

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091624\
 Data File : VL041598.D
 Acq On : 16 Sep 2024 17:20
 Operator : SY/MD
 Sample : VSTDIC015
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Sep 17 04:30:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Sep 17 02:32:57 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	3223784	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.757	95	2332788	9.469	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.700%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.719	85	1900049	9.522	ppbv	100
3) Chlorodifluoromethane	2.664	51	1860879	13.223	ppbv	99
4) Chloromethane	2.803	50	1029481	13.614	ppbv	98
5) Vinyl Chloride	2.909	62	1021949	13.877	ppbv	99
6) Bromomethane	3.105	94	462431	12.423	ppbv	99
7) Chloroethane	3.185	64	360774	14.107	ppbv	98
8) Dichlorotetrafluoroethane	2.845	85	2287936	12.700	ppbv	99
9) Propene	2.684	41	862437	13.302	ppbv	100
10) Heptane	7.561	43	2181339	14.932	ppbv	99
11) Trichlorofluoromethane	3.549	101	2384942	13.200	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.050	101	1737916	13.340	ppbv	99
13) Ethanol	3.234	45	22604	4.168	ppbv	81
14) Bromoethene	3.353	108	722975	14.266	ppbv	100
15) Acetone	3.452	43	1746071	13.004	ppbv	99
16) 1,3-Butadiene	2.973	39	997661	13.873	ppbv	99
17) tert-Butyl alcohol	3.861	59	1826662	14.890	ppbv	99
18) 1,1-Dichloroethene	3.864	96	783989	14.046	ppbv	98
19) Isopropyl Alcohol	3.562	45	998621	12.870	ppbv	99
20) Methylene Chloride	3.918	84	642783	12.806	ppbv	93
21) Allyl Chloride	3.979	41	1225956	13.967	ppbv	100
22) trans-1,2-Dichloroethene	4.430	96	781882	14.063	ppbv	99
23) Vinyl Acetate	4.610	43	1212589	12.445	ppbv #	98
24) 1,1-Dichloroethane	4.549	63	1656513	13.656	ppbv	99
25) Ethyl Acetate	5.185	43	3850317	14.297	ppbv	99
26) Hexane	5.195	57	1577948	14.219	ppbv	98
27) Carbon Disulfide	4.108	76	1898447	14.776	ppbv	100
28) Methyl tert-Butyl Ether	4.568	73	934921	13.457	ppbv	100
29) Chloroform	5.259	83	2472134	13.693	ppbv	98
30) Cyclohexane	6.584	84	1384242	15.359	ppbv	96
31) cis-1,2-Dichloroethene	5.063	61	1572482	14.429	ppbv	99
32) 1,1,1-Trichloroethane	5.986	97	2449235	13.962	ppbv	99
34) 2-Butanone	4.767	43	2226315	14.115	ppbv	98
35) Carbon Tetrachloride	6.478	117	2562607	14.282	ppbv	99
36) Benzene	6.352	78	3400759	14.257	ppbv	98
37) 1,2-Dichloroethane	5.790	62	1894411	14.184	ppbv	99
38) Trichloroethene	7.272	130	1777141	15.908	ppbv	97
39) 1,2-Dichloropropane	7.057	63	1318620	14.381	ppbv	99
40) 1,4-Dioxane	7.266	88	453503	12.415	ppbv #	47
41) Tetrahydrofuran	5.536	42	1391996	15.326	ppbv	100
42) Bromodichloromethane	7.233	83	2707351	14.093	ppbv	97
43) Methyl Methacrylate	7.455	69	1368120	16.060	ppbv	98
44) 2,2,4-Trimethylpentane	7.307	57	5619291	14.036	ppbv	99
45) t-1,3-Dichloropropene	8.693	75	1264444	16.662	ppbv	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091624\
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 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

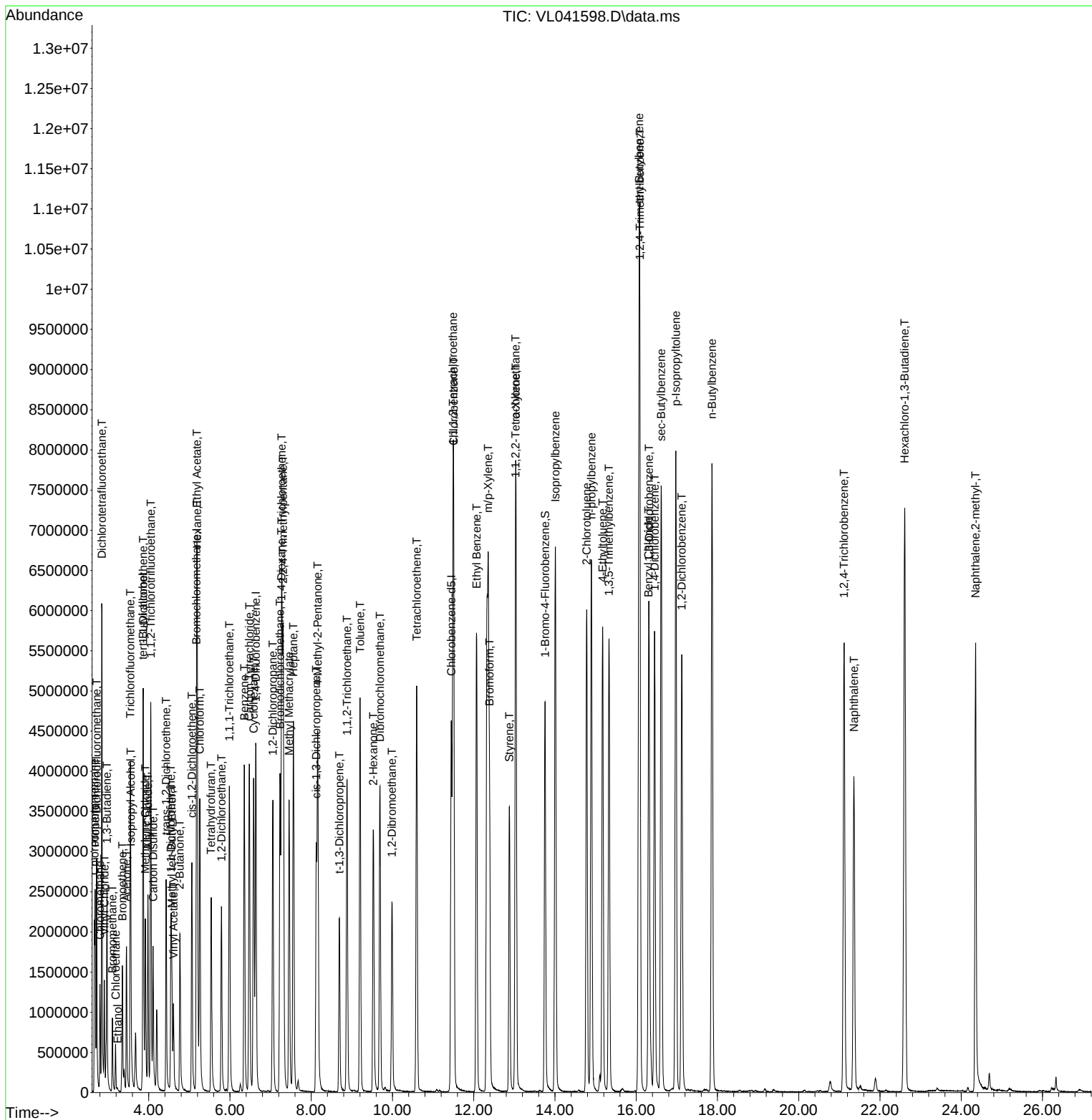
Instrument :
 MSVOA_L
 ClientSampleId :

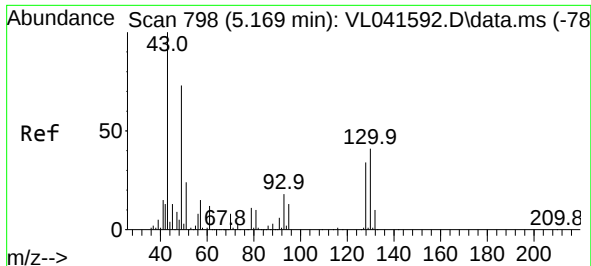
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 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Sep 17 02:32:57 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.124	75	1733083	15.539	ppbv	100
47) 1,1,2-Trichloroethane	8.880	97	1416240	14.064	ppbv	97
48) Dibromochloromethane	9.693	129	2380715	14.785	ppbv	99
49) Bromoform	12.388	173	2103505	15.494	ppbv	100
50) 4-Methyl-2-Pentanone	8.159	43	3768387	15.097	ppbv	99
51) 2-Hexanone	9.529	43	3039864	16.220	ppbv	98
52) Tetrachloroethene	10.597	164	1298509	14.148	ppbv	99
53) Toluene	9.204	91	3987119	15.023	ppbv	99
54) 1,2-Dibromoethane	9.989	107	1951435	14.730	ppbv	100
56) 1,1,1,2-Tetrachloroethane	11.490	131	1724113	13.745	ppbv	94
57) Chlorobenzene	11.507	112	3100633	13.437	ppbv	98
58) Ethyl Benzene	12.069	91	5323752	14.271	ppbv	100
59) m/p-Xylene	12.352	91	4809276	14.942	ppbv #	38
60) o-Xylene	13.037	91	4380559	14.346	ppbv	100
61) Styrene	12.879	104	2207148	16.091	ppbv	100
62) Isopropylbenzene	14.011	105	6290796	13.587	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.027	83	2059305	11.046	ppbv	99
64) n-propylbenzene	14.899	120	1733510	14.335	ppbv	94
65) tert-Butylbenzene	16.072	119	5661694	13.543	ppbv	100
66) Benzyl Chloride	16.304	91	343877	13.685	ppbv	97
67) sec-Butylbenzene	16.616	105	7844186	13.585	ppbv	98
69) p-Isopropyltoluene	16.976	119	6613794	13.831	ppbv	99
70) n-Butylbenzene	17.863	91	6825900	13.918	ppbv	99
71) 2-Chlorotoluene	14.780	91	4774971	13.992	ppbv	100
72) 4-Ethyltoluene	15.172	105	5251979	14.659	ppbv	98
73) 1,3,5-Trimethylbenzene	15.330	105	4527850	14.668	ppbv	98
74) 1,2,4-Trimethylbenzene	16.088	105	4937113	13.746	ppbv	98
75) 1,3-Dichlorobenzene	16.313	146	3113298	13.810	ppbv	100
76) 1,4-Dichlorobenzene	16.455	146	3063921	14.046	ppbv	99
77) 1,2-Dichlorobenzene	17.120	146	3015374	13.507	ppbv	100
78) Hexachloro-1,3-Butadiene	22.609	225	2302119	12.136	ppbv	100
79) Naphthalene	21.358	128	4916804	15.823	ppbv	99
80) Naphthalene,2-methyl-	24.355	142	3899900	15.657	ppbv	100
81) 1,2,4-Trichlorobenzene	21.117	180	2616194	14.130	ppbv	99

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

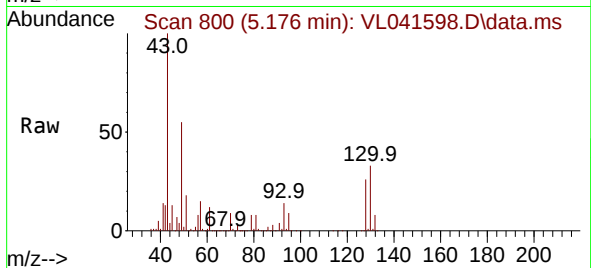
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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Tue Sep 17 02:32:57 2024
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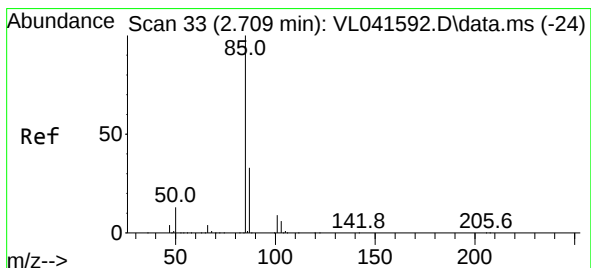
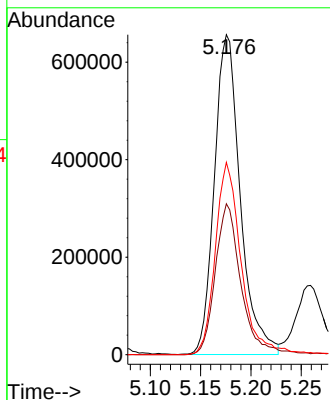
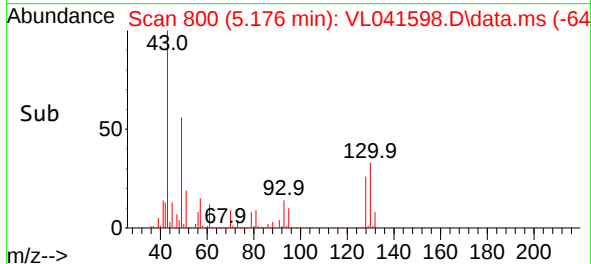


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.176 min Scan# 80
Delta R.T. 0.007 min
Lab File: VL041598.D
Acq: 16 Sep 2024 17:20

Instrument :
MSVOA_L
ClientSampleId :

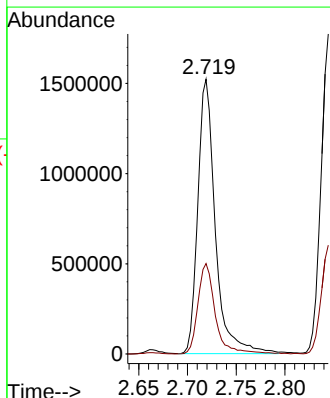
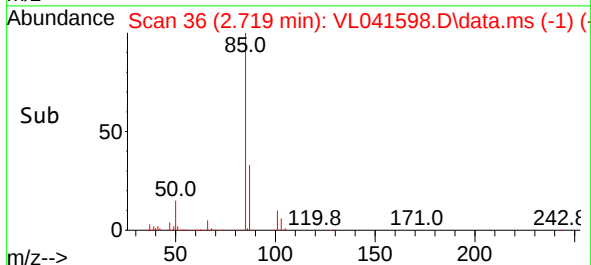
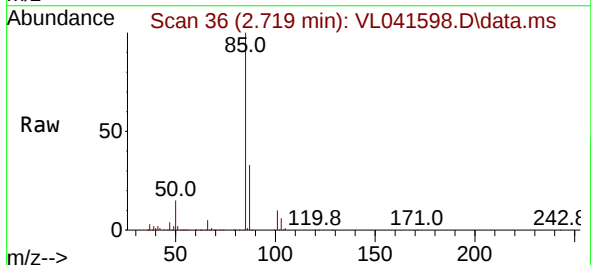


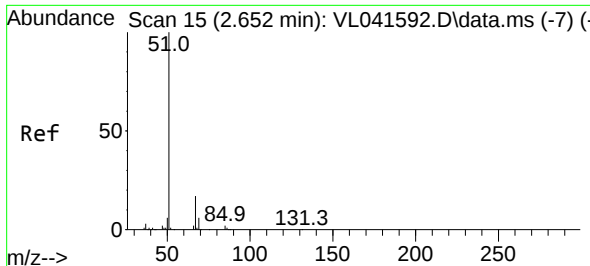
Tgt Ion: 49 Resp: 1175483
Ion Ratio Lower Upper
49 100
128 47.6 23.8 71.5
130 60.9 30.4 91.3



#2
Dichlorodifluoromethane
Concen: 9.522 ppbv
RT: 2.719 min Scan# 36
Delta R.T. 0.010 min
Lab File: VL041598.D
Acq: 16 Sep 2024 17:20

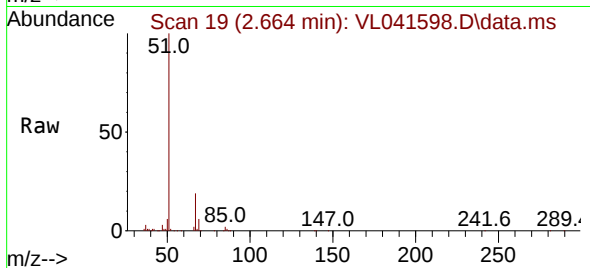
Tgt Ion: 85 Resp: 1900049
Ion Ratio Lower Upper
85 100
87 32.9 26.3 39.5



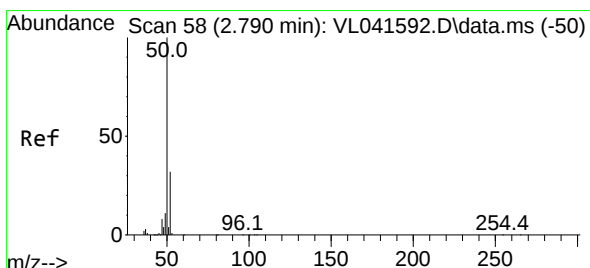
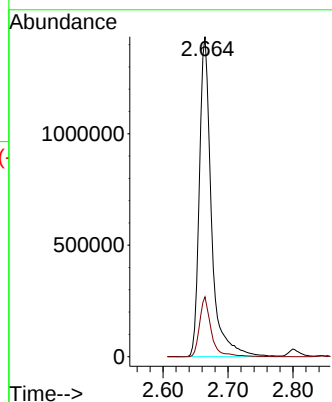
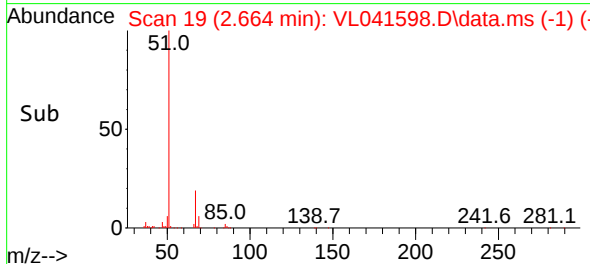


#3
Chlorodifluoromethane
Concen: 13.223 ppbv
RT: 2.664 min Scan# 19
Delta R.T. 0.013 min
Lab File: VL041598.D
Acq: 16 Sep 2024 17:20

Instrument :
MSVOA_L
ClientSampleId :

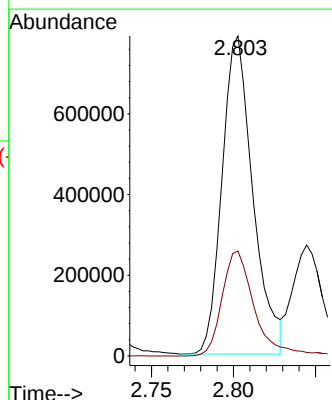
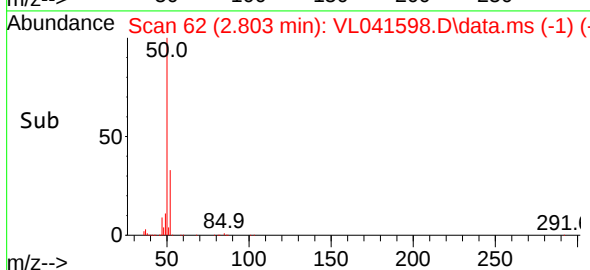
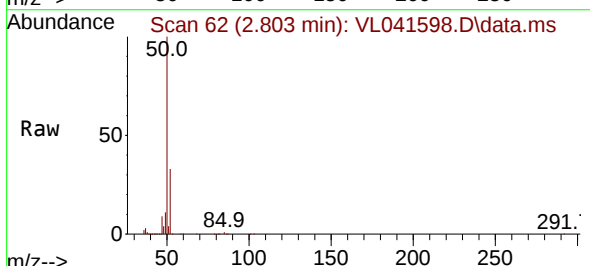


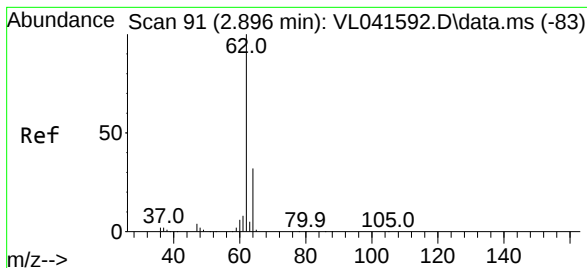
Tgt Ion: 51 Resp: 1860879
Ion Ratio Lower Upper
51 100
67 18.0 14.1 21.1



#4
Chloromethane
Concen: 13.614 ppbv
RT: 2.803 min Scan# 62
Delta R.T. 0.013 min
Lab File: VL041598.D
Acq: 16 Sep 2024 17:20

Tgt Ion: 50 Resp: 1029481
Ion Ratio Lower Upper
50 100
52 33.0 25.4 38.2

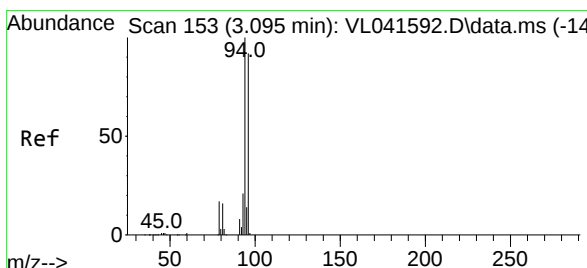
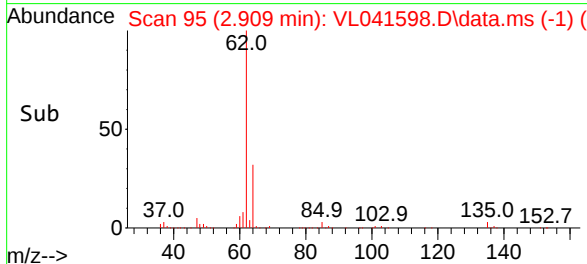
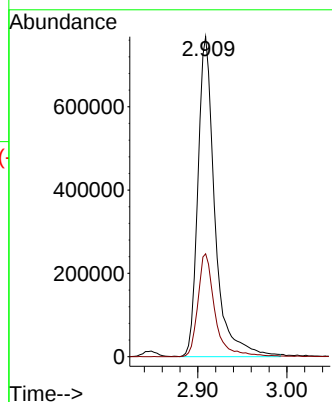
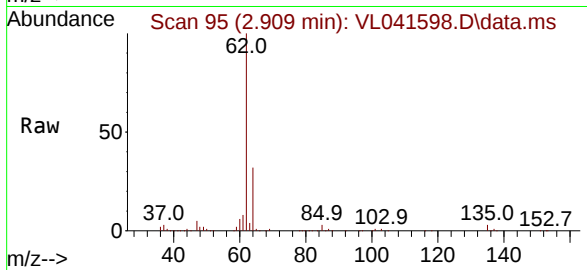




#5
 Vinyl Chloride
 Concen: 13.877 ppbv
 RT: 2.909 min Scan# 91
 Delta R.T. 0.013 min
 Lab File: VL041598.D
 Acq: 16 Sep 2024 17:20

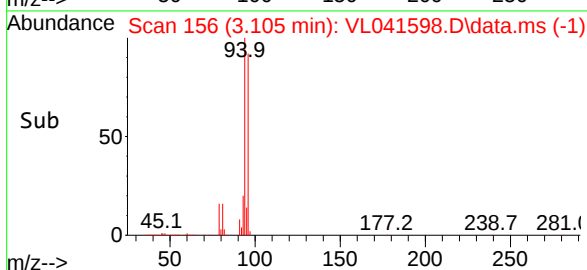
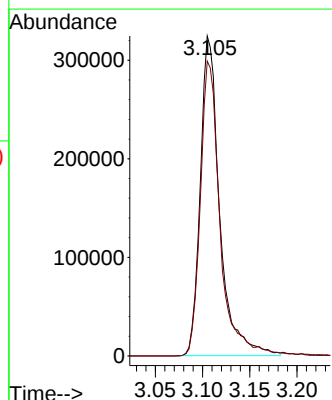
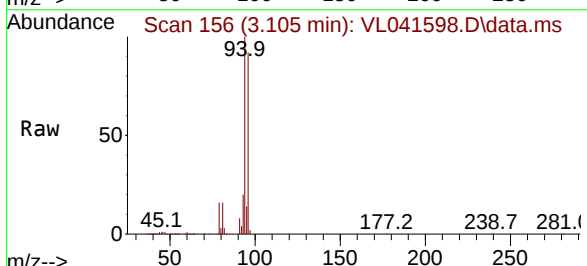
Instrument :
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 ClientSampleId :

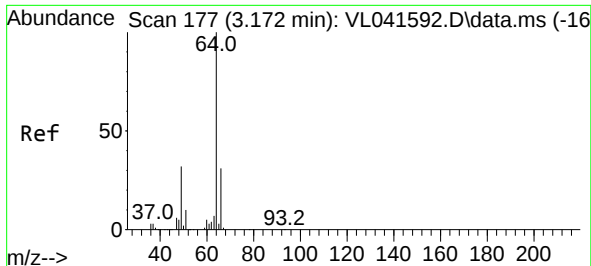
Tgt Ion: 62 Resp: 1021949
 Ion Ratio Lower Upper
 62 100
 64 32.1 26.0 39.0



#6
 Bromomethane
 Concen: 12.423 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: 14.107 ppbv

RT: 3.185 min Scan# 11

Delta R.T. 0.013 min

Lab File: VL041598.D

Acq: 16 Sep 2024 17:20

Instrument :

MSVOA_L

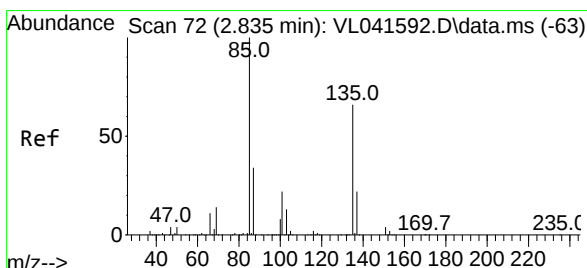
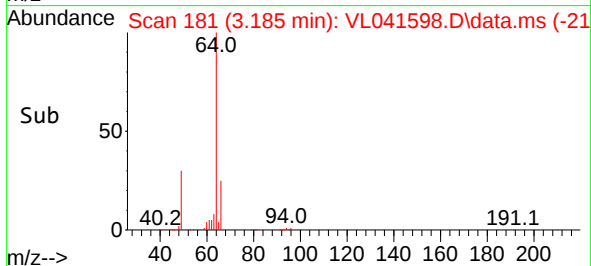
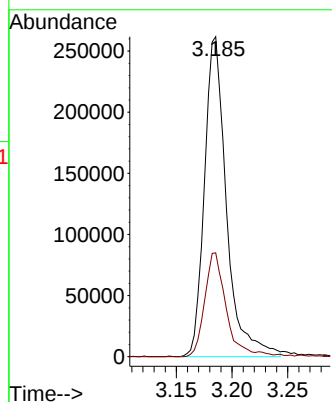
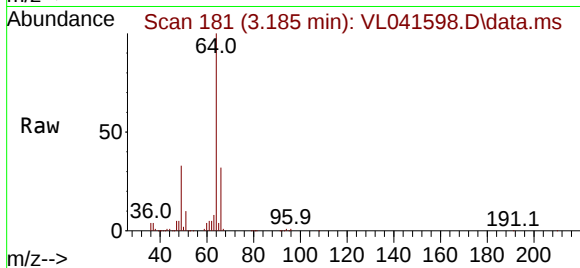
ClientSampleId :

Tgt Ion: 64 Resp: 360774

Ion Ratio Lower Upper

64 100

66 32.4 25.1 37.7



#8

Dichlorotetrafluoroethane

Concen: 12.700 ppbv

RT: 2.845 min Scan# 75

Delta R.T. 0.010 min

Lab File: VL041598.D

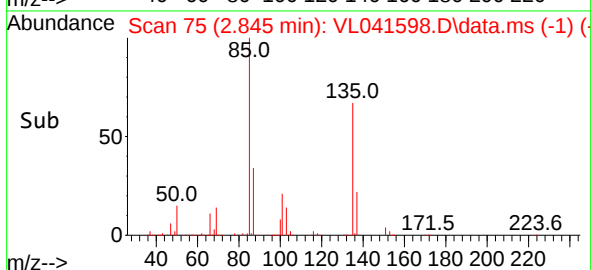
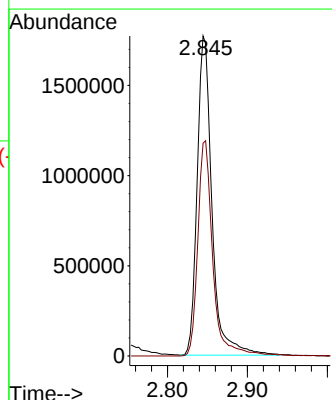
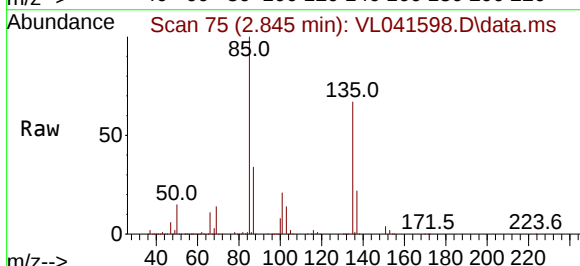
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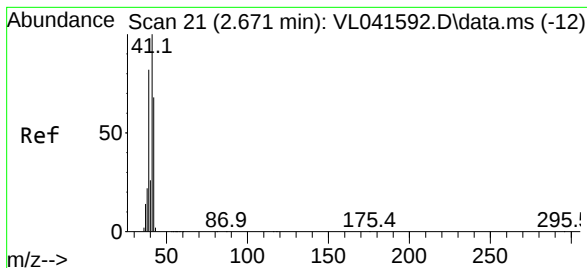
Tgt Ion: 85 Resp: 2287936

Ion Ratio Lower Upper

85 100

135 68.5 53.9 80.9





#9

Propene

Concen: 13.302 ppbv

RT: 2.684 min Scan# 21

Delta R.T. 0.013 min

Lab File: VL041598.D

Acq: 16 Sep 2024 17:20

Instrument :

MSVOA_L

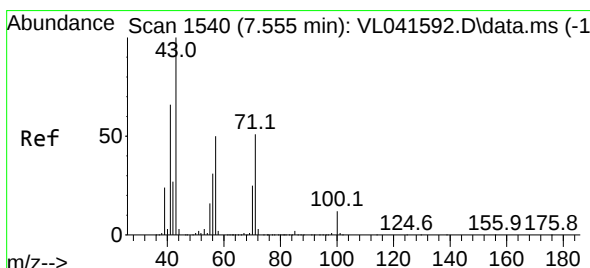
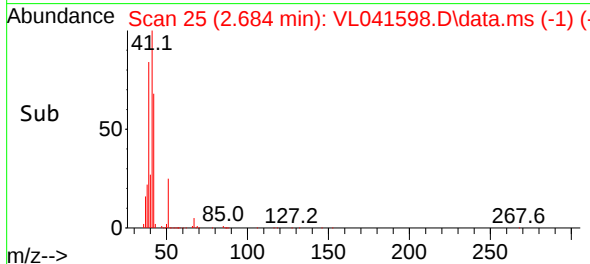
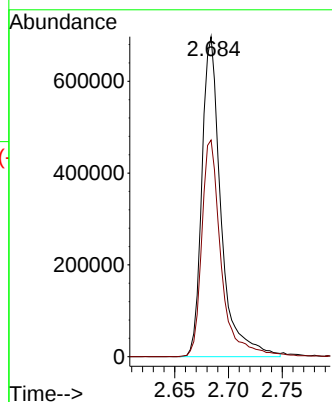
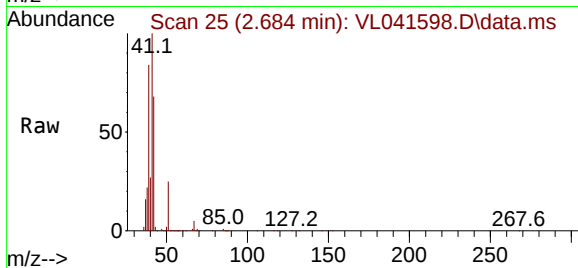
ClientSampleId :

Tgt Ion: 41 Resp: 862437

Ion Ratio Lower Upper

41 100

42 69.4 55.2 82.8



#10

Heptane

Concen: 14.932 ppbv

RT: 7.561 min Scan# 1542

Delta R.T. 0.006 min

Lab File: VL041598.D

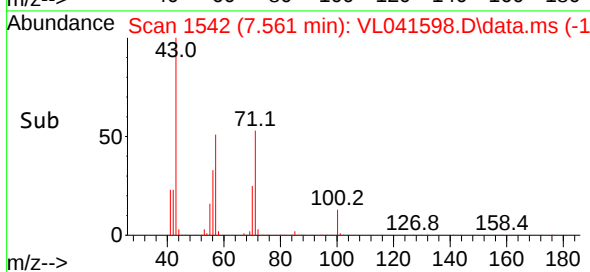
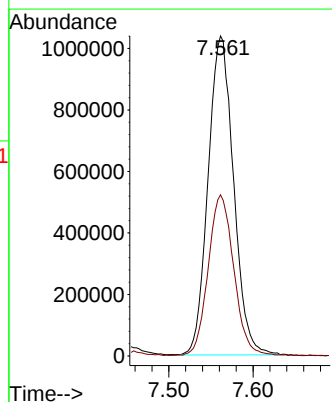
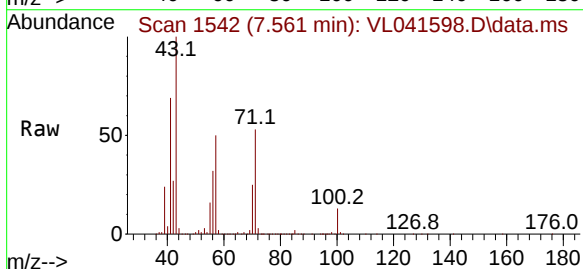
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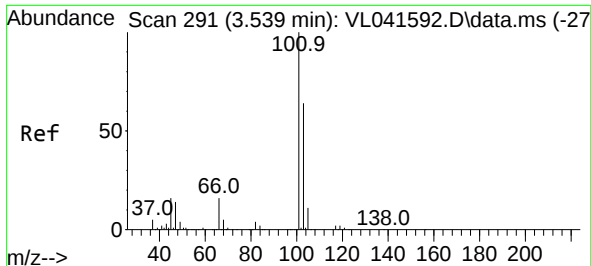
Tgt Ion: 43 Resp: 2181339

Ion Ratio Lower Upper

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57 50.7 39.8 59.8

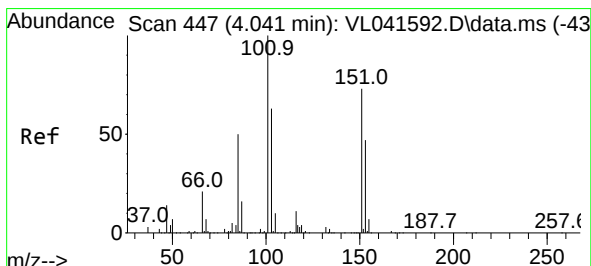
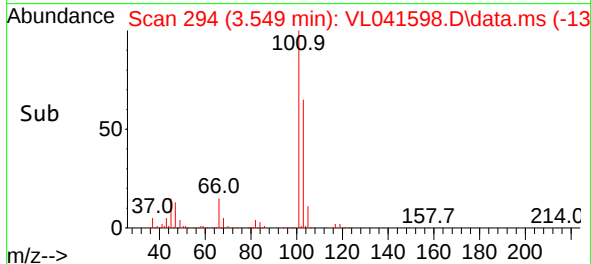
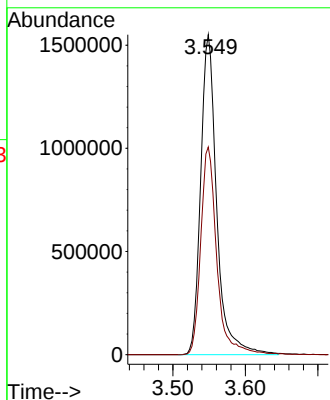
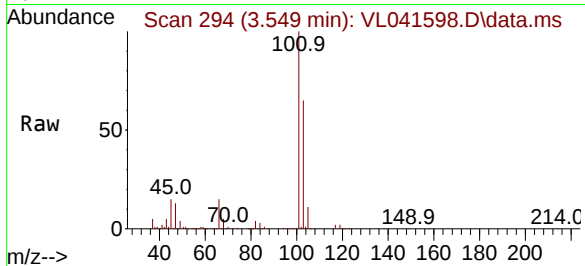




#11
 Trichlorofluoromethane
 Concen: 13.200 ppbv
 RT: 3.549 min Scan# 291
 Delta R.T. 0.010 min
 Lab File: VL041598.D
 Acq: 16 Sep 2024 17:20

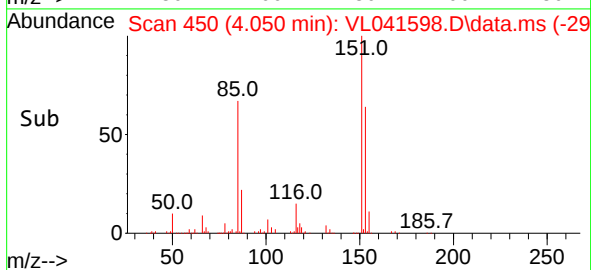
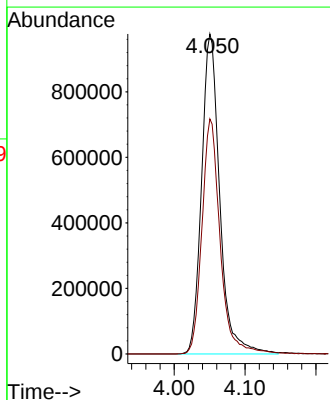
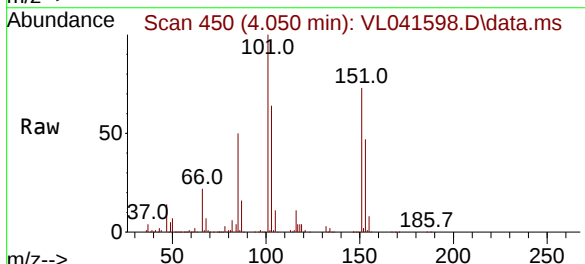
Instrument :
 MSVOA_L
 ClientSampleId :

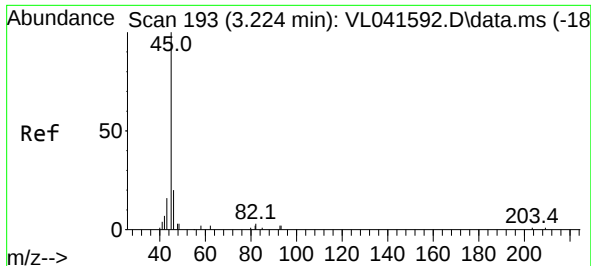
Tgt Ion:101 Resp: 2384942
 Ion Ratio Lower Upper
 101 100
 103 64.9 51.2 76.8



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 13.340 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 59.4 89.2

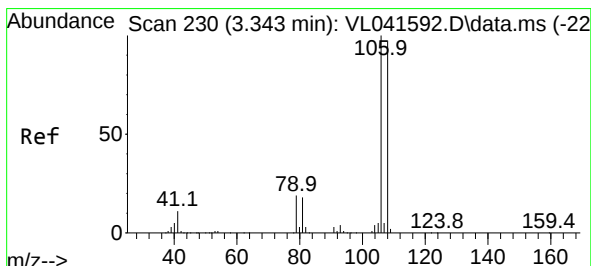
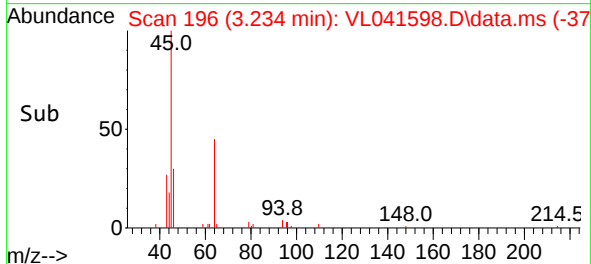
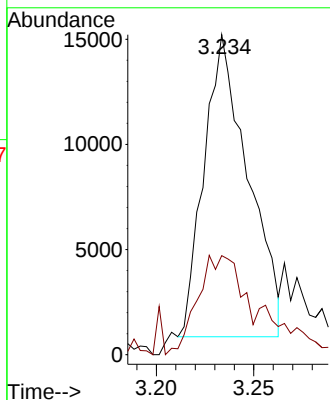
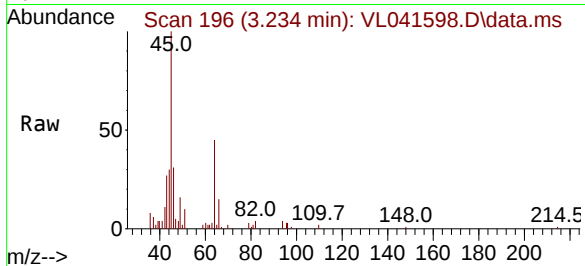




#13
Ethanol
Concen: 4.168 ppbv
RT: 3.234 min Scan# 196
Delta R.T. 0.010 min
Lab File: VL041598.D
Acq: 16 Sep 2024 17:20

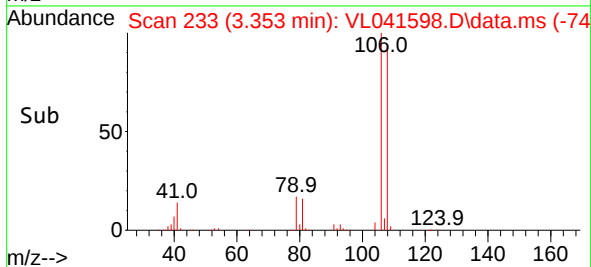
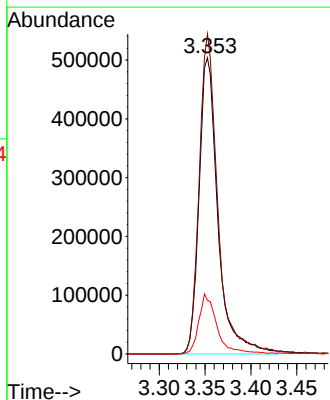
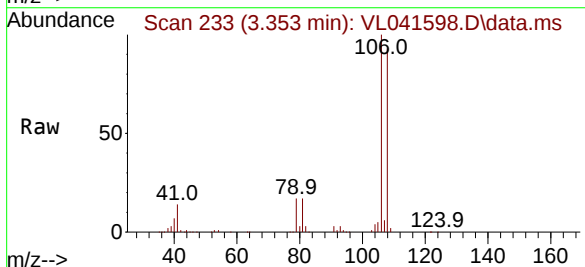
Instrument :
MSVOA_L
ClientSampleId :

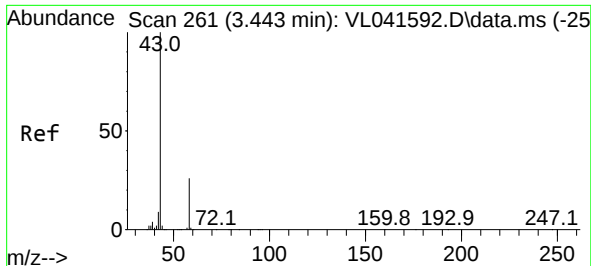
Tgt Ion: 45 Resp: 22604
Ion Ratio Lower Upper
45 100
46 49.6 15.2 60.8



#14
Bromoethene
Concen: 14.266 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

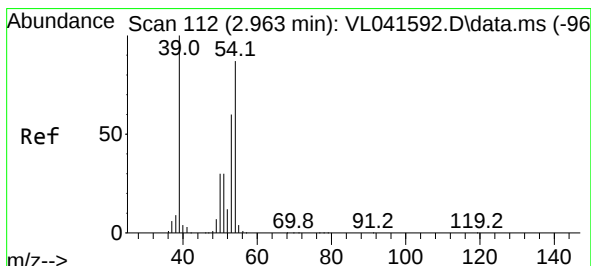
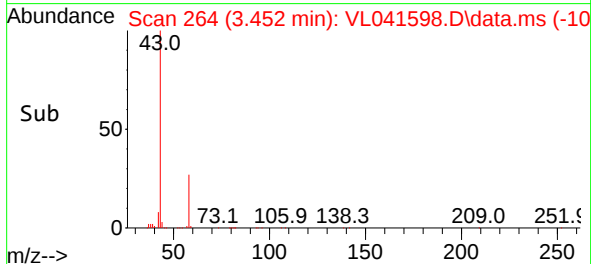
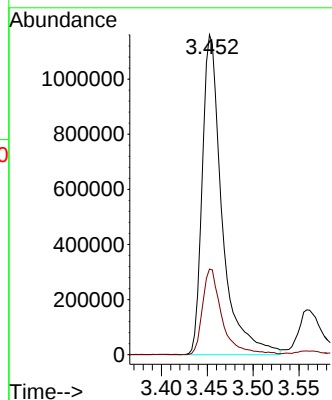
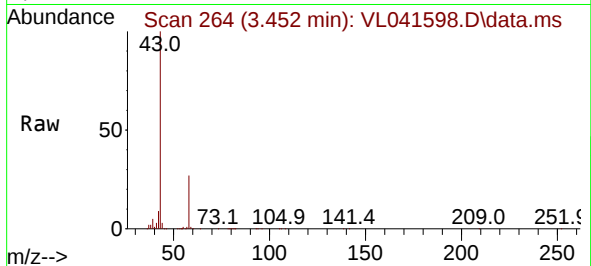




#15
Acetone
Concen: 13.004 ppbv
RT: 3.452 min Scan# 20
Delta R.T. 0.010 min
Lab File: VL041598.D
Acq: 16 Sep 2024 17:20

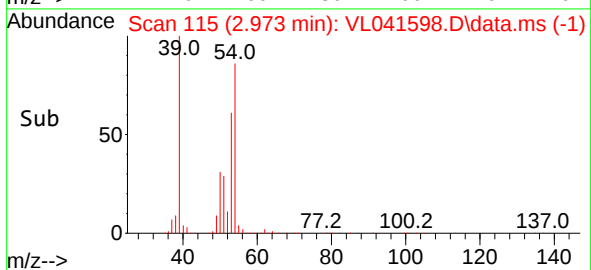
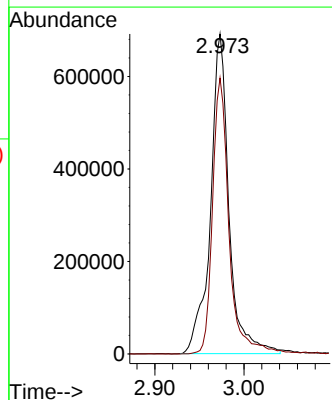
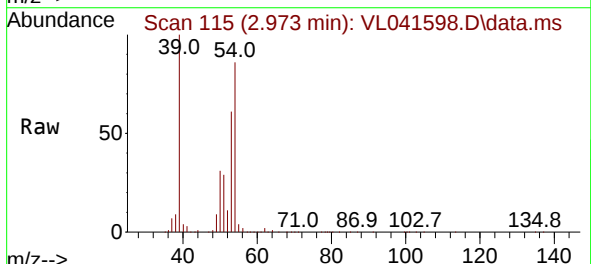
Instrument :
MSVOA_L
ClientSampleId :

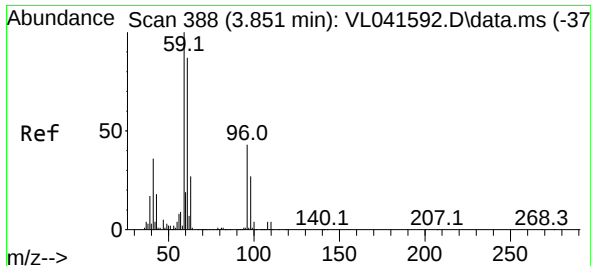
Tgt Ion: 43 Resp: 1746071
Ion Ratio Lower Upper
43 100
58 26.5 21.5 32.3



#16
1,3-Butadiene
Concen: 13.873 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: 14.890 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

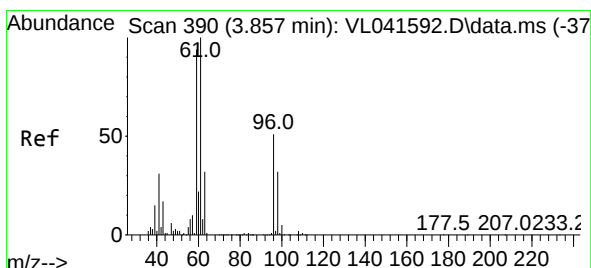
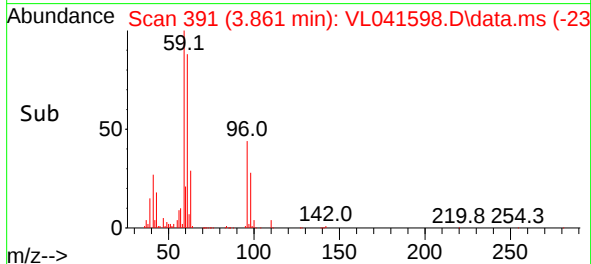
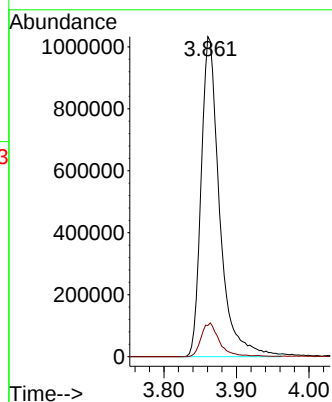
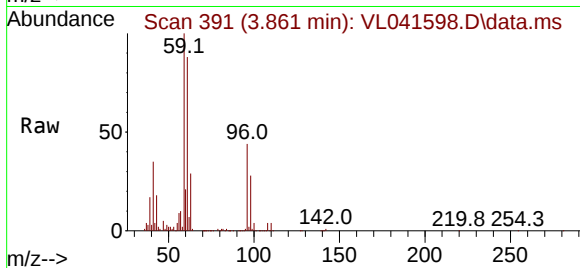
ClientSampleId :

Tgt Ion: 59 Resp: 1826662

Ion Ratio Lower Upper

59 100

57 10.7 8.7 13.1



#18

1,1-Dichloroethene

Concen: 14.046 ppbv

RT: 3.864 min Scan# 392

Delta R.T. 0.006 min

Lab File: VL041598.D

Acq: 16 Sep 2024 17:20

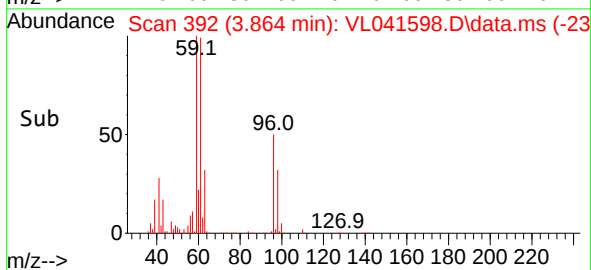
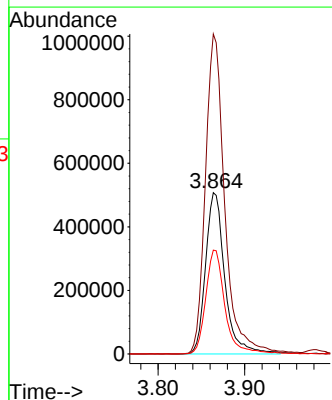
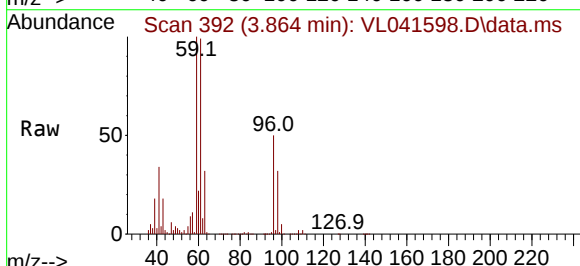
Tgt Ion: 96 Resp: 783989

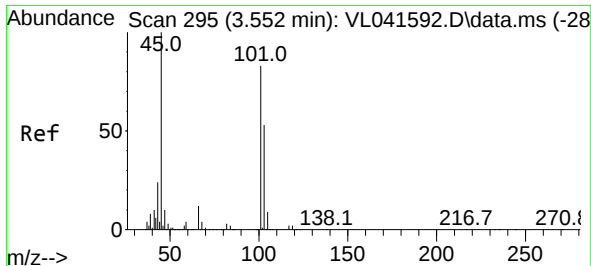
Ion Ratio Lower Upper

96 100

61 198.4 155.6 233.4

98 64.3 50.6 75.8

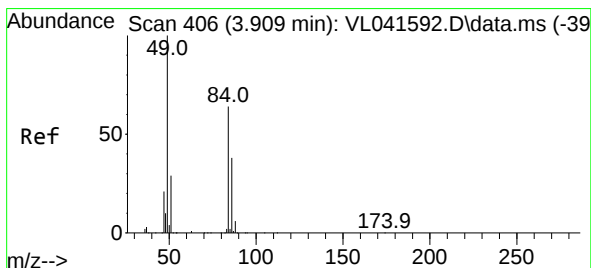
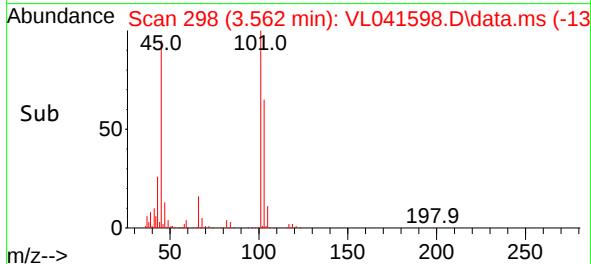
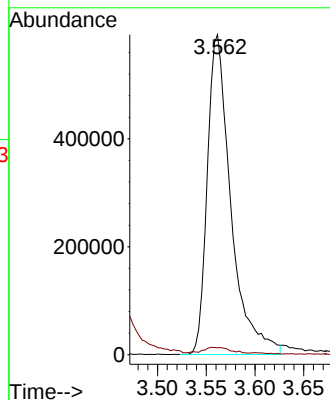
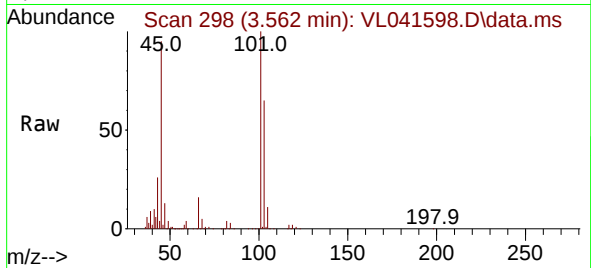




#19
Isopropyl Alcohol
Concen: 12.870 ppbv
RT: 3.562 min Scan# 295
Delta R.T. 0.010 min
Lab File: VL041598.D
Acq: 16 Sep 2024 17:20

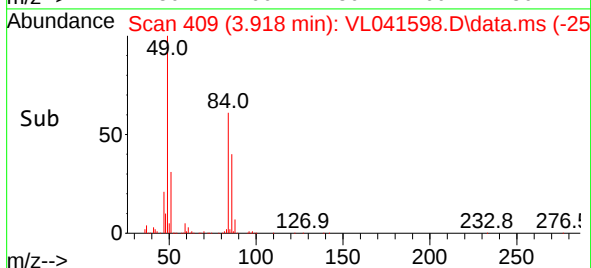
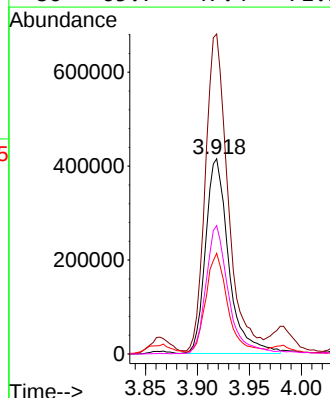
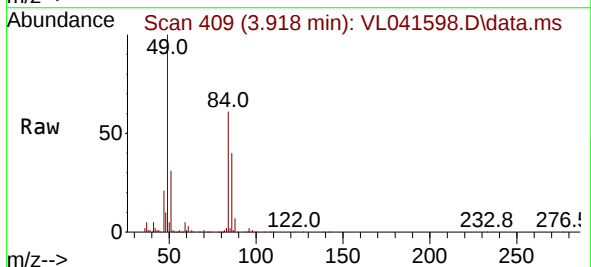
Instrument :
MSVOA_L
ClientSampleId :

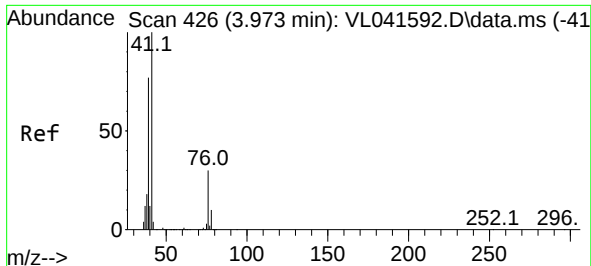
Tgt Ion: 45 Resp: 998621
Ion Ratio Lower Upper
45 100
58 3.0 2.1 3.1



#20
Methylene Chloride
Concen: 12.806 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: 13.967 ppbv

RT: 3.979 min Scan# 41

Delta R.T. 0.006 min

Lab File: VL041598.D

Acq: 16 Sep 2024 17:20

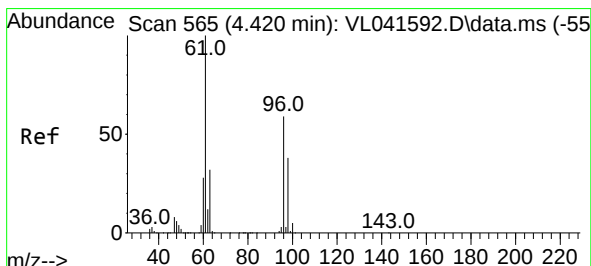
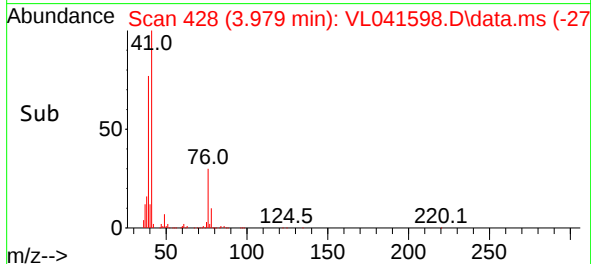
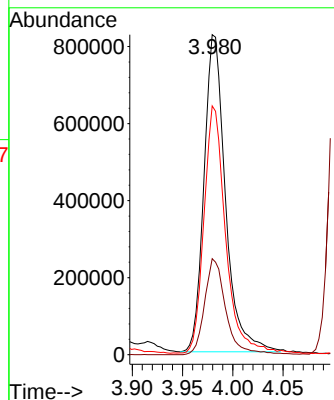
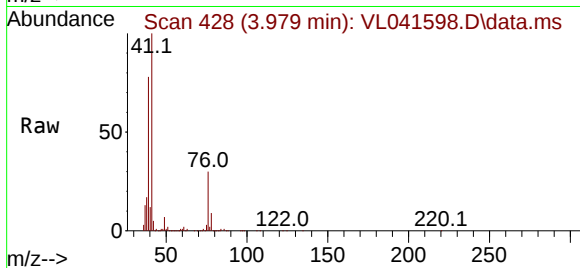
Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 41 Resp: 1225956

Ion	Ratio	Lower	Upper
41	100		
76	29.9	23.8	35.6
39	79.5	63.9	95.9



#22

trans-1,2-Dichloroethene

Concen: 14.063 ppbv

RT: 4.430 min Scan# 568

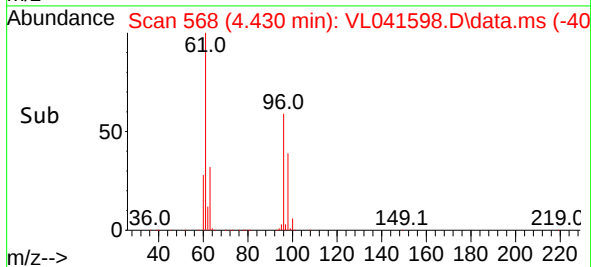
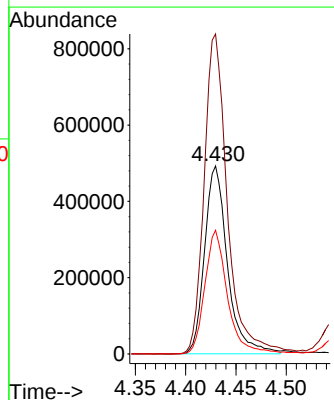
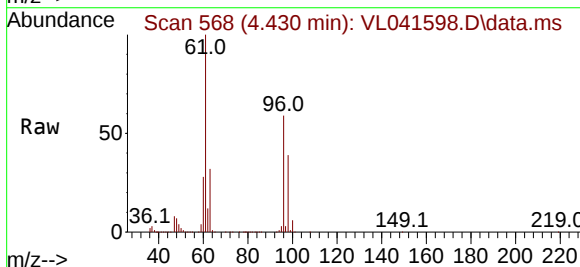
Delta R.T. 0.010 min

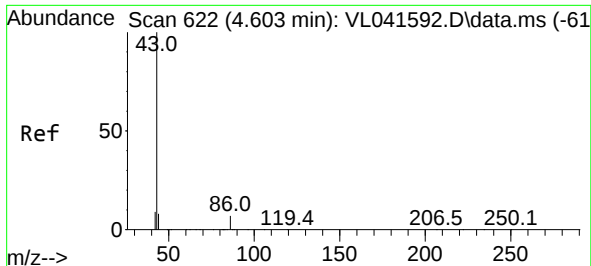
Lab File: VL041598.D

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

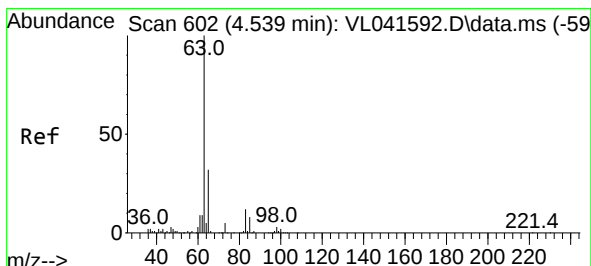
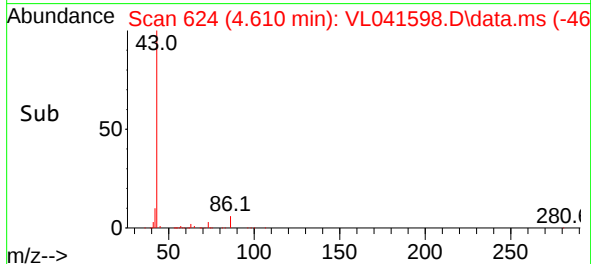
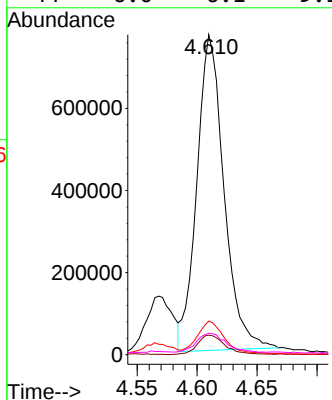
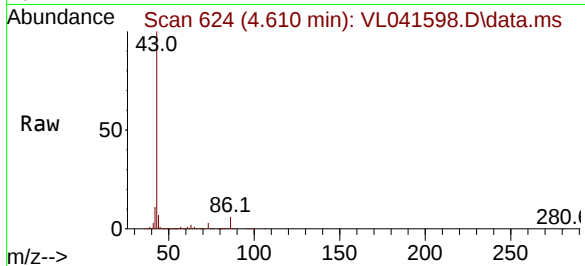




#23
 Vinyl Acetate
 Concen: 12.445 ppbv
 RT: 4.610 min Scan# 61
 Delta R.T. 0.006 min
 Lab File: VL041598.D
 Acq: 16 Sep 2024 17:20

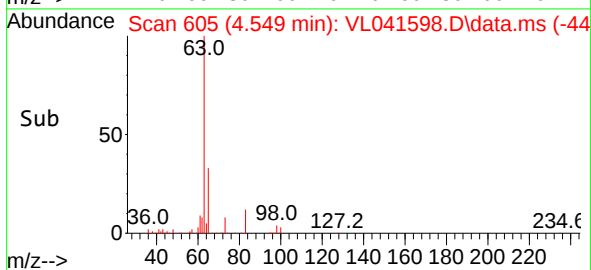
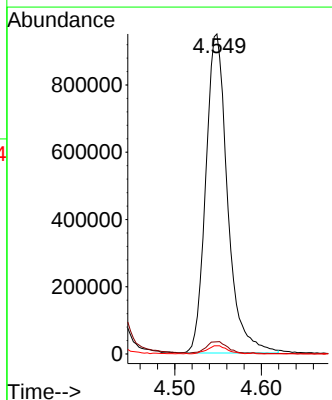
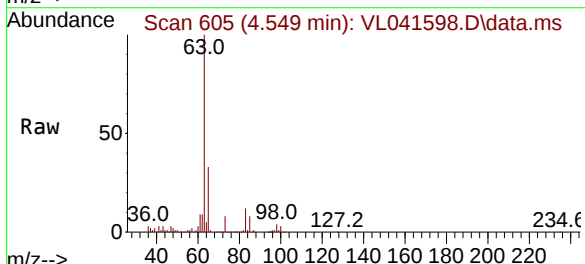
Instrument :
 MSVOA_L
 ClientSampleId :

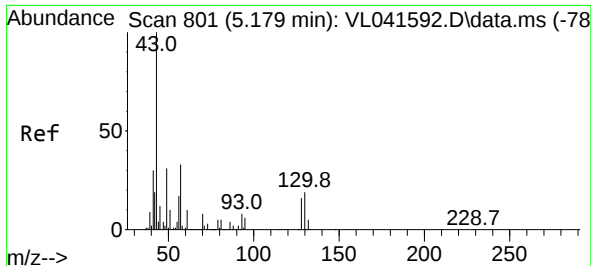
Tgt Ion: 43 Resp: 1212589
 Ion Ratio Lower Upper
 43 100
 86 6.0 4.9 7.3
 42 10.3 8.0 12.0
 44 6.0 6.1 9.1#



#24
 1,1-Dichloroethane
 Concen: 13.656 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



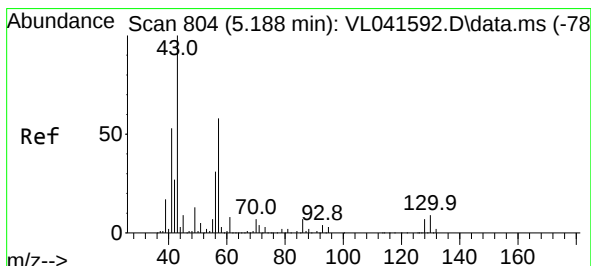
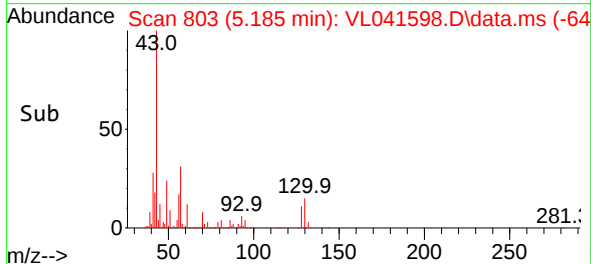
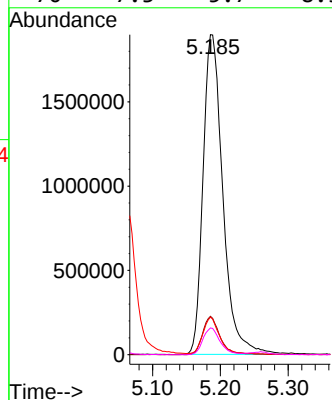
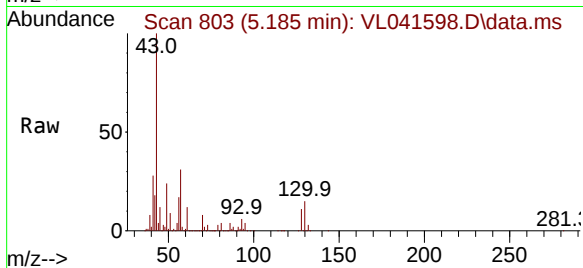


#25
Ethyl Acetate
Concen: 14.297 ppbv
RT: 5.185 min Scan# 801
Delta R.T. 0.006 min
Lab File: VL041598.D
Acq: 16 Sep 2024 17:20

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 3850317

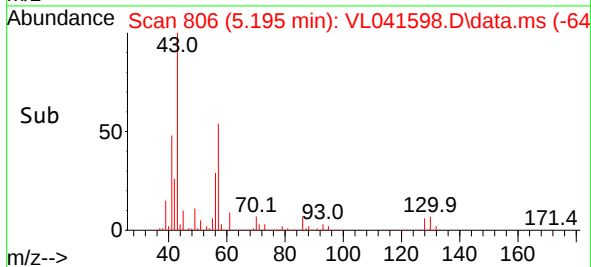
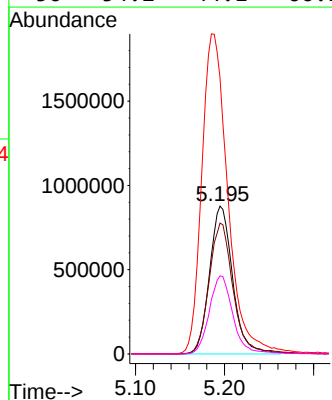
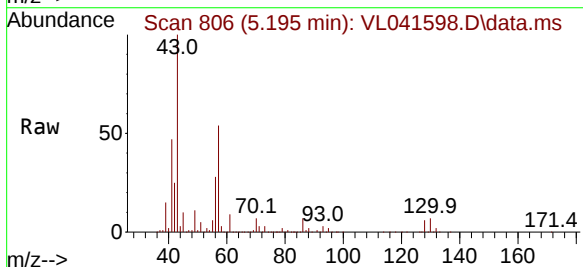
Ion	Ratio	Lower	Upper
43	100		
45	10.6	8.2	12.2
61	10.3	8.0	12.0
70	7.3	5.7	8.5

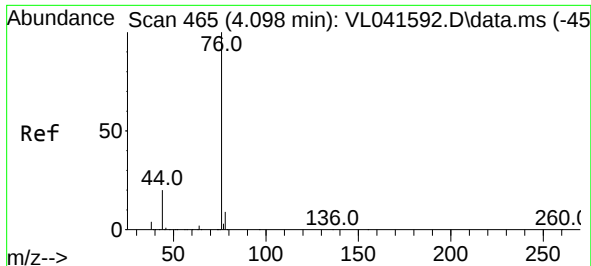


#26
Hexane
Concen: 14.219 ppbv
RT: 5.195 min Scan# 806
Delta R.T. 0.006 min
Lab File: VL041598.D
Acq: 16 Sep 2024 17:20

Tgt Ion: 57 Resp: 1577948

Ion	Ratio	Lower	Upper
57	100		
41	92.9	75.7	113.5
43	245.4	198.5	297.7
56	54.2	44.1	66.1

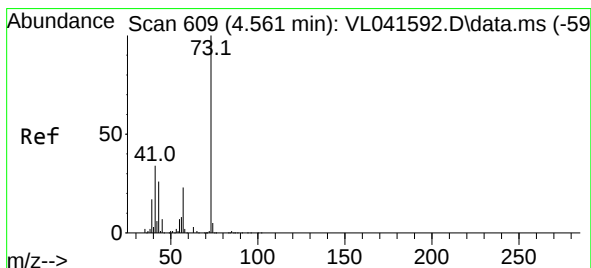
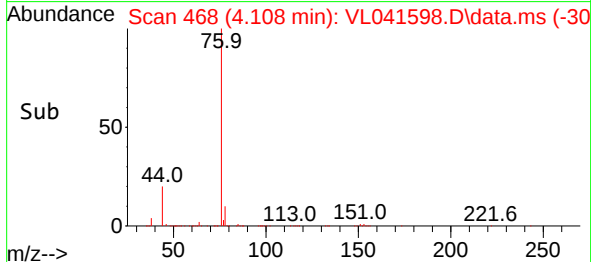
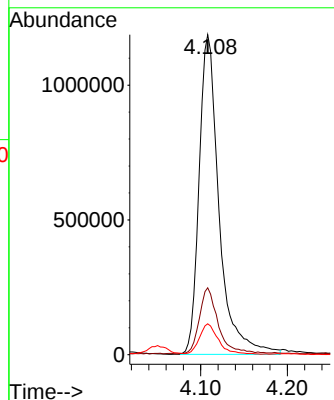
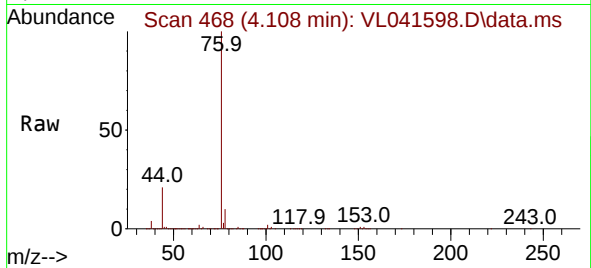




#27
Carbon Disulfide
Concen: 14.776 ppbv
RT: 4.108 min Scan# 401
Delta R.T. 0.010 min
Lab File: VL041598.D
Acq: 16 Sep 2024 17:20

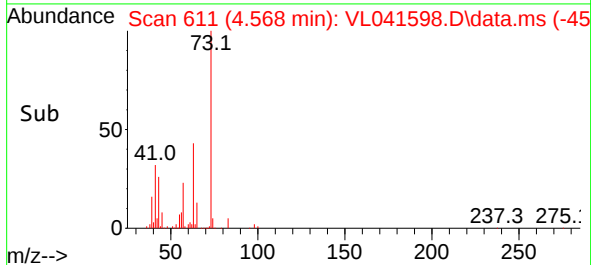
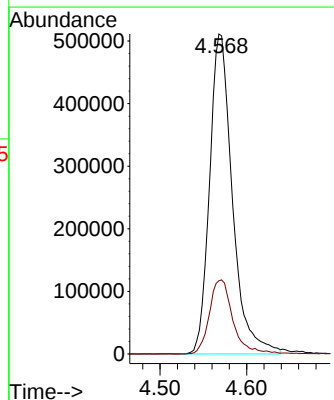
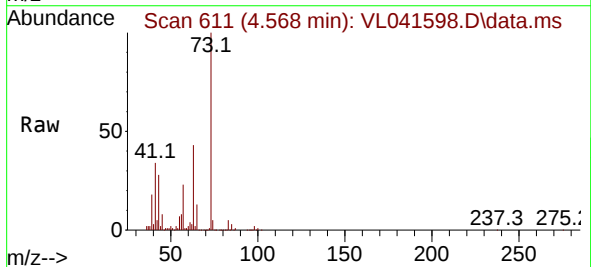
Instrument :
MSVOA_L
ClientSampleId :

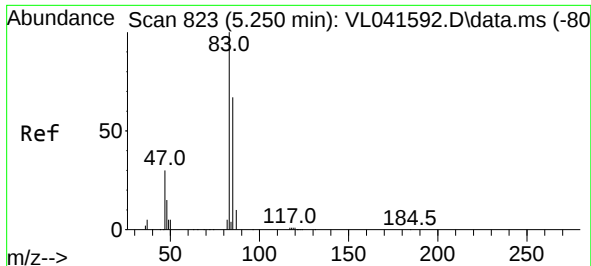
Tgt Ion: 76 Resp: 1898447
Ion Ratio Lower Upper
76 100
44 19.9 15.8 23.8
78 9.5 7.5 11.3



#28
Methyl tert-Butyl Ether
Concen: 13.457 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: 13.693 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

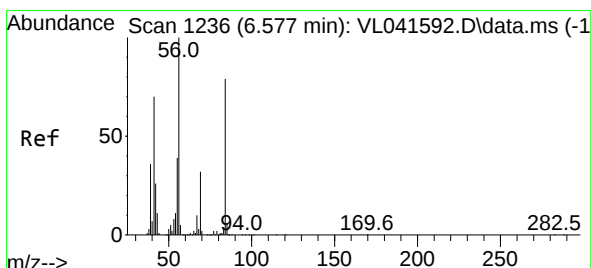
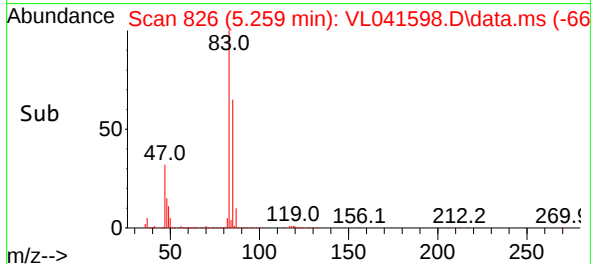
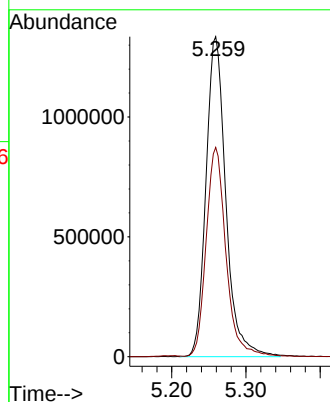
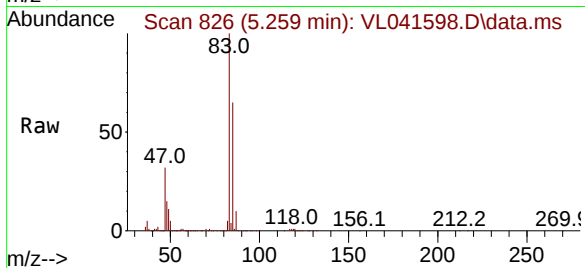
ClientSampleId :

Tgt Ion: 83 Resp: 2472134

Ion Ratio Lower Upper

83 100

85 65.2 53.8 80.6



#30

Cyclohexane

Concen: 15.359 ppbv

RT: 6.584 min Scan# 1238

Delta R.T. 0.006 min

Lab File: VL041598.D

Acq: 16 Sep 2024 17:20

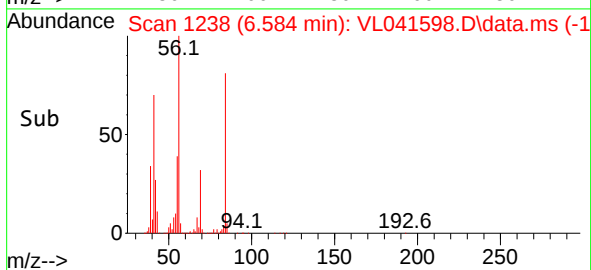
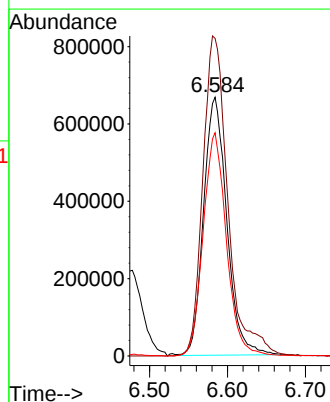
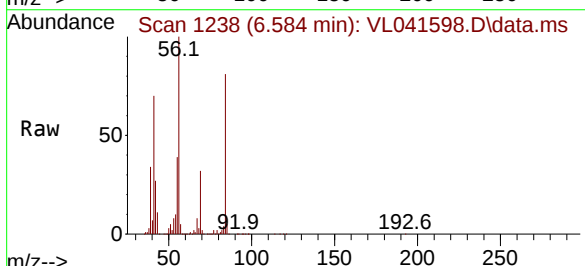
Tgt Ion: 84 Resp: 1384242

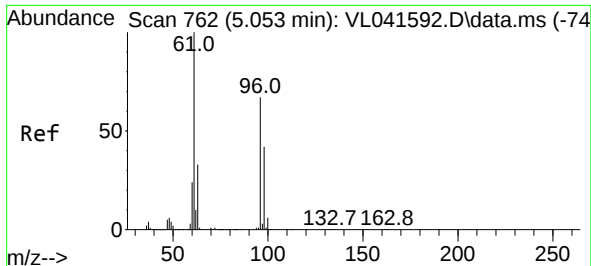
Ion Ratio Lower Upper

84 100

56 133.9 111.5 167.3

41 86.8 70.9 106.3



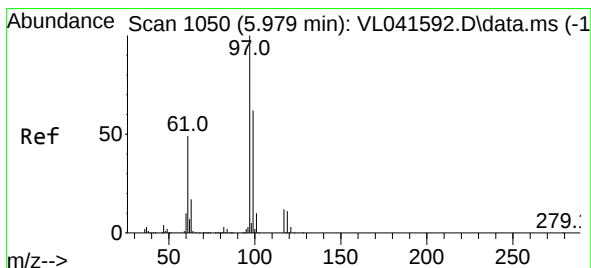
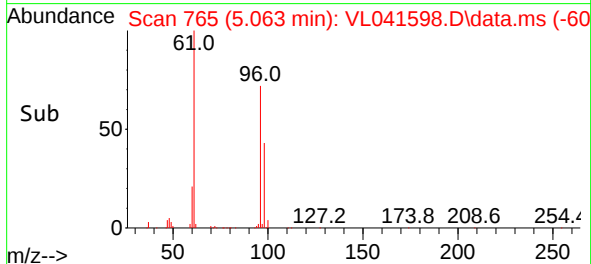
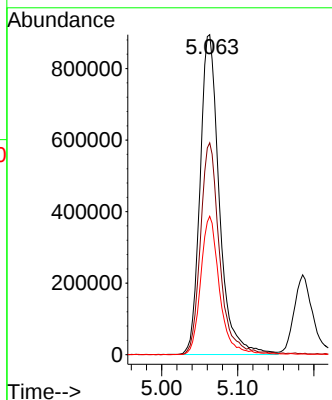
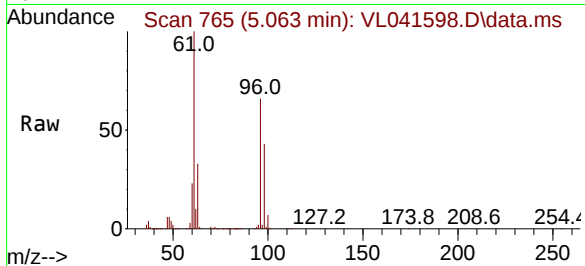


#31
 cis-1,2-Dichloroethene
 Concen: 14.429 ppbv
 RT: 5.063 min Scan# 765
 Delta R.T. 0.010 min
 Lab File: VL041598.D
 Acq: 16 Sep 2024 17:20

Instrument :
 MSVOA_L
 ClientSampleId :

Tgt Ion: 61 Resp: 1572482

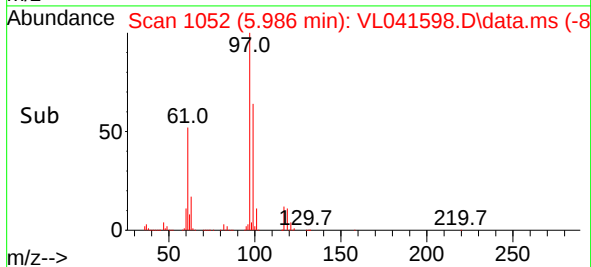
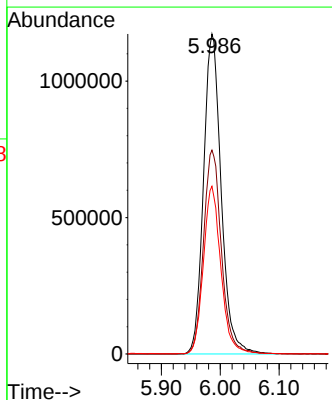
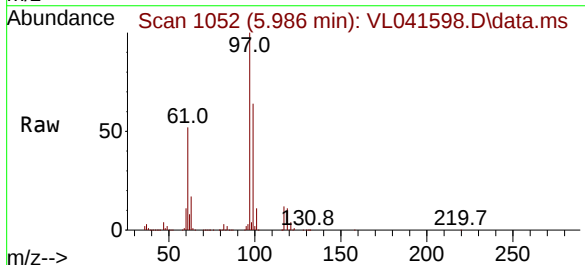
Ion	Ratio	Lower	Upper
61	100		
96	66.1	53.5	80.3
98	43.2	33.7	50.5

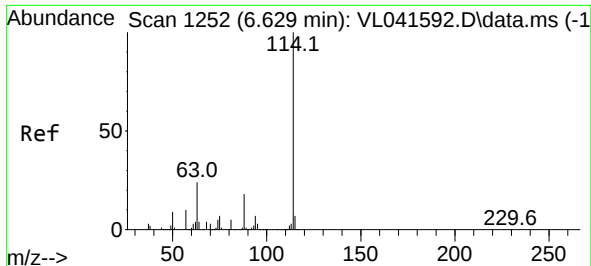


#32
 1,1,1-Trichloroethane
 Concen: 13.962 ppbv
 RT: 5.986 min Scan# 1052
 Delta R.T. 0.006 min
 Lab File: VL041598.D
 Acq: 16 Sep 2024 17:20

Tgt Ion: 97 Resp: 2449235

Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.0	76.4
61	51.9	41.0	61.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.639 min Scan# 11

Delta R.T. 0.010 min

Lab File: VL041598.D

Acq: 16 Sep 2024 17:20

Instrument :

MSVOA_L

ClientSampleId :

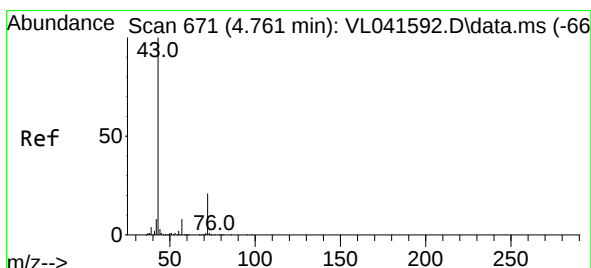
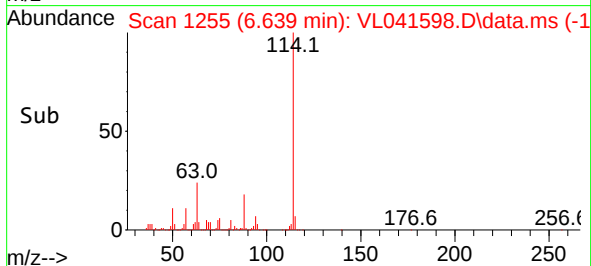
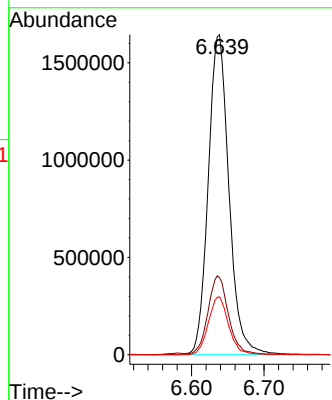
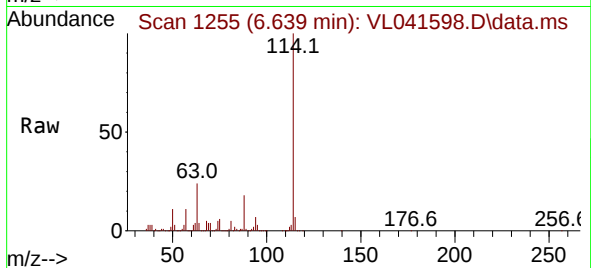
Tgt Ion:114 Resp: 3256634

Ion Ratio Lower Upper

114 100

63 24.9 20.2 30.2

88 17.7 14.2 21.4



#34

2-Butanone

Concen: 14.115 ppbv

RT: 4.767 min Scan# 673

Delta R.T. 0.006 min

Lab File: VL041598.D

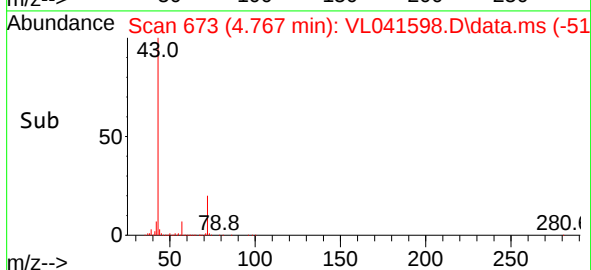
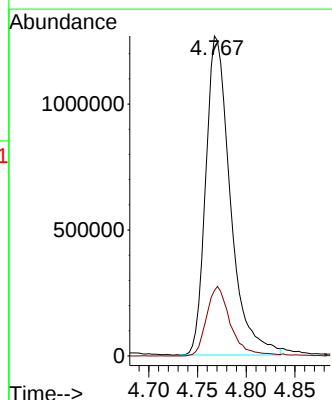
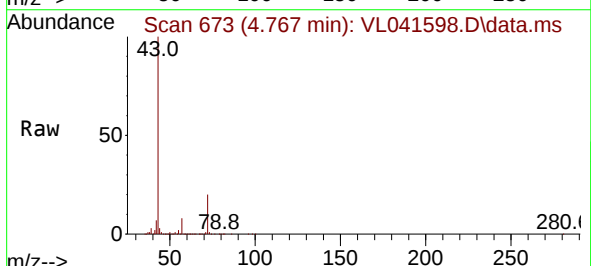
Acq: 16 Sep 2024 17:20

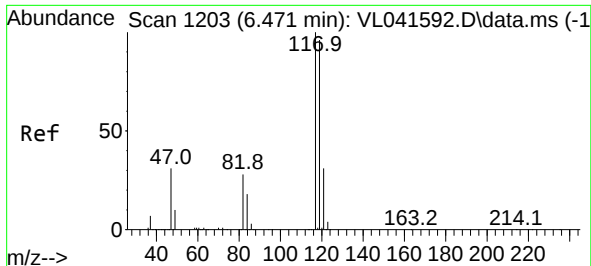
Tgt Ion: 43 Resp: 2226315

Ion Ratio Lower Upper

43 100

72 21.7 16.8 25.2

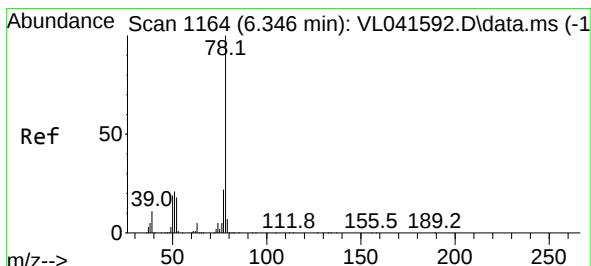
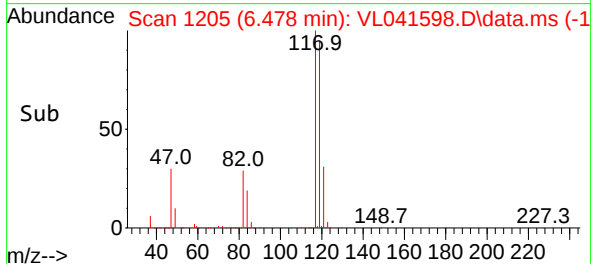
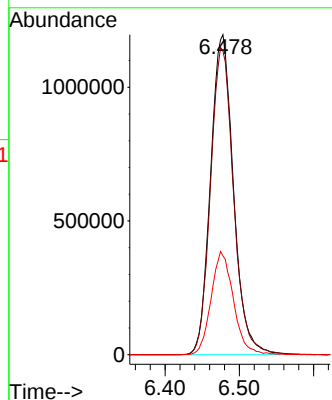
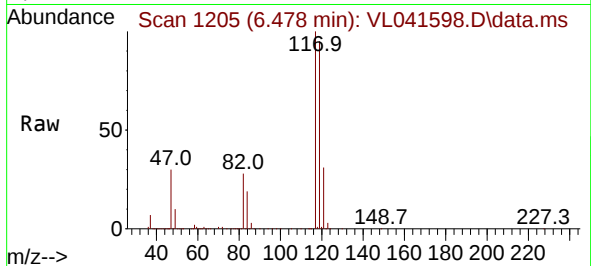




#35
Carbon Tetrachloride
Concen: 14.282 ppbv
RT: 6.478 min Scan# 1165
Delta R.T. 0.006 min
Lab File: VL041598.D
Acq: 16 Sep 2024 17:20

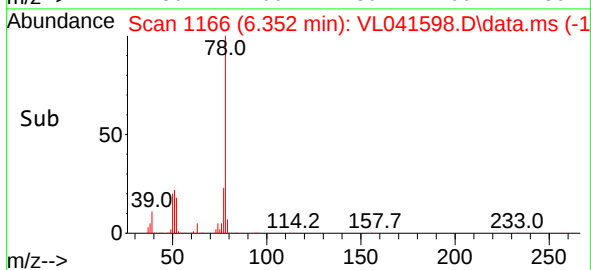
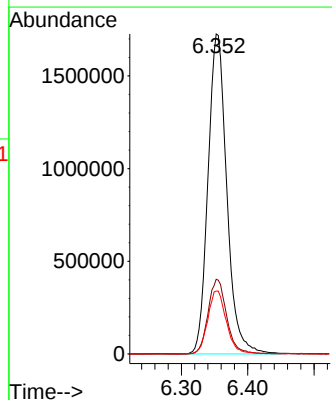
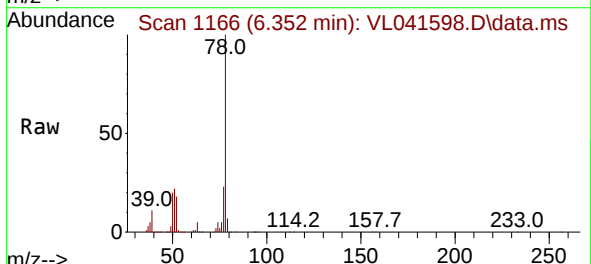
Instrument :
MSVOA_L
ClientSampleId :

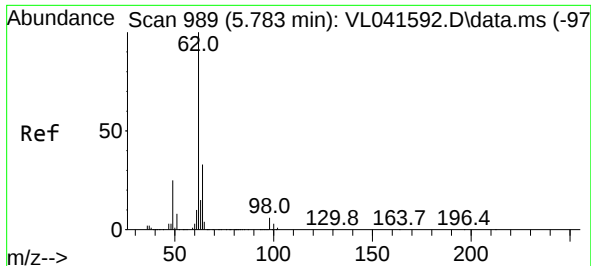
Tgt Ion:117 Resp: 2562607
Ion Ratio Lower Upper
117 100
119 94.9 76.8 115.2
121 30.9 25.0 37.6



#36
Benzene
Concen: 14.257 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: 14.184 ppbv

RT: 5.790 min Scan# 91

Delta R.T. 0.006 min

Lab File: VL041598.D

Acq: 16 Sep 2024 17:20

Instrument :

MSVOA_L

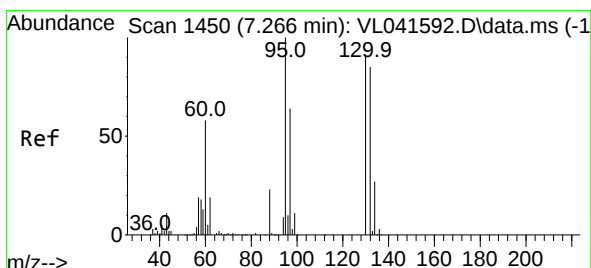
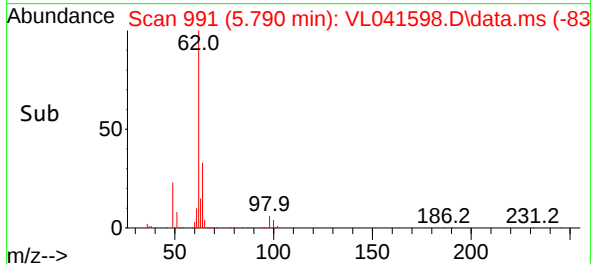
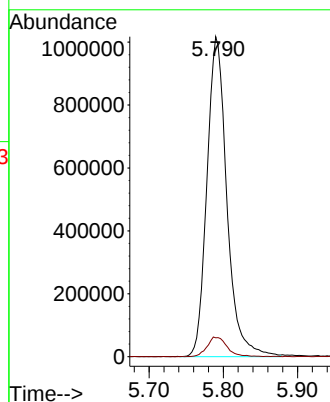
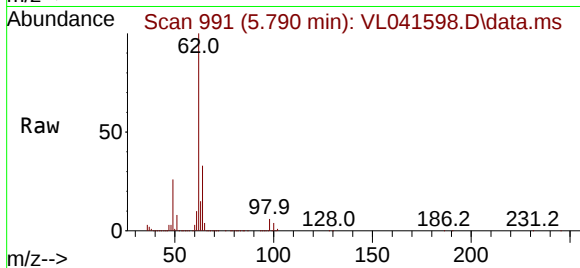
ClientSampleId :

Tgt Ion: 62 Resp: 1894411

Ion Ratio Lower Upper

62 100

98 6.3 4.8 7.2



#38

Trichloroethene

Concen: 15.908 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

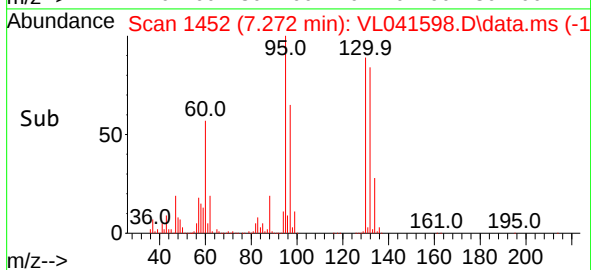
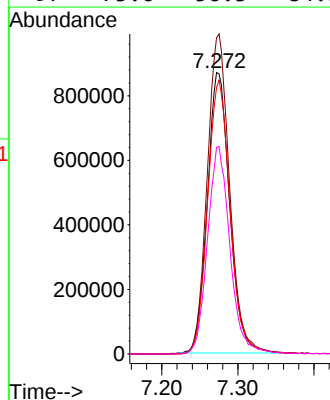
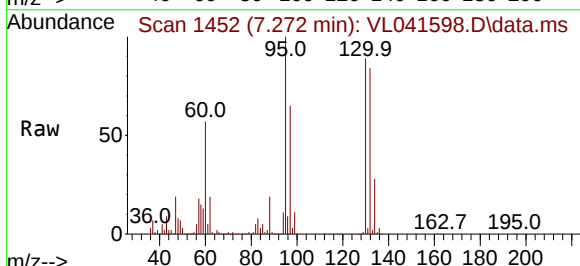
Ion Ratio Lower Upper

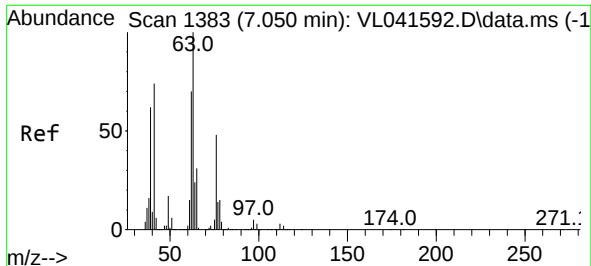
130 100

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: 14.381 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 :

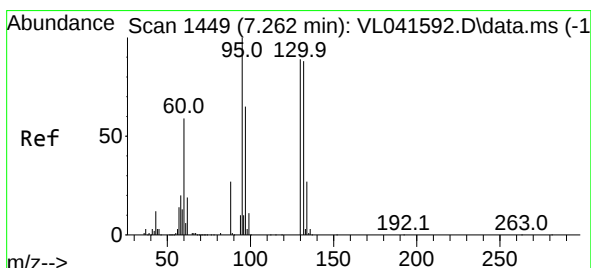
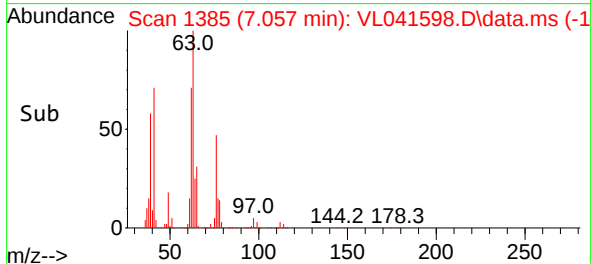
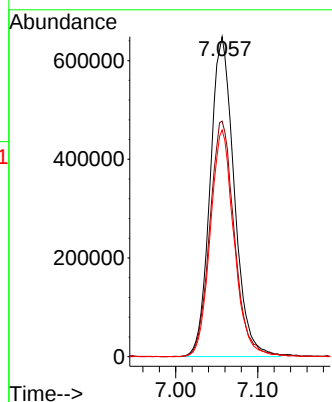
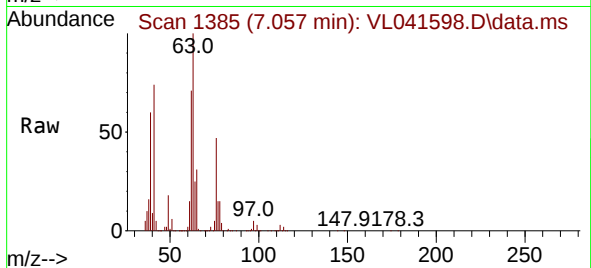
Tgt Ion: 63 Resp: 1318620

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: 12.415 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

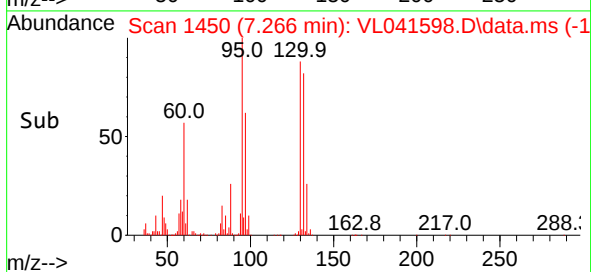
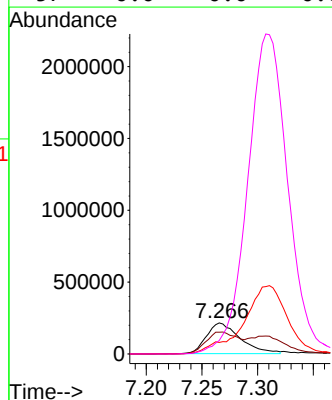
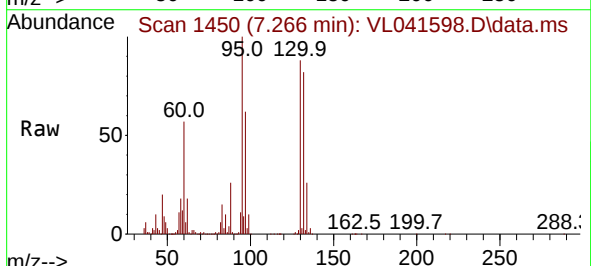
Ion Ratio Lower Upper

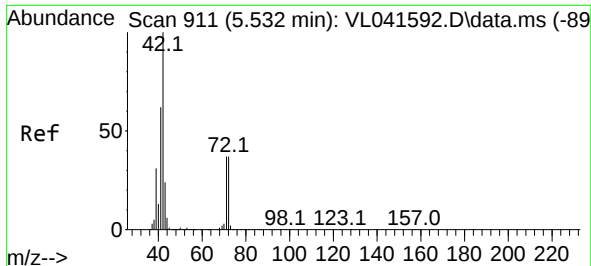
88 100

58 64.3 100.2 150.4#

43 0.0 0.0 0.0

57 0.0 0.0 0.0

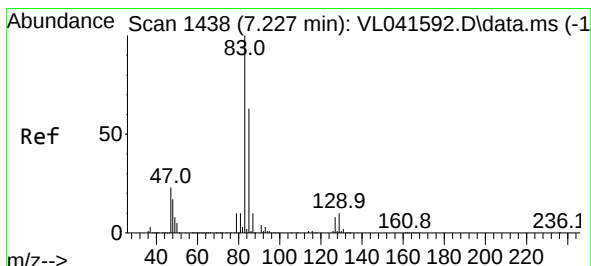
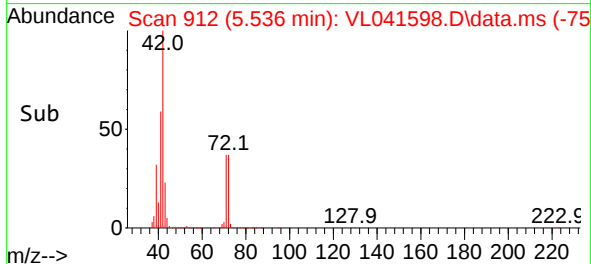
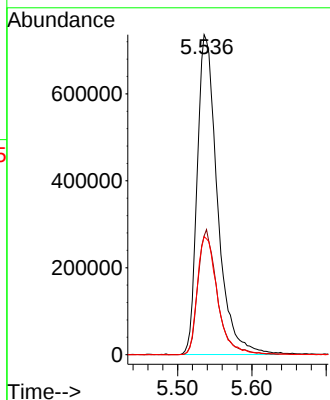
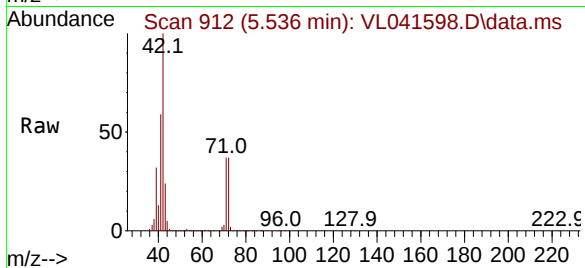




#41
Tetrahydrofuran
Concen: 15.326 ppbv
RT: 5.536 min Scan# 911
Delta R.T. 0.003 min
Lab File: VL041598.D
Acq: 16 Sep 2024 17:20

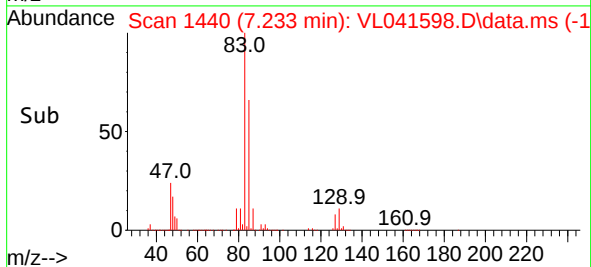
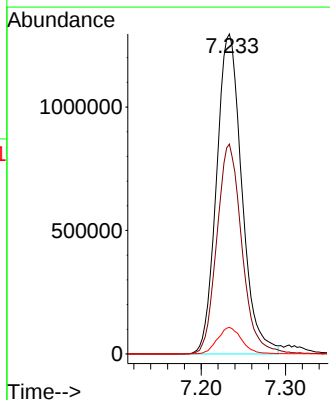
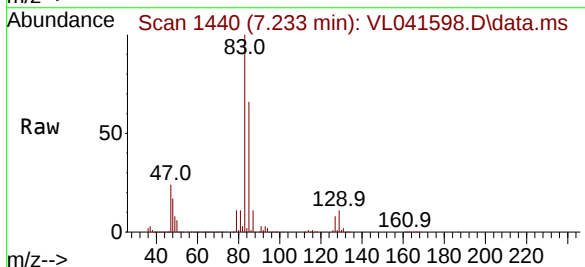
Instrument :
MSVOA_L
ClientSampleId :

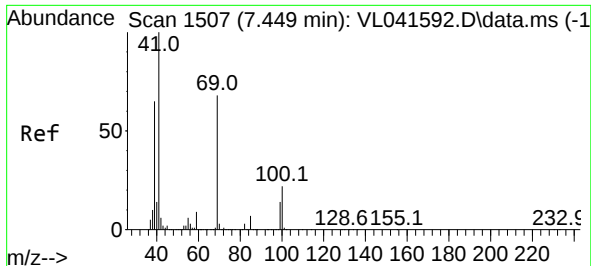
Tgt Ion: 42 Resp: 1391996
Ion Ratio Lower Upper
42 100
72 37.6 30.2 45.2
71 37.2 29.6 44.4



#42
Bromodichloromethane
Concen: 14.093 ppbv
RT: 7.233 min Scan# 1440
Delta R.T. 0.006 min
Lab File: VL041598.D
Acq: 16 Sep 2024 17:20

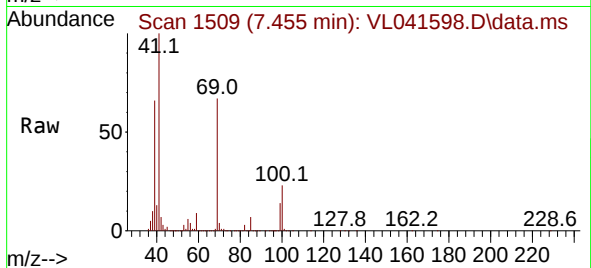
Tgt Ion: 83 Resp: 2707351
Ion Ratio Lower Upper
83 100
85 65.6 50.5 75.7
127 8.3 6.5 9.7





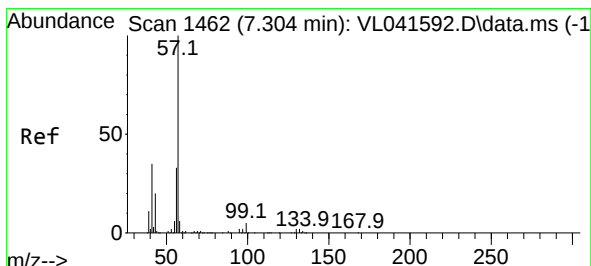
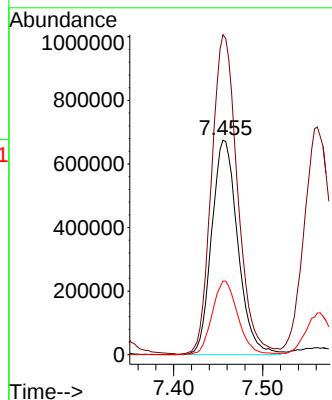
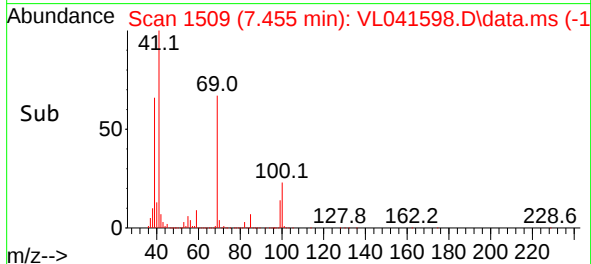
#43
Methyl Methacrylate
Concen: 16.060 ppbv
RT: 7.455 min Scan# 1509
Delta R.T. 0.006 min
Lab File: VL041598.D
Acq: 16 Sep 2024 17:20

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion: 69 Resp: 1368120

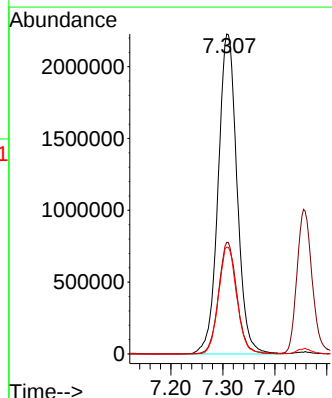
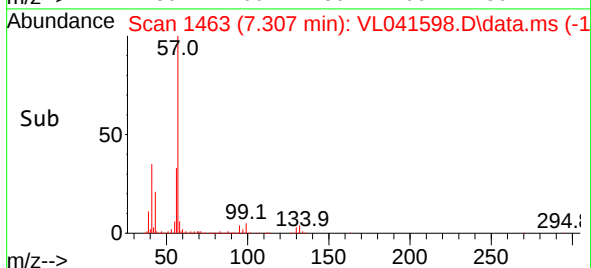
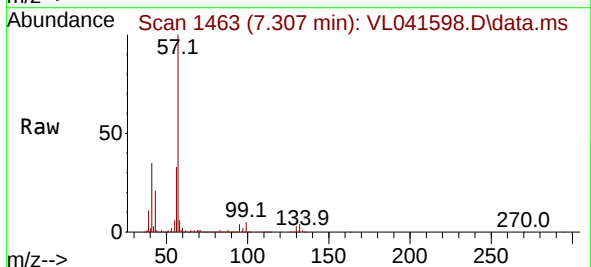
Ion	Ratio	Lower	Upper
69	100		
41	149.5	121.8	182.6
100	33.9	26.5	39.7

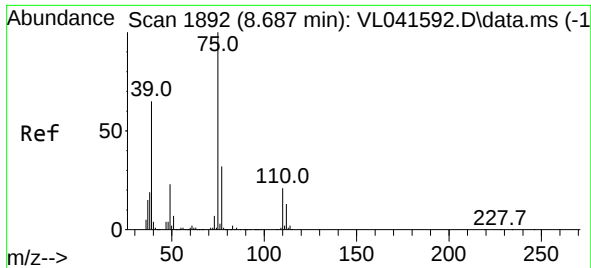


#44
2,2,4-Trimethylpentane
Concen: 14.036 ppbv
RT: 7.307 min Scan# 1463
Delta R.T. 0.003 min
Lab File: VL041598.D
Acq: 16 Sep 2024 17:20

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: 16.662 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

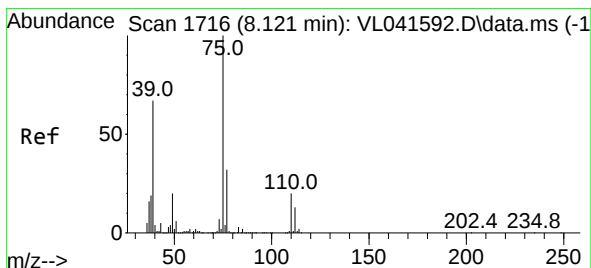
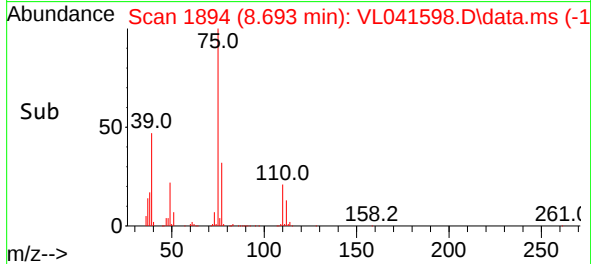
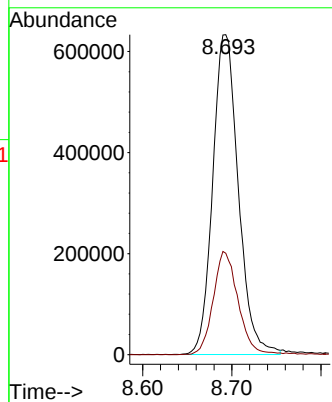
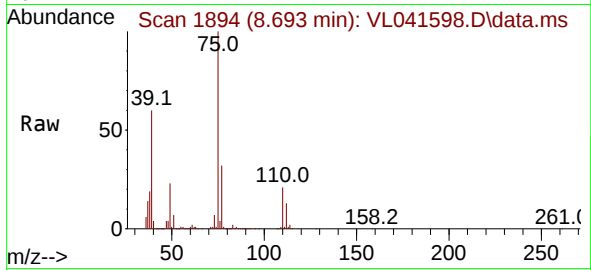
ClientSampleId :

Tgt Ion: 75 Resp: 1264444

Ion Ratio Lower Upper

75 100

77 31.7 25.4 38.0



#46

cis-1,3-Dichloropropene

Concen: 15.539 ppbv

RT: 8.124 min Scan# 1717

Delta R.T. 0.003 min

Lab File: VL041598.D

Acq: 16 Sep 2024 17:20

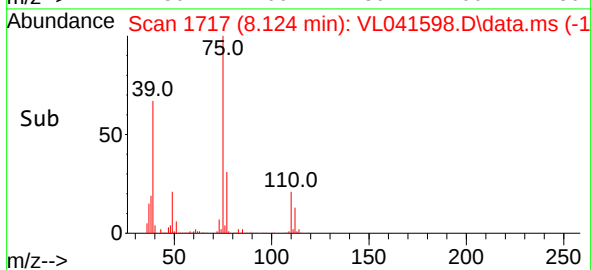
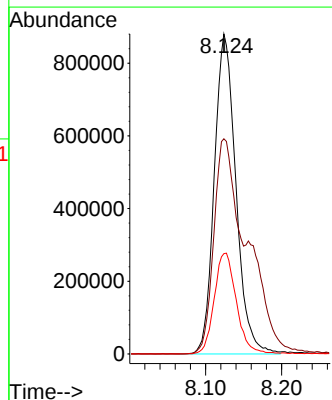
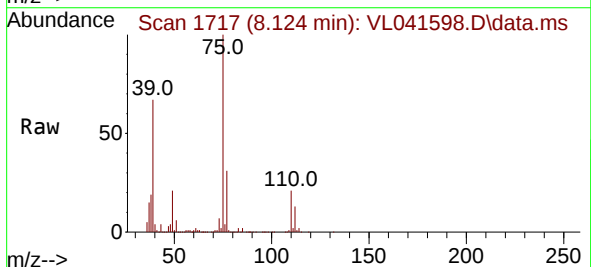
Tgt Ion: 75 Resp: 1733083

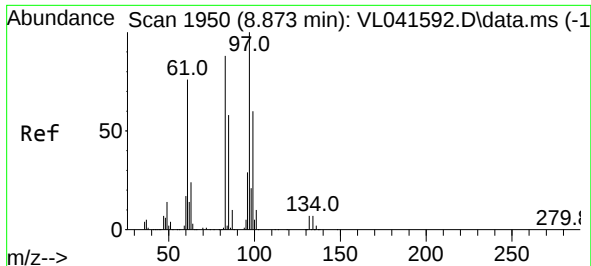
Ion Ratio Lower Upper

75 100

39 67.2 54.0 81.0

77 31.3 25.2 37.8





#47

1,1,2-Trichloroethane

Concen: 14.064 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_L

ClientSampleId :

Tgt Ion: 97 Resp: 1416240

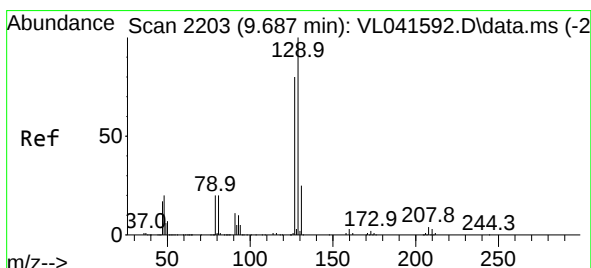
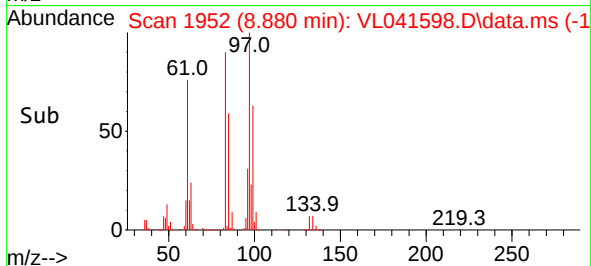
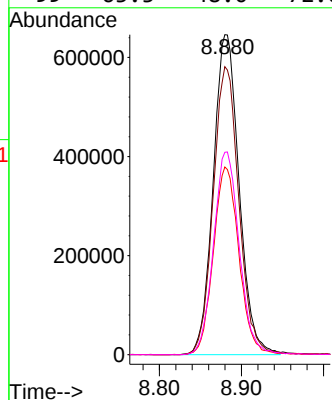
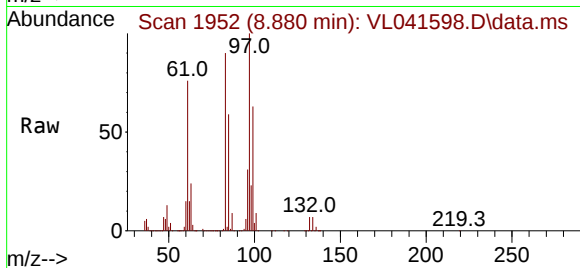
Ion Ratio Lower Upper

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: 14.785 ppbv

RT: 9.693 min Scan# 2205

Delta R.T. 0.006 min

Lab File: VL041598.D

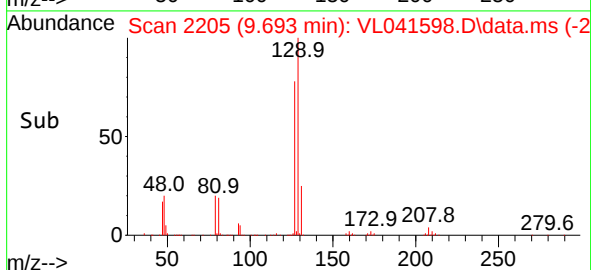
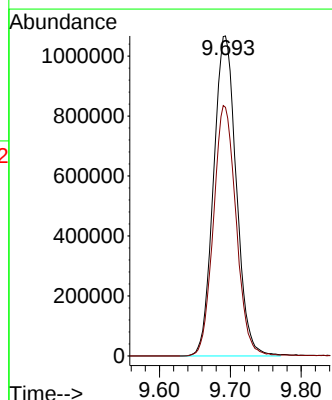
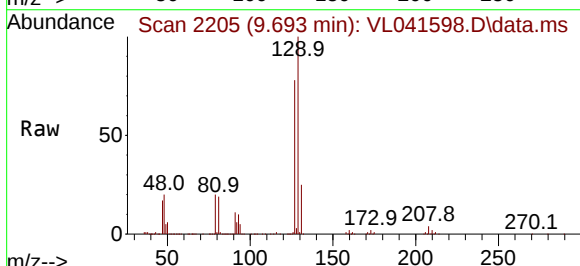
Acq: 16 Sep 2024 17:20

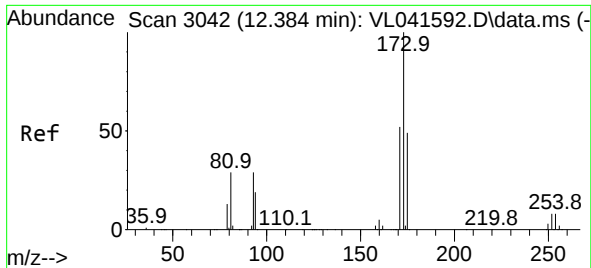
Tgt Ion: 129 Resp: 2380715

Ion Ratio Lower Upper

129 100

127 78.1 39.3 117.9

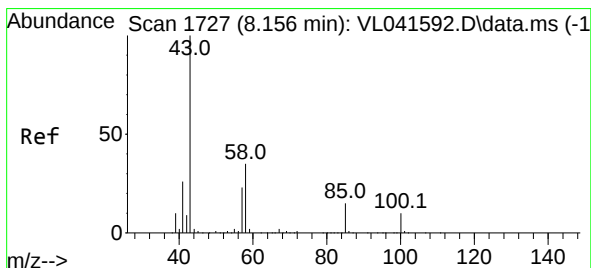
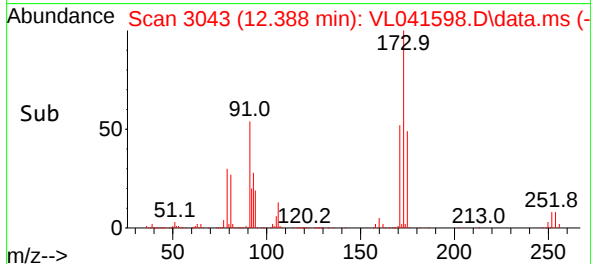
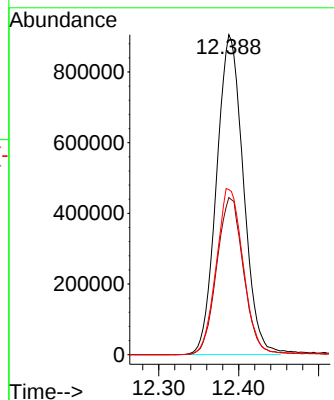
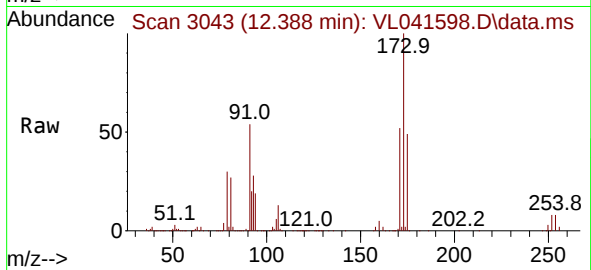




#49
Bromoform
Concen: 15.494 ppbv
RT: 12.388 min Scan# 3042
Delta R.T. 0.003 min
Lab File: VL041598.D
Acq: 16 Sep 2024 17:20

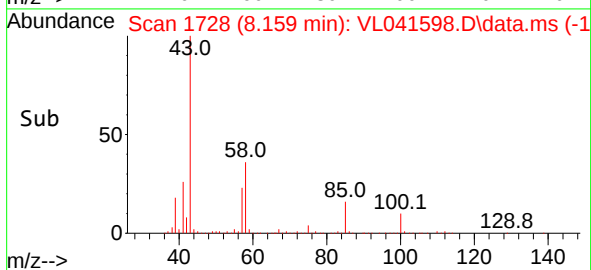
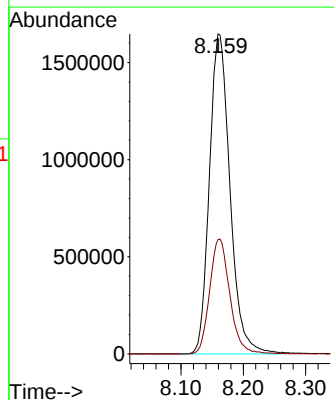
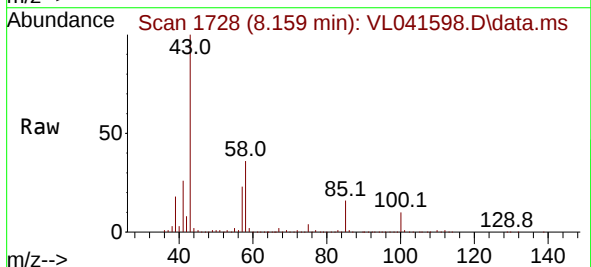
Instrument :
MSVOA_L
ClientSampleId :

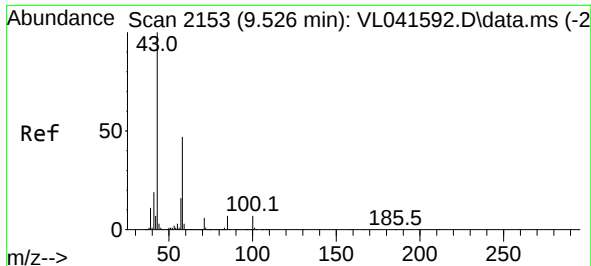
Tgt Ion:173 Resp: 2103505
Ion Ratio Lower Upper
173 100
175 50.0 40.1 60.1
171 52.9 42.2 63.4



#50
4-Methyl-2-Pentanone
Concen: 15.097 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 27.8 41.8

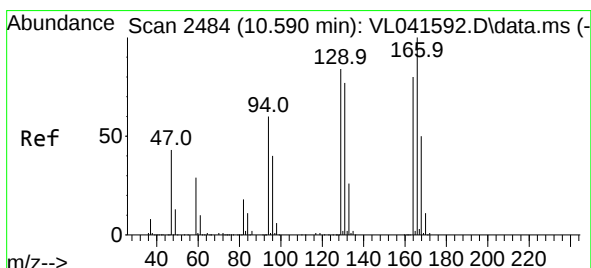
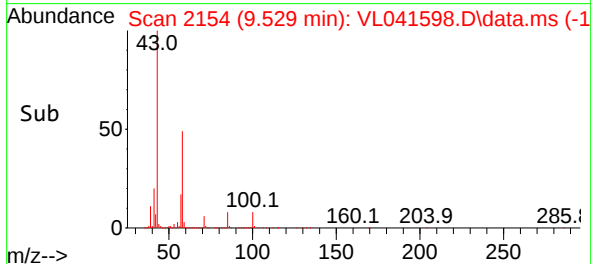
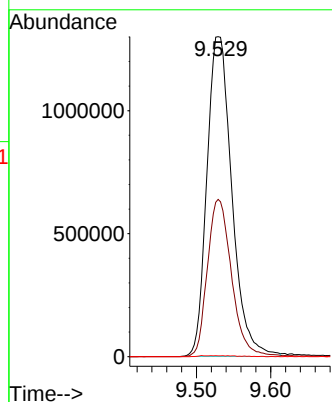
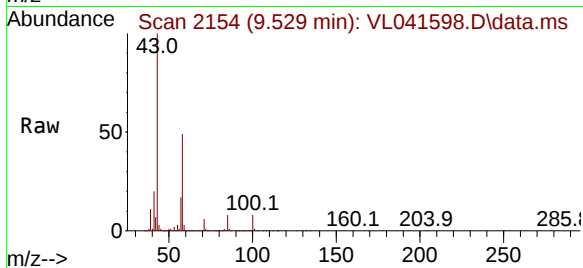




#51
2-Hexanone
Concen: 16.220 ppbv
RT: 9.529 min Scan# 2153
Delta R.T. 0.003 min
Lab File: VL041598.D
Acq: 16 Sep 2024 17:20

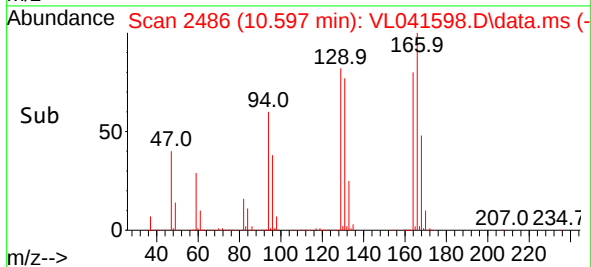
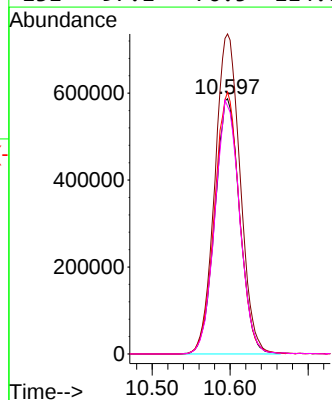
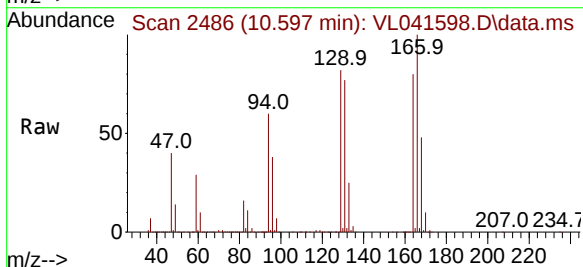
Instrument :
MSVOA_L
ClientSampleId :

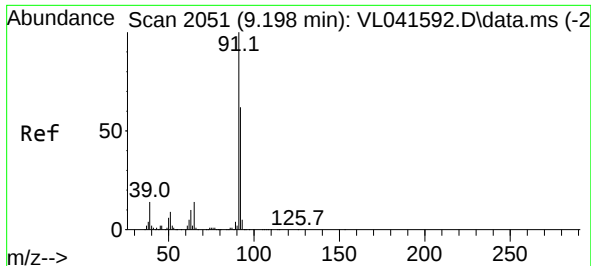
Tgt Ion: 43 Resp: 3039864
Ion Ratio Lower Upper
43 100
58 47.8 37.2 55.8
98 0.5 0.5 0.7



#52
Tetrachloroethene
Concen: 14.148 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: 15.023 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

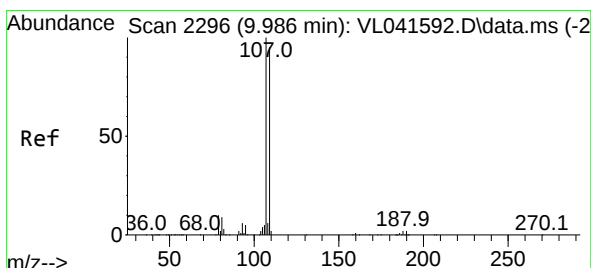
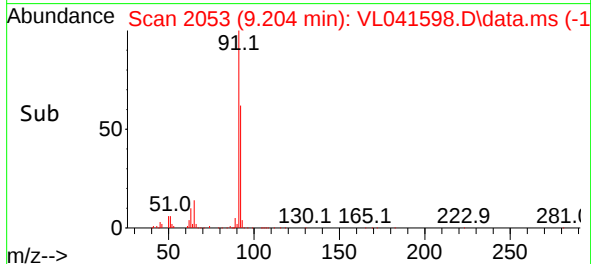
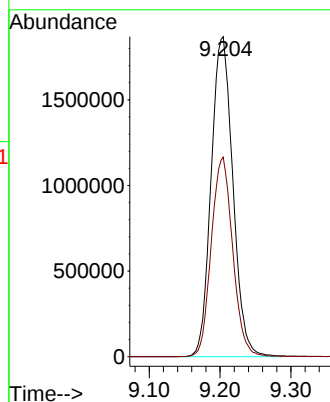
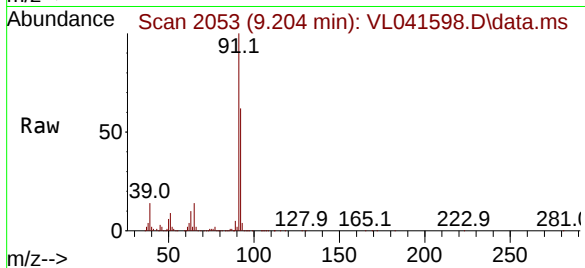
ClientSampleId :

Tgt Ion: 91 Resp: 3987119

Ion Ratio Lower Upper

91 100

92 61.5 48.9 73.3



#54

1,2-Dibromoethane

Concen: 14.730 ppbv

RT: 9.989 min Scan# 2297

Delta R.T. 0.003 min

Lab File: VL041598.D

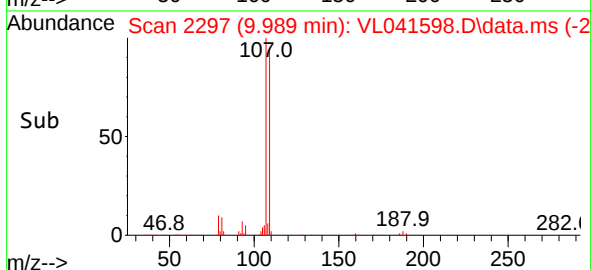
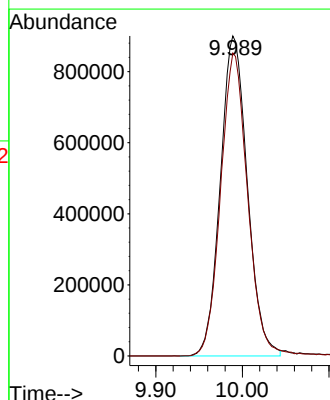
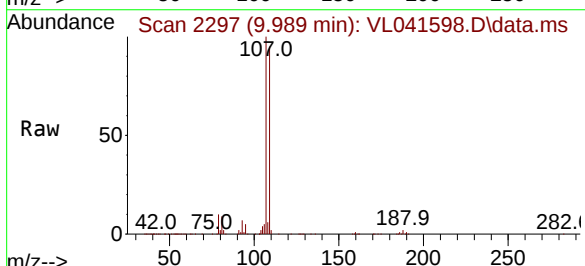
Acq: 16 Sep 2024 17:20

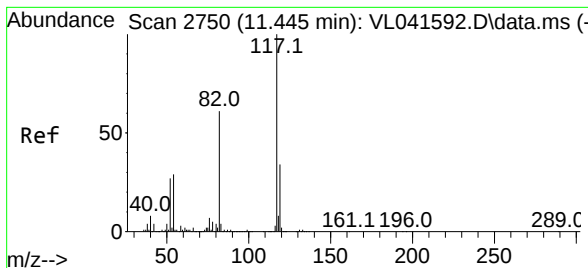
Tgt Ion: 107 Resp: 1951435

Ion Ratio Lower Upper

107 100

109 94.6 75.7 113.5

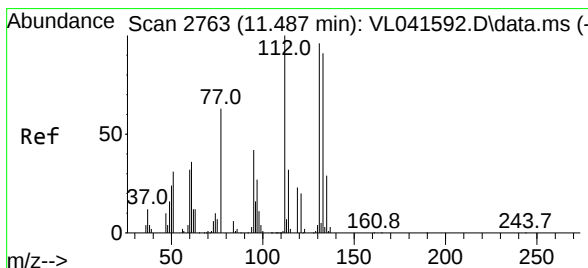
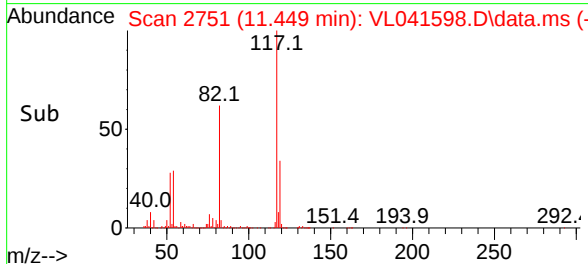
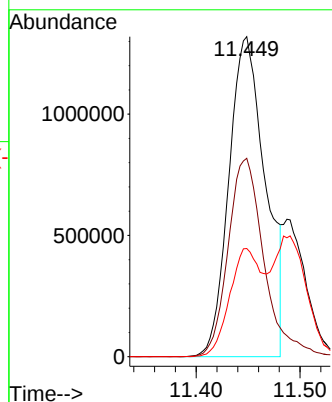
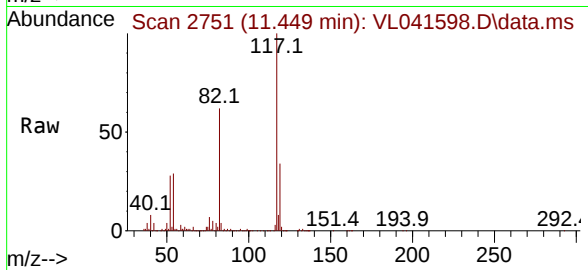




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.449 min Scan# 2750
Delta R.T. 0.003 min
Lab File: VL041598.D
Acq: 16 Sep 2024 17:20

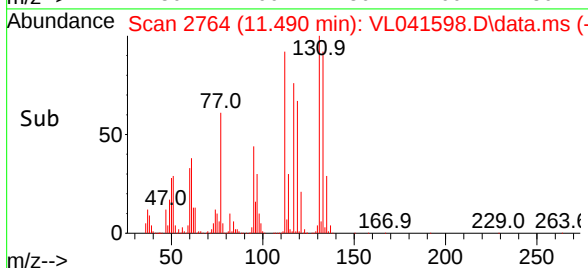
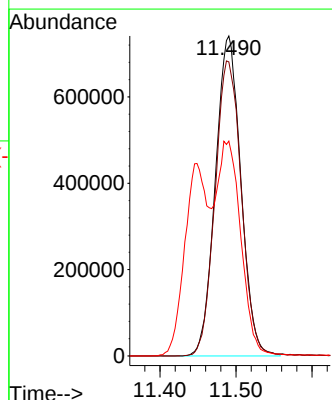
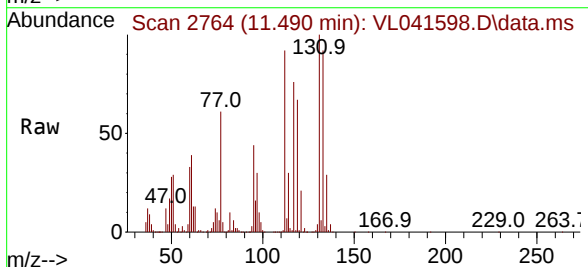
Instrument :
MSVOA_L
ClientSampleId :

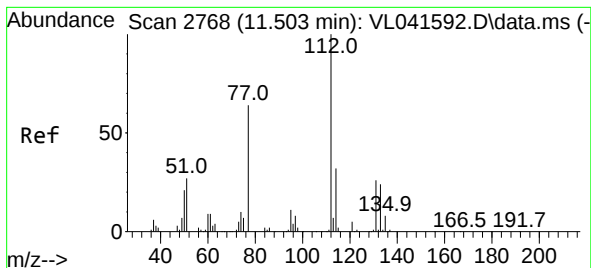
Tgt Ion:117 Resp: 3223784
Ion Ratio Lower Upper
117 100
82 61.6 49.4 74.2
119 26.3 24.4 36.6



#56
1,1,1,2-Tetrachloroethane
Concen: 13.745 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 76.6 115.0
119 71.9 48.5 72.7

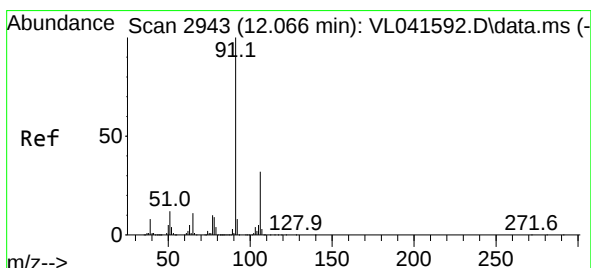
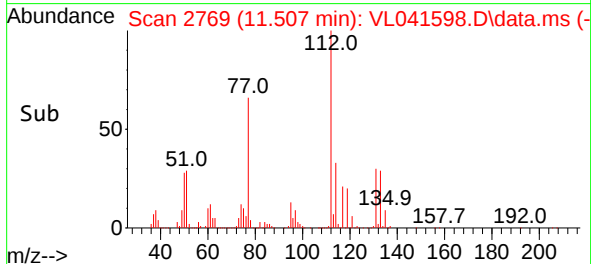
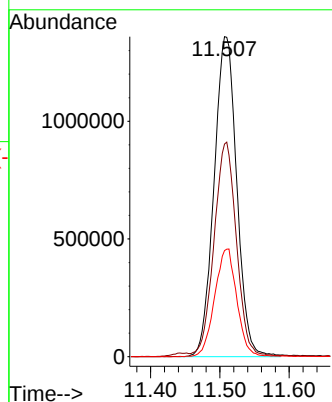
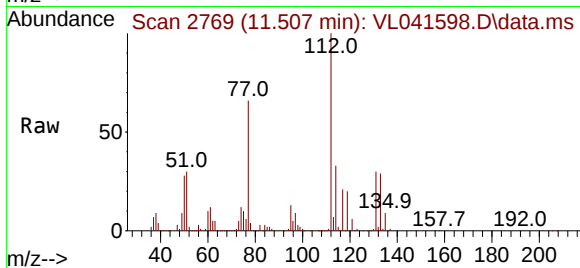




#57
Chlorobenzene
Concen: 13.437 ppbv
RT: 11.507 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL041598.D
Acq: 16 Sep 2024 17:20

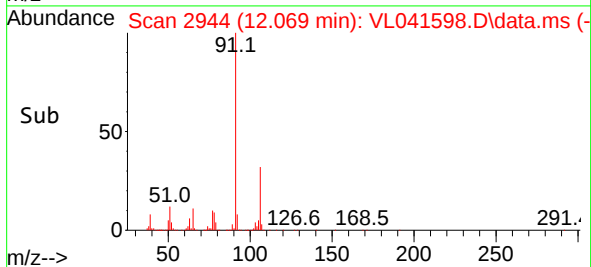
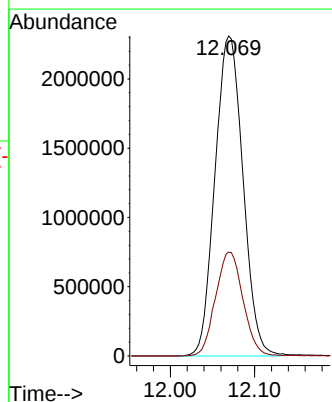
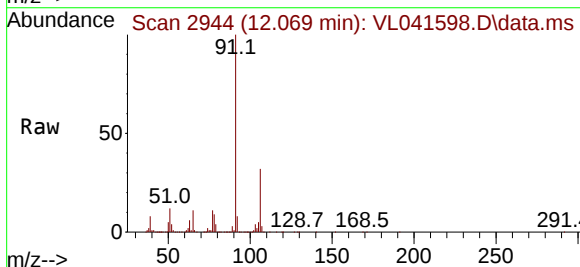
Instrument :
MSVOA_L
ClientSampleId :

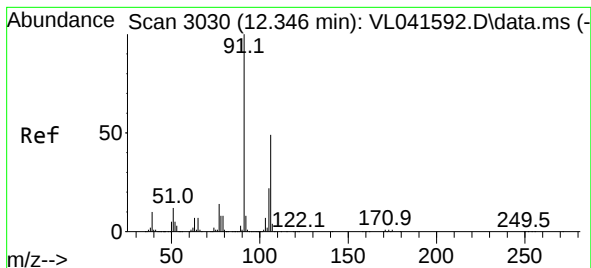
Tgt Ion:112 Resp: 3100633
Ion Ratio Lower Upper
112 100
77 66.1 52.0 78.0
114 33.1 28.6 35.0



#58
Ethyl Benzene
Concen: 14.271 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: 14.942 ppbv

RT: 12.352 min Scan# 3032

Delta R.T. 0.006 min

Lab File: VL041598.D

Acq: 16 Sep 2024 17:20

Instrument :

MSVOA_L

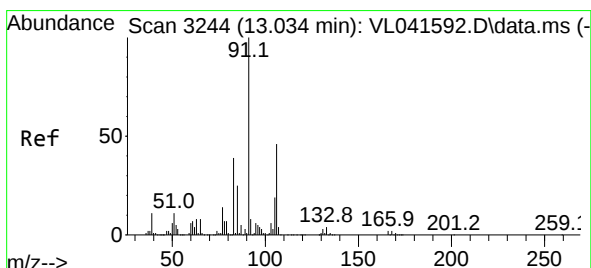
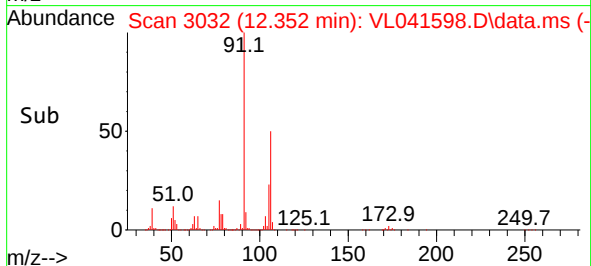
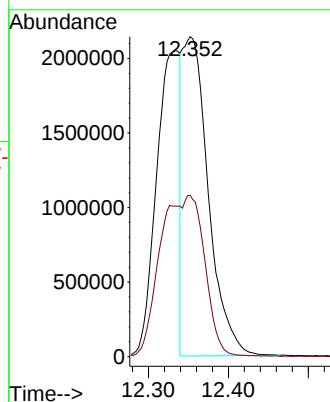
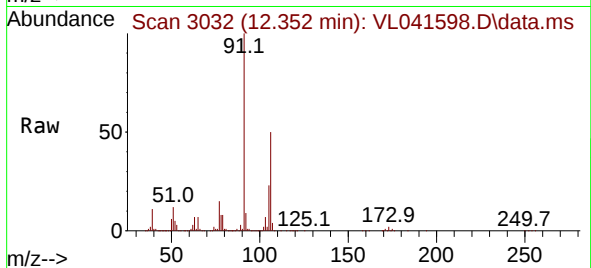
ClientSampleId :

Tgt Ion: 91 Resp: 4809276

Ion Ratio Lower Upper

91 100

106 87.3 36.8 55.2#



#60

o-Xylene

Concen: 14.346 ppbv

RT: 13.037 min Scan# 3245

Delta R.T. 0.003 min

Lab File: VL041598.D

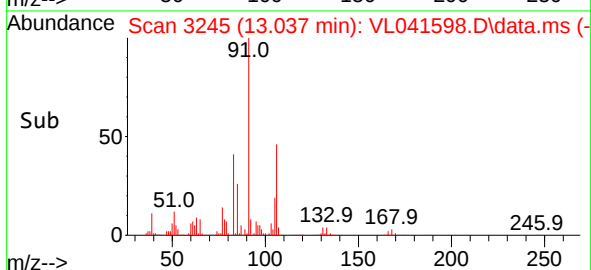
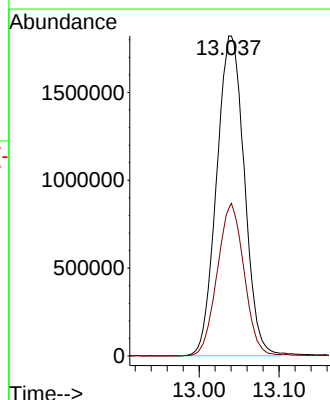
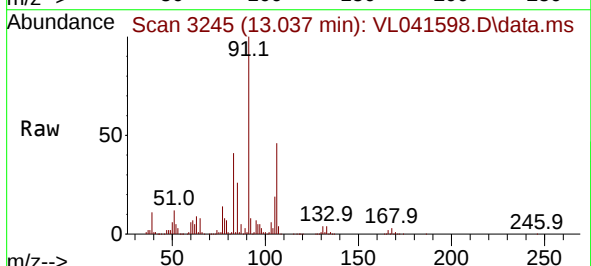
Acq: 16 Sep 2024 17:20

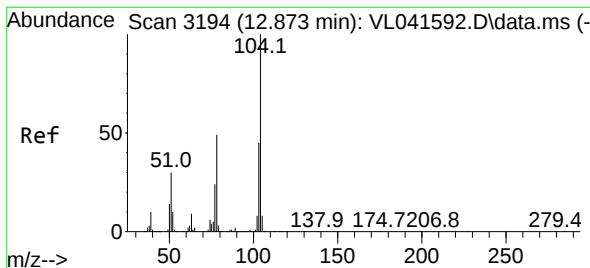
Tgt Ion: 91 Resp: 4380559

Ion Ratio Lower Upper

91 100

106 46.4 23.1 69.3





#61

Styrene

Concen: 16.091 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 :

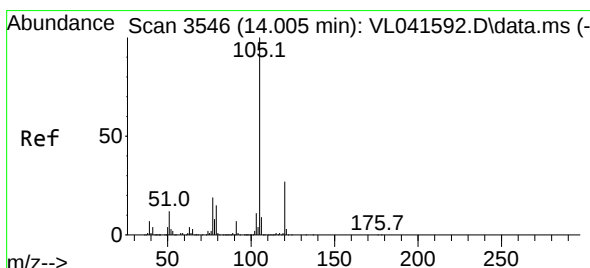
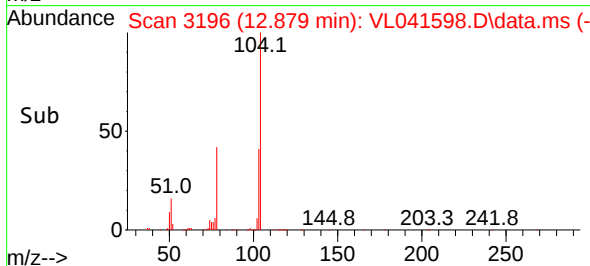
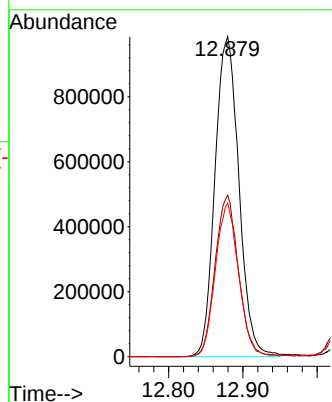
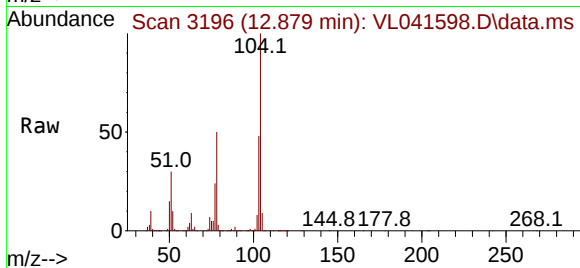
Tgt Ion:104 Resp: 2207148

Ion Ratio Lower Upper

104 100

78 49.5 39.8 59.6

103 46.9 37.4 56.0



#62

Isopropylbenzene

Concen: 13.587 ppbv

RT: 14.011 min Scan# 3548

Delta R.T. 0.006 min

Lab File: VL041598.D

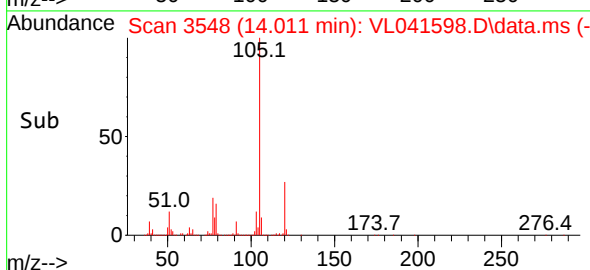
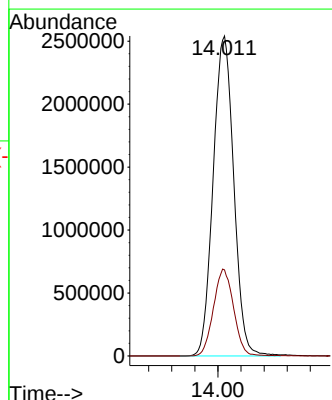
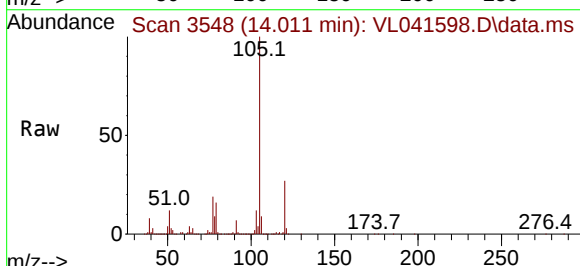
Acq: 16 Sep 2024 17:20

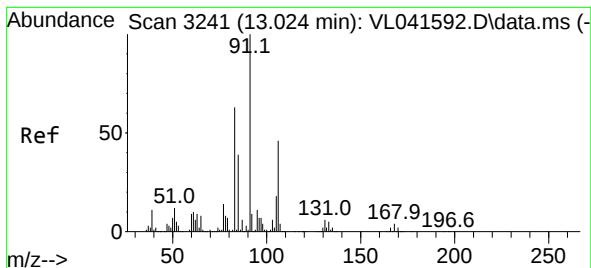
Tgt Ion:105 Resp: 6290796

Ion Ratio Lower Upper

105 100

120 26.6 20.9 31.3

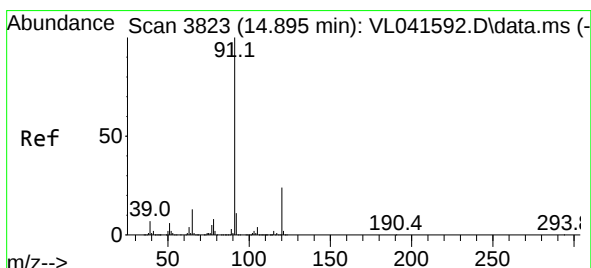
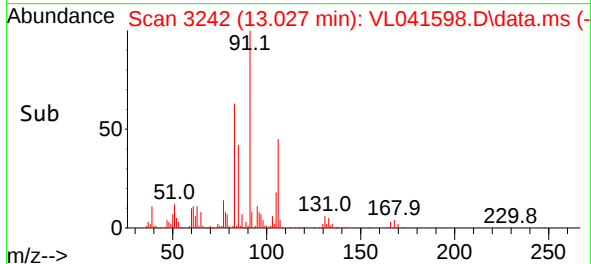
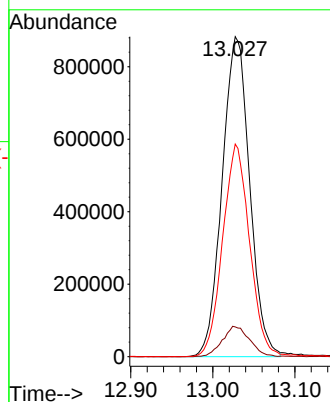
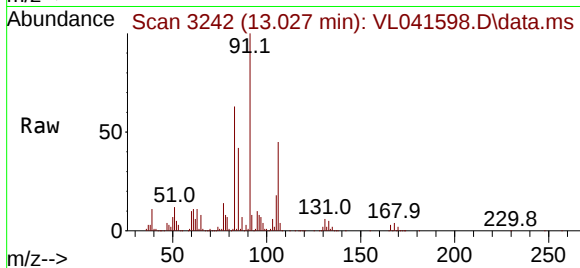




#63
1,1,2,2-Tetrachloroethane
Concen: 11.046 ppbv
RT: 13.027 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL041598.D
Acq: 16 Sep 2024 17:20

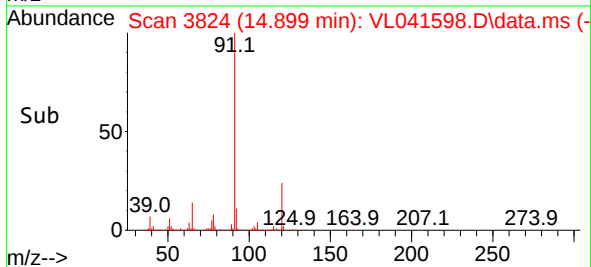
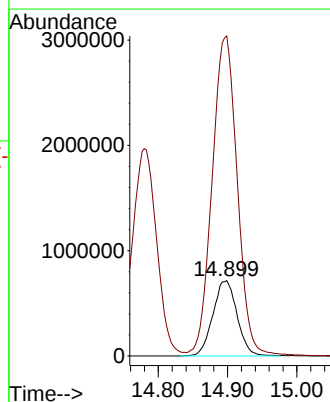
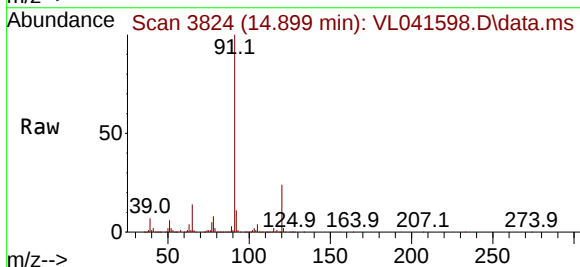
Instrument :
MSVOA_L
ClientSampleId :

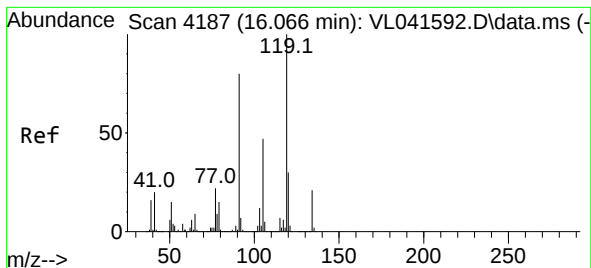
Tgt Ion: 83 Resp: 2059305
Ion Ratio Lower Upper
83 100
131 9.6 4.8 14.4
85 65.7 32.5 97.4



#64
n-propylbenzene
Concen: 14.335 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
91 443.3 366.4 549.6





#65

tert-Butylbenzene

Concen: 13.543 ppbv

RT: 16.072 min Scan# 4187

Delta R.T. 0.006 min

Lab File: VL041598.D

Acq: 16 Sep 2024 17:20

Instrument :

MSVOA_L

ClientSampleId :

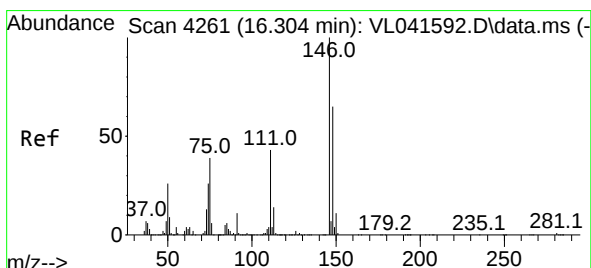
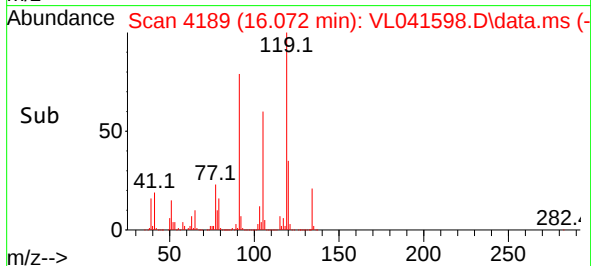
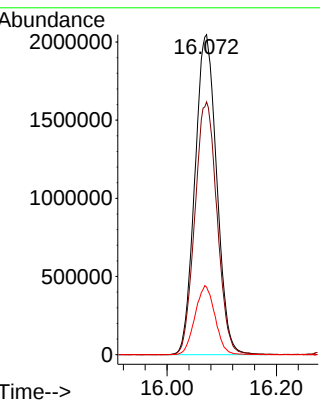
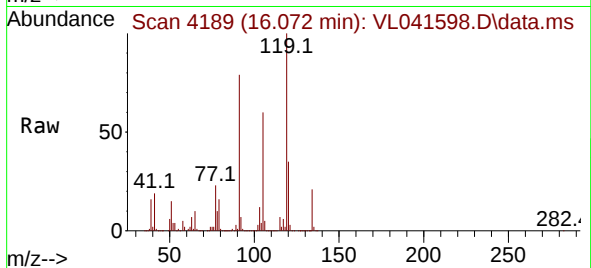
Tgt Ion:119 Resp: 5661694

Ion Ratio Lower Upper

119 100

91 80.2 64.6 96.8

134 19.8 15.8 23.8



#66

Benzyl Chloride

Concen: 13.685 ppbv

RT: 16.304 min Scan# 4261

Delta R.T. 0.000 min

Lab File: VL041598.D

Acq: 16 Sep 2024 17:20

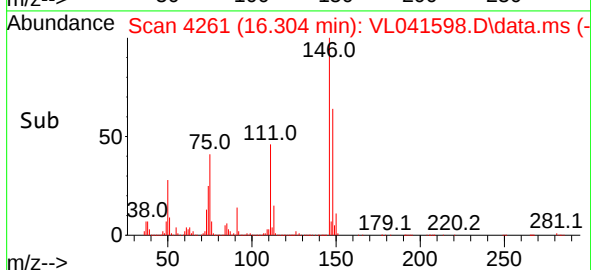
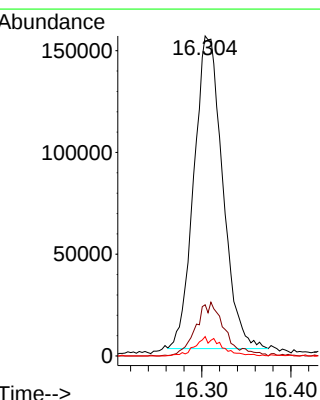
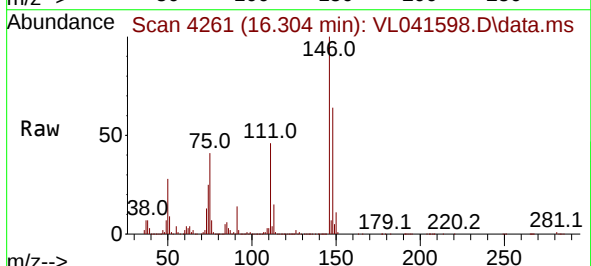
Tgt Ion: 91 Resp: 343877

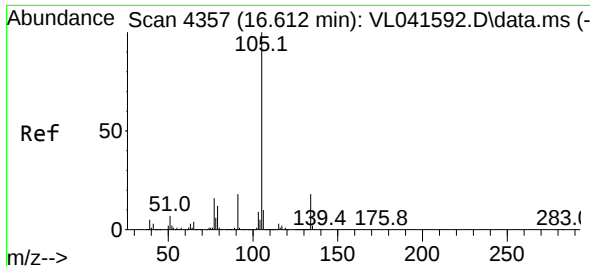
Ion Ratio Lower Upper

91 100

126 17.8 15.4 23.2

128 5.9 4.8 7.2





#67

sec-Butylbenzene

Concen: 13.585 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

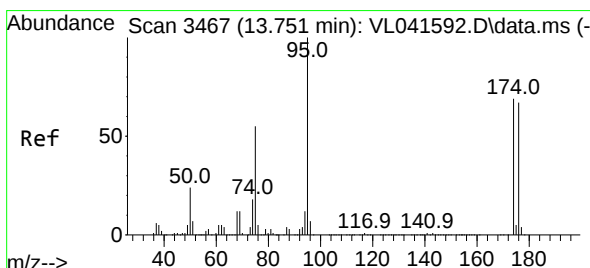
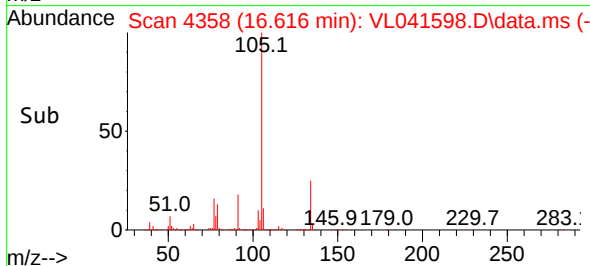
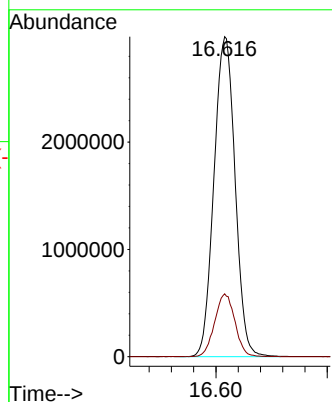
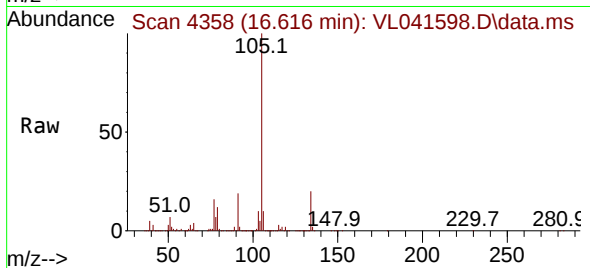
ClientSampleId :

Tgt Ion:105 Resp: 7844186

Ion Ratio Lower Upper

105 100

134 18.9 14.6 21.8



#68

1-Bromo-4-Fluorobenzene

Concen: 9.469 ppbv

RT: 13.757 min Scan# 3469

Delta R.T. 0.006 min

Lab File: VL041598.D

Acq: 16 Sep 2024 17:20

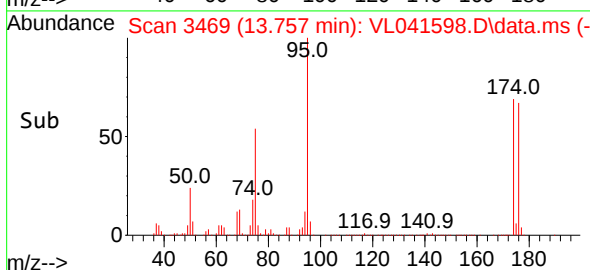
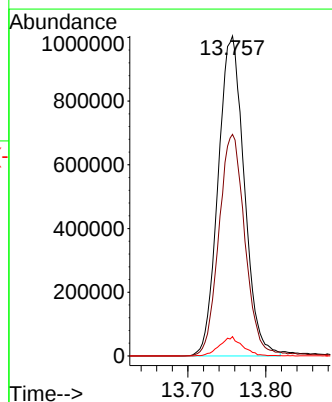
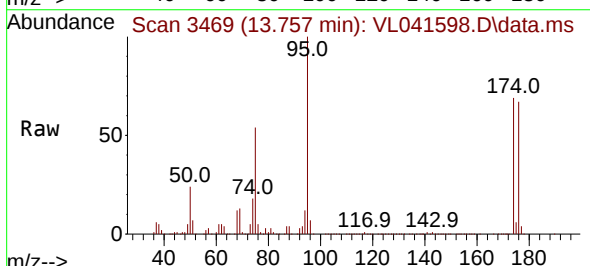
Tgt Ion: 95 Resp: 2332788

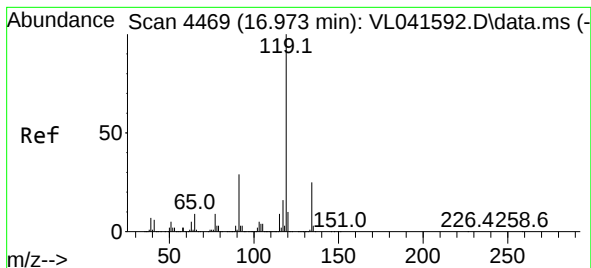
Ion Ratio Lower Upper

95 100

174 70.4 55.8 83.8

175 5.4 4.1 6.1





#69

p-Isopropyltoluene

Concen: 13.831 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 :

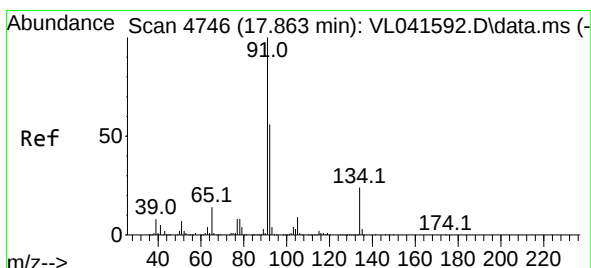
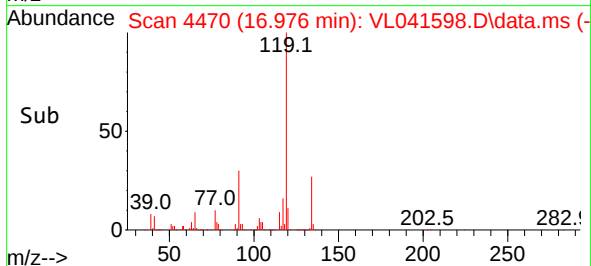
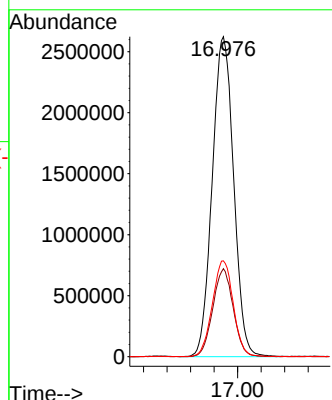
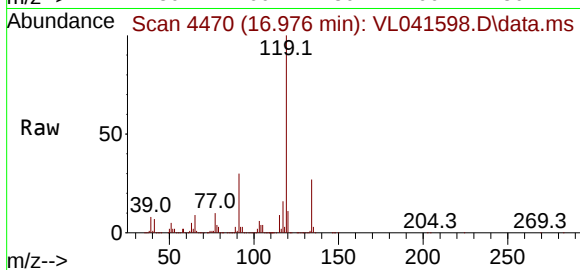
Tgt Ion:119 Resp: 6613794

Ion Ratio Lower Upper

119 100

134 26.3 20.5 30.7

91 29.2 23.1 34.7



#70

n-Butylbenzene

Concen: 13.918 ppbv

RT: 17.863 min Scan# 4746

Delta R.T. 0.000 min

Lab File: VL041598.D

Acq: 16 Sep 2024 17:20

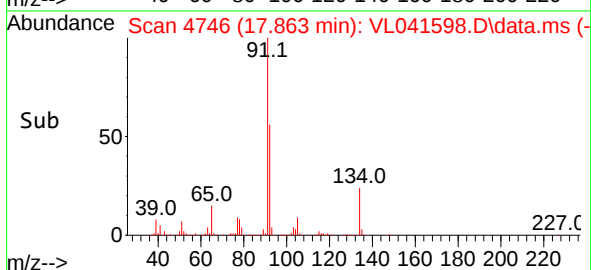
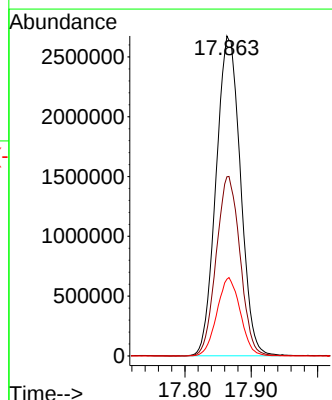
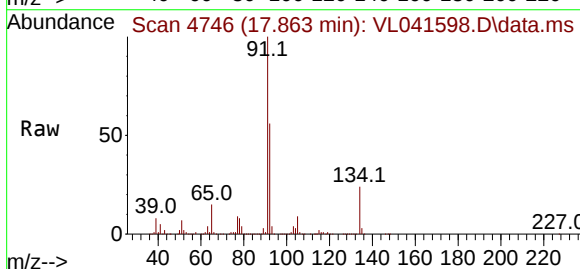
Tgt Ion: 91 Resp: 6825900

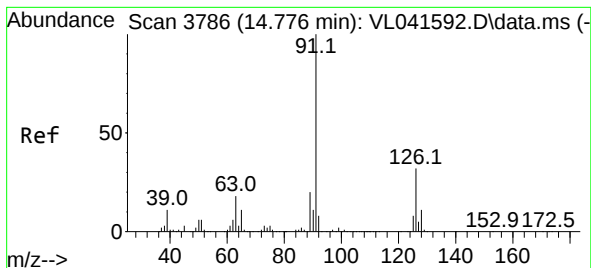
Ion Ratio Lower Upper

91 100

92 55.1 43.2 64.8

134 23.6 18.6 27.8

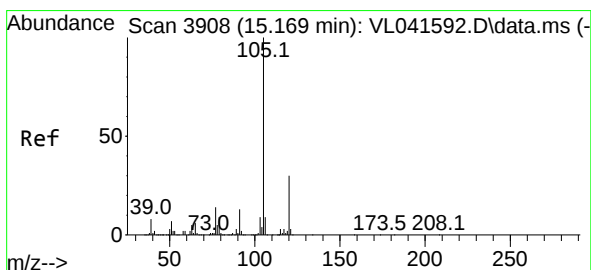
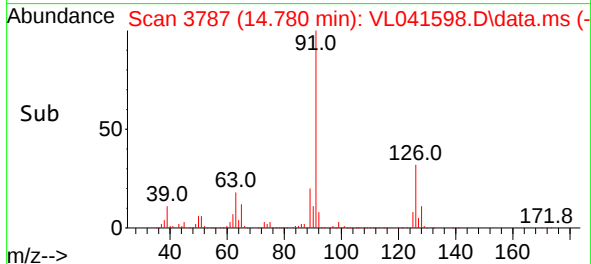
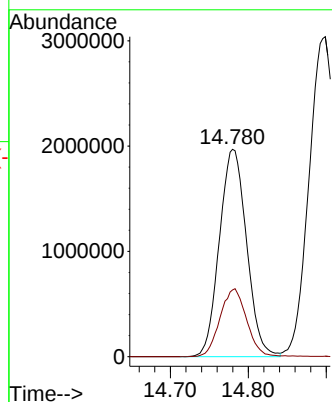
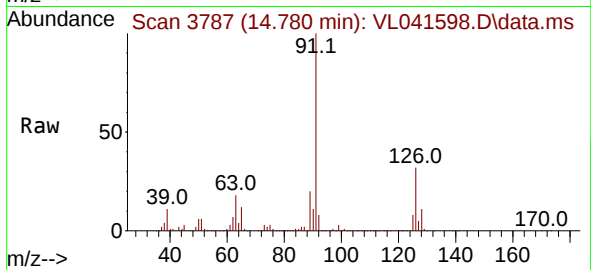




#71
2-Chlorotoluene
Concen: 13.992 ppbv
RT: 14.780 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL041598.D
Acq: 16 Sep 2024 17:20

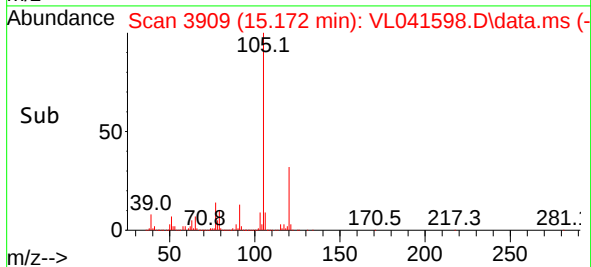
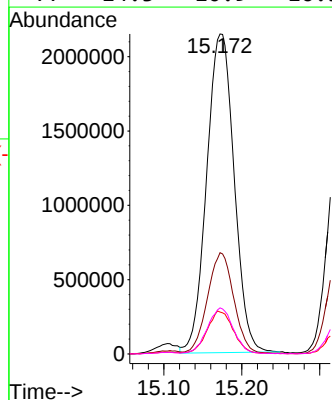
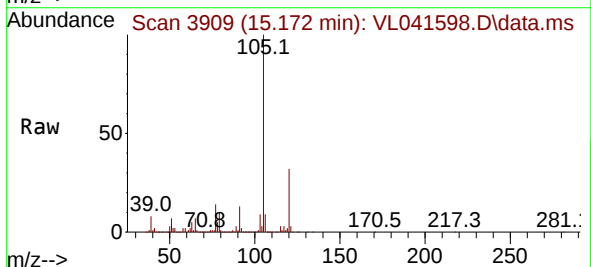
Instrument :
MSVOA_L
ClientSampleId :

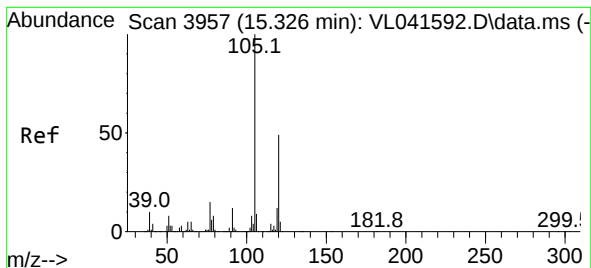
Tgt Ion: 91 Resp: 4774971
Ion Ratio Lower Upper
91 100
126 32.3 12.9 51.5



#72
4-Ethyltoluene
Concen: 14.659 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: 14.668 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

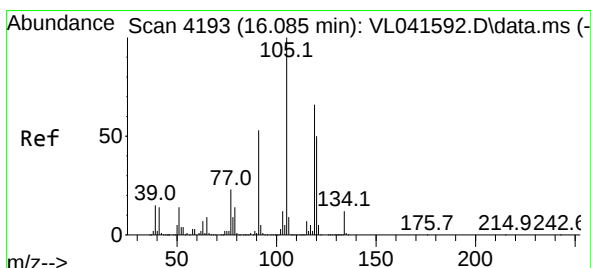
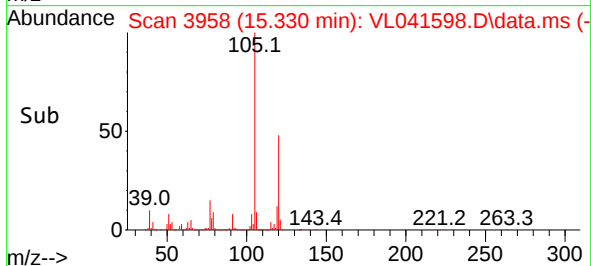
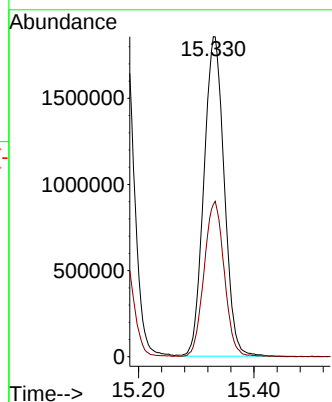
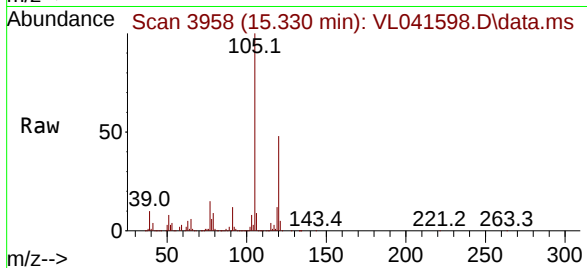
ClientSampleId :

Tgt Ion:105 Resp: 4527850

Ion Ratio Lower Upper

105 100

120 47.6 39.4 59.0



#74

1,2,4-Trimethylbenzene

Concen: 13.746 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

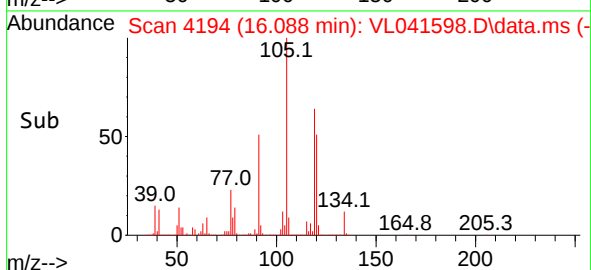
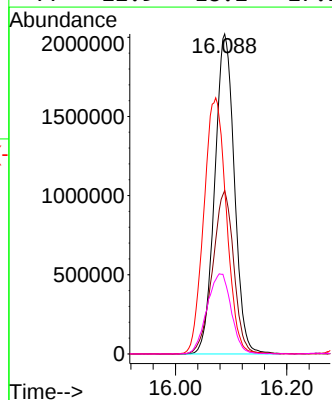
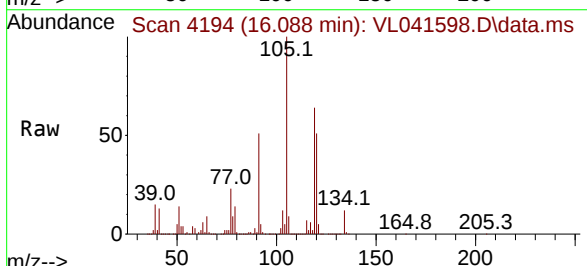
Ion Ratio Lower Upper

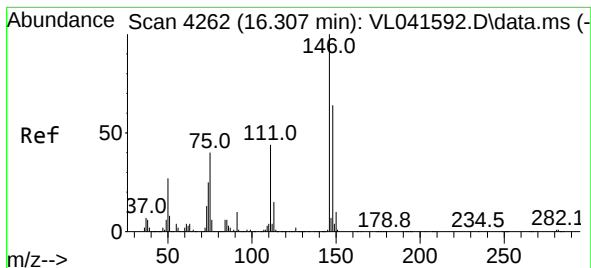
105 100

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: 13.810 ppbv

RT: 16.313 min Scan# 41

Delta R.T. 0.006 min

Lab File: VL041598.D

Acq: 16 Sep 2024 17:20

Instrument :

MSVOA_L

ClientSampleId :

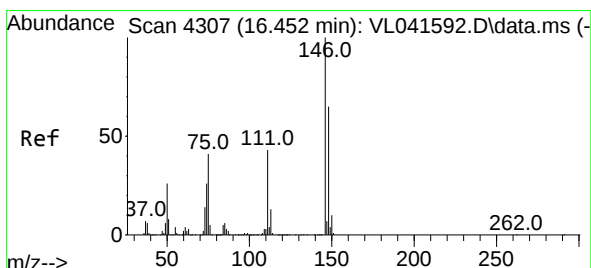
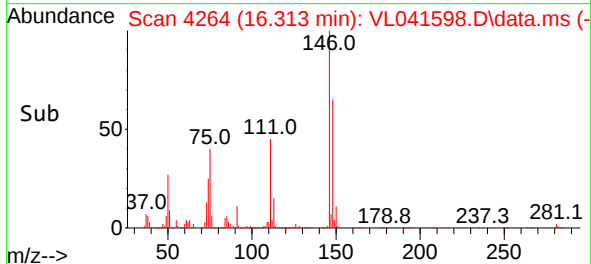
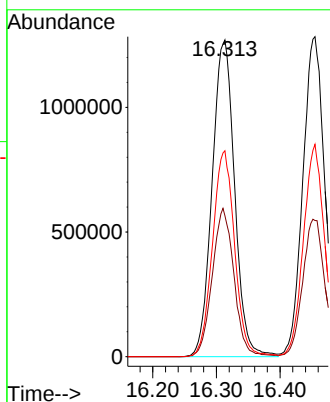
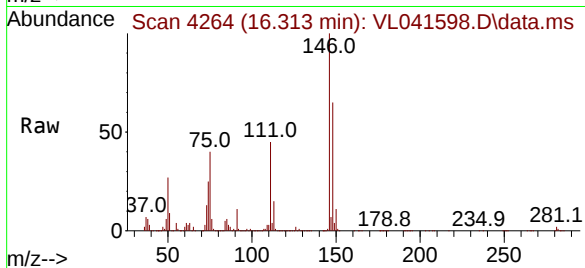
Tgt Ion:146 Resp: 3113298

Ion Ratio Lower Upper

146 100

111 45.3 22.4 67.0

148 64.2 32.1 96.5



#76

1,4-Dichlorobenzene

Concen: 14.046 ppbv

RT: 16.455 min Scan# 4308

Delta R.T. 0.003 min

Lab File: VL041598.D

Acq: 16 Sep 2024 17:20

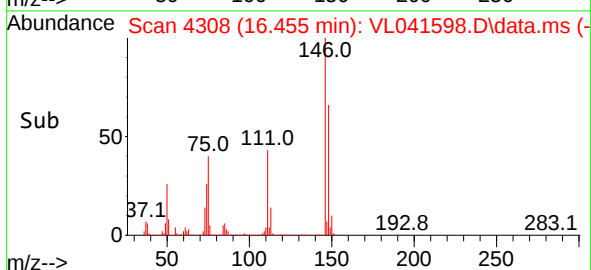
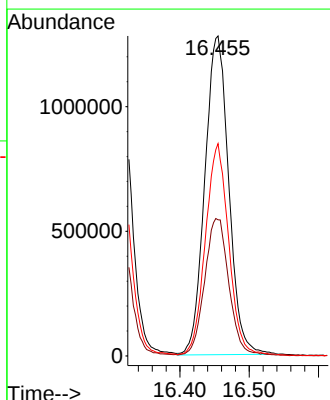
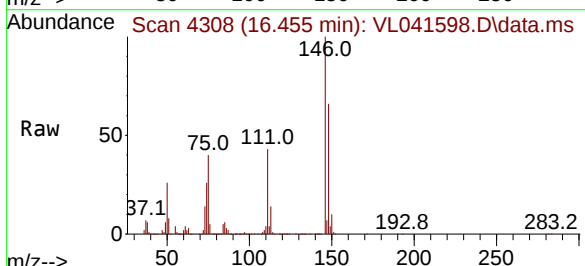
Tgt Ion:146 Resp: 3063921

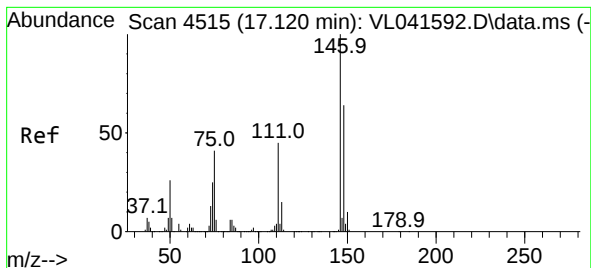
Ion Ratio Lower Upper

146 100

111 44.1 22.4 67.3

148 65.5 32.8 98.4





#77

1,2-Dichlorobenzene

Concen: 13.507 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 :

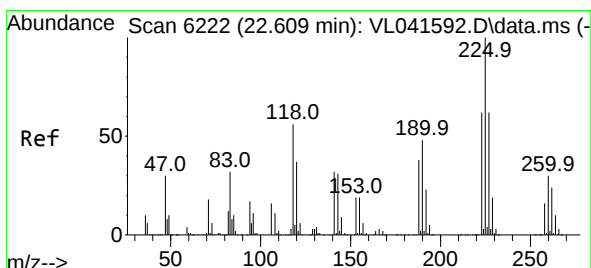
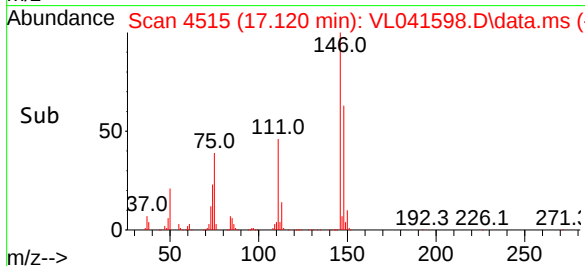
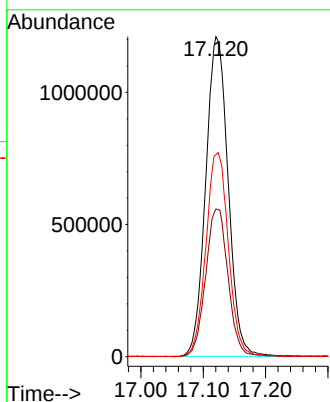
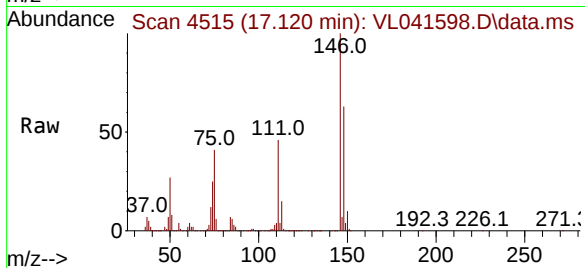
Tgt Ion:146 Resp: 3015374

Ion Ratio Lower Upper

146 100

111 46.6 23.4 70.0

148 64.3 32.5 97.4



#78

Hexachloro-1,3-Butadiene

Concen: 12.136 ppbv

RT: 22.609 min Scan# 6222

Delta R.T. 0.000 min

Lab File: VL041598.D

Acq: 16 Sep 2024 17:20

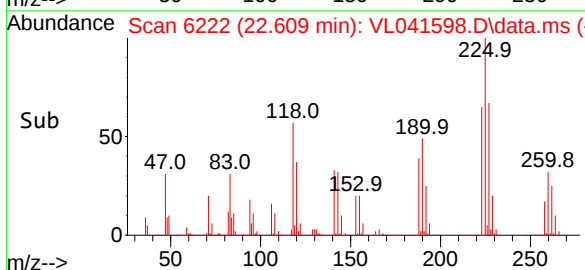
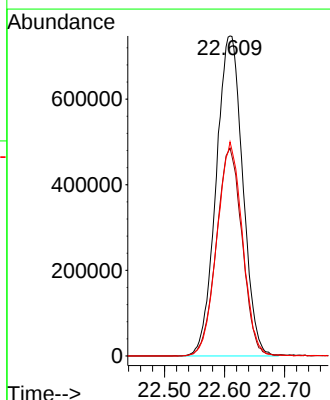
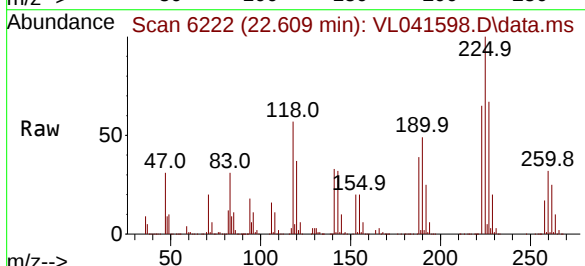
Tgt Ion:225 Resp: 2302119

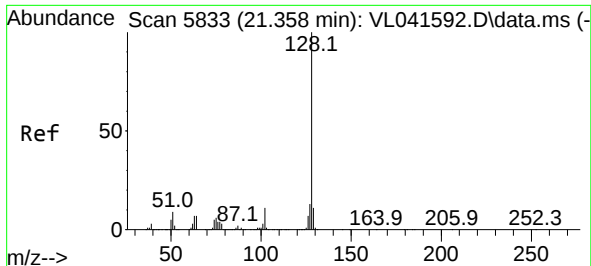
Ion Ratio Lower Upper

225 100

223 63.0 50.6 75.8

227 64.2 50.9 76.3

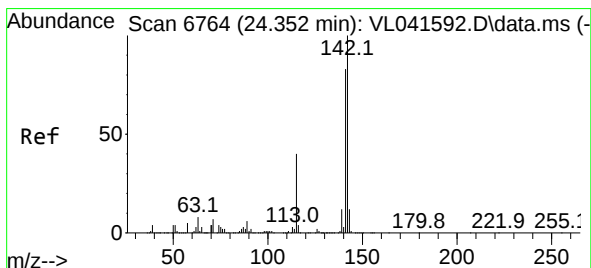
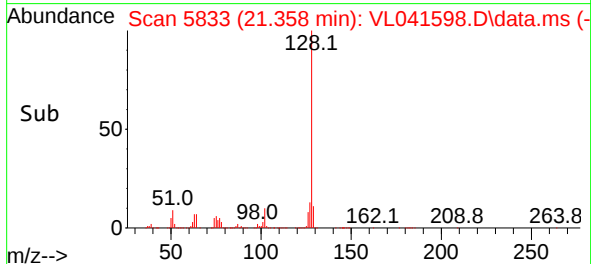
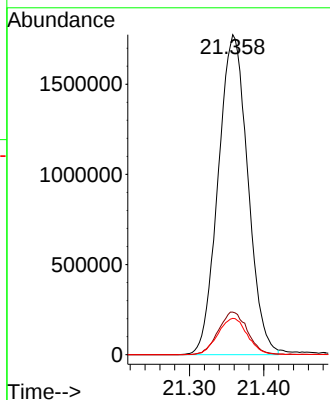
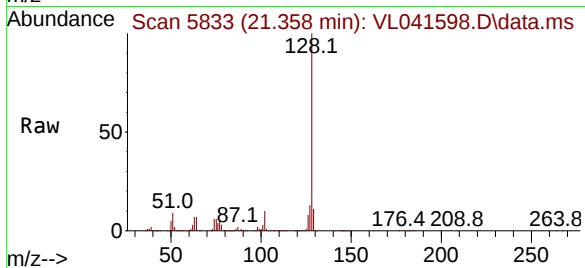




#79
Naphthalene
Concen: 15.823 ppbv
RT: 21.358 min Scan# 5833
Delta R.T. 0.000 min
Lab File: VL041598.D
Acq: 16 Sep 2024 17:20

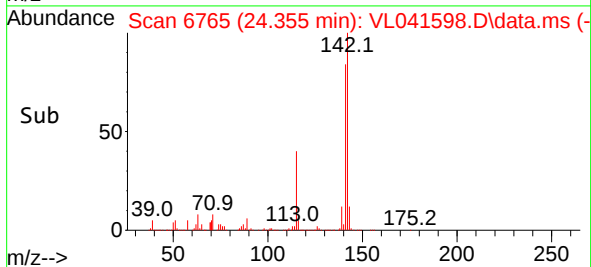
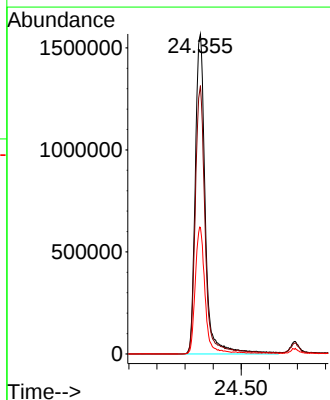
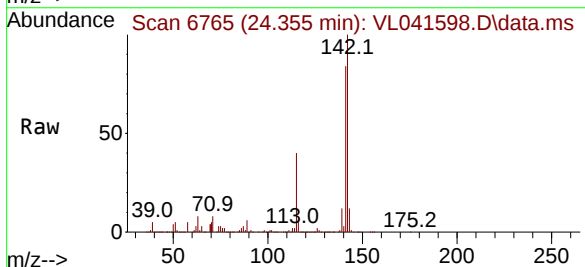
Instrument :
MSVOA_L
ClientSampleId :

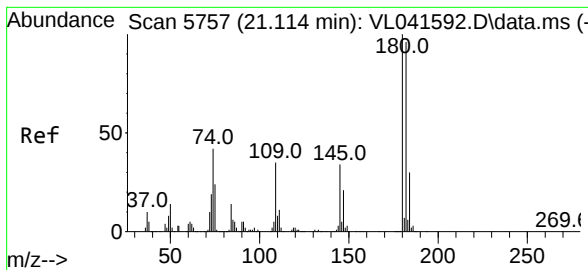
Tgt Ion:128 Resp: 4916804
Ion Ratio Lower Upper
128 100
127 13.3 10.1 15.1
129 11.4 9.1 13.7



#80
Naphthalene,2-methyl-
Concen: 15.657 ppbv
RT: 24.355 min Scan# 6765
Delta R.T. 0.003 min
Lab File: VL041598.D
Acq: 16 Sep 2024 17:20

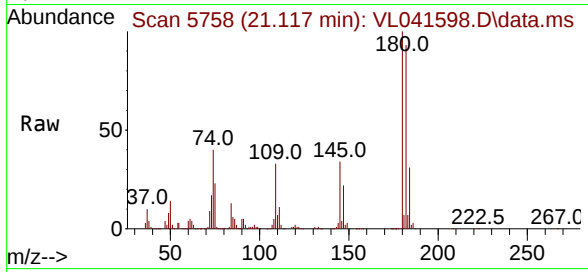
Tgt Ion:142 Resp: 3899900
Ion Ratio Lower Upper
142 100
141 82.8 66.3 99.5
115 39.3 31.4 47.2





#81
 1,2,4-Trichlorobenzene
 Concen: 14.130 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 :



Tgt Ion:	180	Resp:	2616194
Ion	Ratio	Lower	Upper
180	100		
182	96.1	76.5	114.7
184	31.2	24.7	37.1

