

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091624\
 Data File : VL041598.D
 Acq On : 16 Sep 2024 17:20
 Operator : SY/MD
 Sample : VSTDICC015
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC015

Quant Time: Sep 17 09:14:19 2024
 Quant Title :
 QLast Update : Tue Sep 17 09:12:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.176	49	1175483	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.639	114	3256634	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.449	117	3327610m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.757 95 2332788 9.110 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 91.100%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.719	85	1900049	9.396	ppbv	100
3) Chlorodifluoromethane	2.664	51	1860879	13.298	ppbv	99
4) Chloromethane	2.803	50	1044613m	14.035	ppbv	
5) Vinyl Chloride	2.909	62	1021949	13.930	ppbv	99
6) Bromomethane	3.105	94	462431	12.264	ppbv	99
7) Chloroethane	3.185	64	360774	14.249	ppbv	98
8) Dichlorotetrafluoroethane	2.845	85	2287936	12.769	ppbv	99
9) Propene	2.684	41	862437	13.416	ppbv	100
10) Heptane	7.561	43	2181339	15.103	ppbv	100
11) Trichlorofluoromethane	3.549	101	2384942	13.280	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.050	101	1737916	13.439	ppbv	99
13) Ethanol	3.234	45	32379m	5.636	ppbv	
14) Bromoethene	3.353	108	722975	14.340	ppbv	100
15) Acetone	3.452	43	1746071	13.073	ppbv	99
16) 1,3-Butadiene	2.973	39	997661	13.981	ppbv	99
17) tert-Butyl alcohol	3.861	59	1826662	14.996	ppbv	99
18) 1,1-Dichloroethene	3.864	96	783989	14.172	ppbv	98
19) Isopropyl Alcohol	3.562	45	998621	12.789	ppbv	100
20) Methylene Chloride	3.918	84	642783	12.906	ppbv	93
21) Allyl Chloride	3.979	41	1225956	13.997	ppbv	99
22) trans-1,2-Dichloroethene	4.430	96	781882	14.136	ppbv	99
23) Vinyl Acetate	4.610	43	1212589	11.888	ppbv #	98
24) 1,1-Dichloroethane	4.549	63	1656513	13.792	ppbv	99
25) Ethyl Acetate	5.185	43	3850317	14.511	ppbv	99
26) Hexane	5.195	57	1577948	14.336	ppbv	99
27) Carbon Disulfide	4.108	76	1898447	14.743	ppbv	99
28) Methyl tert-Butyl Ether	4.568	73	934921	13.469	ppbv	100
29) Chloroform	5.259	83	2472134	13.770	ppbv	98
30) Cyclohexane	6.584	84	1384242	15.443	ppbv	96
31) cis-1,2-Dichloroethene	5.063	61	1572482	14.462	ppbv	99
32) 1,1,1-Trichloroethane	5.986	97	2449235	14.015	ppbv	99
34) 2-Butanone	4.767	43	2226315	14.132	ppbv	99
35) Carbon Tetrachloride	6.478	117	2562607	14.267	ppbv	99
36) Benzene	6.352	78	3400759	14.291	ppbv	98
37) 1,2-Dichloroethane	5.790	62	1894411	14.224	ppbv	99
38) Trichloroethene	7.272	130	1777141	16.301	ppbv	97
39) 1,2-Dichloropropane	7.057	63	1318620	14.474	ppbv	99
40) 1,4-Dioxane	7.266	88	453503	12.392	ppbv #	47
41) Tetrahydrofuran	5.536	42	1391996	15.449	ppbv	100
42) Bromodichloromethane	7.233	83	2707351	14.078	ppbv	97
43) Methyl Methacrylate	7.455	69	1368120	16.033	ppbv	98
44) 2,2,4-Trimethylpentane	7.307	57	5619291	14.138	ppbv	99
45) t-1,3-Dichloropropene	8.693	75	1264444	16.099	ppbv	100
46) cis-1,3-Dichloropropene	8.124	75	1733083	15.281	ppbv	100

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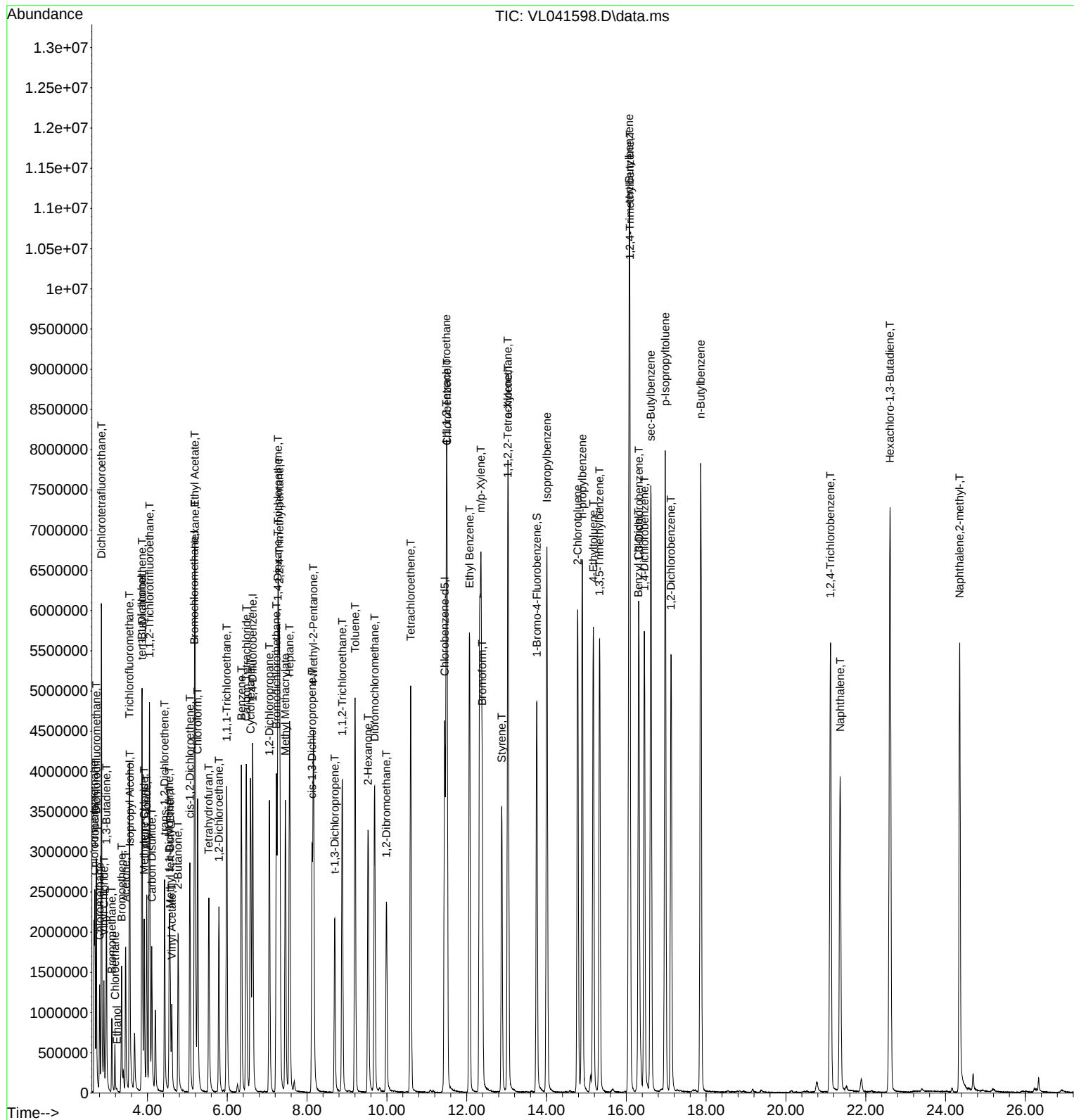
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) 1,1,2-Trichloroethane	8.880	97	1416240	14.103	ppbv	97
48) Dibromochloromethane	9.693	129	2380715	14.716	ppbv	99
49) Bromoform	12.388	173	2103505	15.393	ppbv	100
50) 4-Methyl-2-Pentanone	8.159	43	3768387	15.162	ppbv	99
51) 2-Hexanone	9.529	43	3039864	16.175	ppbv	98
52) Tetrachloroethene	10.597	164	1298509	14.122	ppbv	99
53) Toluene	9.204	91	3987119	15.042	ppbv	99
54) 1,2-Dibromoethane	9.989	107	1951435	14.599	ppbv	100
56) 1,1,1,2-Tetrachloroethane	11.490	131	1724113	13.360	ppbv #	92
57) Chlorobenzene	11.507	112	3100633	13.087	ppbv	98
58) Ethyl Benzene	12.069	91	5323752	13.880	ppbv	100
59) m/p-Xylene	12.352	91	9021854m	27.249	ppbv	
60) o-Xylene	13.037	91	4380559	13.986	ppbv	99
61) Styrene	12.879	104	2207148	15.620	ppbv	100
62) Isopropylbenzene	14.011	105	6290796	13.212	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.027	83	2059305	10.412	ppbv	99
64) n-propylbenzene	14.899	120	1733510	13.926	ppbv	94
65) tert-Butylbenzene	16.072	119	5661694	13.165	ppbv	99
66) Benzyl Chloride	16.304	91	343877	12.466	ppbv	97
67) sec-Butylbenzene	16.616	105	7844186	13.238	ppbv	98
69) p-Isopropyltoluene	16.976	119	6613794	13.451	ppbv	99
70) n-Butylbenzene	17.863	91	6825900	13.542	ppbv	99
71) 2-Chlorotoluene	14.780	91	4774971	13.599	ppbv	99
72) 4-Ethyltoluene	15.172	105	5251979	14.243	ppbv	98
73) 1,3,5-Trimethylbenzene	15.330	105	4527850	14.254	ppbv	98
74) 1,2,4-Trimethylbenzene	16.088	105	4937113	13.368	ppbv	98
75) 1,3-Dichlorobenzene	16.313	146	3113298	13.410	ppbv	99
76) 1,4-Dichlorobenzene	16.455	146	3063921	13.630	ppbv	99
77) 1,2-Dichlorobenzene	17.120	146	3015374	13.102	ppbv	100
78) Hexachloro-1,3-Butadiene	22.609	225	2302119	11.730	ppbv	99
79) Naphthalene	21.358	128	4916804	15.084	ppbv	99
80) Naphthalene,2-methyl-	24.355	142	3899900	14.273	ppbv	99
81) 1,2,4-Trichlorobenzene	21.117	180	2616194	13.487	ppbv	99

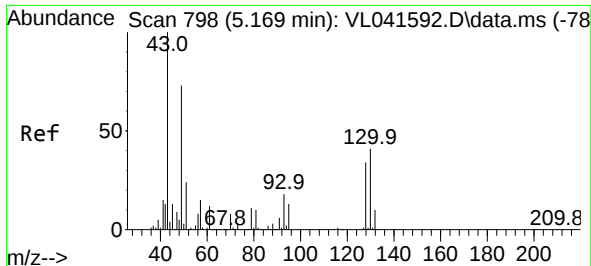
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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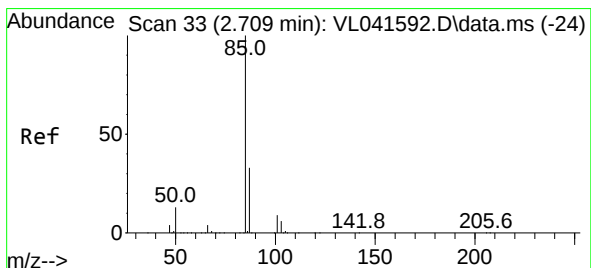
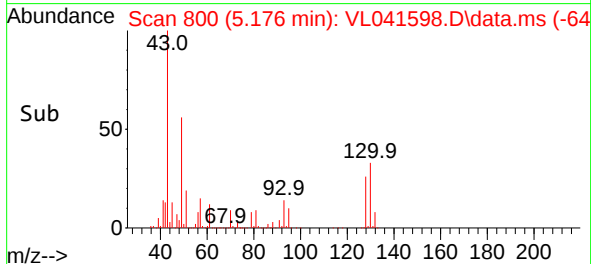
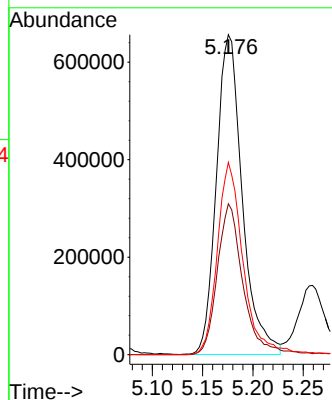
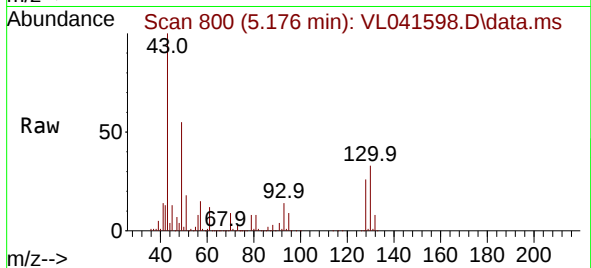




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.176 min Scan# 80
Delta R.T. 0.007 min
Lab File: VL041598.D
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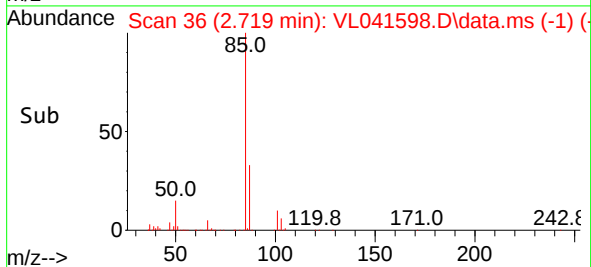
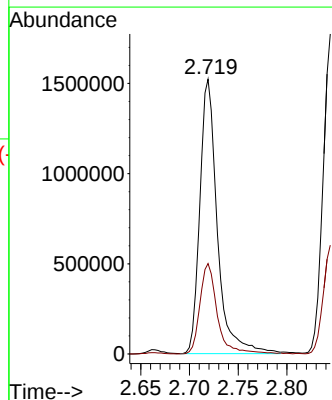
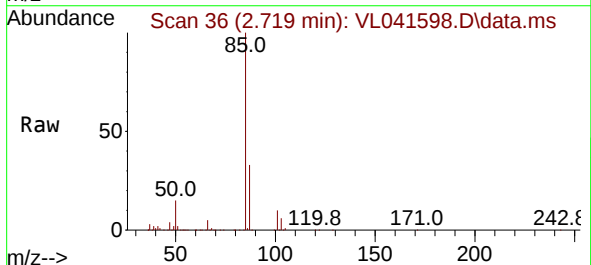
Instrument :
MSVOA_L
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VSTDICC015

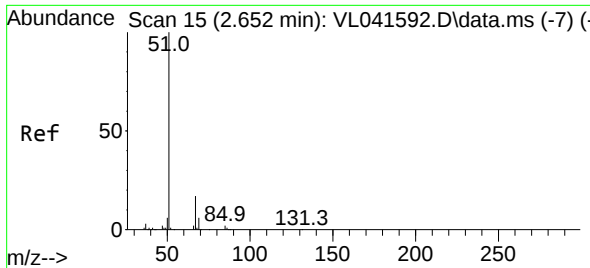
Tgt Ion: 49 Resp: 1175483
Ion Ratio Lower Upper
49 100
128 47.6 23.5 70.6
130 60.9 30.4 91.2



#2
Dichlorodifluoromethane
Concen: 9.396 ppbv
RT: 2.719 min Scan# 36
Delta R.T. 0.010 min
Lab File: VL041598.D
Acq: 16 Sep 2024 17:20

Tgt Ion: 85 Resp: 1900049
Ion Ratio Lower Upper
85 100
87 32.9 26.3 39.5

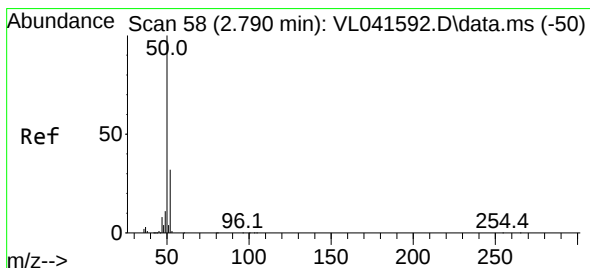
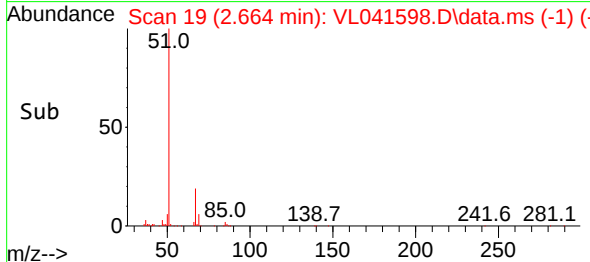
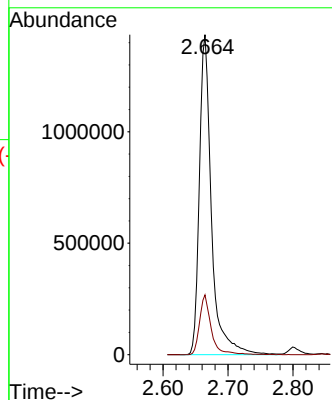
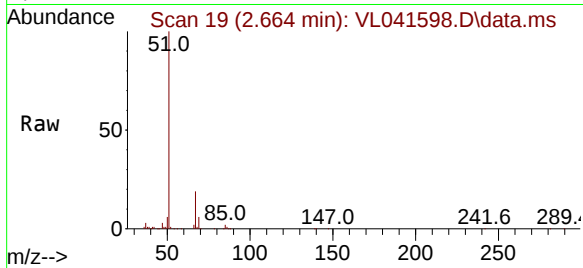




#3
Chlorodifluoromethane
Concen: 13.298 ppbv
RT: 2.664 min Scan# 19
Delta R.T. 0.013 min
Lab File: VL041598.D
Acq: 16 Sep 2024 17:20

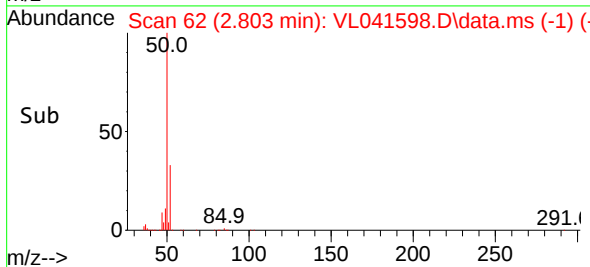
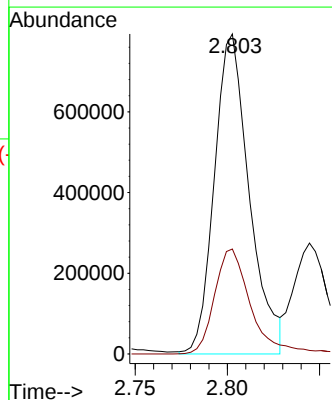
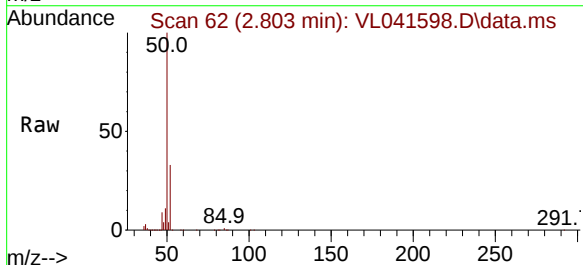
Instrument :
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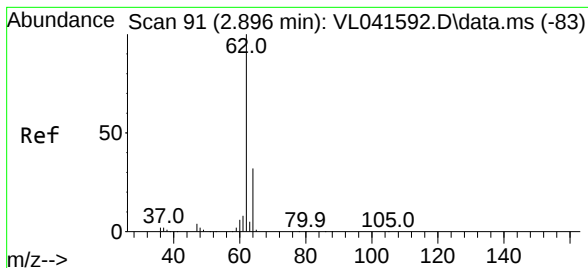
Tgt Ion: 51 Resp: 1860879
Ion Ratio Lower Upper
51 100
67 18.0 14.1 21.1



#4
Chloromethane
Concen: 14.035 ppbv m
RT: 2.803 min Scan# 62
Delta R.T. -0.032 min
Lab File: VL041598.D
Acq: 16 Sep 2024 17:20

Tgt Ion: 50 Resp: 1044613
Ion Ratio Lower Upper
50 100
52 32.8 2.2 3.2#

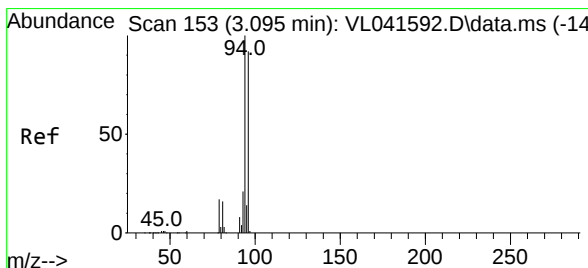
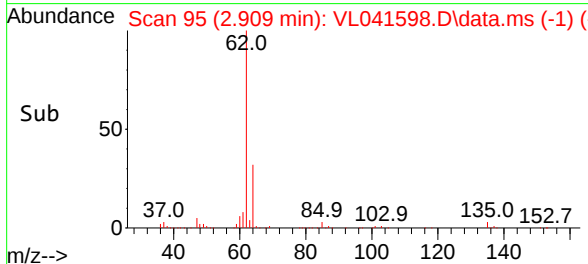
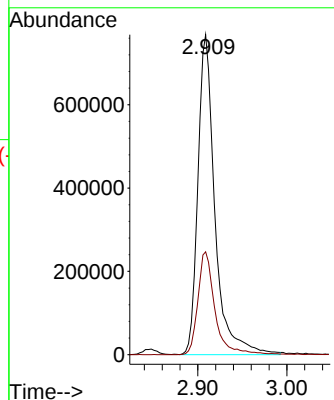
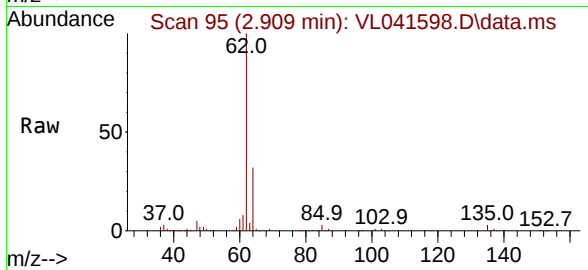




#5
 Vinyl Chloride
 Concen: 13.930 ppbv
 RT: 2.909 min Scan# 91
 Delta R.T. 0.013 min
 Lab File: VL041598.D
 Acq: 16 Sep 2024 17:20

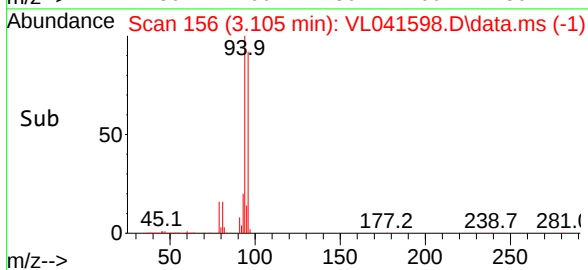
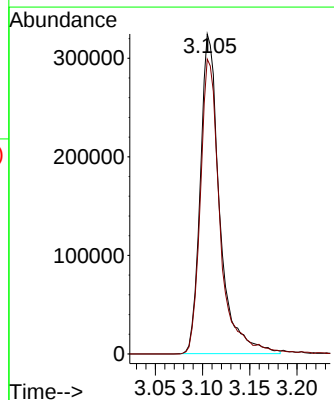
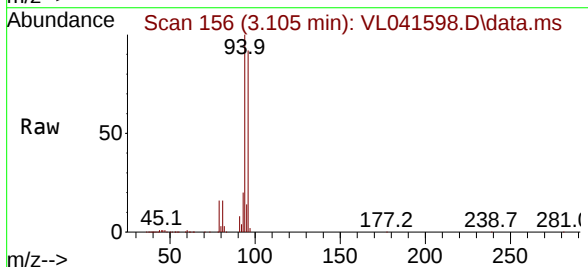
Instrument :
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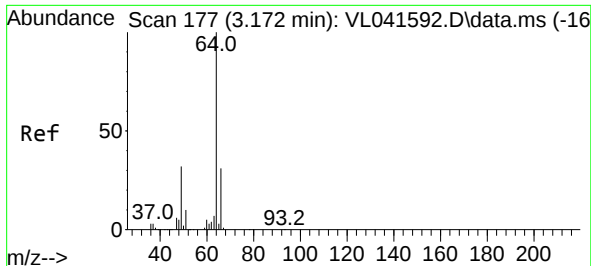
Tgt Ion: 62 Resp: 1021949
 Ion Ratio Lower Upper
 62 100
 64 32.1 26.0 39.0



#6
 Bromomethane
 Concen: 12.264 ppbv
 RT: 3.105 min Scan# 156
 Delta R.T. 0.010 min
 Lab File: VL041598.D
 Acq: 16 Sep 2024 17:20

Tgt Ion: 94 Resp: 462431
 Ion Ratio Lower Upper
 94 100
 96 92.3 73.4 110.2

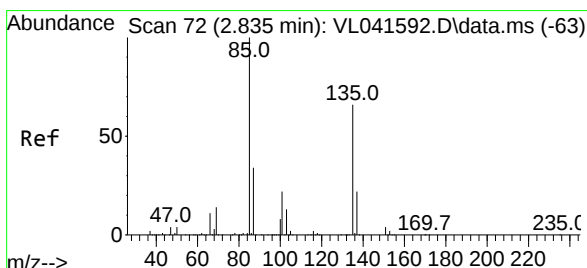
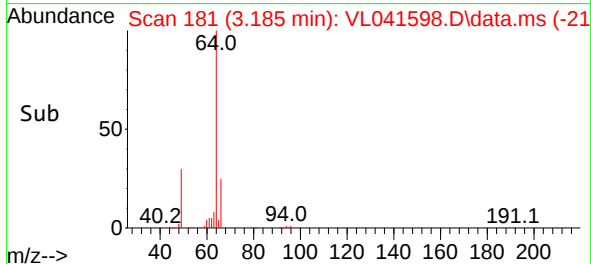
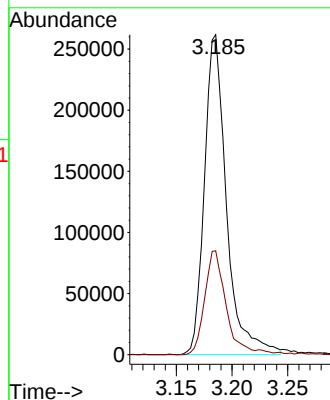
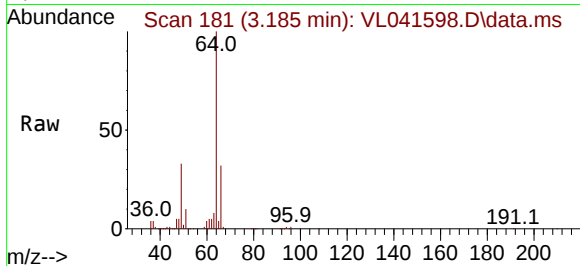




#7
Chloroethane
Concen: 14.249 ppbv
RT: 3.185 min Scan# 11
Delta R.T. 0.013 min
Lab File: VL041598.D
Acq: 16 Sep 2024 17:20

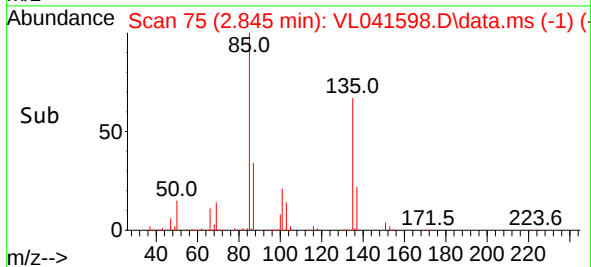
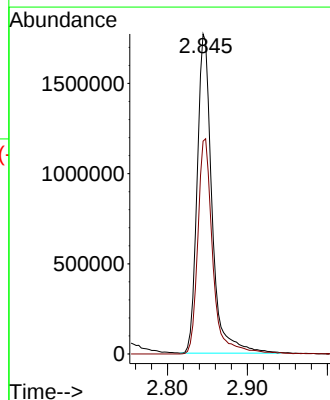
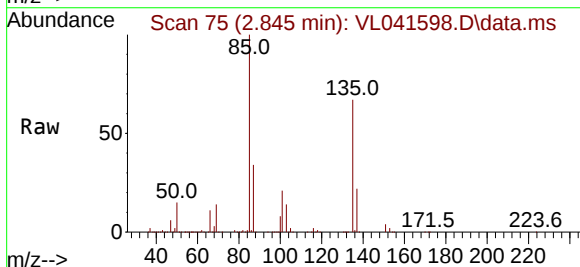
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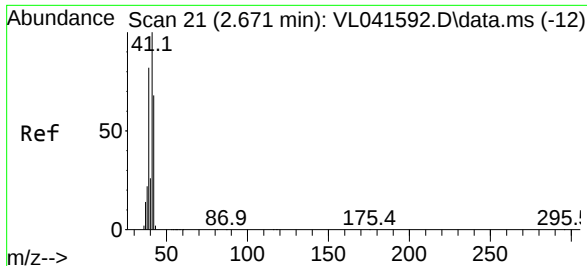
Tgt Ion: 64 Resp: 360774
Ion Ratio Lower Upper
64 100
66 32.4 25.1 37.7



#8
Dichlorotetrafluoroethane
Concen: 12.769 ppbv
RT: 2.845 min Scan# 75
Delta R.T. 0.010 min
Lab File: VL041598.D
Acq: 16 Sep 2024 17:20

Tgt Ion: 85 Resp: 2287936
Ion Ratio Lower Upper
85 100
135 68.5 53.9 80.9





#9

Propene

Concen: 13.416 ppbv

RT: 2.684 min Scan# 21

Delta R.T. 0.013 min

Lab File: VL041598.D

Acq: 16 Sep 2024 17:20

Instrument :

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ClientSampleId :

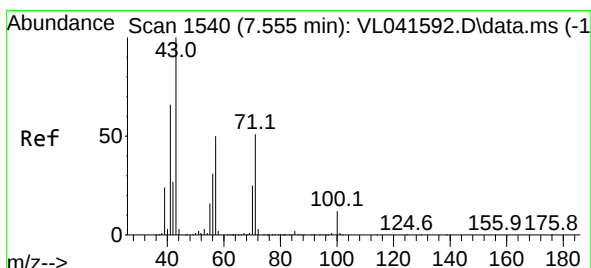
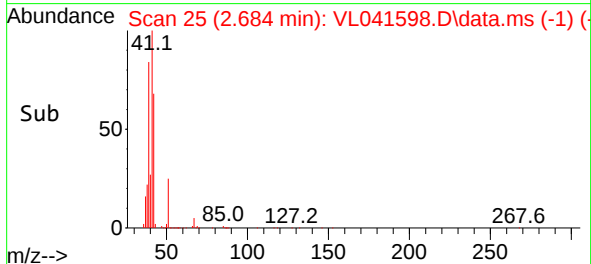
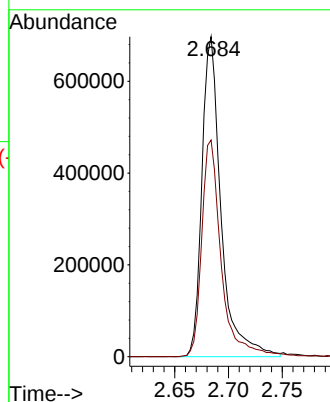
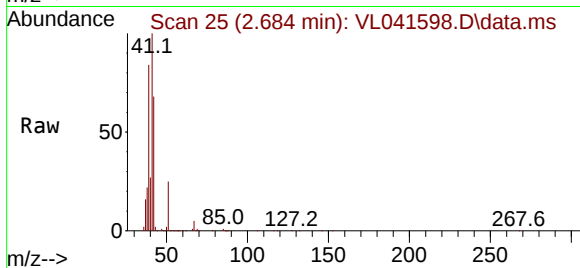
VSTDIC015

Tgt Ion: 41 Resp: 862437

Ion Ratio Lower Upper

41 100

42 69.4 55.2 82.8



#10

Heptane

Concen: 15.103 ppbv

RT: 7.561 min Scan# 1542

Delta R.T. 0.006 min

Lab File: VL041598.D

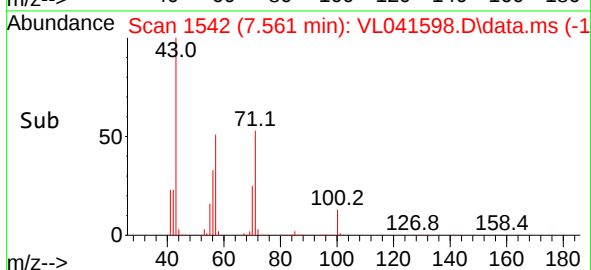
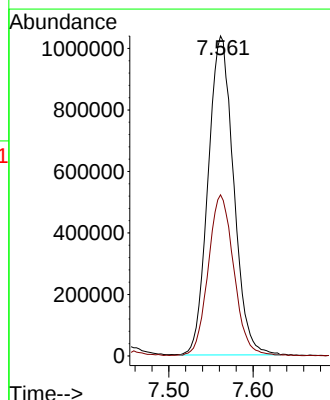
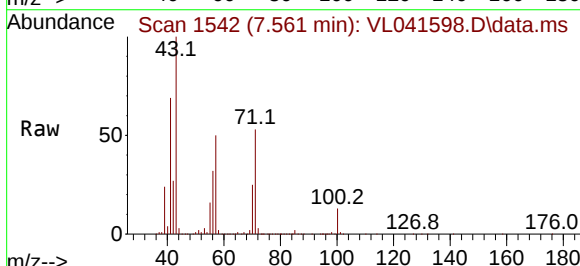
Acq: 16 Sep 2024 17:20

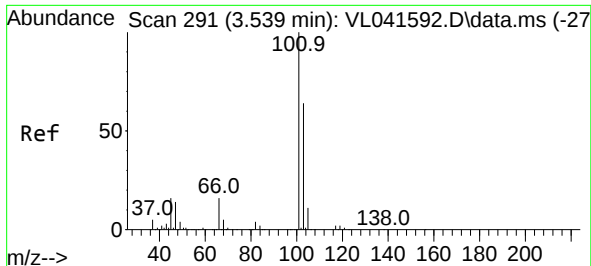
Tgt Ion: 43 Resp: 2181339

Ion Ratio Lower Upper

43 100

57 50.7 40.3 60.5

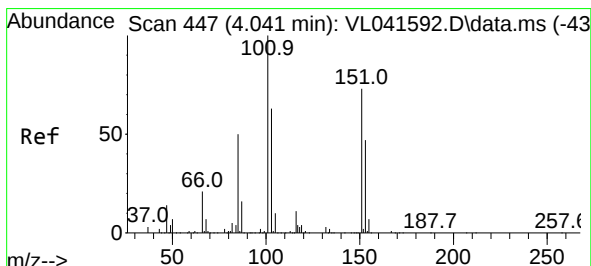
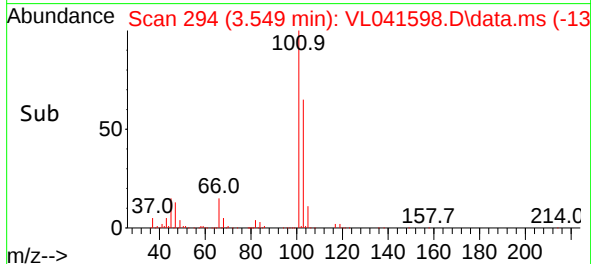
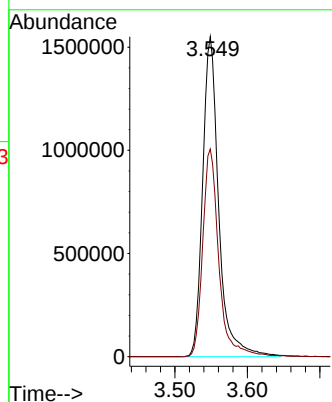
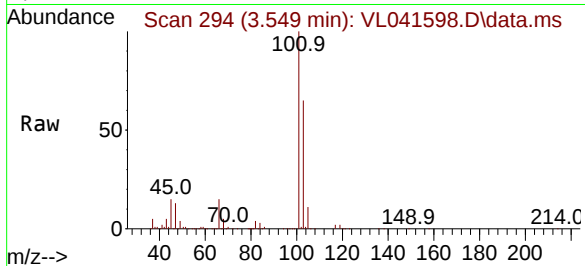




#11
 Trichlorofluoromethane
 Concen: 13.280 ppbv
 RT: 3.549 min Scan# 291
 Delta R.T. 0.010 min
 Lab File: VL041598.D
 Acq: 16 Sep 2024 17:20

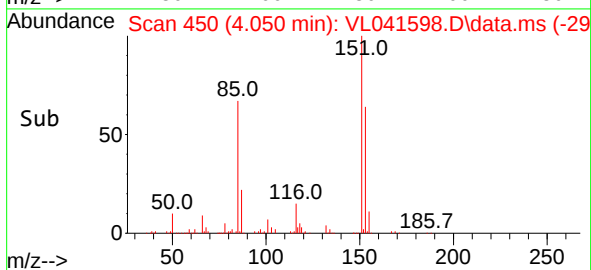
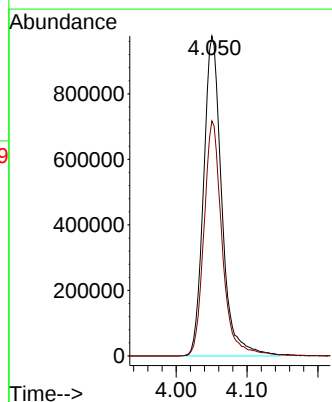
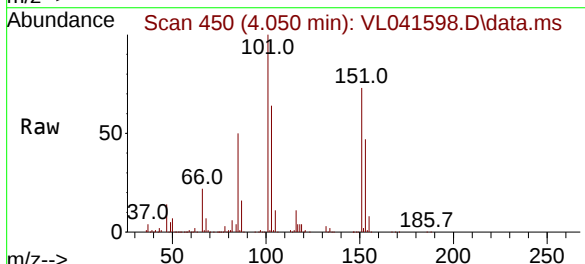
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

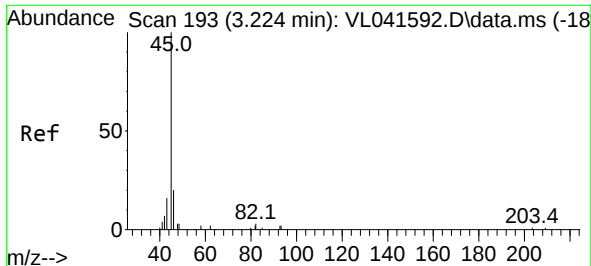
Tgt Ion:101 Resp: 2384942
 Ion Ratio Lower Upper
 101 100
 103 64.9 51.2 76.8



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 13.439 ppbv
 RT: 4.050 min Scan# 450
 Delta R.T. 0.010 min
 Lab File: VL041598.D
 Acq: 16 Sep 2024 17:20

Tgt Ion:101 Resp: 1737916
 Ion Ratio Lower Upper
 101 100
 151 73.7 59.5 89.3

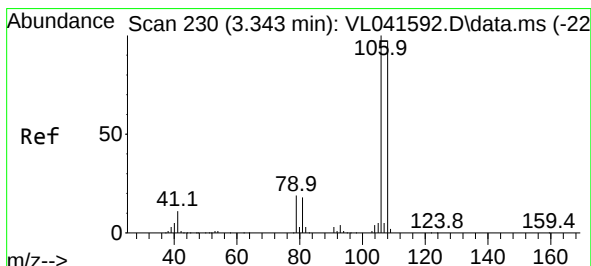
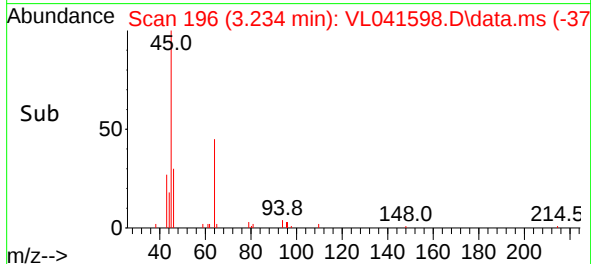
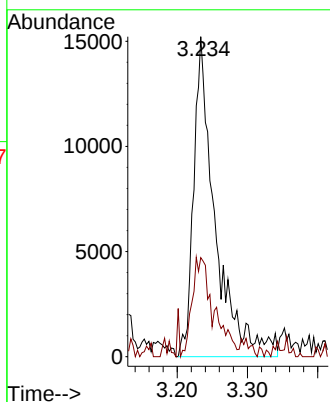
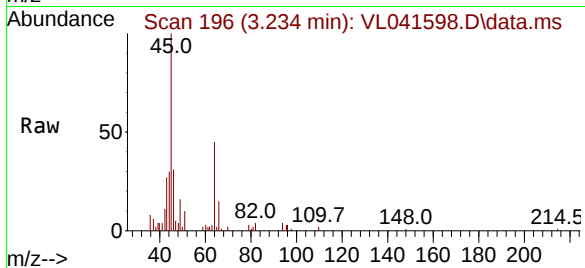




#13
Ethanol
Concen: 5.636 ppbv m
RT: 3.234 min Scan# 193
Delta R.T. 0.010 min
Lab File: VL041598.D
Acq: 16 Sep 2024 17:20

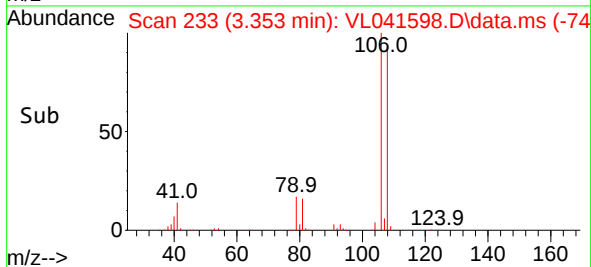
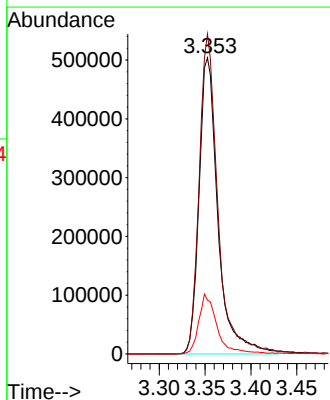
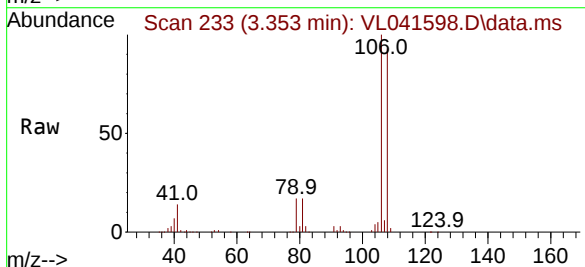
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

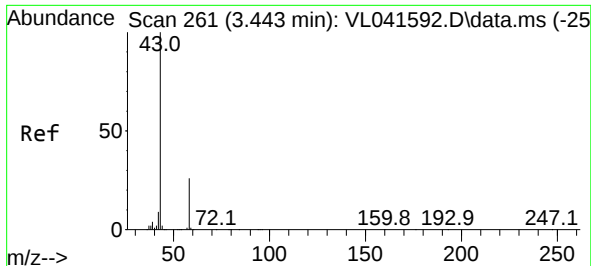
Tgt Ion: 45 Resp: 32379
Ion Ratio Lower Upper
45 100
46 34.6 13.6 54.6



#14
Bromoethene
Concen: 14.340 ppbv
RT: 3.353 min Scan# 233
Delta R.T. 0.010 min
Lab File: VL041598.D
Acq: 16 Sep 2024 17:20

Tgt Ion: 108 Resp: 722975
Ion Ratio Lower Upper
108 100
106 107.6 86.5 129.7
79 20.1 16.2 24.4

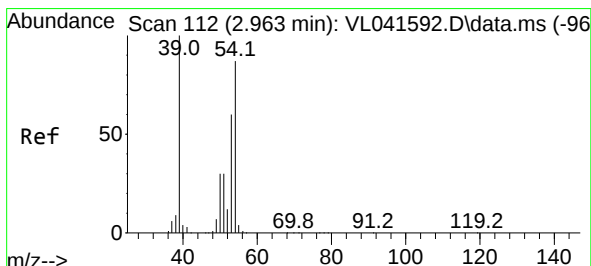
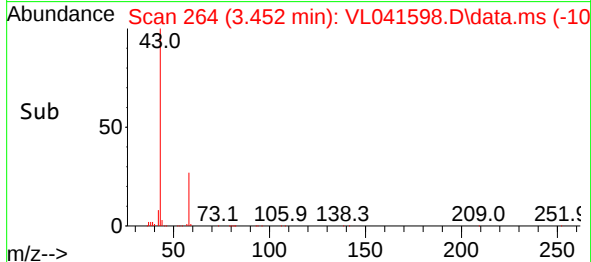
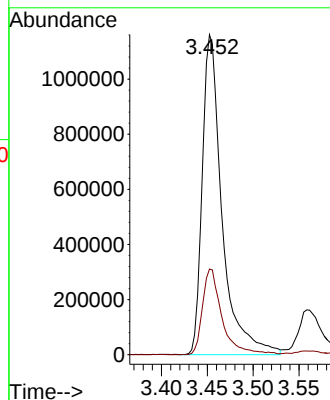
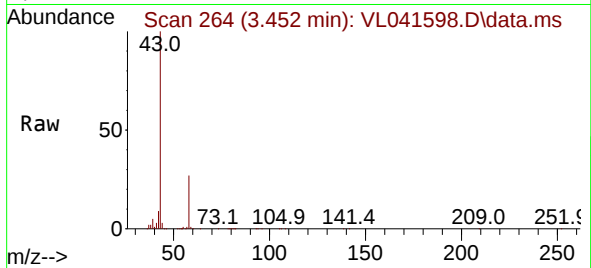




#15
Acetone
Concen: 13.073 ppbv
RT: 3.452 min Scan# 20
Delta R.T. 0.010 min
Lab File: VL041598.D
Acq: 16 Sep 2024 17:20

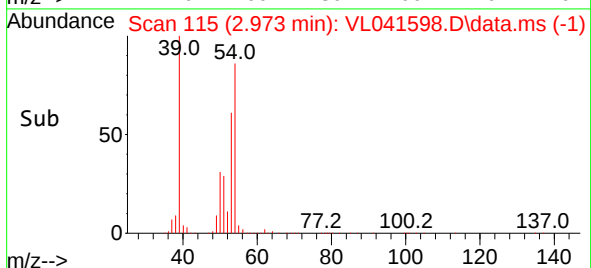
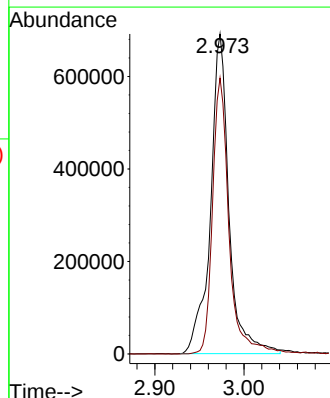
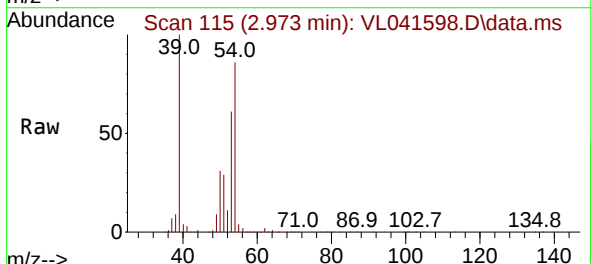
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

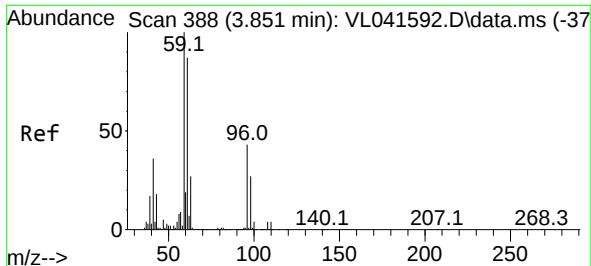
Tgt Ion: 43 Resp: 1746071
Ion Ratio Lower Upper
43 100
58 26.5 21.5 32.3



#16
1,3-Butadiene
Concen: 13.981 ppbv
RT: 2.973 min Scan# 115
Delta R.T. 0.010 min
Lab File: VL041598.D
Acq: 16 Sep 2024 17:20

Tgt Ion: 39 Resp: 997661
Ion Ratio Lower Upper
39 100
54 77.3 62.9 94.3

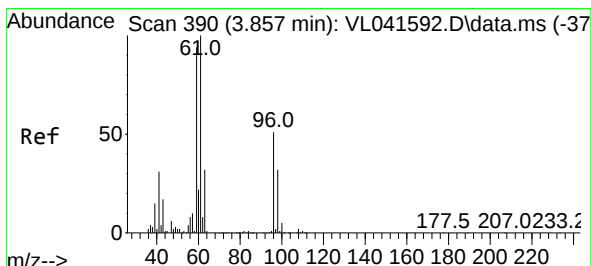
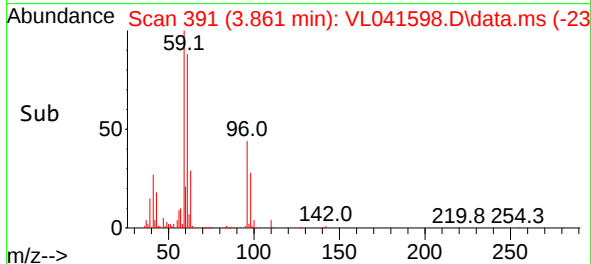
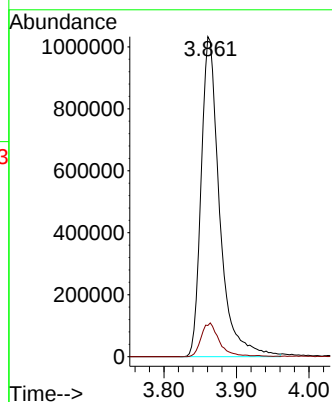
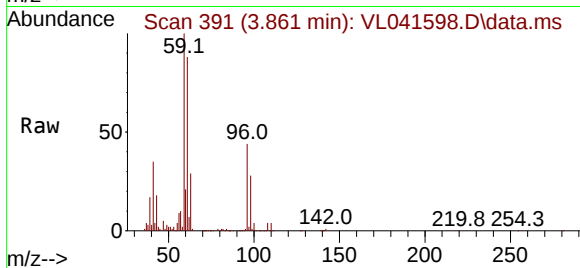




#17
tert-Butyl alcohol
Concen: 14.996 ppbv
RT: 3.861 min Scan# 391
Delta R.T. 0.010 min
Lab File: VL041598.D
Acq: 16 Sep 2024 17:20

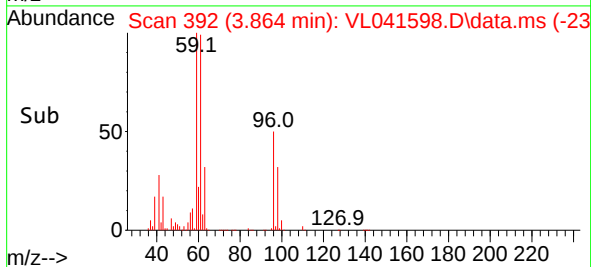
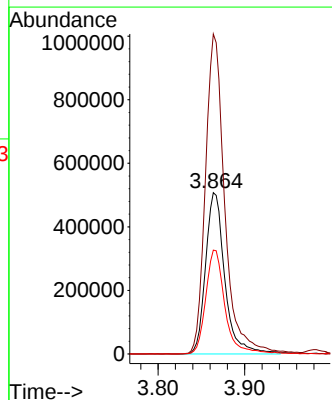
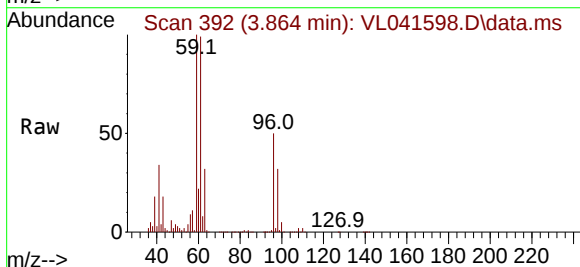
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

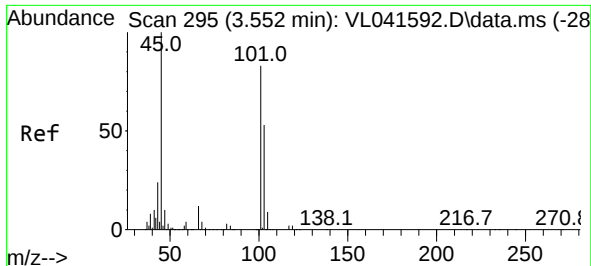
Tgt Ion: 59 Resp: 1826662
Ion Ratio Lower Upper
59 100
57 10.7 8.7 13.1



#18
1,1-Dichloroethene
Concen: 14.172 ppbv
RT: 3.864 min Scan# 392
Delta R.T. 0.006 min
Lab File: VL041598.D
Acq: 16 Sep 2024 17:20

Tgt Ion: 96 Resp: 783989
Ion Ratio Lower Upper
96 100
61 198.4 155.6 233.4
98 64.3 50.6 75.8





#19

Isopropyl Alcohol

Concen: 12.789 ppbv

RT: 3.562 min Scan# 295

Delta R.T. 0.010 min

Lab File: VL041598.D

Acq: 16 Sep 2024 17:20

Instrument :

MSVOA_L

ClientSampleId :

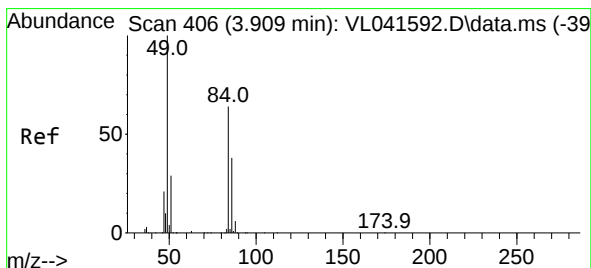
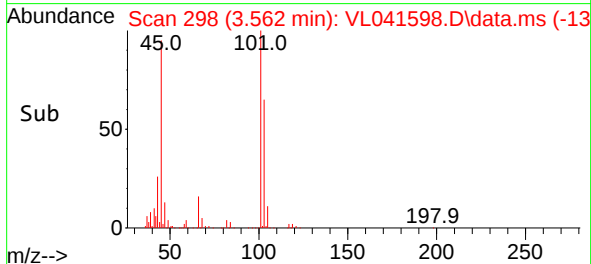
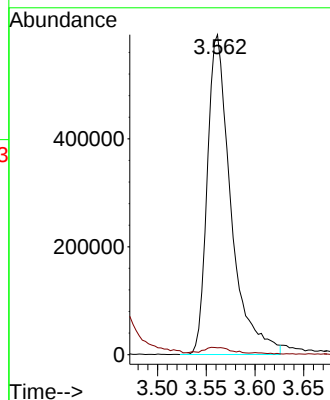
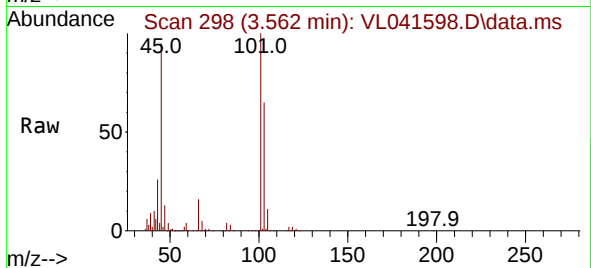
VSTDIC015

Tgt Ion: 45 Resp: 998621

Ion Ratio Lower Upper

45 100

58 3.0 2.4 3.6



#20

Methylene Chloride

Concen: 12.906 ppbv

RT: 3.918 min Scan# 409

Delta R.T. 0.010 min

Lab File: VL041598.D

Acq: 16 Sep 2024 17:20

Tgt Ion: 84 Resp: 642783

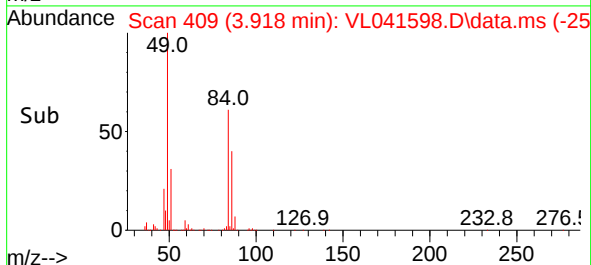
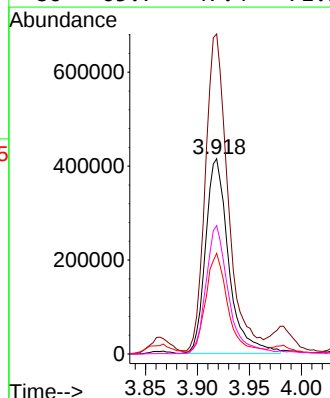
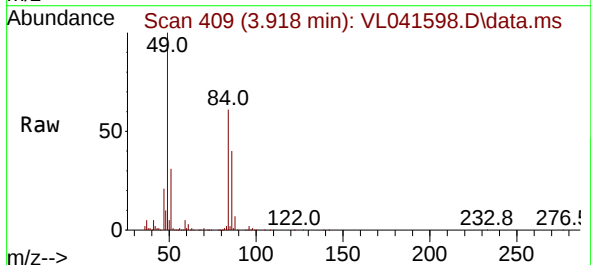
Ion Ratio Lower Upper

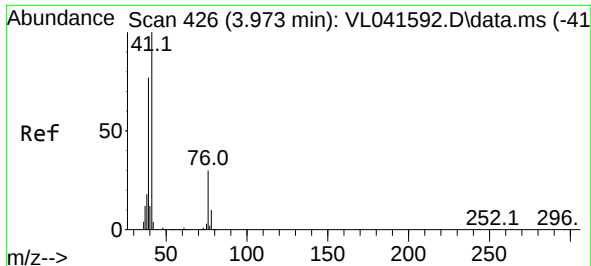
84 100

49 162.7 124.3 186.5

51 50.1 36.3 54.5

86 65.7 47.4 71.2





#21

Allyl Chloride

Concen: 13.997 ppbv

RT: 3.979 min Scan# 41

Delta R.T. 0.006 min

Lab File: VL041598.D

Acq: 16 Sep 2024 17:20

Instrument :

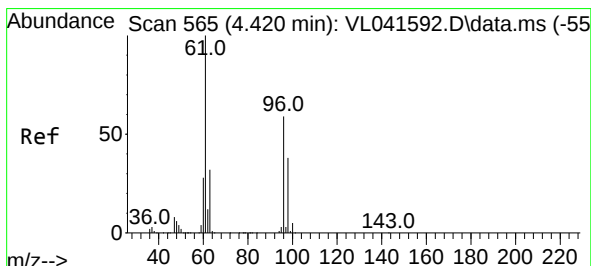
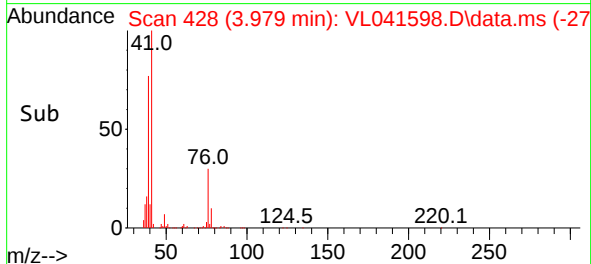
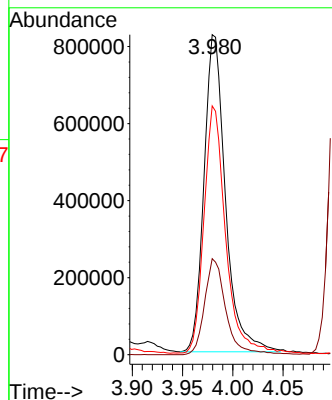
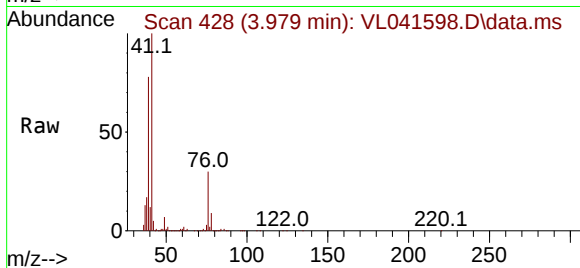
MSVOA_1

ClientSampleId :

VSTDIC015

Tgt Ion: 41 Resp: 1225956

Ion	Ratio	Lower	Upper
41	100		
76	29.9	23.8	35.6
39	79.5	64.2	96.4



#22

trans-1,2-Dichloroethene

Concen: 14.136 ppbv

RT: 4.430 min Scan# 568

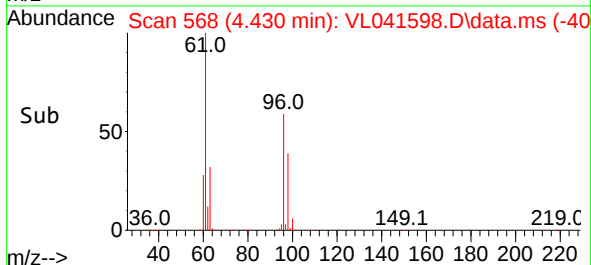
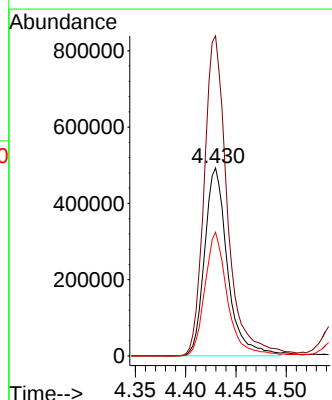
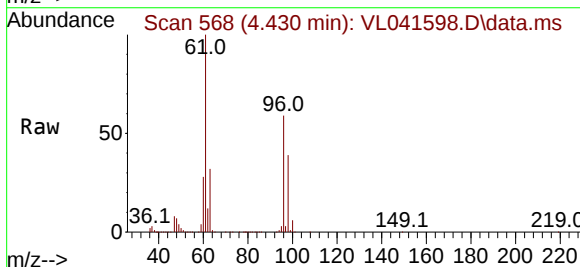
Delta R.T. 0.010 min

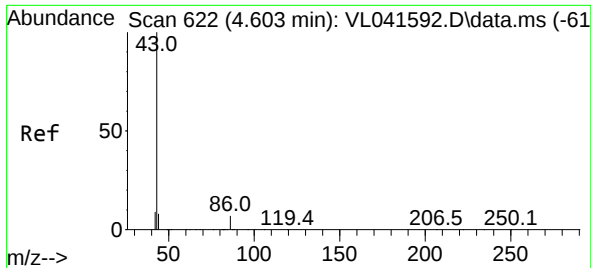
Lab File: VL041598.D

Acq: 16 Sep 2024 17:20

Tgt Ion: 96 Resp: 781882

Ion	Ratio	Lower	Upper
96	100		
61	170.2	135.7	203.5
98	65.7	50.9	76.3

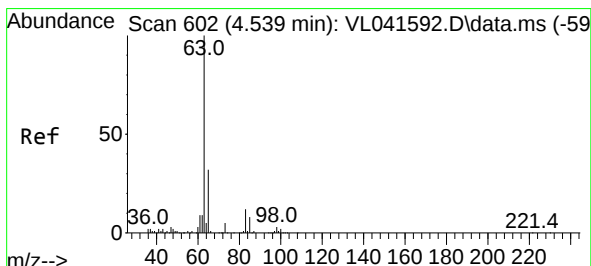
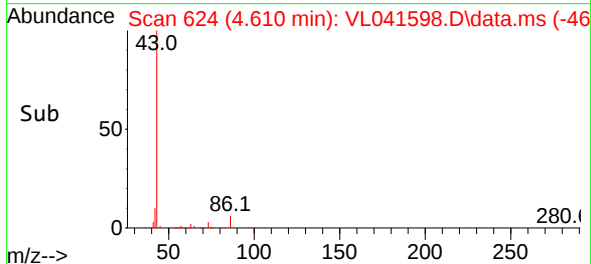
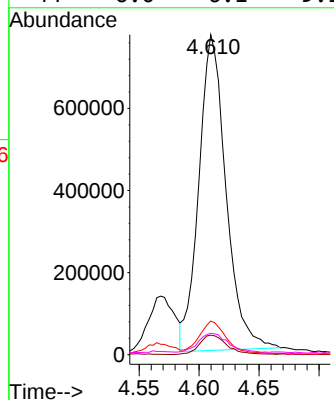
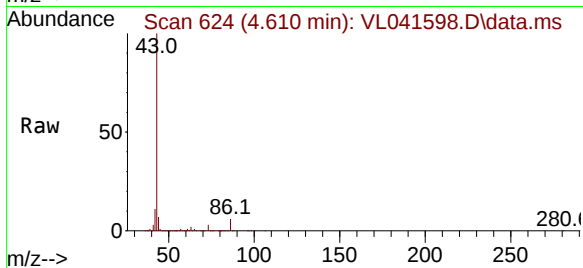




#23
 Vinyl Acetate
 Concen: 11.888 ppbv
 RT: 4.610 min Scan# 61
 Delta R.T. 0.006 min
 Lab File: VL041598.D
 Acq: 16 Sep 2024 17:20

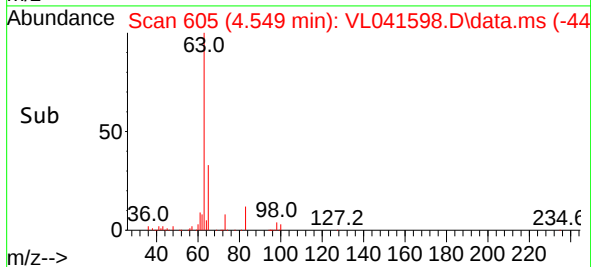
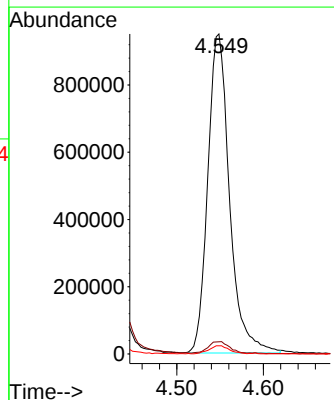
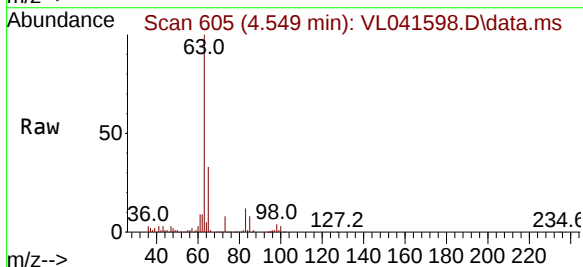
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

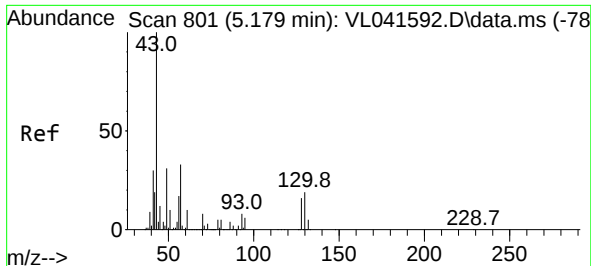
Tgt Ion: 43 Resp: 1212589
 Ion Ratio Lower Upper
 43 100
 86 6.0 4.9 7.3
 42 10.3 8.0 12.0
 44 6.0 6.1 9.1#



#24
 1,1-Dichloroethane
 Concen: 13.792 ppbv
 RT: 4.549 min Scan# 605
 Delta R.T. 0.010 min
 Lab File: VL041598.D
 Acq: 16 Sep 2024 17:20

Tgt Ion: 63 Resp: 1656513
 Ion Ratio Lower Upper
 63 100
 98 3.7 1.7 5.1
 100 2.5 1.1 3.3





#25

Ethyl Acetate

Concen: 14.511 ppbv

RT: 5.185 min Scan# 801

Delta R.T. 0.006 min

Lab File: VL041598.D

Acq: 16 Sep 2024 17:20

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

Tgt Ion: 43 Resp: 3850317

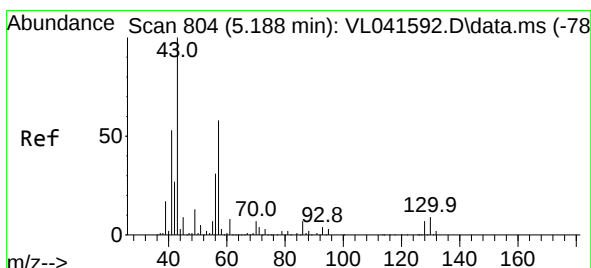
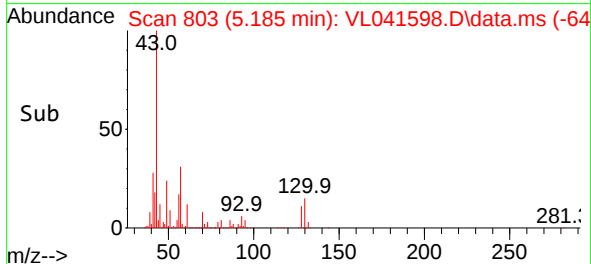
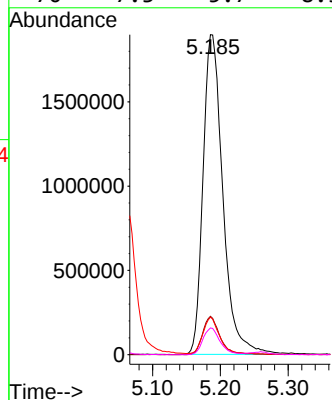
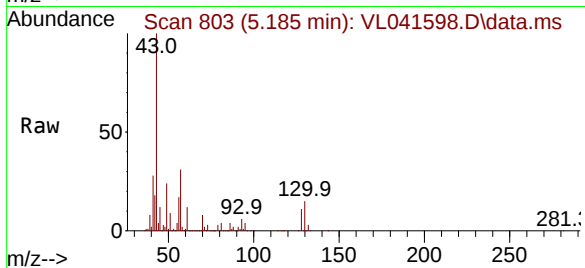
Ion Ratio Lower Upper

43 100

45 10.6 8.2 12.2

61 10.3 8.0 12.0

70 7.3 5.7 8.5



#26

Hexane

Concen: 14.336 ppbv

RT: 5.195 min Scan# 806

Delta R.T. 0.006 min

Lab File: VL041598.D

Acq: 16 Sep 2024 17:20

Tgt Ion: 57 Resp: 1577948

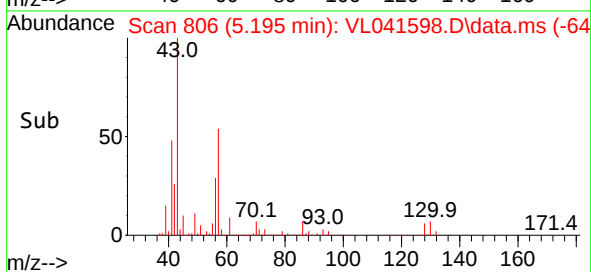
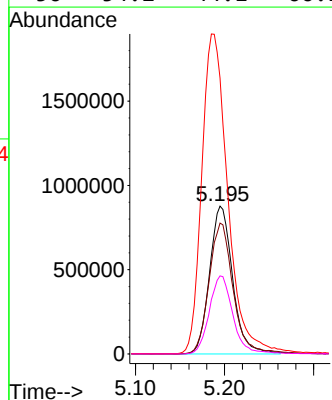
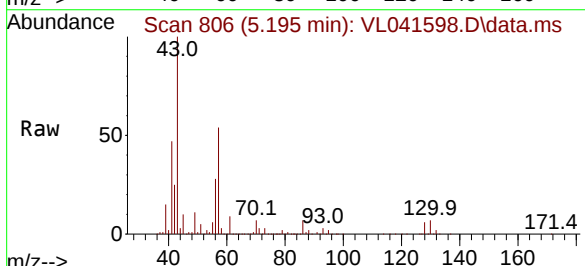
Ion Ratio Lower Upper

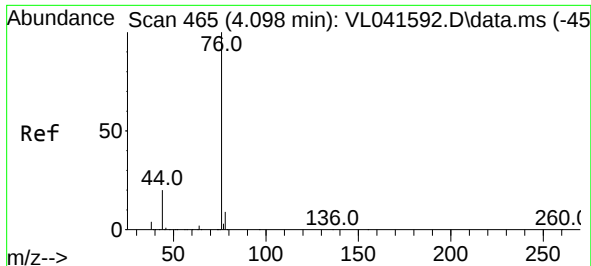
57 100

41 92.9 75.7 113.5

43 245.4 197.3 295.9

56 54.2 44.1 66.1



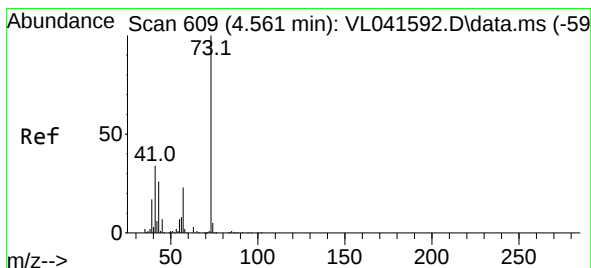
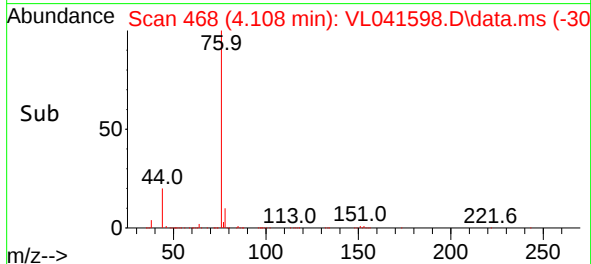
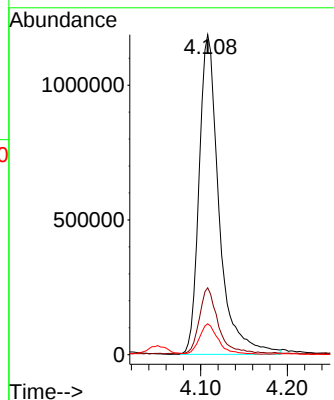
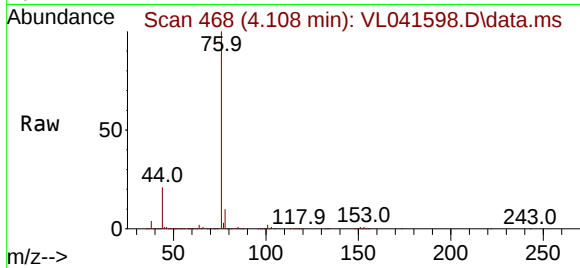


#27
Carbon Disulfide
Concen: 14.743 ppbv
RT: 4.108 min Scan# 411
Delta R.T. 0.010 min
Lab File: VL041598.D
Acq: 16 Sep 2024 17:20

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion: 76 Resp: 1898447

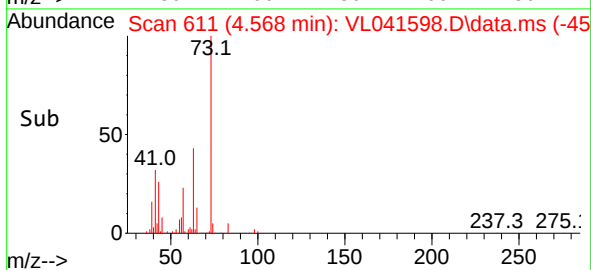
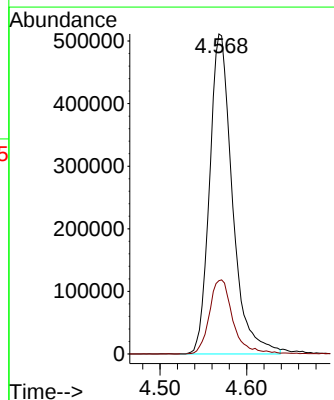
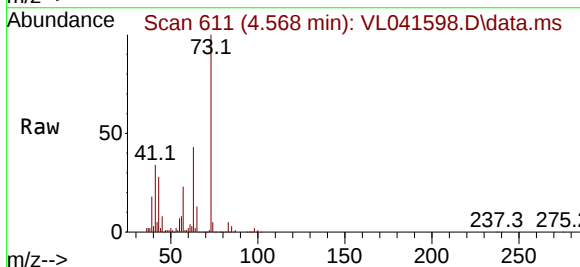
Ion	Ratio	Lower	Upper
76	100		
44	19.9	15.4	23.2
78	9.5	7.4	11.0

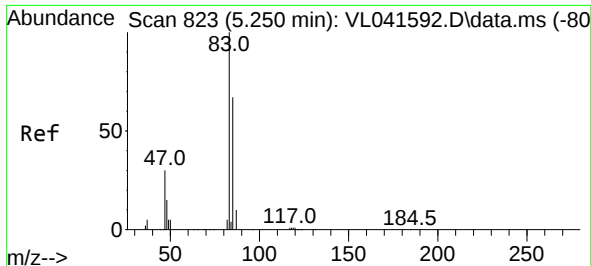


#28
Methyl tert-Butyl Ether
Concen: 13.469 ppbv
RT: 4.568 min Scan# 611
Delta R.T. 0.006 min
Lab File: VL041598.D
Acq: 16 Sep 2024 17:20

Tgt Ion: 73 Resp: 934921

Ion	Ratio	Lower	Upper
73	100		
57	24.2	19.3	28.9





#29

Chloroform

Concen: 13.770 ppbv

RT: 5.259 min Scan# 81

Delta R.T. 0.010 min

Lab File: VL041598.D

Acq: 16 Sep 2024 17:20

Instrument :

MSVOA_L

ClientSampleId :

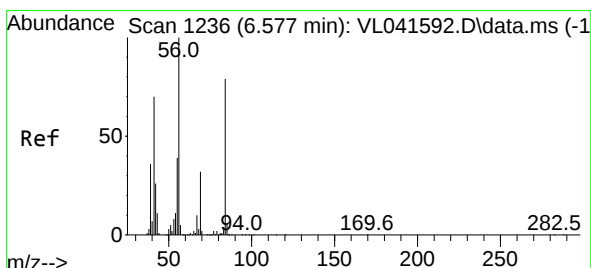
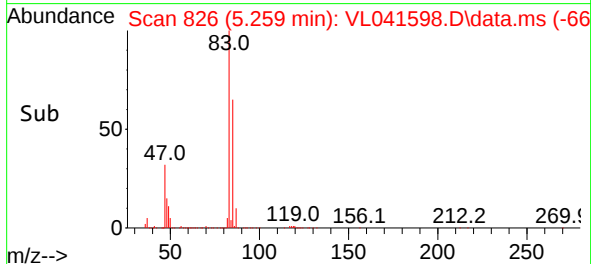
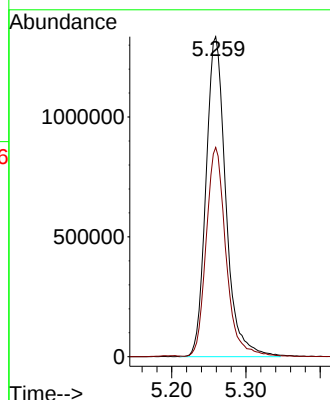
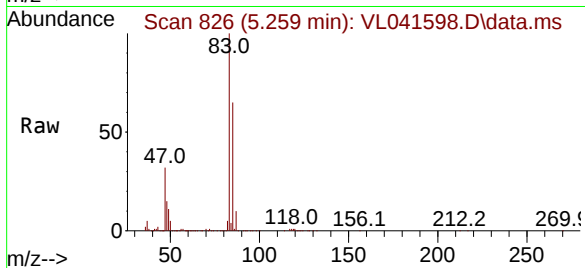
VSTDIC015

Tgt Ion: 83 Resp: 2472134

Ion Ratio Lower Upper

83 100

85 65.2 53.8 80.6



#30

Cyclohexane

Concen: 15.443 ppbv

RT: 6.584 min Scan# 1238

Delta R.T. 0.006 min

Lab File: VL041598.D

Acq: 16 Sep 2024 17:20

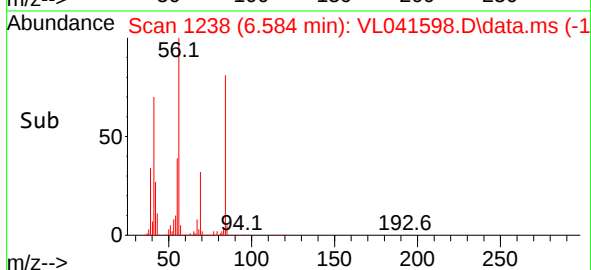
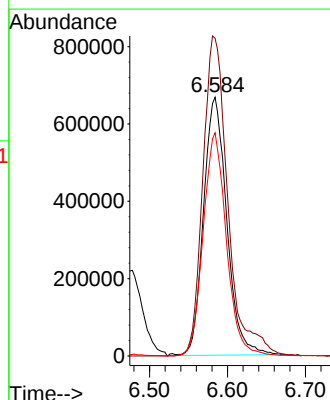
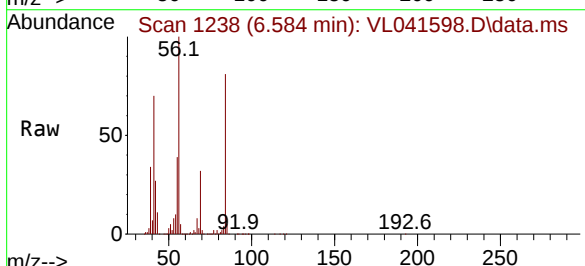
Tgt Ion: 84 Resp: 1384242

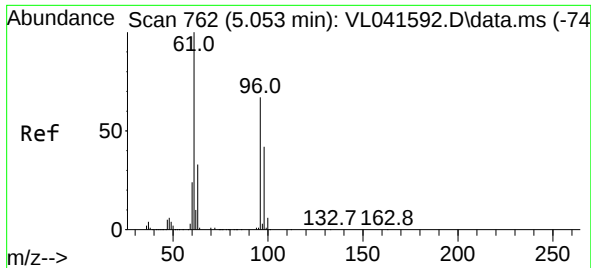
Ion Ratio Lower Upper

84 100

56 133.9 111.5 167.3

41 86.8 70.9 106.3



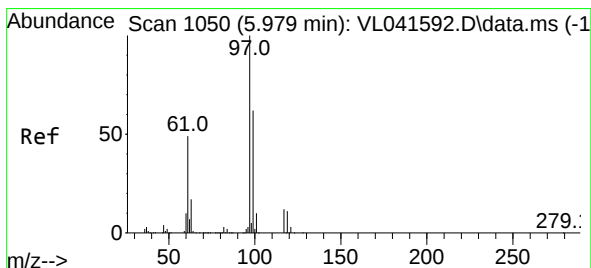
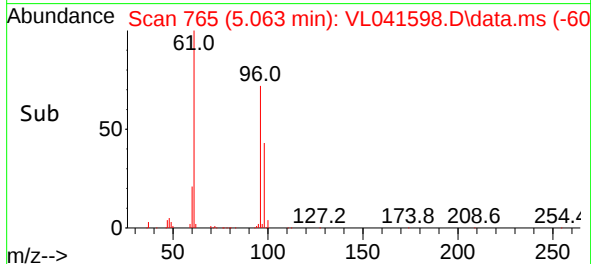
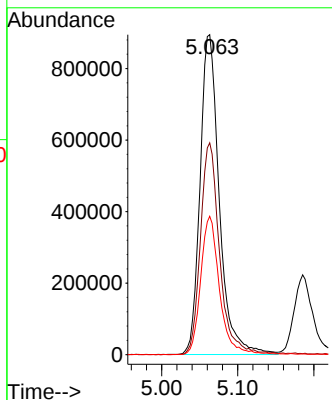
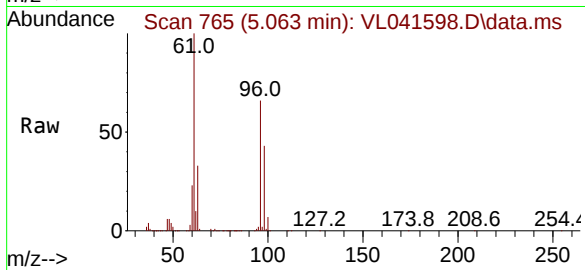


#31
 cis-1,2-Dichloroethene
 Concen: 14.462 ppbv
 RT: 5.063 min Scan# 765
 Delta R.T. 0.010 min
 Lab File: VL041598.D
 Acq: 16 Sep 2024 17:20

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

Tgt Ion: 61 Resp: 1572482

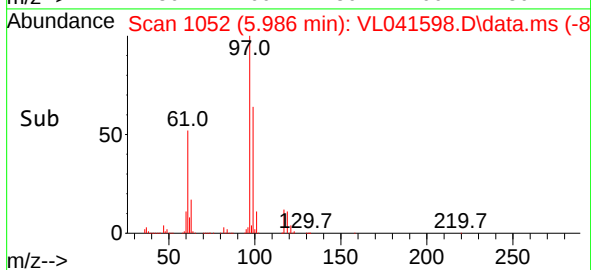
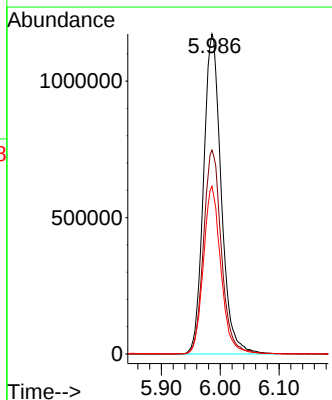
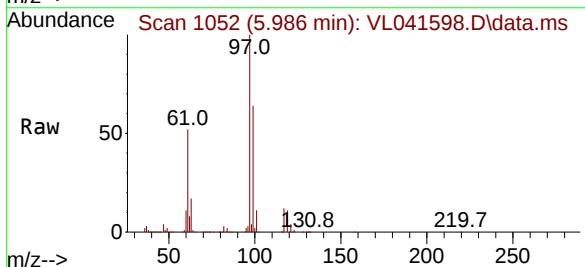
Ion	Ratio	Lower	Upper
61	100		
96	66.1	53.5	80.3
98	43.2	33.7	50.5

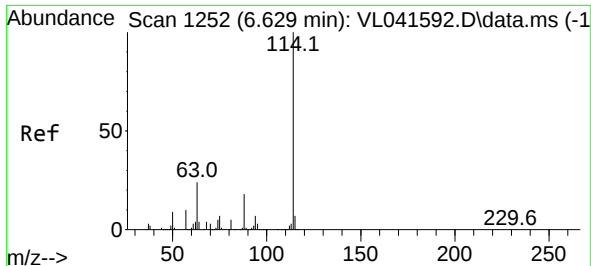


#32
 1,1,1-Trichloroethane
 Concen: 14.015 ppbv
 RT: 5.986 min Scan# 1052
 Delta R.T. 0.006 min
 Lab File: VL041598.D
 Acq: 16 Sep 2024 17:20

Tgt Ion: 97 Resp: 2449235

Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.0	76.4
61	51.9	41.4	62.0

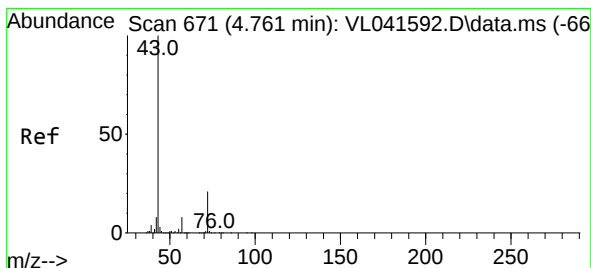
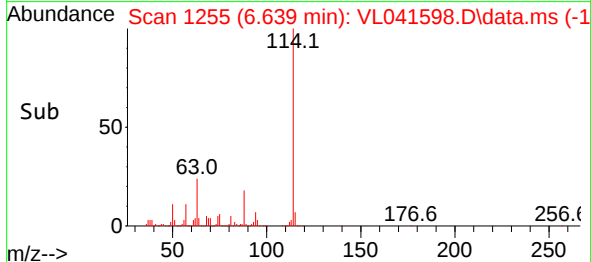
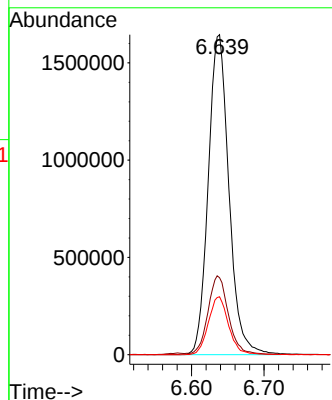
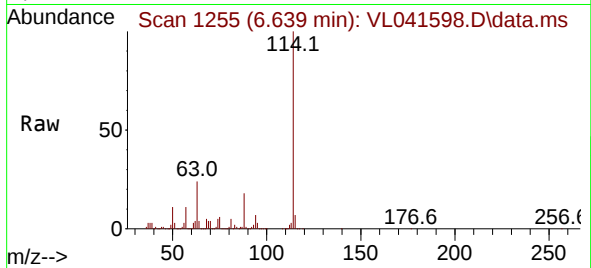




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.639 min Scan# 114
Delta R.T. 0.010 min
Lab File: VL041598.D
Acq: 16 Sep 2024 17:20

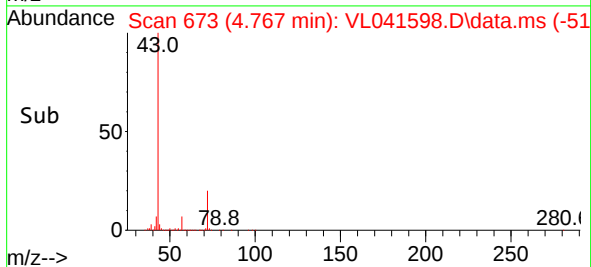
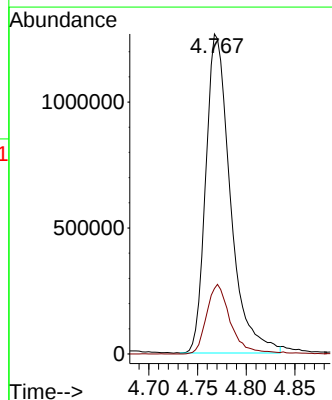
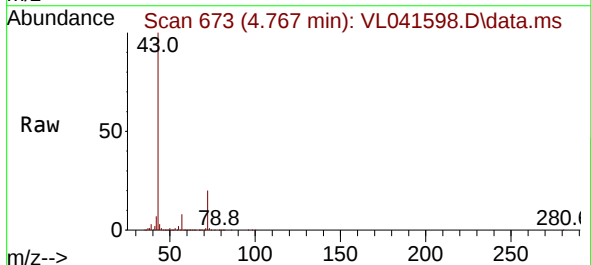
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

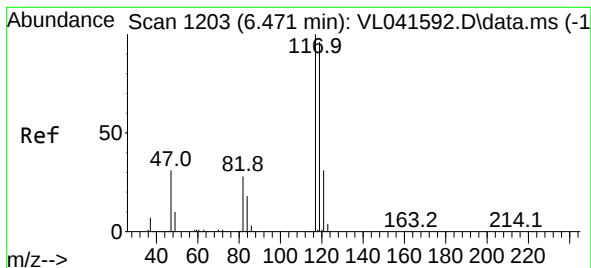
Tgt Ion:114 Resp: 3256634
Ion Ratio Lower Upper
114 100
63 24.9 20.2 30.2
88 17.7 14.2 21.4



#34
2-Butanone
Concen: 14.132 ppbv
RT: 4.767 min Scan# 673
Delta R.T. 0.006 min
Lab File: VL041598.D
Acq: 16 Sep 2024 17:20

Tgt Ion: 43 Resp: 2226315
Ion Ratio Lower Upper
43 100
72 21.7 17.0 25.4





#35

Carbon Tetrachloride

Concen: 14.267 ppbv

RT: 6.478 min Scan# 1165

Delta R.T. 0.006 min

Lab File: VL041598.D

Acq: 16 Sep 2024 17:20

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

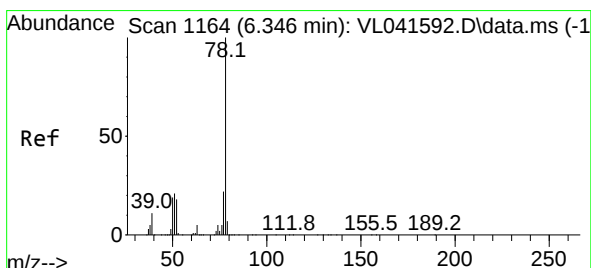
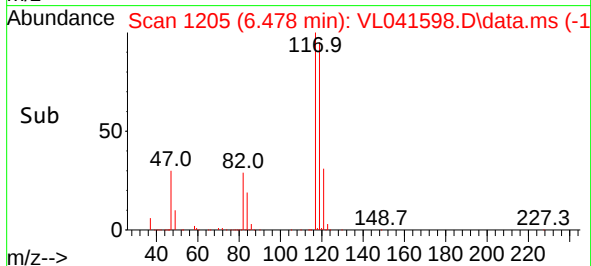
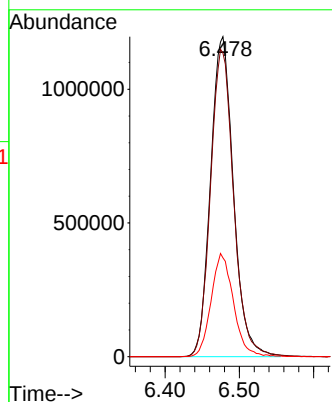
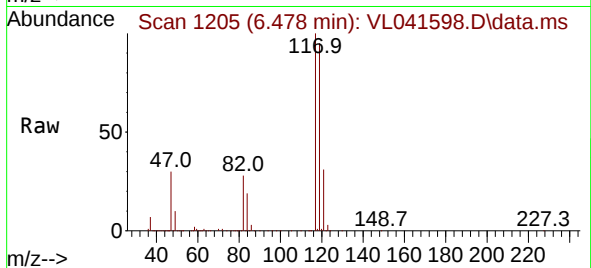
Tgt Ion:117 Resp: 2562607

Ion Ratio Lower Upper

117 100

119 94.9 76.8 115.2

121 30.9 25.0 37.6



#36

Benzene

Concen: 14.291 ppbv

RT: 6.352 min Scan# 1166

Delta R.T. 0.006 min

Lab File: VL041598.D

Acq: 16 Sep 2024 17:20

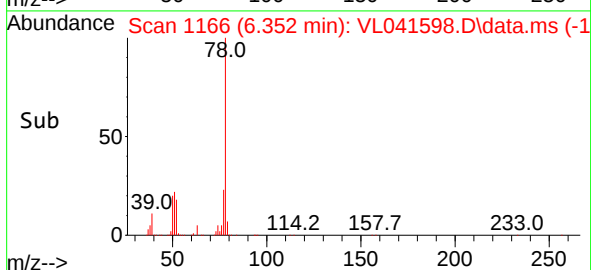
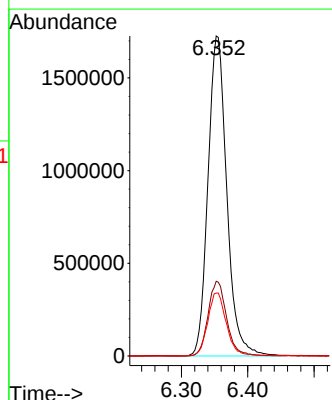
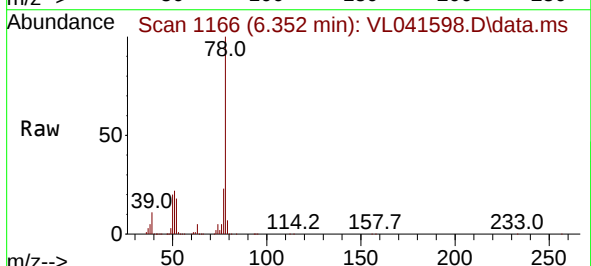
Tgt Ion: 78 Resp: 3400759

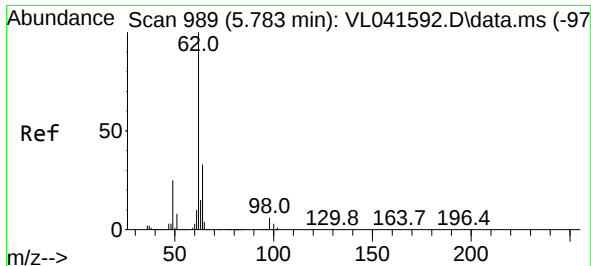
Ion Ratio Lower Upper

78 100

77 23.3 17.8 26.6

50 19.6 15.4 23.0





#37

1,2-Dichloroethane

Concen: 14.224 ppbv

RT: 5.790 min Scan# 989

Delta R.T. 0.006 min

Lab File: VL041598.D

Acq: 16 Sep 2024 17:20

Instrument :

MSVOA_L

ClientSampleId :

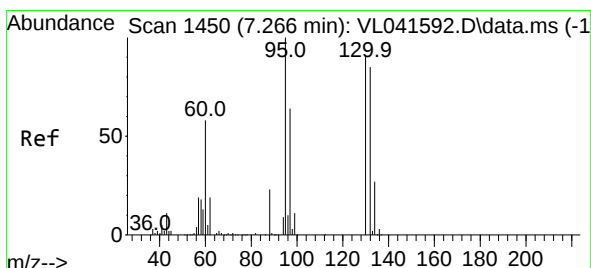
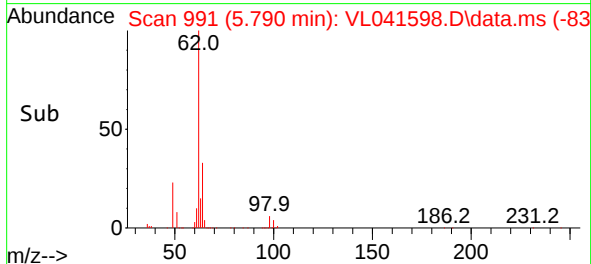
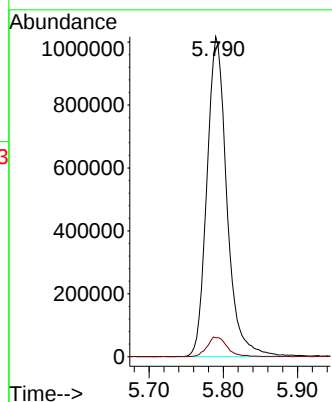
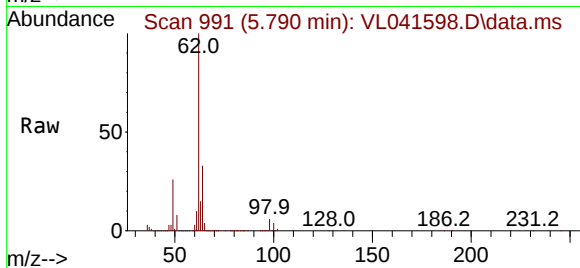
VSTDIC015

Tgt Ion: 62 Resp: 1894411

Ion Ratio Lower Upper

62 100

98 6.3 4.8 7.2



#38

Trichloroethene

Concen: 16.301 ppbv

RT: 7.272 min Scan# 1452

Delta R.T. 0.006 min

Lab File: VL041598.D

Acq: 16 Sep 2024 17:20

Tgt Ion:130 Resp: 1777141

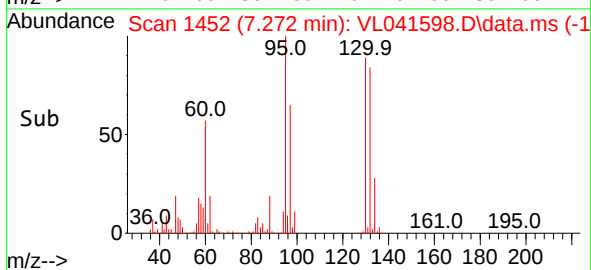
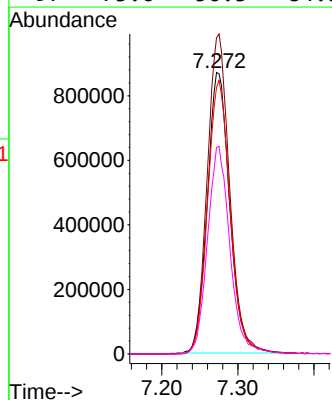
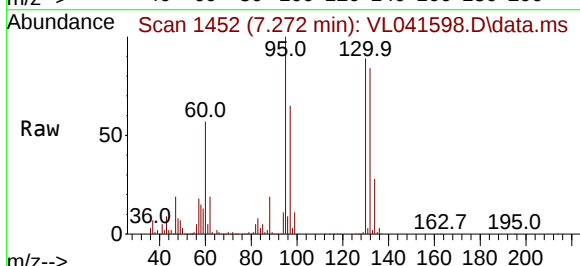
Ion Ratio Lower Upper

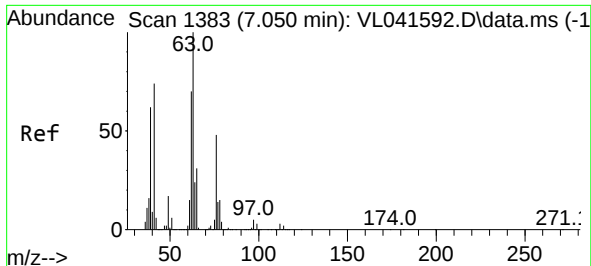
130 100

95 112.7 87.7 131.5

132 95.0 74.5 111.7

97 73.6 56.3 84.5





#39

1,2-Dichloropropane

Concen: 14.474 ppbv

RT: 7.057 min Scan# 1

Delta R.T. 0.006 min

Lab File: VL041598.D

Acq: 16 Sep 2024 17:20

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

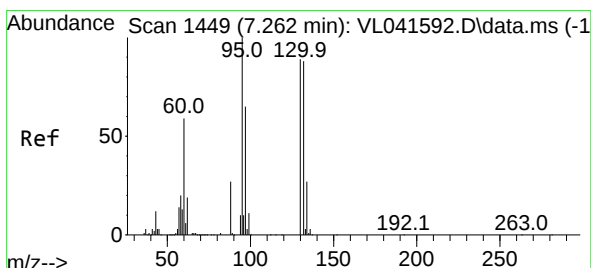
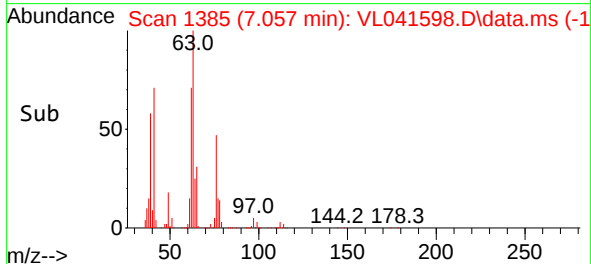
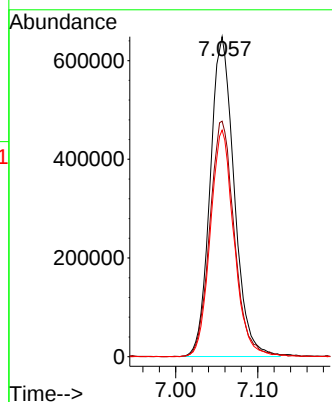
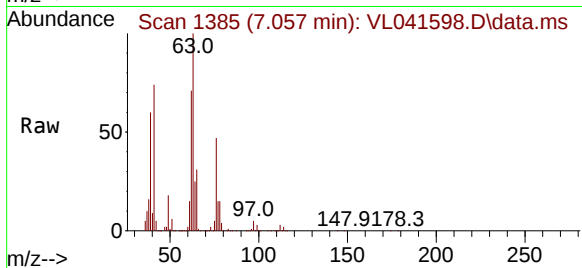
Tgt Ion: 63 Resp: 1318620

Ion Ratio Lower Upper

63 100

41 73.6 59.5 89.3

62 70.8 56.2 84.2



#40

1,4-Dioxane

Concen: 12.392 ppbv

RT: 7.266 min Scan# 1450

Delta R.T. 0.003 min

Lab File: VL041598.D

Acq: 16 Sep 2024 17:20

Tgt Ion: 88 Resp: 453503

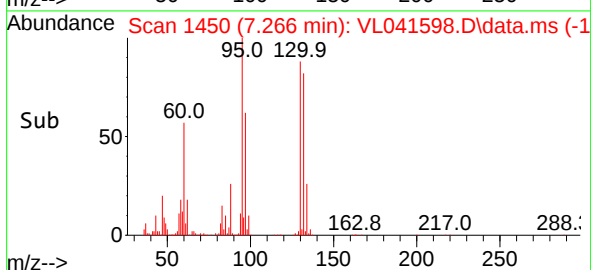
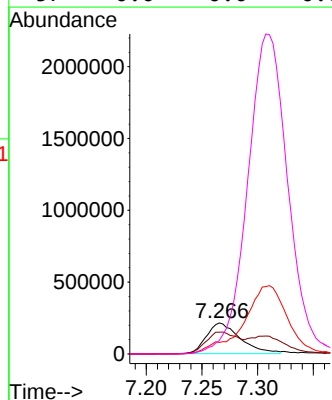
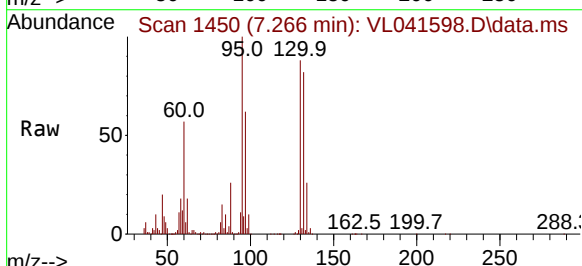
Ion Ratio Lower Upper

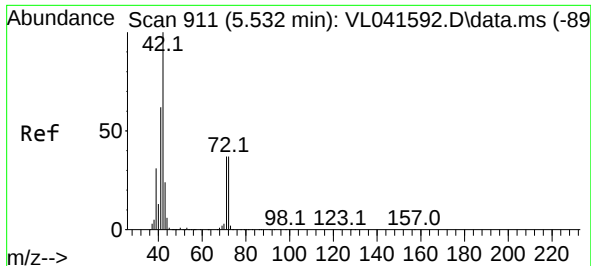
88 100

58 64.3 100.2 150.4#

43 0.0 0.0 0.0

57 0.0 0.0 0.0

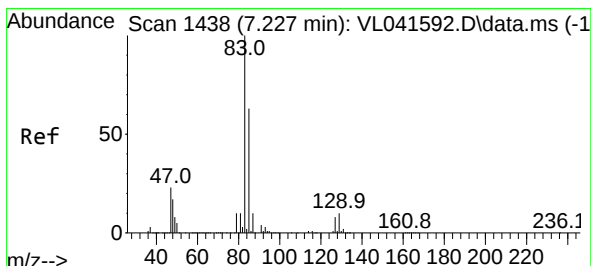
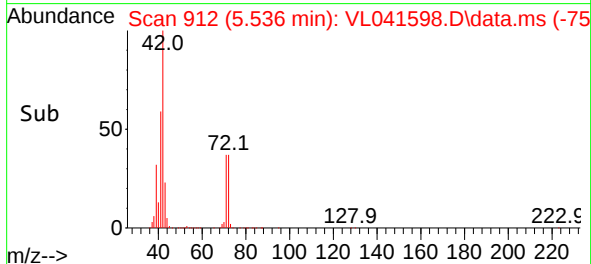
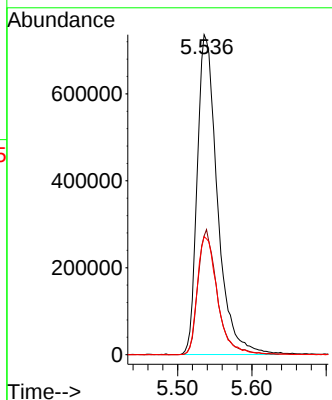
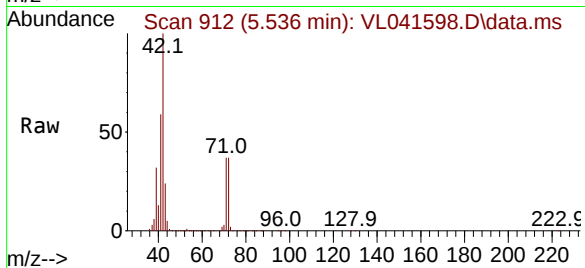




#41
Tetrahydrofuran
Concen: 15.449 ppbv
RT: 5.536 min Scan# 911
Delta R.T. 0.003 min
Lab File: VL041598.D
Acq: 16 Sep 2024 17:20

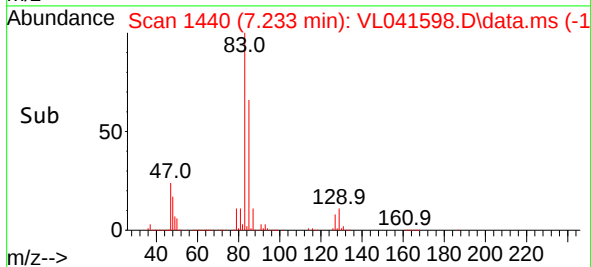
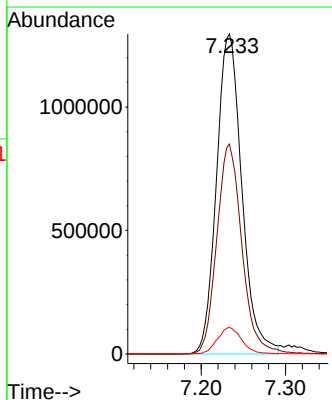
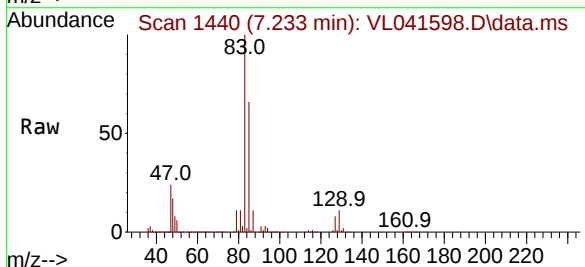
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

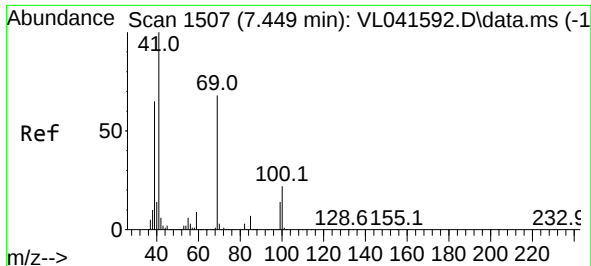
Tgt Ion: 42 Resp: 1391996
Ion Ratio Lower Upper
42 100
72 37.6 30.1 45.1
71 37.2 29.6 44.4



#42
Bromodichloromethane
Concen: 14.078 ppbv
RT: 7.233 min Scan# 1440
Delta R.T. 0.006 min
Lab File: VL041598.D
Acq: 16 Sep 2024 17:20

Tgt Ion: 83 Resp: 2707351
Ion Ratio Lower Upper
83 100
85 65.6 50.5 75.7
127 8.3 6.5 9.7

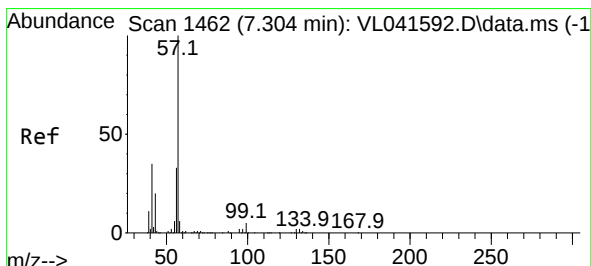
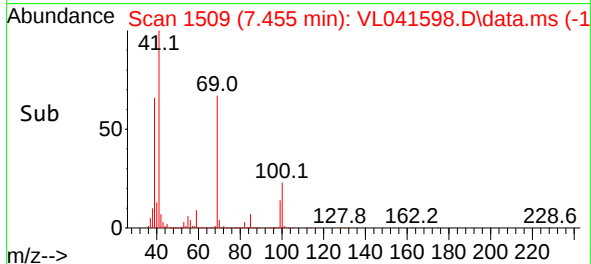
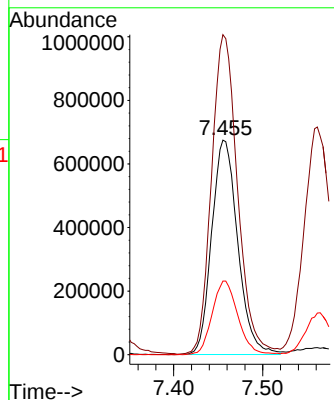
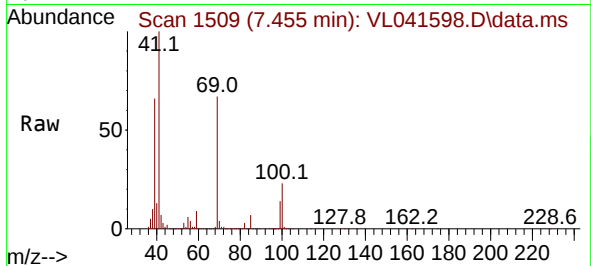




#43
Methyl Methacrylate
Concen: 16.033 ppbv
RT: 7.455 min Scan# 1509
Delta R.T. 0.006 min
Lab File: VL041598.D
Acq: 16 Sep 2024 17:20

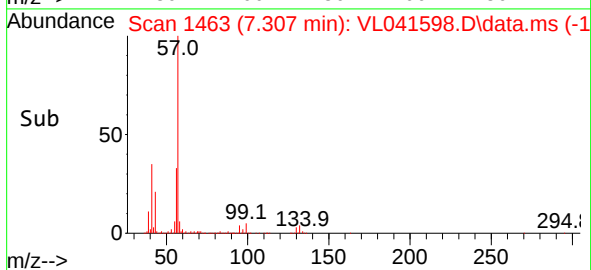
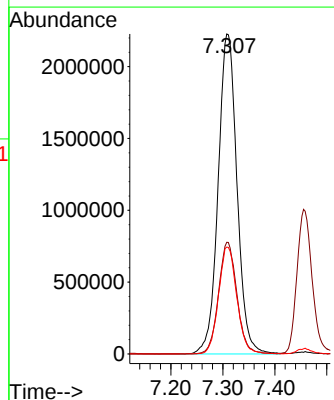
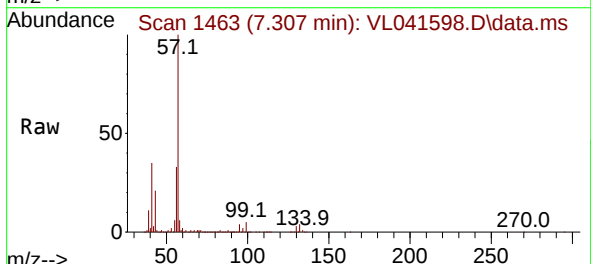
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

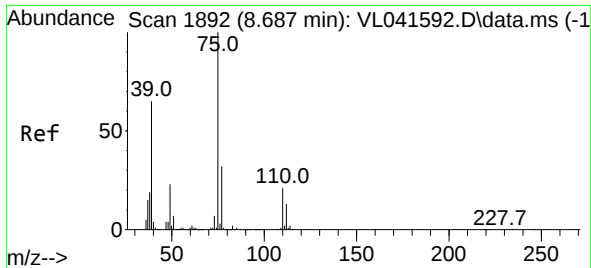
Tgt Ion: 69 Resp: 1368120
Ion Ratio Lower Upper
69 100
41 149.5 121.8 182.6
100 33.9 26.5 39.7



#44
2,2,4-Trimethylpentane
Concen: 14.138 ppbv
RT: 7.307 min Scan# 1463
Delta R.T. 0.003 min
Lab File: VL041598.D
Acq: 16 Sep 2024 17:20

Tgt Ion: 57 Resp: 5619291
Ion Ratio Lower Upper
57 100
41 34.1 27.0 40.6
56 32.5 25.5 38.3

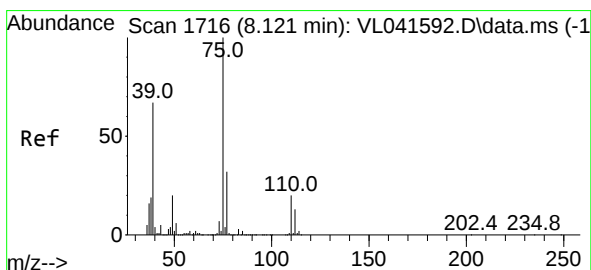
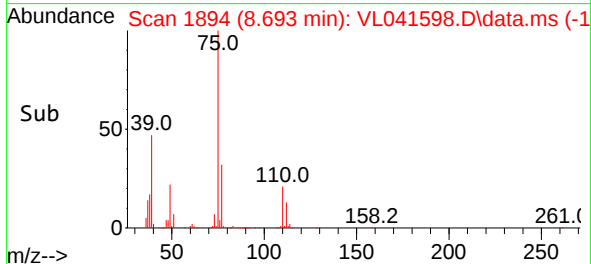
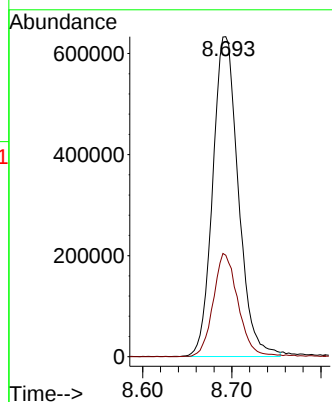
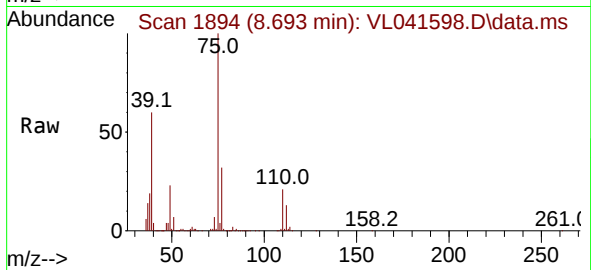




#45
 t-1,3-Dichloropropene
 Concen: 16.099 ppbv
 RT: 8.693 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VL041598.D
 Acq: 16 Sep 2024 17:20

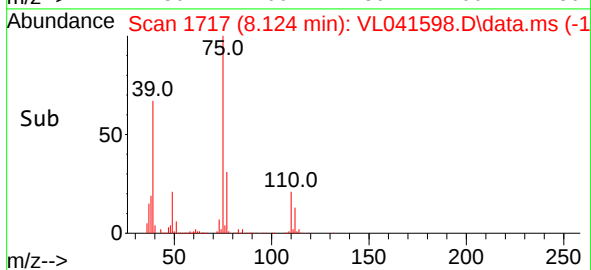
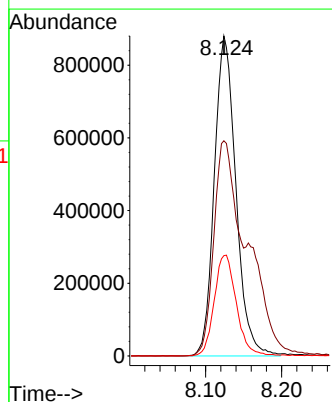
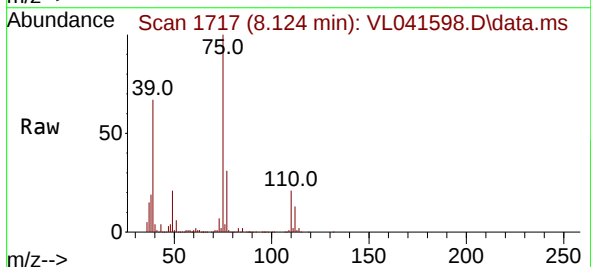
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

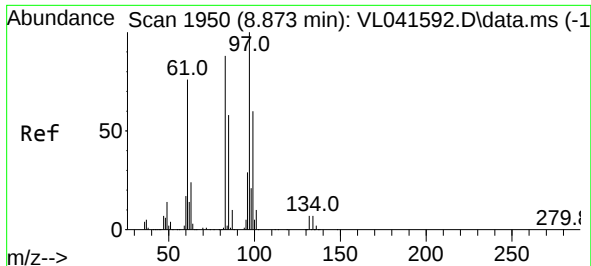
Tgt Ion: 75 Resp: 1264444
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.4 38.0



#46
 cis-1,3-Dichloropropene
 Concen: 15.281 ppbv
 RT: 8.124 min Scan# 1717
 Delta R.T. 0.003 min
 Lab File: VL041598.D
 Acq: 16 Sep 2024 17:20

Tgt Ion: 75 Resp: 1733083
 Ion Ratio Lower Upper
 75 100
 39 67.2 54.0 81.0
 77 31.3 25.2 37.8





#47

1,1,2-Trichloroethane

Concen: 14.103 ppbv

RT: 8.880 min Scan# 1950

Delta R.T. 0.006 min

Lab File: VL041598.D

Acq: 16 Sep 2024 17:20

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC015

Tgt Ion: 97 Resp: 1416240

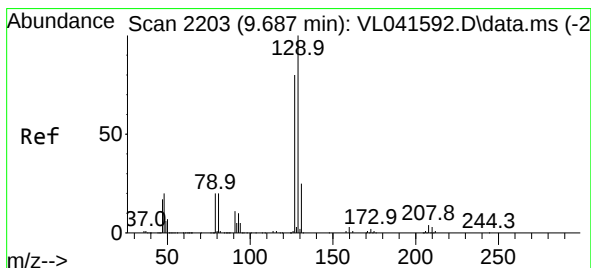
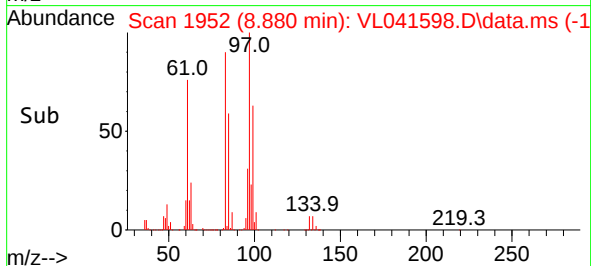
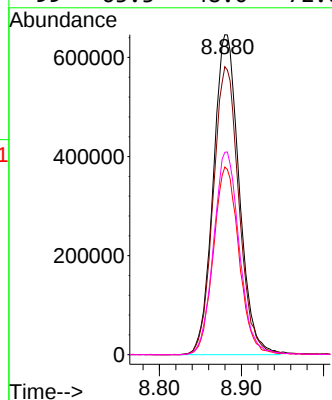
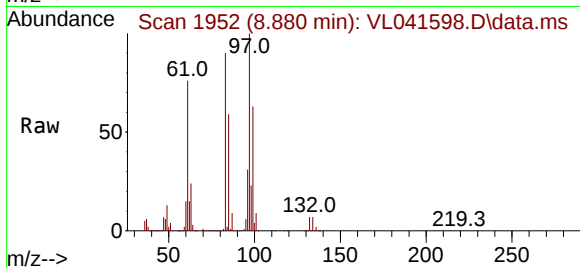
Ion Ratio Lower Upper

97 100

83 89.9 70.2 105.4

85 58.6 46.3 69.5

99 63.3 48.0 72.0



#48

Dibromochloromethane

Concen: 14.716 ppbv

RT: 9.693 min Scan# 2205

Delta R.T. 0.006 min

Lab File: VL041598.D

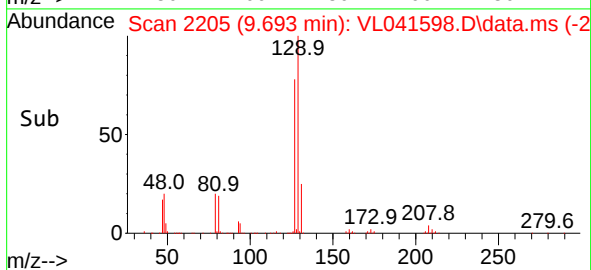
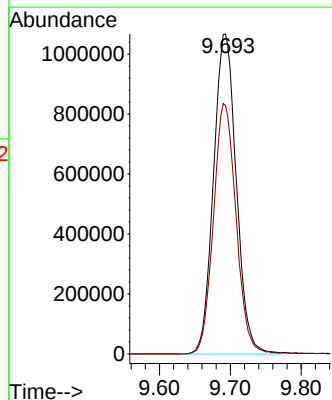
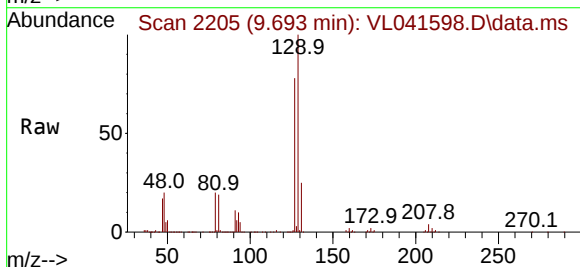
Acq: 16 Sep 2024 17:20

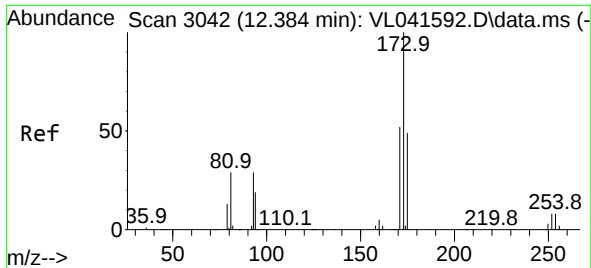
Tgt Ion: 129 Resp: 2380715

Ion Ratio Lower Upper

129 100

127 78.1 39.3 117.9

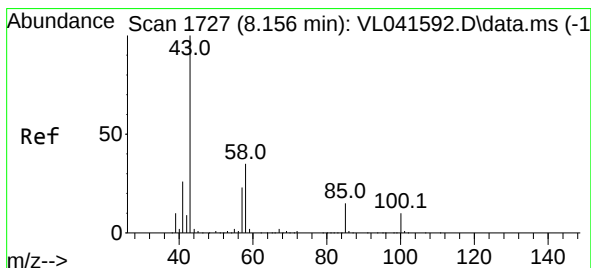
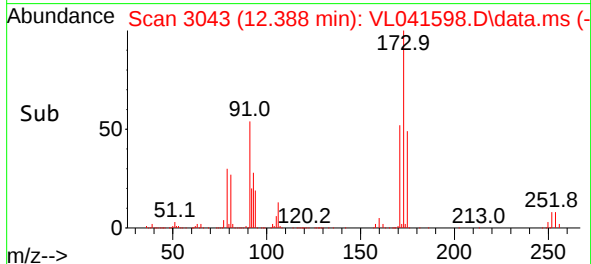
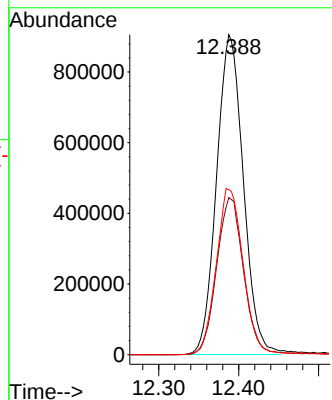
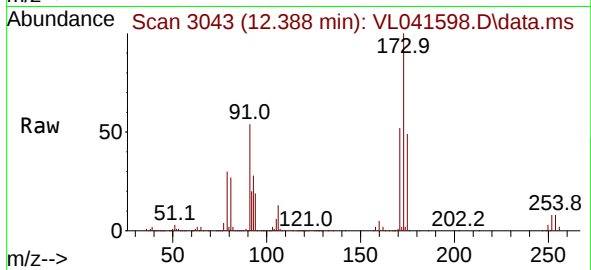




#49
Bromoform
Concen: 15.393 ppbv
RT: 12.388 min Scan# 3042
Delta R.T. 0.003 min
Lab File: VL041598.D
Acq: 16 Sep 2024 17:20

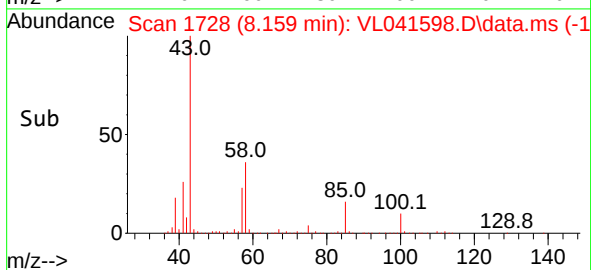
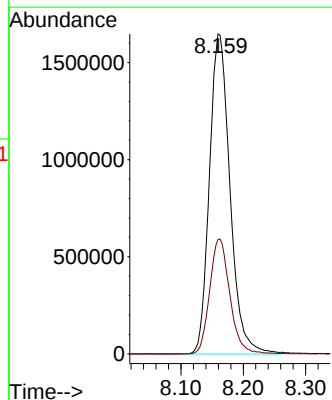
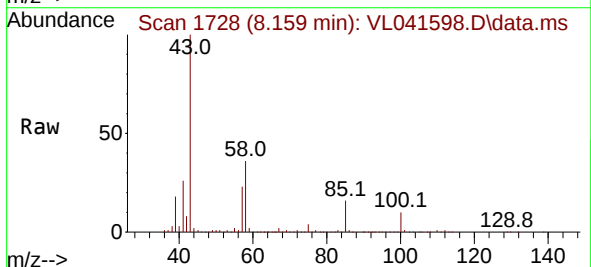
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

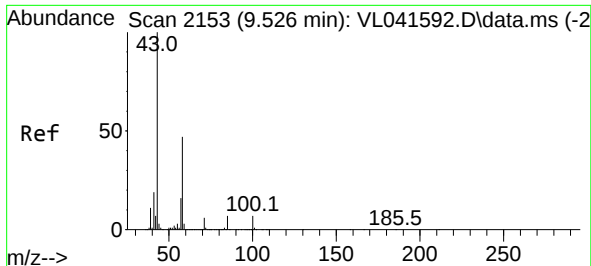
Tgt Ion:173 Resp: 2103505
Ion Ratio Lower Upper
173 100
175 50.0 40.1 60.1
171 52.9 42.2 63.4



#50
4-Methyl-2-Pentanone
Concen: 15.162 ppbv
RT: 8.159 min Scan# 1728
Delta R.T. 0.003 min
Lab File: VL041598.D
Acq: 16 Sep 2024 17:20

Tgt Ion: 43 Resp: 3768387
Ion Ratio Lower Upper
43 100
58 35.4 27.9 41.9

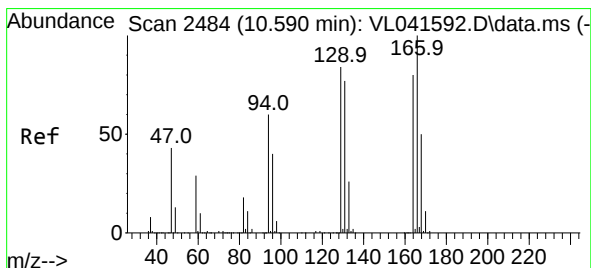
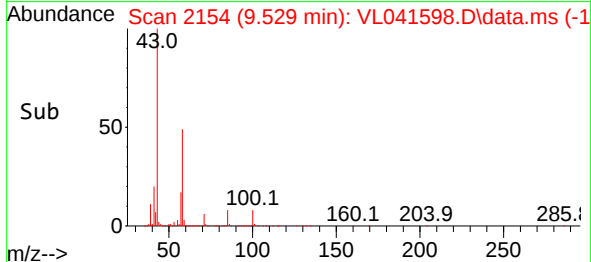
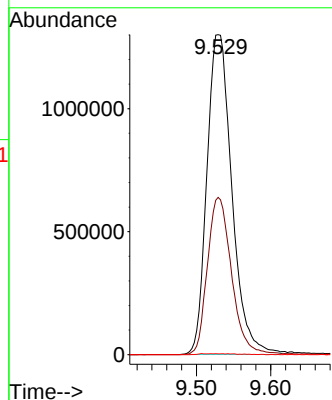
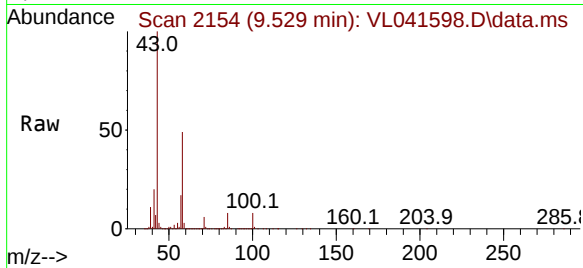




#51
2-Hexanone
Concen: 16.175 ppbv
RT: 9.529 min Scan# 2153
Delta R.T. 0.003 min
Lab File: VL041598.D
Acq: 16 Sep 2024 17:20

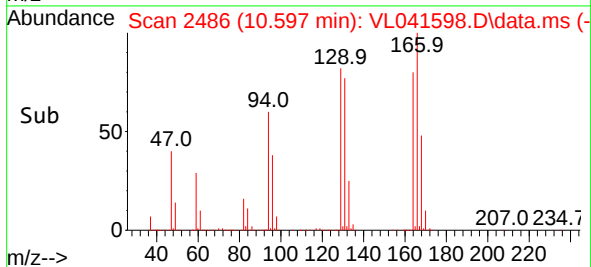
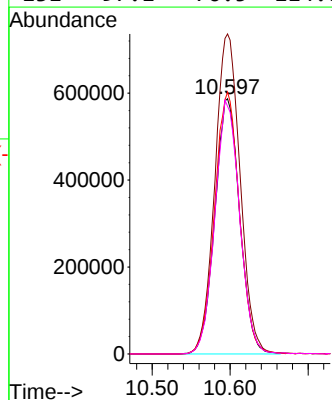
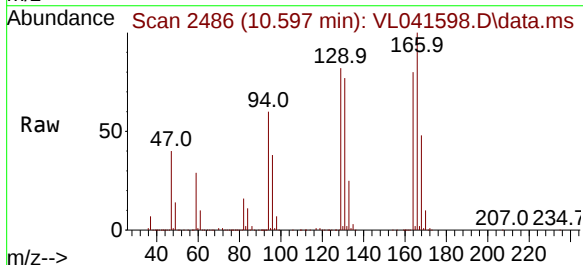
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

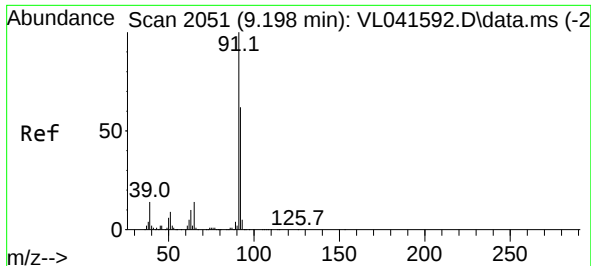
Tgt Ion: 43 Resp: 3039864
Ion Ratio Lower Upper
43 100
58 47.8 37.3 55.9
98 0.5 0.5 0.7



#52
Tetrachloroethene
Concen: 14.122 ppbv
RT: 10.597 min Scan# 2486
Delta R.T. 0.006 min
Lab File: VL041598.D
Acq: 16 Sep 2024 17:20

Tgt Ion:164 Resp: 1298509
Ion Ratio Lower Upper
164 100
166 125.4 99.4 149.2
129 102.7 83.5 125.3
131 97.1 76.5 114.7





#53

Toluene

Concen: 15.042 ppbv

RT: 9.204 min Scan# 2053

Delta R.T. 0.006 min

Lab File: VL041598.D

Acq: 16 Sep 2024 17:20

Instrument :

MSVOA_L

ClientSampleId :

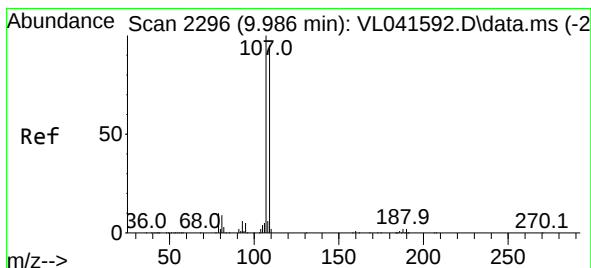
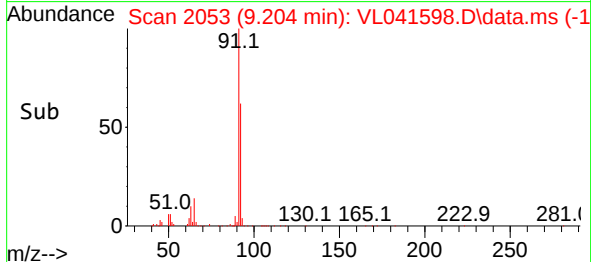
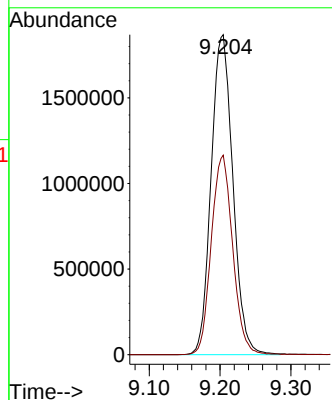
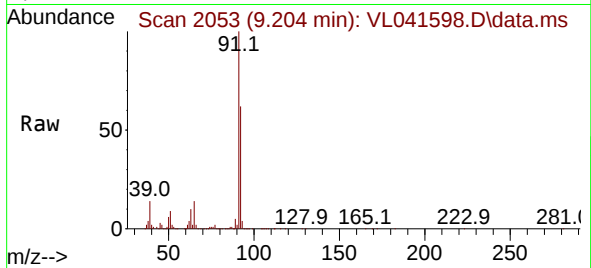
VSTDIC015

Tgt Ion: 91 Resp: 3987119

Ion Ratio Lower Upper

91 100

92 61.5 48.9 73.3



#54

1,2-Dibromoethane

Concen: 14.599 ppbv

RT: 9.989 min Scan# 2297

Delta R.T. 0.003 min

Lab File: VL041598.D

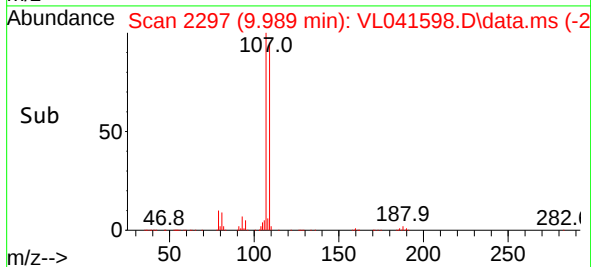
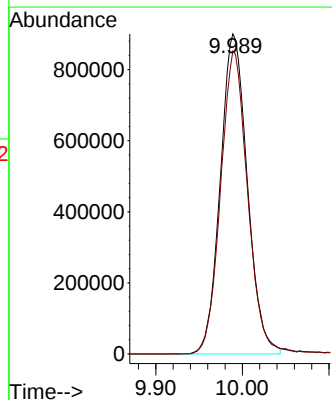
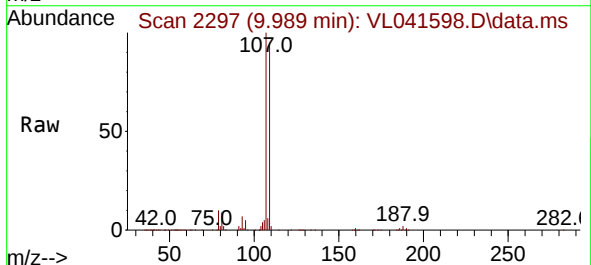
Acq: 16 Sep 2024 17:20

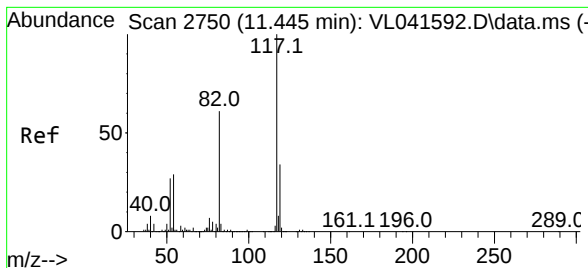
Tgt Ion: 107 Resp: 1951435

Ion Ratio Lower Upper

107 100

109 94.6 75.7 113.5

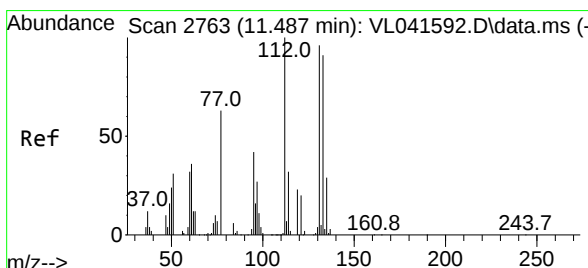
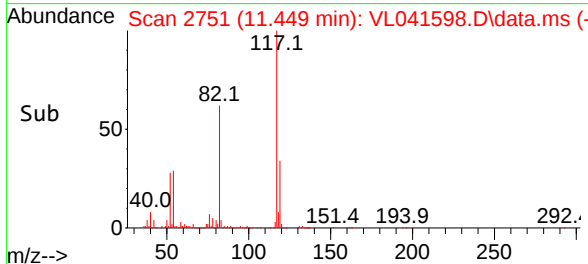
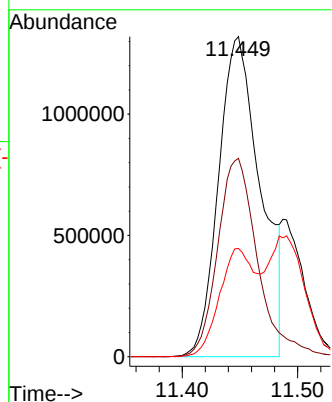
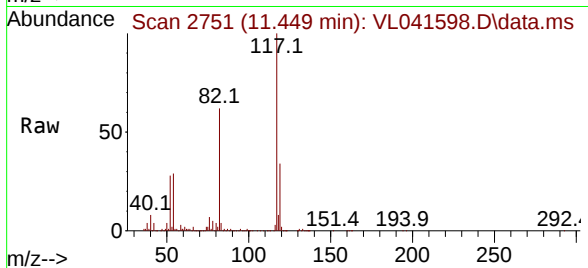




#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 11.449 min Scan# 2750
Delta R.T. 0.003 min
Lab File: VL041598.D
Acq: 16 Sep 2024 17:20

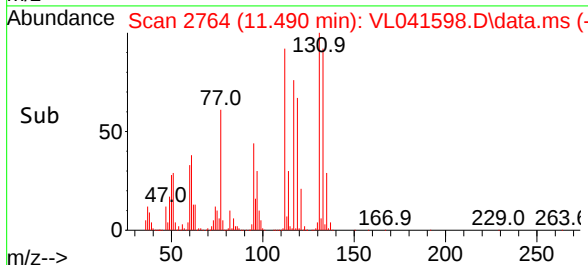
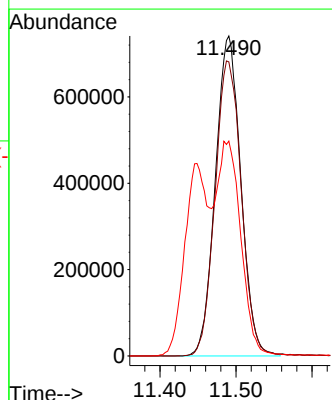
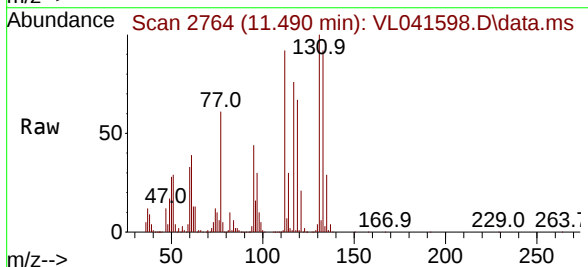
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

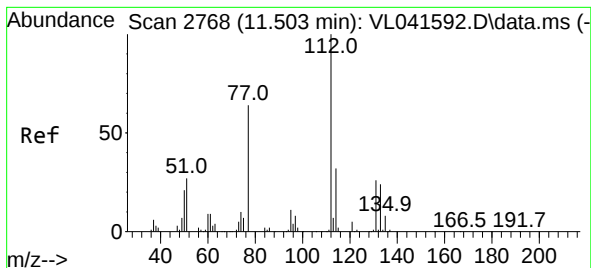
Tgt Ion:117 Resp: 3327610
Ion Ratio Lower Upper
117 100
82 59.7 50.7 76.1
119 25.5 25.0 37.4



#56
1,1,1,2-Tetrachloroethane
Concen: 13.360 ppbv
RT: 11.490 min Scan# 2764
Delta R.T. 0.003 min
Lab File: VL041598.D
Acq: 16 Sep 2024 17:20

Tgt Ion:131 Resp: 1724113
Ion Ratio Lower Upper
131 100
133 95.7 76.6 114.8
119 71.9 44.5 66.7#

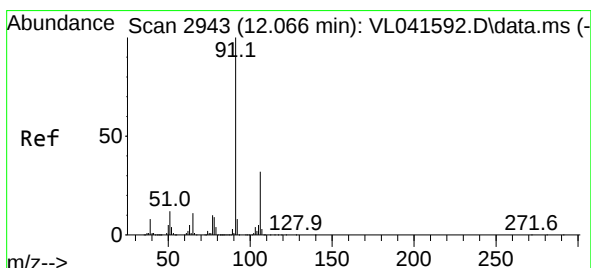
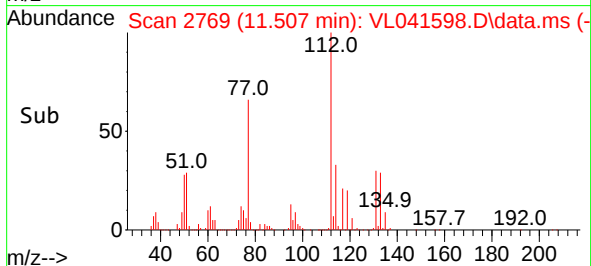
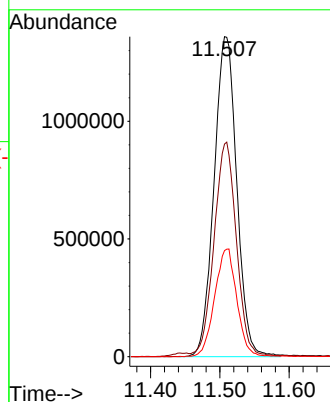
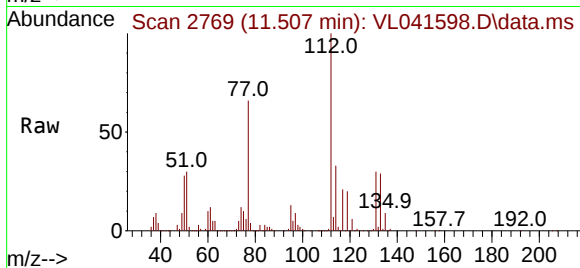




#57
Chlorobenzene
Concen: 13.087 ppbv
RT: 11.507 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL041598.D
Acq: 16 Sep 2024 17:20

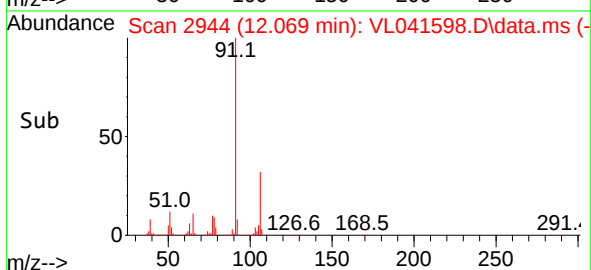
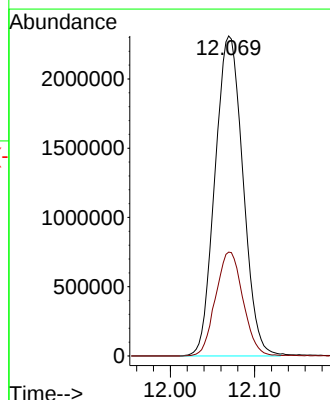
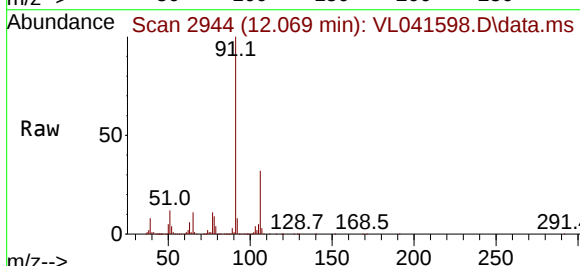
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

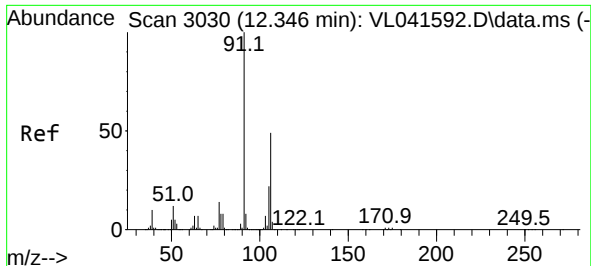
Tgt Ion:112 Resp: 3100633
Ion Ratio Lower Upper
112 100
77 66.1 52.0 78.0
114 33.1 28.6 35.0



#58
Ethyl Benzene
Concen: 13.880 ppbv
RT: 12.069 min Scan# 2944
Delta R.T. 0.003 min
Lab File: VL041598.D
Acq: 16 Sep 2024 17:20

Tgt Ion: 91 Resp: 5323752
Ion Ratio Lower Upper
91 100
106 32.4 25.8 38.6





#59

m/p-Xylene

Concen: 27.249 ppbv m

RT: 12.352 min Scan# 3030

Delta R.T. 0.006 min

Lab File: VL041598.D

Acq: 16 Sep 2024 17:20

Instrument :

MSVOA_L

ClientSampleId :

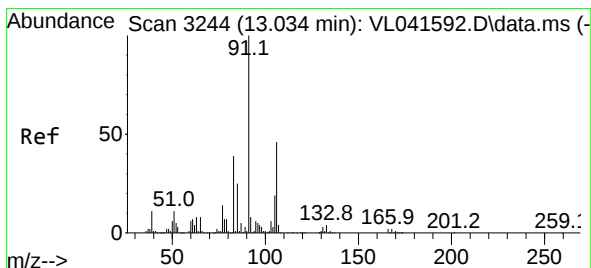
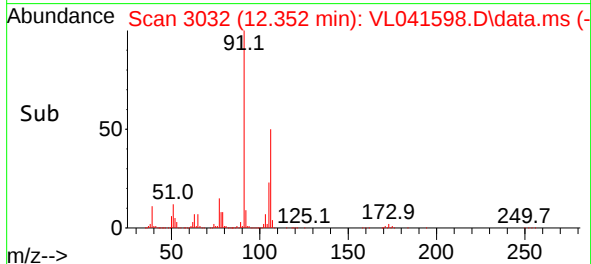
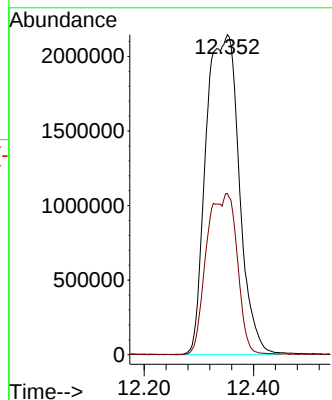
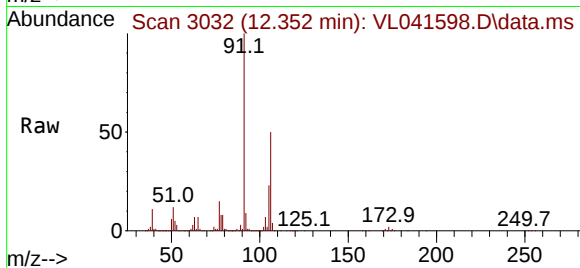
VSTDIC015

Tgt Ion: 91 Resp: 9021854

Ion Ratio Lower Upper

91 100

106 46.5 36.6 55.0



#60

o-Xylene

Concen: 13.986 ppbv

RT: 13.037 min Scan# 3245

Delta R.T. 0.003 min

Lab File: VL041598.D

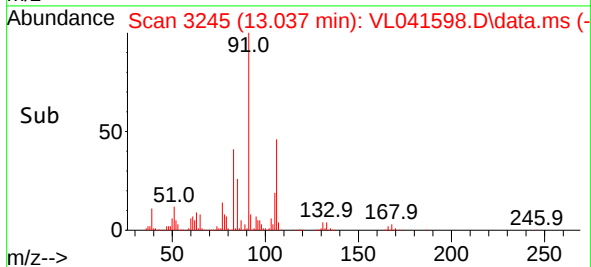
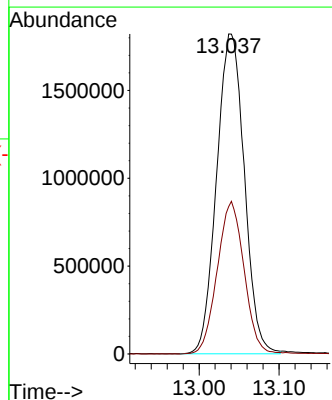
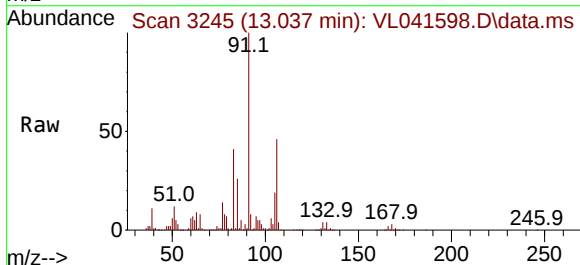
Acq: 16 Sep 2024 17:20

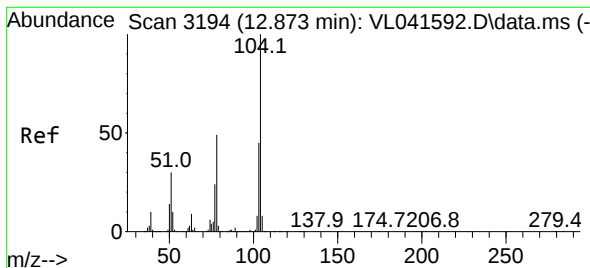
Tgt Ion: 91 Resp: 4380559

Ion Ratio Lower Upper

91 100

106 46.4 23.0 69.0





#61

Styrene

Concen: 15.620 ppbv

RT: 12.879 min Scan# 3194

Delta R.T. 0.006 min

Lab File: VL041598.D

Acq: 16 Sep 2024 17:20

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

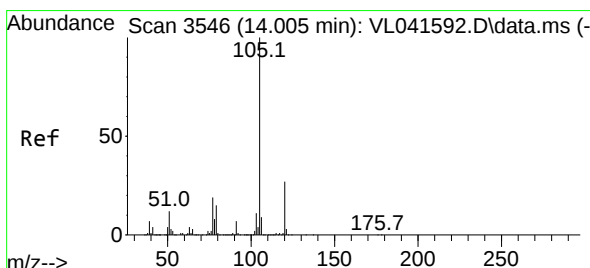
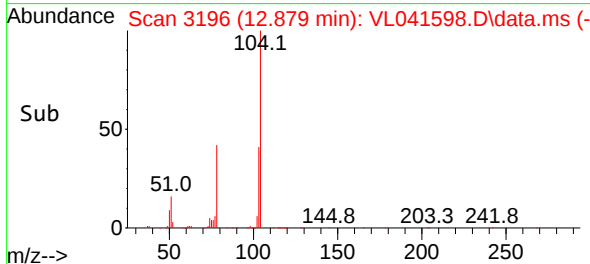
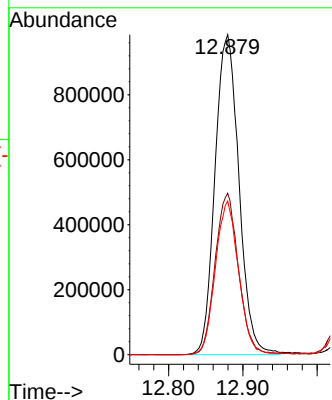
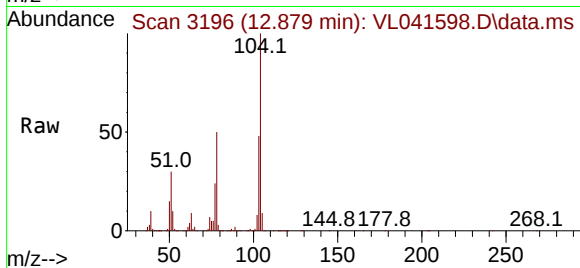
Tgt Ion:104 Resp: 2207148

Ion Ratio Lower Upper

104 100

78 49.5 39.8 59.6

103 46.9 37.4 56.0



#62

Isopropylbenzene

Concen: 13.212 ppbv

RT: 14.011 min Scan# 3548

Delta R.T. 0.006 min

Lab File: VL041598.D

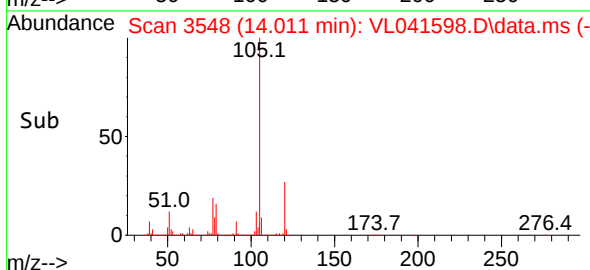
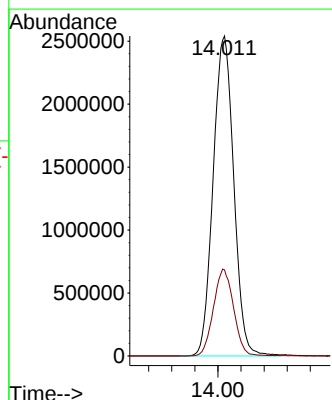
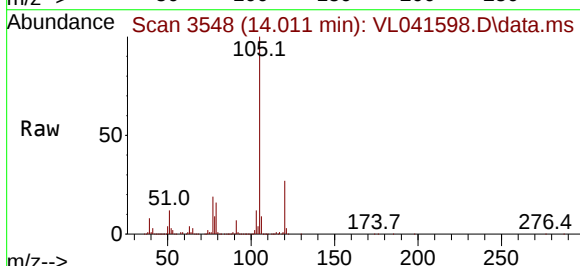
Acq: 16 Sep 2024 17:20

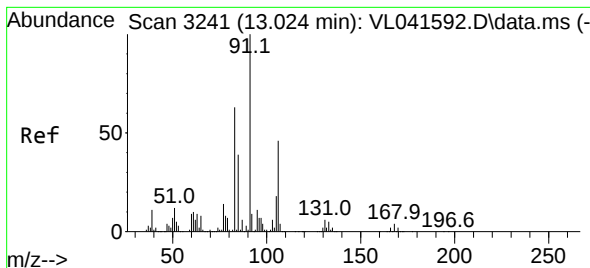
Tgt Ion:105 Resp: 6290796

Ion Ratio Lower Upper

105 100

120 26.6 20.9 31.3

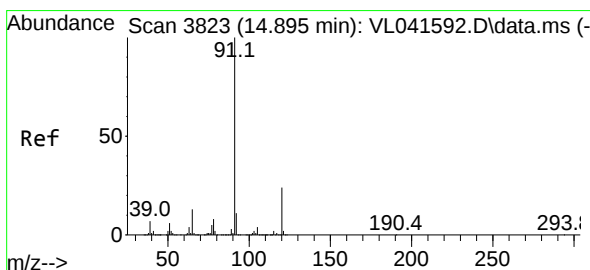
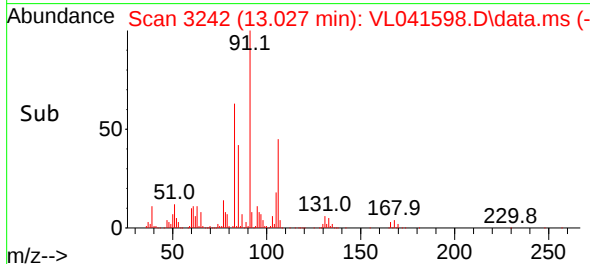
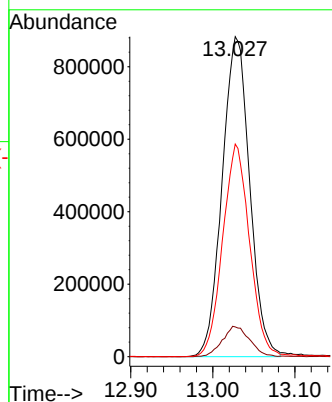
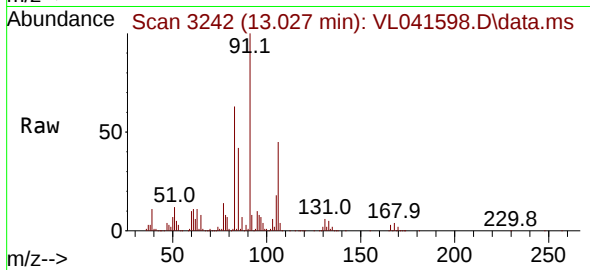




#63
1,1,2,2-Tetrachloroethane
Concen: 10.412 ppbv
RT: 13.027 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL041598.D
Acq: 16 Sep 2024 17:20

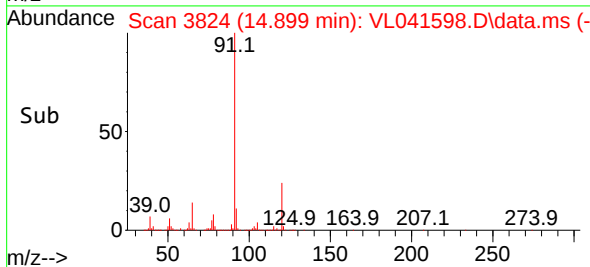
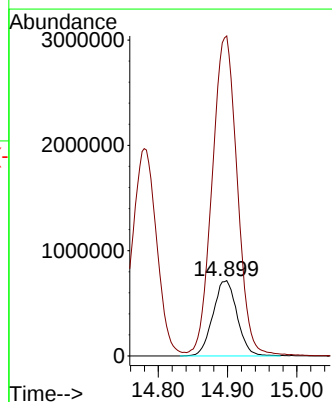
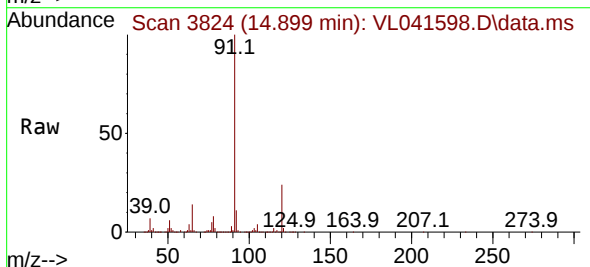
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

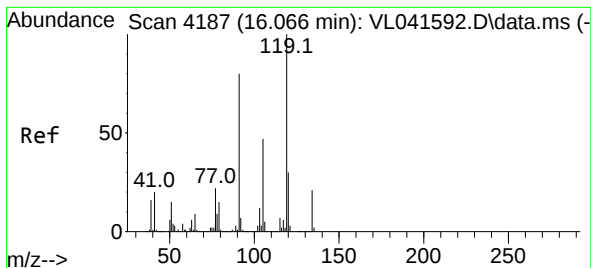
Tgt Ion: 83 Resp: 2059305
Ion Ratio Lower Upper
83 100
131 9.6 4.8 14.4
85 65.7 32.5 97.4



#64
n-propylbenzene
Concen: 13.926 ppbv
RT: 14.899 min Scan# 3824
Delta R.T. 0.003 min
Lab File: VL041598.D
Acq: 16 Sep 2024 17:20

Tgt Ion: 120 Resp: 1733510
Ion Ratio Lower Upper
120 100
91 443.3 366.5 549.7

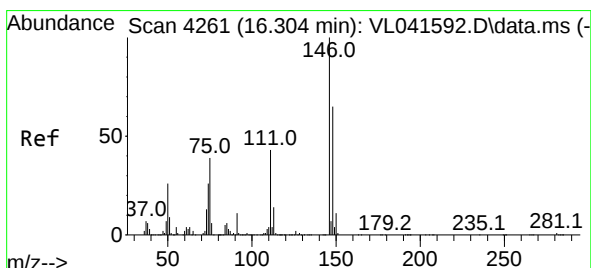
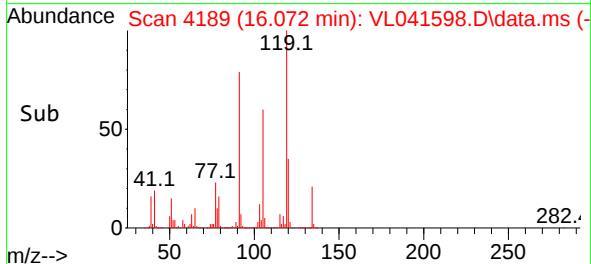
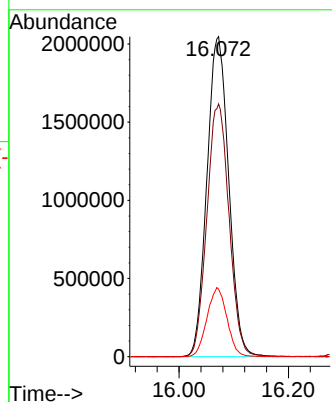
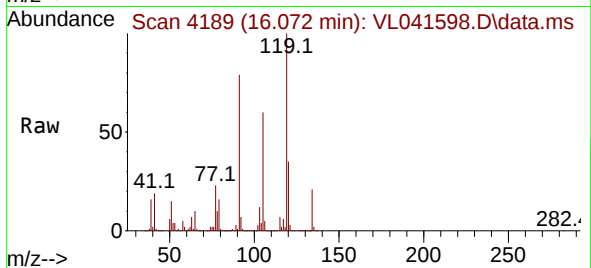




#65
tert-Butylbenzene
Concen: 13.165 ppbv
RT: 16.072 min Scan# 4189
Delta R.T. 0.006 min
Lab File: VL041598.D
Acq: 16 Sep 2024 17:20

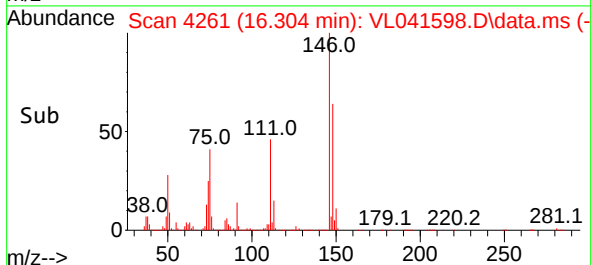
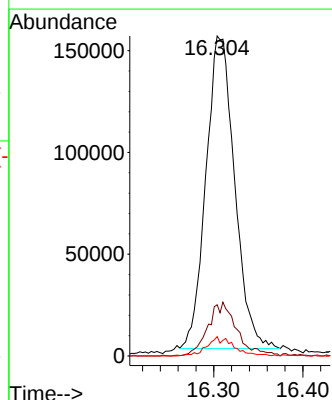
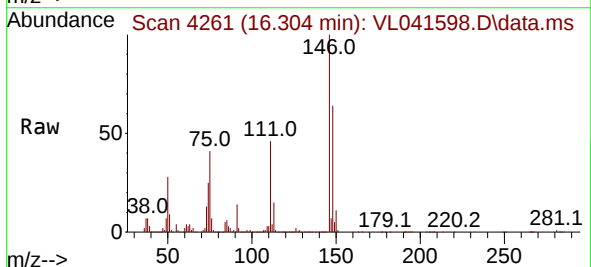
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC015

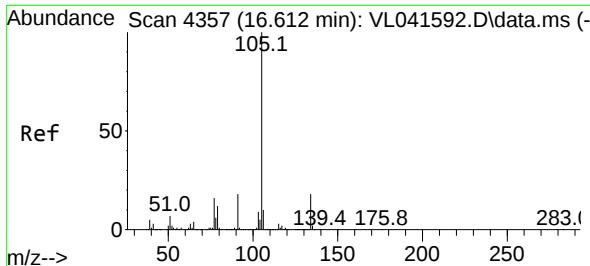
Tgt Ion:119 Resp: 5661694
Ion Ratio Lower Upper
119 100
91 80.2 64.6 97.0
134 19.8 15.8 23.8



#66
Benzyl Chloride
Concen: 12.466 ppbv
RT: 16.304 min Scan# 4261
Delta R.T. 0.000 min
Lab File: VL041598.D
Acq: 16 Sep 2024 17:20

Tgt Ion: 91 Resp: 343877
Ion Ratio Lower Upper
91 100
126 17.8 15.4 23.0
128 5.9 4.8 7.2





#67

sec-Butylbenzene

Concen: 13.238 ppbv

RT: 16.616 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL041598.D

Acq: 16 Sep 2024 17:20

Instrument :

MSVOA_L

ClientSampleId :

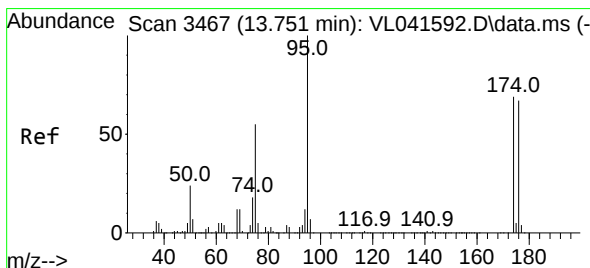
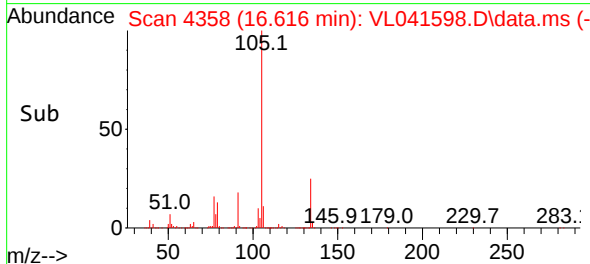
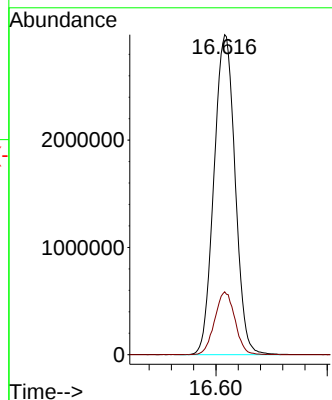
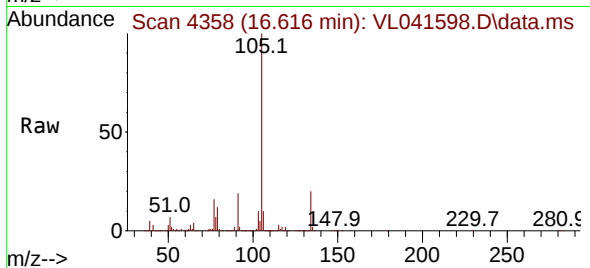
VSTDIC015

Tgt Ion:105 Resp: 7844186

Ion Ratio Lower Upper

105 100

134 18.9 14.5 21.7



#68

1-Bromo-4-Fluorobenzene

Concen: 9.110 ppbv

RT: 13.757 min Scan# 3469

Delta R.T. 0.006 min

Lab File: VL041598.D

Acq: 16 Sep 2024 17:20

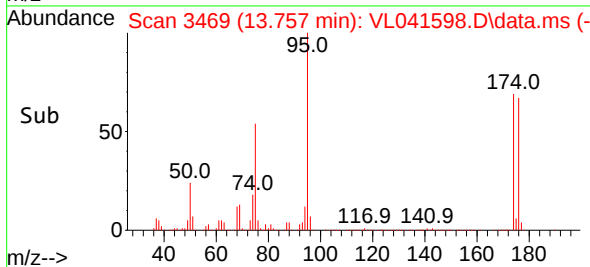
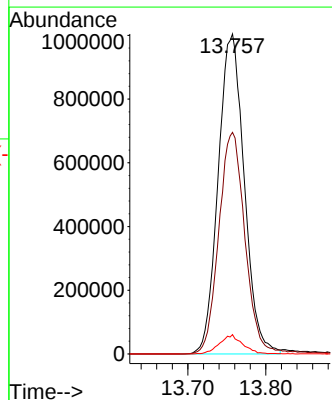
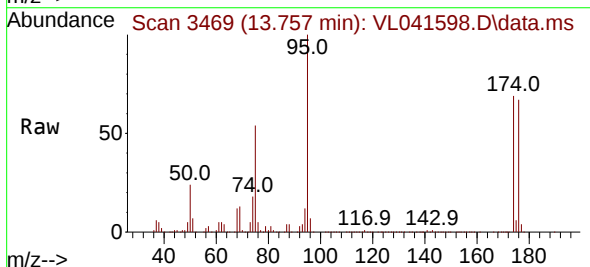
Tgt Ion: 95 Resp: 2332788

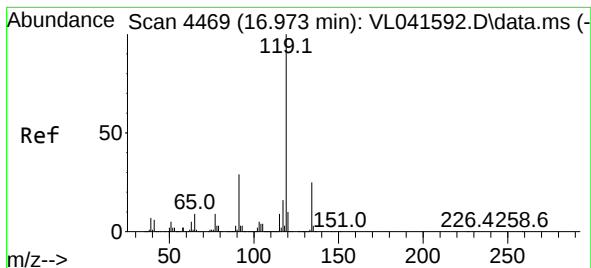
Ion Ratio Lower Upper

95 100

174 70.4 55.8 83.8

175 5.4 4.1 6.1





#69

p-Isopropyltoluene

Concen: 13.451 ppbv

RT: 16.976 min Scan# 4469

Delta R.T. 0.003 min

Lab File: VL041598.D

Acq: 16 Sep 2024 17:20

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC015

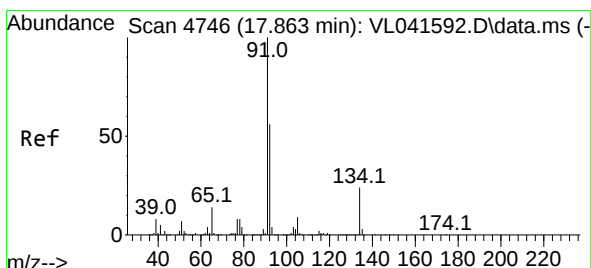
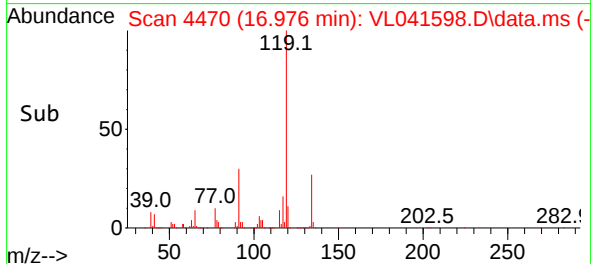
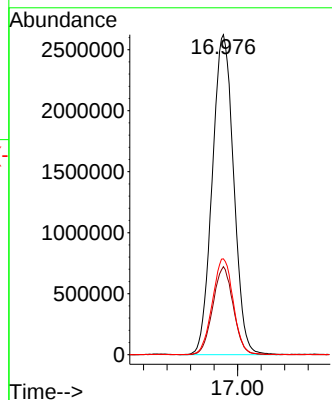
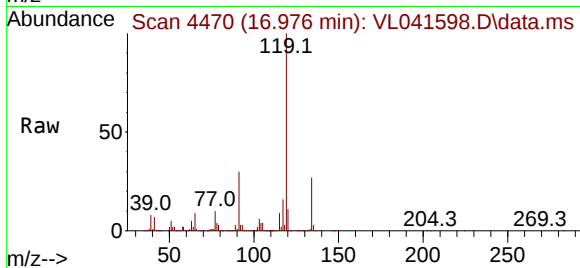
Tgt Ion:119 Resp: 6613794

Ion Ratio Lower Upper

119 100

134 26.3 20.5 30.7

91 29.2 23.0 34.6



#70

n-Butylbenzene

Concen: 13.542 ppbv

RT: 17.863 min Scan# 4746

Delta R.T. 0.000 min

Lab File: VL041598.D

Acq: 16 Sep 2024 17:20

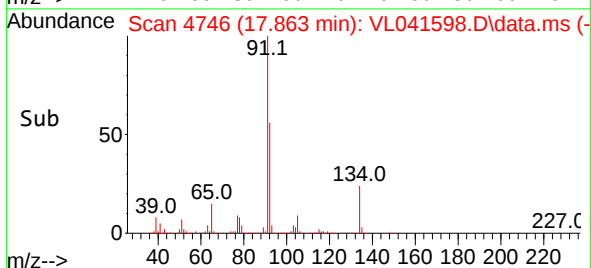
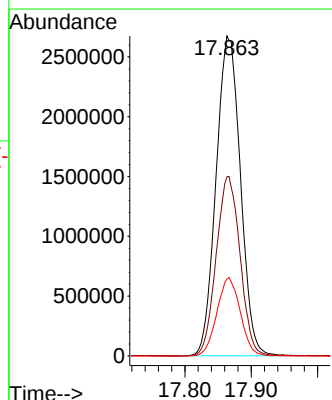
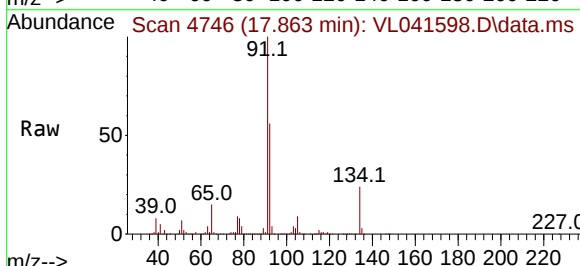
Tgt Ion: 91 Resp: 6825900

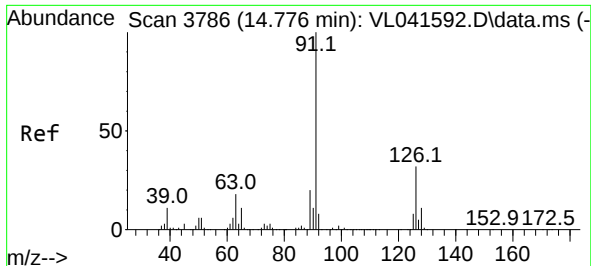
Ion Ratio Lower Upper

91 100

92 55.1 43.0 64.6

134 23.6 18.6 27.8

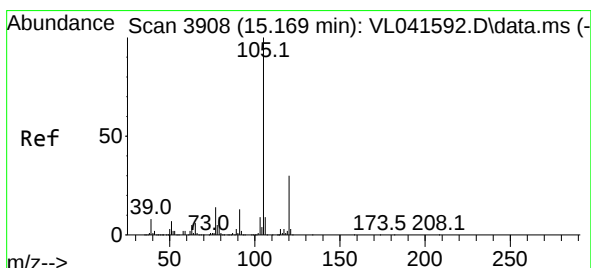
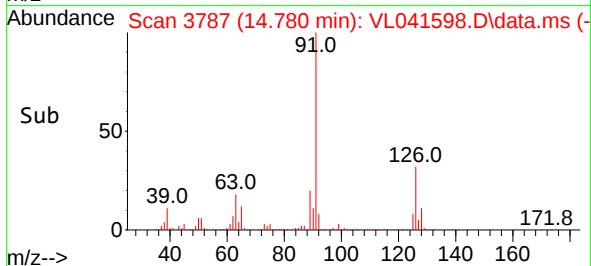
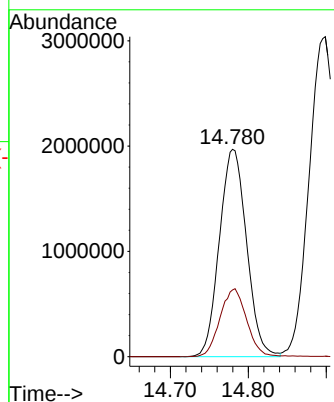
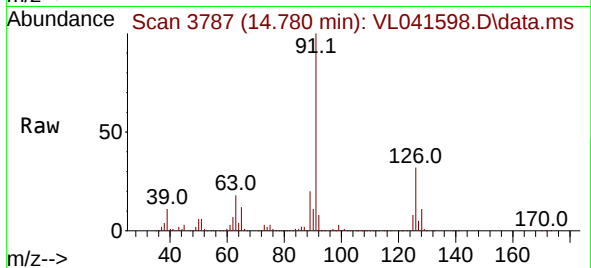




#71
2-Chlorotoluene
Concen: 13.599 ppbv
RT: 14.780 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL041598.D
Acq: 16 Sep 2024 17:20

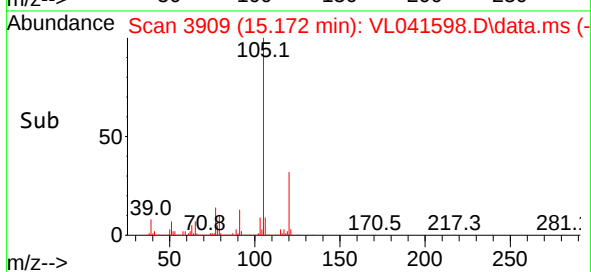
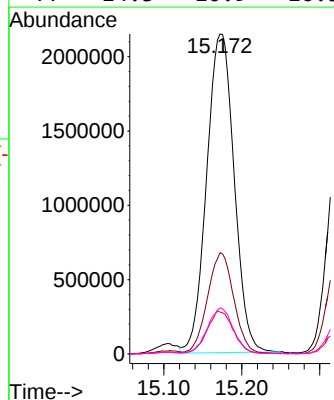
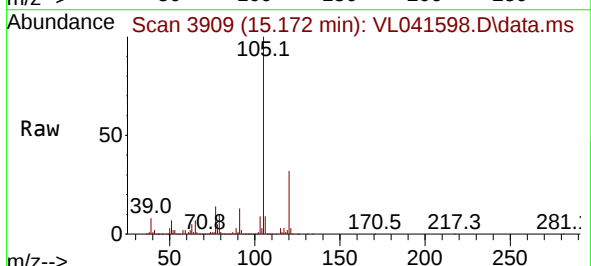
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

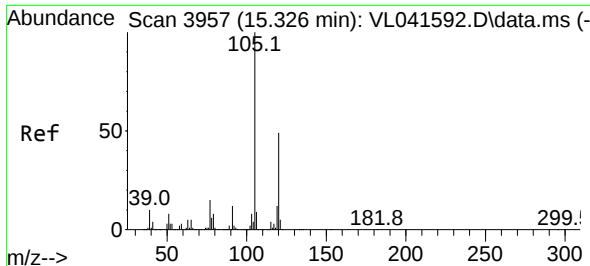
Tgt Ion: 91 Resp: 4774971
Ion Ratio Lower Upper
91 100
126 32.3 12.8 51.0



#72
4-Ethyltoluene
Concen: 14.243 ppbv
RT: 15.172 min Scan# 3909
Delta R.T. 0.003 min
Lab File: VL041598.D
Acq: 16 Sep 2024 17:20

Tgt Ion: 105 Resp: 5251979
Ion Ratio Lower Upper
105 100
120 31.6 24.1 36.1
91 12.9 10.2 15.2
77 14.3 10.9 16.3

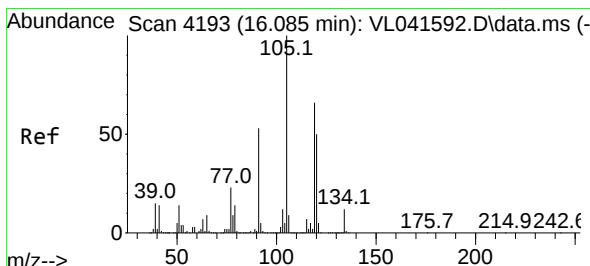
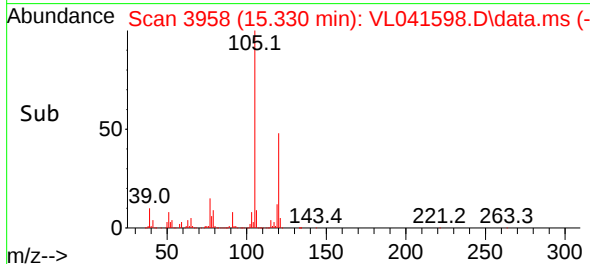
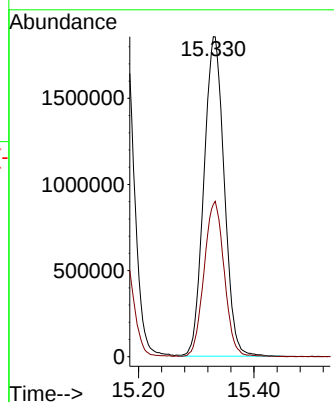
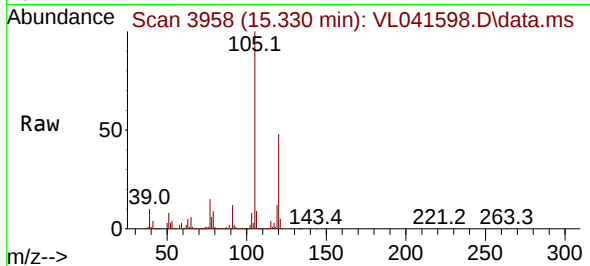




#73
 1,3,5-Trimethylbenzene
 Concen: 14.254 ppbv
 RT: 15.330 min Scan# 3957
 Delta R.T. 0.003 min
 Lab File: VL041598.D
 Acq: 16 Sep 2024 17:20

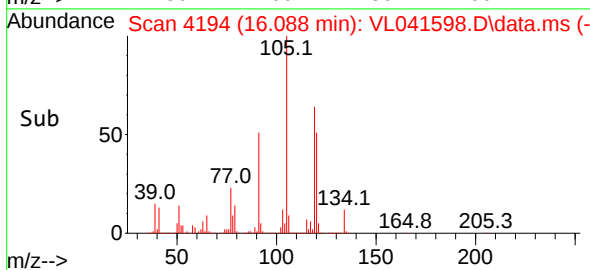
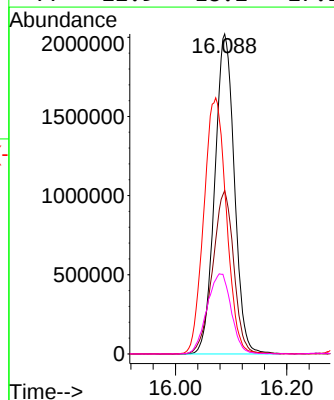
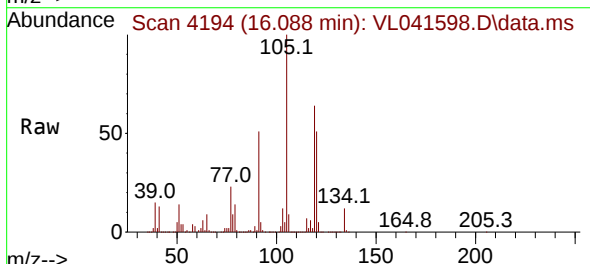
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

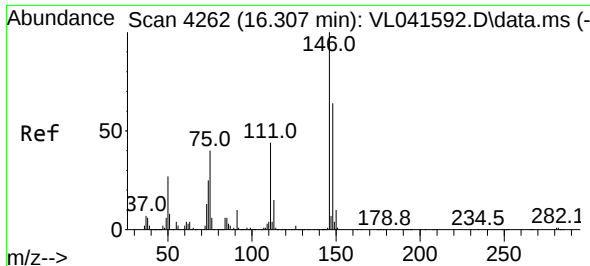
Tgt Ion:105 Resp: 4527850
 Ion Ratio Lower Upper
 105 100
 120 47.6 39.4 59.0



#74
 1,2,4-Trimethylbenzene
 Concen: 13.368 ppbv
 RT: 16.088 min Scan# 4194
 Delta R.T. 0.003 min
 Lab File: VL041598.D
 Acq: 16 Sep 2024 17:20

Tgt Ion:105 Resp: 4937113
 Ion Ratio Lower Upper
 105 100
 120 51.0 39.9 59.9
 91 51.3 42.6 63.8
 77 22.9 18.2 27.2

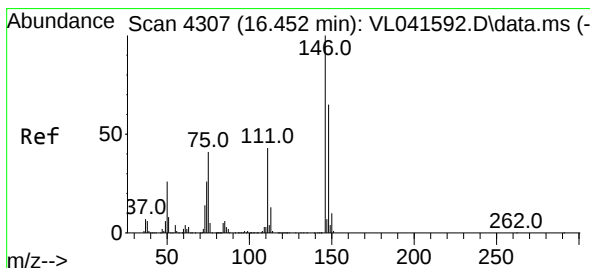
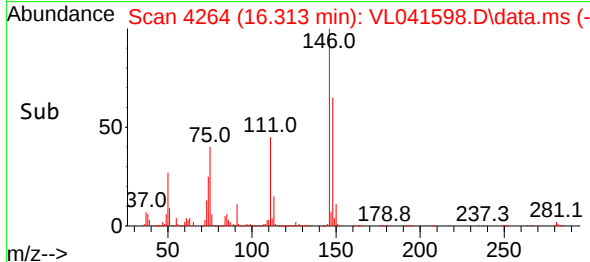
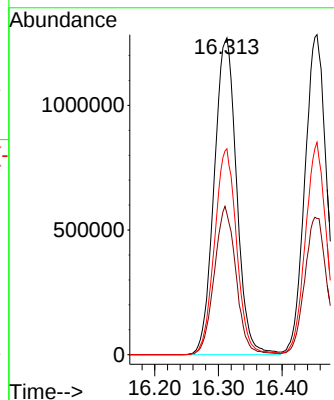
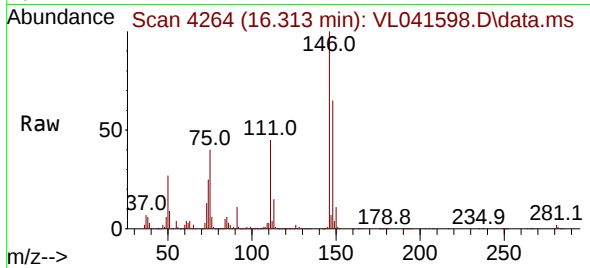




#75
1,3-Dichlorobenzene
Concen: 13.410 ppbv
RT: 16.313 min Scan# 41
Delta R.T. 0.006 min
Lab File: VL041598.D
Acq: 16 Sep 2024 17:20

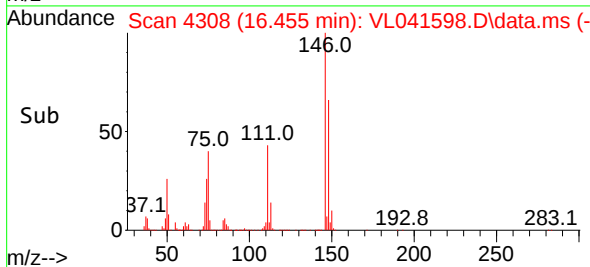
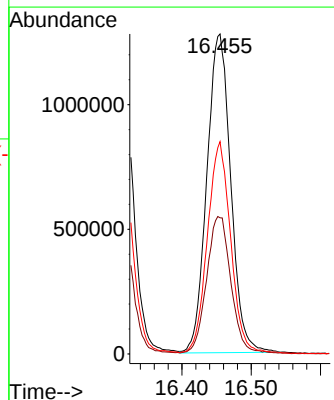
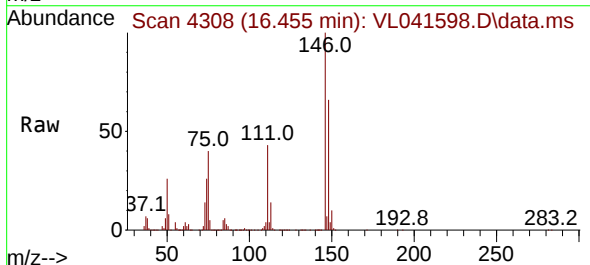
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ClientSampleId :
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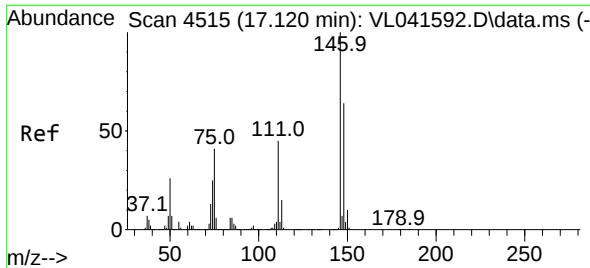
Tgt Ion:146 Resp: 3113298
Ion Ratio Lower Upper
146 100
111 45.3 22.3 66.9
148 64.2 32.2 96.6



#76
1,4-Dichlorobenzene
Concen: 13.630 ppbv
RT: 16.455 min Scan# 4308
Delta R.T. 0.003 min
Lab File: VL041598.D
Acq: 16 Sep 2024 17:20

Tgt Ion:146 Resp: 3063921
Ion Ratio Lower Upper
146 100
111 44.1 22.4 67.3
148 65.5 32.8 98.4

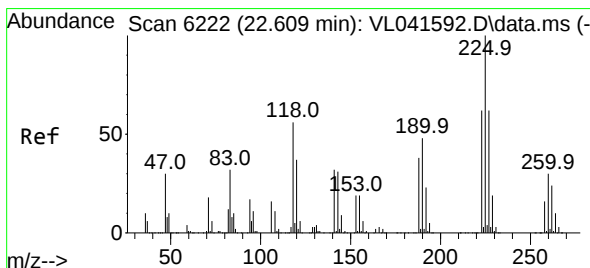
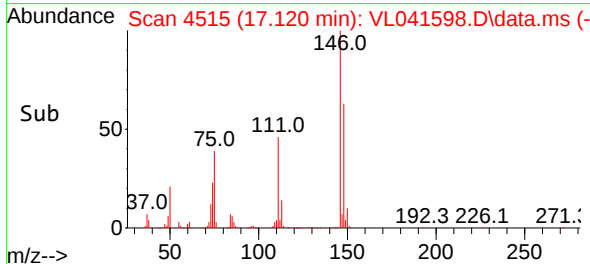
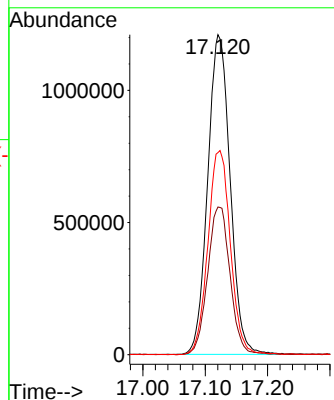
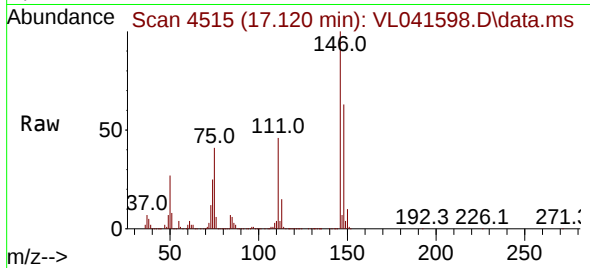




#77
1,2-Dichlorobenzene
Concen: 13.102 ppbv
RT: 17.120 min Scan# 4515
Delta R.T. 0.000 min
Lab File: VL041598.D
Acq: 16 Sep 2024 17:20

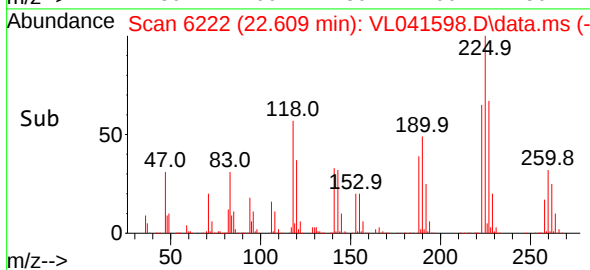
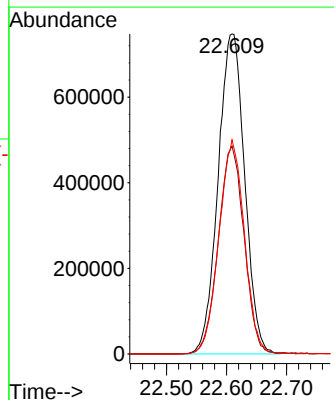
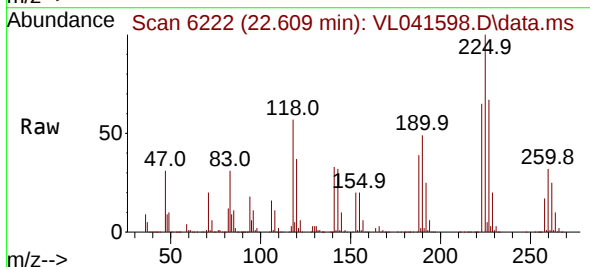
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

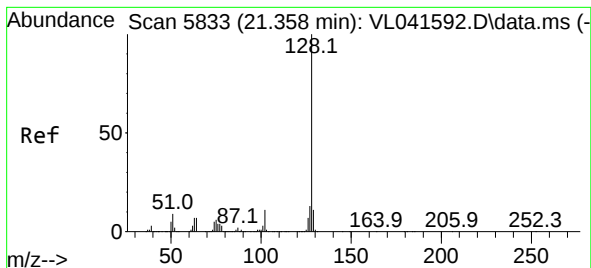
Tgt Ion:146 Resp: 3015374
Ion Ratio Lower Upper
146 100
111 46.6 23.3 69.9
148 64.3 32.4 97.0



#78
Hexachloro-1,3-Butadiene
Concen: 11.730 ppbv
RT: 22.609 min Scan# 6222
Delta R.T. 0.000 min
Lab File: VL041598.D
Acq: 16 Sep 2024 17:20

Tgt Ion:225 Resp: 2302119
Ion Ratio Lower Upper
225 100
223 63.0 50.6 76.0
227 64.2 50.8 76.2





#79

Naphthalene

Concen: 15.084 ppbv

RT: 21.358 min Scan# 5833

Delta R.T. 0.000 min

Lab File: VL041598.D

Acq: 16 Sep 2024 17:20

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC015

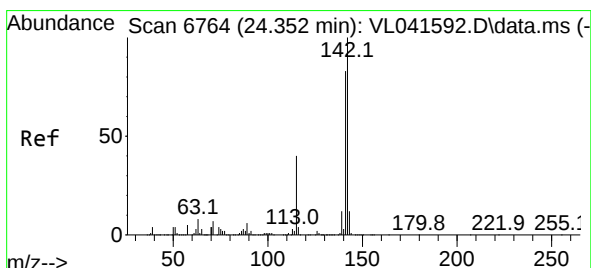
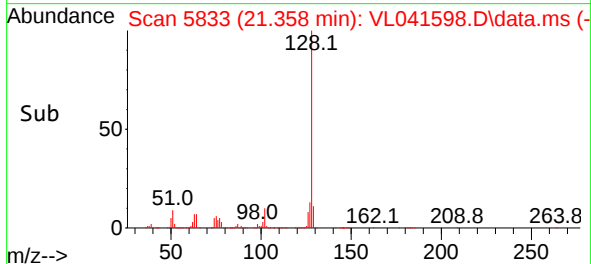
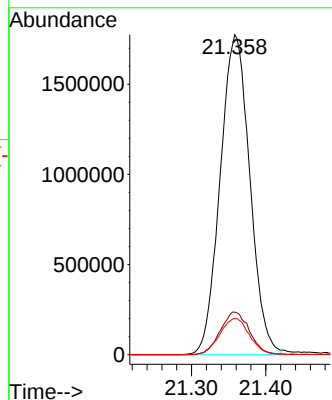
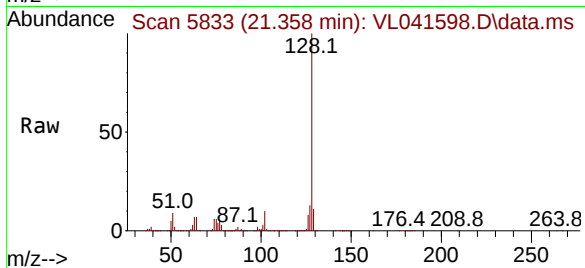
Tgt Ion:128 Resp: 4916804

Ion Ratio Lower Upper

128 100

127 13.3 10.1 15.1

129 11.4 9.1 13.7



#80

Naphthalene,2-methyl-

Concen: 14.273 ppbv

RT: 24.355 min Scan# 6765

Delta R.T. 0.003 min

Lab File: VL041598.D

Acq: 16 Sep 2024 17:20

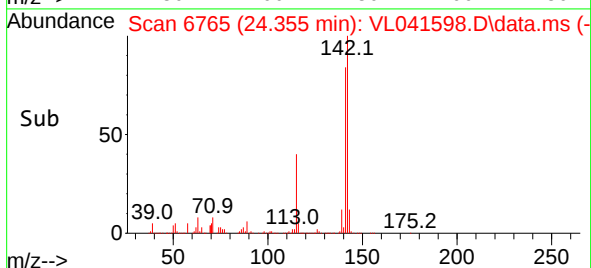
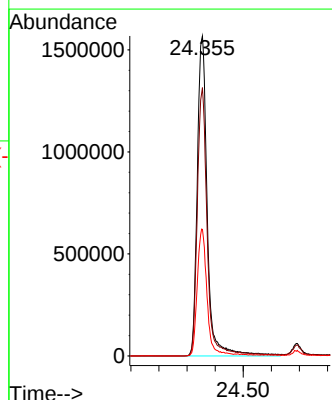
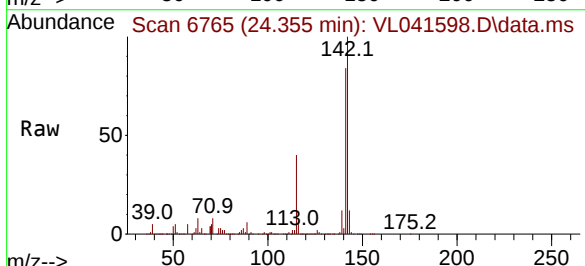
Tgt Ion:142 Resp: 3899900

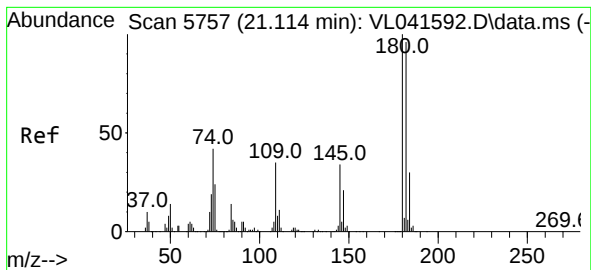
Ion Ratio Lower Upper

142 100

141 82.8 67.2 100.8

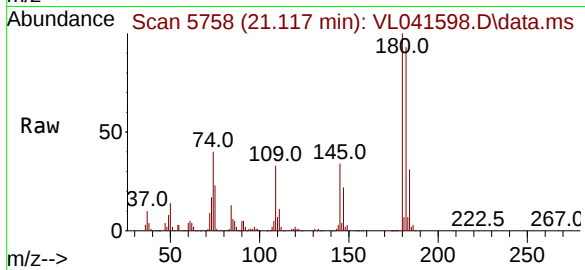
115 39.3 31.8 47.6





#81
 1,2,4-Trichlorobenzene
 Concen: 13.487 ppbv
 RT: 21.117 min Scan# 51
 Delta R.T. 0.003 min
 Lab File: VL041598.D
 Acq: 16 Sep 2024 17:20

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015



Tgt Ion:180 Resp: 2616194

Ion	Ratio	Lower	Upper
180	100		
182	96.1	77.8	116.6
184	31.2	24.7	37.1

