

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110724\
 Data File : VL041679.D
 Acq On : 7 Nov 2024 13:31
 Operator : SY/MD
 Sample : VSTDICC0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.03

Quant Time: Nov 08 00:12:39 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)

Internal Standards						
1) Bromochloromethane	5.192	49	1085923	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.652	114	3041887	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	2745730	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.777	95	2034307	10.018	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.200%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.732	85	6415	0.033	ppbv	97
3) Chlorodifluoromethane	2.678	51	4231	0.030	ppbv #	78
4) Chloromethane	2.809	50	1954	0.026	ppbv #	69
5) Vinyl Chloride	2.922	62	1458	0.021	ppbv #	43
6) Bromomethane	3.115	94	500	0.014	ppbv #	20
7) Chloroethane	3.195	64	355	0.014	ppbv #	83
8) Dichlorotetrafluoroethane	2.854	85	4693	0.027	ppbv	85
9) Propene	2.694	41	3311	0.054	ppbv #	15
10) Heptane	7.581	43	701	0.005	ppbv #	1
11) Trichlorofluoromethane	3.555	101	4735	0.028	ppbv #	64
12) 1,1,2-Trichlorotrifluo...	4.060	101	3059	0.025	ppbv #	75
13) Ethanol	3.263	45	191	0.050	ppbv	90
14) Bromoethene	3.366	108	767	0.015	ppbv #	5
15) Acetone	3.462	43	221	0.002	ppbv #	48
16) 1,3-Butadiene	2.980	39	1582	0.024	ppbv	92
17) tert-Butyl alcohol	3.870	59	61	0.001	ppbv #	72
18) 1,1-Dichloroethene	3.877	96	1065	0.020	ppbv #	32
19) Isopropyl Alcohol	3.578	45	98	0.002	ppbv #	91
20) Methylene Chloride	3.932	84	7989	0.162	ppbv	86
21) Allyl Chloride	3.996	41	1190	0.014	ppbv #	1
22) trans-1,2-Dichloroethene	4.449	96	520	0.010	ppbv #	66
23) Vinyl Acetate	4.632	43	855	0.014	ppbv #	78
24) 1,1-Dichloroethane	4.555	63	2589	0.021	ppbv #	90
25) Ethyl Acetate	5.202	43	1588	0.006	ppbv #	74
26) Hexane	5.218	57	745	0.007	ppbv #	1
27) Carbon Disulfide	4.124	76	1735	0.015	ppbv #	1
28) Methyl tert-Butyl Ether	4.613	73	754	0.011	ppbv	96
29) Chloroform	5.292	83	318	0.002	ppbv	99
30) Cyclohexane	6.603	84	702	0.008	ppbv #	1
31) cis-1,2-Dichloroethene	5.086	61	458	0.004	ppbv #	48
32) 1,1,1-Trichloroethane	6.005	97	1403	0.009	ppbv #	1
34) 2-Butanone	4.755	43	129	0.001	ppbv #	54
35) Carbon Tetrachloride	6.491	117	1934	0.012	ppbv #	73
36) Benzene	6.372	78	2104	0.009	ppbv #	63
37) 1,2-Dichloroethane	5.812	62	2581	0.020	ppbv	96
38) Trichloroethene	7.291	130	1440	0.017	ppbv #	47
39) 1,2-Dichloropropane	6.648	63	750579	8.427	ppbv #	24
40) 1,4-Dioxane	7.272	88	41	0.001	ppbv #	1
41) Tetrahydrofuran	5.597	42	1248	0.014	ppbv #	57
42) Bromodichloromethane	7.246	83	1411	0.008	ppbv #	65
43) Methyl Methacrylate	7.472	69	273	0.003	ppbv #	1
44) 2,2,4-Trimethylpentane	7.320	57	1208	0.003	ppbv #	1
45) t-1,3-Dichloropropene	8.706	75	213	0.003	ppbv #	44

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 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Nov 08 00:07:44 2024
 Response via : Initial Calibration

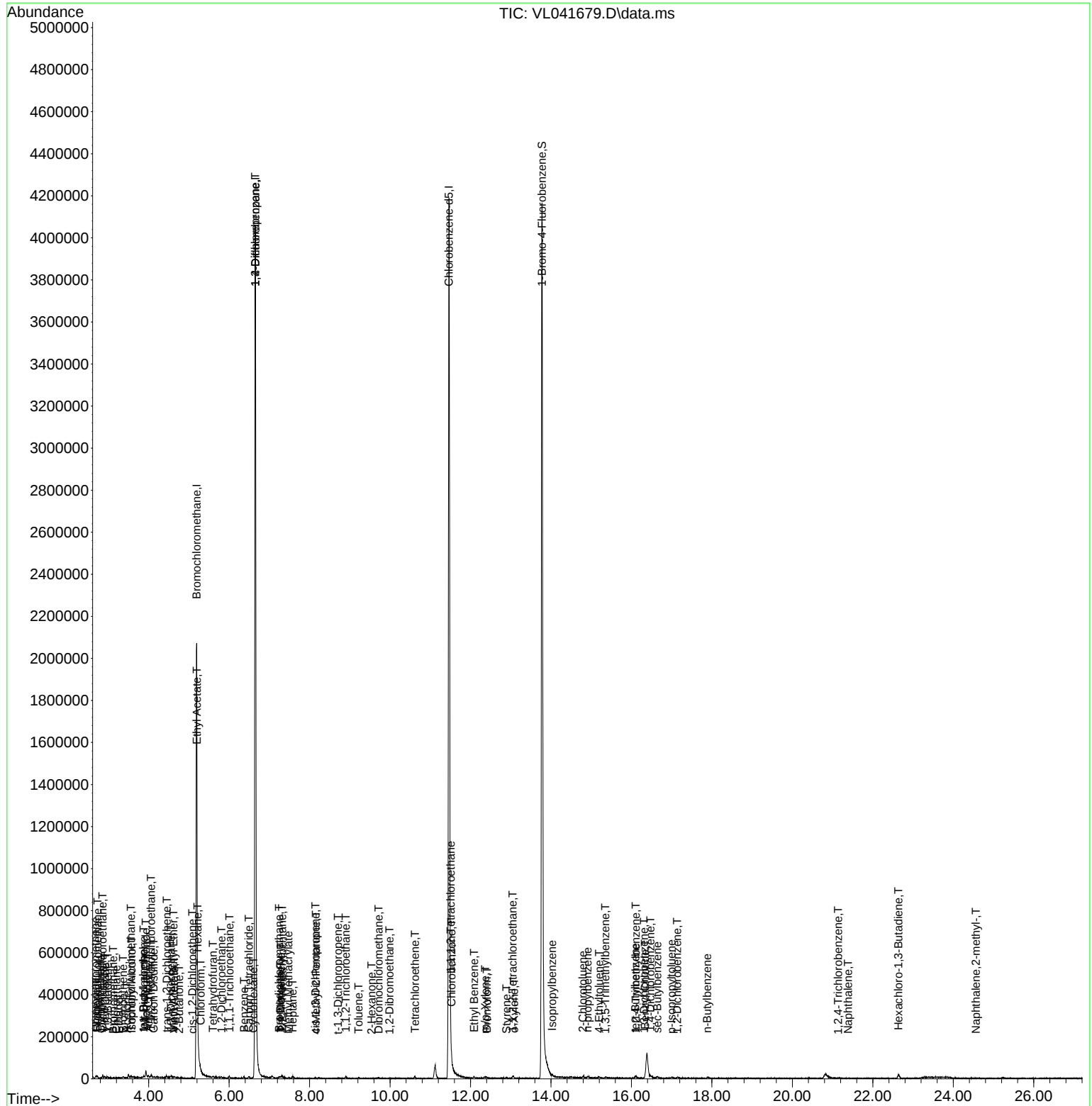
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
46) cis-1,3-Dichloropropene	8.147	75	395	0.004	ppbv	#	61
47) 1,1,2-Trichloroethane	8.896	97	998	0.010	ppbv	#	42
48) Dibromochloromethane	9.716	129	535	0.004	ppbv	#	10
49) Bromoform	12.407	173	728	0.006	ppbv	#	27
50) 4-Methyl-2-Pentanone	8.163	43	68	0.000	ppbv	#	40
51) 2-Hexanone	9.542	43	154	0.001	ppbv	#	31
52) Tetrachloroethene	10.623	164	492	0.006	ppbv	#	30
53) Toluene	9.217	91	447	0.002	ppbv	#	20
54) 1,2-Dibromoethane	9.986	107	148	0.001	ppbv		90
56) 1,1,1,2-Tetrachloroethane	11.507	131	1400	0.012	ppbv	#	1
57) Chlorobenzene	11.526	112	1018	0.005	ppbv	#	42
58) Ethyl Benzene	12.089	91	2272	0.007	ppbv		93
59) m/p-Xylene	12.365	91	880	0.003	ppbv	#	30
60) o-Xylene	13.082	91	359	0.001	ppbv		73
61) Styrene	12.893	104	361	0.003	ppbv	#	1
62) Isopropylbenzene	14.028	105	2118	0.005	ppbv	#	1
63) 1,1,2,2-Tetrachloroethane	13.047	83	1745	0.009	ppbv	#	25
64) n-propylbenzene	14.912	120	187	0.002	ppbv	#	1
65) tert-Butylbenzene	16.095	119	481	0.001	ppbv	#	1
66) Benzyl Chloride	16.339	91	31	0.001	ppbv	#	66
67) sec-Butylbenzene	16.645	105	2059	0.004	ppbv		99
69) p-Isopropyltoluene	16.995	119	431	0.001	ppbv	#	1
70) n-Butylbenzene	17.886	91	657	0.002	ppbv	#	33
71) 2-Chlorotoluene	14.793	91	1624	0.006	ppbv	#	43
72) 4-Ethyltoluene	15.198	105	907	0.003	ppbv	#	54
73) 1,3,5-Trimethylbenzene	15.352	105	343	0.001	ppbv	#	29
74) 1,2,4-Trimethylbenzene	16.111	105	1159	0.004	ppbv	#	45
75) 1,3-Dichlorobenzene	16.314	146	202	0.001	ppbv	#	23
76) 1,4-Dichlorobenzene	16.471	146	857	0.005	ppbv	#	23
77) 1,2-Dichlorobenzene	17.137	146	285	0.002	ppbv	#	23
78) Hexachloro-1,3-Butadiene	22.635	225	2496	0.017	ppbv	#	57
79) Naphthalene	21.381	128	64	0.000	ppbv	#	69
80) Naphthalene,2-methyl-	24.561	142	38	0.001	ppbv	#	18
81) 1,2,4-Trichlorobenzene	21.140	180	259	0.002	ppbv	#	1

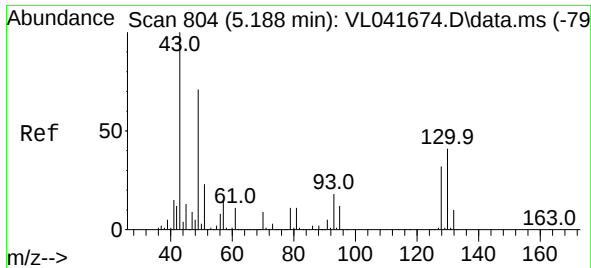
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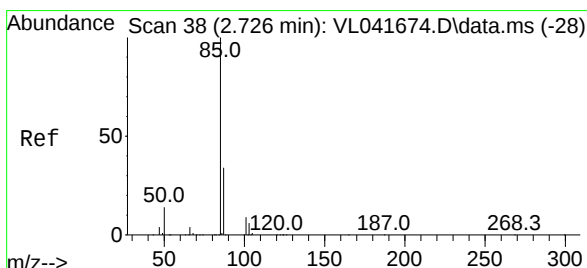
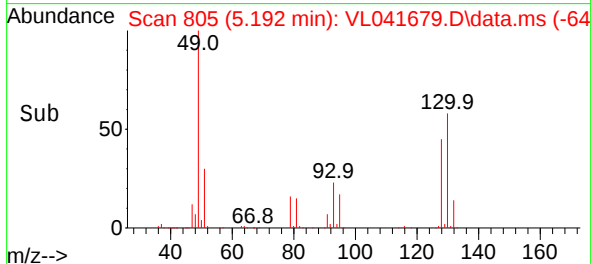
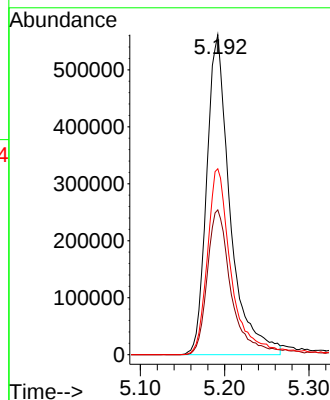
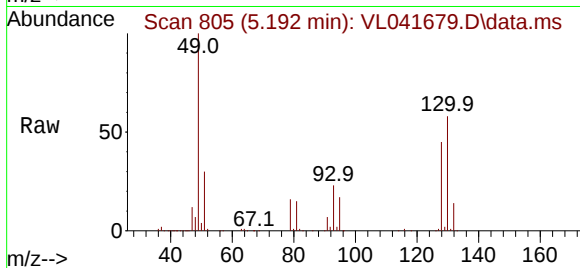




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.192 min Scan# 80
 Delta R.T. 0.004 min
 Lab File: VL041679.D
 Acq: 7 Nov 2024 13:31

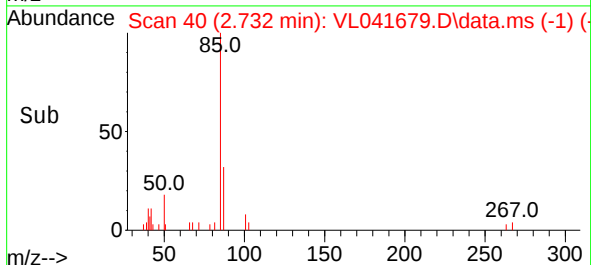
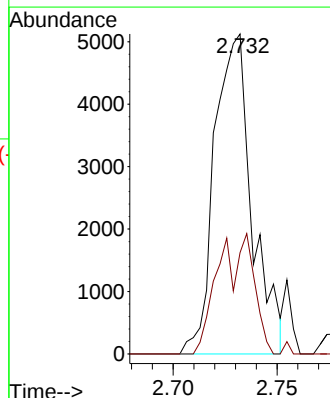
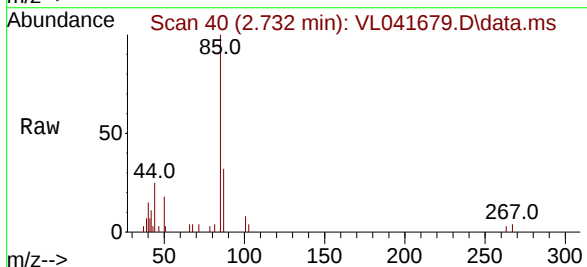
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 ClientSampleId :
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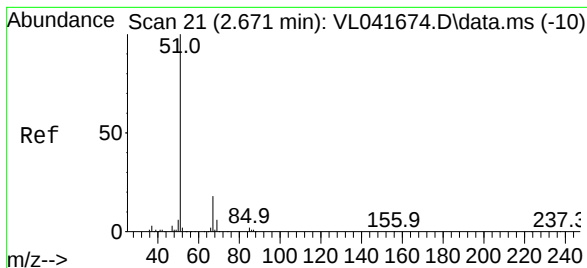
Tgt Ion: 49 Resp: 1085923
 Ion Ratio Lower Upper
 49 100
 128 48.0 23.8 71.2
 130 61.1 30.1 90.5



#2
 Dichlorodifluoromethane
 Concen: 0.033 ppbv
 RT: 2.732 min Scan# 40
 Delta R.T. 0.007 min
 Lab File: VL041679.D
 Acq: 7 Nov 2024 13:31

Tgt Ion: 85 Resp: 6415
 Ion Ratio Lower Upper
 85 100
 87 31.7 26.8 40.2

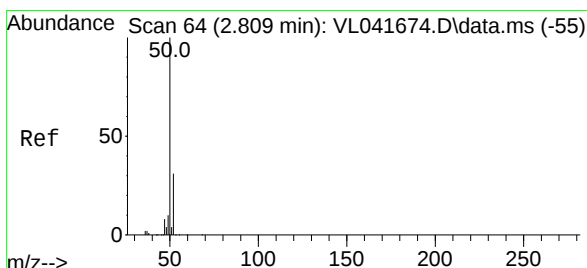
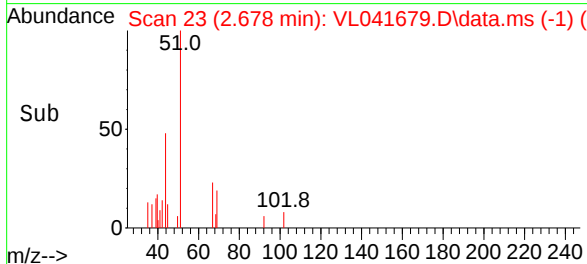
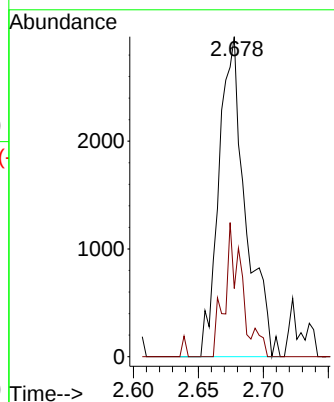
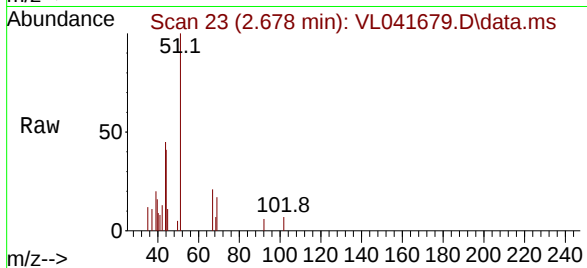




#3
Chlorodifluoromethane
Concen: 0.030 ppbv
RT: 2.678 min Scan# 21
Delta R.T. 0.007 min
Lab File: VL041679.D
Acq: 7 Nov 2024 13:31

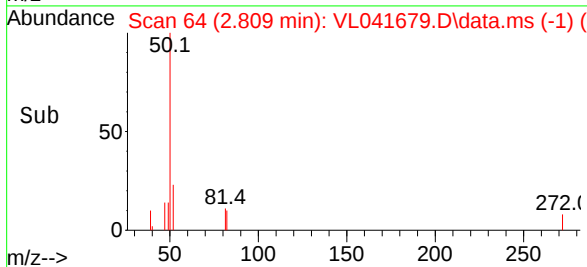
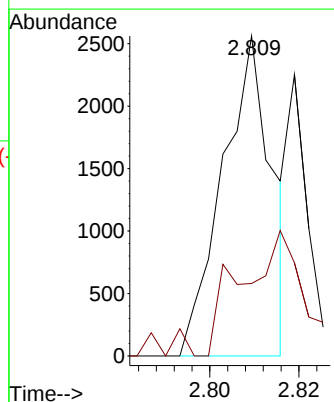
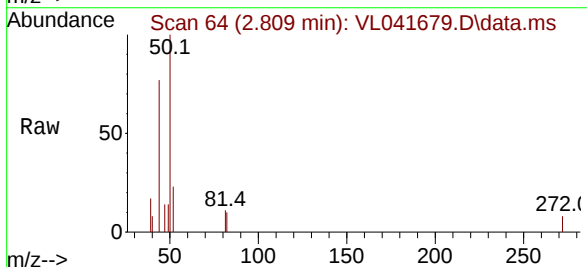
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

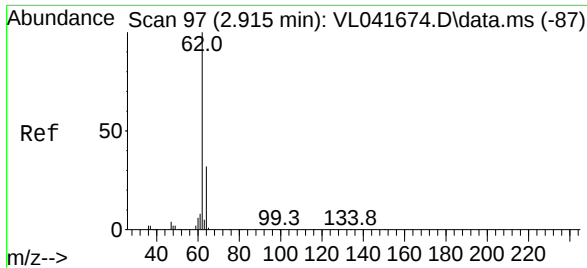
Tgt Ion: 51 Resp: 4231
Ion Ratio Lower Upper
51 100
67 27.2 13.9 20.9#



#4
Chloromethane
Concen: 0.026 ppbv
RT: 2.809 min Scan# 64
Delta R.T. 0.000 min
Lab File: VL041679.D
Acq: 7 Nov 2024 13:31

Tgt Ion: 50 Resp: 1954
Ion Ratio Lower Upper
50 100
52 14.1 24.9 37.3#

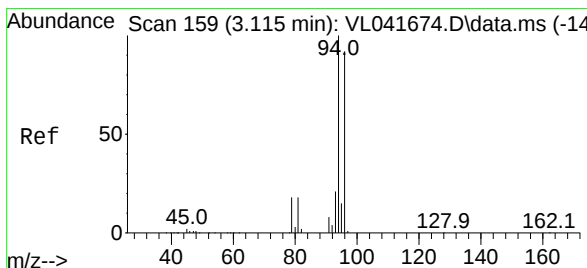
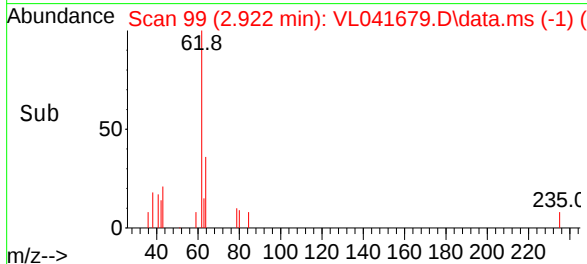
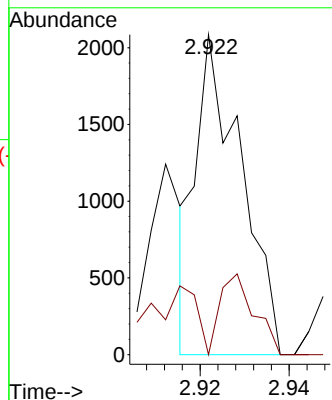
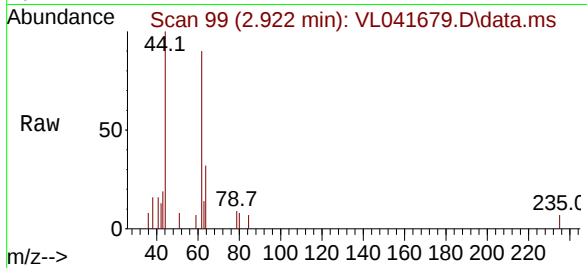




#5
 Vinyl Chloride
 Concen: 0.021 ppbv
 RT: 2.922 min Scan# 99
 Delta R.T. 0.007 min
 Lab File: VL041679.D
 Acq: 7 Nov 2024 13:31

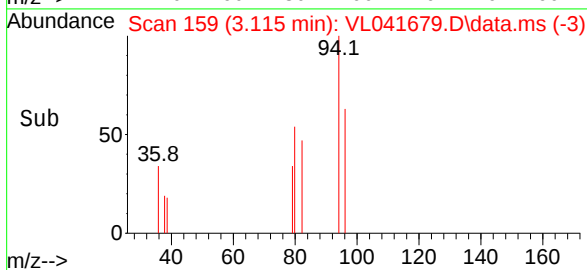
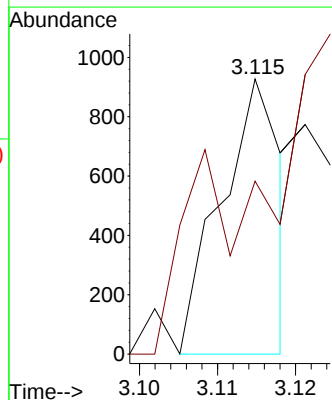
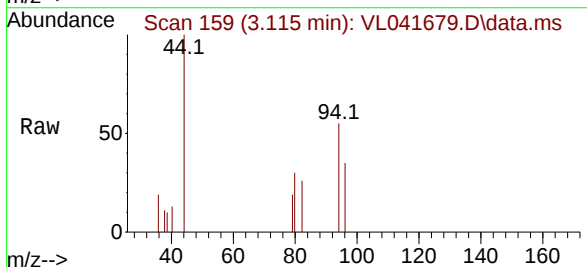
Instrument :
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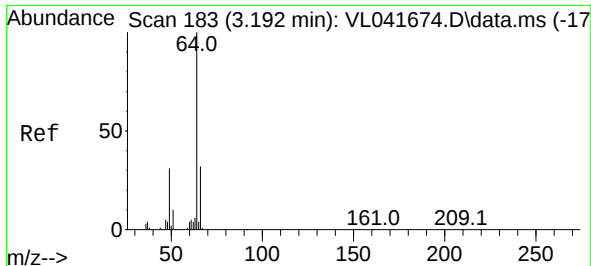
Tgt Ion: 62 Resp: 1458
 Ion Ratio Lower Upper
 62 100
 64 0.0 25.4 38.2#



#6
 Bromomethane
 Concen: 0.014 ppbv
 RT: 3.115 min Scan# 159
 Delta R.T. 0.000 min
 Lab File: VL041679.D
 Acq: 7 Nov 2024 13:31

Tgt Ion: 94 Resp: 500
 Ion Ratio Lower Upper
 94 100
 96 16.0 73.4 110.2#

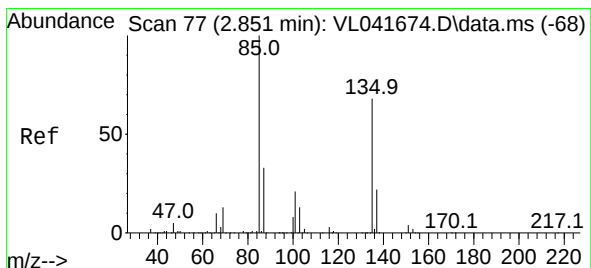
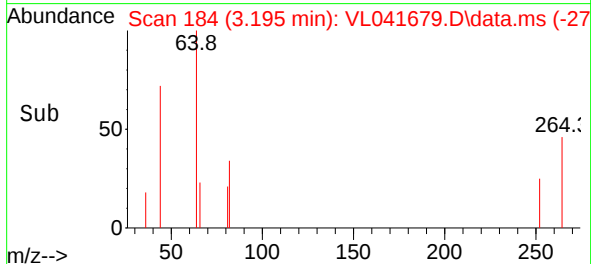
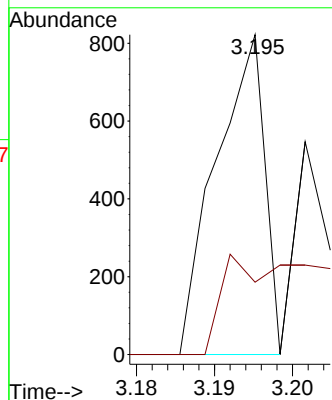
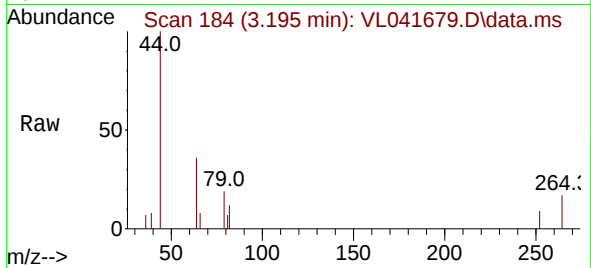




#7
Chloroethane
Concen: 0.014 ppbv
RT: 3.195 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL041679.D
Acq: 7 Nov 2024 13:31

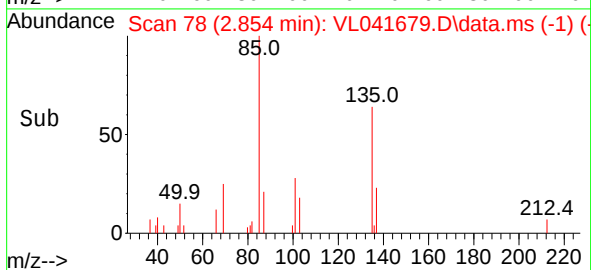
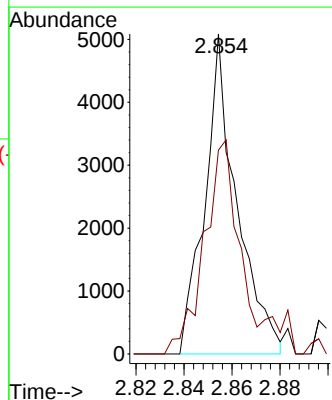
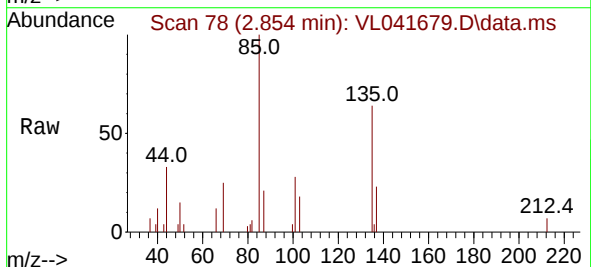
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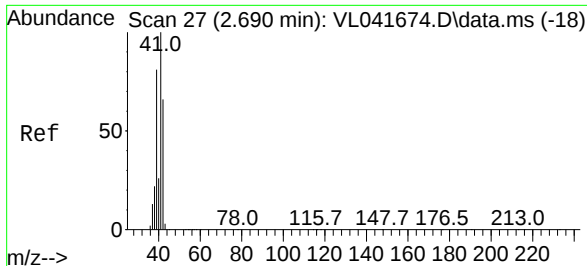
Tgt Ion: 64 Resp: 355
Ion Ratio Lower Upper
64 100
66 22.6 25.9 38.9#



#8
Dichlorotetrafluoroethane
Concen: 0.027 ppbv
RT: 2.854 min Scan# 78
Delta R.T. 0.003 min
Lab File: VL041679.D
Acq: 7 Nov 2024 13:31

Tgt Ion: 85 Resp: 4693
Ion Ratio Lower Upper
85 100
135 81.8 55.5 83.3

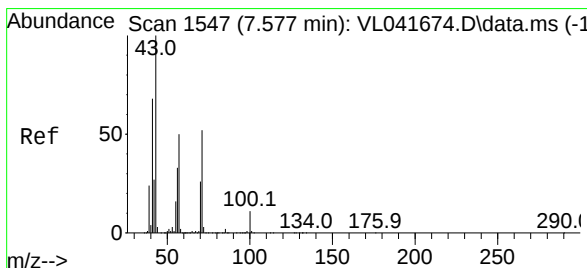
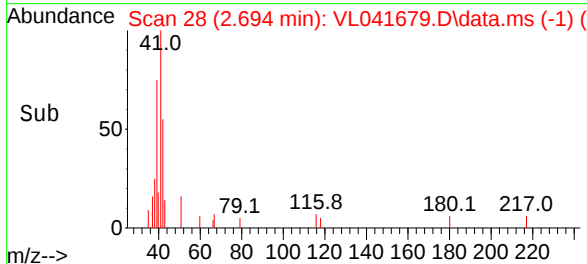
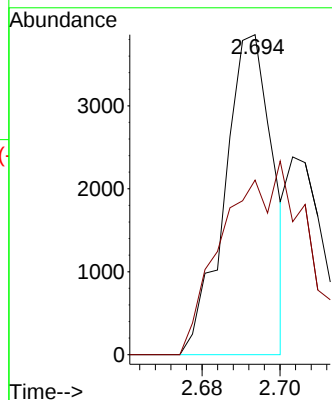
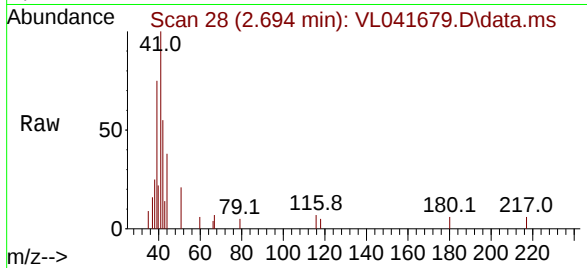




#9
Propene
Concen: 0.054 ppbv
RT: 2.694 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL041679.D
Acq: 7 Nov 2024 13:31

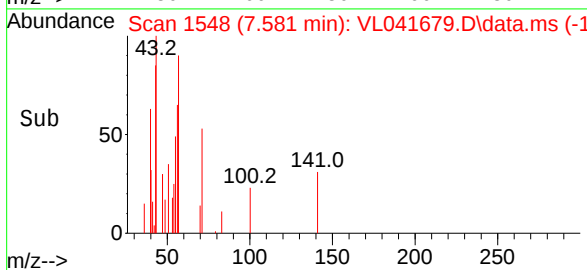
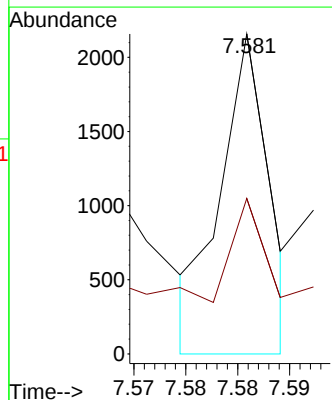
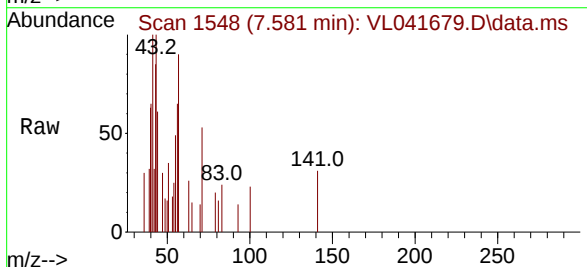
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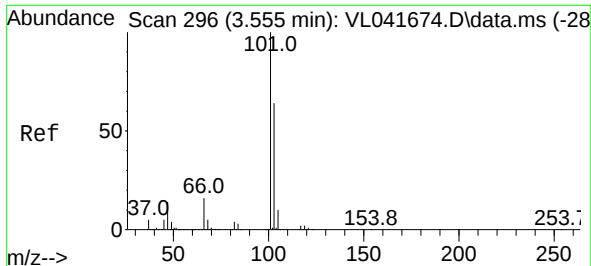
Tgt Ion: 41 Resp: 3311
Ion Ratio Lower Upper
41 100
42 0.0 55.0 82.4#



#10
Heptane
Concen: 0.005 ppbv
RT: 7.581 min Scan# 1548
Delta R.T. 0.003 min
Lab File: VL041679.D
Acq: 7 Nov 2024 13:31

Tgt Ion: 43 Resp: 701
Ion Ratio Lower Upper
43 100
57 197.6 40.0 60.0#





#11

Trichlorofluoromethane

Concen: 0.028 ppbv

RT: 3.555 min Scan# 296

Delta R.T. 0.000 min

Lab File: VL041679.D

Acq: 7 Nov 2024 13:31

Instrument :

MSVOA_L

ClientSampleId :

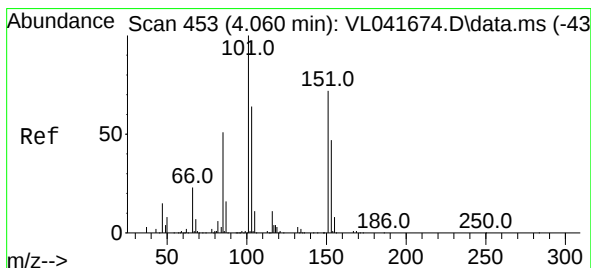
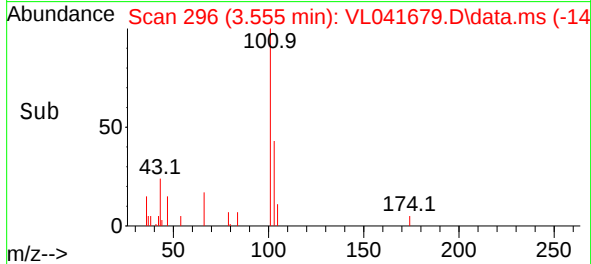
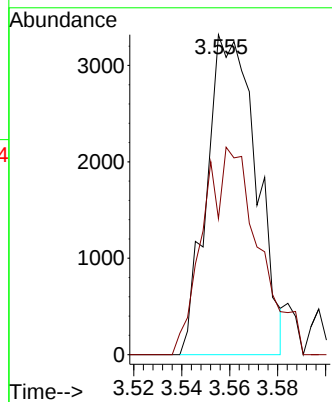
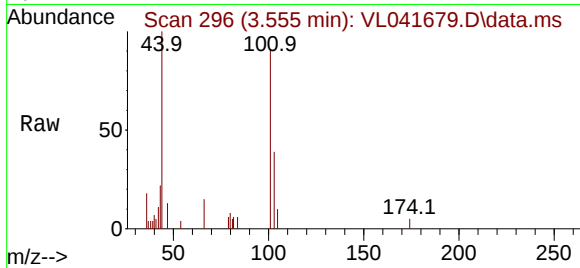
VSTDICC0.03

Tgt Ion:101 Resp: 4735

Ion Ratio Lower Upper

101 100

103 35.8 51.0 76.6#



#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.025 ppbv

RT: 4.060 min Scan# 453

Delta R.T. 0.000 min

Lab File: VL041679.D

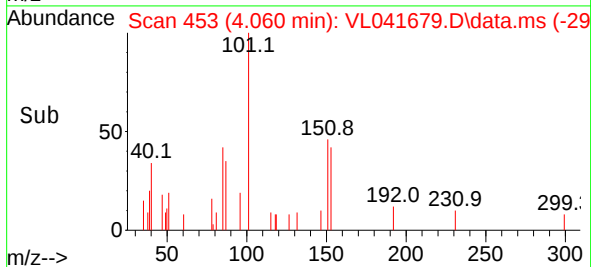
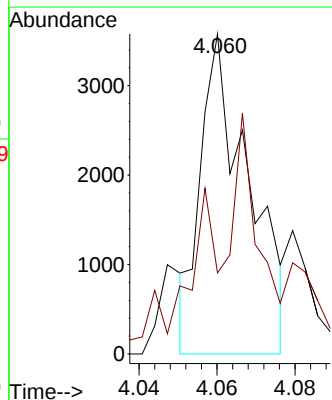
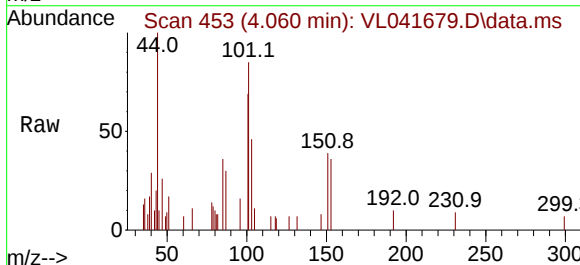
Acq: 7 Nov 2024 13:31

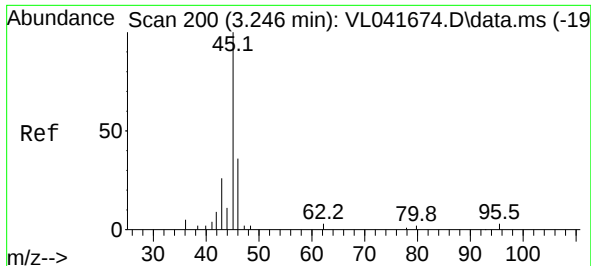
Tgt Ion:101 Resp: 3059

Ion Ratio Lower Upper

101 100

151 95.3 59.1 88.7#





#13

Ethanol

Concen: 0.050 ppbv

RT: 3.263 min Scan# 20

Delta R.T. 0.016 min

Lab File: VL041679.D

Acq: 7 Nov 2024 13:31

Instrument :

MSVOA_L

ClientSampleId :

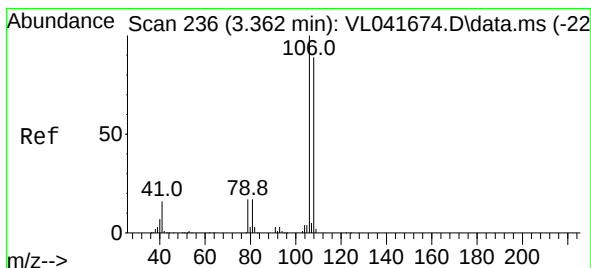
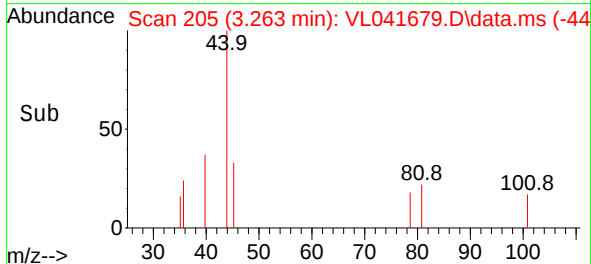
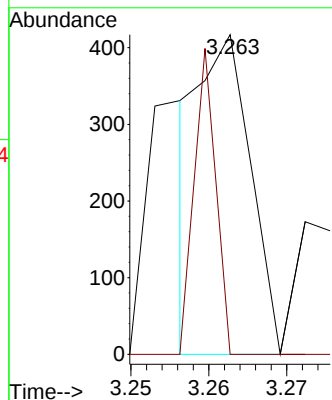
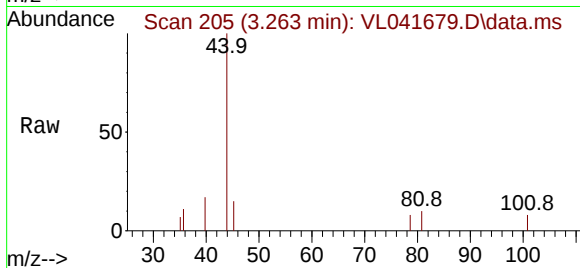
VSTDIC0.03

Tgt Ion: 45 Resp: 191

Ion Ratio Lower Upper

45 100

46 40.3 13.8 55.2



#14

Bromoethene

Concen: 0.015 ppbv

RT: 3.366 min Scan# 237

Delta R.T. 0.003 min

Lab File: VL041679.D

Acq: 7 Nov 2024 13:31

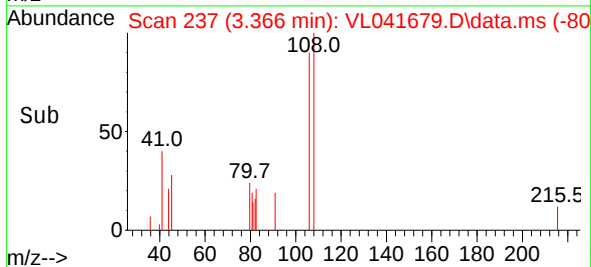
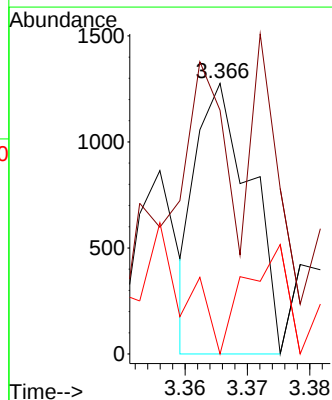
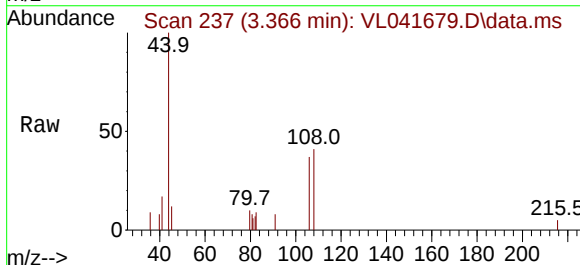
Tgt Ion:108 Resp: 767

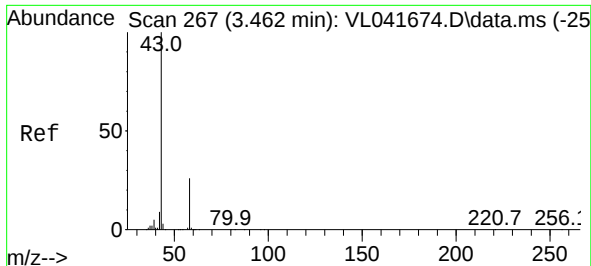
Ion Ratio Lower Upper

108 100

106 0.0 88.6 133.0#

79 0.0 15.6 23.4#





#15

Acetone

Concen: 0.002 ppbv

RT: 3.462 min Scan# 2

Delta R.T. 0.000 min

Lab File: VL041679.D

Acq: 7 Nov 2024 13:31

Instrument :

MSVOA_L

ClientSampleId :

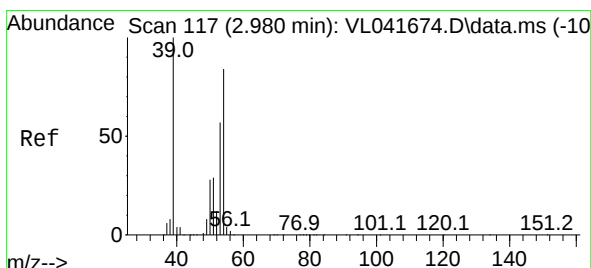
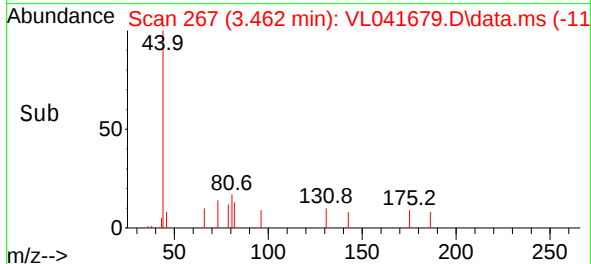
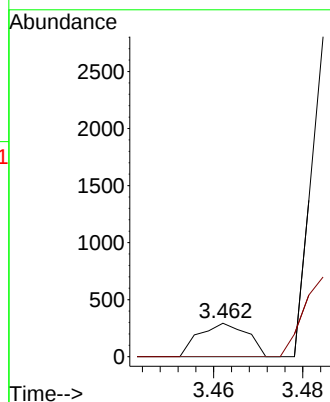
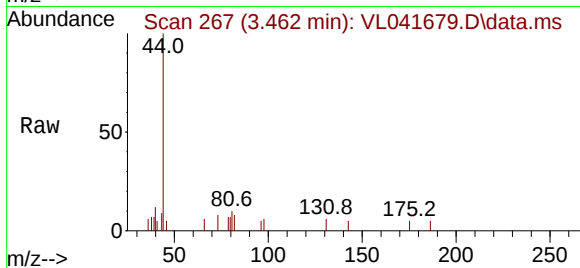
VSTDICC0.03

Tgt Ion: 43 Resp: 221

Ion Ratio Lower Upper

43 100

58 0.0 21.4 32.0#



#16

1,3-Butadiene

Concen: 0.024 ppbv

RT: 2.980 min Scan# 117

Delta R.T. 0.000 min

Lab File: VL041679.D

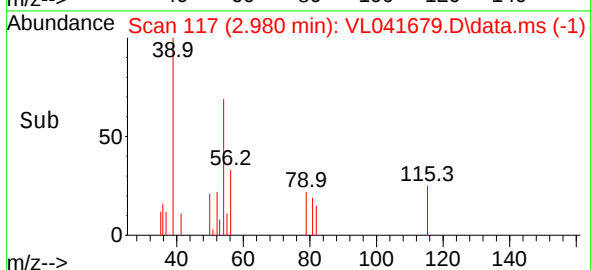
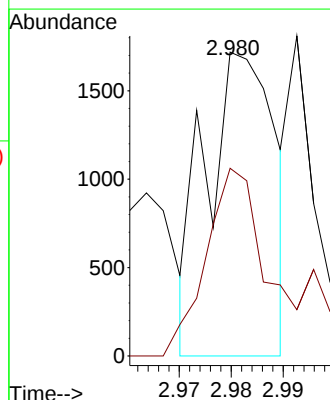
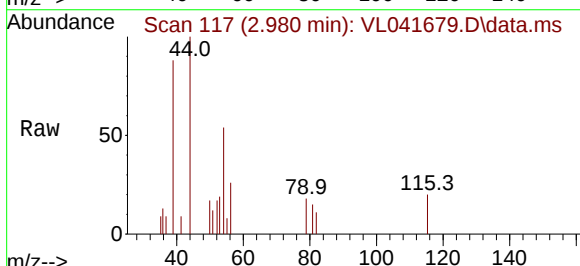
Acq: 7 Nov 2024 13:31

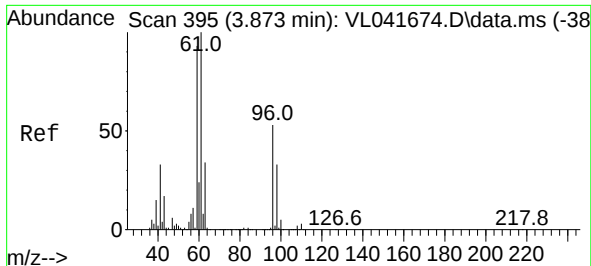
Tgt Ion: 39 Resp: 1582

Ion Ratio Lower Upper

39 100

54 70.1 61.3 91.9

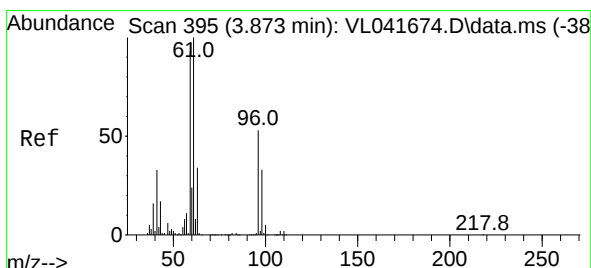
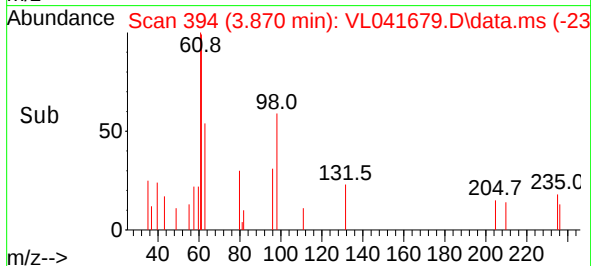
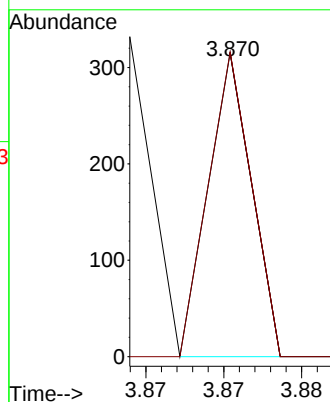
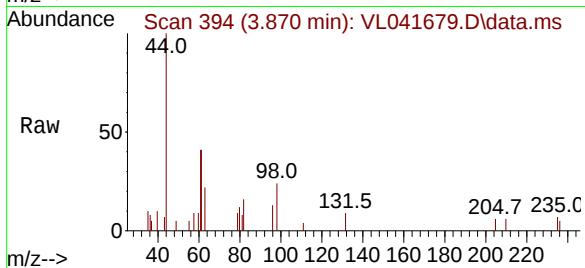




#17
tert-Butyl alcohol
Concen: 0.001 ppbv
RT: 3.870 min Scan# 395
Delta R.T. -0.003 min
Lab File: VL041679.D
Acq: 7 Nov 2024 13:31

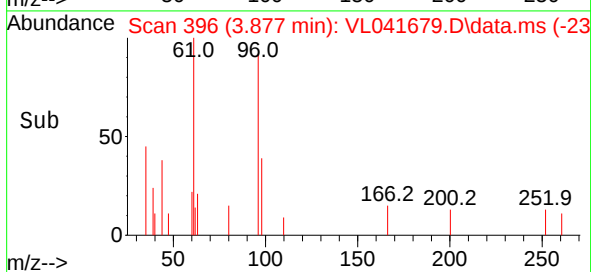
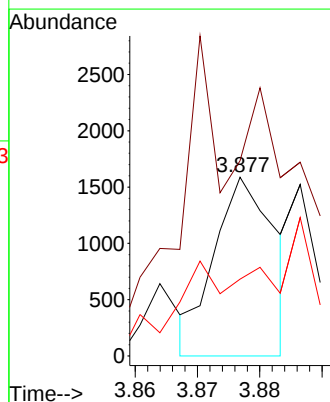
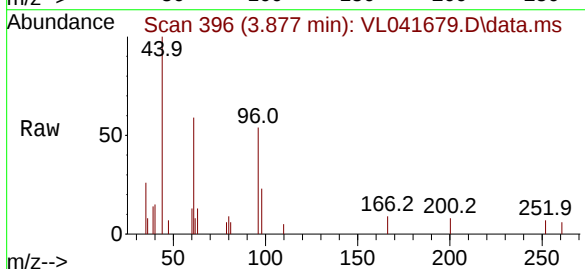
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

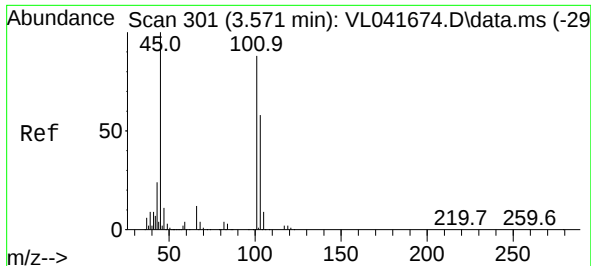
Tgt Ion: 59 Resp: 61
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



#18
1,1-Dichloroethene
Concen: 0.020 ppbv
RT: 3.877 min Scan# 396
Delta R.T. 0.003 min
Lab File: VL041679.D
Acq: 7 Nov 2024 13:31

Tgt Ion: 96 Resp: 1065
Ion Ratio Lower Upper
96 100
61 84.3 150.7 226.1#
98 16.7 49.4 74.2#





#19

Isopropyl Alcohol

Concen: 0.002 ppbv

RT: 3.578 min Scan# 301

Delta R.T. 0.007 min

Lab File: VL041679.D

Acq: 7 Nov 2024 13:31

Instrument :

MSVOA_L

ClientSampleId :

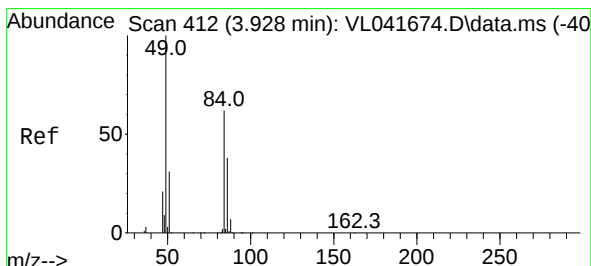
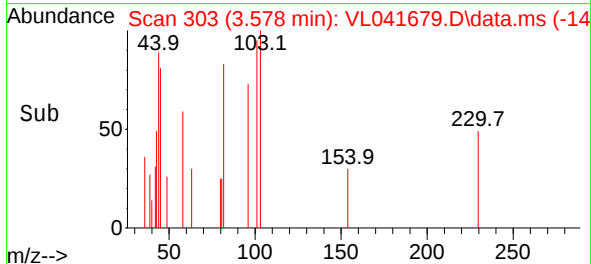
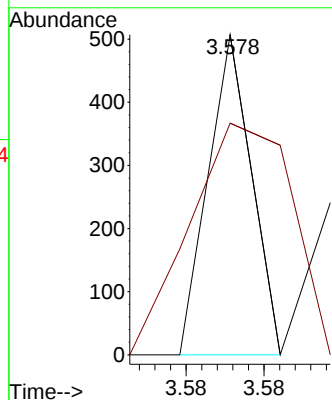
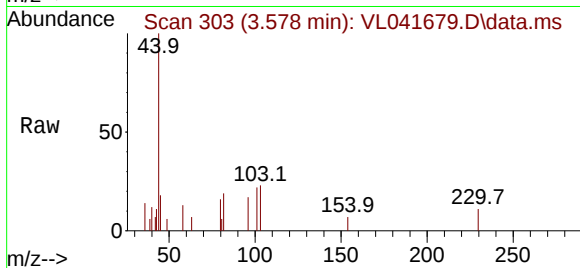
VSTDIC0.03

Tgt Ion: 45 Resp: 98

Ion Ratio Lower Upper

45 100

58 0.0 2.5 3.7#



#20

Methylene Chloride

Concen: 0.162 ppbv

RT: 3.932 min Scan# 413

Delta R.T. 0.003 min

Lab File: VL041679.D

Acq: 7 Nov 2024 13:31

Tgt Ion: 84 Resp: 7989

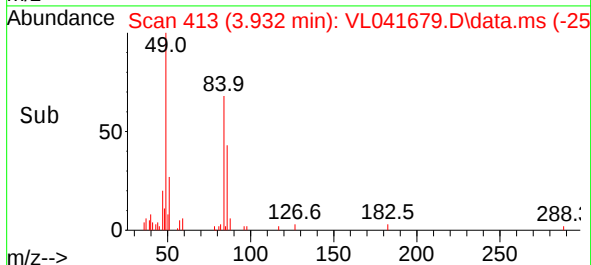
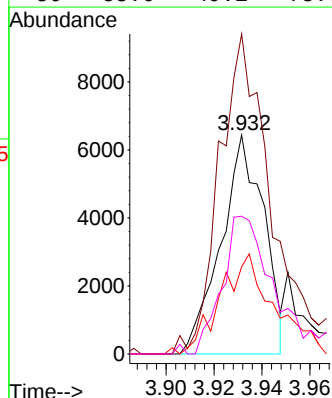
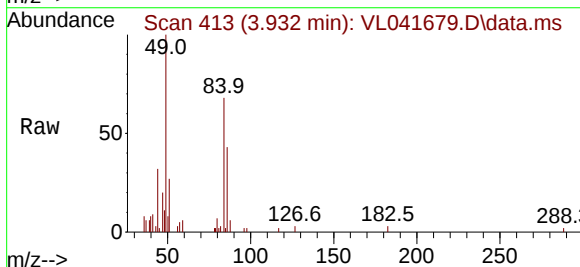
Ion Ratio Lower Upper

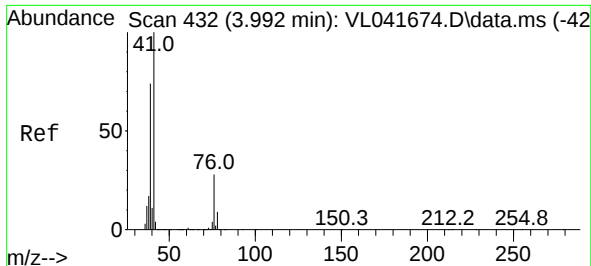
84 100

49 137.8 129.7 194.5

51 39.8 39.8 59.6

86 58.6 49.1 73.7





#21

Allyl Chloride

Concen: 0.014 ppbv

RT: 3.996 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL041679.D

Acq: 7 Nov 2024 13:31

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.03

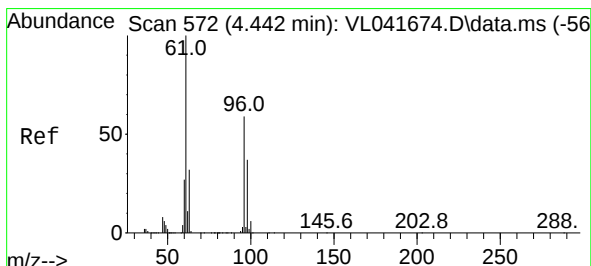
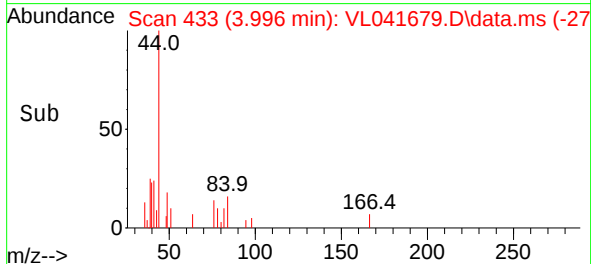
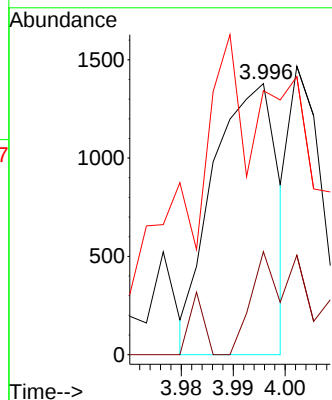
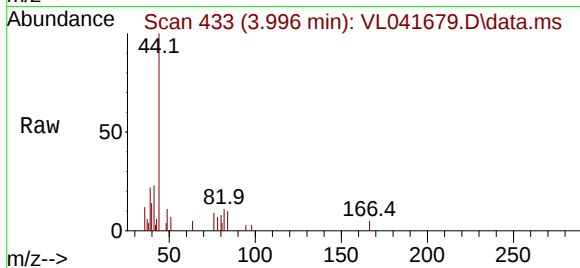
Tgt Ion: 41 Resp: 1190

Ion Ratio Lower Upper

41 100

76 36.8 23.5 35.3#

39 258.9 63.0 94.4#



#22

trans-1,2-Dichloroethene

Concen: 0.010 ppbv

RT: 4.449 min Scan# 574

Delta R.T. 0.007 min

Lab File: VL041679.D

Acq: 7 Nov 2024 13:31

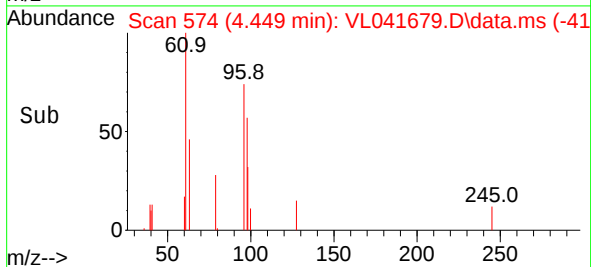
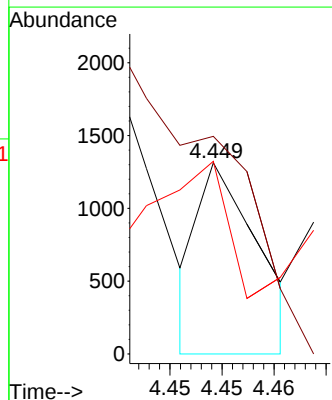
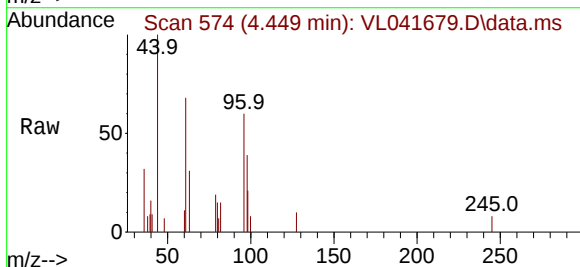
Tgt Ion: 96 Resp: 520

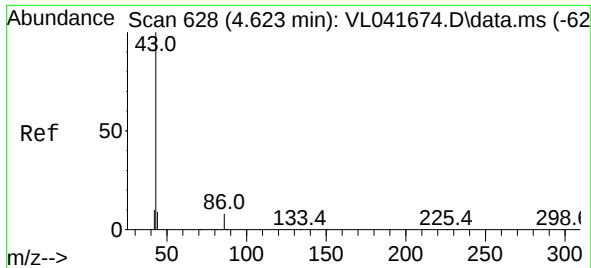
Ion Ratio Lower Upper

96 100

61 127.4 134.5 201.7#

98 97.3 49.6 74.4#



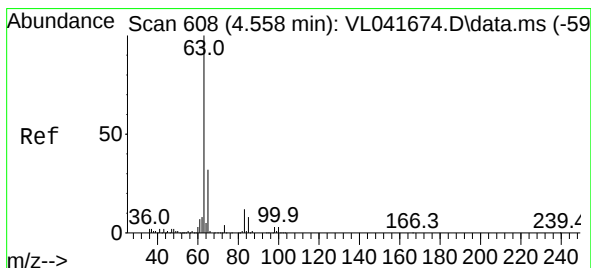
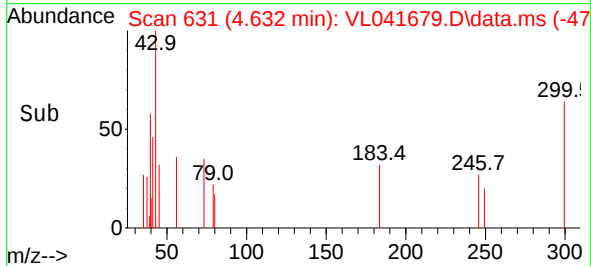
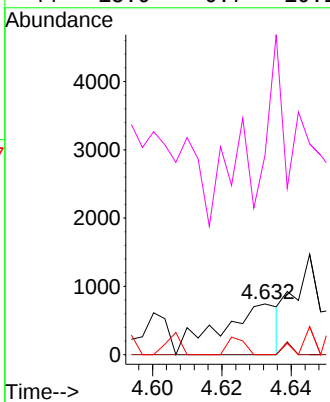
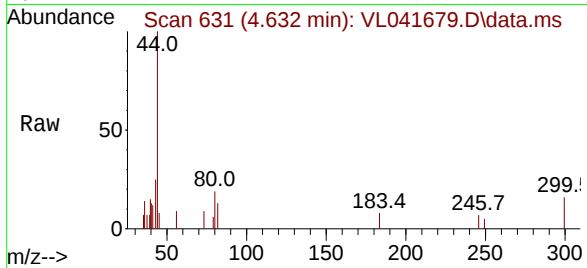


#23
Vinyl Acetate
Concen: 0.014 ppbv
RT: 4.632 min Scan# 61
Delta R.T. 0.010 min
Lab File: VL041679.D
Acq: 7 Nov 2024 13:31

Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.03

Tgt Ion: 43 Resp: 855

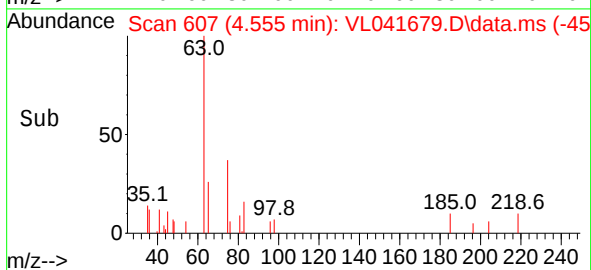
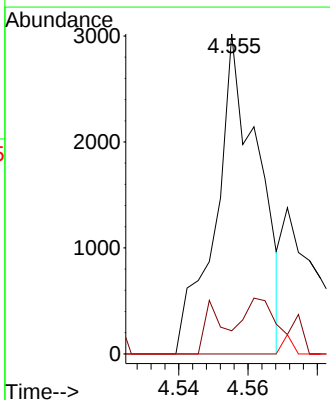
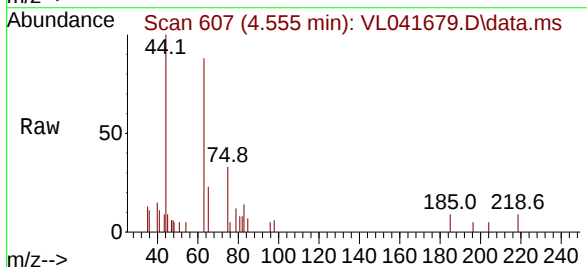
Ion	Ratio	Lower	Upper
43	100		
86	0.0	5.3	7.9#
42	0.0	8.5	12.7#
44	13.9	6.7	10.1#

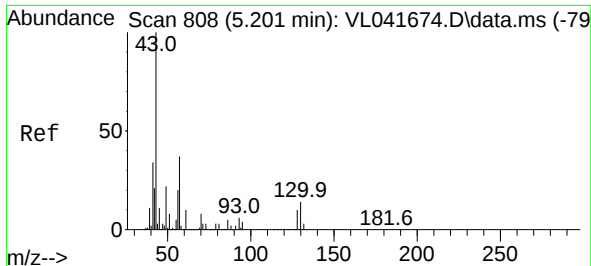


#24
1,1-Dichloroethane
Concen: 0.021 ppbv
RT: 4.555 min Scan# 607
Delta R.T. -0.003 min
Lab File: VL041679.D
Acq: 7 Nov 2024 13:31

Tgt Ion: 63 Resp: 2589

Ion	Ratio	Lower	Upper
63	100		
98	7.3	1.8	5.4#
100	0.0	1.4	4.2#





#25

Ethyl Acetate

Concen: 0.006 ppbv

RT: 5.202 min Scan# 808

Delta R.T. 0.000 min

Lab File: VL041679.D

Acq: 7 Nov 2024 13:31

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.03

Tgt Ion: 43 Resp: 1588

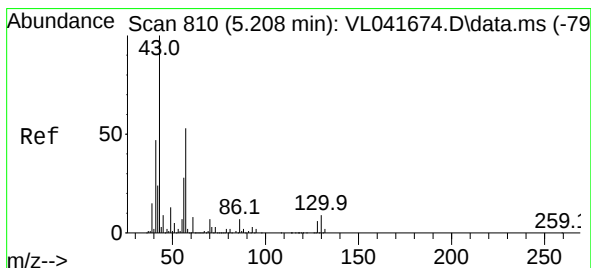
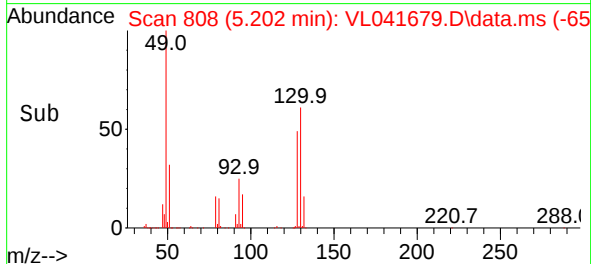
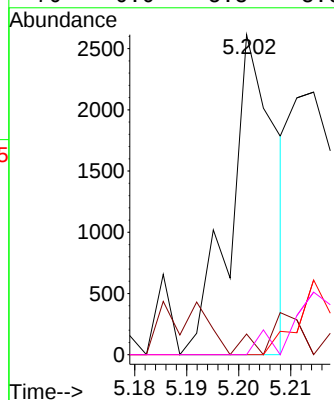
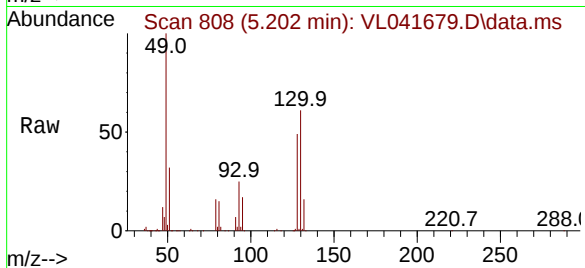
Ion Ratio Lower Upper

43 100

45 0.0 8.6 13.0#

61 0.0 8.4 12.6#

70 0.0 5.8 8.6#



#26

Hexane

Concen: 0.007 ppbv

RT: 5.218 min Scan# 813

Delta R.T. 0.010 min

Lab File: VL041679.D

Acq: 7 Nov 2024 13:31

Tgt Ion: 57 Resp: 745

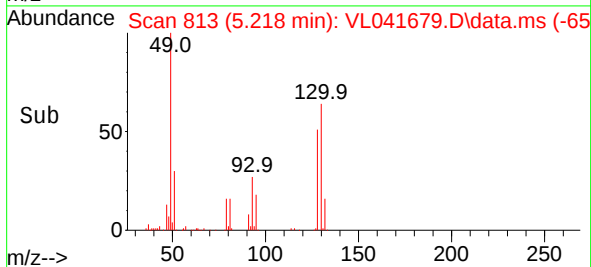
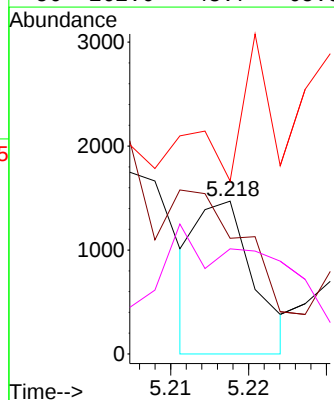
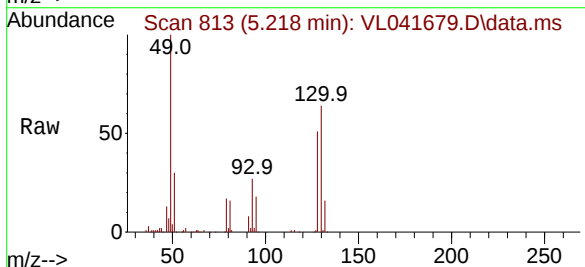
Ion Ratio Lower Upper

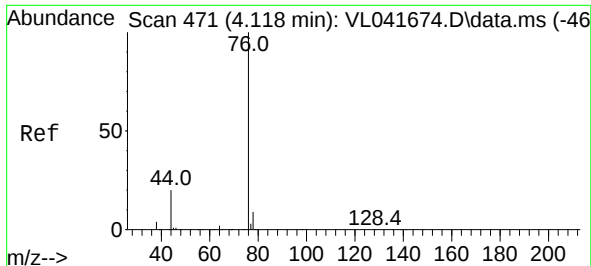
57 100

41 0.0 76.1 114.1#

43 958.1 207.0 310.6#

56 262.0 43.7 65.5#





#27

Carbon Disulfide

Concen: 0.015 ppbv

RT: 4.124 min Scan# 41

Delta R.T. 0.007 min

Lab File: VL041679.D

Acq: 7 Nov 2024 13:31

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.03

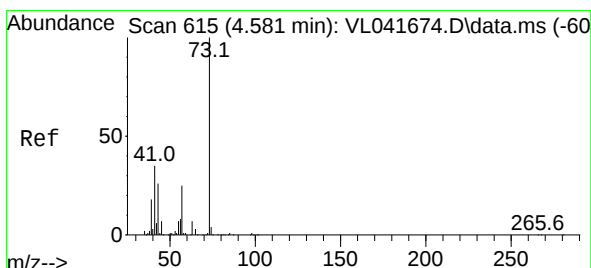
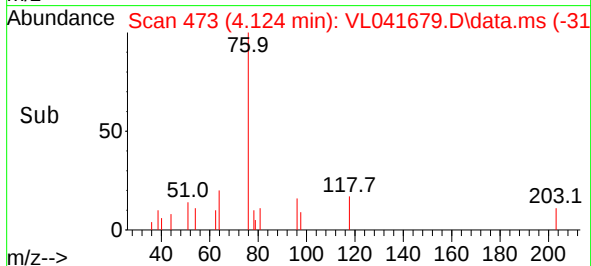
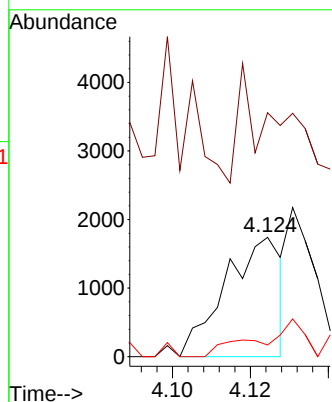
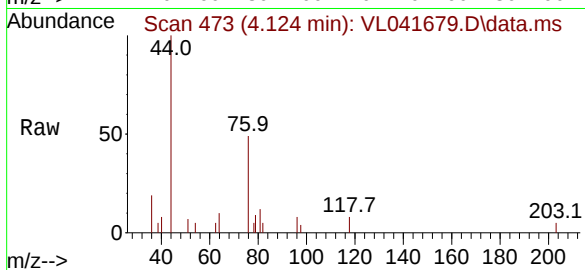
Tgt Ion: 76 Resp: 1735

Ion Ratio Lower Upper

76 100

44 273.2 15.8 23.8#

78 0.0 7.5 11.3#



#28

Methyl tert-Butyl Ether

Concen: 0.011 ppbv

RT: 4.613 min Scan# 625

Delta R.T. 0.032 min

Lab File: VL041679.D

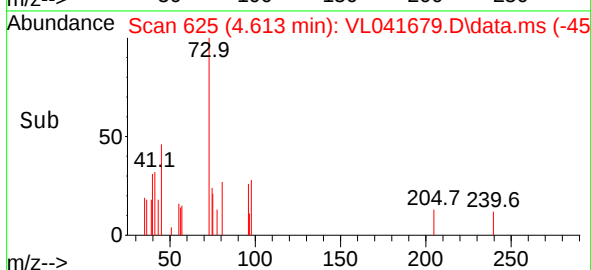
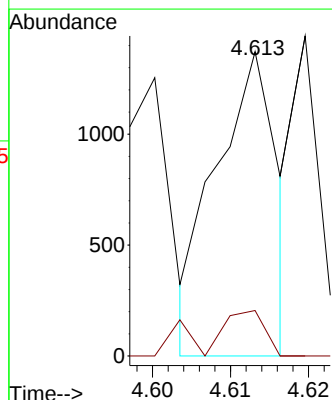
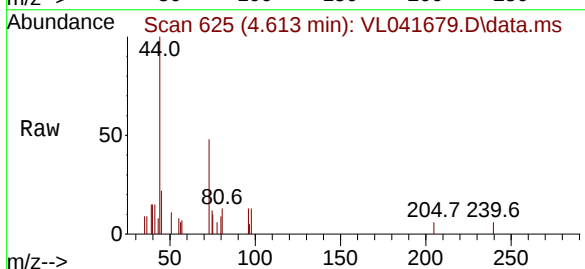
Acq: 7 Nov 2024 13:31

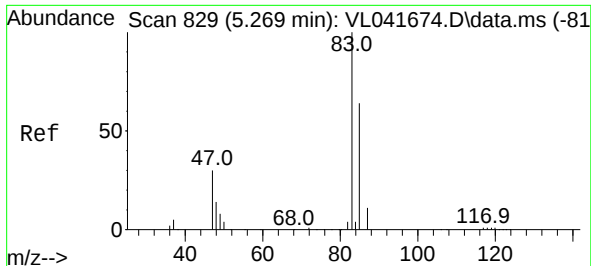
Tgt Ion: 73 Resp: 754

Ion Ratio Lower Upper

73 100

57 22.5 19.6 29.4





#29

Chloroform

Concen: 0.002 ppbv

RT: 5.292 min Scan# 84

Delta R.T. 0.023 min

Lab File: VL041679.D

Acq: 7 Nov 2024 13:31

Instrument :

MSVOA_L

ClientSampleId :

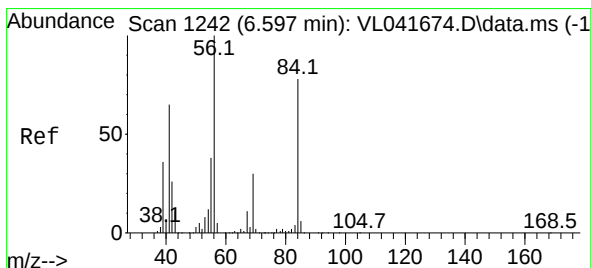
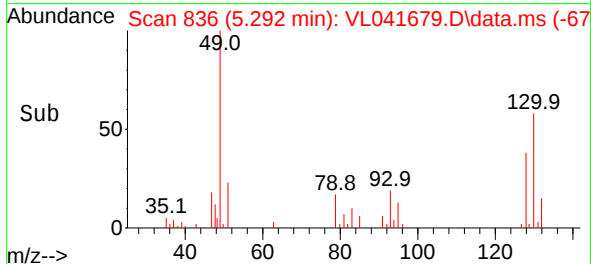
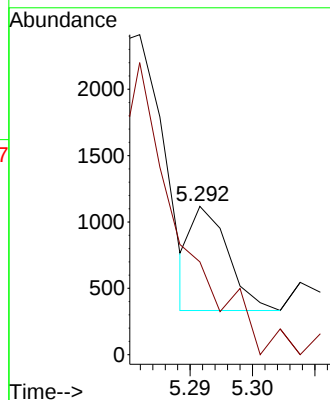
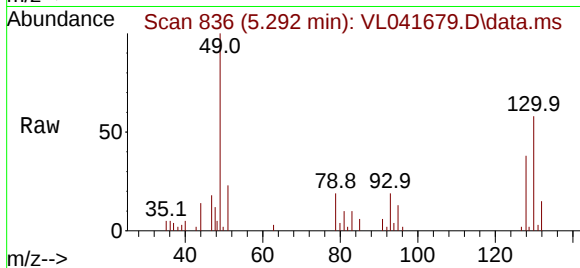
VSTDICC0.03

Tgt Ion: 83 Resp: 318

Ion Ratio Lower Upper

83 100

85 64.3 51.1 76.7



#30

Cyclohexane

Concen: 0.008 ppbv

RT: 6.603 min Scan# 1244

Delta R.T. 0.007 min

Lab File: VL041679.D

Acq: 7 Nov 2024 13:31

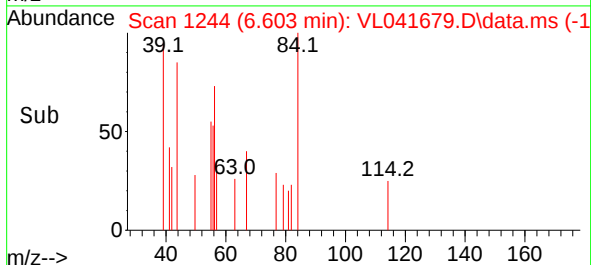
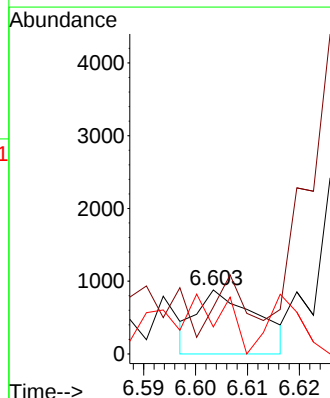
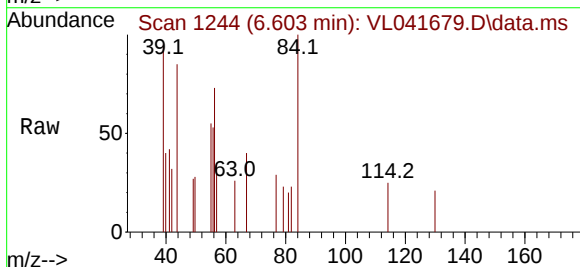
Tgt Ion: 84 Resp: 702

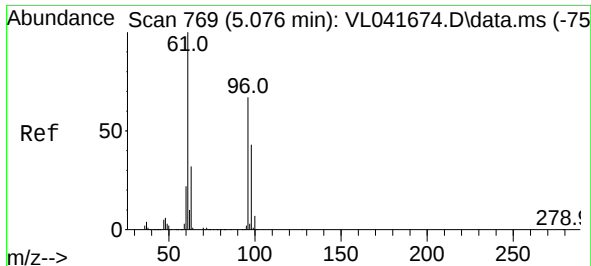
Ion Ratio Lower Upper

84 100

56 0.0 110.8 166.2#

41 180.5 70.0 105.0#





#31

cis-1,2-Dichloroethene

Concen: 0.004 ppbv

RT: 5.086 min Scan# 71

Delta R.T. 0.010 min

Lab File: VL041679.D

Acq: 7 Nov 2024 13:31

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.03

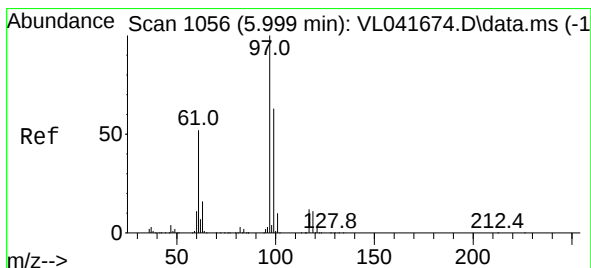
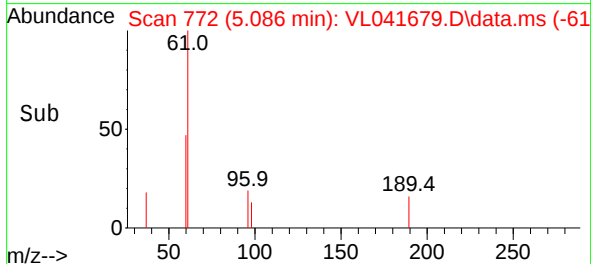
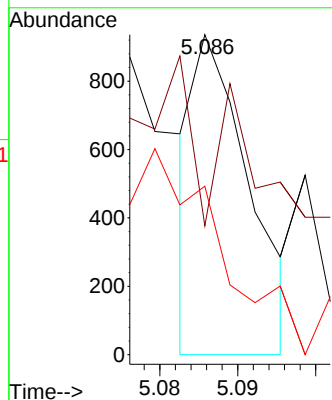
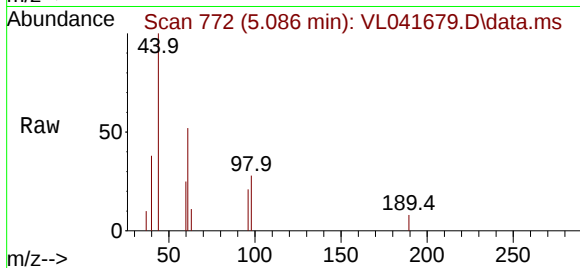
Tgt Ion: 61 Resp: 458

Ion Ratio Lower Upper

61 100

96 0.0 53.4 80.2#

98 44.9 34.0 51.0



#32

1,1,1-Trichloroethane

Concen: 0.009 ppbv

RT: 6.005 min Scan# 1058

Delta R.T. 0.007 min

Lab File: VL041679.D

Acq: 7 Nov 2024 13:31

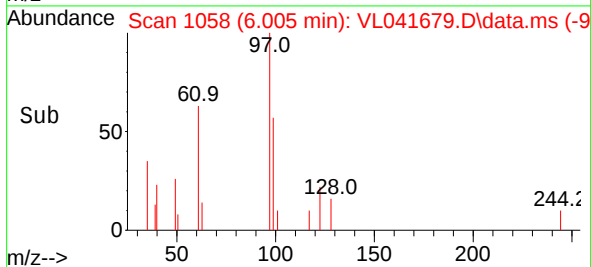
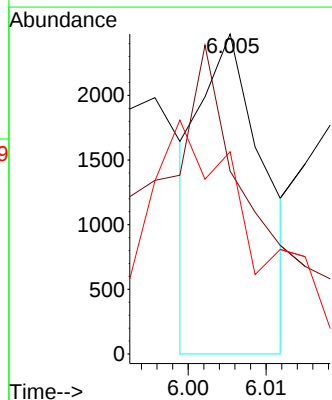
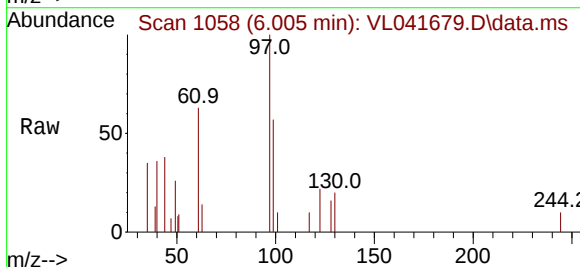
Tgt Ion: 97 Resp: 1403

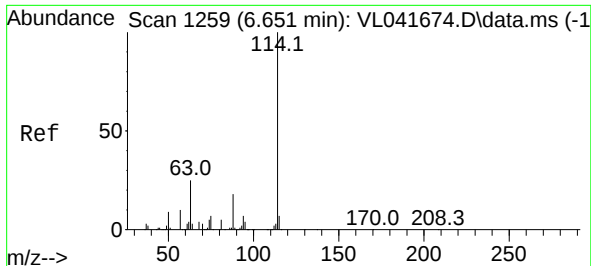
Ion Ratio Lower Upper

97 100

99 234.5 51.4 77.2#

61 176.7 41.7 62.5#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.652 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL041679.D

Acq: 7 Nov 2024 13:31

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.03

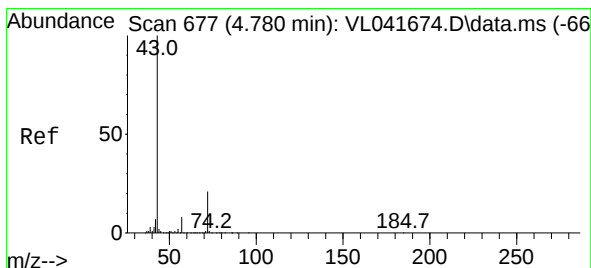
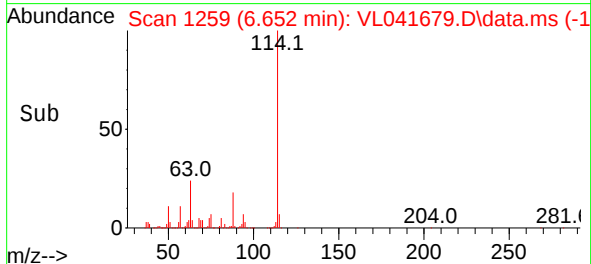
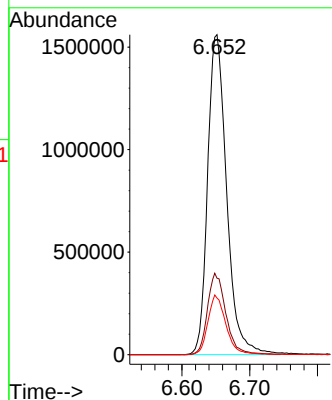
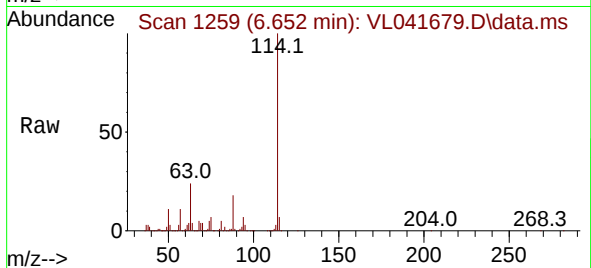
Tgt Ion:114 Resp: 3041887

Ion Ratio Lower Upper

114 100

63 24.9 20.3 30.5

88 17.8 14.2 21.4



#34

2-Butanone

Concen: 0.001 ppbv

RT: 4.755 min Scan# 669

Delta R.T. -0.025 min

Lab File: VL041679.D

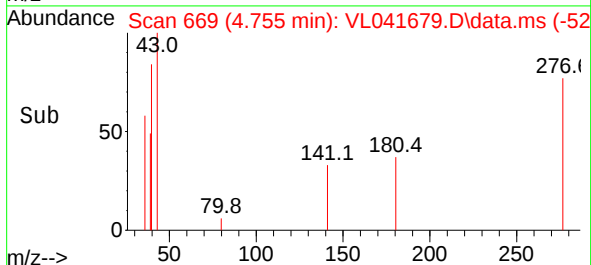
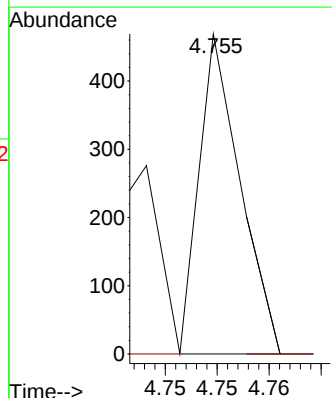
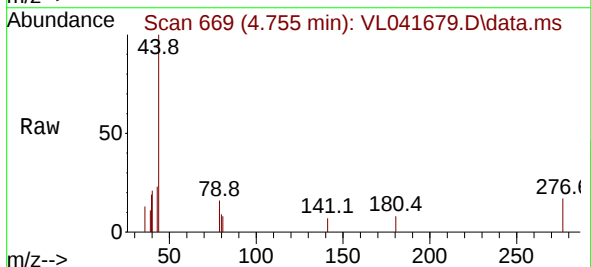
Acq: 7 Nov 2024 13:31

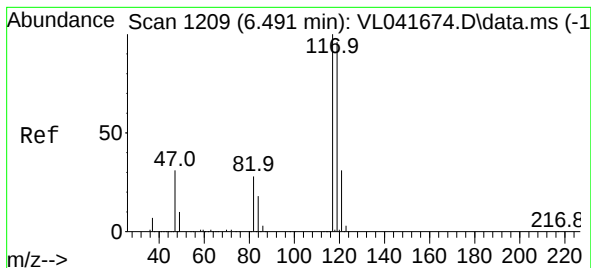
Tgt Ion: 43 Resp: 129

Ion Ratio Lower Upper

43 100

72 0.0 17.4 26.0#





#35

Carbon Tetrachloride

Concen: 0.012 ppbv

RT: 6.491 min Scan# 1170

Delta R.T. 0.000 min

Lab File: VL041679.D

Acq: 7 Nov 2024 13:31

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.03

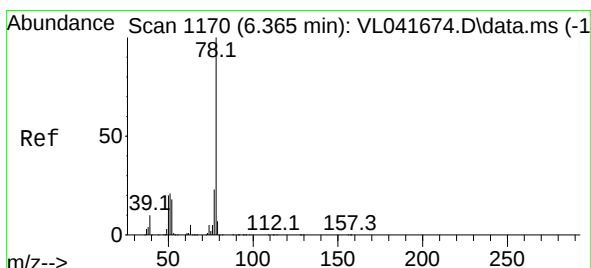
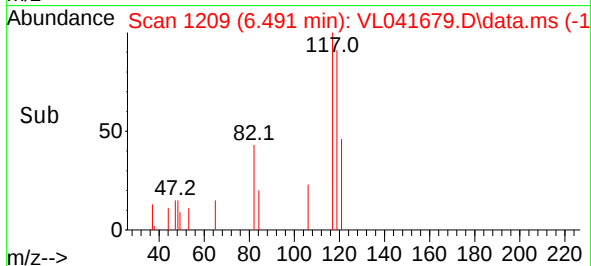
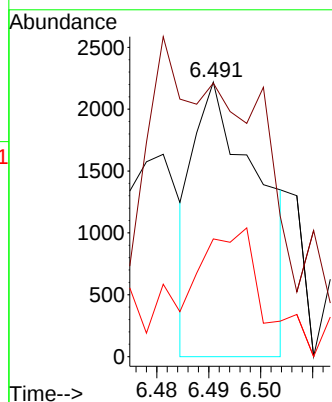
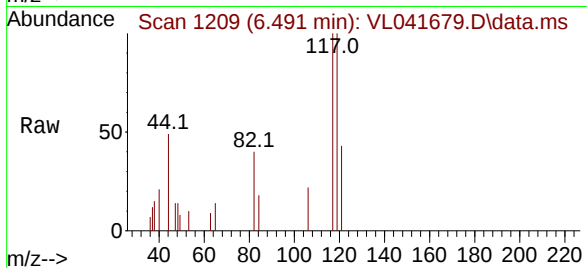
Tgt Ion:117 Resp: 1934

Ion Ratio Lower Upper

117 100

119 110.3 77.2 115.8

121 68.3 25.0 37.4#



#36

Benzene

Concen: 0.009 ppbv

RT: 6.372 min Scan# 1172

Delta R.T. 0.007 min

Lab File: VL041679.D

Acq: 7 Nov 2024 13:31

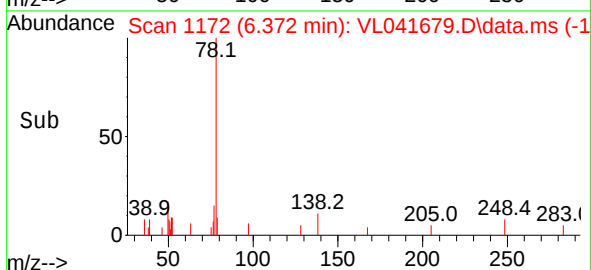
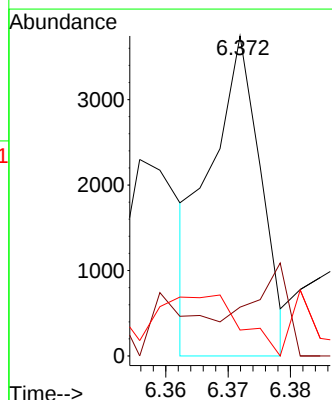
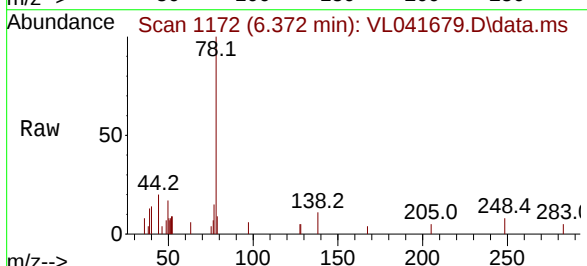
Tgt Ion: 78 Resp: 2104

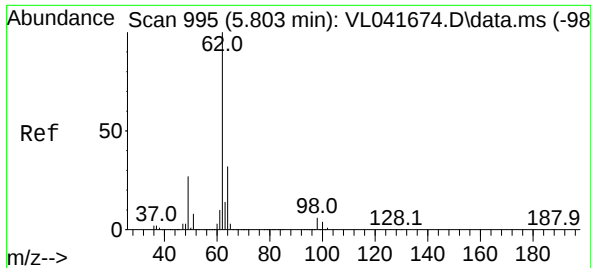
Ion Ratio Lower Upper

78 100

77 0.0 18.5 27.7#

50 8.6 15.6 23.4#

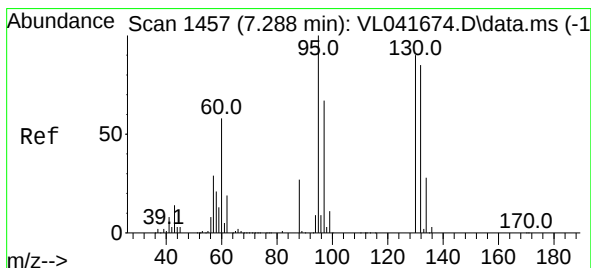
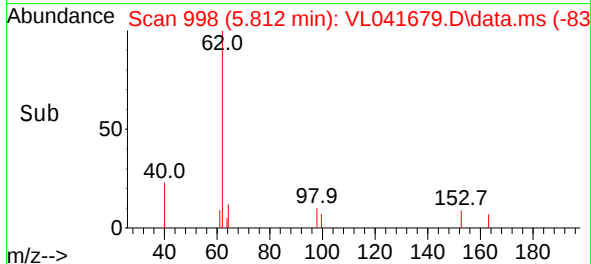
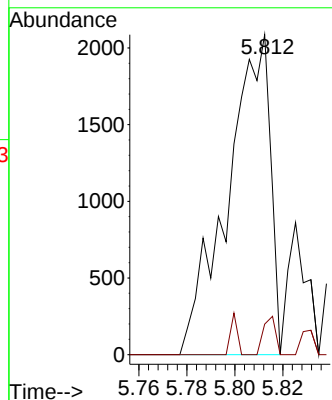
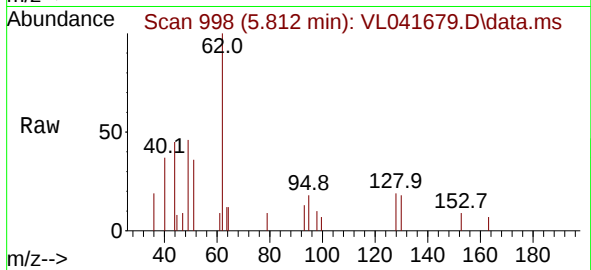




#37
1,2-Dichloroethane
Concen: 0.020 ppbv
RT: 5.812 min Scan# 995
Delta R.T. 0.010 min
Lab File: VL041679.D
Acq: 7 Nov 2024 13:31

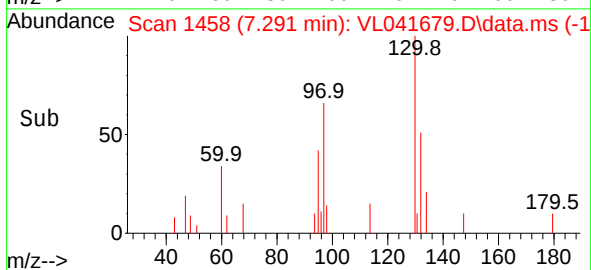
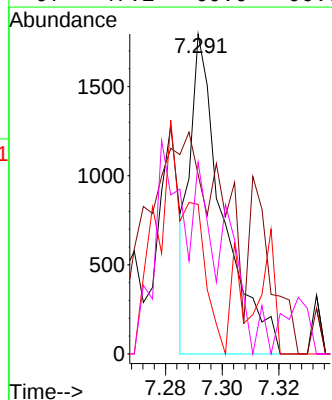
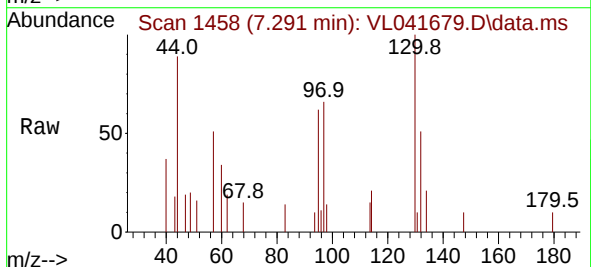
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

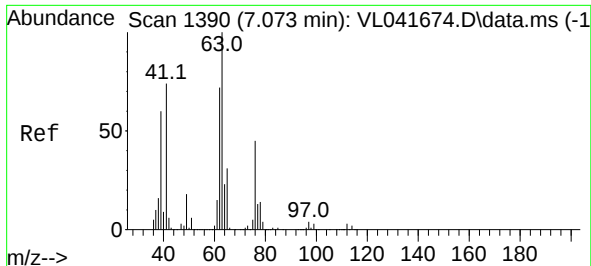
Tgt Ion: 62 Resp: 2581
Ion Ratio Lower Upper
62 100
98 7.7 5.2 7.8



#38
Trichloroethene
Concen: 0.017 ppbv
RT: 7.291 min Scan# 1458
Delta R.T. 0.003 min
Lab File: VL041679.D
Acq: 7 Nov 2024 13:31

Tgt Ion:130 Resp: 1440
Ion Ratio Lower Upper
130 100
95 38.0 89.1 133.7#
132 46.7 75.7 113.5#
97 47.2 60.0 90.0#





#39

1,2-Dichloropropane

Concen: 8.427 ppbv

RT: 6.648 min Scan# 11

Delta R.T. -0.424 min

Lab File: VL041679.D

Acq: 7 Nov 2024 13:31

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.03

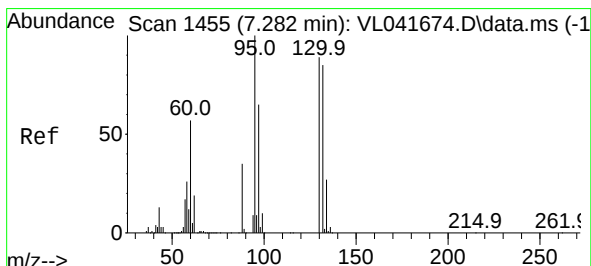
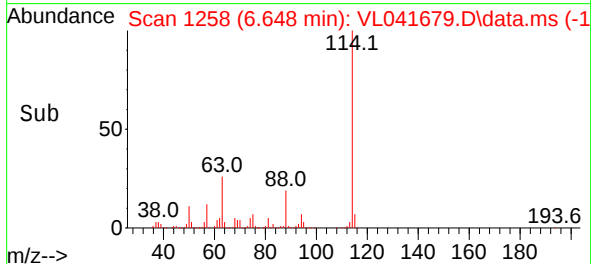
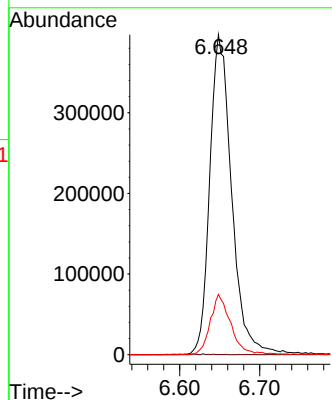
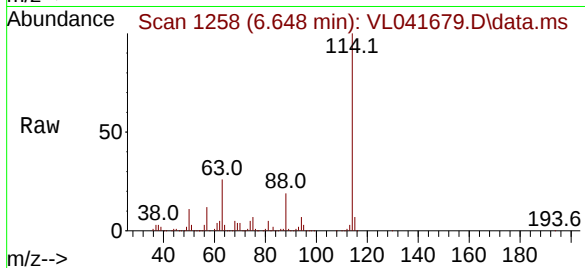
Tgt Ion: 63 Resp: 750579

Ion Ratio Lower Upper

63 100

41 0.1 59.1 88.7#

62 18.8 57.7 86.5#



#40

1,4-Dioxane

Concen: 0.001 ppbv

RT: 7.272 min Scan# 1452

Delta R.T. -0.009 min

Lab File: VL041679.D

Acq: 7 Nov 2024 13:31

Tgt Ion: 88 Resp: 41

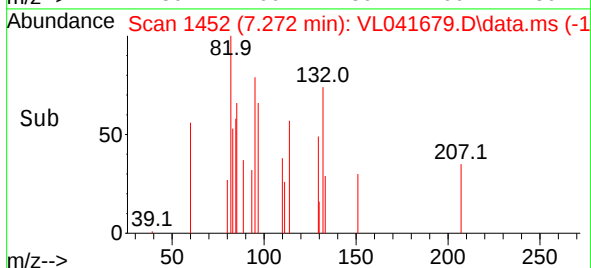
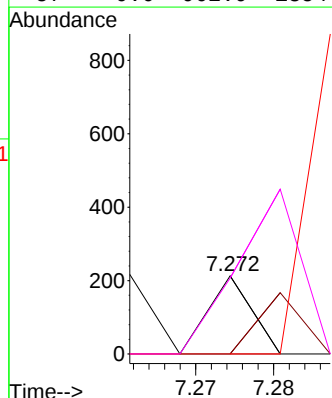
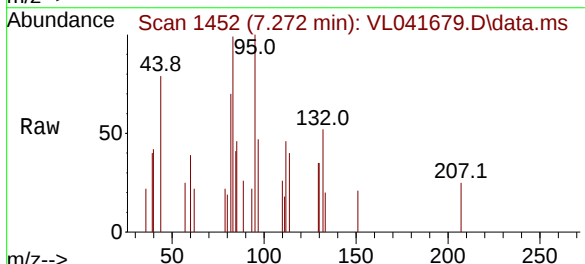
Ion Ratio Lower Upper

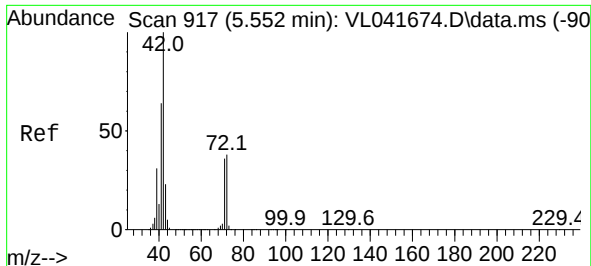
88 100

58 0.0 101.4 152.2#

43 0.0 208.0 312.0#

57 0.0 902.9 1354.3#





#41

Tetrahydrofuran

Concen: 0.014 ppbv

RT: 5.597 min Scan# 917

Delta R.T. 0.045 min

Lab File: VL041679.D

Acq: 7 Nov 2024 13:31

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.03

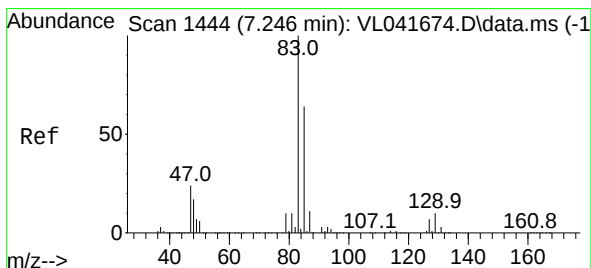
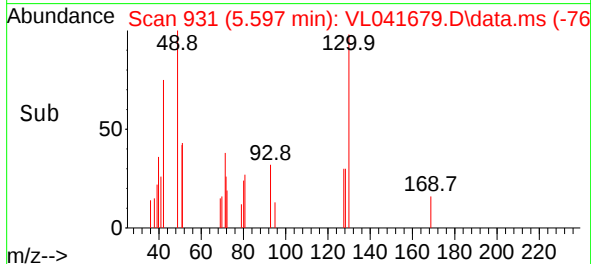
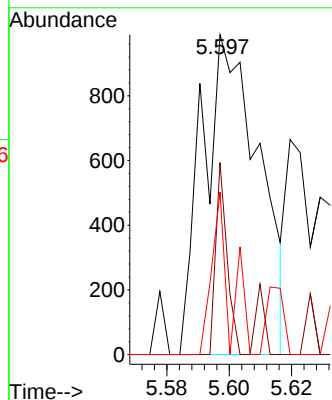
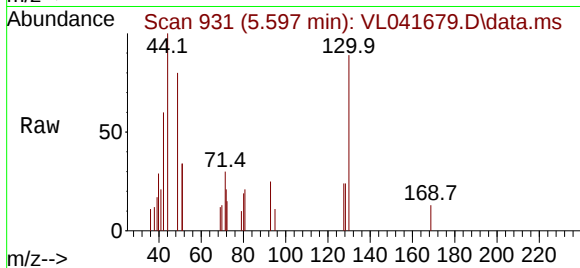
Tgt Ion: 42 Resp: 1248

Ion Ratio Lower Upper

42 100

72 18.3 29.8 44.6#

71 4.0 29.4 44.2#



#42

Bromodichloromethane

Concen: 0.008 ppbv

RT: 7.246 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VL041679.D

Acq: 7 Nov 2024 13:31

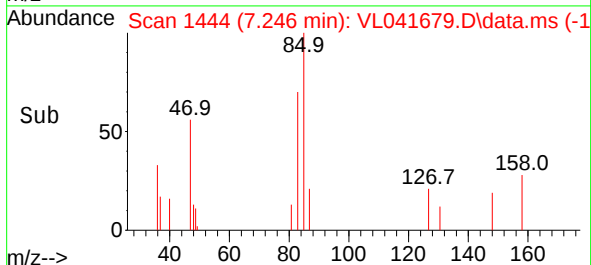
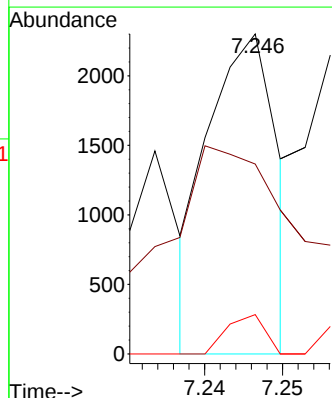
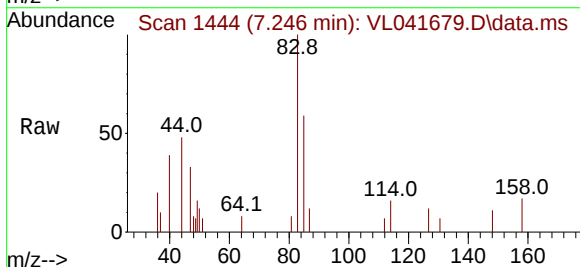
Tgt Ion: 83 Resp: 1411

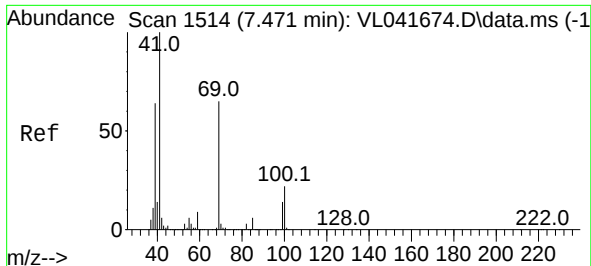
Ion Ratio Lower Upper

83 100

85 36.4 51.2 76.8#

127 19.5 6.0 9.0#





#43

Methyl Methacrylate

Concen: 0.003 ppbv

RT: 7.472 min Scan# 1514

Delta R.T. 0.000 min

Lab File: VL041679.D

Acq: 7 Nov 2024 13:31

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.03

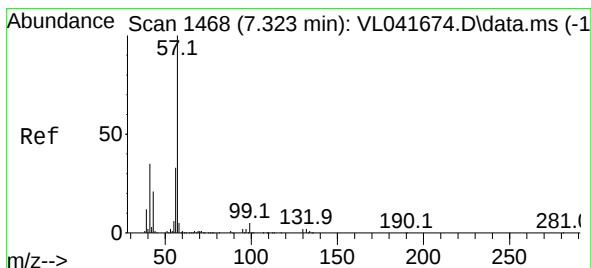
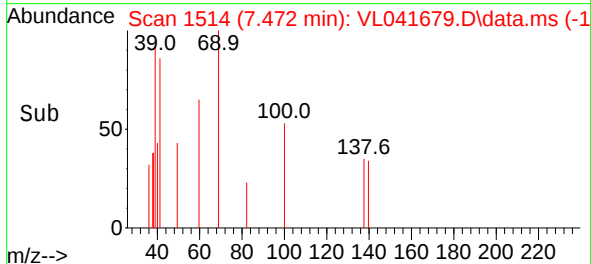
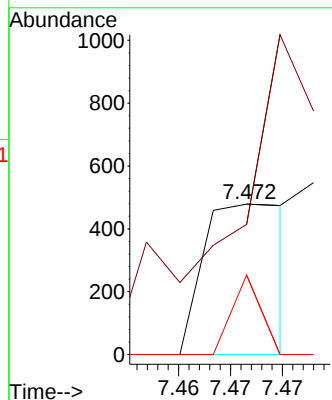
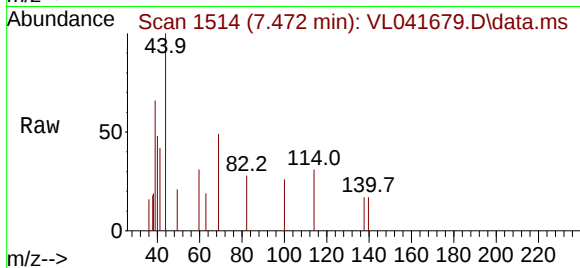
Tgt Ion: 69 Resp: 273

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: 0.003 ppbv

RT: 7.320 min Scan# 1467

Delta R.T. -0.003 min

Lab File: VL041679.D

Acq: 7 Nov 2024 13:31

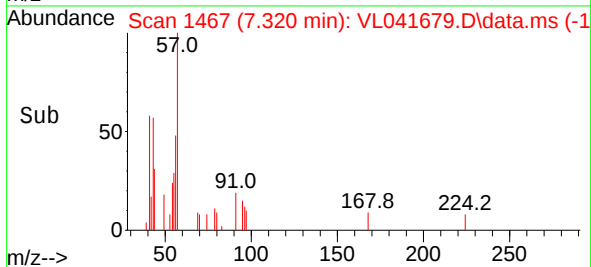
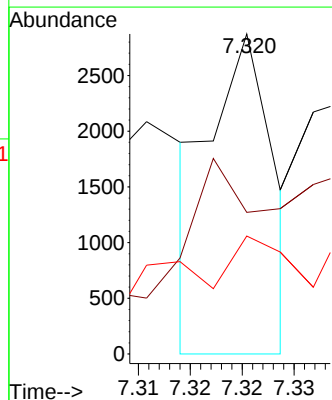
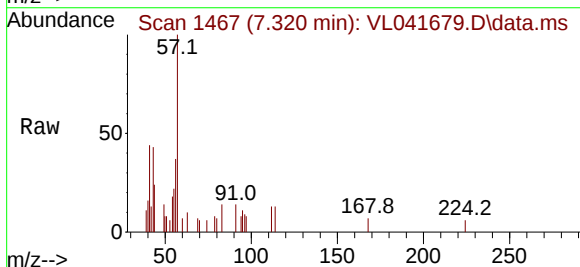
Tgt Ion: 57 Resp: 1208

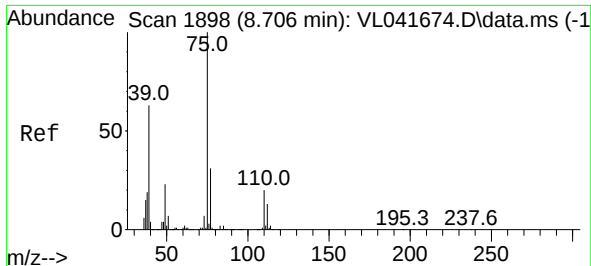
Ion Ratio Lower Upper

57 100

41 272.8 27.0 40.6#

56 0.0 25.8 38.6#





#45

t-1,3-Dichloropropene

Concen: 0.003 ppbv

RT: 8.706 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL041679.D

Acq: 7 Nov 2024 13:31

Instrument :

MSVOA_L

ClientSampleId :

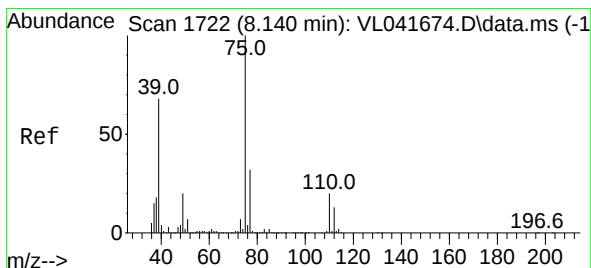
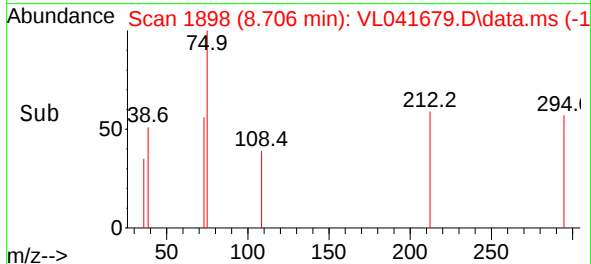
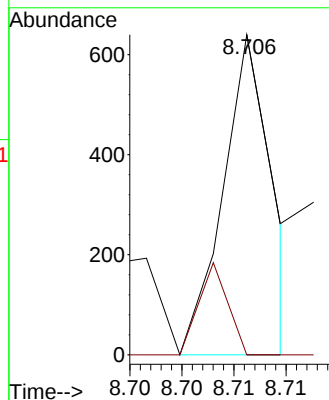
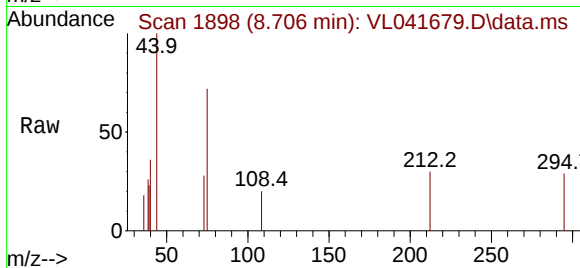
VSTDIC0.03

Tgt Ion: 75 Resp: 213

Ion Ratio Lower Upper

75 100

77 0.0 24.7 37.1#



#46

cis-1,3-Dichloropropene

Concen: 0.004 ppbv

RT: 8.147 min Scan# 1724

Delta R.T. 0.007 min

Lab File: VL041679.D

Acq: 7 Nov 2024 13:31

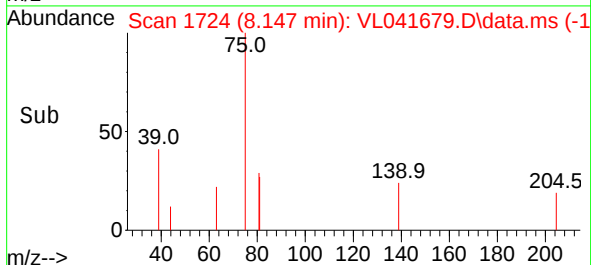
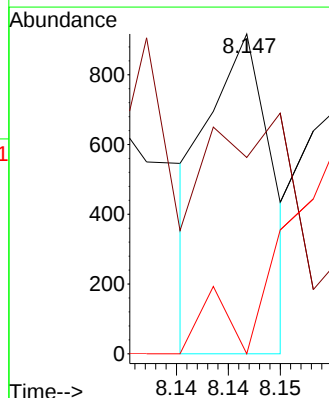
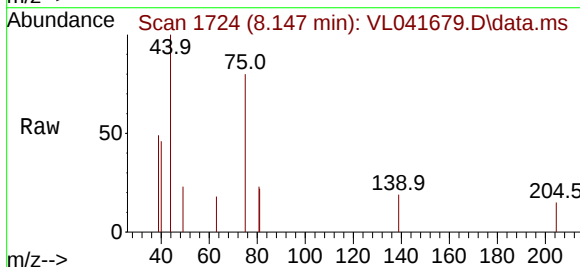
Tgt Ion: 75 Resp: 395

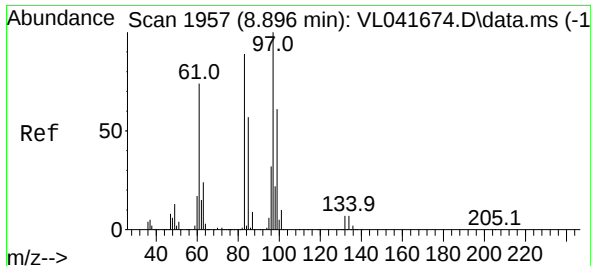
Ion Ratio Lower Upper

75 100

39 43.5 54.1 81.1#

77 0.0 25.3 37.9#





#47

1,1,2-Trichloroethane

Concen: 0.010 ppbv

RT: 8.896 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VL041679.D

Acq: 7 Nov 2024 13:31

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.03

Tgt Ion: 97 Resp: 998

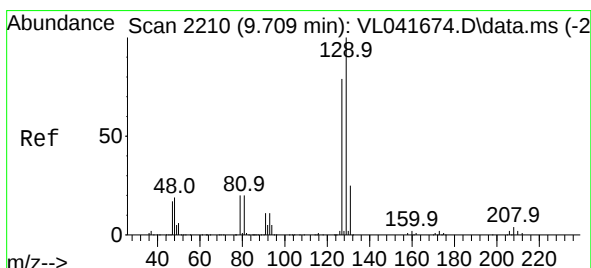
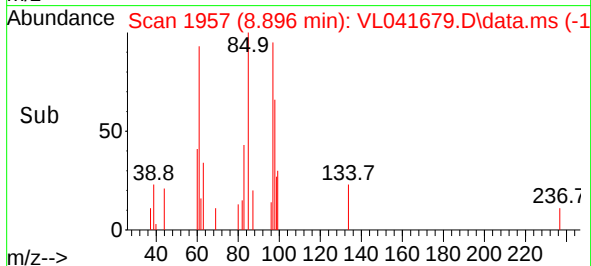
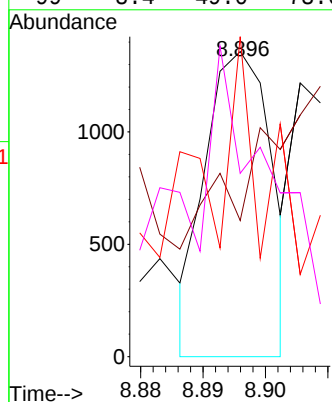
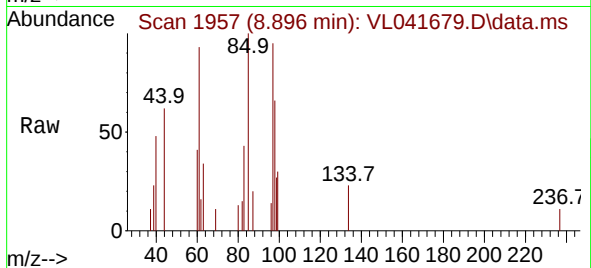
Ion Ratio Lower Upper

97 100

83 12.4 71.0 106.6#

85 49.7 45.4 68.2

99 8.4 49.0 73.6#



#48

Dibromochloromethane

Concen: 0.004 ppbv

RT: 9.716 min Scan# 2212

Delta R.T. 0.007 min

Lab File: VL041679.D

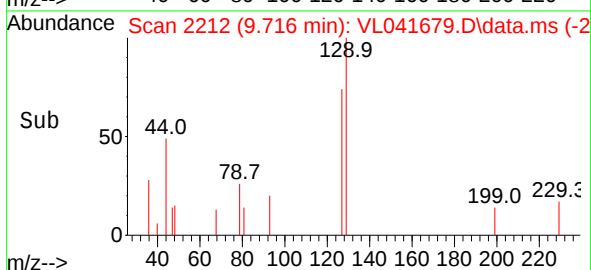
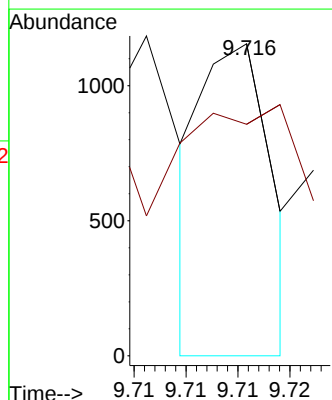
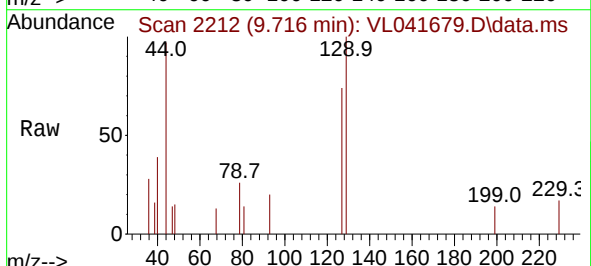
Acq: 7 Nov 2024 13:31

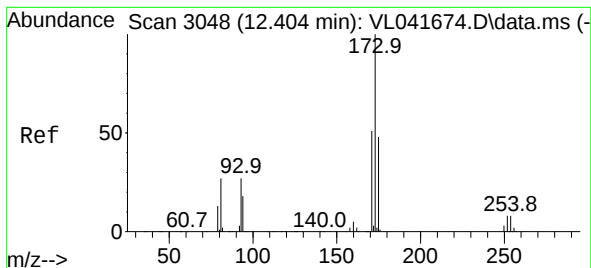
Tgt Ion: 129 Resp: 535

Ion Ratio Lower Upper

129 100

127 0.0 39.1 117.2#





#49

Bromoform

Concen: 0.006 ppbv

RT: 12.407 min Scan# 3048

Delta R.T. 0.003 min

Lab File: VL041679.D

Acq: 7 Nov 2024 13:31

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.03

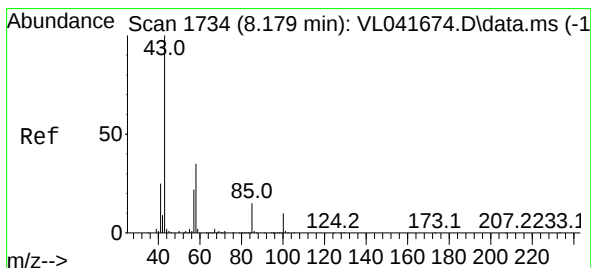
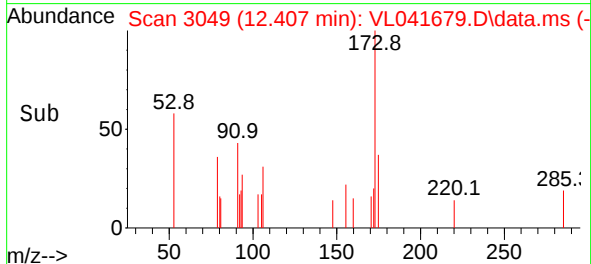
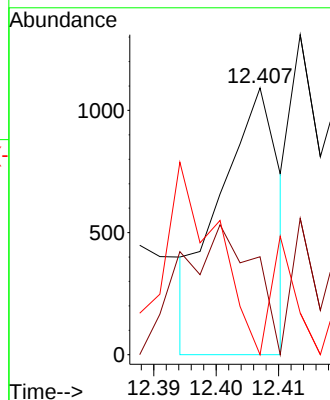
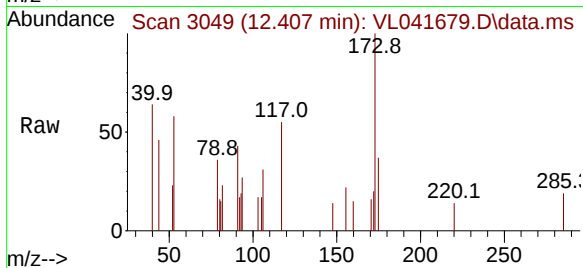
Tgt Ion:173 Resp: 728

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: 0.000 ppbv

RT: 8.163 min Scan# 1729

Delta R.T. -0.016 min

Lab File: VL041679.D

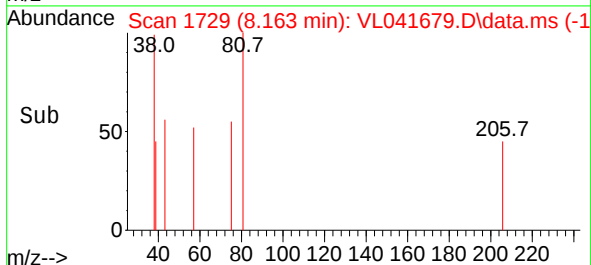
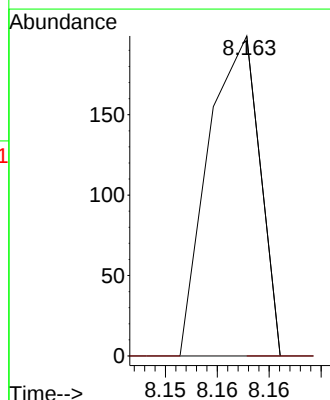
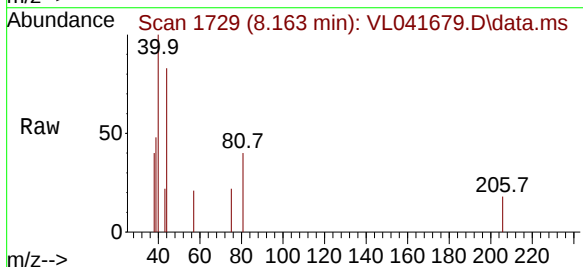
Acq: 7 Nov 2024 13:31

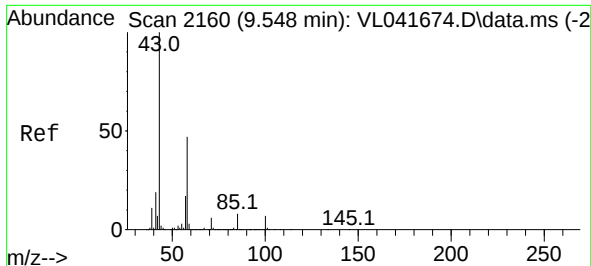
Tgt Ion: 43 Resp: 68

Ion Ratio Lower Upper

43 100

58 0.0 27.7 41.5#

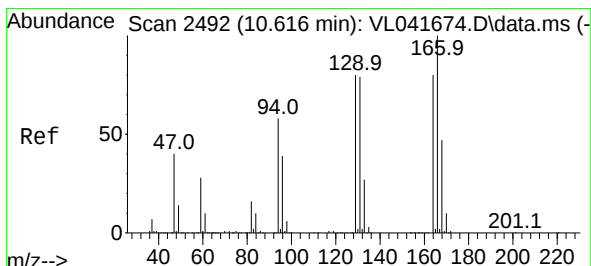
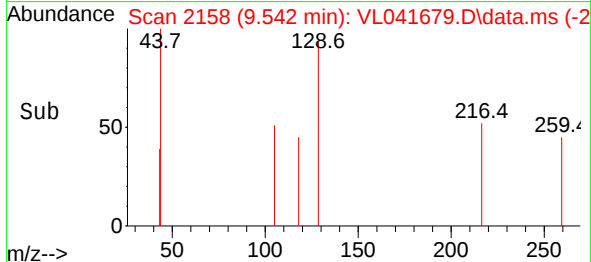
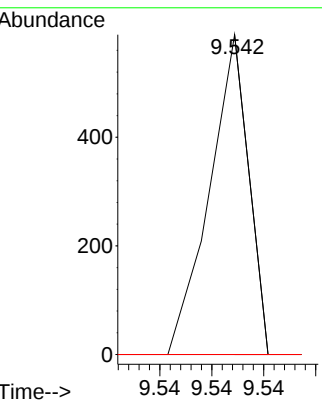
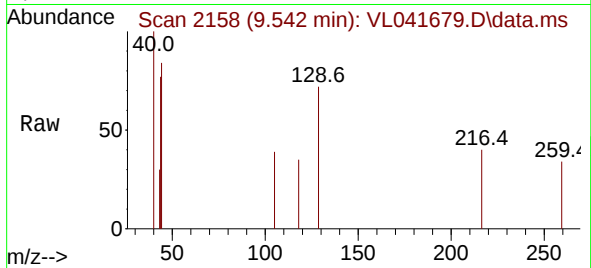




#51
2-Hexanone
Concen: 0.001 ppbv
RT: 9.542 min Scan# 2160
Delta R.T. -0.006 min
Lab File: VL041679.D
Acq: 7 Nov 2024 13:31

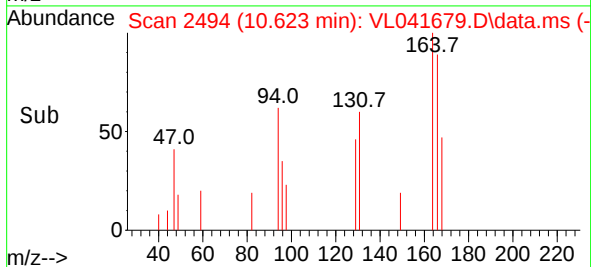
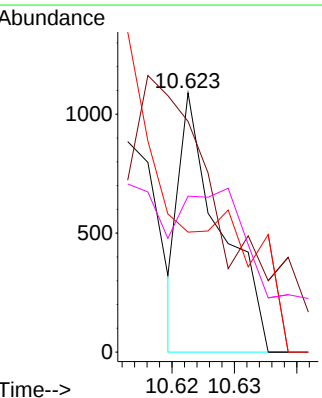
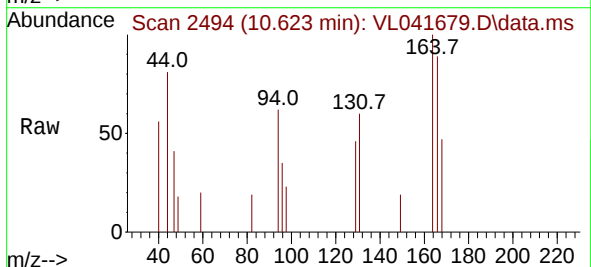
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

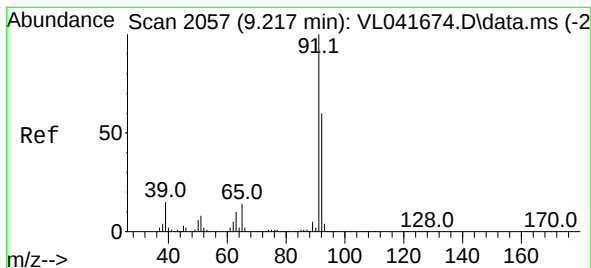
Tgt Ion: 43 Resp: 154
Ion Ratio Lower Upper
43 100
58 0.0 37.0 55.6#
98 0.0 0.6 0.8#



#52
Tetrachloroethene
Concen: 0.006 ppbv
RT: 10.623 min Scan# 2494
Delta R.T. 0.007 min
Lab File: VL041679.D
Acq: 7 Nov 2024 13:31

Tgt Ion:164 Resp: 492
Ion Ratio Lower Upper
164 100
166 61.5 100.2 150.4#
129 0.9 79.7 119.5#
131 39.3 79.0 118.4#





#53

Toluene

Concen: 0.002 ppbv

RT: 9.217 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VL041679.D

Acq: 7 Nov 2024 13:31

Instrument :

MSVOA_L

ClientSampleId :

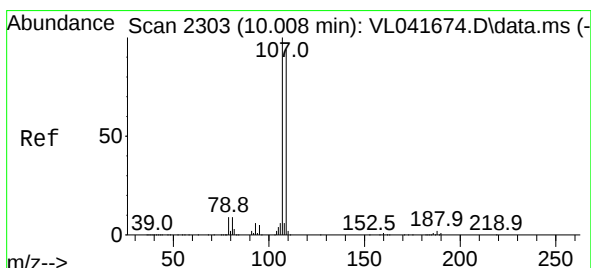
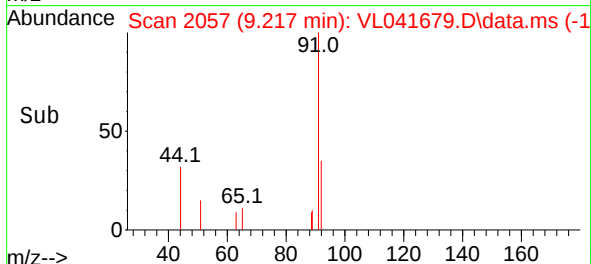
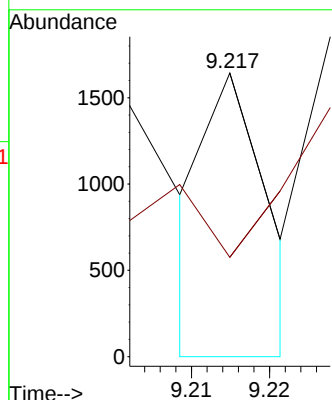
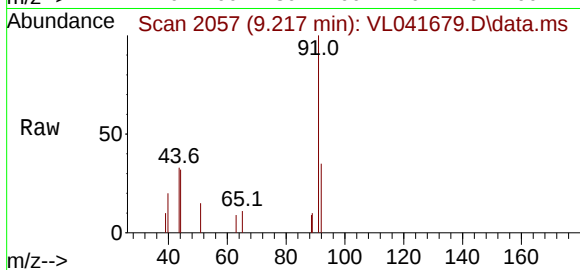
VSTDIC0.03

Tgt Ion: 91 Resp: 447

Ion Ratio Lower Upper

91 100

92 0.0 49.0 73.4#



#54

1,2-Dibromoethane

Concen: 0.001 ppbv

RT: 9.986 min Scan# 2296

Delta R.T. -0.022 min

Lab File: VL041679.D

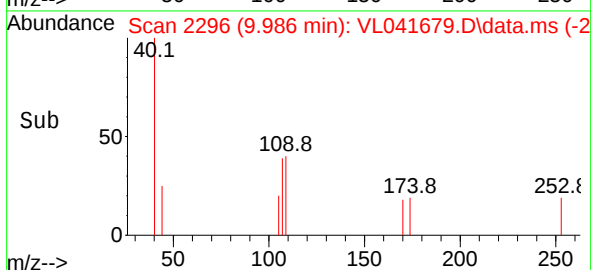
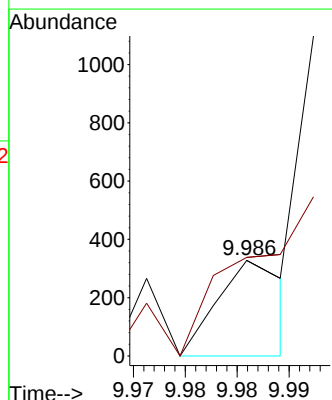
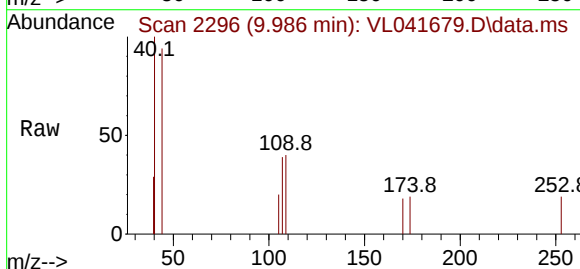
Acq: 7 Nov 2024 13:31

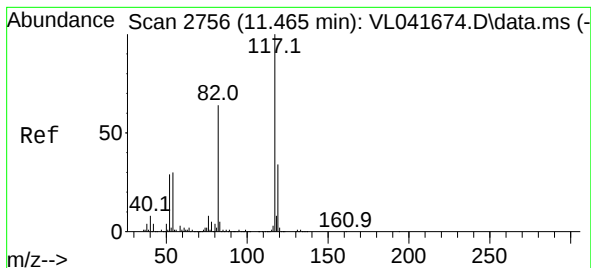
Tgt Ion: 107 Resp: 148

Ion Ratio Lower Upper

107 100

109 103.0 74.9 112.3

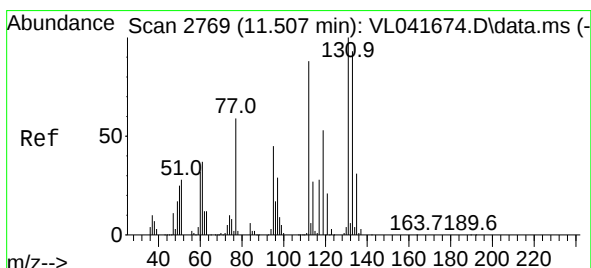
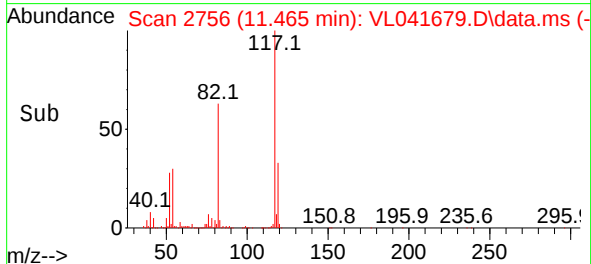
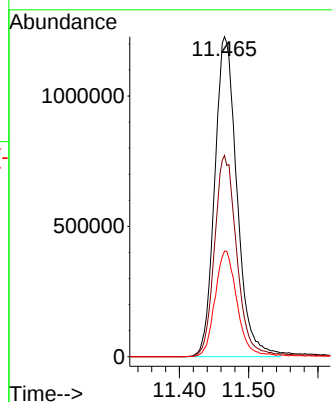
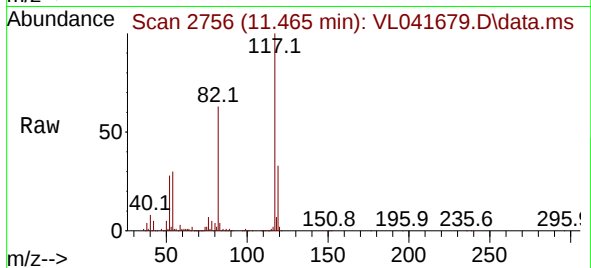




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.465 min Scan# 2756
Delta R.T. 0.000 min
Lab File: VL041679.D
Acq: 7 Nov 2024 13:31

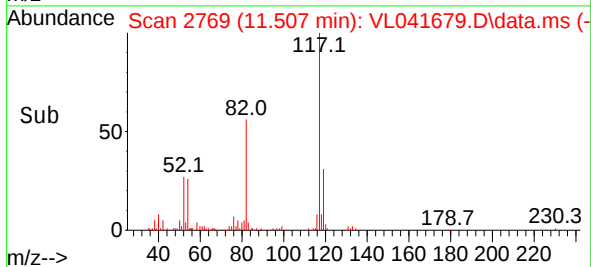
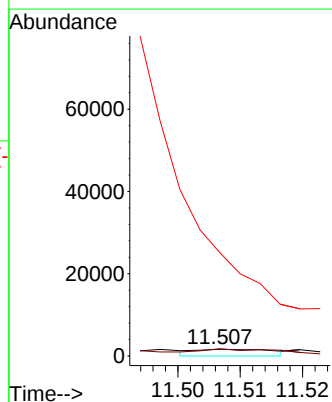
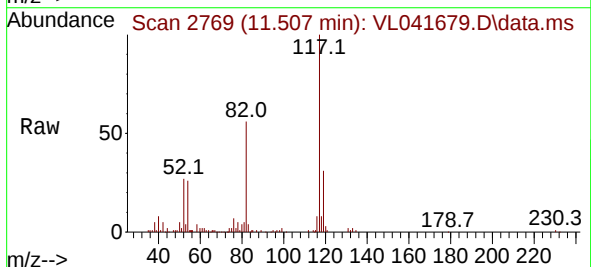
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

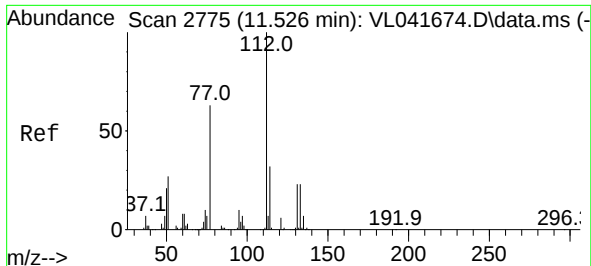
Tgt Ion:117 Resp: 2745730
Ion Ratio Lower Upper
117 100
82 64.3 49.8 74.8
119 33.4 24.2 36.4



#56
1,1,1,2-Tetrachloroethane
Concen: 0.012 ppbv
RT: 11.507 min Scan# 2769
Delta R.T. 0.000 min
Lab File: VL041679.D
Acq: 7 Nov 2024 13:31

Tgt Ion:131 Resp: 1400
Ion Ratio Lower Upper
131 100
133 221.5 76.5 114.7#
119 0.0 49.8 74.8#





#57

Chlorobenzene

Concen: 0.005 ppbv

RT: 11.526 min Scan# 21

Delta R.T. 0.000 min

Lab File: VL041679.D

Acq: 7 Nov 2024 13:31

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.03

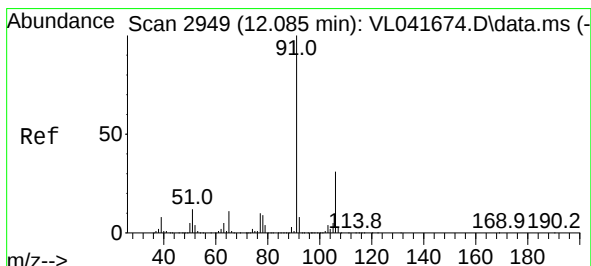
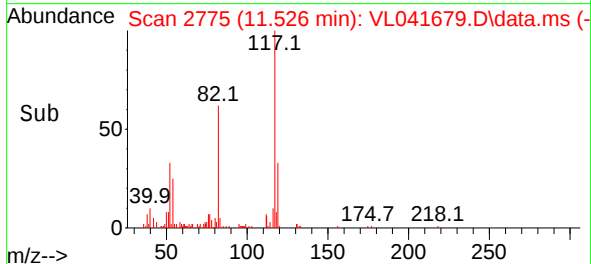
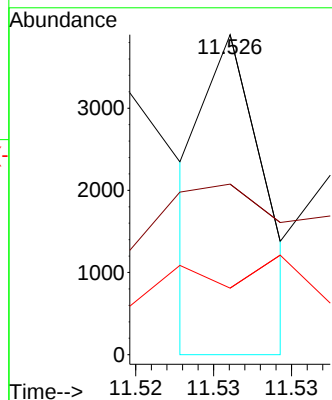
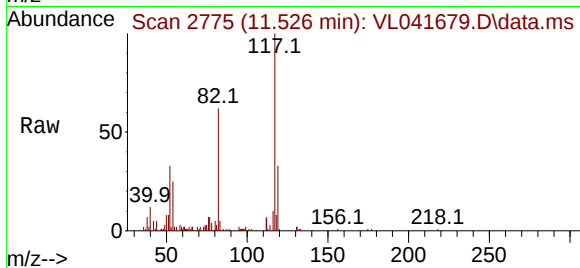
Tgt Ion:112 Resp: 1018

Ion Ratio Lower Upper

112 100

77 18.6 51.4 77.2#

114 0.0 28.4 34.8#



#58

Ethyl Benzene

Concen: 0.007 ppbv

RT: 12.089 min Scan# 2950

Delta R.T. 0.003 min

Lab File: VL041679.D

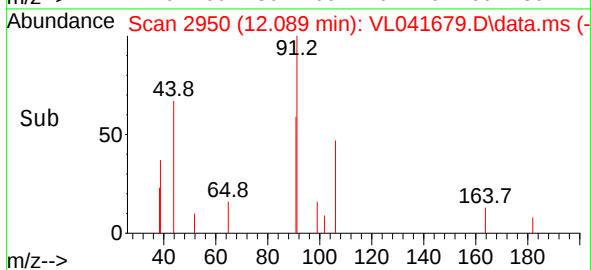
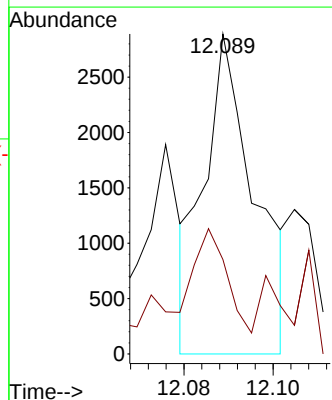
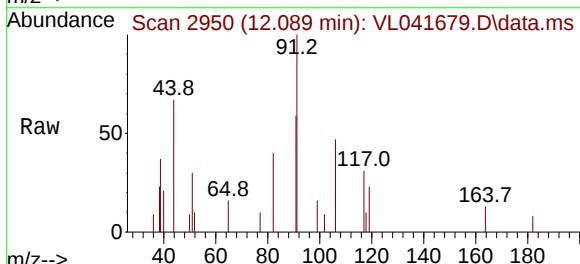
Acq: 7 Nov 2024 13:31

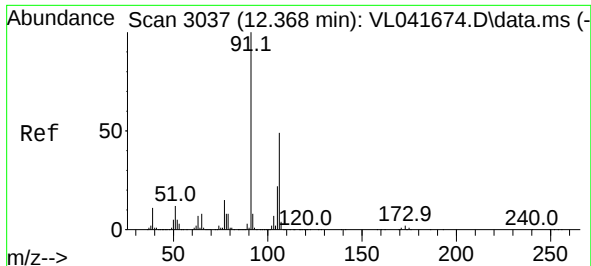
Tgt Ion: 91 Resp: 2272

Ion Ratio Lower Upper

91 100

106 27.0 24.9 37.3





#59

m/p-Xylene

Concen: 0.003 ppbv

RT: 12.365 min Scan# 3036

Delta R.T. -0.003 min

Lab File: VL041679.D

Acq: 7 Nov 2024 13:31

Instrument :

MSVOA_1

ClientSampleId :

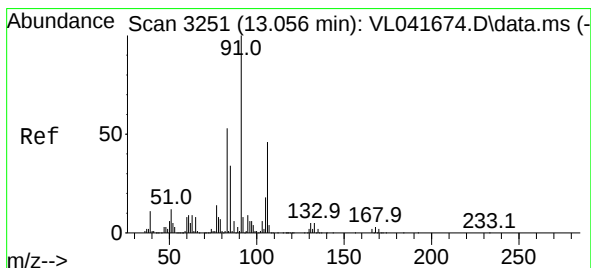
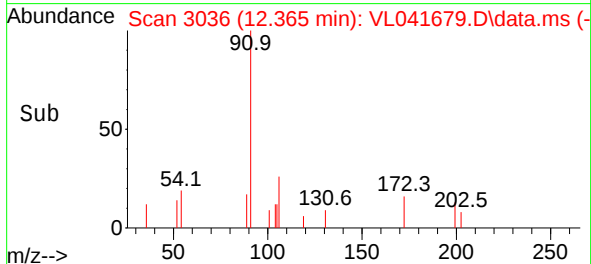
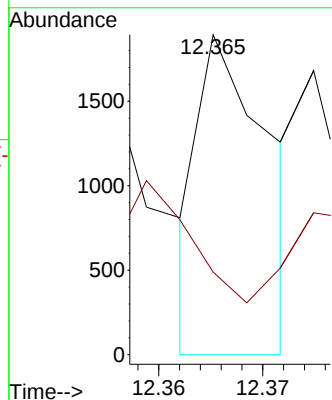
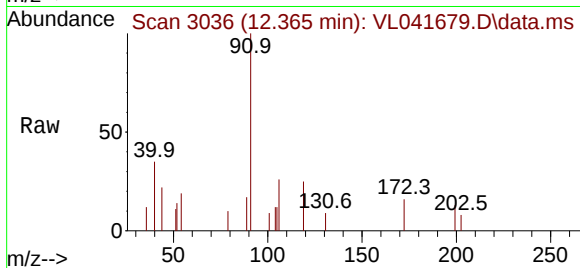
VSTDIC0.03

Tgt Ion: 91 Resp: 880

Ion Ratio Lower Upper

91 100

106 0.0 36.9 55.3#



#60

o-Xylene

Concen: 0.001 ppbv

RT: 13.082 min Scan# 3259

Delta R.T. 0.026 min

Lab File: VL041679.D

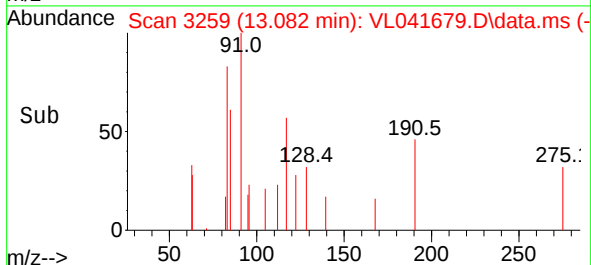
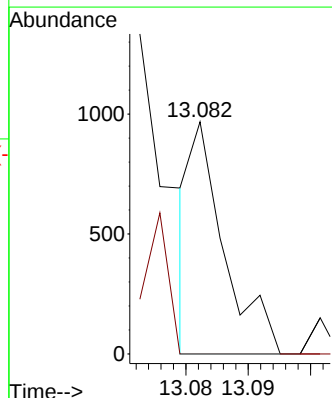
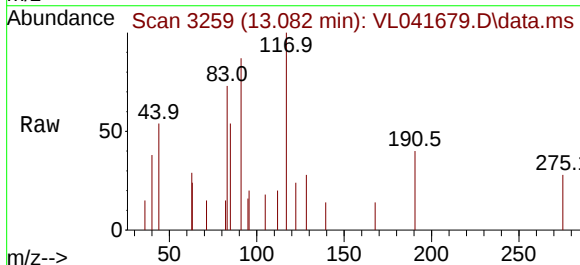
Acq: 7 Nov 2024 13:31

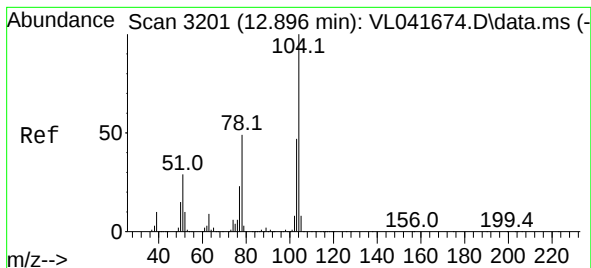
Tgt Ion: 91 Resp: 359

Ion Ratio Lower Upper

91 100

106 28.7 23.2 69.6





#61

Styrene

Concen: 0.003 ppbv

RT: 12.893 min Scan# 31

Delta R.T. -0.003 min

Lab File: VL041679.D

Acq: 7 Nov 2024 13:31

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.03

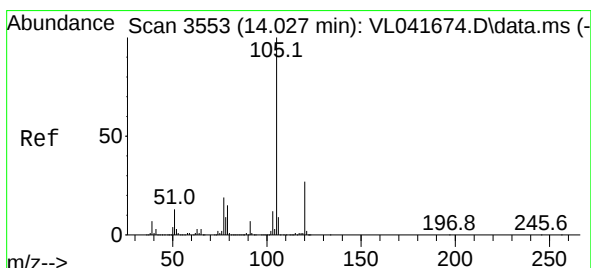
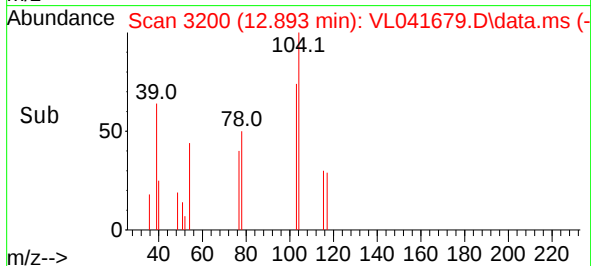
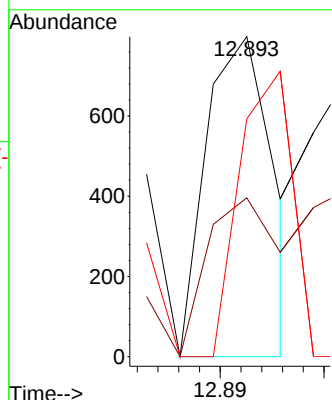
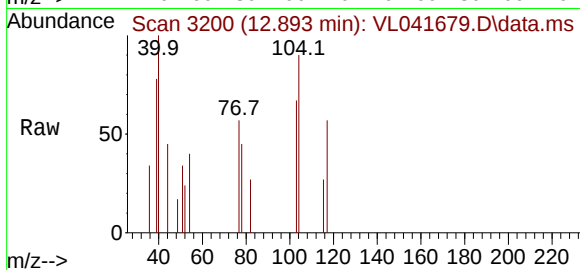
Tgt Ion:104 Resp: 361

Ion Ratio Lower Upper

104 100

78 0.0 39.8 59.8#

103 152.1 37.4 56.0#



#62

Isopropylbenzene

Concen: 0.005 ppbv

RT: 14.028 min Scan# 3553

Delta R.T. 0.000 min

Lab File: VL041679.D

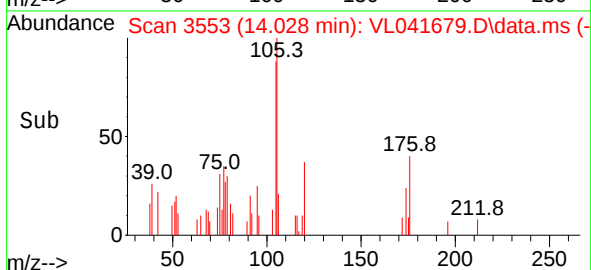
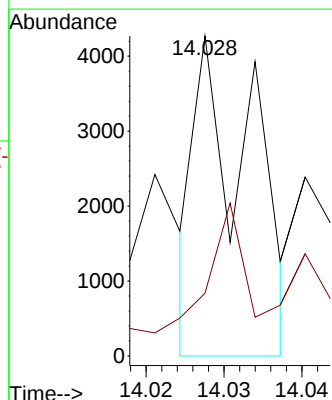
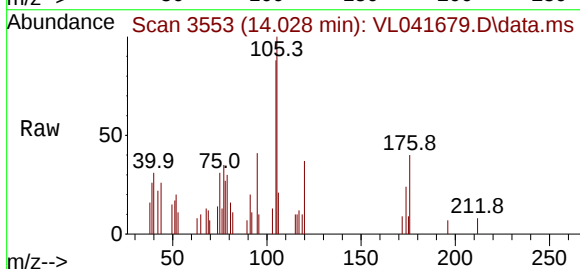
Acq: 7 Nov 2024 13:31

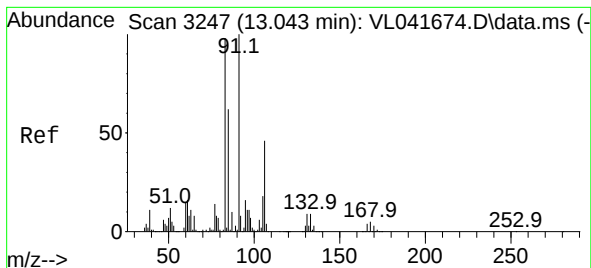
Tgt Ion:105 Resp: 2118

Ion Ratio Lower Upper

105 100

120 96.8 21.1 31.7#

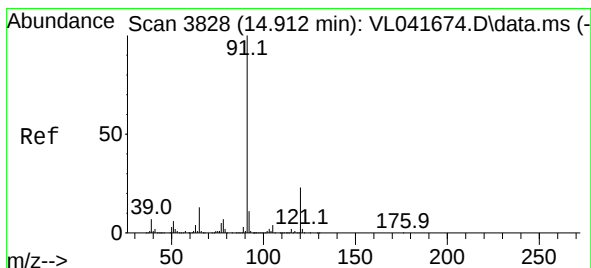
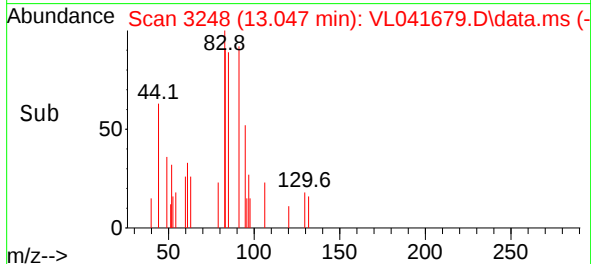
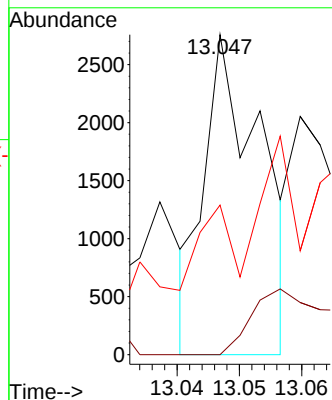
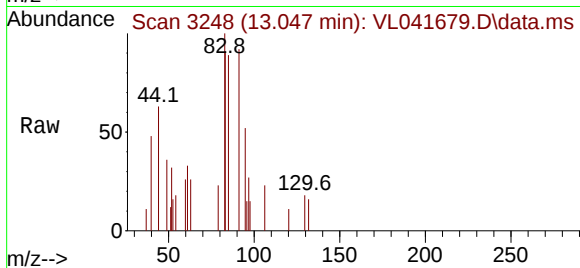




#63
1,1,2,2-Tetrachloroethane
Concen: 0.009 ppbv
RT: 13.047 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL041679.D
Acq: 7 Nov 2024 13:31

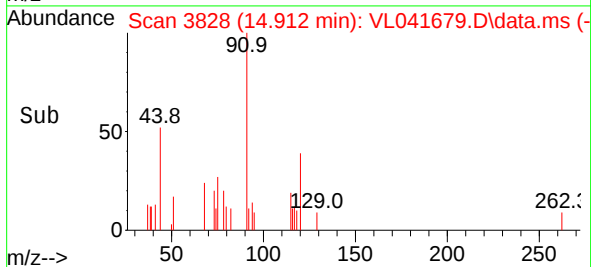
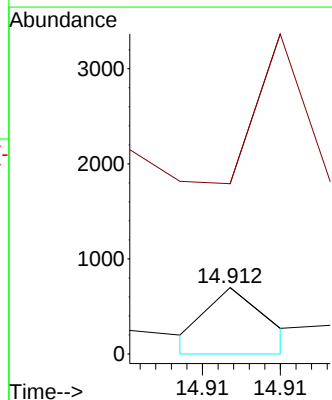
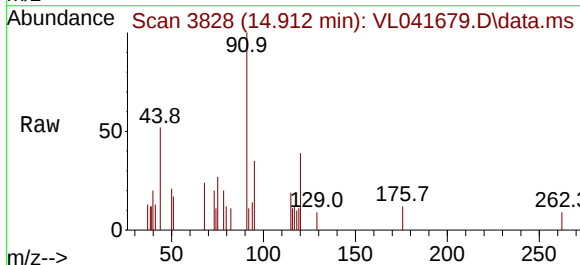
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

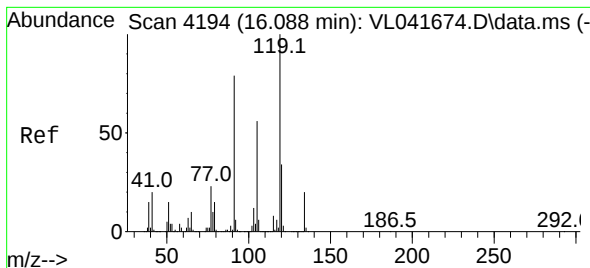
Tgt Ion: 83 Resp: 1745
Ion Ratio Lower Upper
83 100
131 0.0 4.8 14.3#
85 0.0 32.6 98.0#



#64
n-propylbenzene
Concen: 0.002 ppbv
RT: 14.912 min Scan# 3828
Delta R.T. 0.000 min
Lab File: VL041679.D
Acq: 7 Nov 2024 13:31

Tgt Ion:120 Resp: 187
Ion Ratio Lower Upper
120 100
91 3587.2 362.4 543.6#





#65

tert-Butylbenzene

Concen: 0.001 ppbv

RT: 16.095 min Scan# 4194

Delta R.T. 0.007 min

Lab File: VL041679.D

Acq: 7 Nov 2024 13:31

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.03

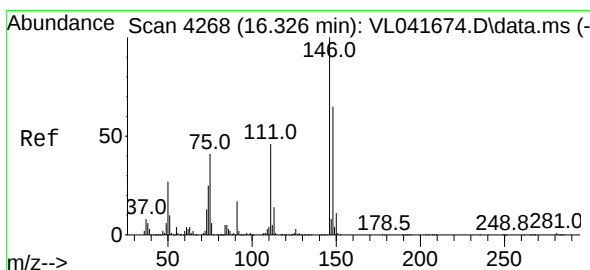
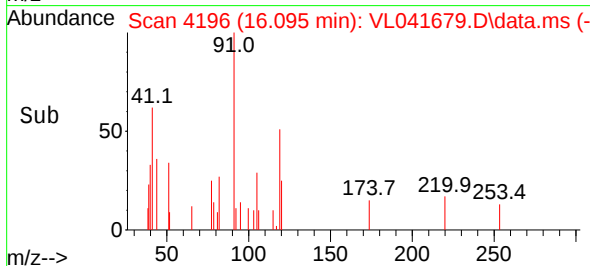
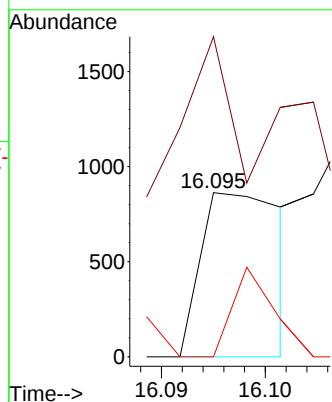
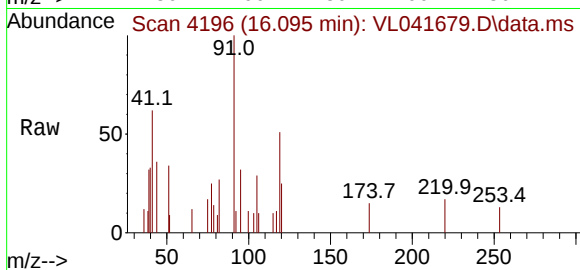
Tgt Ion:119 Resp: 481

Ion Ratio Lower Upper

119 100

91 702.1 64.3 96.5#

134 35.3 15.8 23.8#



#66

Benzyl Chloride

Concen: 0.001 ppbv

RT: 16.339 min Scan# 4272

Delta R.T. 0.013 min

Lab File: VL041679.D

Acq: 7 Nov 2024 13:31

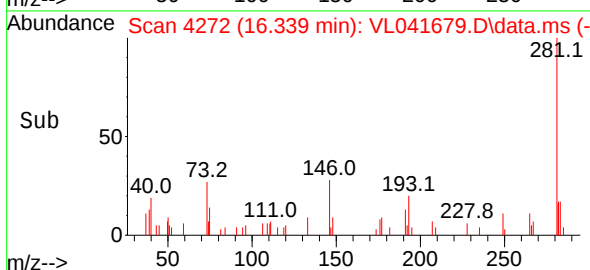
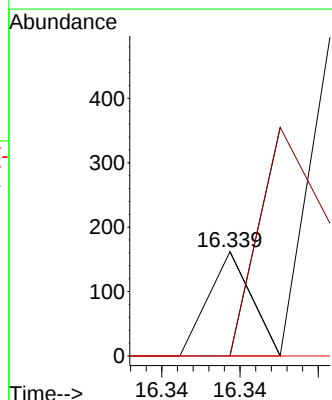
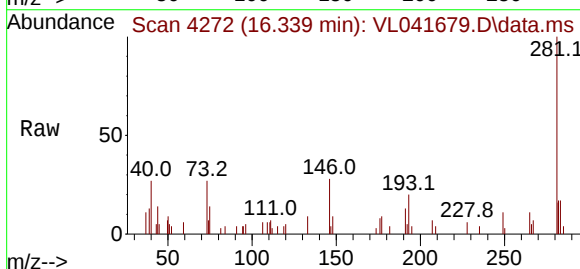
Tgt Ion: 91 Resp: 31

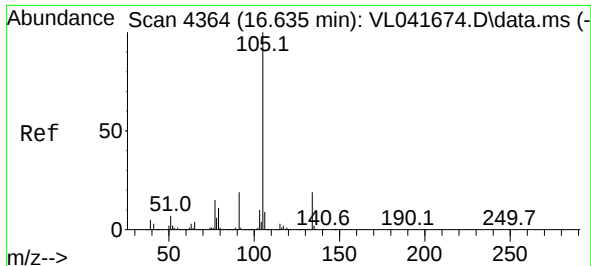
Ion Ratio Lower Upper

91 100

126 0.0 13.8 20.6#

128 0.0 4.3 6.5#





#67

sec-Butylbenzene

Concen: 0.004 ppbv

RT: 16.645 min Scan# 4364

Delta R.T. 0.010 min

Lab File: VL041679.D

Acq: 7 Nov 2024 13:31

Instrument :

MSVOA_L

ClientSampleId :

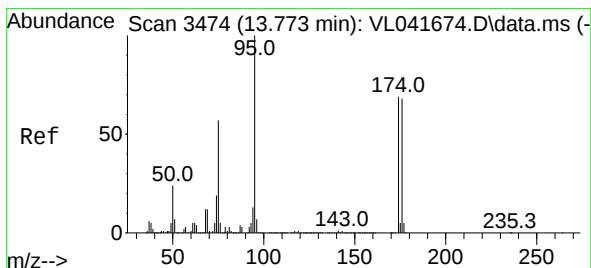
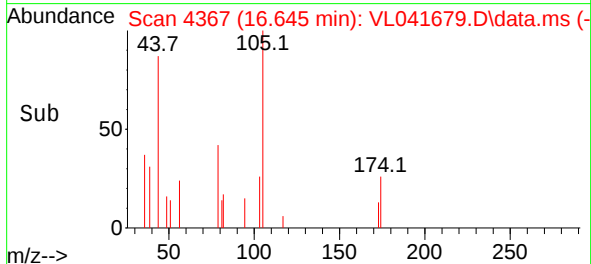
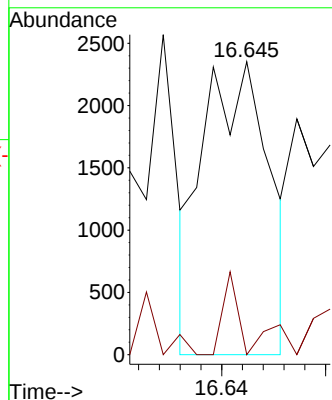
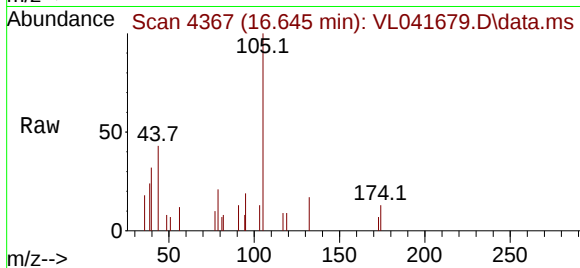
VSTDIC0.03

Tgt Ion:105 Resp: 2059

Ion Ratio Lower Upper

105 100

134 17.9 14.6 22.0



#68

1-Bromo-4-Fluorobenzene

Concen: 10.018 ppbv

RT: 13.777 min Scan# 3475

Delta R.T. 0.003 min

Lab File: VL041679.D

Acq: 7 Nov 2024 13:31

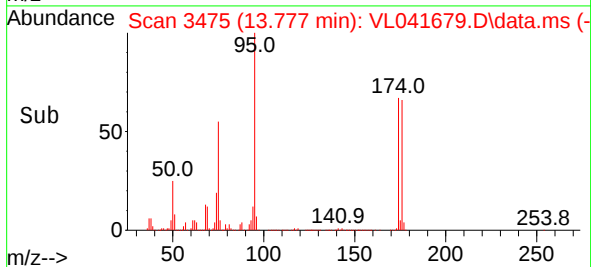
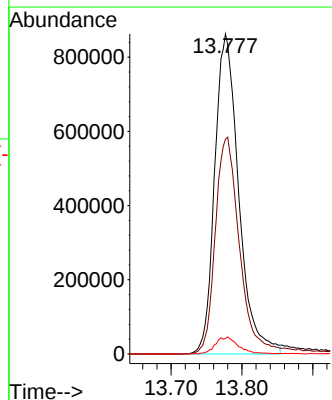
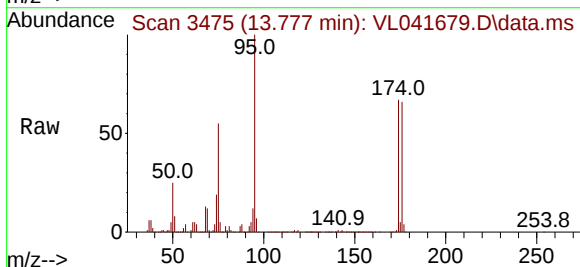
Tgt Ion: 95 Resp: 2034307

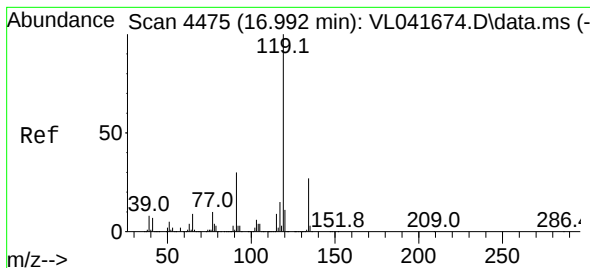
Ion Ratio Lower Upper

95 100

174 70.8 55.6 83.4

175 5.2 4.2 6.2





#69

p-Isopropyltoluene

Concen: 0.001 ppbv

RT: 16.995 min Scan# 4475

Delta R.T. 0.003 min

Lab File: VL041679.D

Acq: 7 Nov 2024 13:31

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.03

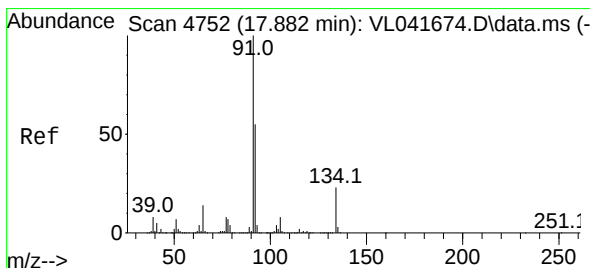
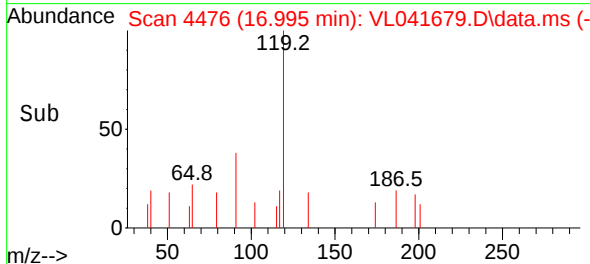
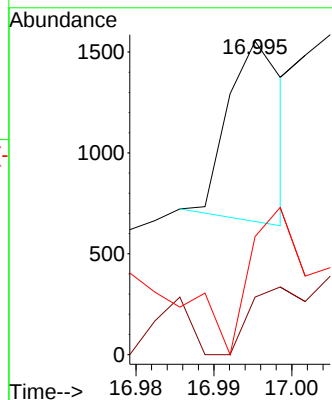
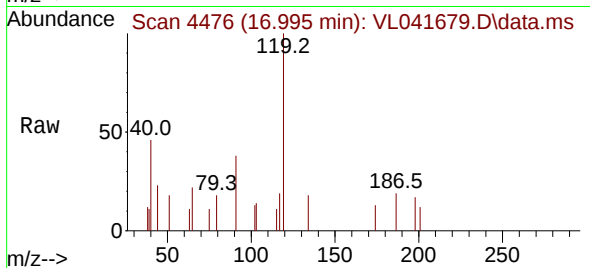
Tgt Ion:119 Resp: 431

Ion Ratio Lower Upper

119 100

134 0.0 20.8 31.2#

91 263.6 23.2 34.8#



#70

n-Butylbenzene

Concen: 0.002 ppbv

RT: 17.886 min Scan# 4753

Delta R.T. 0.003 min

Lab File: VL041679.D

Acq: 7 Nov 2024 13:31

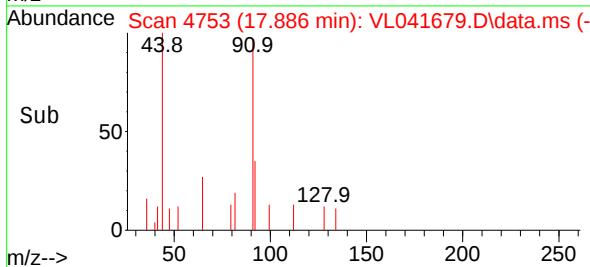
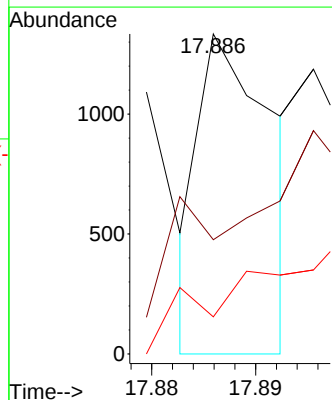
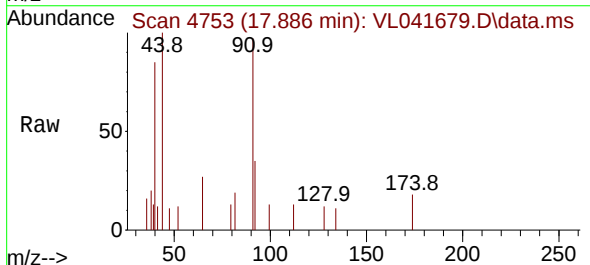
Tgt Ion: 91 Resp: 657

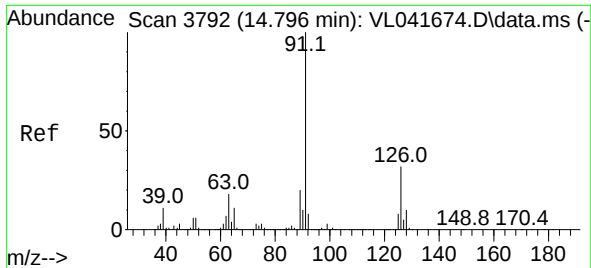
Ion Ratio Lower Upper

91 100

92 0.0 43.3 64.9#

134 0.0 18.4 27.6#

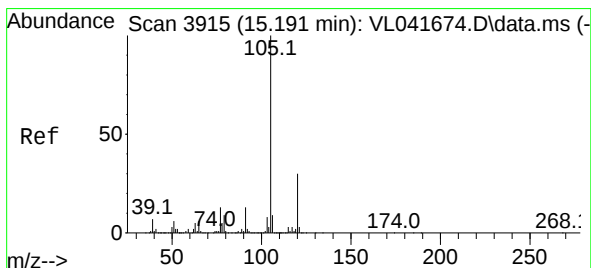
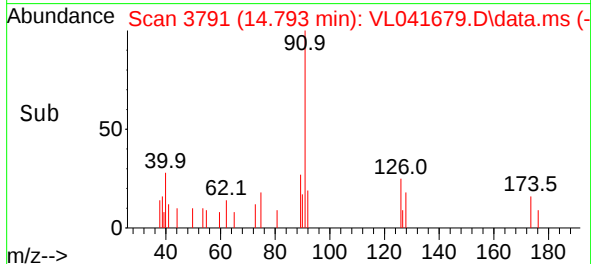
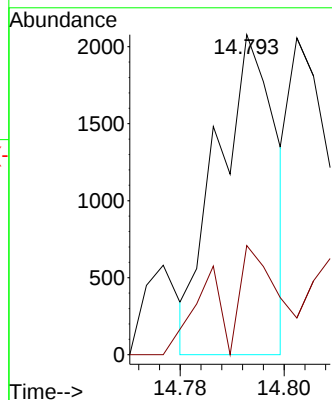
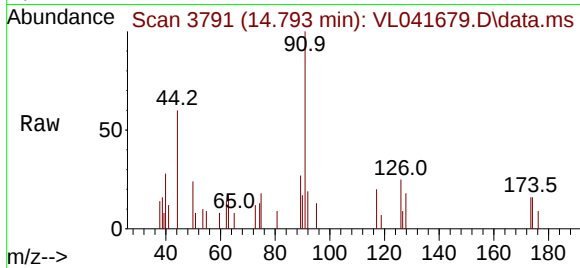




#71
2-Chlorotoluene
Concen: 0.006 ppbv
RT: 14.793 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL041679.D
Acq: 7 Nov 2024 13:31

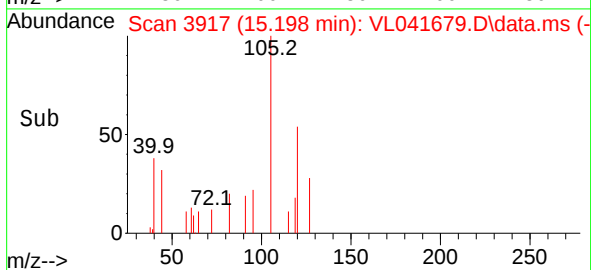
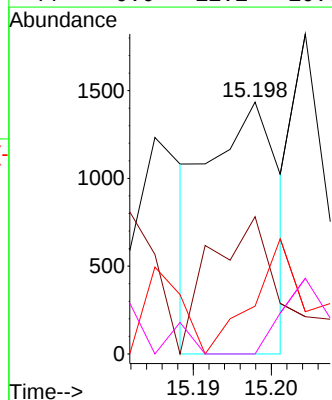
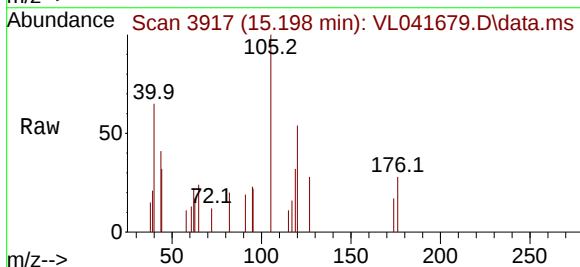
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

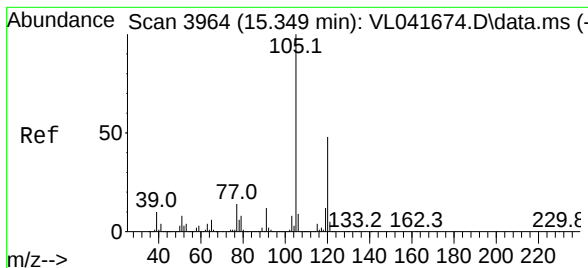
Tgt Ion: 91 Resp: 1624
Ion Ratio Lower Upper
91 100
126 0.0 12.8 51.0#



#72
4-Ethyltoluene
Concen: 0.003 ppbv
RT: 15.198 min Scan# 3917
Delta R.T. 0.007 min
Lab File: VL041679.D
Acq: 7 Nov 2024 13:31

Tgt Ion:105 Resp: 907
Ion Ratio Lower Upper
105 100
120 0.0 25.0 37.4#
91 0.0 10.6 15.8#
77 0.0 11.1 16.7#





#73

1,3,5-Trimethylbenzene

Concen: 0.001 ppbv

RT: 15.352 min Scan# 3965

Delta R.T. 0.003 min

Lab File: VL041679.D

Acq: 7 Nov 2024 13:31

Instrument :

MSVOA_L

ClientSampleId :

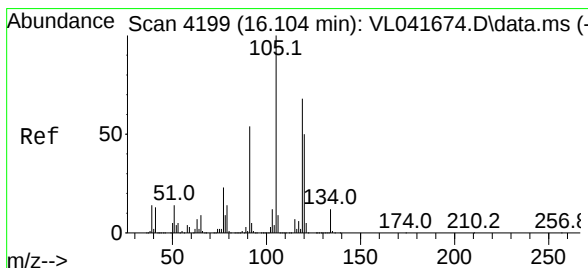
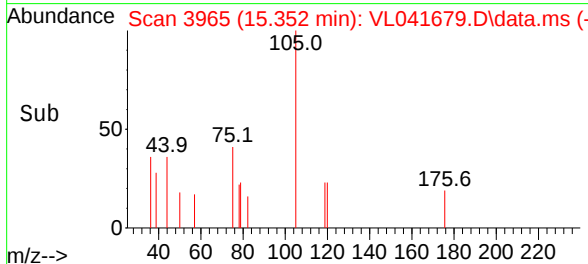
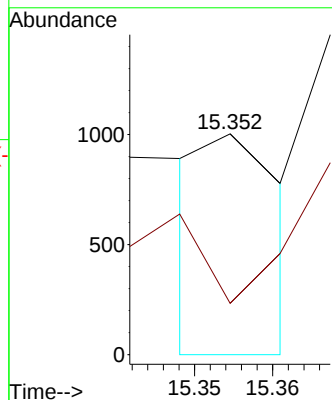
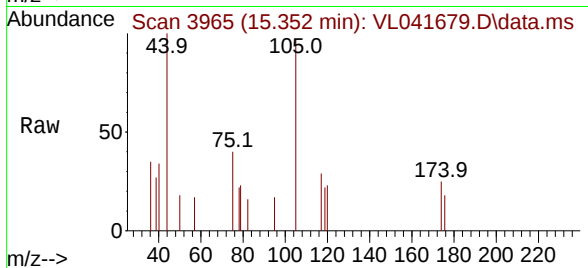
VSTDIC0.03

Tgt Ion:105 Resp: 343

Ion Ratio Lower Upper

105 100

120 0.0 38.4 57.6#



#74

1,2,4-Trimethylbenzene

Concen: 0.004 ppbv

RT: 16.111 min Scan# 4201

Delta R.T. 0.007 min

Lab File: VL041679.D

Acq: 7 Nov 2024 13:31

Tgt Ion:105 Resp: 1159

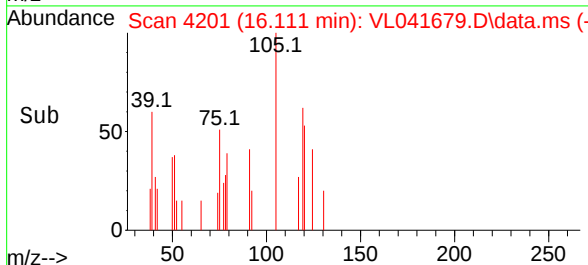
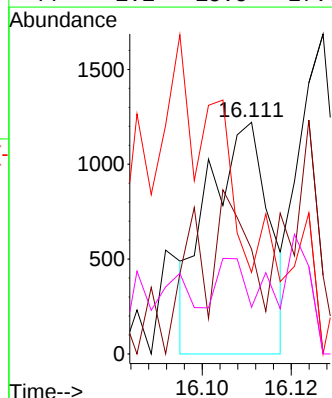
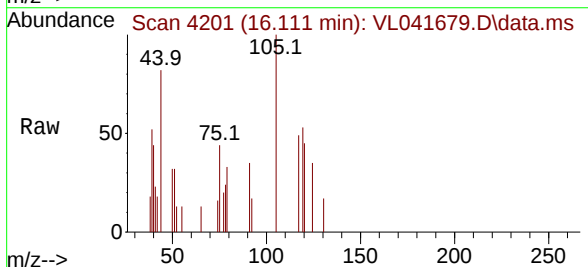
Ion Ratio Lower Upper

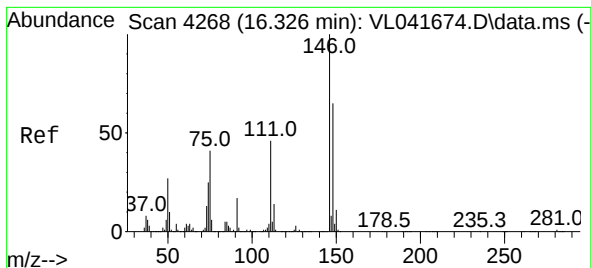
105 100

120 17.6 39.8 59.8#

91 6.7 43.2 64.8#

77 1.1 18.5 27.7#





#75

1,3-Dichlorobenzene

Concen: 0.001 ppbv

RT: 16.314 min Scan# 41

Delta R.T. -0.013 min

Lab File: VL041679.D

Acq: 7 Nov 2024 13:31

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.03

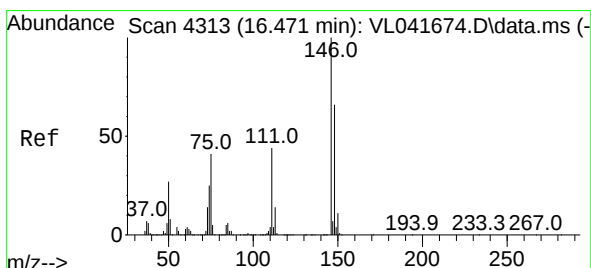
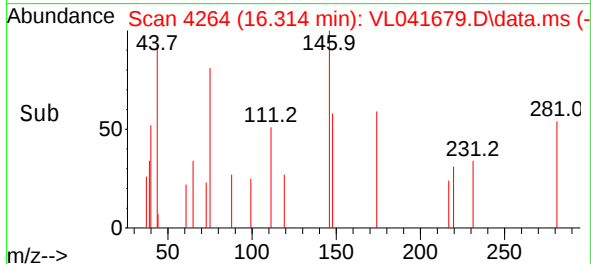
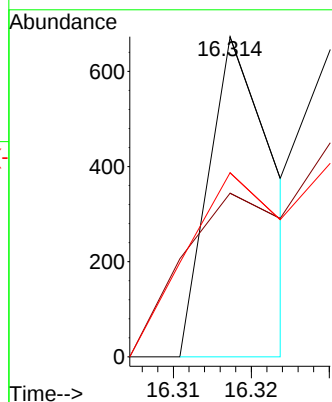
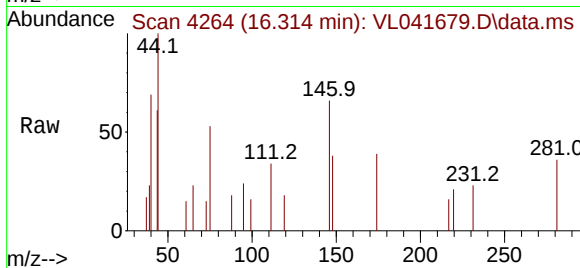
Tgt Ion:146 Resp: 202

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: 0.005 ppbv

RT: 16.471 min Scan# 4313

Delta R.T. 0.000 min

Lab File: VL041679.D

Acq: 7 Nov 2024 13:31

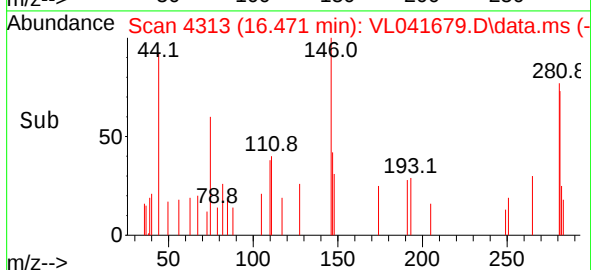
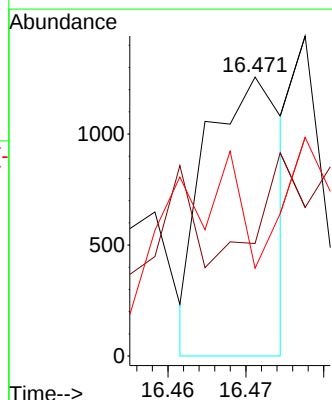
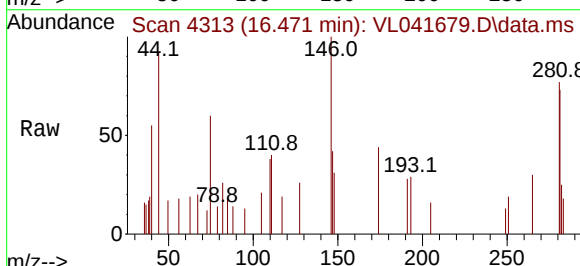
Tgt Ion:146 Resp: 857

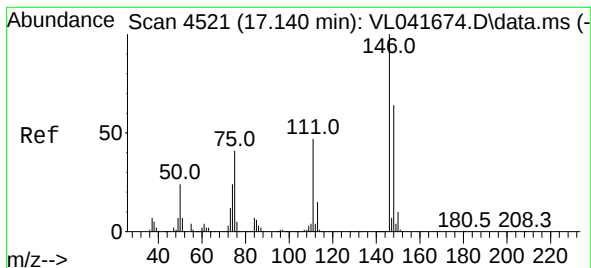
Ion Ratio Lower Upper

146 100

111 0.0 22.1 66.3#

148 0.0 33.3 99.8#





#77

1,2-Dichlorobenzene

Concen: 0.002 ppbv

RT: 17.137 min Scan# 4520

Delta R.T. -0.003 min

Lab File: VL041679.D

Acq: 7 Nov 2024 13:31

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.03

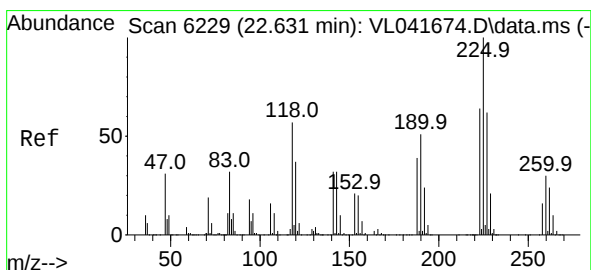
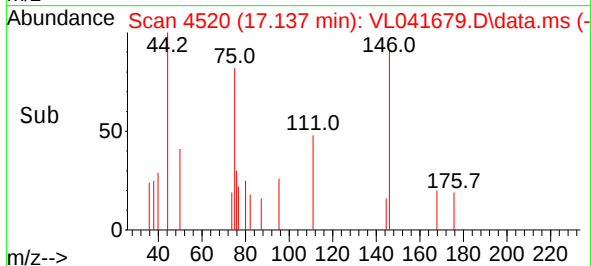
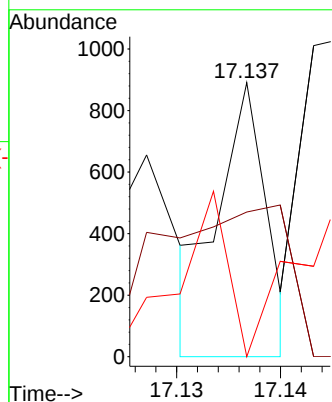
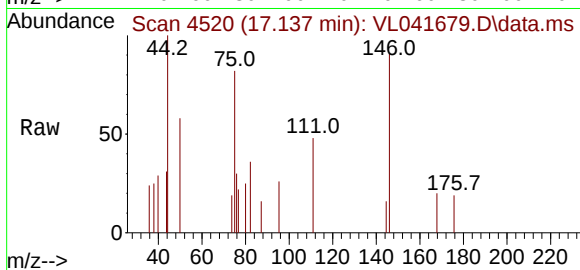
Tgt Ion:146 Resp: 285

Ion Ratio Lower Upper

146 100

111 0.0 23.4 70.3#

148 0.0 32.1 96.5#



#78

Hexachloro-1,3-Butadiene

Concen: 0.017 ppbv

RT: 22.635 min Scan# 6230

Delta R.T. 0.003 min

Lab File: VL041679.D

Acq: 7 Nov 2024 13:31

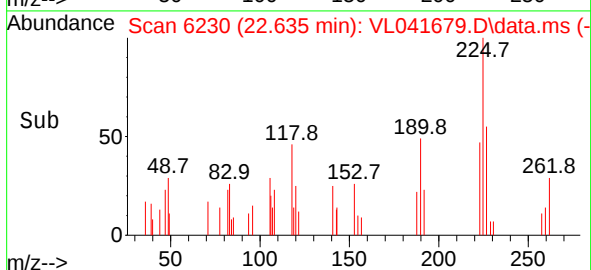
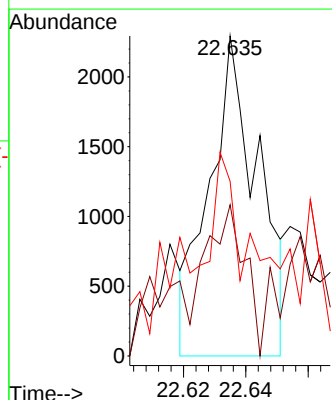
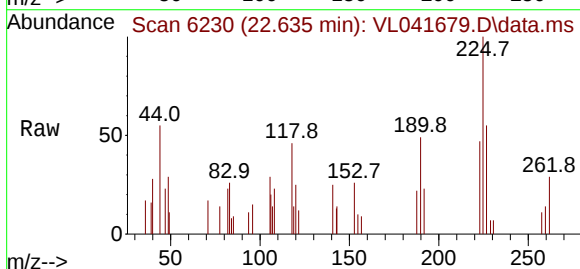
Tgt Ion:225 Resp: 2496

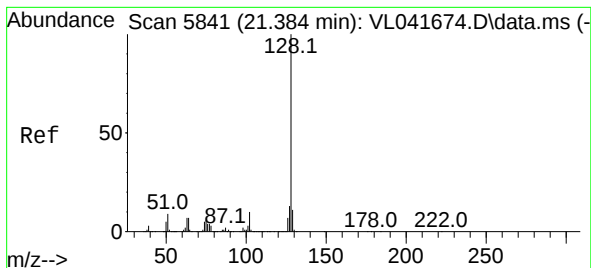
Ion Ratio Lower Upper

225 100

223 58.3 51.1 76.7

227 125.1 51.3 76.9#





#79

Naphthalene

Concen: 0.000 ppbv

RT: 21.381 min Scan# 51

Delta R.T. -0.003 min

Lab File: VL041679.D

Acq: 7 Nov 2024 13:31

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.03

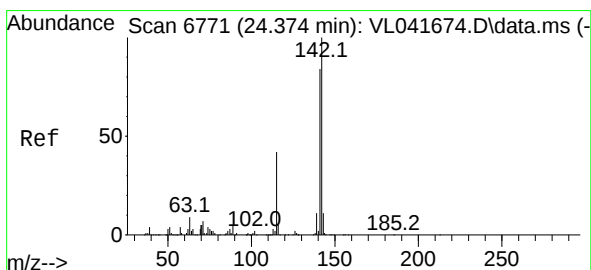
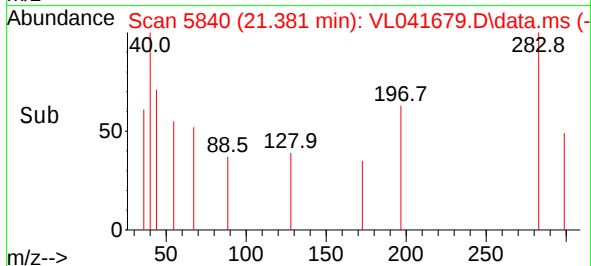
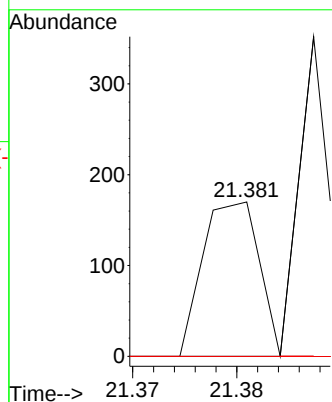
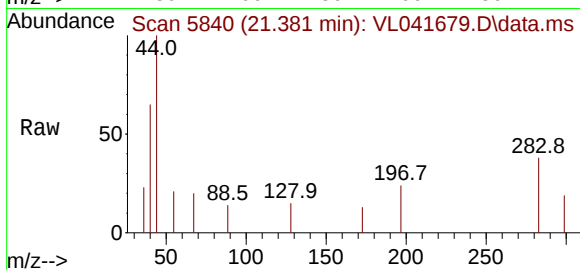
Tgt Ion:128 Resp: 64

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: 24.561 min Scan# 6829

Delta R.T. 0.187 min

Lab File: VL041679.D

Acq: 7 Nov 2024 13:31

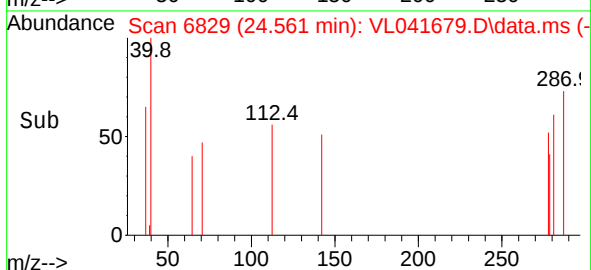
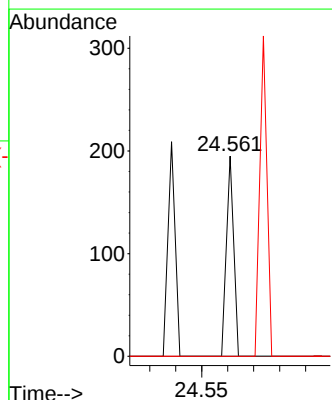
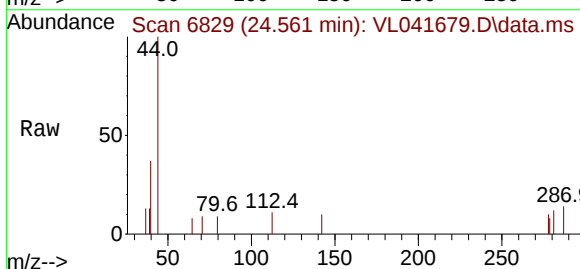
Tgt Ion:142 Resp: 38

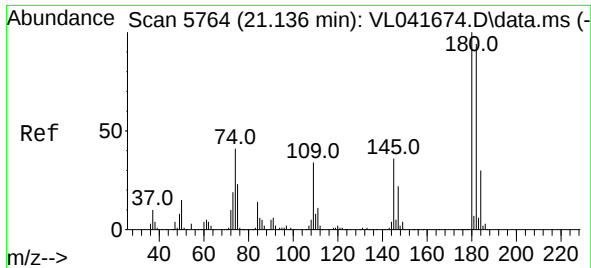
Ion Ratio Lower Upper

142 100

141 0.0 68.1 102.1#

115 78.9 33.1 49.7#





#81

1,2,4-Trichlorobenzene

Concen: 0.002 ppbv

RT: 21.140 min Scan# 51

Delta R.T. 0.003 min

Lab File: VL041679.D

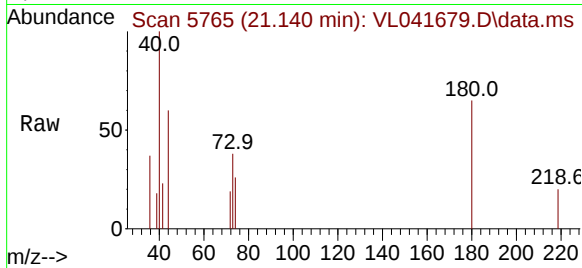
Acq: 7 Nov 2024 13:31

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.03



Tgt Ion:180 Resp: 259

Ion Ratio Lower Upper

180 100

182 393.8 78.2 117.2#

184 0.0 25.0 37.4#

