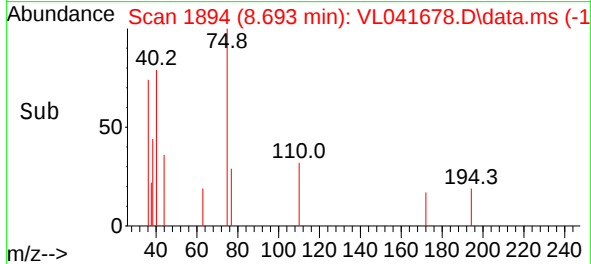
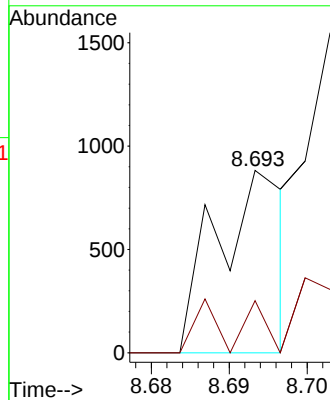
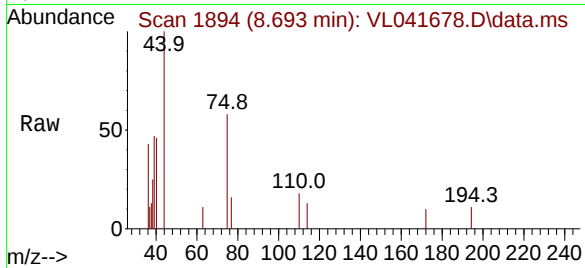
VSTDIC0.1

Tgt Ion: 75 Resp: 538

Ion Ratio Lower Upper

75 100

77 28.6 24.7 37.1



#46

cis-1,3-Dichloropropene

Concen: 0.010 ppbv

RT: 8.140 min Scan# 1722

Delta R.T. 0.000 min

Lab File: VL041678.D

Acq: 7 Nov 2024 12:52

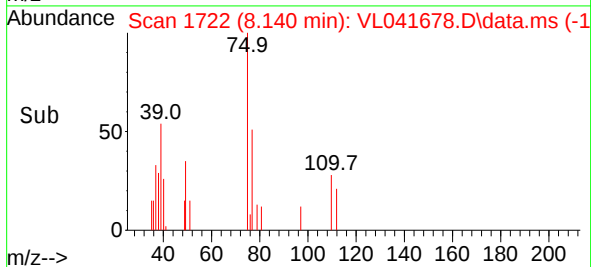
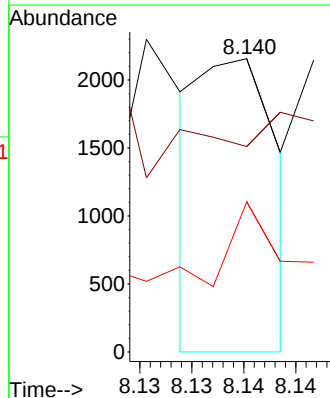
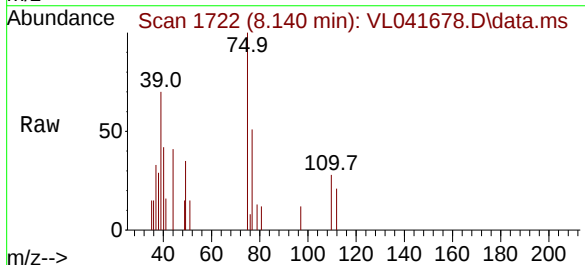
Tgt Ion: 75 Resp: 1104

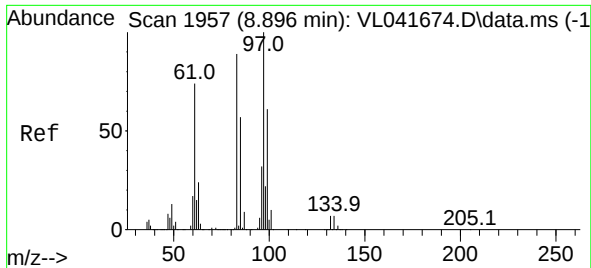
Ion Ratio Lower Upper

75 100

39 0.0 54.1 81.1#

77 69.4 25.3 37.9#





#47

1,1,2-Trichloroethane

Concen: 0.030 ppbv

RT: 8.889 min Scan# 1955

Delta R.T. -0.006 min

Lab File: VL041678.D

Acq: 7 Nov 2024 12:52

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.1

Tgt Ion: 97 Resp: 2963

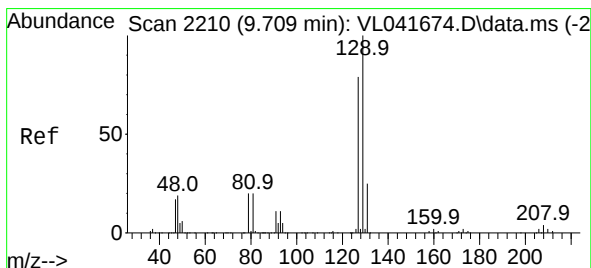
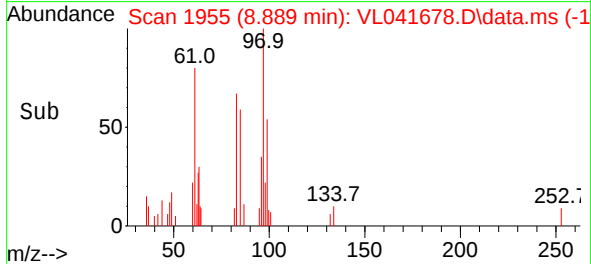
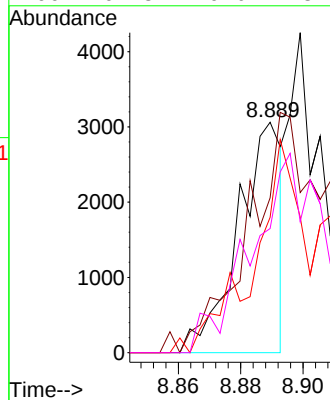
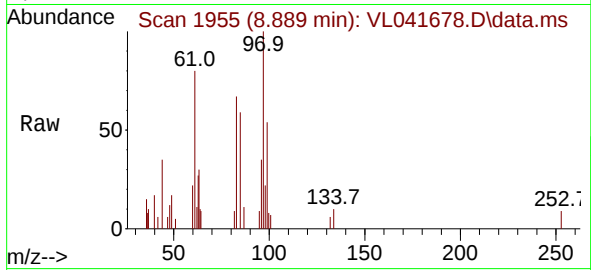
Ion Ratio Lower Upper

97 100

83 67.2 71.0 106.6#

85 52.4 45.4 68.2

99 62.3 49.0 73.6



#48

Dibromochloromethane

Concen: 0.008 ppbv

RT: 9.706 min Scan# 2209

Delta R.T. -0.003 min

Lab File: VL041678.D

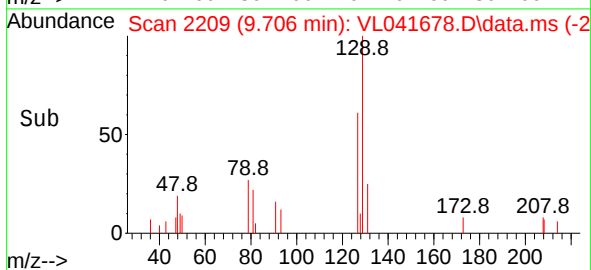
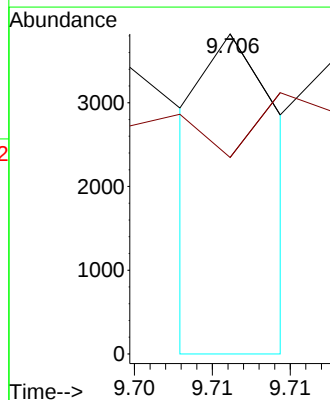
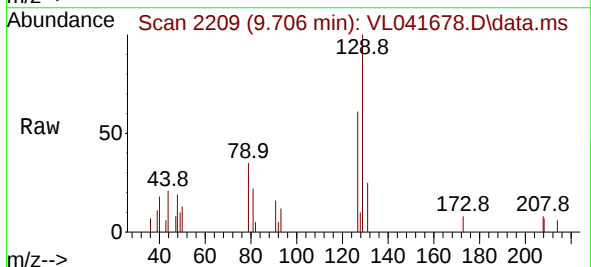
Acq: 7 Nov 2024 12:52

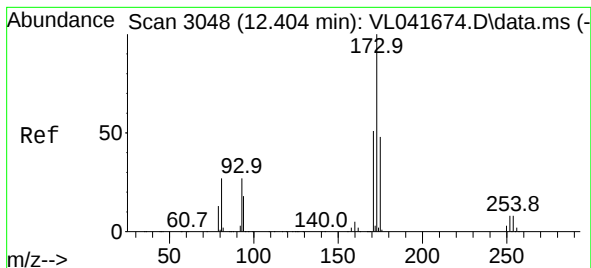
Tgt Ion: 129 Resp: 1289

Ion Ratio Lower Upper

129 100

127 0.0 39.1 117.2#





#49

Bromoform

Concen: 0.039 ppbv

RT: 12.407 min Scan# 3048

Delta R.T. 0.003 min

Lab File: VL041678.D

Acq: 7 Nov 2024 12:52

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.1

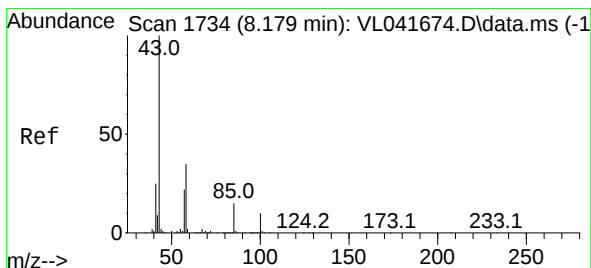
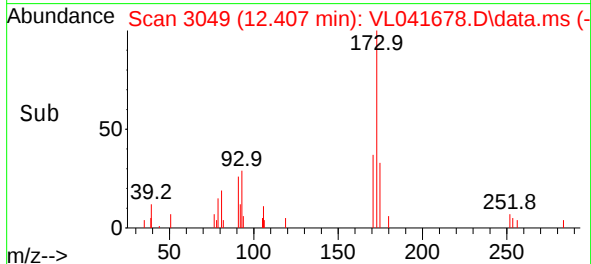
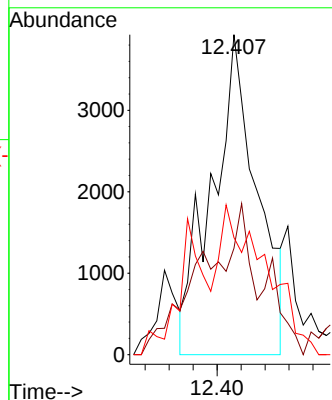
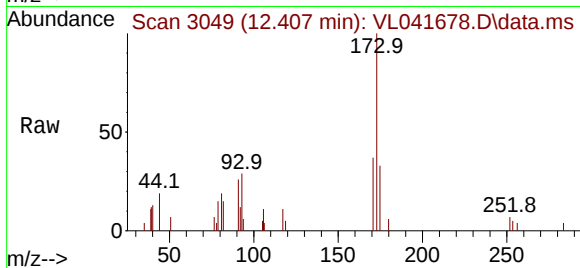
Tgt Ion:173 Resp: 5111

Ion Ratio Lower Upper

173 100

175 69.5 39.2 58.8#

171 73.5 41.7 62.5#



#50

4-Methyl-2-Pentanone

Concen: 0.001 ppbv

RT: 8.166 min Scan# 1730

Delta R.T. -0.013 min

Lab File: VL041678.D

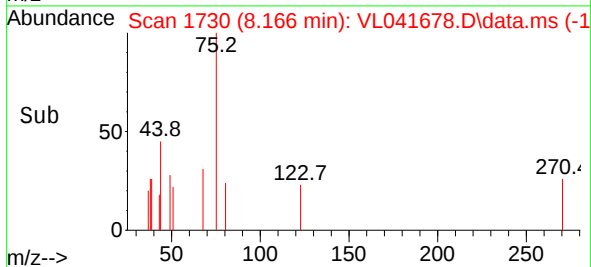
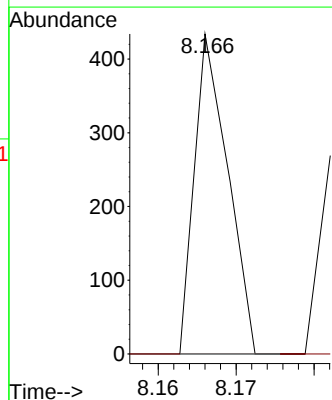
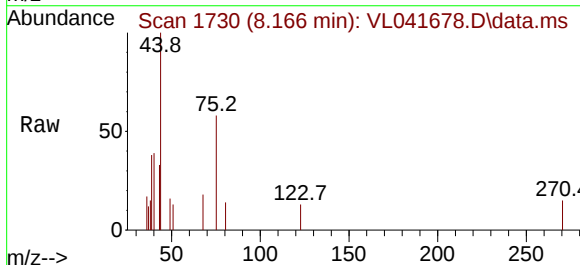
Acq: 7 Nov 2024 12:52

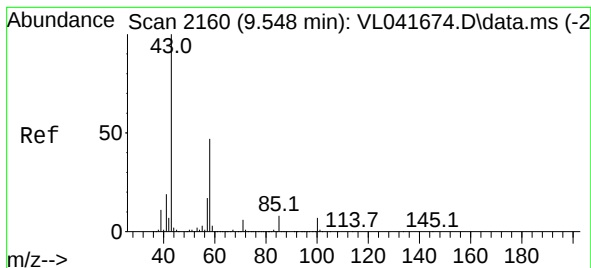
Tgt Ion: 43 Resp: 129

Ion Ratio Lower Upper

43 100

58 0.0 27.7 41.5#





#51

2-Hexanone

Concen: 0.001 ppbv

RT: 9.555 min Scan# 2160

Delta R.T. 0.007 min

Lab File: VL041678.D

Acq: 7 Nov 2024 12:52

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.1

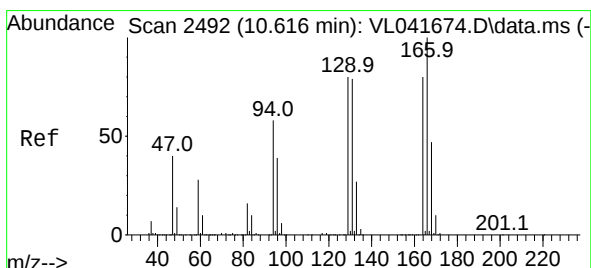
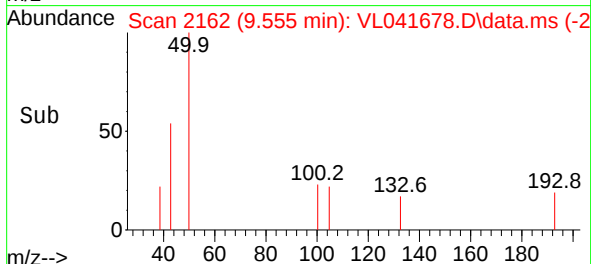
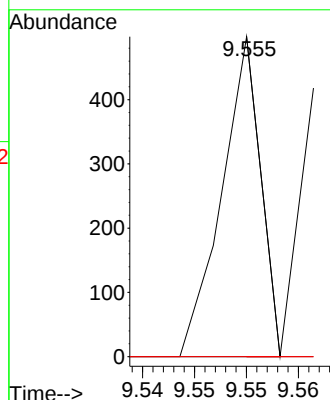
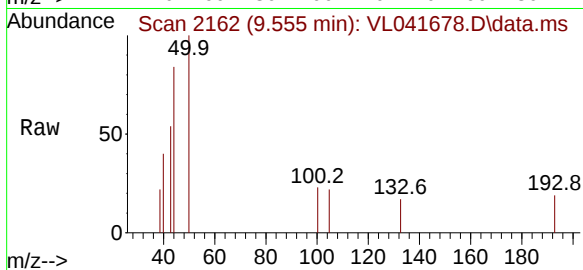
Tgt Ion: 43 Resp: 130

Ion Ratio Lower Upper

43 100

58 0.0 37.0 55.6#

98 0.0 0.6 0.8#



#52

Tetrachloroethene

Concen: 0.055 ppbv

RT: 10.613 min Scan# 2491

Delta R.T. -0.003 min

Lab File: VL041678.D

Acq: 7 Nov 2024 12:52

Tgt Ion:164 Resp: 4385

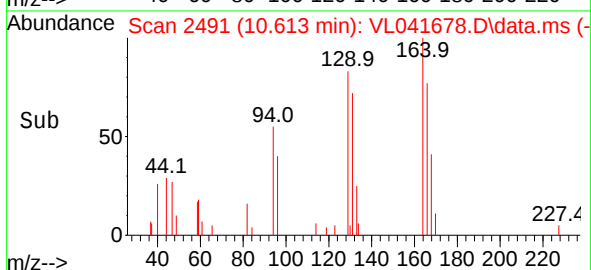
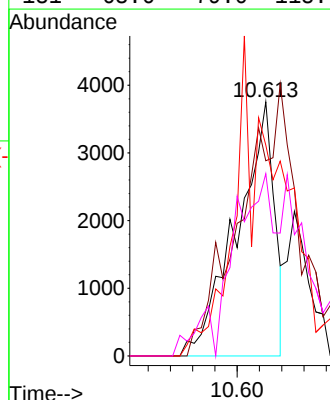
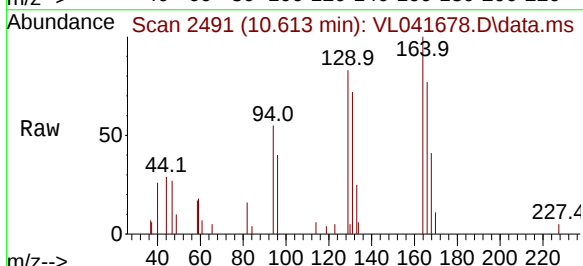
Ion Ratio Lower Upper

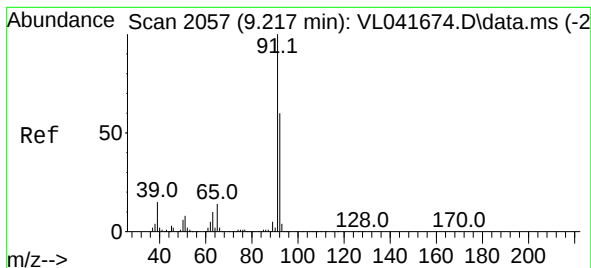
164 100

166 76.8 100.2 150.4#

129 83.0 79.7 119.5

131 63.6 79.0 118.4#





#53

Toluene

Concen: 0.026 ppbv

RT: 9.217 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VL041678.D

Acq: 7 Nov 2024 12:52

Instrument :

MSVOA_1

ClientSampleId :

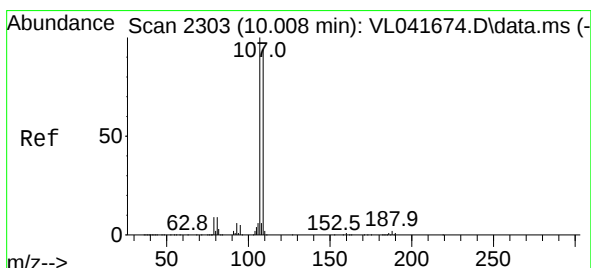
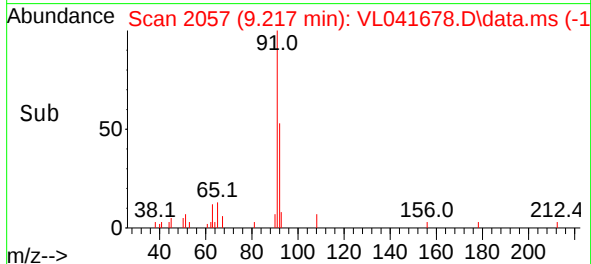
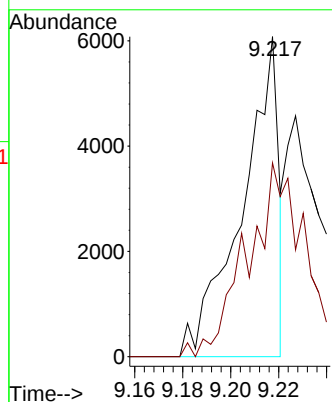
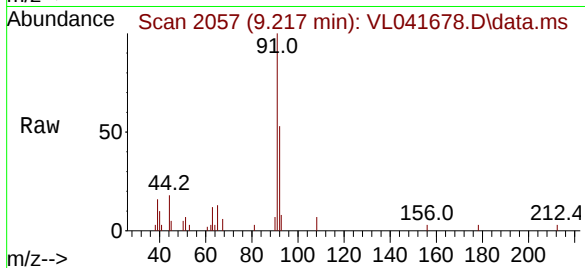
VSTDIC0.1

Tgt Ion: 91 Resp: 6426

Ion Ratio Lower Upper

91 100

92 101.2 49.0 73.4#



#54

1,2-Dibromoethane

Concen: 0.008 ppbv

RT: 10.028 min Scan# 2309

Delta R.T. 0.019 min

Lab File: VL041678.D

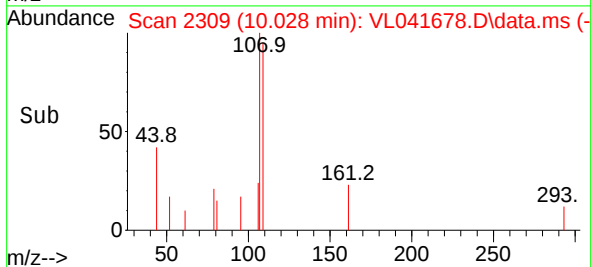
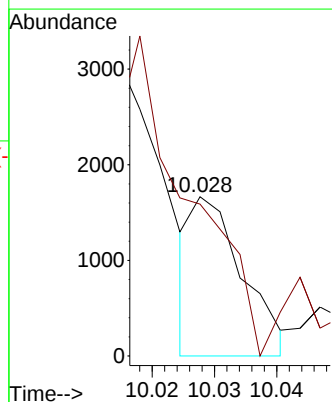
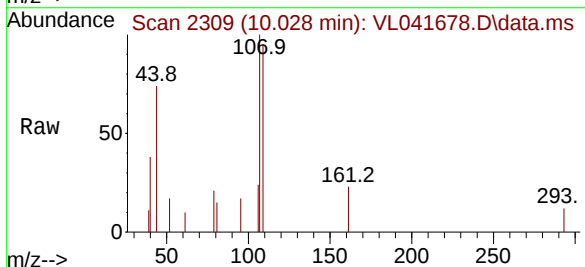
Acq: 7 Nov 2024 12:52

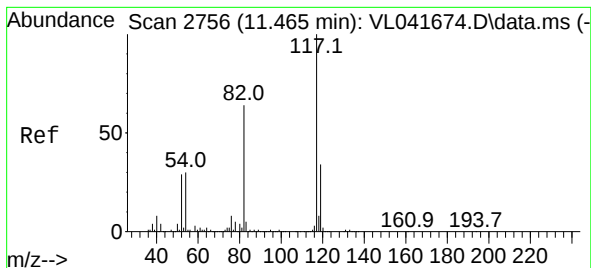
Tgt Ion: 107 Resp: 948

Ion Ratio Lower Upper

107 100

109 81.0 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: VL041678.D

Acq: 7 Nov 2024 12:52

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.1

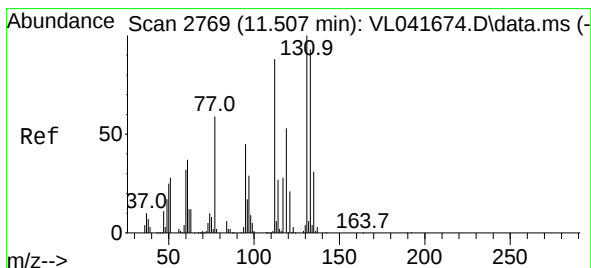
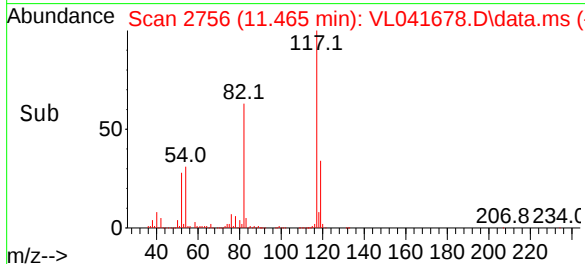
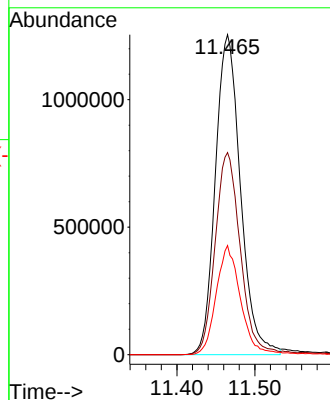
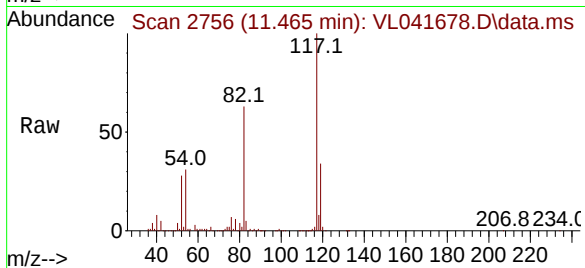
Tgt Ion:117 Resp: 2815160

Ion Ratio Lower Upper

117 100

82 64.5 49.8 74.8

119 33.4 24.2 36.4



#56

1,1,1,2-Tetrachloroethane

Concen: 0.047 ppbv

RT: 11.503 min Scan# 2768

Delta R.T. -0.003 min

Lab File: VL041678.D

Acq: 7 Nov 2024 12:52

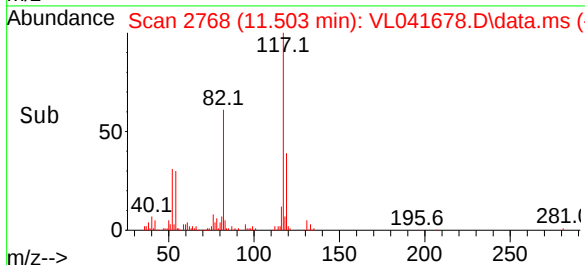
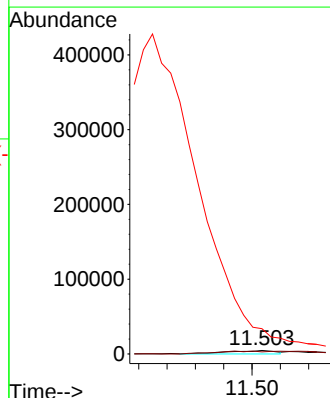
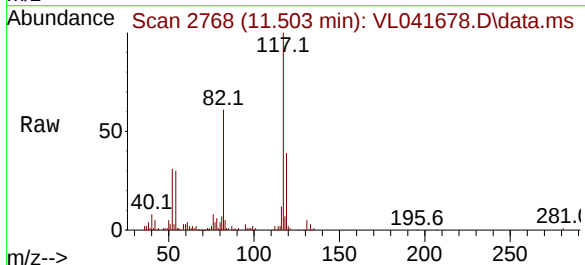
Tgt Ion:131 Resp: 5532

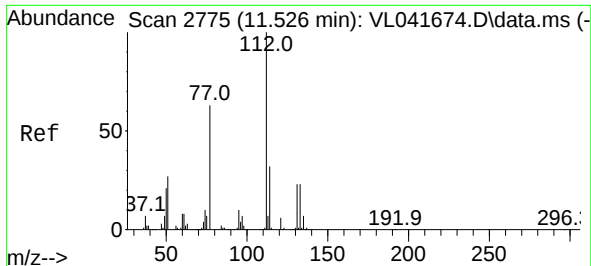
Ion Ratio Lower Upper

131 100

133 174.8 76.5 114.7#

119 0.0 49.8 74.8#





#57

Chlorobenzene

Concen: 0.042 ppbv

RT: 11.520 min Scan# 2775

Delta R.T. -0.006 min

Lab File: VL041678.D

Acq: 7 Nov 2024 12:52

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.1

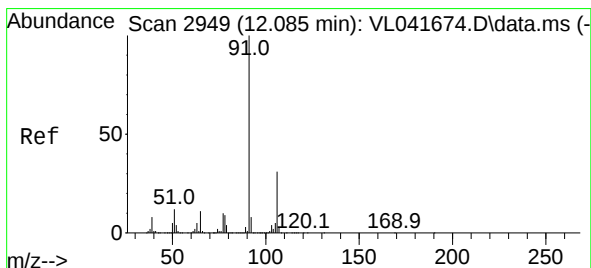
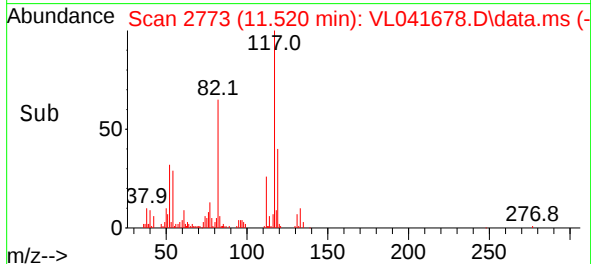
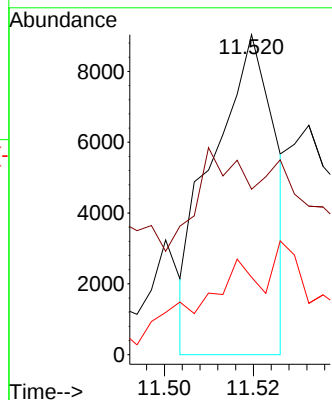
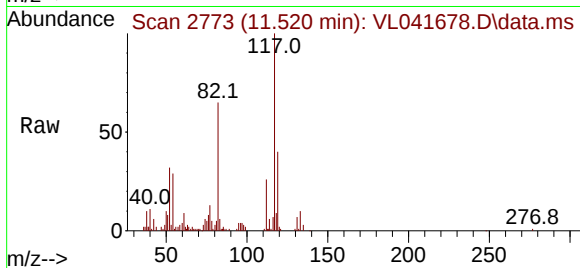
Tgt Ion:112 Resp: 8824

Ion Ratio Lower Upper

112 100

77 14.3 51.4 77.2#

114 15.1 28.4 34.8#



#58

Ethyl Benzene

Concen: 0.026 ppbv

RT: 12.085 min Scan# 2949

Delta R.T. 0.000 min

Lab File: VL041678.D

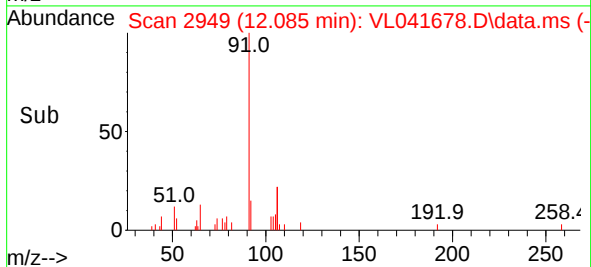
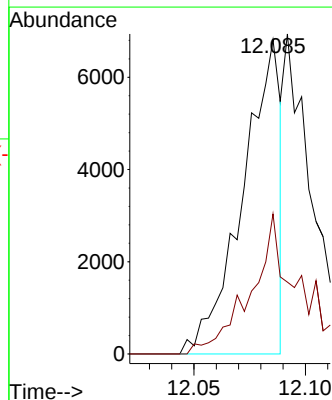
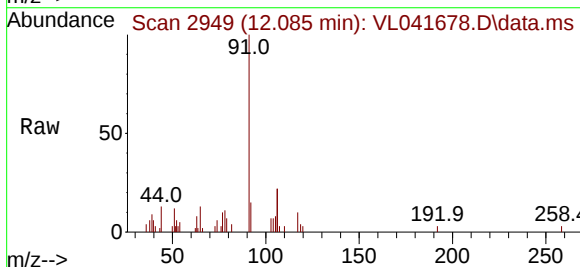
Acq: 7 Nov 2024 12:52

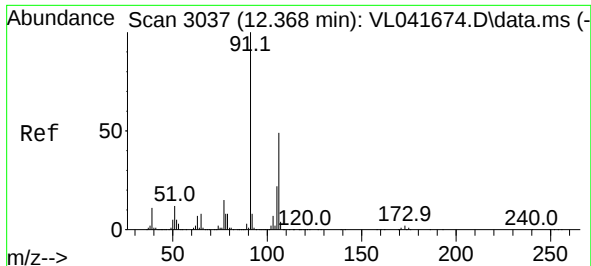
Tgt Ion: 91 Resp: 8058

Ion Ratio Lower Upper

91 100

106 44.5 24.9 37.3#

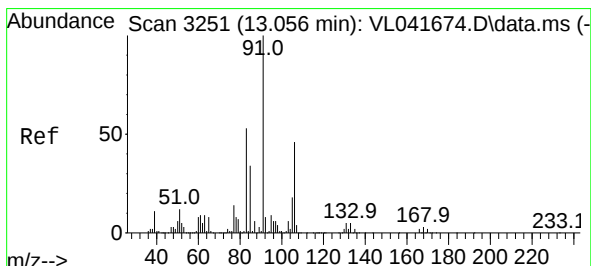
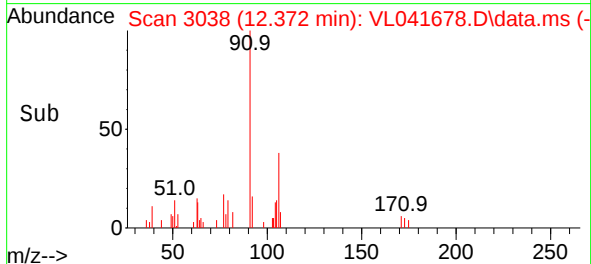
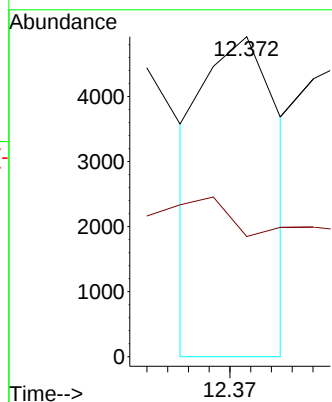
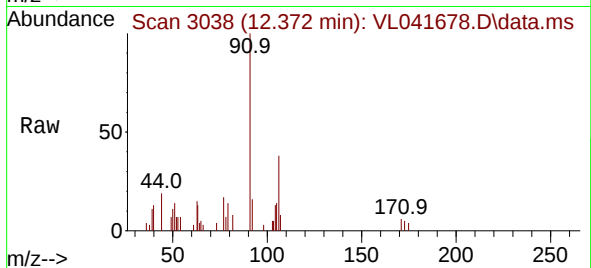




#59
m/p-Xylene
Concen: 0.009 ppbv
RT: 12.372 min Scan# 3038
Delta R.T. 0.003 min
Lab File: VL041678.D
Acq: 7 Nov 2024 12:52

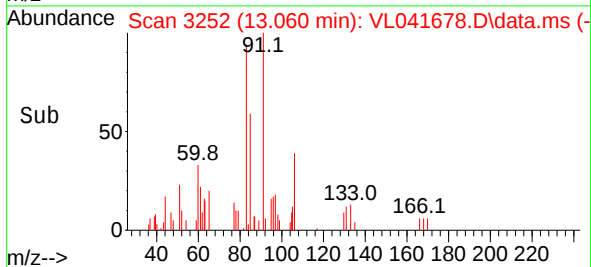
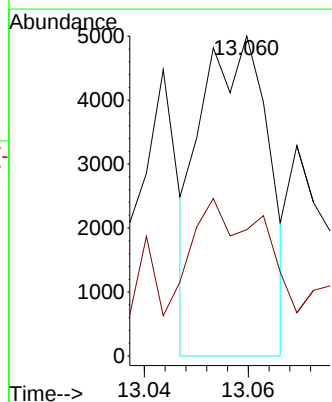
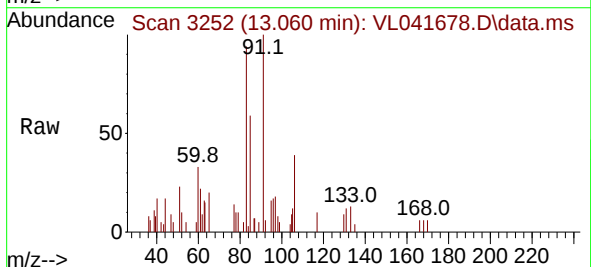
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

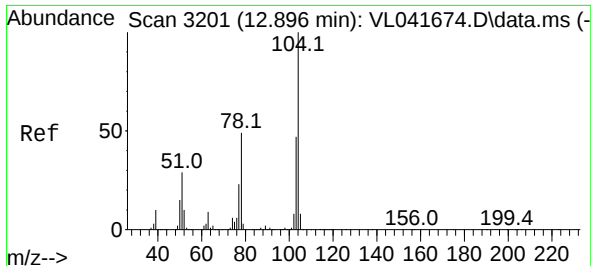
Tgt Ion: 91 Resp: 2522
Ion Ratio Lower Upper
91 100
106 0.0 36.9 55.3#



#60
o-Xylene
Concen: 0.017 ppbv
RT: 13.060 min Scan# 3252
Delta R.T. 0.003 min
Lab File: VL041678.D
Acq: 7 Nov 2024 12:52

Tgt Ion: 91 Resp: 4516
Ion Ratio Lower Upper
91 100
106 94.9 23.2 69.6#

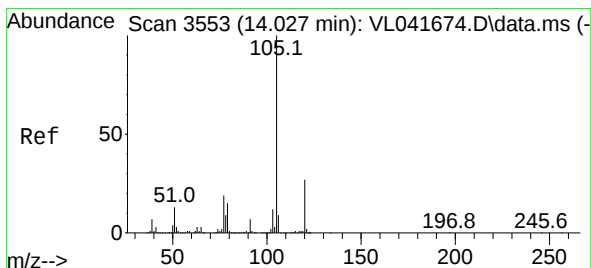
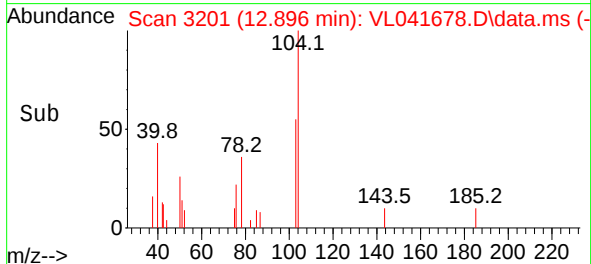
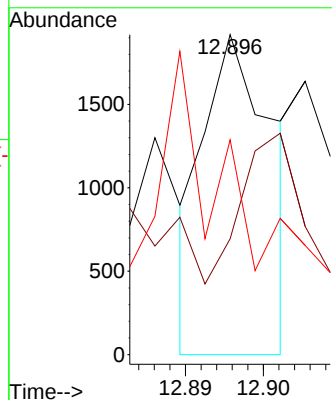
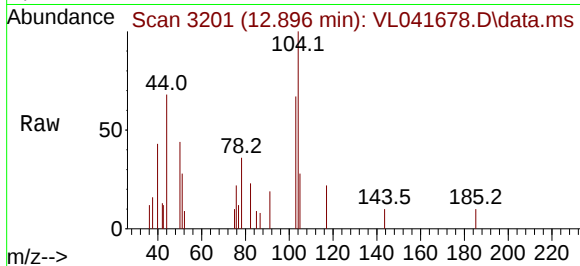




#61
Styrene
Concen: 0.011 ppbv
RT: 12.896 min Scan# 3201
Delta R.T. 0.000 min
Lab File: VL041678.D
Acq: 7 Nov 2024 12:52

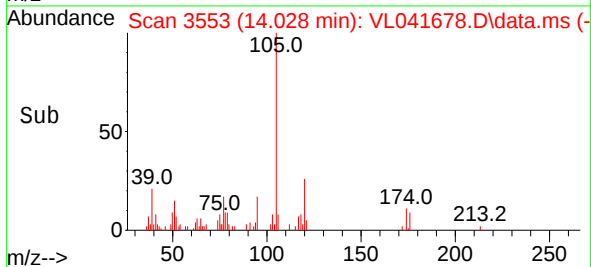
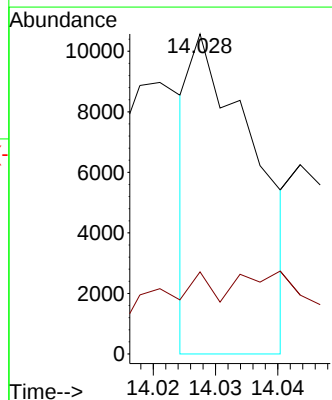
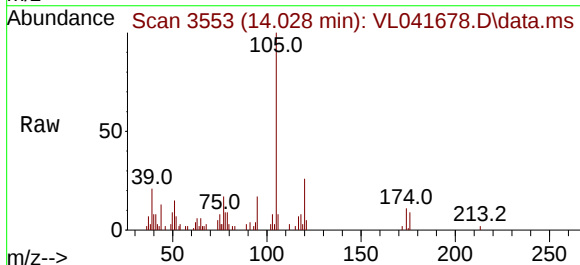
Instrument :
MSVOA_1
ClientSampleId :
VSTDICC0.1

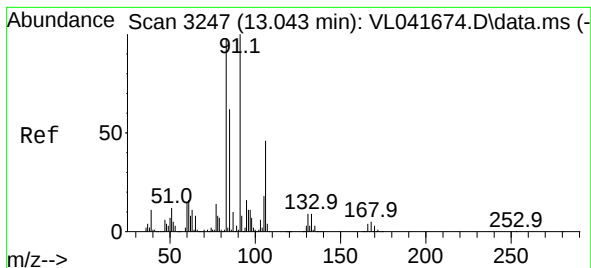
Tgt Ion:104 Resp: 1175
Ion Ratio Lower Upper
104 100
78 0.0 39.8 59.8#
103 0.0 37.4 56.0#



#62
Isopropylbenzene
Concen: 0.018 ppbv
RT: 14.028 min Scan# 3553
Delta R.T. 0.000 min
Lab File: VL041678.D
Acq: 7 Nov 2024 12:52

Tgt Ion:105 Resp: 7473
Ion Ratio Lower Upper
105 100
120 0.0 21.1 31.7#





#63

1,1,2,2-Tetrachloroethane

Concen: 0.035 ppbv

RT: 13.047 min Scan# 31

Delta R.T. 0.003 min

Lab File: VL041678.D

Acq: 7 Nov 2024 12:52

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.1

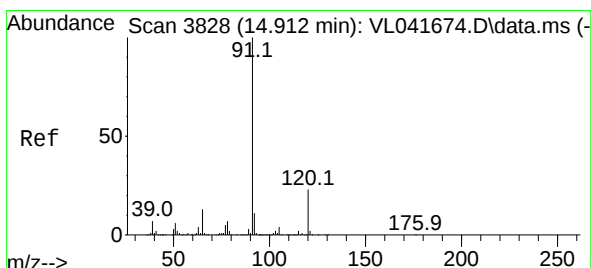
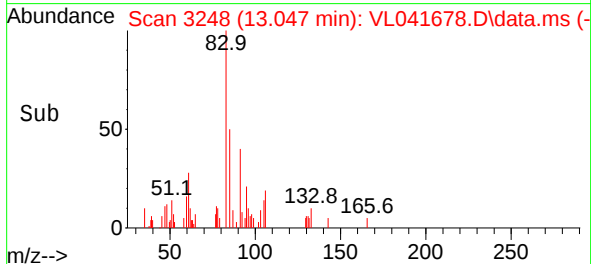
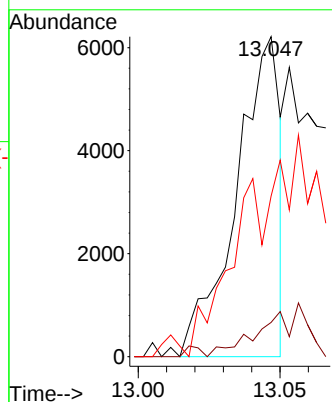
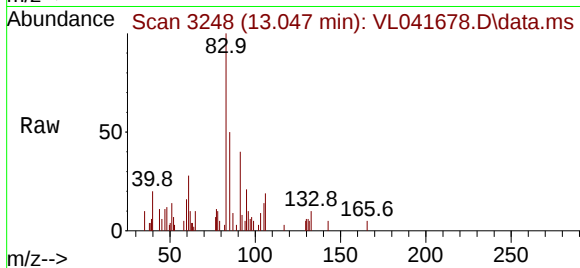
Tgt Ion: 83 Resp: 6699

Ion Ratio Lower Upper

83 100

131 0.0 4.8 14.3#

85 0.0 32.6 98.0#



#64

n-propylbenzene

Concen: 0.016 ppbv

RT: 14.905 min Scan# 3826

Delta R.T. -0.006 min

Lab File: VL041678.D

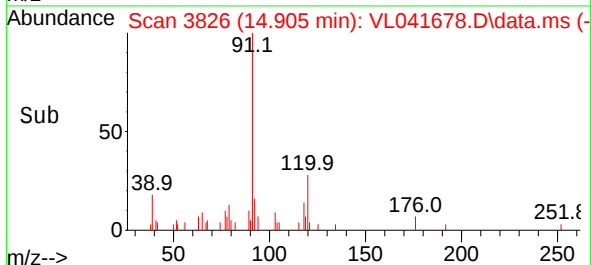
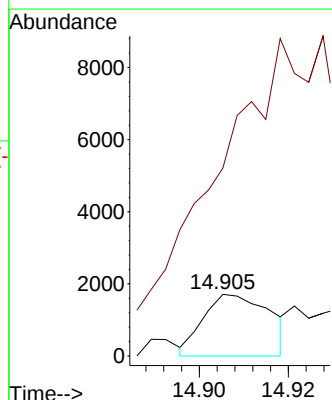
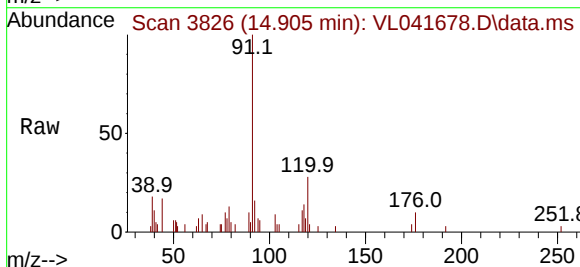
Acq: 7 Nov 2024 12:52

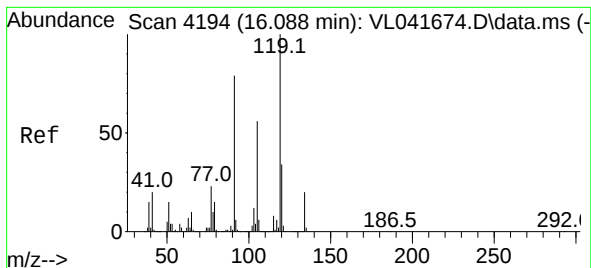
Tgt Ion: 120 Resp: 1772

Ion Ratio Lower Upper

120 100

91 0.0 362.4 543.6#





#65

tert-Butylbenzene

Concen: 0.016 ppbv

RT: 16.095 min Scan# 41

Delta R.T. 0.007 min

Lab File: VL041678.D

Acq: 7 Nov 2024 12:52

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.1

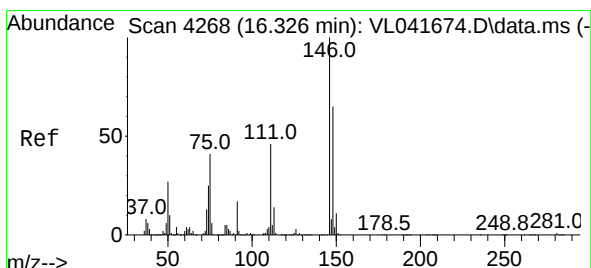
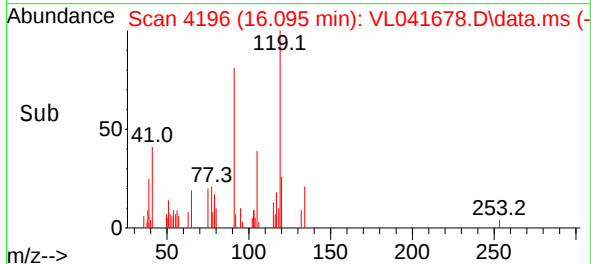
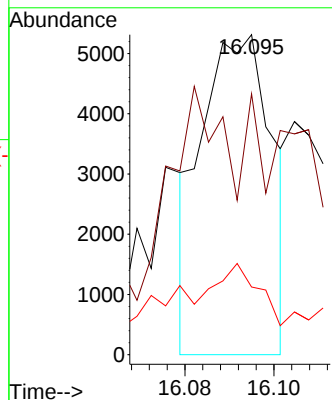
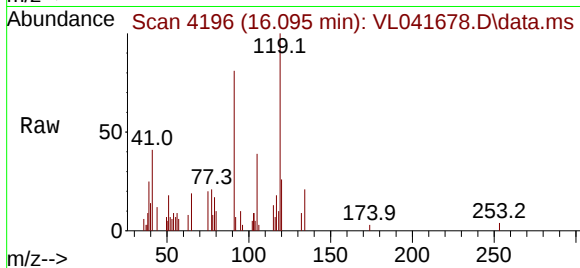
Tgt Ion:119 Resp: 5771

Ion Ratio Lower Upper

119 100

91 0.0 64.3 96.5#

134 53.7 15.8 23.8#



#66

Benzyl Chloride

Concen: 0.018 ppbv

RT: 16.333 min Scan# 4270

Delta R.T. 0.007 min

Lab File: VL041678.D

Acq: 7 Nov 2024 12:52

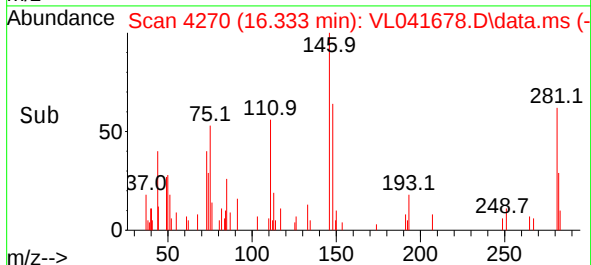
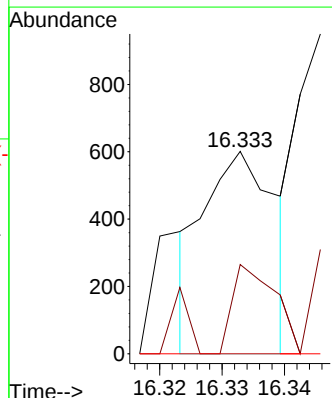
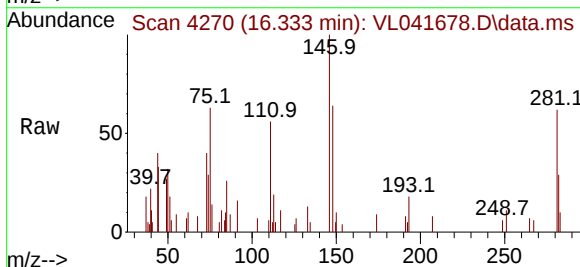
Tgt Ion: 91 Resp: 477

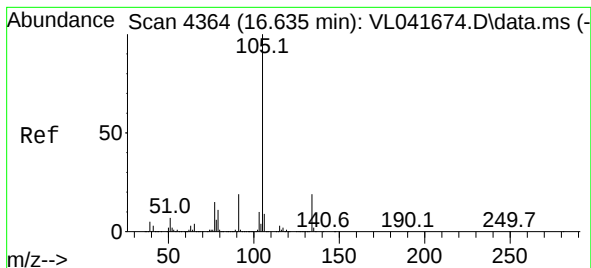
Ion Ratio Lower Upper

91 100

126 0.0 13.8 20.6#

128 0.0 4.3 6.5#





#67

sec-Butylbenzene

Concen: 0.010 ppbv

RT: 16.642 min Scan# 4366

Delta R.T. 0.007 min

Lab File: VL041678.D

Acq: 7 Nov 2024 12:52

Instrument :

MSVOA_1

ClientSampleId :

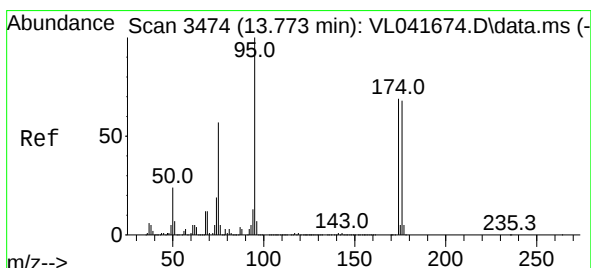
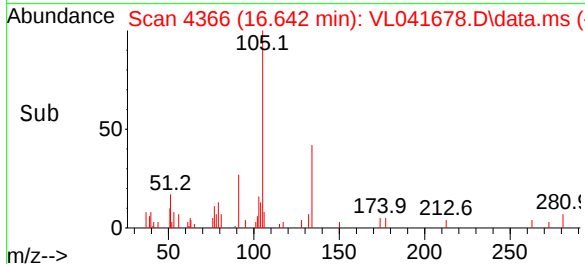
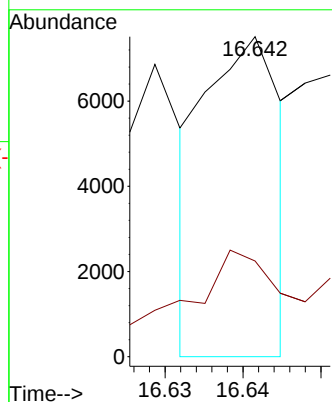
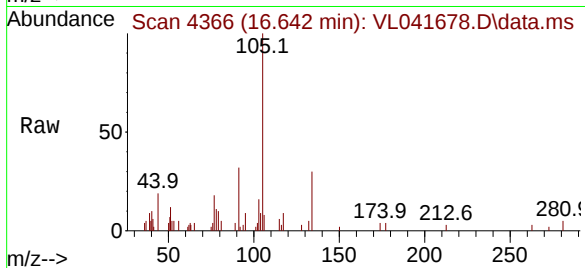
VSTDIC0.1

Tgt Ion:105 Resp: 5110

Ion Ratio Lower Upper

105 100

134 94.7 14.6 22.0#



#68

1-Bromo-4-Fluorobenzene

Concen: 10.145 ppbv

RT: 13.774 min Scan# 3474

Delta R.T. 0.000 min

Lab File: VL041678.D

Acq: 7 Nov 2024 12:52

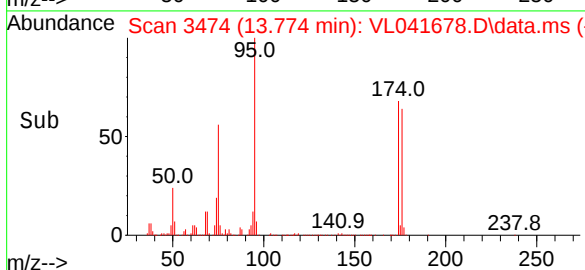
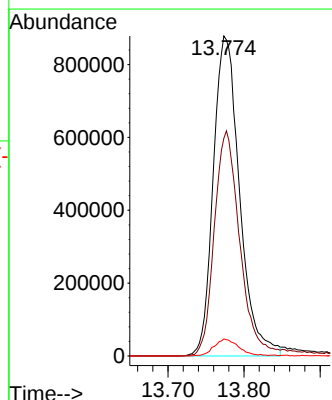
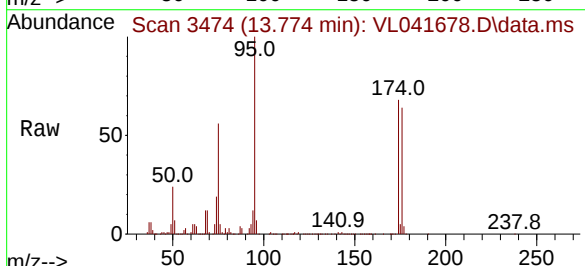
Tgt Ion: 95 Resp: 2112048

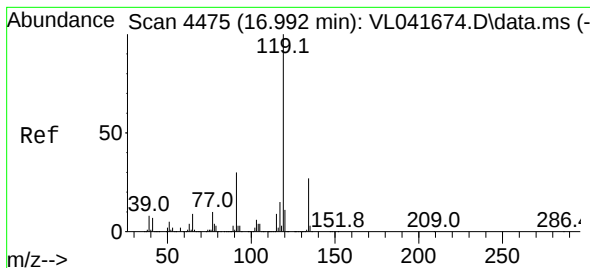
Ion Ratio Lower Upper

95 100

174 71.0 55.6 83.4

175 5.1 4.2 6.2





#69

p-Isopropyltoluene

Concen: 0.009 ppbv

RT: 16.995 min Scan# 4475

Delta R.T. 0.003 min

Lab File: VL041678.D

Acq: 7 Nov 2024 12:52

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.1

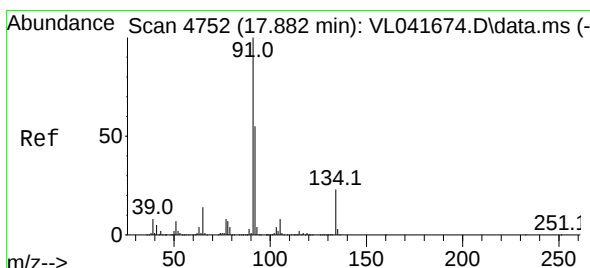
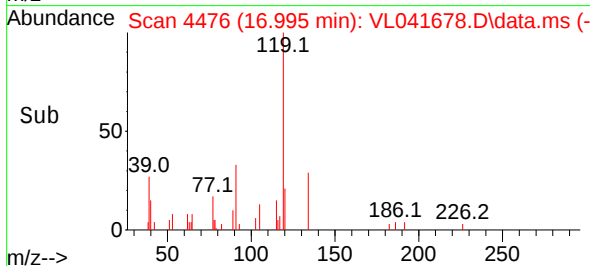
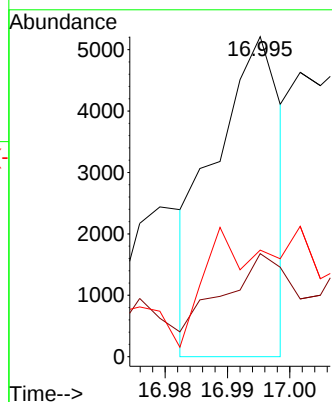
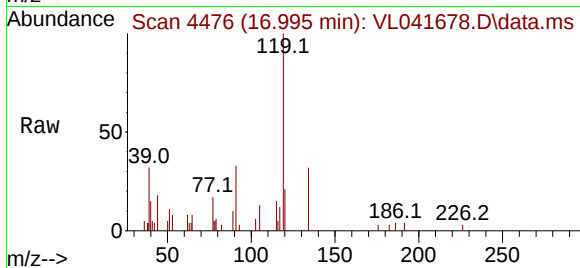
Tgt Ion:119 Resp: 3874

Ion Ratio Lower Upper

119 100

134 0.0 20.8 31.2#

91 0.0 23.2 34.8#



#70

n-Butylbenzene

Concen: 0.006 ppbv

RT: 17.883 min Scan# 4752

Delta R.T. 0.000 min

Lab File: VL041678.D

Acq: 7 Nov 2024 12:52

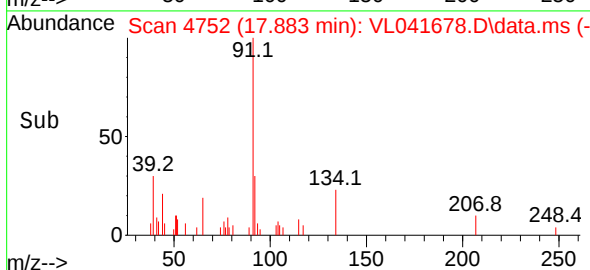
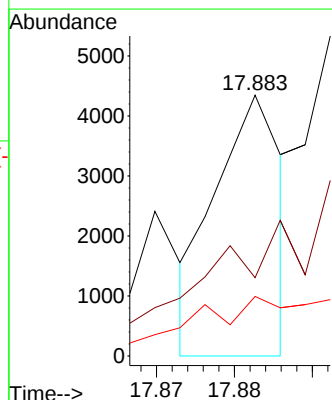
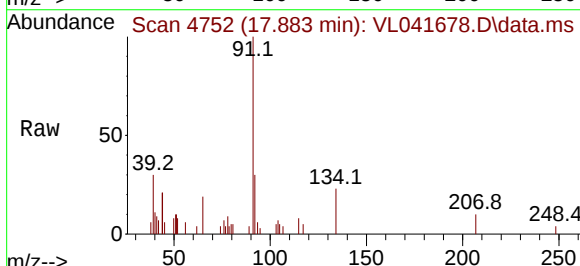
Tgt Ion: 91 Resp: 2579

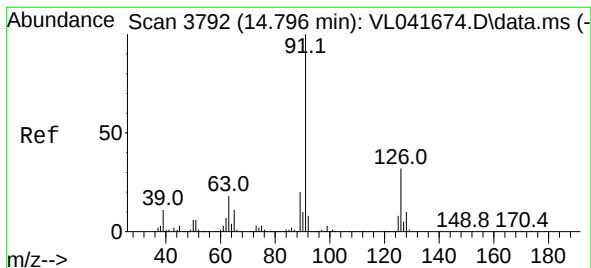
Ion Ratio Lower Upper

91 100

92 0.0 43.3 64.9#

134 0.0 18.4 27.6#

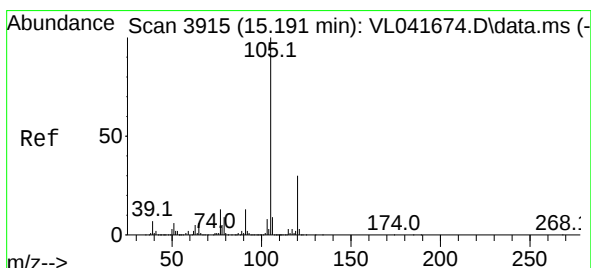
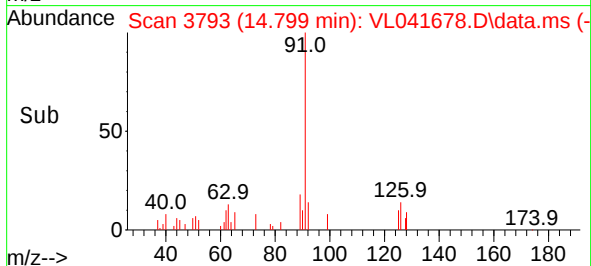
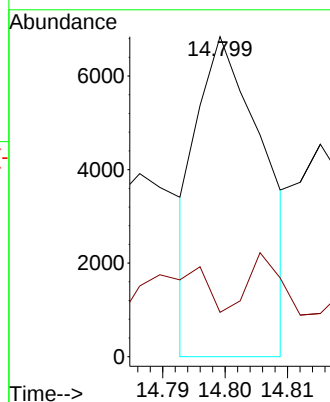
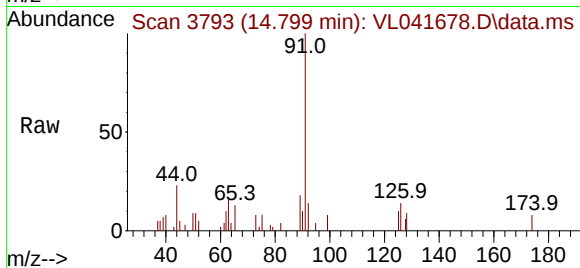




#71
2-Chlorotoluene
Concen: 0.017 ppbv
RT: 14.799 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL041678.D
Acq: 7 Nov 2024 12:52

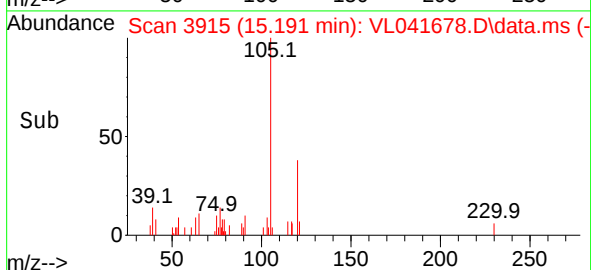
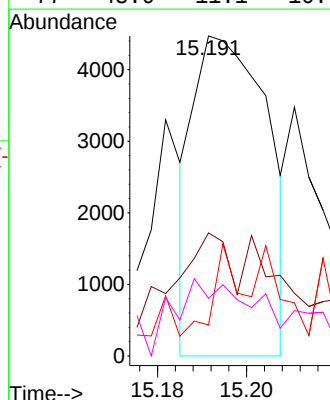
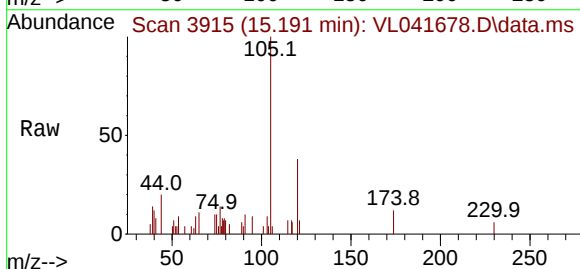
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1

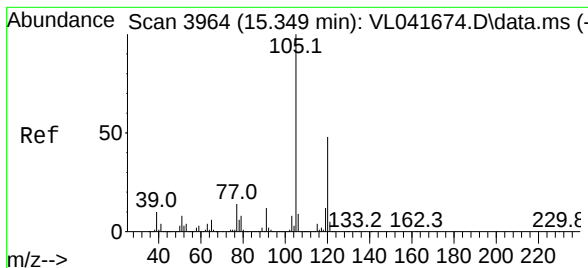
Tgt Ion: 91 Resp: 5048
Ion Ratio Lower Upper
91 100
126 44.2 12.8 51.0



#72
4-Ethyltoluene
Concen: 0.017 ppbv
RT: 15.191 min Scan# 3915
Delta R.T. 0.000 min
Lab File: VL041678.D
Acq: 7 Nov 2024 12:52

Tgt Ion: 105 Resp: 5148
Ion Ratio Lower Upper
105 100
120 76.8 25.0 37.4#
91 49.0 10.6 15.8#
77 43.0 11.1 16.7#





#73

1,3,5-Trimethylbenzene

Concen: 0.016 ppbv

RT: 15.349 min Scan# 3964

Delta R.T. 0.000 min

Lab File: VL041678.D

Acq: 7 Nov 2024 12:52

Instrument :

MSVOA_1

ClientSampleId :

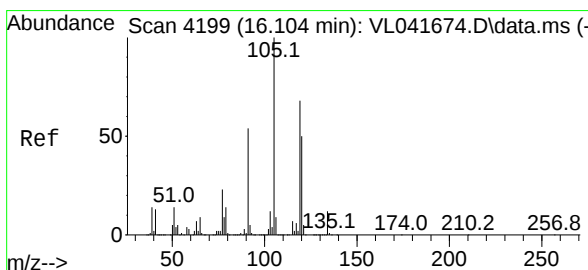
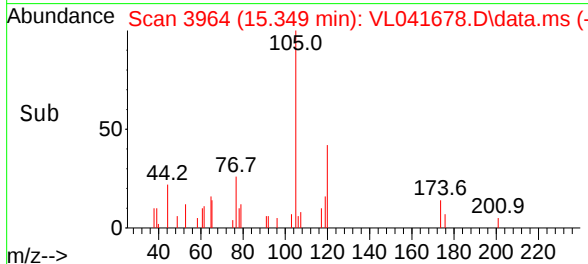
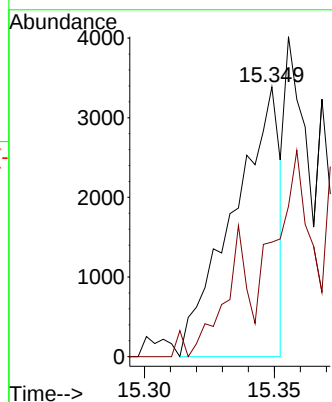
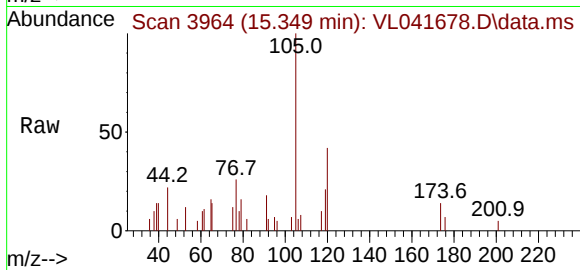
VSTDIC0.1

Tgt Ion:105 Resp: 4231

Ion Ratio Lower Upper

105 100

120 32.8 38.4 57.6#



#74

1,2,4-Trimethylbenzene

Concen: 0.011 ppbv

RT: 16.111 min Scan# 4201

Delta R.T. 0.007 min

Lab File: VL041678.D

Acq: 7 Nov 2024 12:52

Tgt Ion:105 Resp: 3618

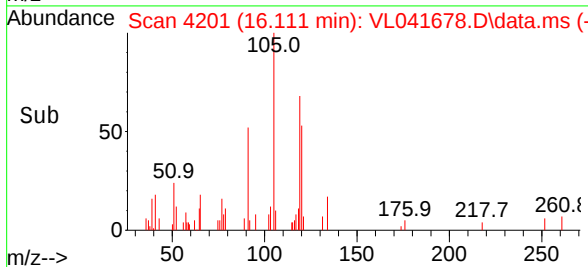
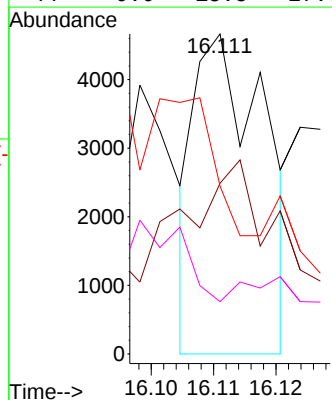
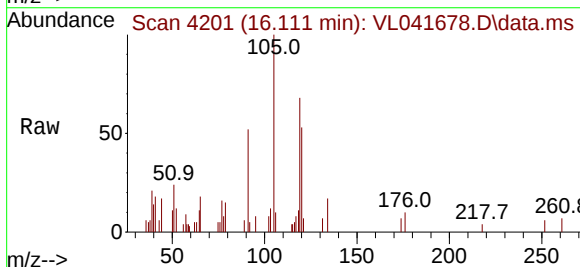
Ion Ratio Lower Upper

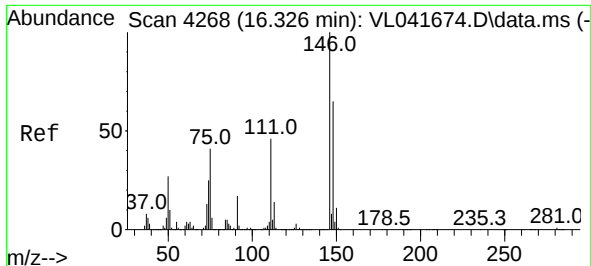
105 100

120 18.1 39.8 59.8#

91 6.5 43.2 64.8#

77 0.0 18.5 27.7#





#75

1,3-Dichlorobenzene

Concen: 0.012 ppbv

RT: 16.326 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL041678.D

Acq: 7 Nov 2024 12:52

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.1

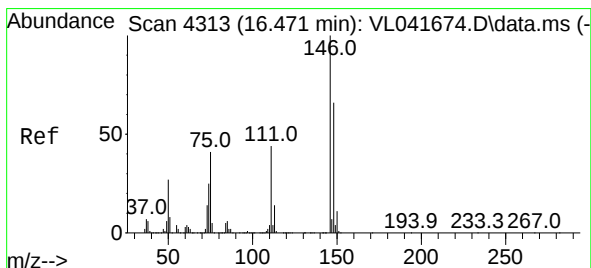
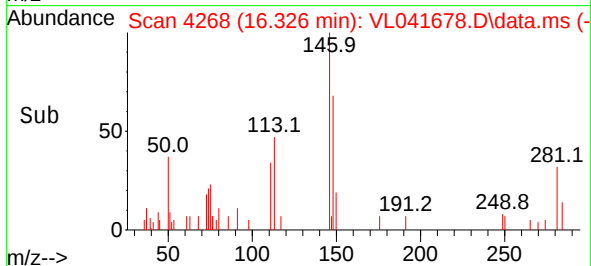
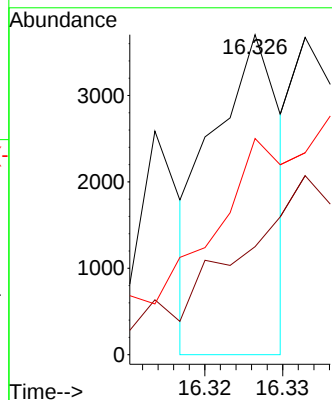
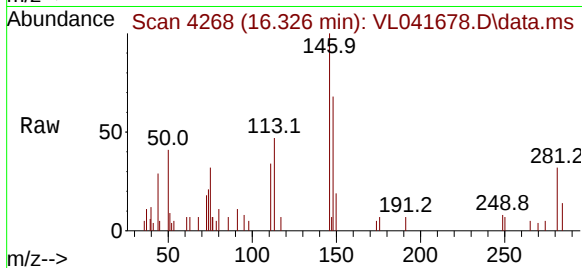
Tgt Ion:146 Resp: 2267

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: 0.013 ppbv

RT: 16.468 min Scan# 4312

Delta R.T. -0.003 min

Lab File: VL041678.D

Acq: 7 Nov 2024 12:52

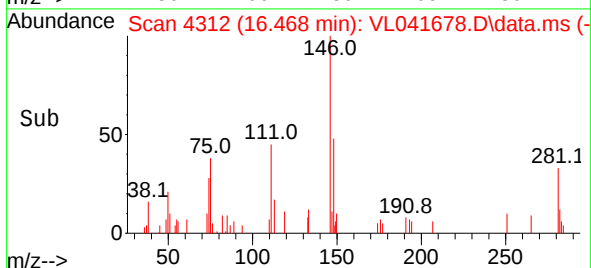
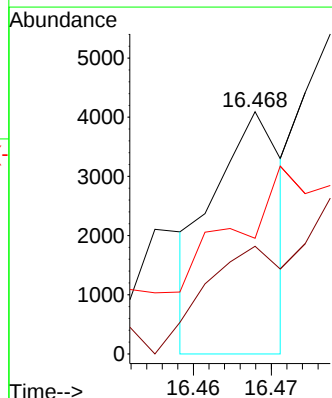
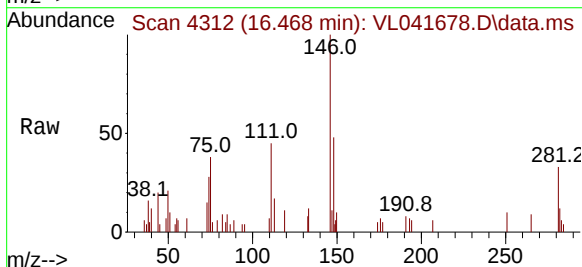
Tgt Ion:146 Resp: 2512

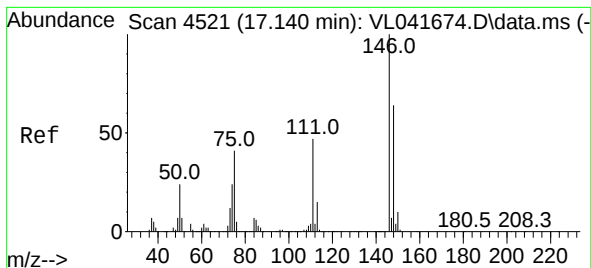
Ion Ratio Lower Upper

146 100

111 0.0 22.1 66.3#

148 347.5 33.3 99.8#





#77

1,2-Dichlorobenzene

Concen: 0.031 ppbv

RT: 17.153 min Scan# 4525

Delta R.T. 0.013 min

Lab File: VL041678.D

Acq: 7 Nov 2024 12:52

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.1

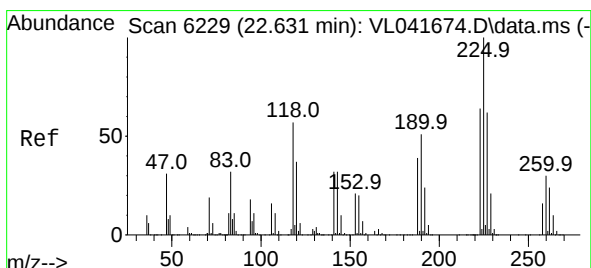
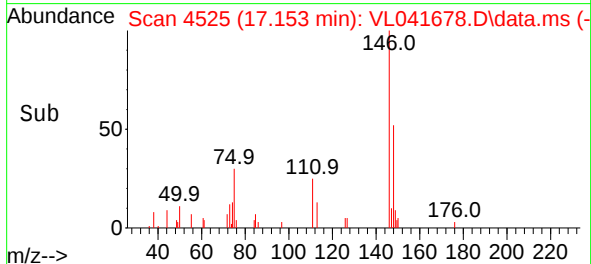
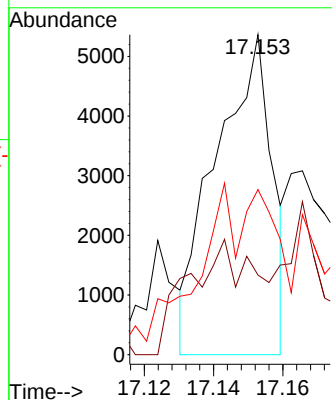
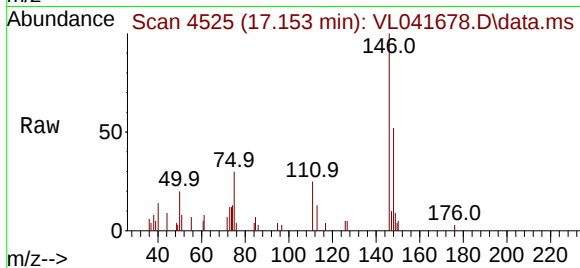
Tgt Ion:146 Resp: 6040

Ion Ratio Lower Upper

146 100

111 0.0 23.4 70.3#

148 123.1 32.1 96.5#



#78

Hexachloro-1,3-Butadiene

Concen: 0.038 ppbv

RT: 22.632 min Scan# 6229

Delta R.T. 0.000 min

Lab File: VL041678.D

Acq: 7 Nov 2024 12:52

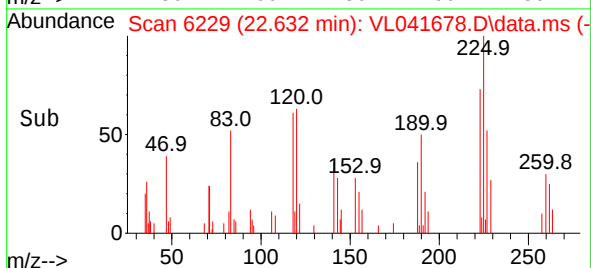
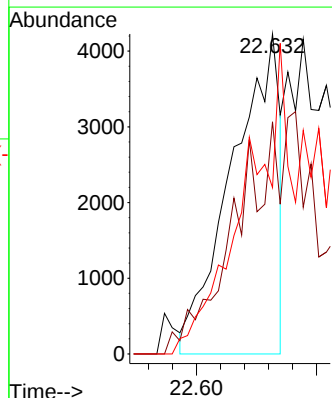
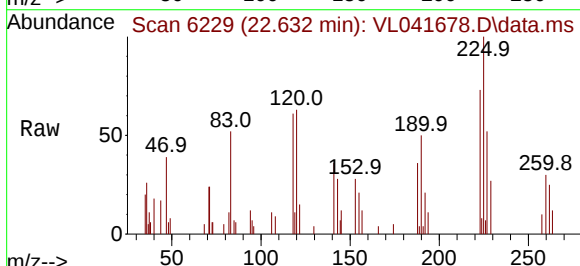
Tgt Ion:225 Resp: 5833

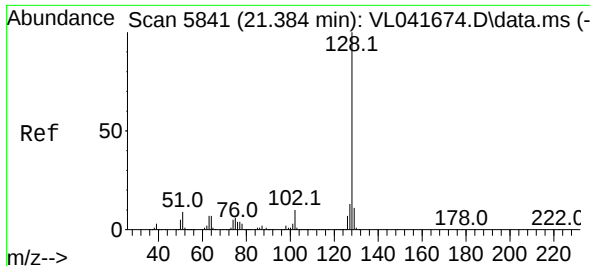
Ion Ratio Lower Upper

225 100

223 0.0 51.1 76.7#

227 158.4 51.3 76.9#

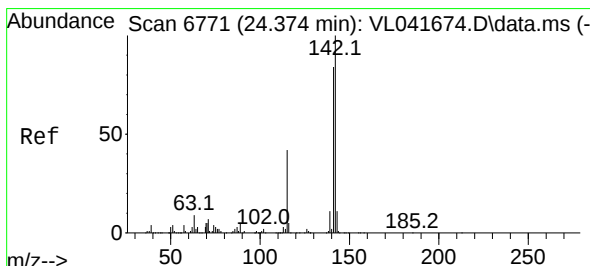
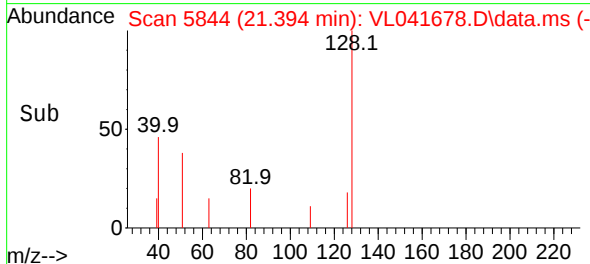
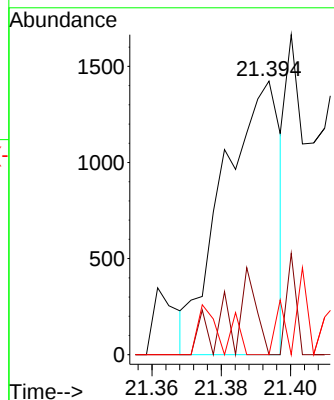
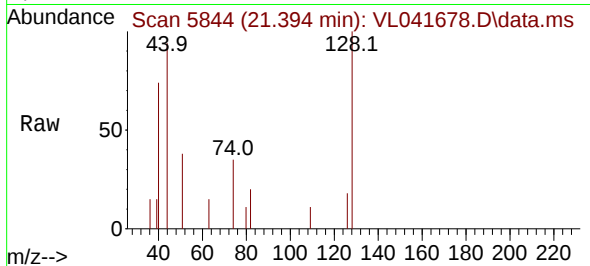




#79
Naphthalene
Concen: 0.008 ppbv
RT: 21.394 min Scan# 51
Delta R.T. 0.010 min
Lab File: VL041678.D
Acq: 7 Nov 2024 12:52

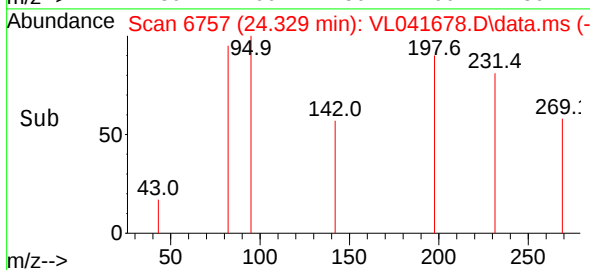
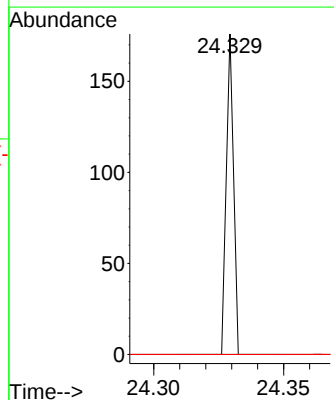
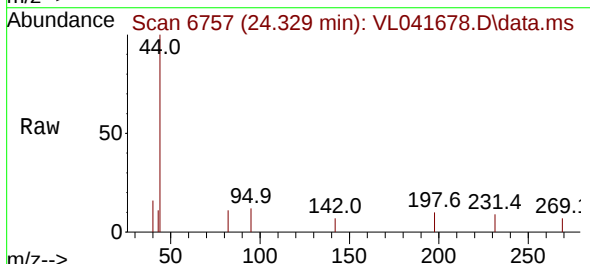
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

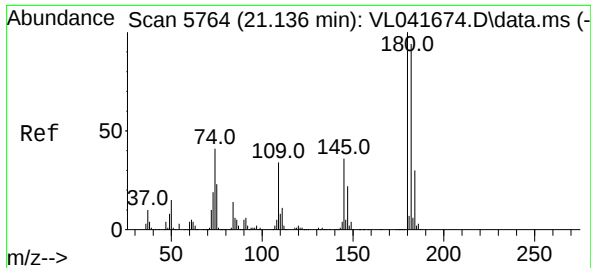
Tgt Ion:128 Resp: 1624
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.7 13.1#



#80
Naphthalene,2-methyl-
Concen: 0.001 ppbv
RT: 24.329 min Scan# 6757
Delta R.T. -0.045 min
Lab File: VL041678.D
Acq: 7 Nov 2024 12:52

Tgt Ion:142 Resp: 34
Ion Ratio Lower Upper
142 100
141 0.0 68.1 102.1#
115 0.0 33.1 49.7#





#81

1,2,4-Trichlorobenzene

Concen: 0.005 ppbv

RT: 21.137 min Scan# 51

Delta R.T. 0.000 min

Lab File: VL041678.D

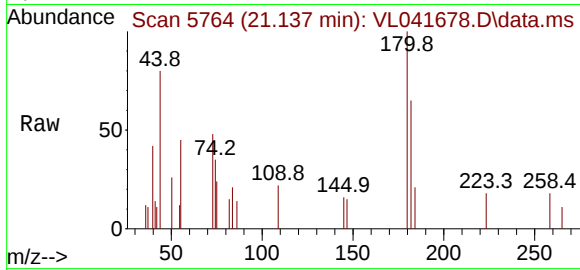
Acq: 7 Nov 2024 12:52

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.1



Tgt Ion:180 Resp: 609

Ion Ratio Lower Upper

180 100

182 0.0 78.2 117.2#

184 0.0 25.0 37.4#

