

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101024\
 Data File : VL041658.D
 Acq On : 11 Oct 2024 1:15
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Oct 11 05:48:50 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 09:12:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.176	49	1040122	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.639	114	2879186	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.455	117	2976621	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.764	95	2132871	9.734	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.300%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.706	85	1091242	7.265	ppbv	100
3) Chlorodifluoromethane	2.652	51	1207784	9.573	ppbv	99
4) Chloromethane	2.790	50	673494	9.706	ppbv	99
5) Vinyl Chloride	2.899	62	637676	10.614	ppbv	100
6) Bromomethane	3.096	94	249384	8.343	ppbv	96
7) Chloroethane	3.176	64	230023	9.844	ppbv	99
8) Dichlorotetrafluoroethane	2.835	85	1552380	9.852	ppbv	99
9) Propene	2.671	41	549160	10.320	ppbv	99
10) Heptane	7.565	43	1388445	11.144	ppbv	99
11) Trichlorofluoromethane	3.542	101	1556005	9.735	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.047	101	1152988	9.960	ppbv	99
13) Ethanol	3.231	45	20578	5.144	ppbv	98
14) Bromoethene	3.346	108	452237	10.302	ppbv	100
15) Acetone	3.446	43	1132928	8.676	ppbv	100
16) 1,3-Butadiene	2.964	39	648833	10.216	ppbv	97
17) tert-Butyl alcohol	3.858	59	1056410	9.199	ppbv	99
18) 1,1-Dichloroethene	3.861	96	498569	10.173	ppbv	97
19) Isopropyl Alcohol	3.555	45	581189	8.694	ppbv #	95
20) Methylene Chloride	3.912	84	404165	8.239	ppbv	90
21) Allyl Chloride	3.977	41	762853	10.079	ppbv	98
22) trans-1,2-Dichloroethene	4.427	96	484708	9.914	ppbv	99
23) Vinyl Acetate	4.610	43	800626	11.147	ppbv	98
24) 1,1-Dichloroethane	4.546	63	1120729	10.396	ppbv	99
25) Ethyl Acetate	5.189	43	2463136	10.507	ppbv	100
26) Hexane	5.195	57	1025764	10.493	ppbv	98
27) Carbon Disulfide	4.105	76	1186557	11.418	ppbv	99
28) Methyl tert-Butyl Ether	4.568	73	602858	10.002	ppbv	99
29) Chloroform	5.259	83	1599561	9.999	ppbv	95
30) Cyclohexane	6.584	84	856580	11.367	ppbv	99
31) cis-1,2-Dichloroethene	5.060	61	958198	10.324	ppbv	98
32) 1,1,1-Trichloroethane	5.989	97	1561753	10.960	ppbv	99
34) 2-Butanone	4.767	43	1258099	9.164	ppbv	98
35) Carbon Tetrachloride	6.481	117	1632553	11.556	ppbv	99
36) Benzene	6.356	78	2156718	10.786	ppbv	99
37) 1,2-Dichloroethane	5.790	62	1190412	10.261	ppbv	99
38) Trichloroethene	7.279	130	1108416	10.764	ppbv	98
39) 1,2-Dichloropropane	7.060	63	841867	10.349	ppbv	99
40) 1,4-Dioxane	7.272	88	330574	10.780	ppbv #	99
41) Tetrahydrofuran	5.539	42	846105	11.199	ppbv	99
42) Bromodichloromethane	7.237	83	1723651	10.679	ppbv	97
43) Methyl Methacrylate	7.462	69	827399	11.563	ppbv	100
44) 2,2,4-Trimethylpentane	7.311	57	3696451	10.685	ppbv	99
45) t-1,3-Dichloropropene	8.700	75	612054	10.609	ppbv	99

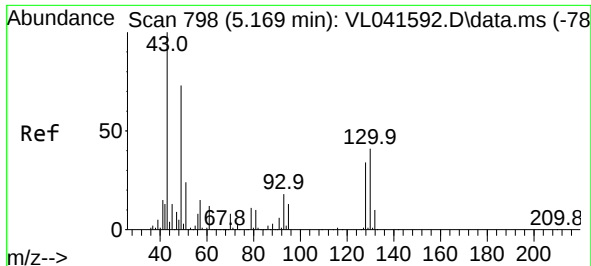
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101024\
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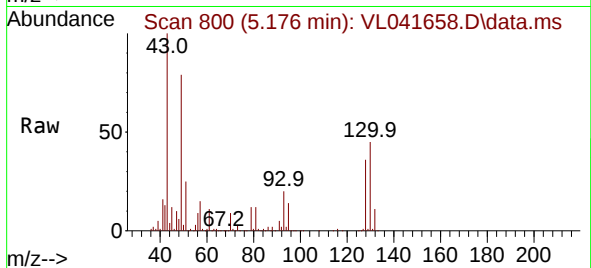
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.131	75	911692	10.787	ppbv	98
47) 1,1,2-Trichloroethane	8.886	97	892831	10.337	ppbv	98
48) Dibromochloromethane	9.697	129	1460113	11.158	ppbv	100
49) Bromoform	12.397	173	1259709	11.214	ppbv	99
50) 4-Methyl-2-Pentanone	8.166	43	2444783	11.531	ppbv	99
51) 2-Hexanone	9.539	43	1905338	11.881	ppbv #	99
52) Tetrachloroethene	10.603	164	793294	10.956	ppbv	96
53) Toluene	9.208	91	2493037	11.745	ppbv	99
54) 1,2-Dibromoethane	9.996	107	1179585	11.090	ppbv	97
56) 1,1,1,2-Tetrachloroethane	11.497	131	1101083	9.474	ppbv	99
57) Chlorobenzene	11.516	112	1965001	9.156	ppbv	98
58) Ethyl Benzene	12.079	91	3381819	10.613	ppbv	99
59) m/p-Xylene	12.359	91	3187603	11.240	ppbv #	43
60) o-Xylene	13.050	91	2804368	10.314	ppbv	100
61) Styrene	12.889	104	1314465	11.572	ppbv	99
62) Isopropylbenzene	14.018	105	4071670	9.884	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.037	83	1481660	10.658	ppbv	99
64) n-propylbenzene	14.902	120	1093631	10.280	ppbv	100
65) tert-Butylbenzene	16.079	119	3652217	9.672	ppbv	100
66) Benzyl Chloride	16.317	91	197528	10.062	ppbv	97
67) sec-Butylbenzene	16.626	105	5137677	9.807	ppbv	100
69) p-Isopropyltoluene	16.982	119	4269158	10.068	ppbv	100
70) n-Butylbenzene	17.876	91	4388221	9.879	ppbv	100
71) 2-Chlorotoluene	14.790	91	3045272	10.047	ppbv	99
72) 4-Ethyltoluene	15.182	105	3354252	10.554	ppbv	99
73) 1,3,5-Trimethylbenzene	15.339	105	2857424	10.181	ppbv	96
74) 1,2,4-Trimethylbenzene	16.095	105	3191011	9.714	ppbv	96
75) 1,3-Dichlorobenzene	16.320	146	1912425	9.289	ppbv	100
76) 1,4-Dichlorobenzene	16.462	146	1877778	9.519	ppbv	98
77) 1,2-Dichlorobenzene	17.130	146	1862671	9.165	ppbv	100
78) Hexachloro-1,3-Butadiene	22.616	225	1288904	7.688	ppbv	99
79) Naphthalene	21.375	128	2460422	10.177	ppbv	99
80) Naphthalene,2-methyl-	24.362	142	826416	4.878	ppbv	99
81) 1,2,4-Trichlorobenzene	21.127	180	1304730	8.489	ppbv	98

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

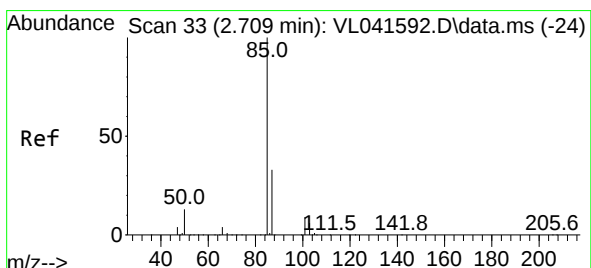
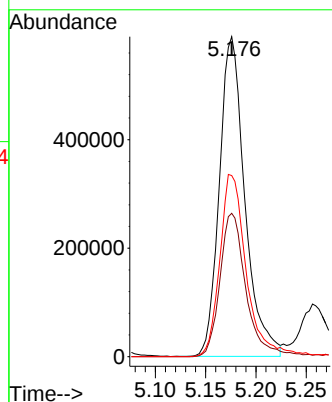
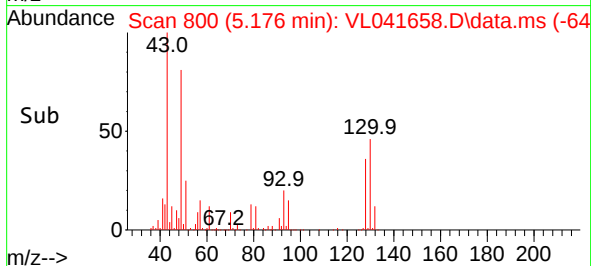


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.176 min Scan# 80
Delta R.T. 0.007 min
Lab File: VL041658.D
Acq: 11 Oct 2024 1:15

Instrument :
MSVOA_L
ClientSampleId :

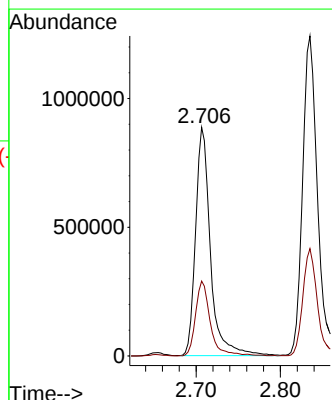
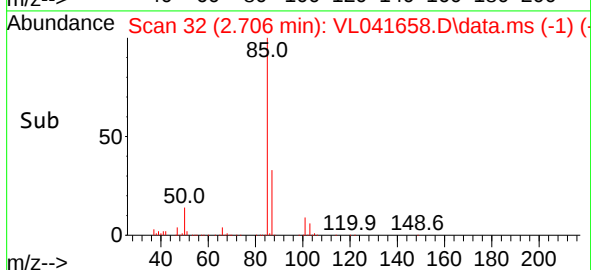
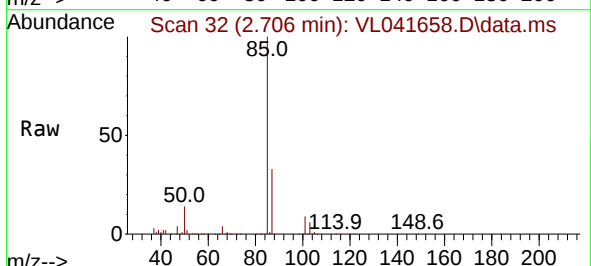


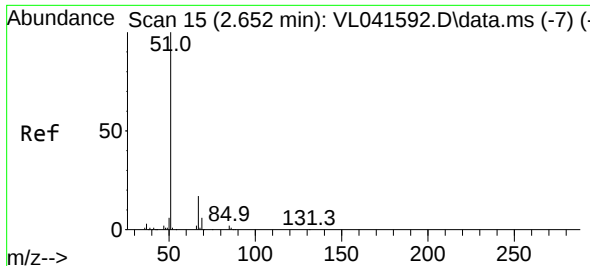
Tgt Ion: 49 Resp: 1040122
Ion Ratio Lower Upper
49 100
128 46.5 23.8 71.5
130 60.0 30.4 91.3



#2
Dichlorodifluoromethane
Concen: 7.265 ppbv
RT: 2.706 min Scan# 32
Delta R.T. -0.003 min
Lab File: VL041658.D
Acq: 11 Oct 2024 1:15

Tgt Ion: 85 Resp: 1091242
Ion Ratio Lower Upper
85 100
87 32.7 26.3 39.5

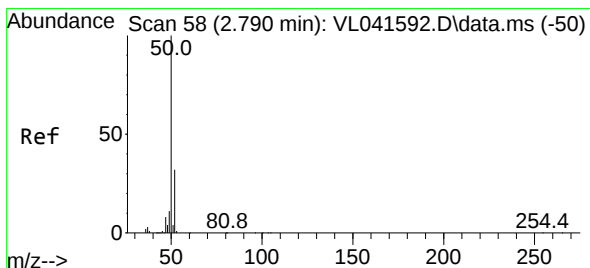
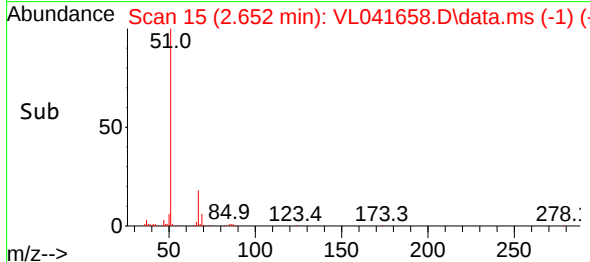
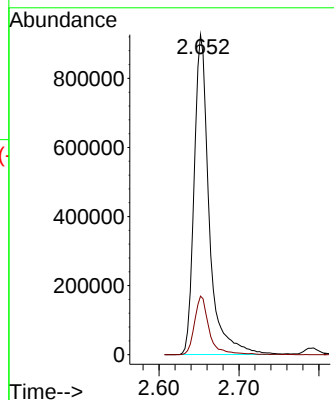
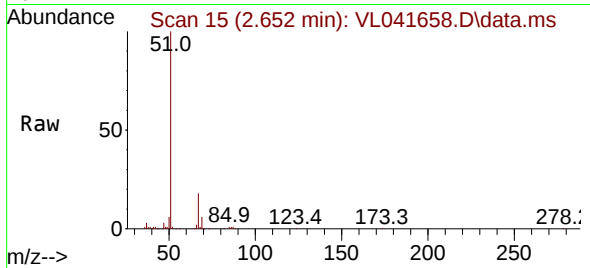




#3
Chlorodifluoromethane
Concen: 9.573 ppbv
RT: 2.652 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL041658.D
Acq: 11 Oct 2024 1:15

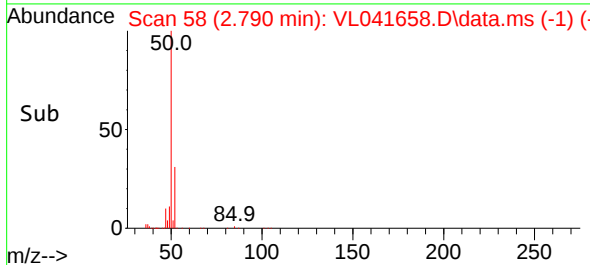
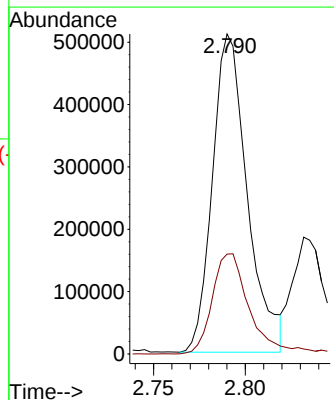
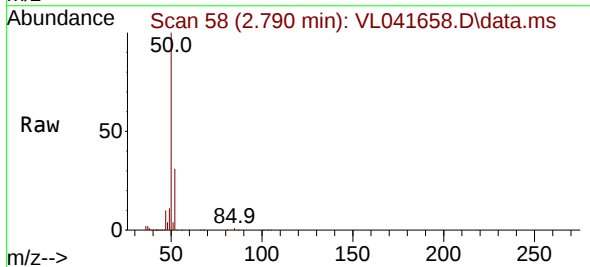
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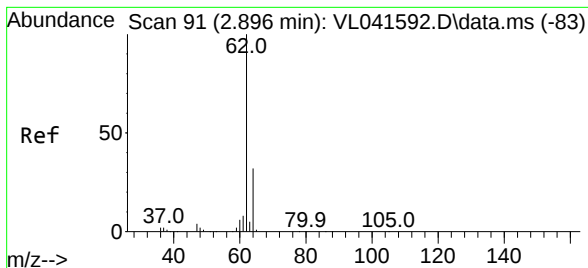
Tgt Ion: 51 Resp: 1207784
Ion Ratio Lower Upper
51 100
67 18.1 14.1 21.1



#4
Chloromethane
Concen: 9.706 ppbv
RT: 2.790 min Scan# 58
Delta R.T. 0.000 min
Lab File: VL041658.D
Acq: 11 Oct 2024 1:15

Tgt Ion: 50 Resp: 673494
Ion Ratio Lower Upper
50 100
52 31.3 25.4 38.2

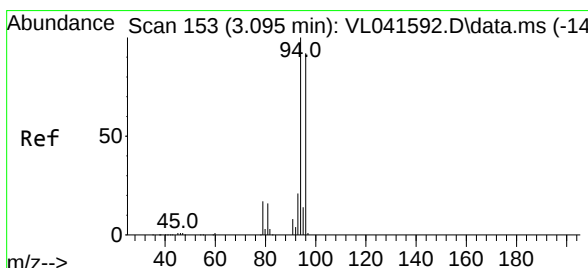
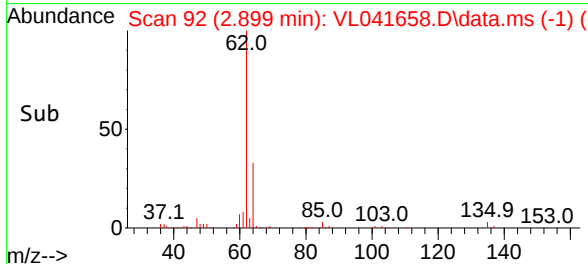
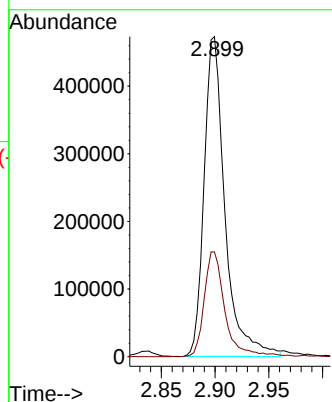
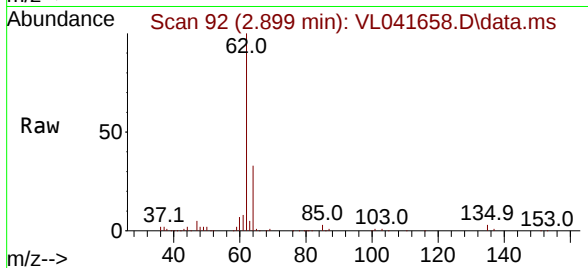




#5
 Vinyl Chloride
 Concen: 10.614 ppbv
 RT: 2.899 min Scan# 91
 Delta R.T. 0.003 min
 Lab File: VL041658.D
 Acq: 11 Oct 2024 1:15

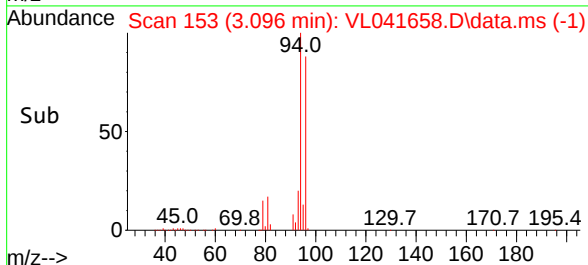
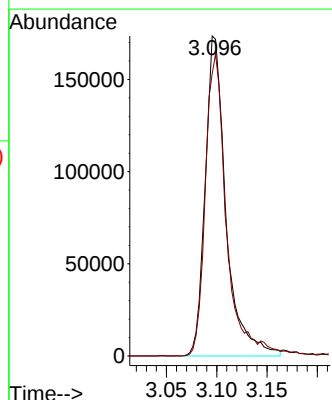
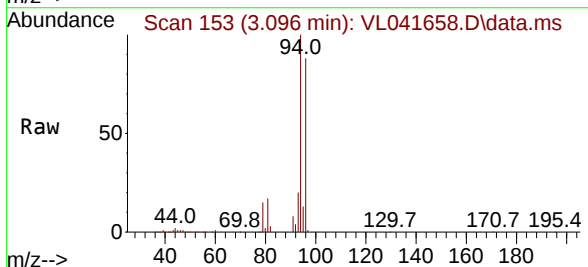
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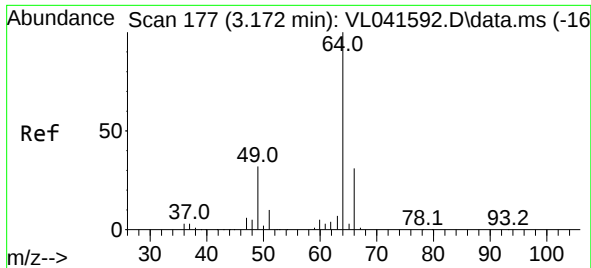
Tgt Ion: 62 Resp: 637676
 Ion Ratio Lower Upper
 62 100
 64 32.8 26.0 39.0



#6
 Bromomethane
 Concen: 8.343 ppbv
 RT: 3.096 min Scan# 153
 Delta R.T. 0.000 min
 Lab File: VL041658.D
 Acq: 11 Oct 2024 1:15

Tgt Ion: 94 Resp: 249384
 Ion Ratio Lower Upper
 94 100
 96 88.2 73.4 110.2

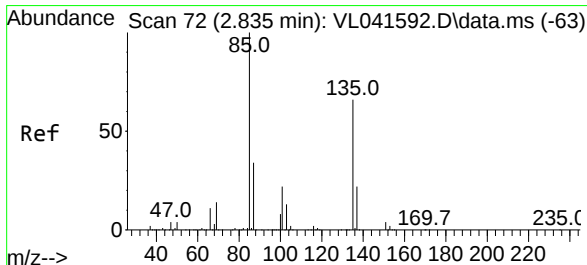
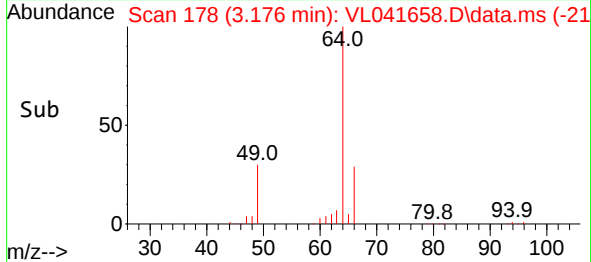
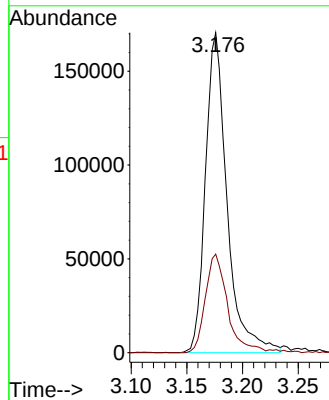
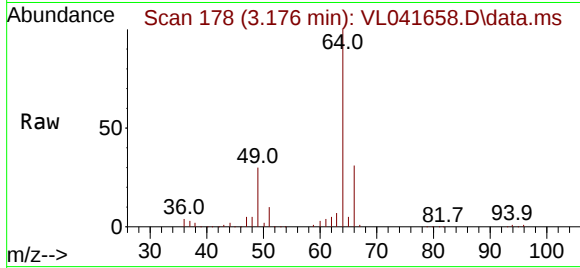




#7
Chloroethane
Concen: 9.844 ppbv
RT: 3.176 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL041658.D
Acq: 11 Oct 2024 1:15

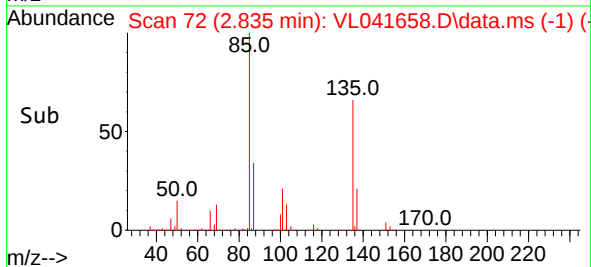
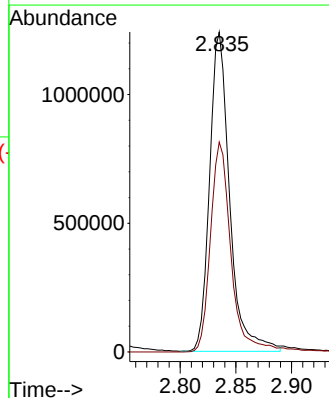
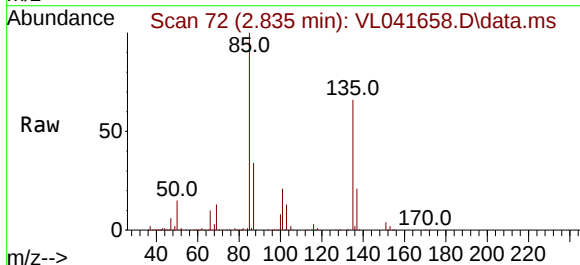
Instrument :
MSVOA_L
ClientSampleId :

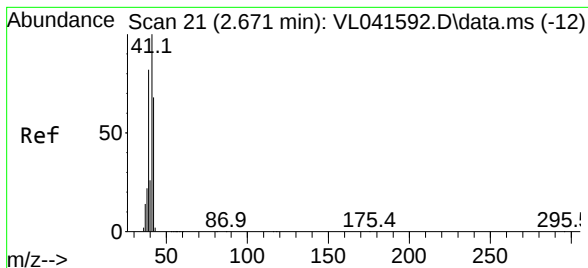
Tgt Ion: 64 Resp: 230023
Ion Ratio Lower Upper
64 100
66 30.8 25.1 37.7



#8
Dichlorotetrafluoroethane
Concen: 9.852 ppbv
RT: 2.835 min Scan# 72
Delta R.T. 0.000 min
Lab File: VL041658.D
Acq: 11 Oct 2024 1:15

Tgt Ion: 85 Resp: 1552380
Ion Ratio Lower Upper
85 100
135 68.3 53.9 80.9

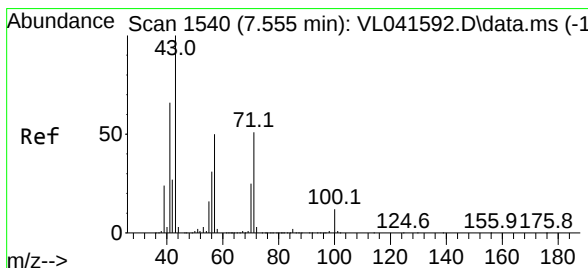
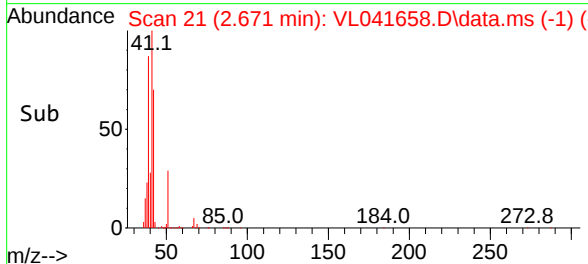
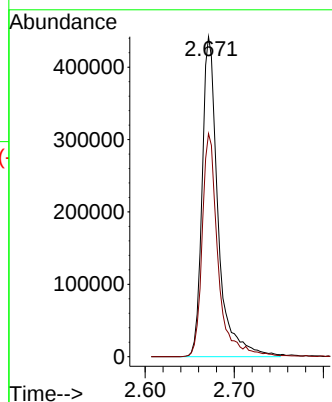
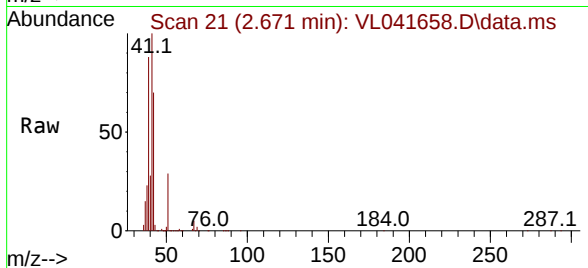




#9
Propene
Concen: 10.320 ppbv
RT: 2.671 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL041658.D
Acq: 11 Oct 2024 1:15

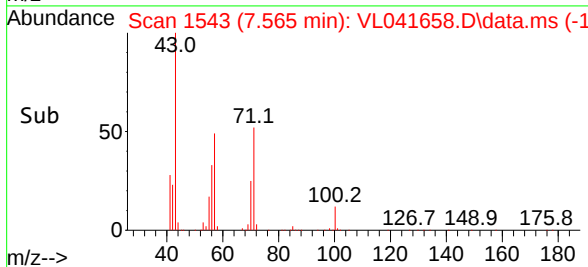
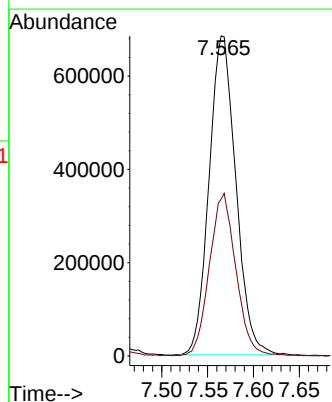
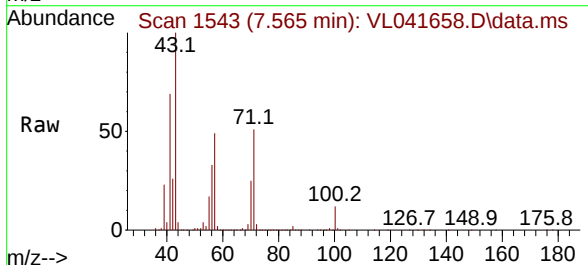
Instrument :
MSVOA_L
ClientSampleId :

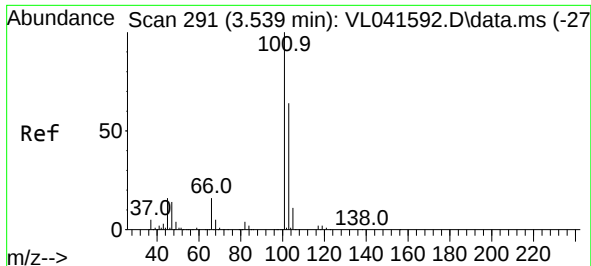
Tgt Ion: 41 Resp: 549160
Ion Ratio Lower Upper
41 100
42 70.0 55.2 82.8



#10
Heptane
Concen: 11.144 ppbv
RT: 7.565 min Scan# 1543
Delta R.T. 0.010 min
Lab File: VL041658.D
Acq: 11 Oct 2024 1:15

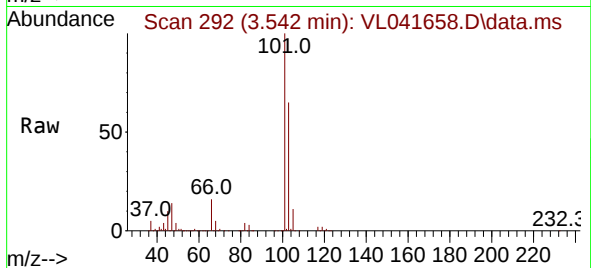
Tgt Ion: 43 Resp: 1388445
Ion Ratio Lower Upper
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57 50.8 39.8 59.8



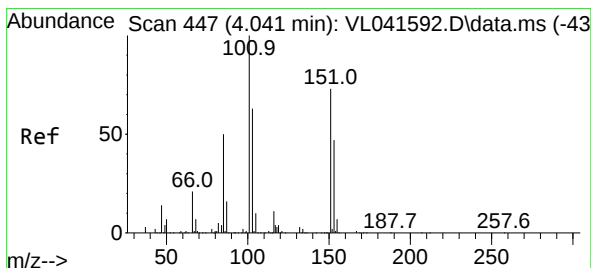
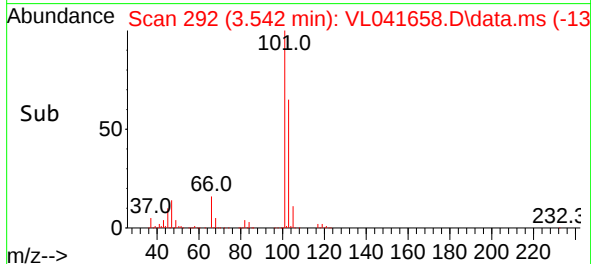
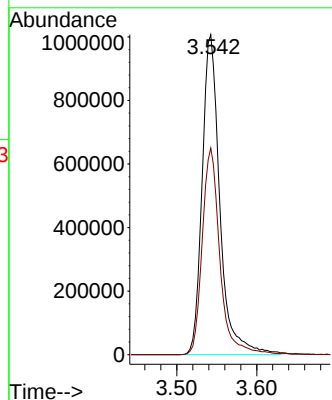


#11
Trichlorofluoromethane
Concen: 9.735 ppbv
RT: 3.542 min Scan# 291
Delta R.T. 0.003 min
Lab File: VL041658.D
Acq: 11 Oct 2024 1:15

Instrument :
MSVOA_L
ClientSampleId :

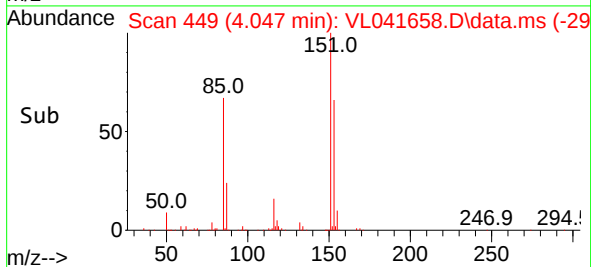
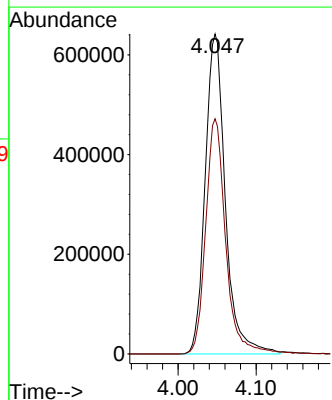
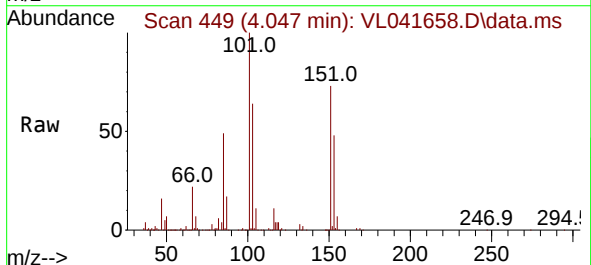


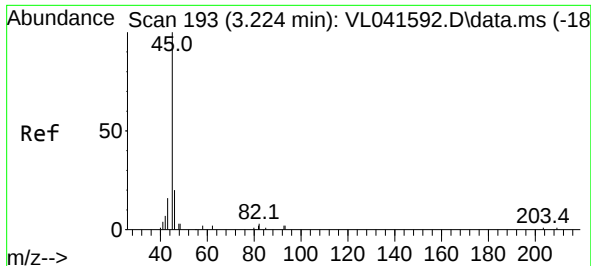
Tgt Ion:101 Resp: 1556005
Ion Ratio Lower Upper
101 100
103 64.6 51.2 76.8



#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.960 ppbv
RT: 4.047 min Scan# 449
Delta R.T. 0.007 min
Lab File: VL041658.D
Acq: 11 Oct 2024 1:15

Tgt Ion:101 Resp: 1152988
Ion Ratio Lower Upper
101 100
151 73.2 59.4 89.2

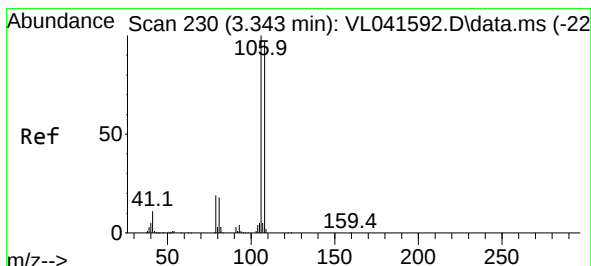
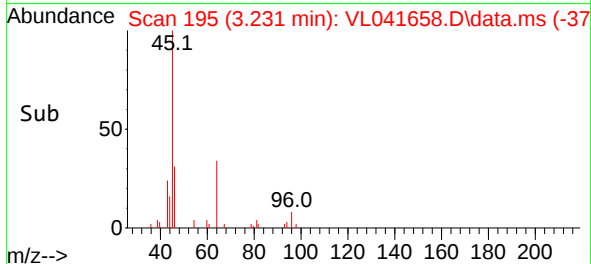
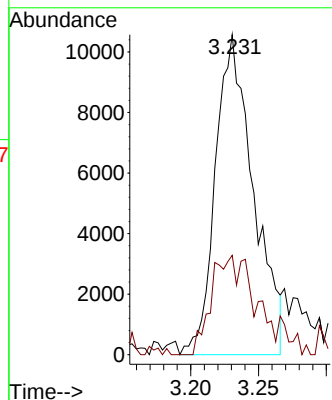
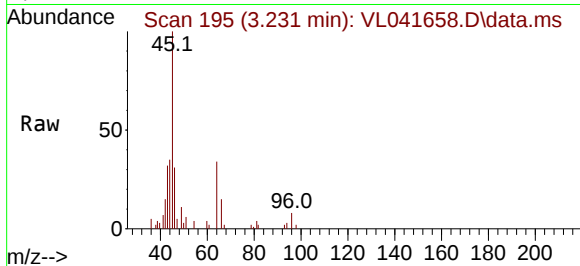




#13
Ethanol
Concen: 5.144 ppbv
RT: 3.231 min Scan# 193
Delta R.T. 0.007 min
Lab File: VL041658.D
Acq: 11 Oct 2024 1:15

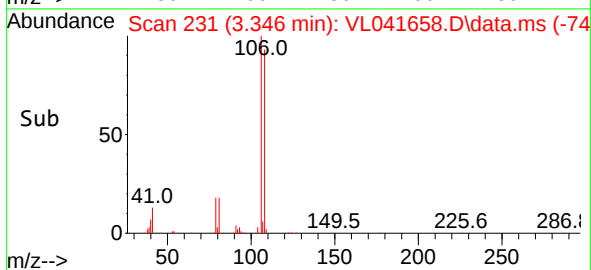
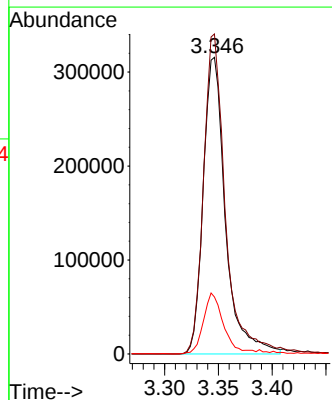
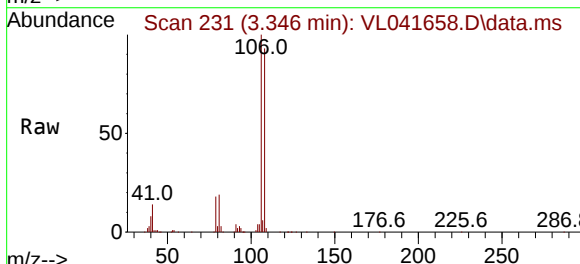
Instrument :
MSVOA_L
ClientSampleId :

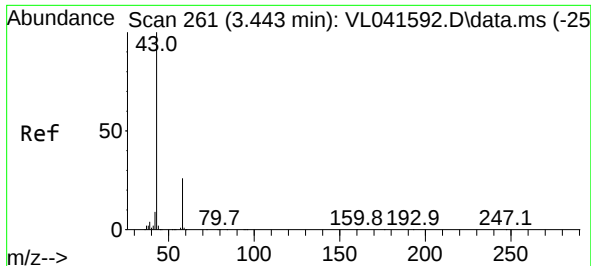
Tgt Ion: 45 Resp: 20578
Ion Ratio Lower Upper
45 100
46 39.0 15.2 60.8



#14
Bromoethene
Concen: 10.302 ppbv
RT: 3.346 min Scan# 231
Delta R.T. 0.003 min
Lab File: VL041658.D
Acq: 11 Oct 2024 1:15

Tgt Ion: 108 Resp: 452237
Ion Ratio Lower Upper
108 100
106 107.8 86.5 129.7
79 20.1 16.2 24.4

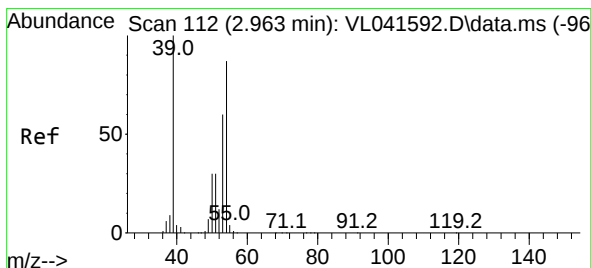
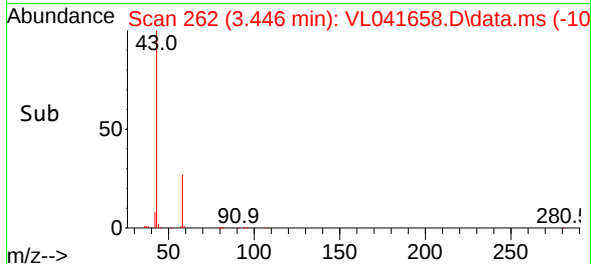
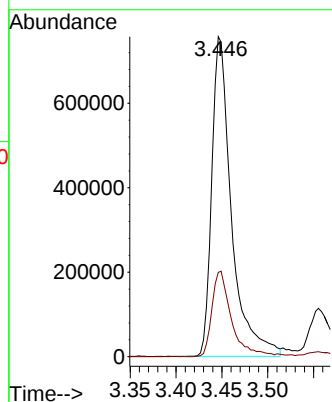
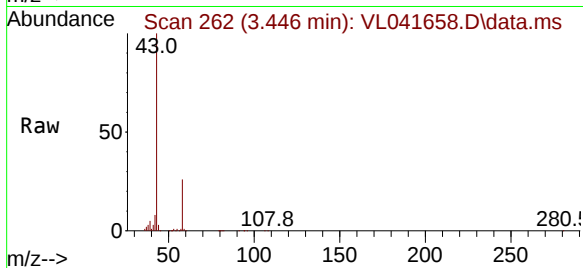




#15
Acetone
Concen: 8.676 ppbv
RT: 3.446 min Scan# 20
Delta R.T. 0.003 min
Lab File: VL041658.D
Acq: 11 Oct 2024 1:15

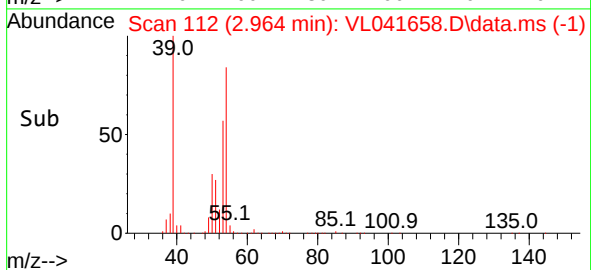
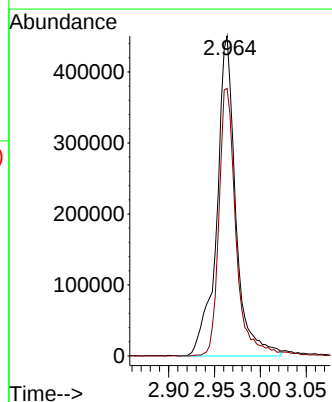
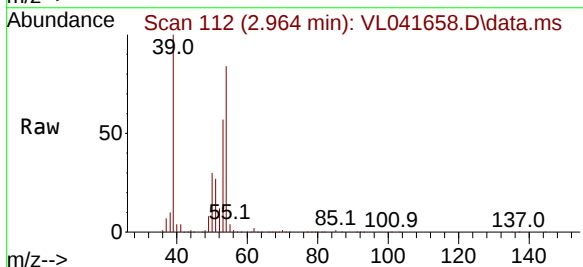
Instrument :
MSVOA_L
ClientSampleId :

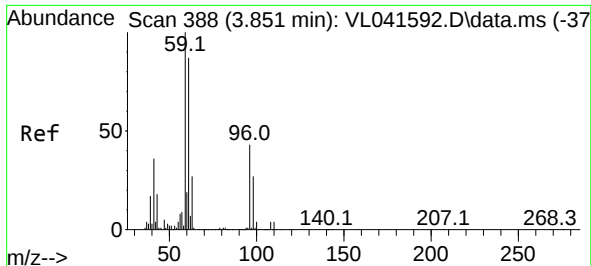
Tgt Ion: 43 Resp: 1132928
Ion Ratio Lower Upper
43 100
58 26.7 21.5 32.3



#16
1,3-Butadiene
Concen: 10.216 ppbv
RT: 2.964 min Scan# 112
Delta R.T. 0.000 min
Lab File: VL041658.D
Acq: 11 Oct 2024 1:15

Tgt Ion: 39 Resp: 648833
Ion Ratio Lower Upper
39 100
54 76.2 62.9 94.3

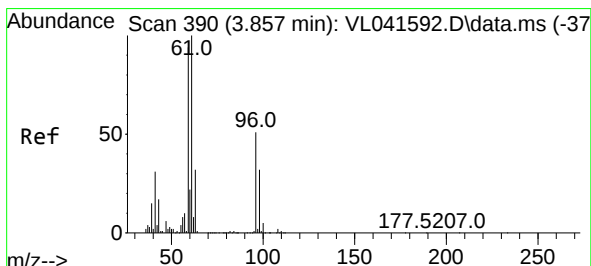
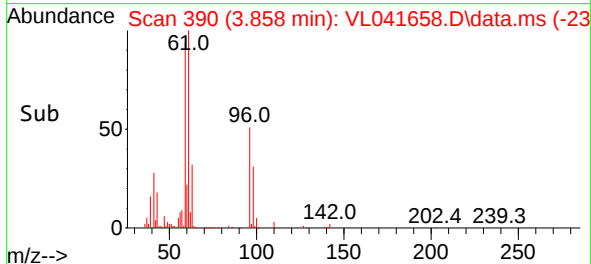
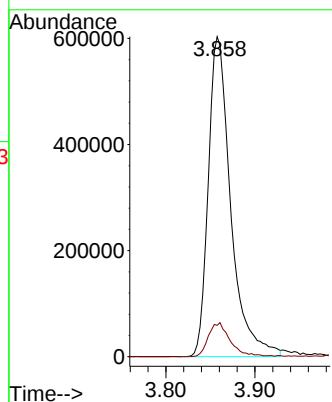
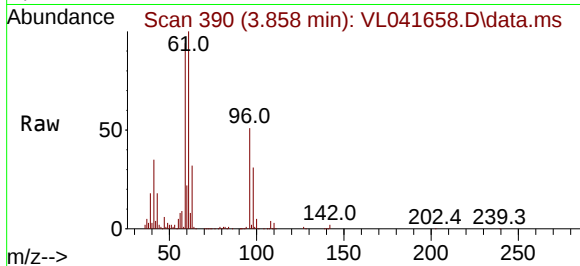




#17
tert-Butyl alcohol
Concen: 9.199 ppbv
RT: 3.858 min Scan# 390
Delta R.T. 0.007 min
Lab File: VL041658.D
Acq: 11 Oct 2024 1:15

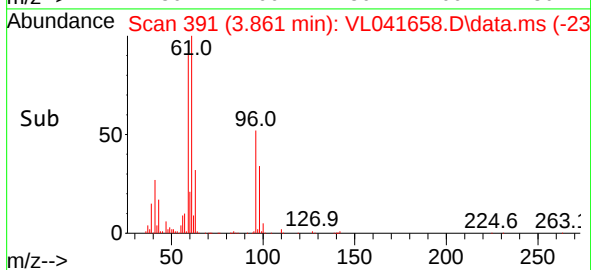
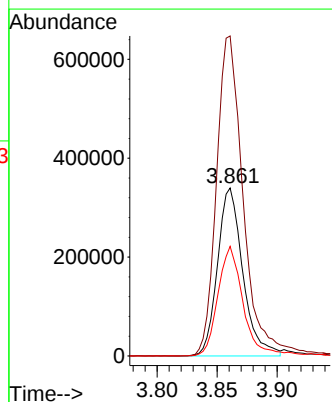
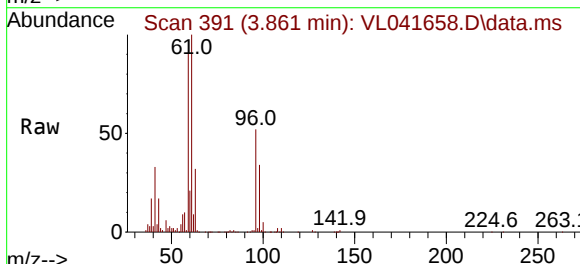
Instrument :
MSVOA_L
ClientSampleId :

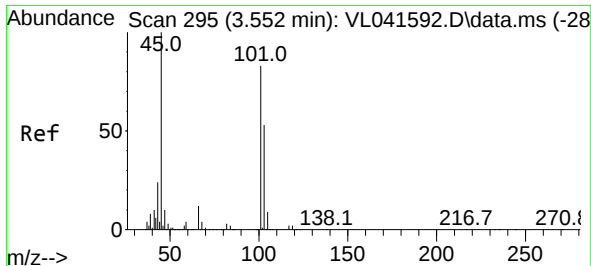
Tgt Ion: 59 Resp: 1056410
Ion Ratio Lower Upper
59 100
57 10.7 8.7 13.1



#18
1,1-Dichloroethene
Concen: 10.173 ppbv
RT: 3.861 min Scan# 391
Delta R.T. 0.003 min
Lab File: VL041658.D
Acq: 11 Oct 2024 1:15

Tgt Ion: 96 Resp: 498569
Ion Ratio Lower Upper
96 100
61 190.5 155.6 233.4
98 65.2 50.6 75.8

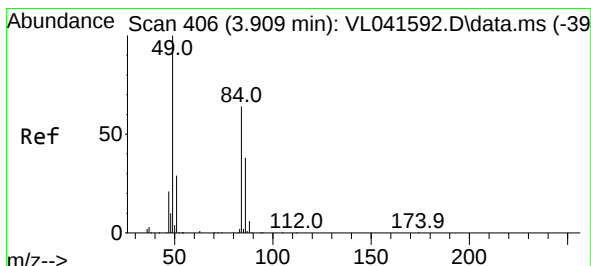
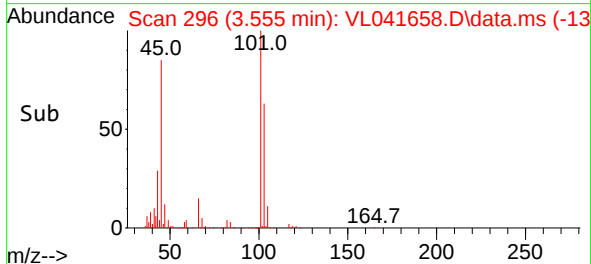
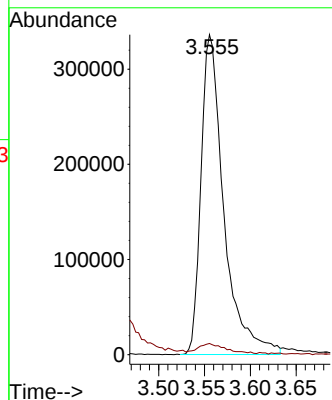
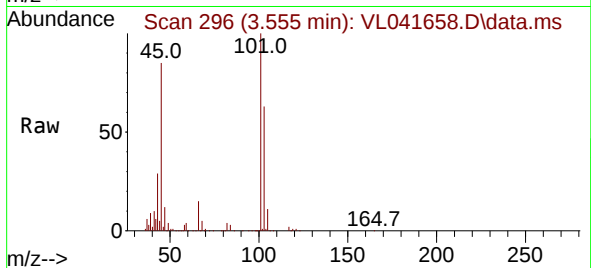




#19
Isopropyl Alcohol
Concen: 8.694 ppbv
RT: 3.555 min Scan# 295
Delta R.T. 0.003 min
Lab File: VL041658.D
Acq: 11 Oct 2024 1:15

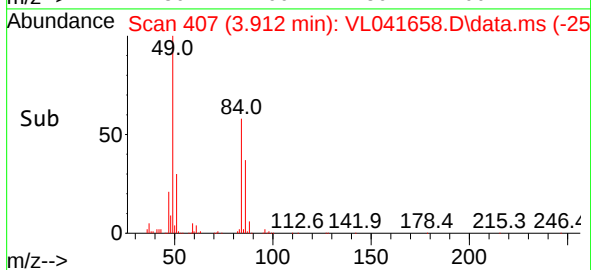
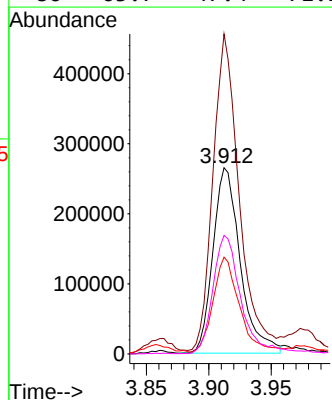
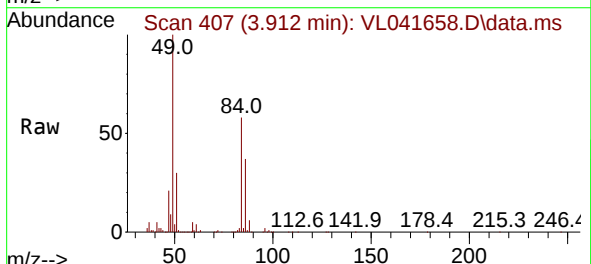
Instrument :
MSVOA_L
ClientSampleId :

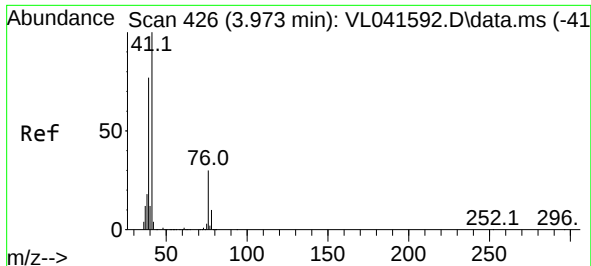
Tgt Ion: 45 Resp: 581189
Ion Ratio Lower Upper
45 100
58 4.4 2.1 3.1#



#20
Methylene Chloride
Concen: 8.239 ppbv
RT: 3.912 min Scan# 407
Delta R.T. 0.003 min
Lab File: VL041658.D
Acq: 11 Oct 2024 1:15

Tgt Ion: 84 Resp: 404165
Ion Ratio Lower Upper
84 100
49 170.4 124.3 186.5
51 50.5 36.3 54.5
86 63.7 47.4 71.2





#21

Allyl Chloride

Concen: 10.079 ppbv

RT: 3.977 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL041658.D

Acq: 11 Oct 2024 1:15

Instrument :

MSVOA_L

ClientSampleId :

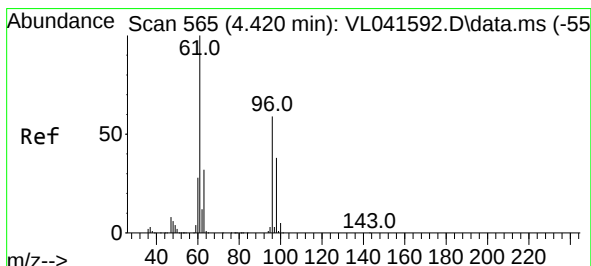
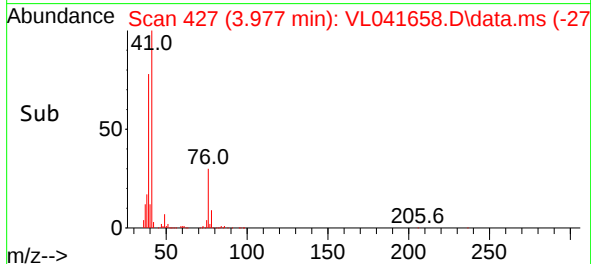
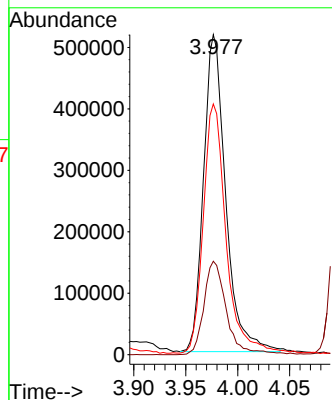
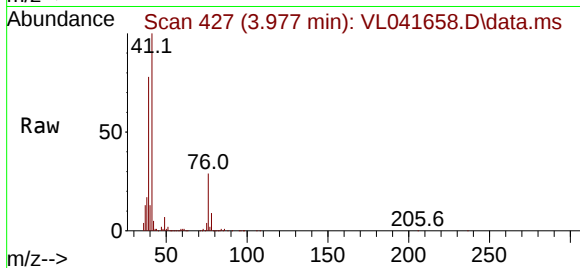
Tgt Ion: 41 Resp: 762853

Ion Ratio Lower Upper

41 100

76 30.0 23.8 35.6

39 81.6 63.9 95.9



#22

trans-1,2-Dichloroethene

Concen: 9.914 ppbv

RT: 4.427 min Scan# 567

Delta R.T. 0.007 min

Lab File: VL041658.D

Acq: 11 Oct 2024 1:15

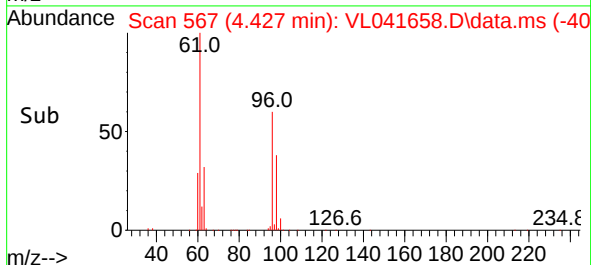
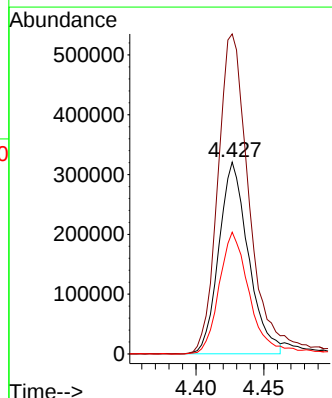
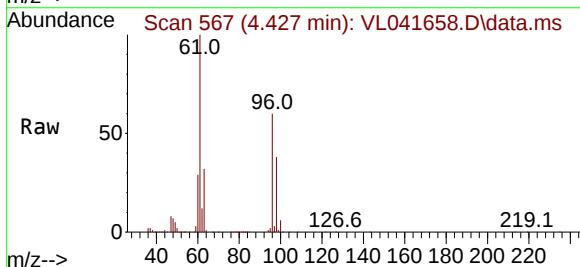
Tgt Ion: 96 Resp: 484708

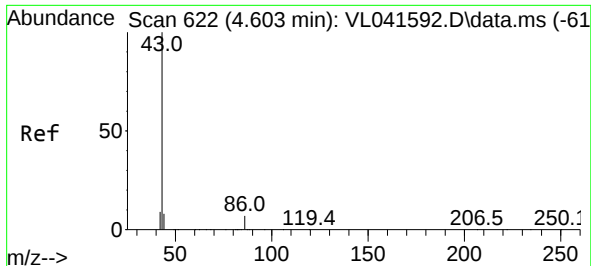
Ion Ratio Lower Upper

96 100

61 166.9 135.7 203.5

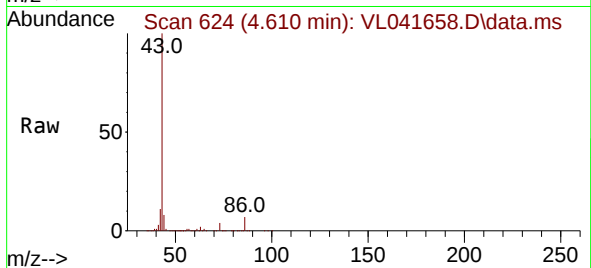
98 63.5 50.9 76.3



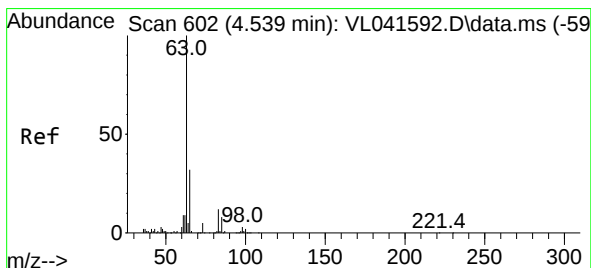
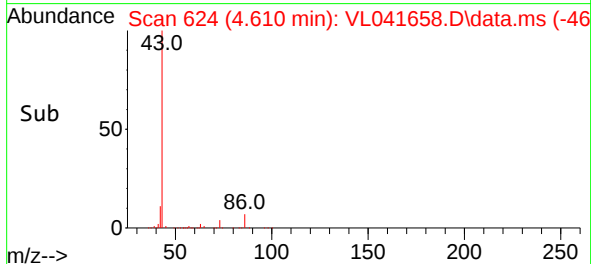
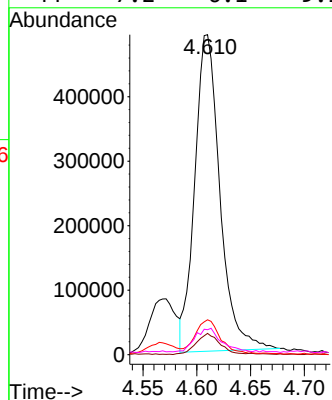


#23
Vinyl Acetate
Concen: 11.147 ppbv
RT: 4.610 min Scan# 61
Delta R.T. 0.007 min
Lab File: VL041658.D
Acq: 11 Oct 2024 1:15

Instrument :
MSVOA_L
ClientSampleId :

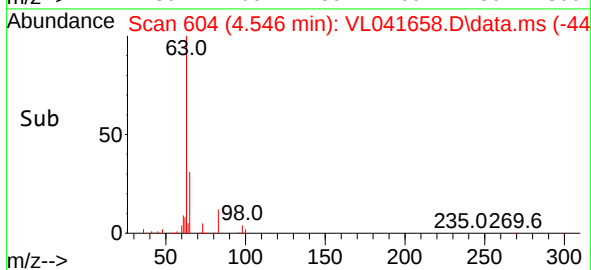
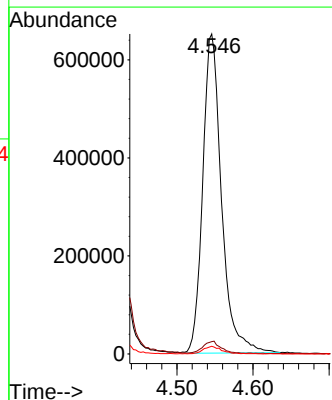
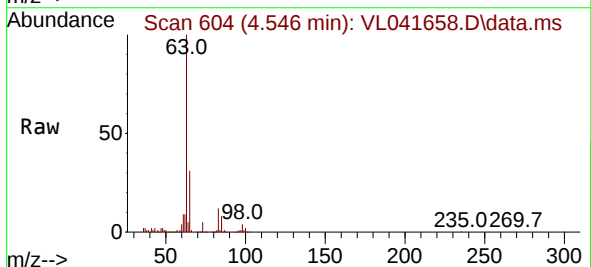


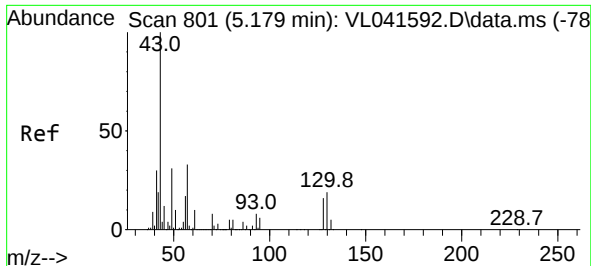
Tgt Ion:	43	Resp:	800626
Ion	Ratio	Lower	Upper
43	100		
86	6.6	4.9	7.3
42	10.8	8.0	12.0
44	7.2	6.1	9.1



#24
1,1-Dichloroethane
Concen: 10.396 ppbv
RT: 4.546 min Scan# 604
Delta R.T. 0.007 min
Lab File: VL041658.D
Acq: 11 Oct 2024 1:15

Tgt Ion:	63	Resp:	1120729
Ion	Ratio	Lower	Upper
63	100		
98	3.7	1.7	5.1
100	2.4	1.1	3.3



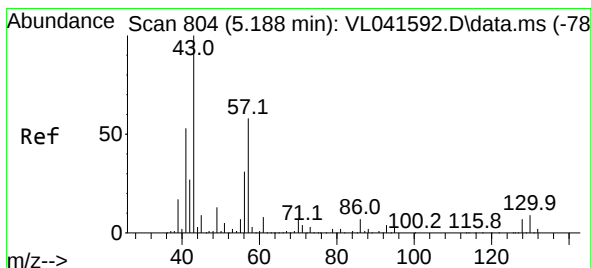
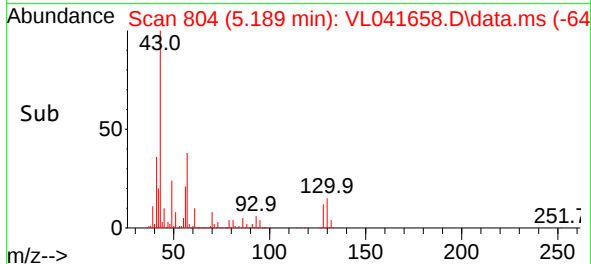
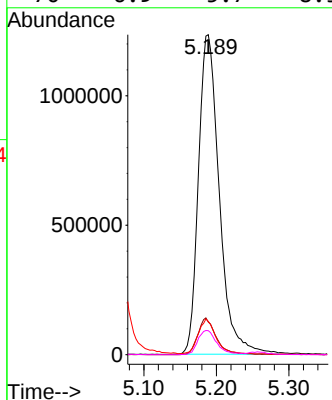
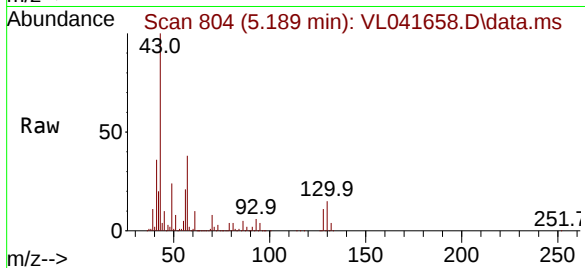


#25
Ethyl Acetate
Concen: 10.507 ppbv
RT: 5.189 min Scan# 801
Delta R.T. 0.010 min
Lab File: VL041658.D
Acq: 11 Oct 2024 1:15

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 2463136

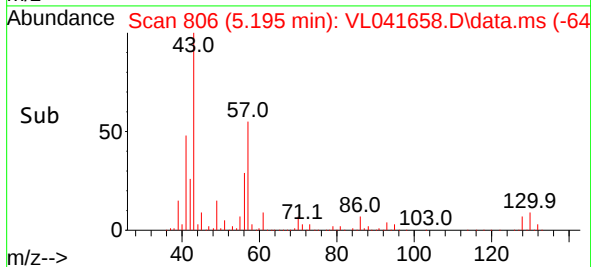
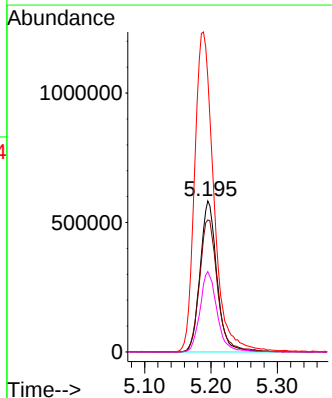
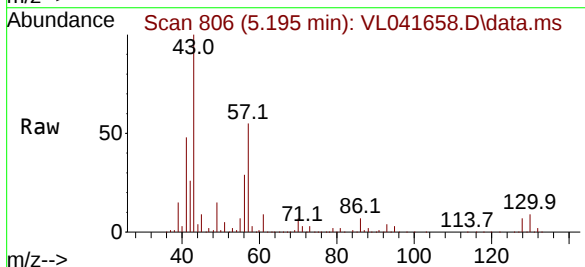
Ion	Ratio	Lower	Upper
43	100		
45	10.4	8.2	12.2
61	10.0	8.0	12.0
70	6.9	5.7	8.5

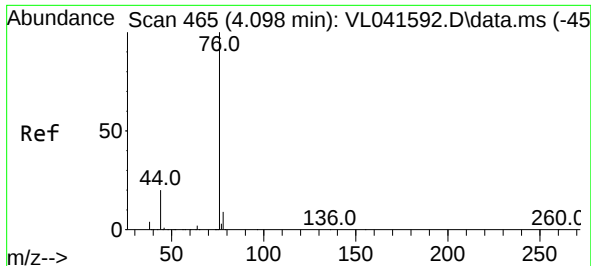


#26
Hexane
Concen: 10.493 ppbv
RT: 5.195 min Scan# 806
Delta R.T. 0.007 min
Lab File: VL041658.D
Acq: 11 Oct 2024 1:15

Tgt Ion: 57 Resp: 1025764

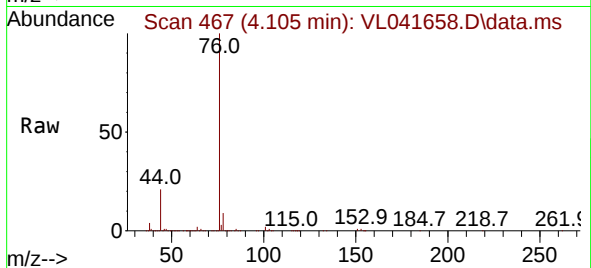
Ion	Ratio	Lower	Upper
57	100		
41	94.4	75.7	113.5
43	242.1	198.5	297.7
56	54.2	44.1	66.1





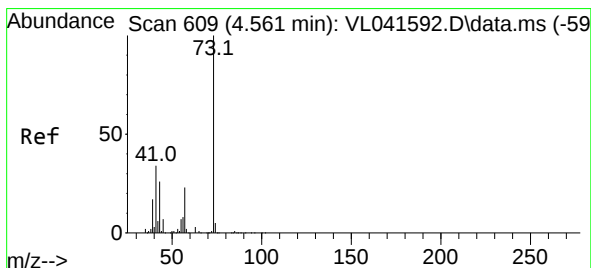
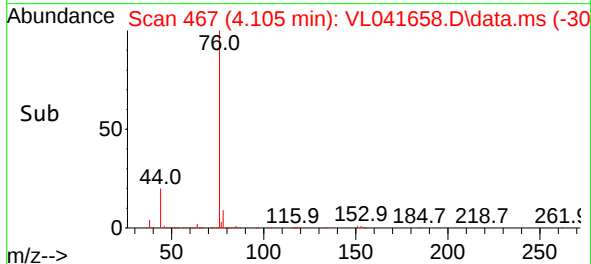
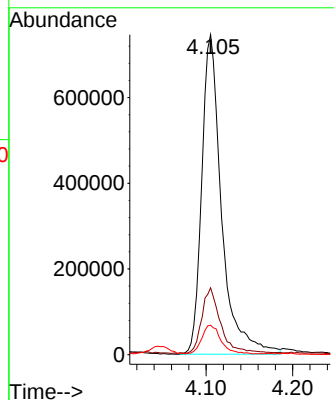
#27
Carbon Disulfide
Concen: 11.418 ppbv
RT: 4.105 min Scan# 411
Delta R.T. 0.007 min
Lab File: VL041658.D
Acq: 11 Oct 2024 1:15

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion: 76 Resp: 1186557

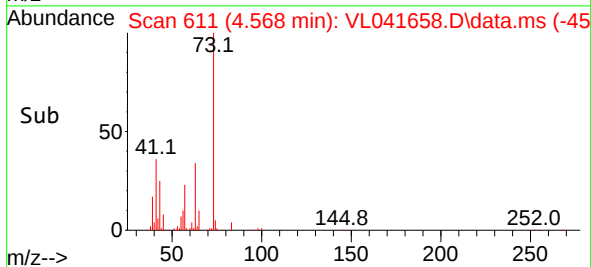
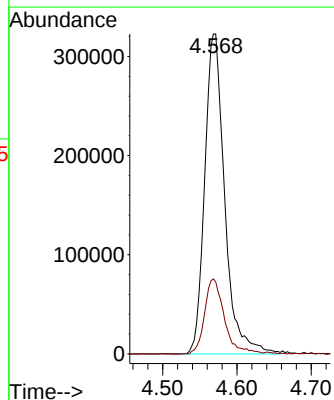
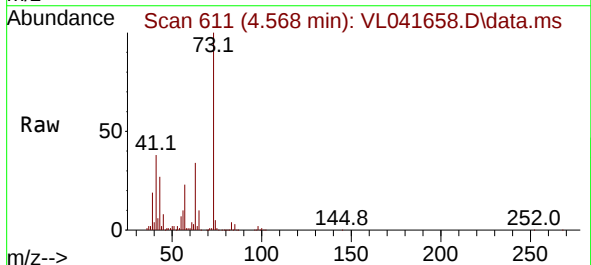
Ion	Ratio	Lower	Upper
76	100		
44	20.6	15.8	23.8
78	9.3	7.5	11.3

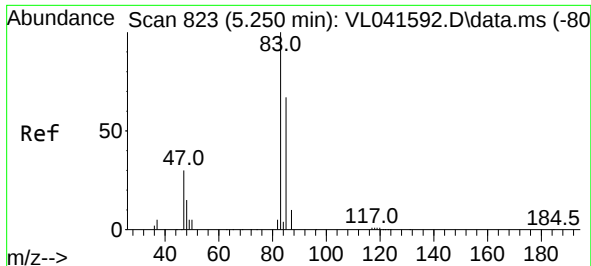


#28
Methyl tert-Butyl Ether
Concen: 10.002 ppbv
RT: 4.568 min Scan# 611
Delta R.T. 0.007 min
Lab File: VL041658.D
Acq: 11 Oct 2024 1:15

Tgt Ion: 73 Resp: 602858

Ion	Ratio	Lower	Upper
73	100		
57	23.5	19.3	28.9





#29

Chloroform

Concen: 9.999 ppbv

RT: 5.259 min Scan# 81

Delta R.T. 0.010 min

Lab File: VL041658.D

Acq: 11 Oct 2024 1:15

Instrument :

MSVOA_L

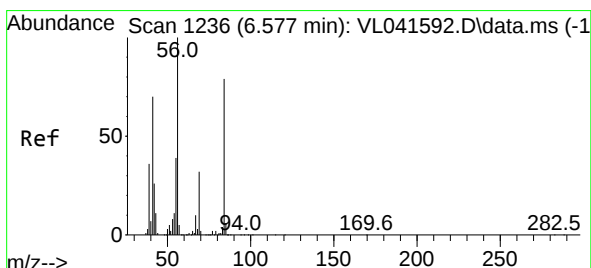
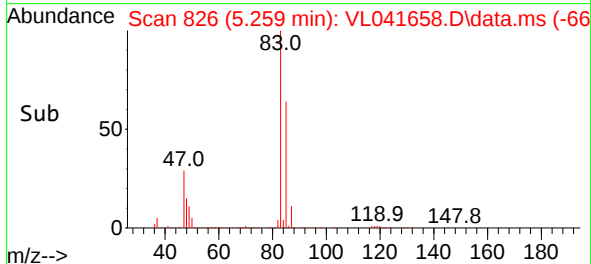
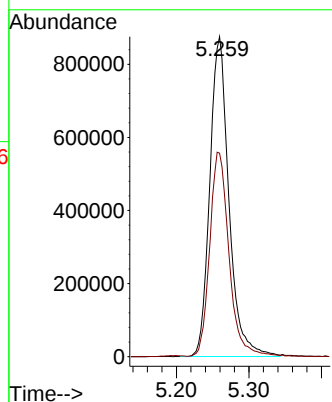
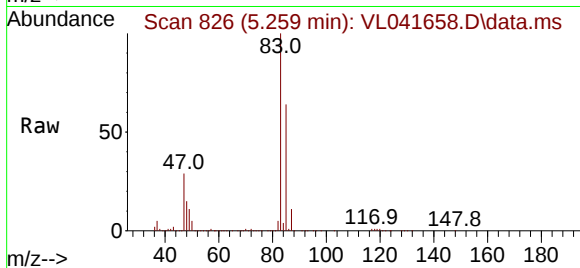
ClientSampleId :

Tgt Ion: 83 Resp: 1599561

Ion Ratio Lower Upper

83 100

85 63.4 53.8 80.6



#30

Cyclohexane

Concen: 11.367 ppbv

RT: 6.584 min Scan# 1238

Delta R.T. 0.007 min

Lab File: VL041658.D

Acq: 11 Oct 2024 1:15

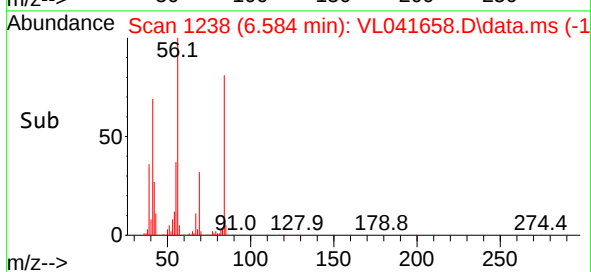
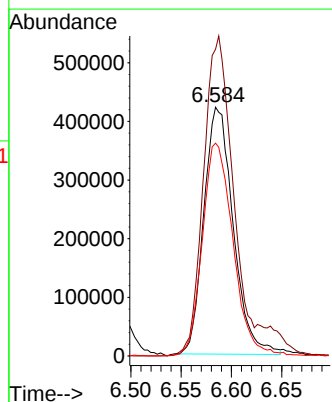
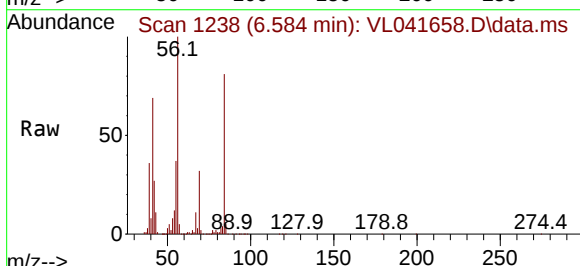
Tgt Ion: 84 Resp: 856580

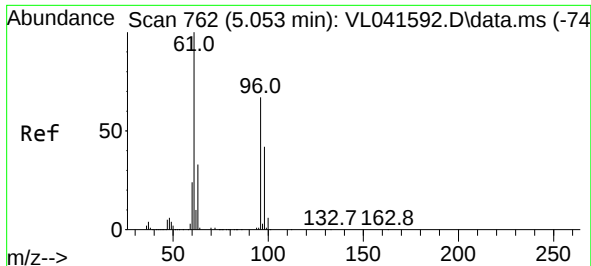
Ion Ratio Lower Upper

84 100

56 139.1 111.5 167.3

41 90.0 70.9 106.3

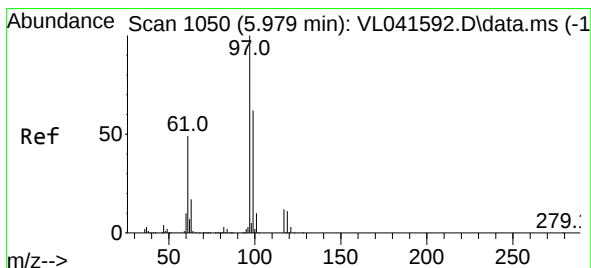
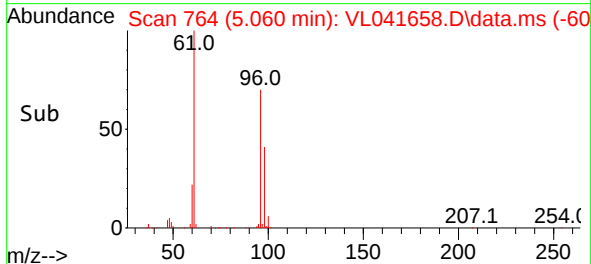
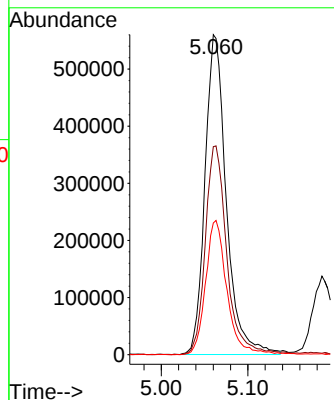
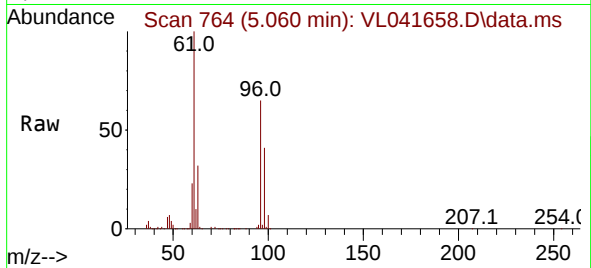




#31
 cis-1,2-Dichloroethene
 Concen: 10.324 ppbv
 RT: 5.060 min Scan# 764
 Delta R.T. 0.007 min
 Lab File: VL041658.D
 Acq: 11 Oct 2024 1:15

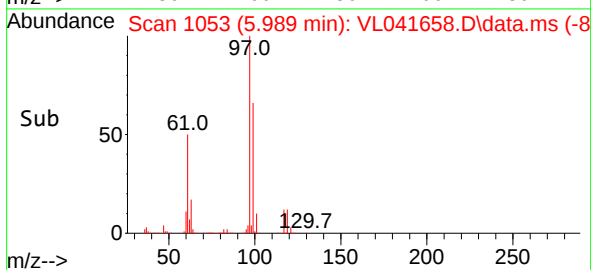
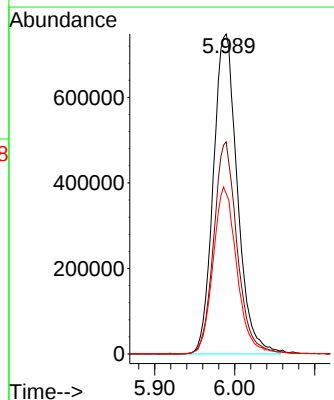
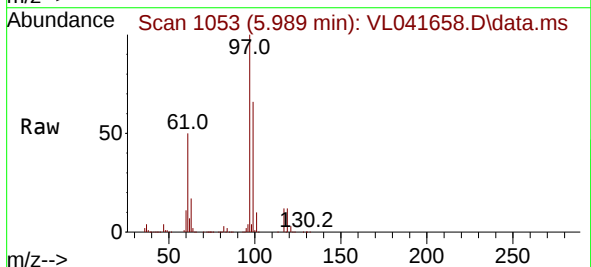
Instrument :
 MSVOA_L
 ClientSampleId :

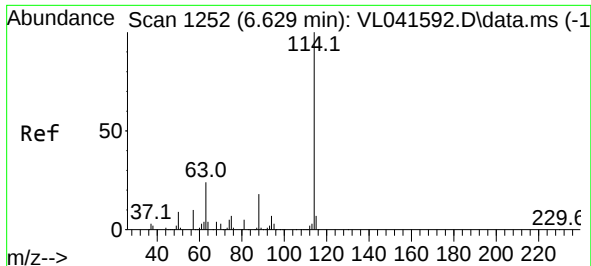
Tgt Ion: 61 Resp: 958198
 Ion Ratio Lower Upper
 61 100
 96 65.0 53.5 80.3
 98 41.2 33.7 50.5



#32
 1,1,1-Trichloroethane
 Concen: 10.960 ppbv
 RT: 5.989 min Scan# 1053
 Delta R.T. 0.010 min
 Lab File: VL041658.D
 Acq: 11 Oct 2024 1:15

Tgt Ion: 97 Resp: 1561753
 Ion Ratio Lower Upper
 97 100
 99 64.8 51.0 76.4
 61 52.1 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: VL041658.D

Acq: 11 Oct 2024 1:15

Instrument :

MSVOA_L

ClientSampleId :

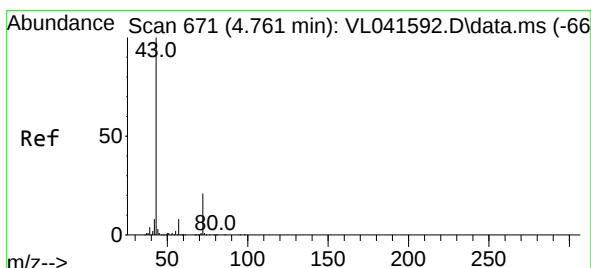
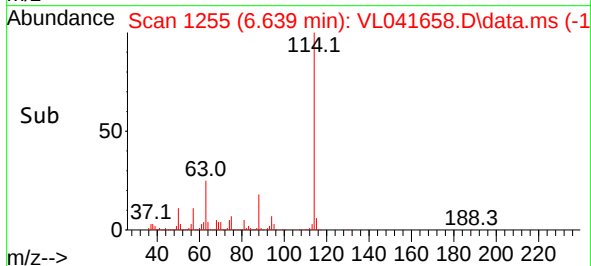
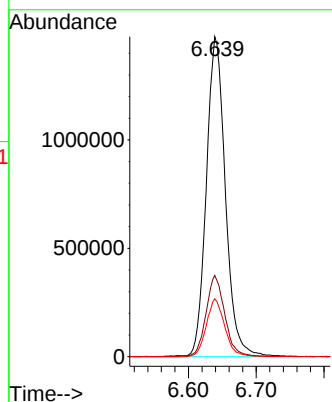
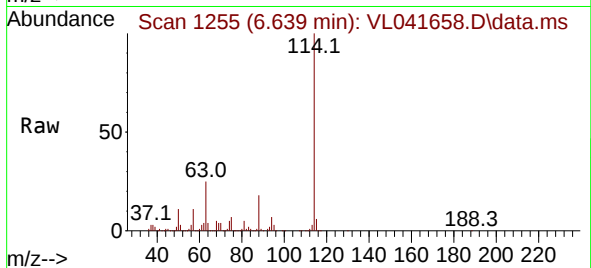
Tgt Ion:114 Resp: 2879186

Ion Ratio Lower Upper

114 100

63 25.4 20.2 30.2

88 17.5 14.2 21.4



#34

2-Butanone

Concen: 9.164 ppbv

RT: 4.767 min Scan# 673

Delta R.T. 0.007 min

Lab File: VL041658.D

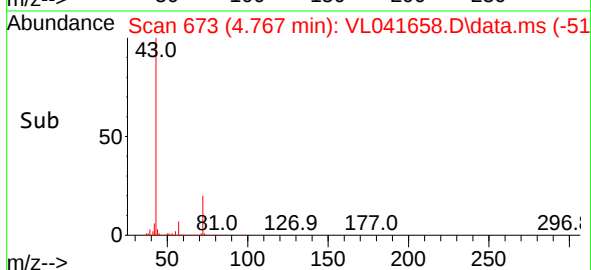
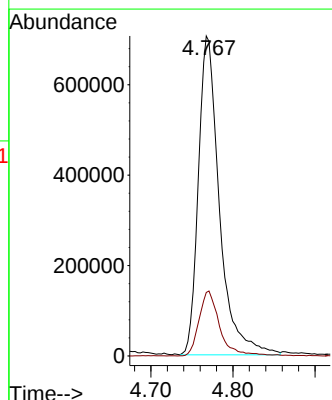
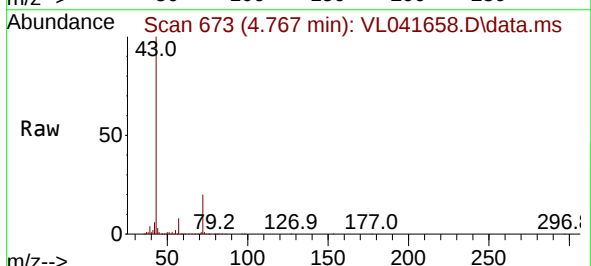
Acq: 11 Oct 2024 1:15

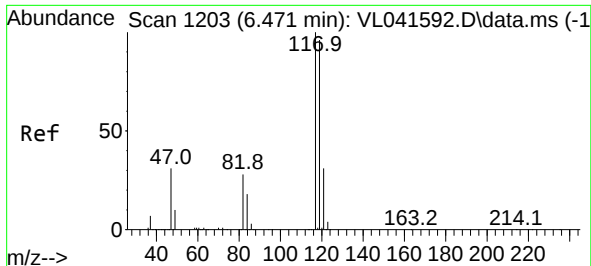
Tgt Ion: 43 Resp: 1258099

Ion Ratio Lower Upper

43 100

72 20.3 16.8 25.2

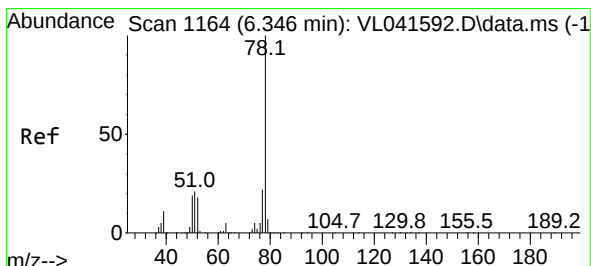
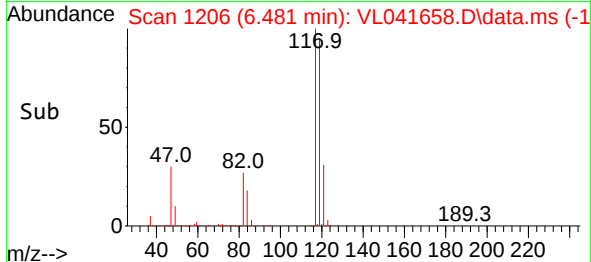
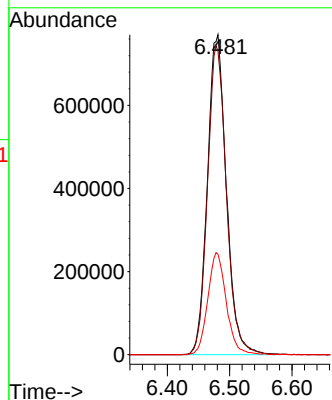
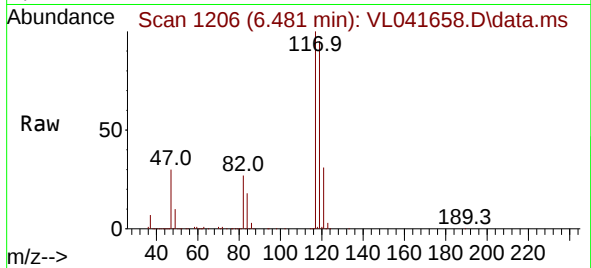




#35
Carbon Tetrachloride
Concen: 11.556 ppbv
RT: 6.481 min Scan# 1167
Delta R.T. 0.010 min
Lab File: VL041658.D
Acq: 11 Oct 2024 1:15

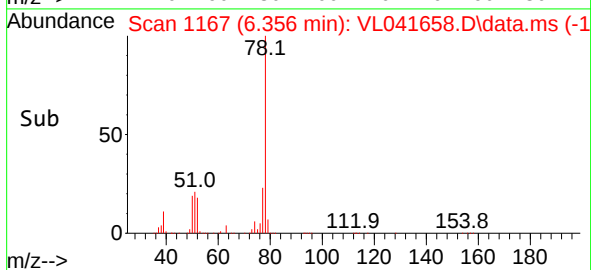
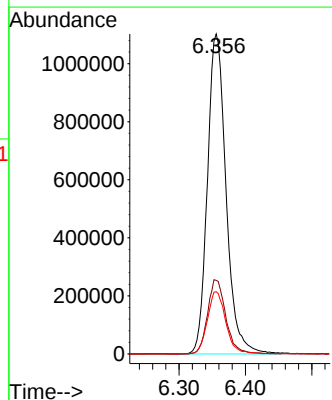
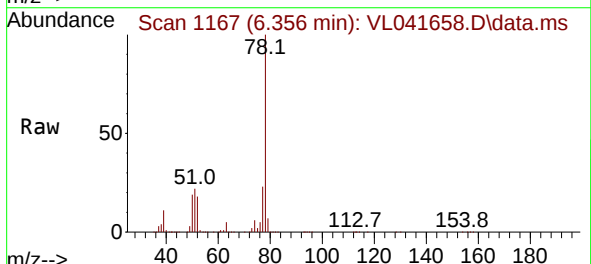
Instrument :
MSVOA_L
ClientSampleId :

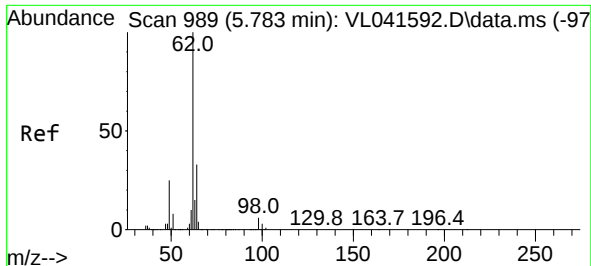
Tgt Ion:117 Resp: 1632553
Ion Ratio Lower Upper
117 100
119 94.9 76.8 115.2
121 31.4 25.0 37.6



#36
Benzene
Concen: 10.786 ppbv
RT: 6.356 min Scan# 1167
Delta R.T. 0.010 min
Lab File: VL041658.D
Acq: 11 Oct 2024 1:15

Tgt Ion: 78 Resp: 2156718
Ion Ratio Lower Upper
78 100
77 23.0 17.8 26.6
50 19.4 15.4 23.0





#37

1,2-Dichloroethane

Concen: 10.261 ppbv

RT: 5.790 min Scan# 91

Delta R.T. 0.007 min

Lab File: VL041658.D

Acq: 11 Oct 2024 1:15

Instrument :

MSVOA_L

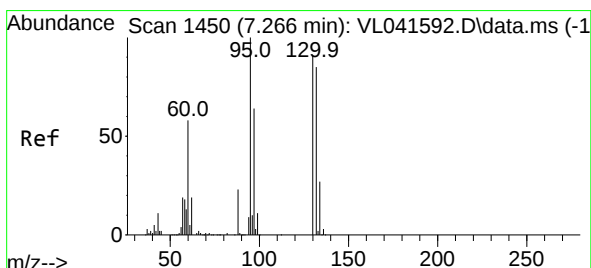
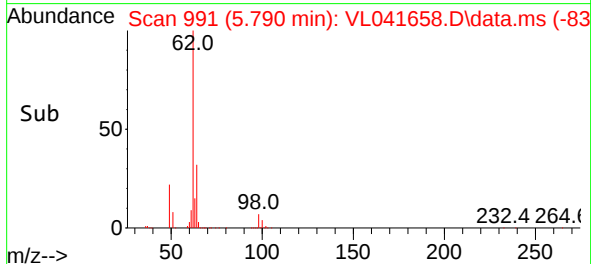
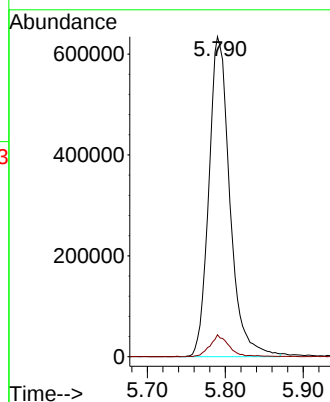
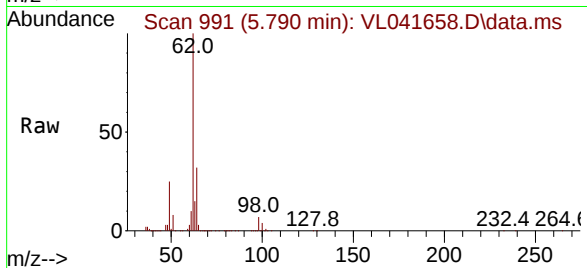
ClientSampleId :

Tgt Ion: 62 Resp: 1190412

Ion Ratio Lower Upper

62 100

98 6.3 4.8 7.2



#38

Trichloroethene

Concen: 10.764 ppbv

RT: 7.279 min Scan# 1454

Delta R.T. 0.013 min

Lab File: VL041658.D

Acq: 11 Oct 2024 1:15

Tgt Ion:130 Resp: 1108416

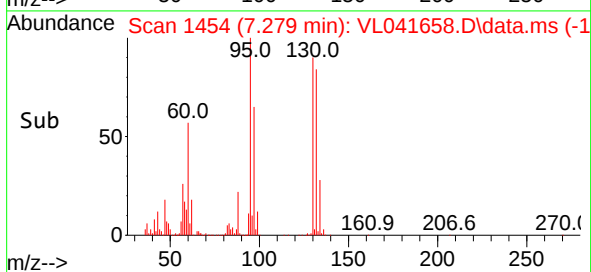
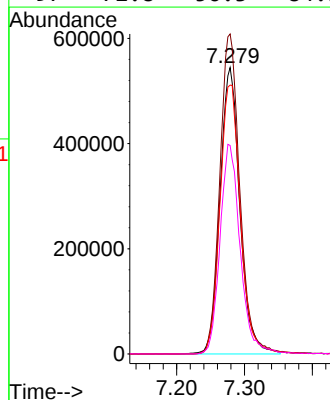
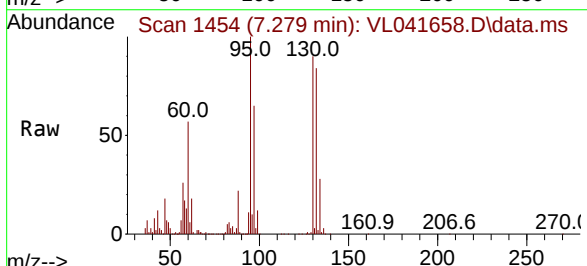
Ion Ratio Lower Upper

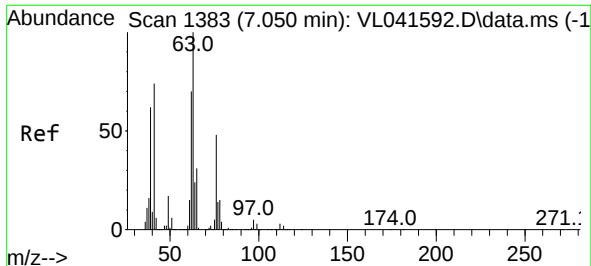
130 100

95 111.7 87.7 131.5

132 93.9 74.5 111.7

97 72.8 56.3 84.5





#39

1,2-Dichloropropane

Concen: 10.349 ppbv

RT: 7.060 min Scan# 11

Delta R.T. 0.010 min

Lab File: VL041658.D

Acq: 11 Oct 2024 1:15

Instrument :

MSVOA_L

ClientSampleId :

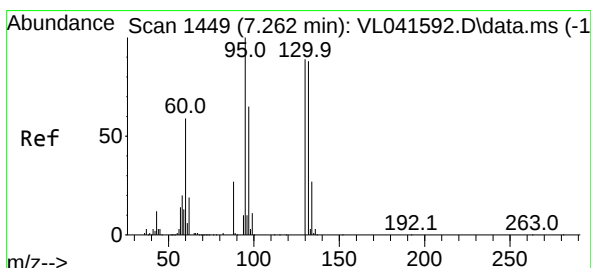
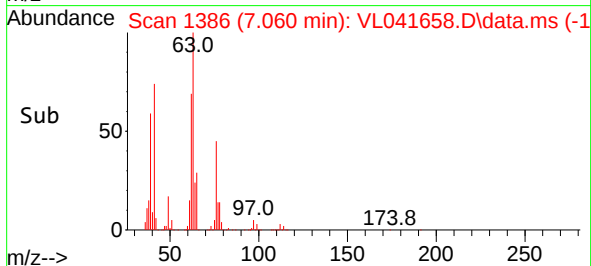
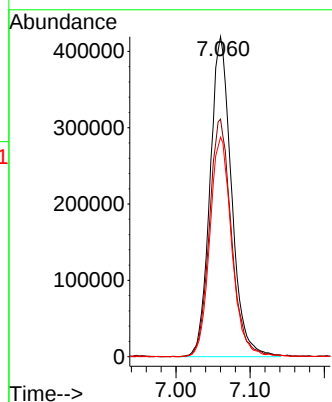
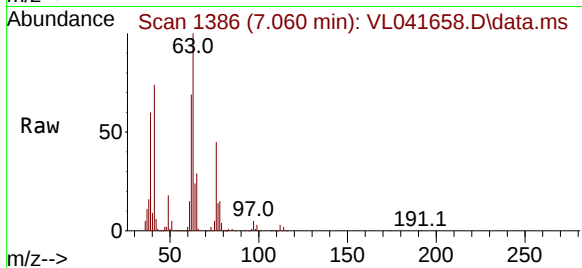
Tgt Ion: 63 Resp: 841867

Ion Ratio Lower Upper

63 100

41 74.1 59.5 89.3

62 68.6 56.2 84.2



#40

1,4-Dioxane

Concen: 10.780 ppbv

RT: 7.272 min Scan# 1452

Delta R.T. 0.010 min

Lab File: VL041658.D

Acq: 11 Oct 2024 1:15

Tgt Ion: 88 Resp: 330574

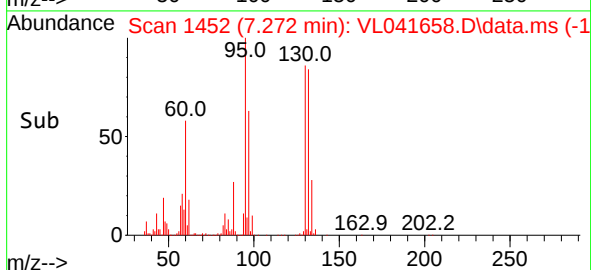
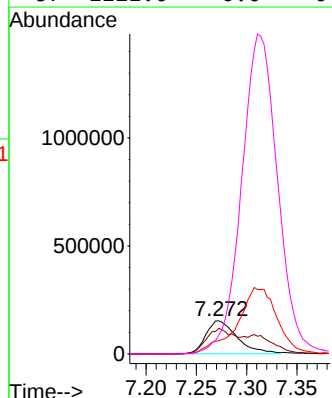
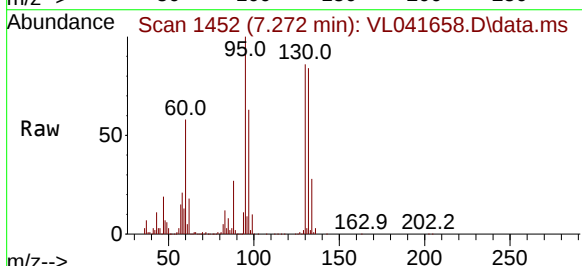
Ion Ratio Lower Upper

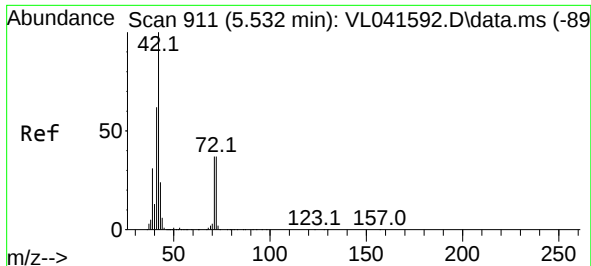
88 100

58 126.2 100.2 150.4

43 259.8 0.0 0.0#

57 1121.0 0.0 0.0#

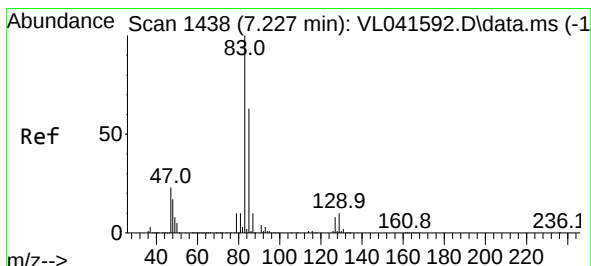
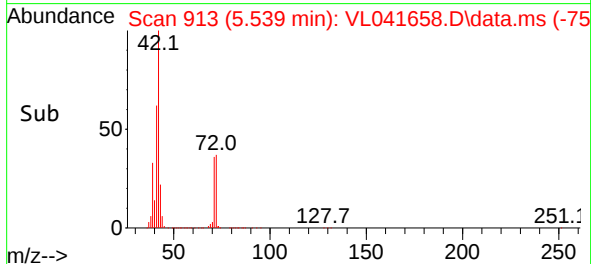
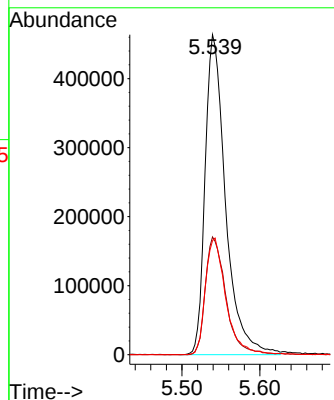
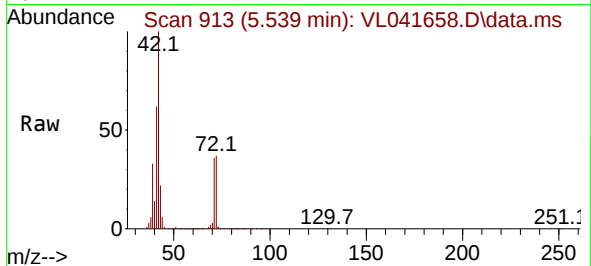




#41
Tetrahydrofuran
Concen: 11.199 ppbv
RT: 5.539 min Scan# 911
Delta R.T. 0.007 min
Lab File: VL041658.D
Acq: 11 Oct 2024 1:15

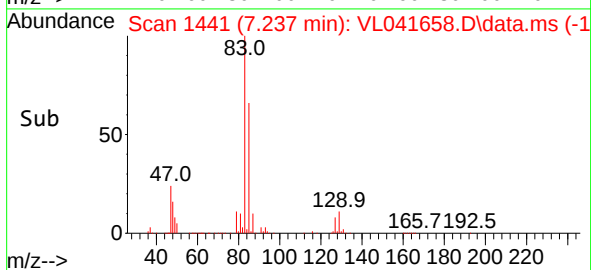
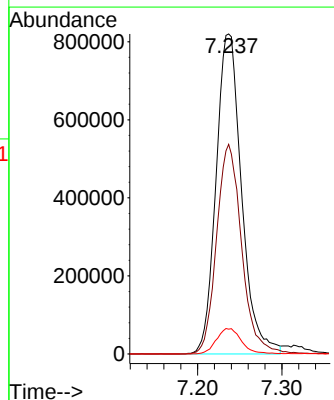
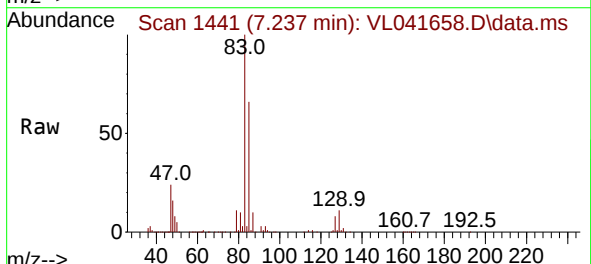
Instrument :
MSVOA_L
ClientSampleId :

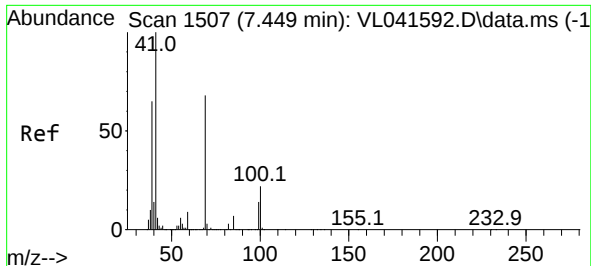
Tgt Ion: 42 Resp: 846105
Ion Ratio Lower Upper
42 100
72 37.0 30.2 45.2
71 36.7 29.6 44.4



#42
Bromodichloromethane
Concen: 10.679 ppbv
RT: 7.237 min Scan# 1441
Delta R.T. 0.010 min
Lab File: VL041658.D
Acq: 11 Oct 2024 1:15

Tgt Ion: 83 Resp: 1723651
Ion Ratio Lower Upper
83 100
85 65.5 50.5 75.7
127 7.7 6.5 9.7





#43

Methyl Methacrylate

Concen: 11.563 ppbv

RT: 7.462 min Scan# 1511

Delta R.T. 0.013 min

Lab File: VL041658.D

Acq: 11 Oct 2024 1:15

Instrument :

MSVOA_L

ClientSampleId :

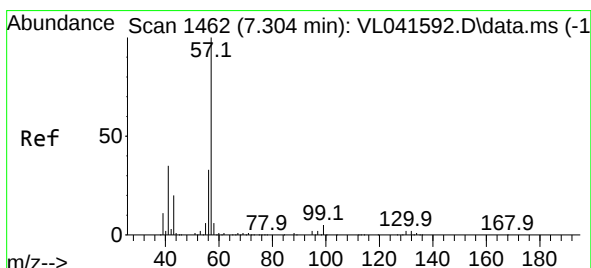
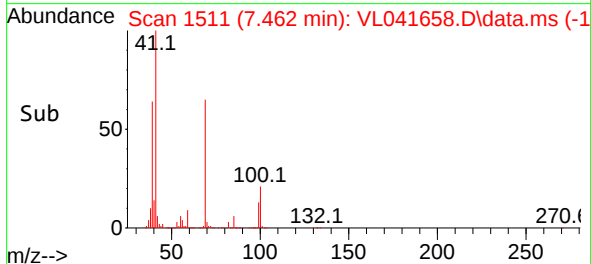
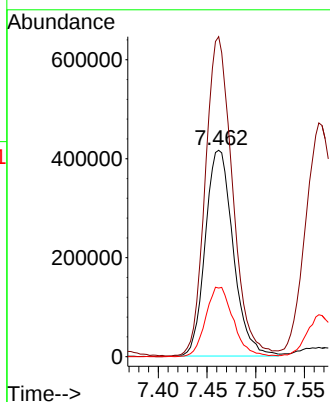
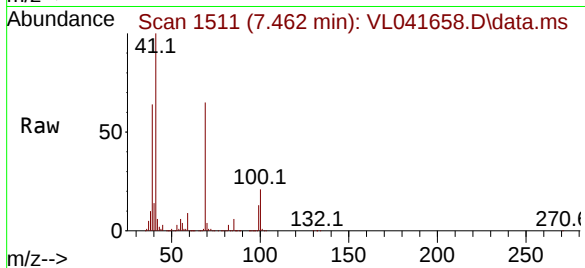
Tgt Ion: 69 Resp: 827399

Ion Ratio Lower Upper

69 100

41 152.1 121.8 182.6

100 33.6 26.5 39.7



#44

2,2,4-Trimethylpentane

Concen: 10.685 ppbv

RT: 7.311 min Scan# 1464

Delta R.T. 0.007 min

Lab File: VL041658.D

Acq: 11 Oct 2024 1:15

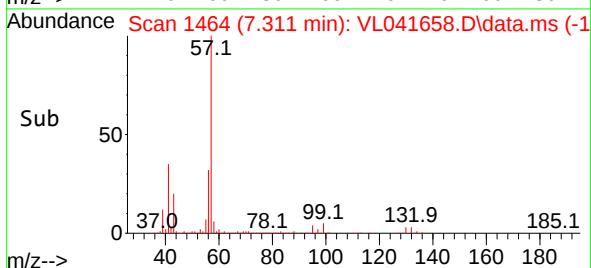
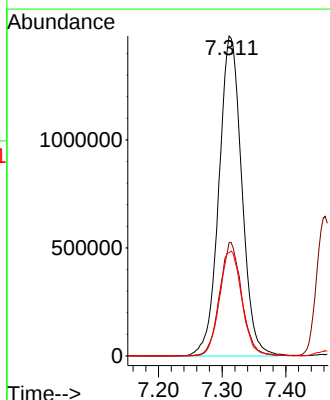
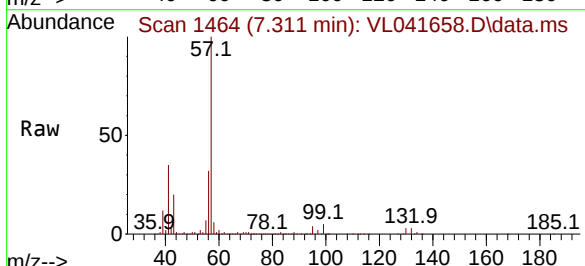
Tgt Ion: 57 Resp: 3696451

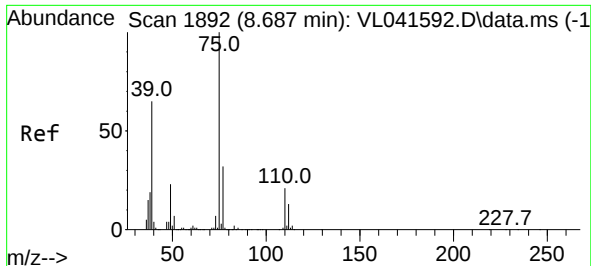
Ion Ratio Lower Upper

57 100

41 34.4 27.0 40.6

56 32.2 25.5 38.3





#45

t-1,3-Dichloropropene

Concen: 10.609 ppbv

RT: 8.700 min Scan# 11

Delta R.T. 0.013 min

Lab File: VL041658.D

Acq: 11 Oct 2024 1:15

Instrument :

MSVOA_L

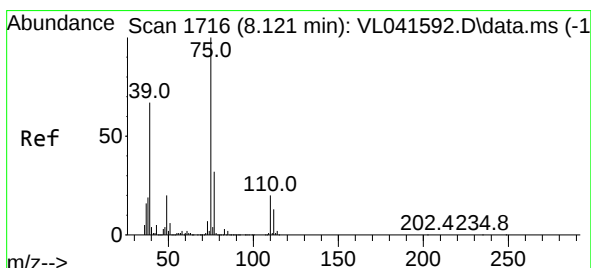
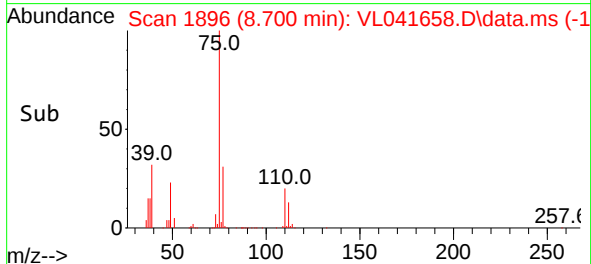
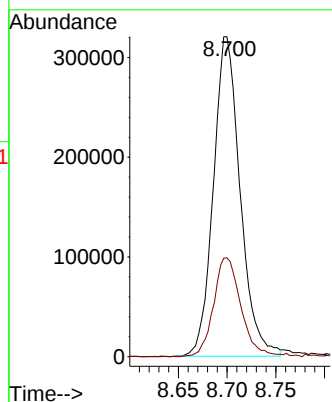
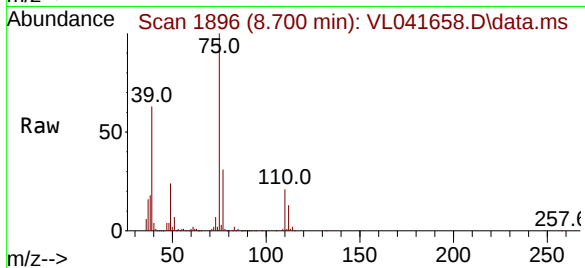
ClientSampleId :

Tgt Ion: 75 Resp: 612054

Ion Ratio Lower Upper

75 100

77 30.9 25.4 38.0



#46

cis-1,3-Dichloropropene

Concen: 10.787 ppbv

RT: 8.131 min Scan# 1719

Delta R.T. 0.010 min

Lab File: VL041658.D

Acq: 11 Oct 2024 1:15

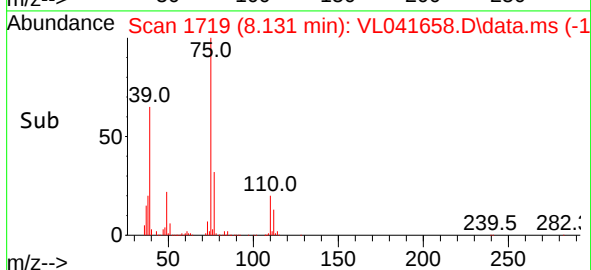
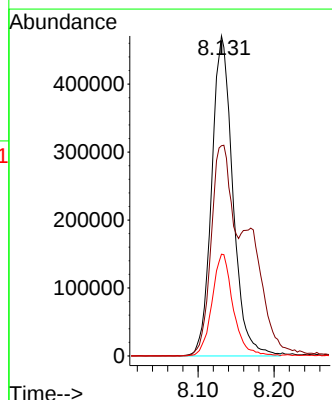
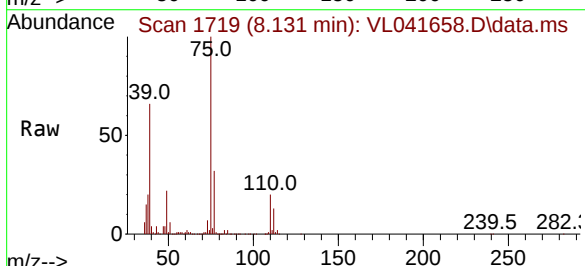
Tgt Ion: 75 Resp: 911692

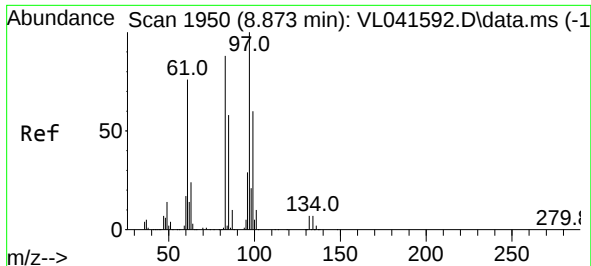
Ion Ratio Lower Upper

75 100

39 65.6 54.0 81.0

77 31.8 25.2 37.8





#47

1,1,2-Trichloroethane

Concen: 10.337 ppbv

RT: 8.886 min Scan# 1954

Delta R.T. 0.013 min

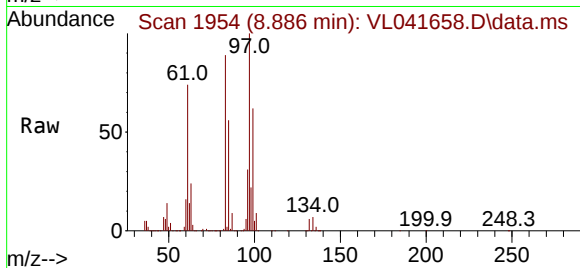
Lab File: VL041658.D

Acq: 11 Oct 2024 1:15

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion: 97 Resp: 892831

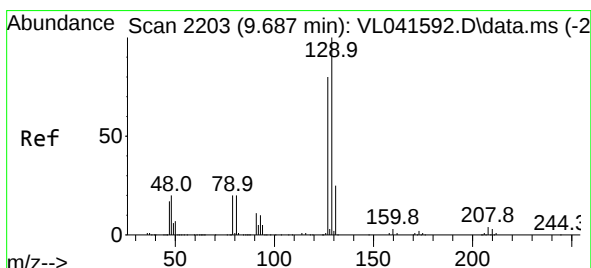
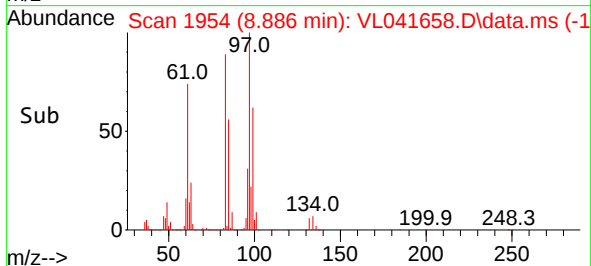
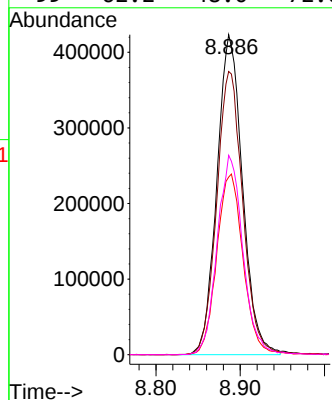
Ion Ratio Lower Upper

97 100

83 88.5 70.2 105.4

85 55.4 46.3 69.5

99 62.2 48.0 72.0



#48

Dibromochloromethane

Concen: 11.158 ppbv

RT: 9.697 min Scan# 2206

Delta R.T. 0.010 min

Lab File: VL041658.D

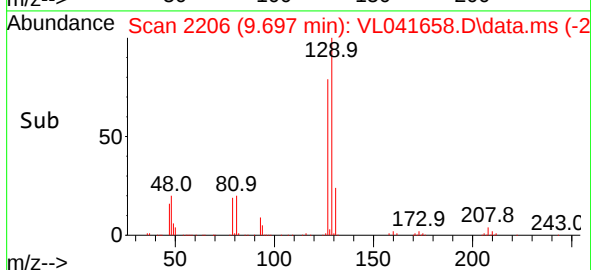
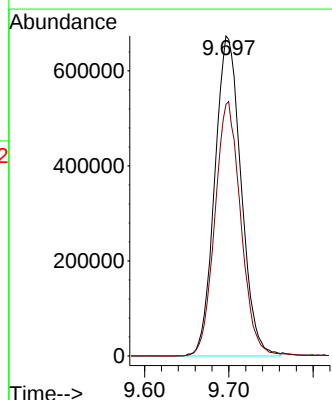
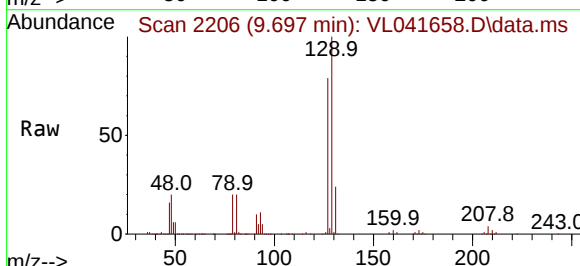
Acq: 11 Oct 2024 1:15

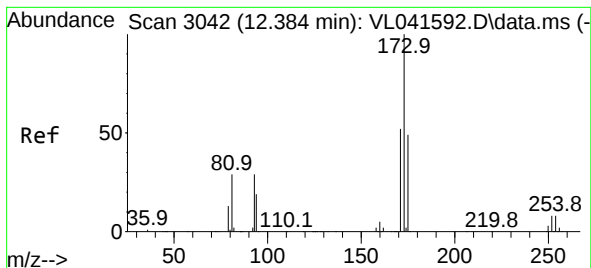
Tgt Ion: 129 Resp: 1460113

Ion Ratio Lower Upper

129 100

127 78.4 39.3 117.9





#49

Bromoform

Concen: 11.214 ppbv

RT: 12.397 min Scan# 3042

Delta R.T. 0.013 min

Lab File: VL041658.D

Acq: 11 Oct 2024 1:15

Instrument :

MSVOA_L

ClientSampleId :

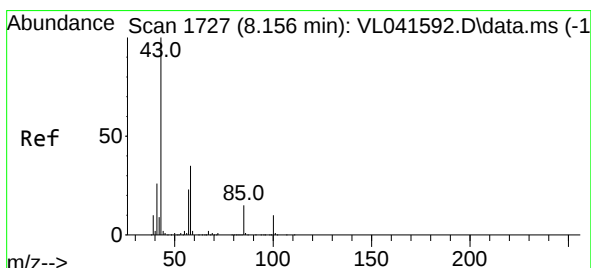
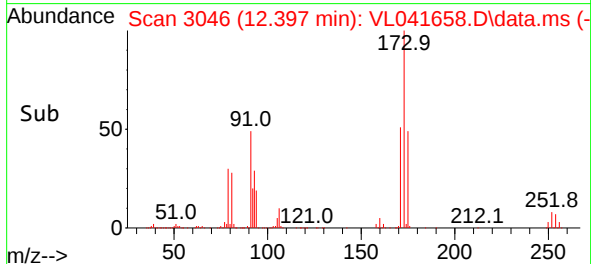
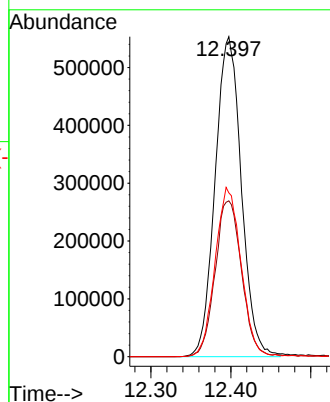
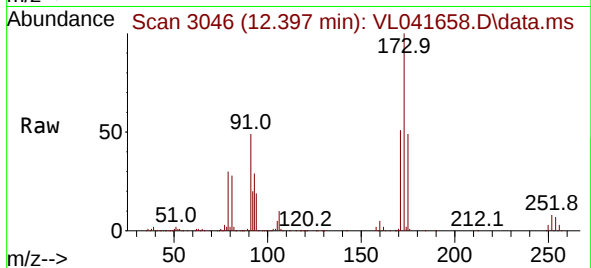
Tgt Ion:173 Resp: 1259709

Ion Ratio Lower Upper

173 100

175 49.5 40.1 60.1

171 52.7 42.2 63.4



#50

4-Methyl-2-Pentanone

Concen: 11.531 ppbv

RT: 8.166 min Scan# 1730

Delta R.T. 0.010 min

Lab File: VL041658.D

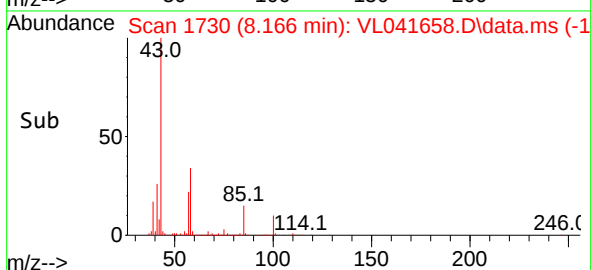
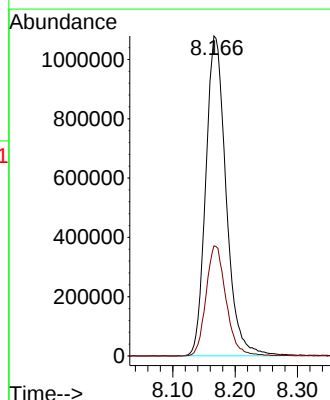
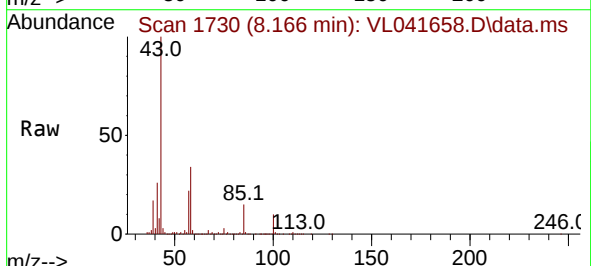
Acq: 11 Oct 2024 1:15

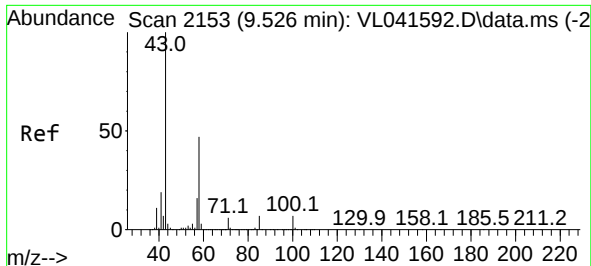
Tgt Ion: 43 Resp: 2444783

Ion Ratio Lower Upper

43 100

58 34.1 27.8 41.8

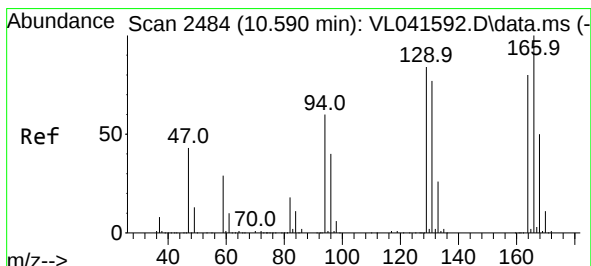
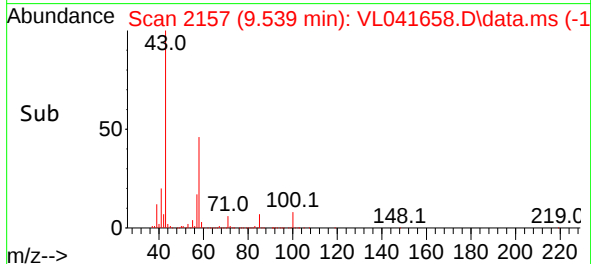
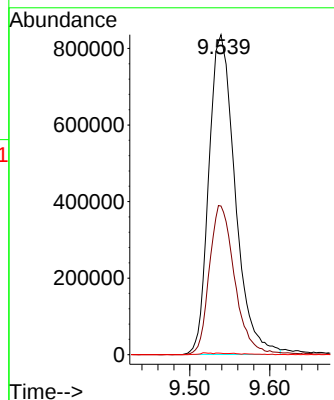
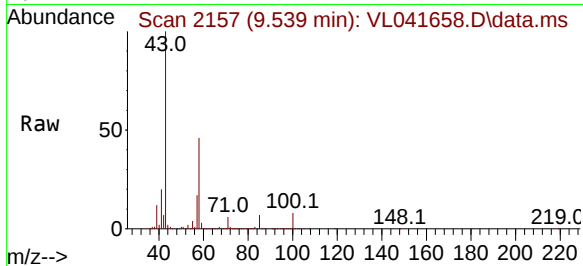




#51
2-Hexanone
Concen: 11.881 ppbv
RT: 9.539 min Scan# 2153
Delta R.T. 0.013 min
Lab File: VL041658.D
Acq: 11 Oct 2024 1:15

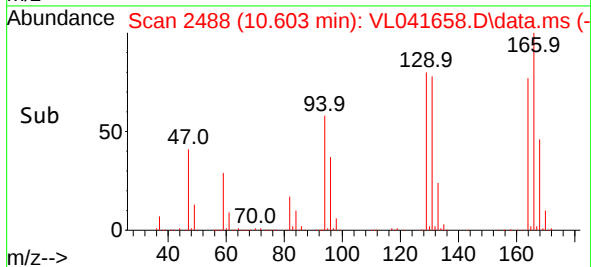
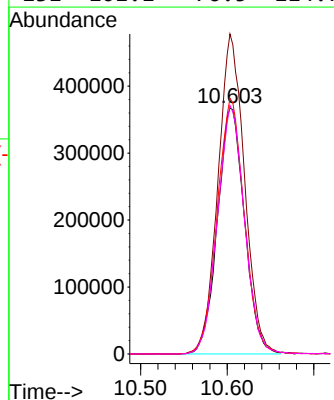
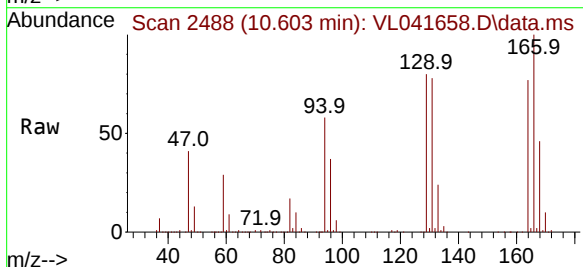
Instrument :
MSVOA_L
ClientSampleId :

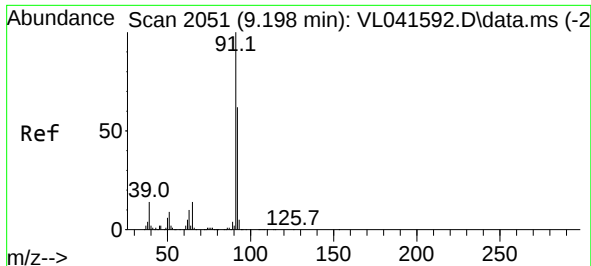
Tgt Ion: 43 Resp: 1905338
Ion Ratio Lower Upper
43 100
58 45.6 37.2 55.8
98 0.8 0.5 0.7#



#52
Tetrachloroethene
Concen: 10.956 ppbv
RT: 10.603 min Scan# 2488
Delta R.T. 0.013 min
Lab File: VL041658.D
Acq: 11 Oct 2024 1:15

Tgt Ion:164 Resp: 793294
Ion Ratio Lower Upper
164 100
166 130.1 99.4 149.2
129 103.8 83.5 125.3
131 101.1 76.5 114.7

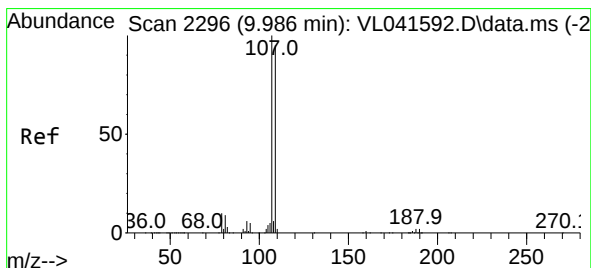
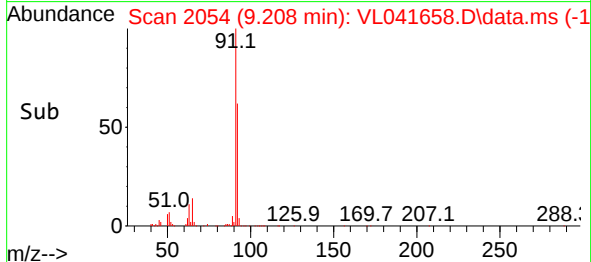
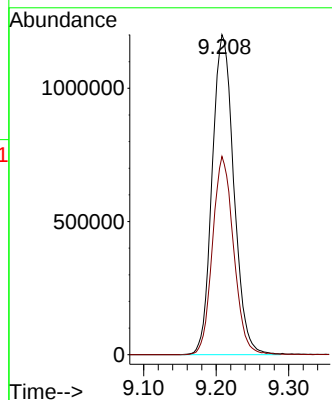
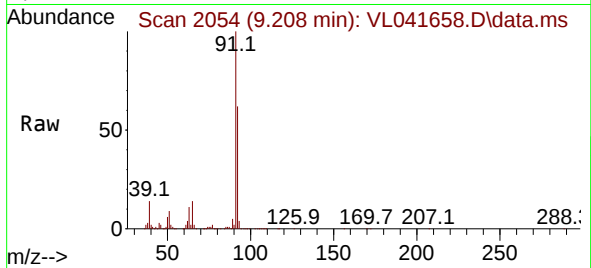




#53
Toluene
Concen: 11.745 ppbv
RT: 9.208 min Scan# 2051
Delta R.T. 0.010 min
Lab File: VL041658.D
Acq: 11 Oct 2024 1:15

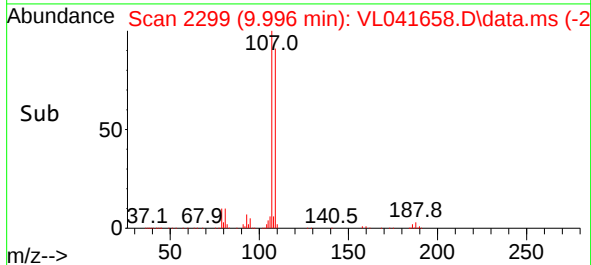
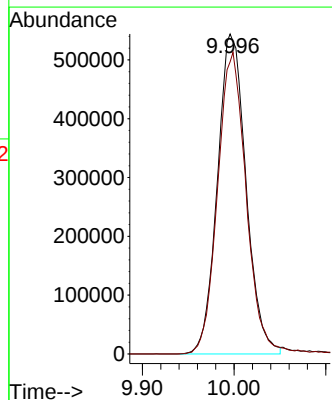
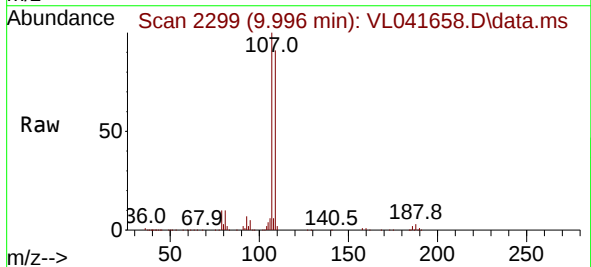
Instrument :
MSVOA_L
ClientSampleId :

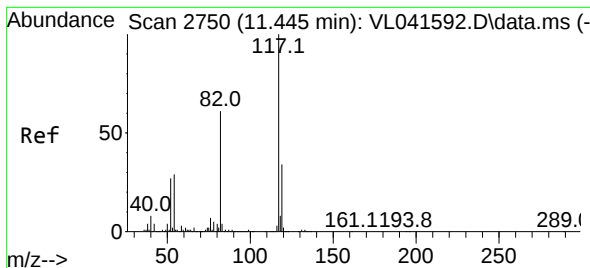
Tgt Ion: 91 Resp: 2493037
Ion Ratio Lower Upper
91 100
92 60.6 48.9 73.3



#54
1,2-Dibromoethane
Concen: 11.090 ppbv
RT: 9.996 min Scan# 2299
Delta R.T. 0.010 min
Lab File: VL041658.D
Acq: 11 Oct 2024 1:15

Tgt Ion: 107 Resp: 1179585
Ion Ratio Lower Upper
107 100
109 91.3 75.7 113.5

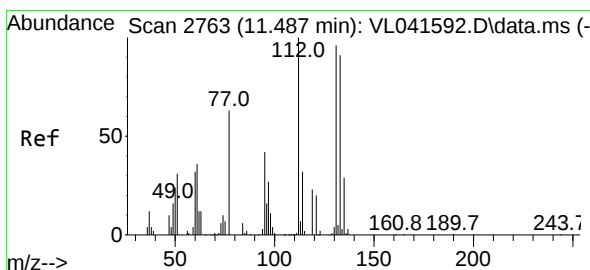
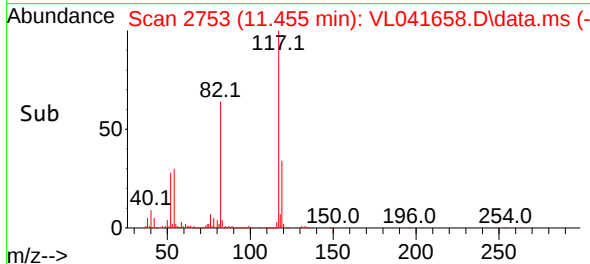
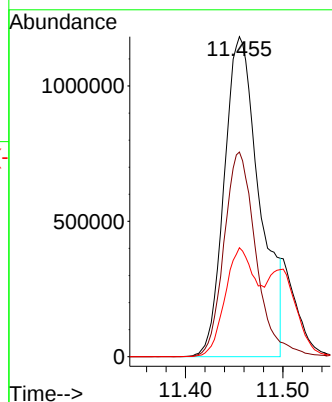
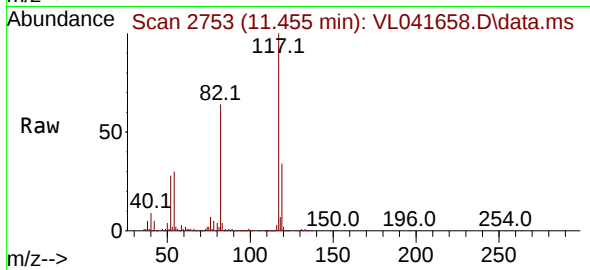




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.455 min Scan# 21
Delta R.T. 0.010 min
Lab File: VL041658.D
Acq: 11 Oct 2024 1:15

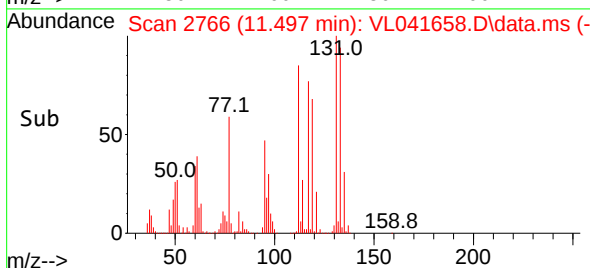
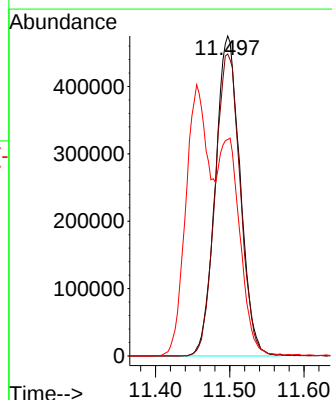
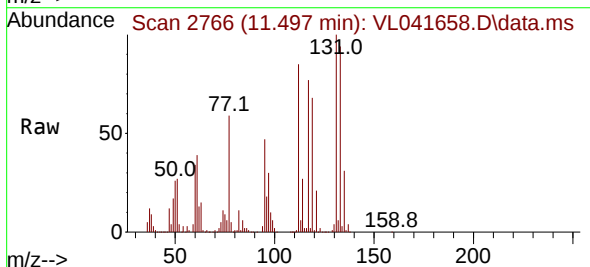
Instrument :
MSVOA_L
ClientSampleId :

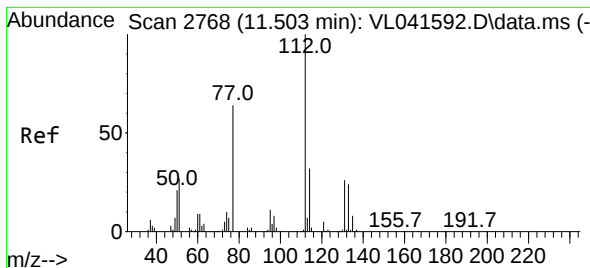
Tgt Ion:117 Resp: 2976621
Ion Ratio Lower Upper
117 100
82 58.5 49.4 74.2
119 31.1 24.4 36.6



#56
1,1,1,2-Tetrachloroethane
Concen: 9.474 ppbv
RT: 11.497 min Scan# 2766
Delta R.T. 0.010 min
Lab File: VL041658.D
Acq: 11 Oct 2024 1:15

Tgt Ion:131 Resp: 1101083
Ion Ratio Lower Upper
131 100
133 96.0 76.6 115.0
119 63.1 48.5 72.7





#57

Chlorobenzene

Concen: 9.156 ppbv

RT: 11.516 min Scan# 21

Delta R.T. 0.013 min

Lab File: VL041658.D

Acq: 11 Oct 2024 1:15

Instrument :

MSVOA_L

ClientSampleId :

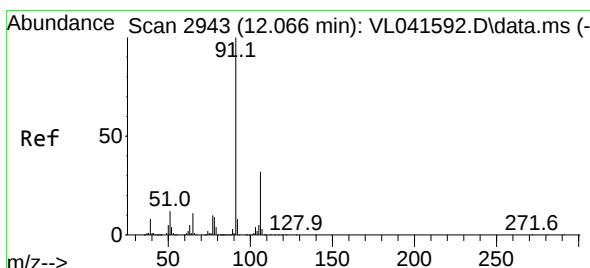
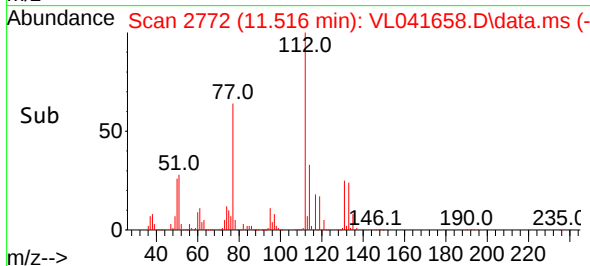
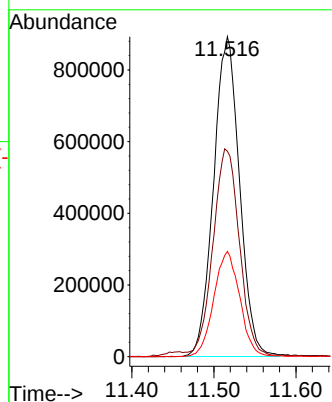
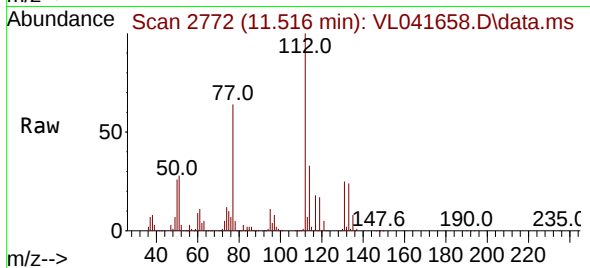
Tgt Ion:112 Resp: 1965001

Ion Ratio Lower Upper

112 100

77 63.8 52.0 78.0

114 32.8 28.6 35.0



#58

Ethyl Benzene

Concen: 10.613 ppbv

RT: 12.079 min Scan# 2947

Delta R.T. 0.013 min

Lab File: VL041658.D

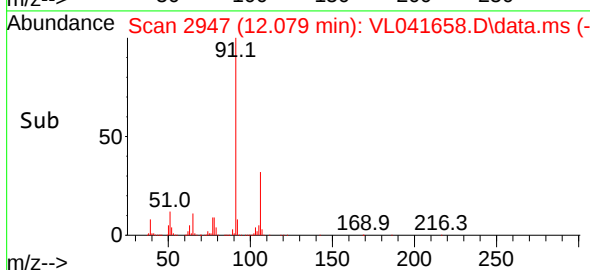
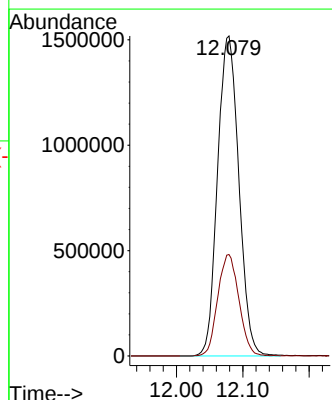
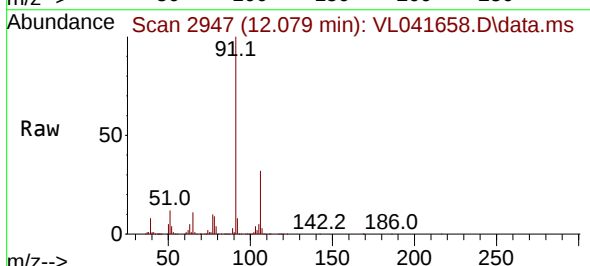
Acq: 11 Oct 2024 1:15

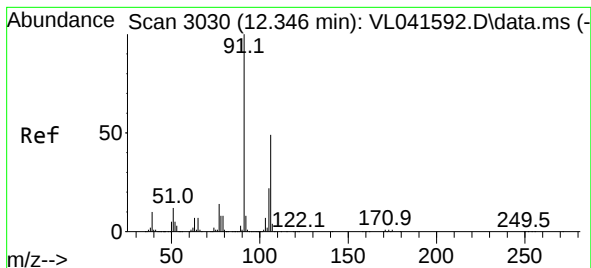
Tgt Ion: 91 Resp: 3381819

Ion Ratio Lower Upper

91 100

106 31.7 25.8 38.6

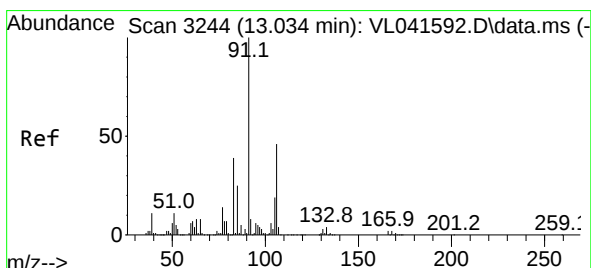
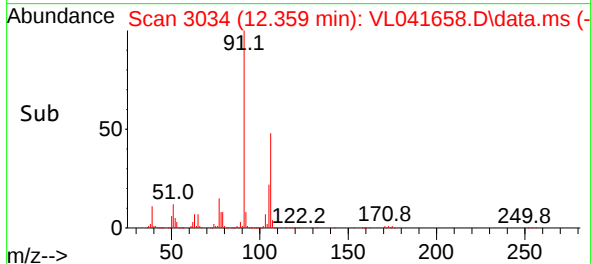
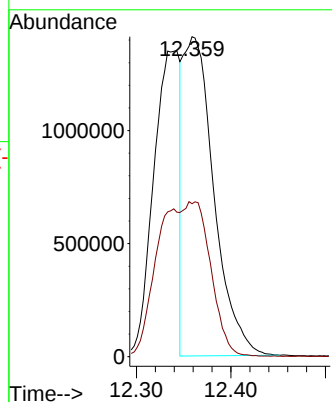
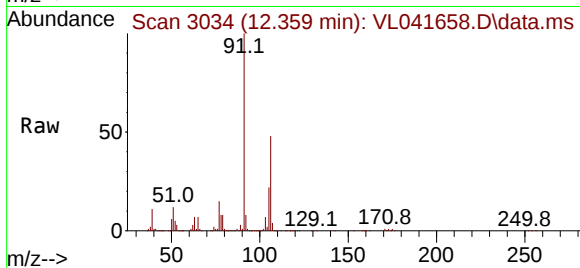




#59
m/p-Xylene
Concen: 11.240 ppbv
RT: 12.359 min Scan# 3034
Delta R.T. 0.013 min
Lab File: VL041658.D
Acq: 11 Oct 2024 1:15

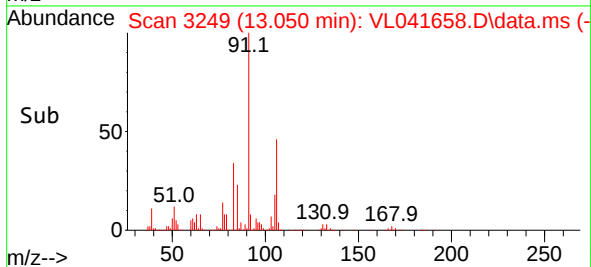
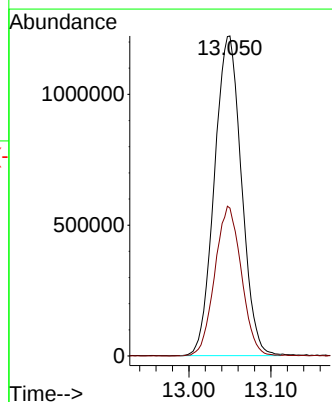
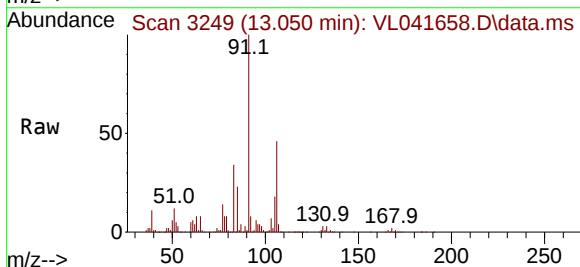
Instrument :
MSVOA_L
ClientSampleId :

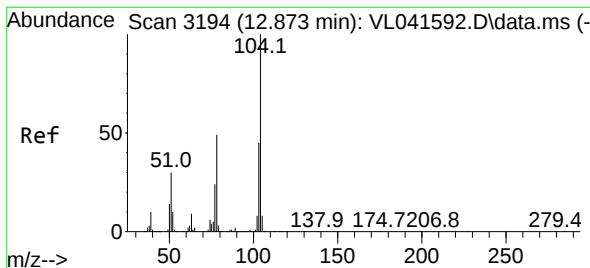
Tgt Ion: 91 Resp: 3187603
Ion Ratio Lower Upper
91 100
106 83.7 36.8 55.2#



#60
o-Xylene
Concen: 10.314 ppbv
RT: 13.050 min Scan# 3249
Delta R.T. 0.016 min
Lab File: VL041658.D
Acq: 11 Oct 2024 1:15

Tgt Ion: 91 Resp: 2804368
Ion Ratio Lower Upper
91 100
106 46.1 23.1 69.3





#61

Styrene

Concen: 11.572 ppbv

RT: 12.889 min Scan# 3194

Delta R.T. 0.016 min

Lab File: VL041658.D

Acq: 11 Oct 2024 1:15

Instrument :

MSVOA_L

ClientSampleId :

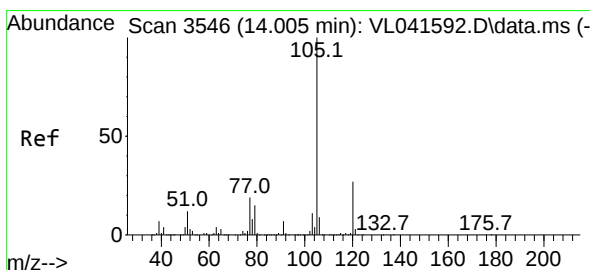
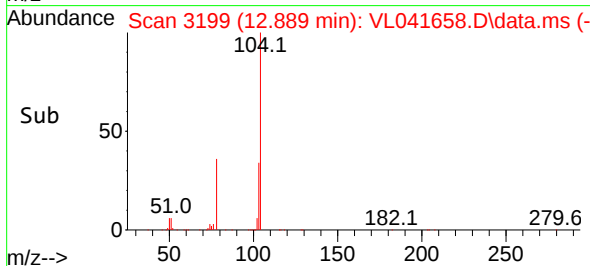
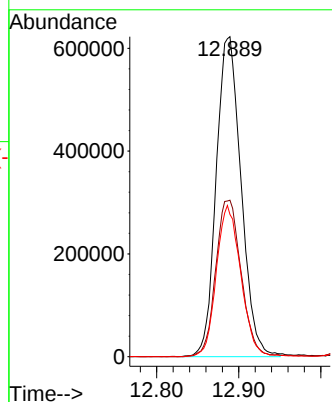
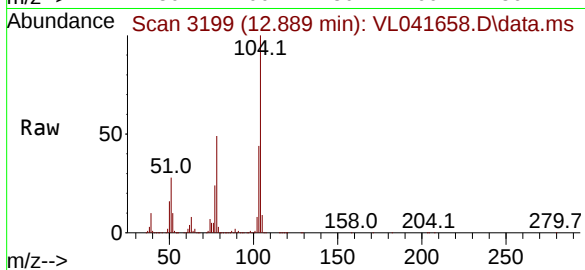
Tgt Ion:104 Resp: 1314465

Ion Ratio Lower Upper

104 100

78 50.3 39.8 59.6

103 46.6 37.4 56.0



#62

Isopropylbenzene

Concen: 9.884 ppbv

RT: 14.018 min Scan# 3550

Delta R.T. 0.013 min

Lab File: VL041658.D

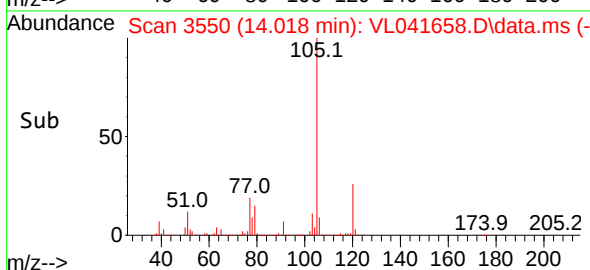
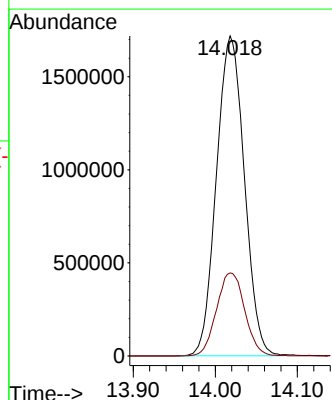
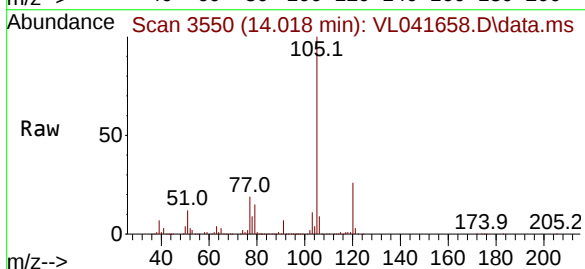
Acq: 11 Oct 2024 1:15

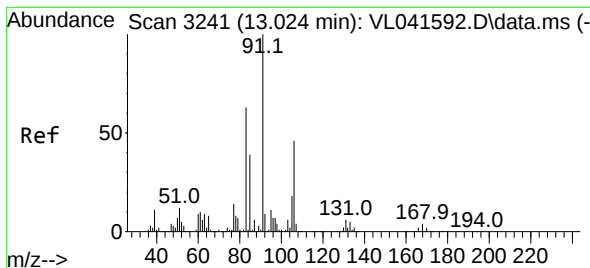
Tgt Ion:105 Resp: 4071670

Ion Ratio Lower Upper

105 100

120 26.3 20.9 31.3

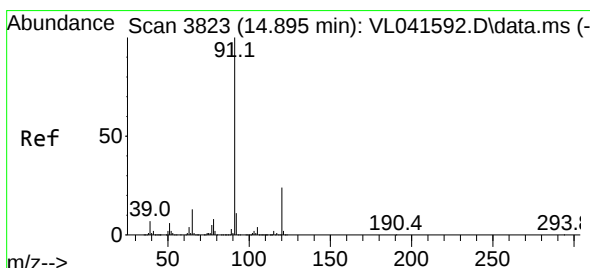
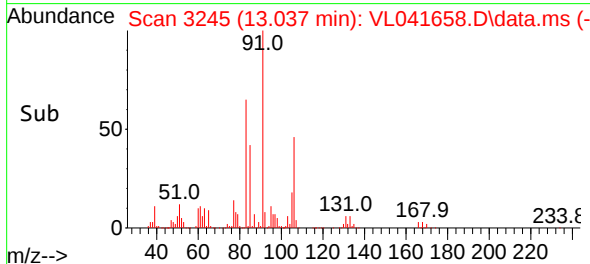
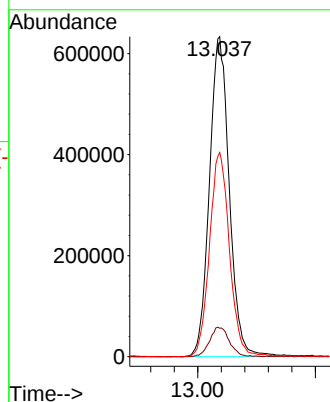
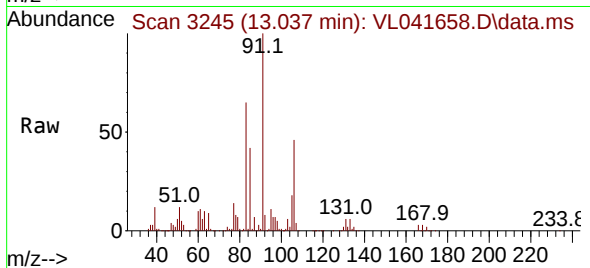




#63
1,1,2,2-Tetrachloroethane
Concen: 10.658 ppbv
RT: 13.037 min Scan# 31
Delta R.T. 0.013 min
Lab File: VL041658.D
Acq: 11 Oct 2024 1:15

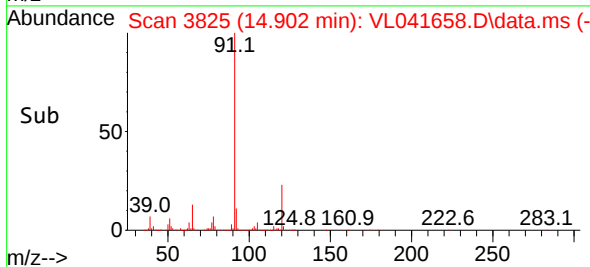
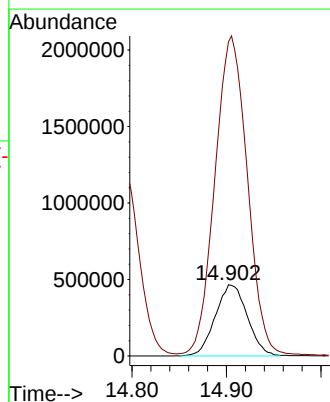
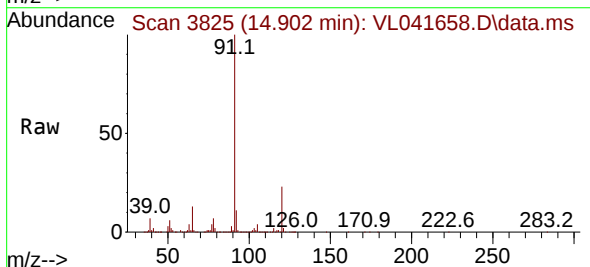
Instrument :
MSVOA_L
ClientSampleId :

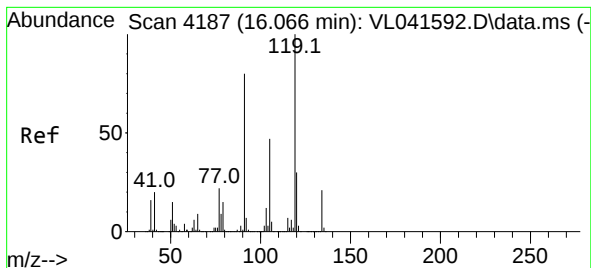
Tgt Ion: 83 Resp: 1481660
Ion Ratio Lower Upper
83 100
131 9.3 4.8 14.4
85 64.5 32.5 97.4



#64
n-propylbenzene
Concen: 10.280 ppbv
RT: 14.902 min Scan# 3825
Delta R.T. 0.007 min
Lab File: VL041658.D
Acq: 11 Oct 2024 1:15

Tgt Ion:120 Resp: 1093631
Ion Ratio Lower Upper
120 100
91 458.5 366.4 549.6

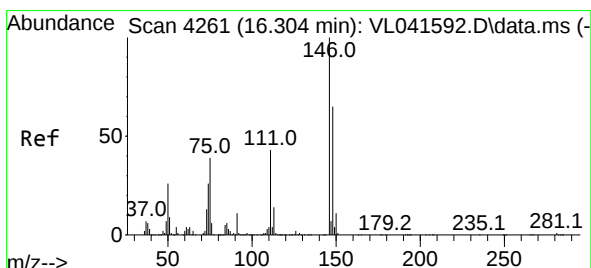
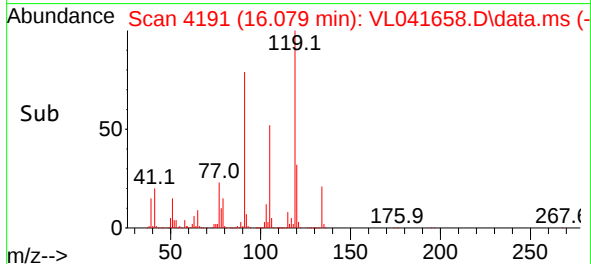
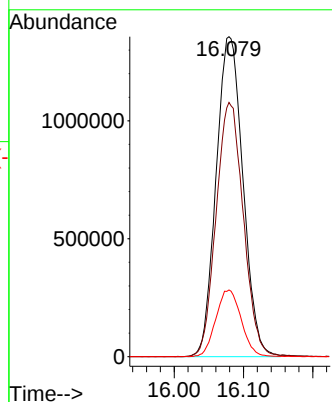
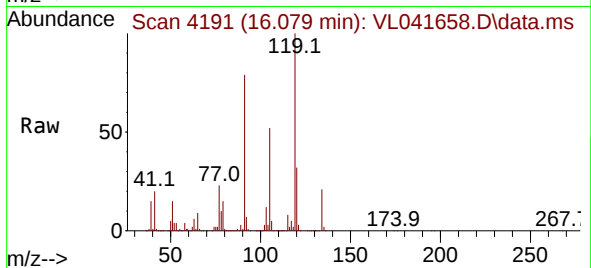




#65
tert-Butylbenzene
Concen: 9.672 ppbv
RT: 16.079 min Scan# 4187
Delta R.T. 0.013 min
Lab File: VL041658.D
Acq: 11 Oct 2024 1:15

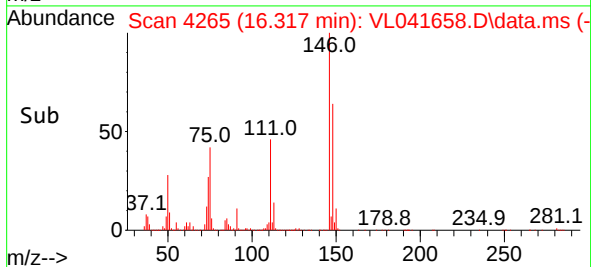
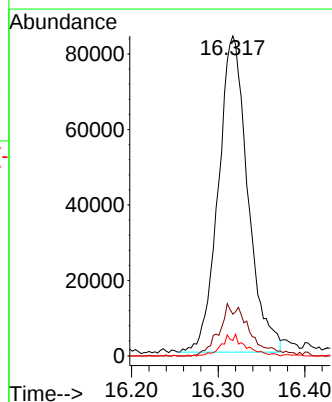
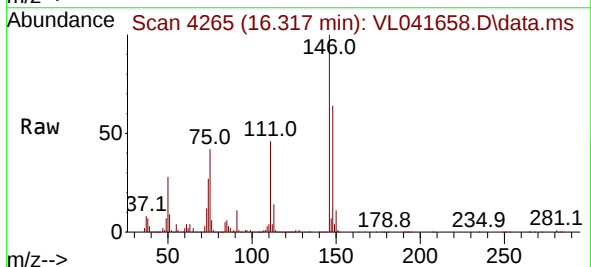
Instrument :
MSVOA_L
ClientSampleId :

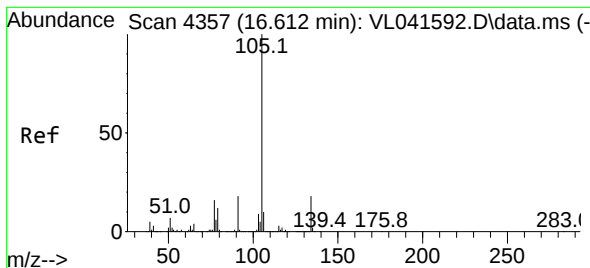
Tgt Ion:119 Resp: 3652217
Ion Ratio Lower Upper
119 100
91 80.7 64.6 96.8
134 19.8 15.8 23.8



#66
Benzyl Chloride
Concen: 10.062 ppbv
RT: 16.317 min Scan# 4265
Delta R.T. 0.013 min
Lab File: VL041658.D
Acq: 11 Oct 2024 1:15

Tgt Ion: 91 Resp: 197528
Ion Ratio Lower Upper
91 100
126 17.4 15.4 23.2
128 5.7 4.8 7.2

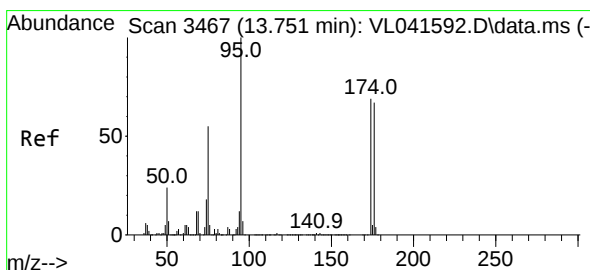
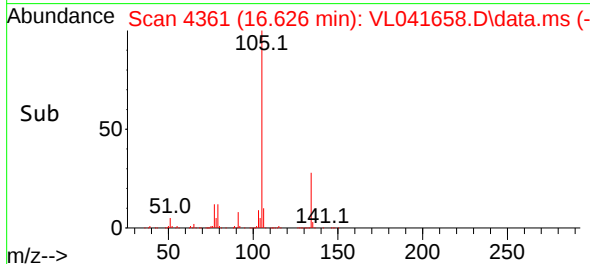
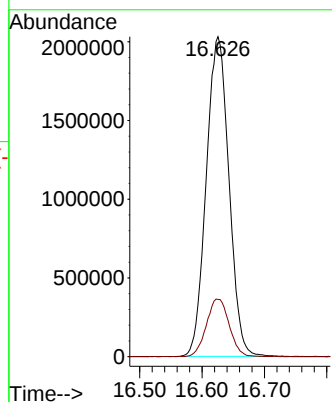
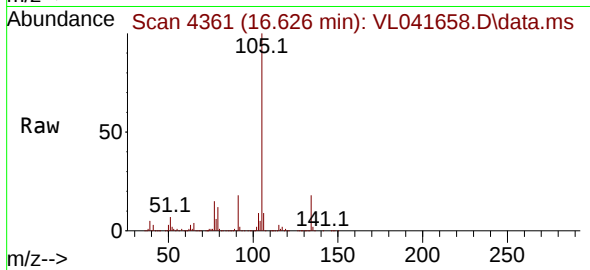




#67
 sec-Butylbenzene
 Concen: 9.807 ppbv
 RT: 16.626 min Scan# 41
 Delta R.T. 0.013 min
 Lab File: VL041658.D
 Acq: 11 Oct 2024 1:15

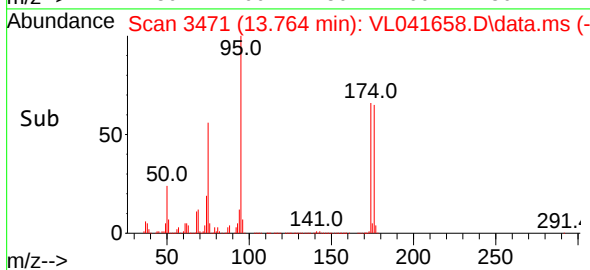
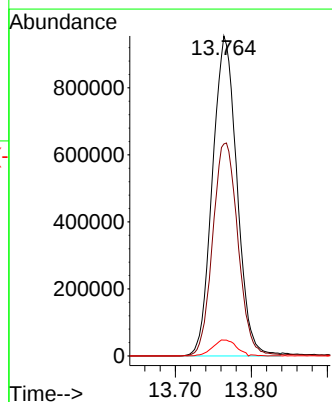
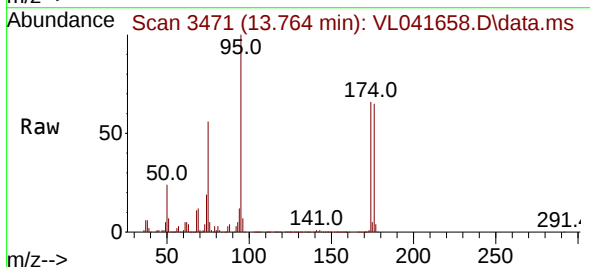
Instrument :
 MSVOA_L
 ClientSampleId :

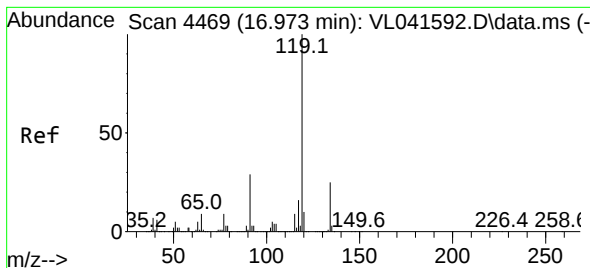
Tgt Ion:105 Resp: 5137677
 Ion Ratio Lower Upper
 105 100
 134 18.1 14.6 21.8



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.734 ppbv
 RT: 13.764 min Scan# 3471
 Delta R.T. 0.013 min
 Lab File: VL041658.D
 Acq: 11 Oct 2024 1:15

Tgt Ion: 95 Resp: 2132871
 Ion Ratio Lower Upper
 95 100
 174 69.4 55.8 83.8
 175 5.0 4.1 6.1





#69

p-Isopropyltoluene

Concen: 10.068 ppbv

RT: 16.982 min Scan# 4469

Delta R.T. 0.010 min

Lab File: VL041658.D

Acq: 11 Oct 2024 1:15

Instrument :

MSVOA_L

ClientSampleId :

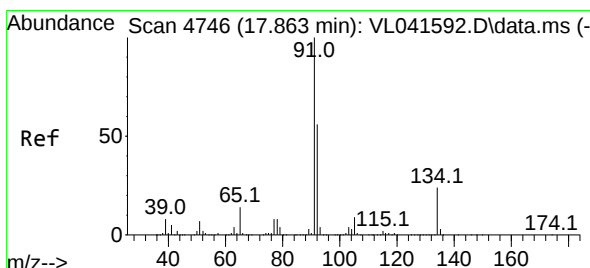
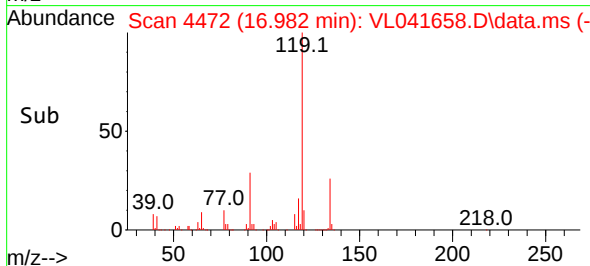
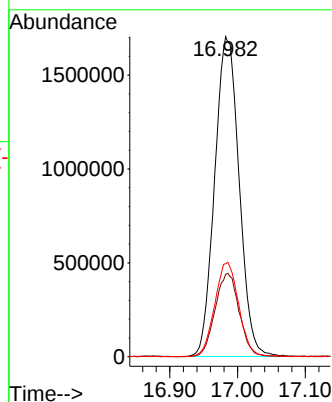
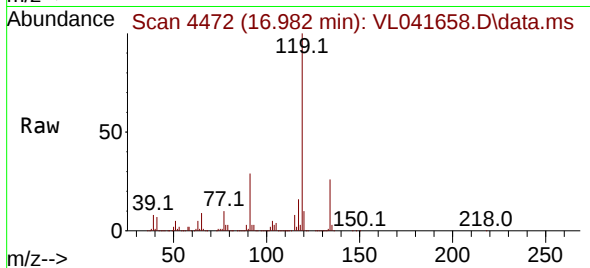
Tgt Ion:119 Resp: 4269158

Ion Ratio Lower Upper

119 100

134 25.8 20.5 30.7

91 29.0 23.1 34.7



#70

n-Butylbenzene

Concen: 9.879 ppbv

RT: 17.876 min Scan# 4750

Delta R.T. 0.013 min

Lab File: VL041658.D

Acq: 11 Oct 2024 1:15

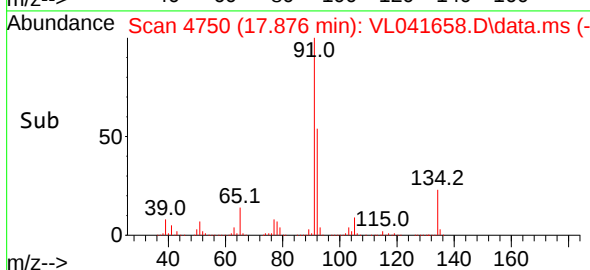
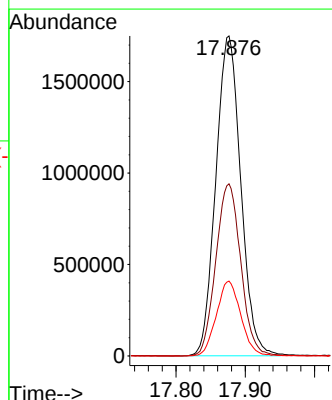
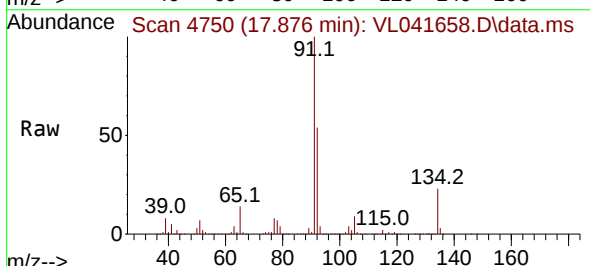
Tgt Ion: 91 Resp: 4388221

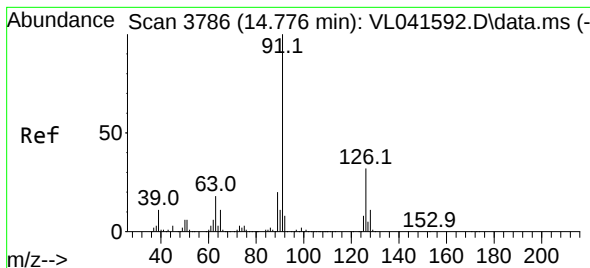
Ion Ratio Lower Upper

91 100

92 53.7 43.2 64.8

134 23.0 18.6 27.8





#71

2-Chlorotoluene

Concen: 10.047 ppbv

RT: 14.790 min Scan# 31

Delta R.T. 0.013 min

Lab File: VL041658.D

Acq: 11 Oct 2024 1:15

Instrument :

MSVOA_L

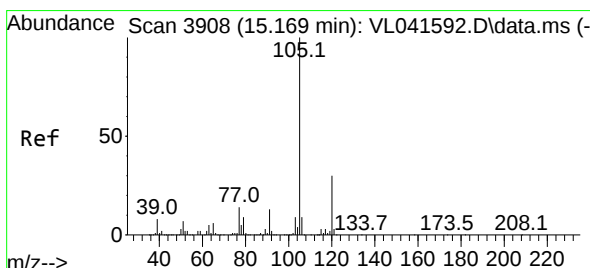
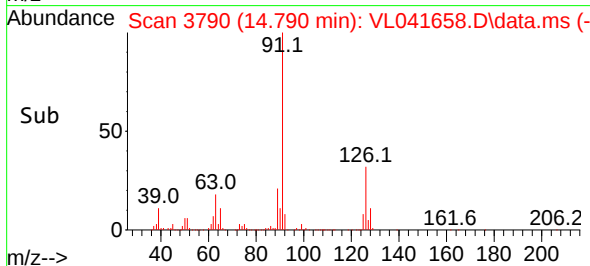
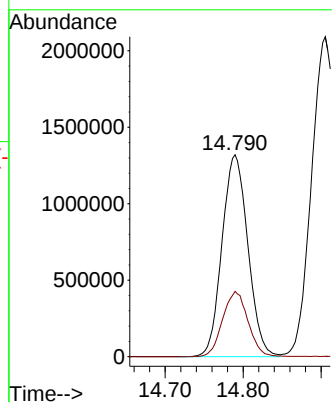
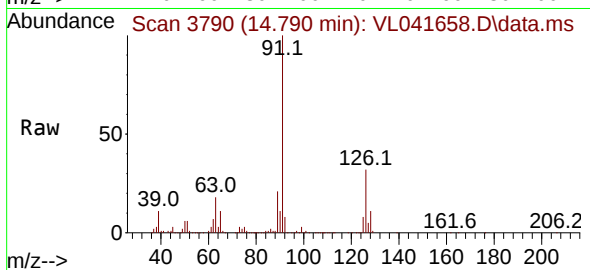
ClientSampleId :

Tgt Ion: 91 Resp: 3045272

Ion Ratio Lower Upper

91 100

126 31.8 12.9 51.5



#72

4-Ethyltoluene

Concen: 10.554 ppbv

RT: 15.182 min Scan# 3912

Delta R.T. 0.013 min

Lab File: VL041658.D

Acq: 11 Oct 2024 1:15

Tgt Ion:105 Resp: 3354252

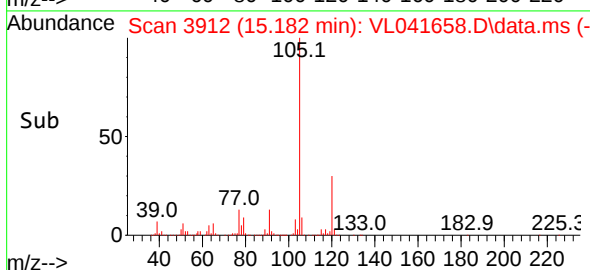
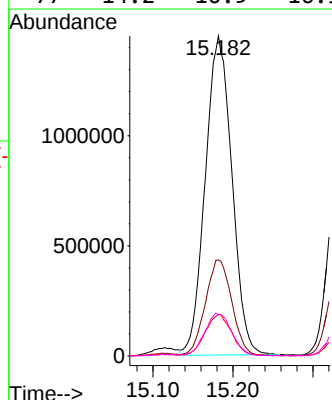
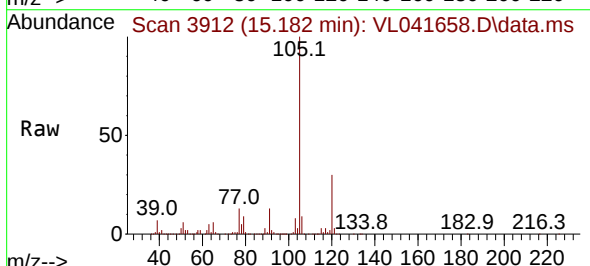
Ion Ratio Lower Upper

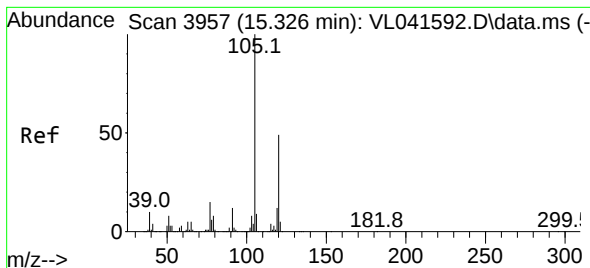
105 100

120 30.2 24.1 36.1

91 13.7 10.2 15.2

77 14.2 10.9 16.3





#73

1,3,5-Trimethylbenzene

Concen: 10.181 ppbv

RT: 15.339 min Scan# 3957

Delta R.T. 0.013 min

Lab File: VL041658.D

Acq: 11 Oct 2024 1:15

Instrument :

MSVOA_L

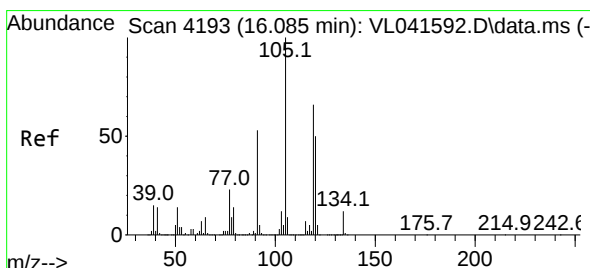
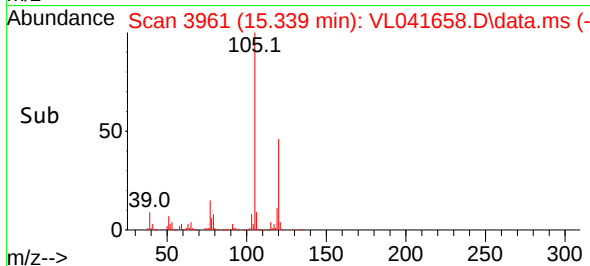
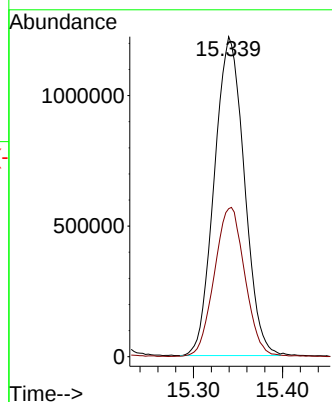
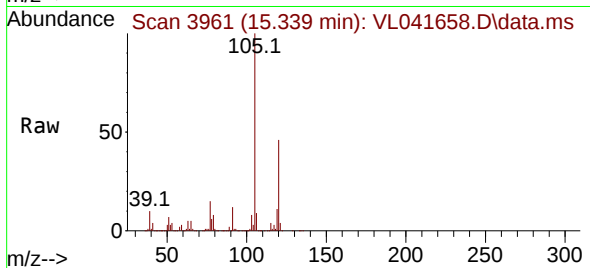
ClientSampleId :

Tgt Ion:105 Resp: 2857424

Ion Ratio Lower Upper

105 100

120 46.3 39.4 59.0



#74

1,2,4-Trimethylbenzene

Concen: 9.714 ppbv

RT: 16.095 min Scan# 4196

Delta R.T. 0.010 min

Lab File: VL041658.D

Acq: 11 Oct 2024 1:15

Tgt Ion:105 Resp: 3191011

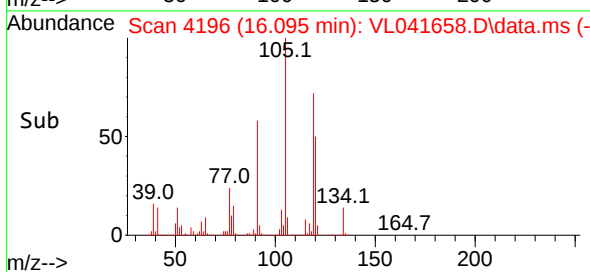
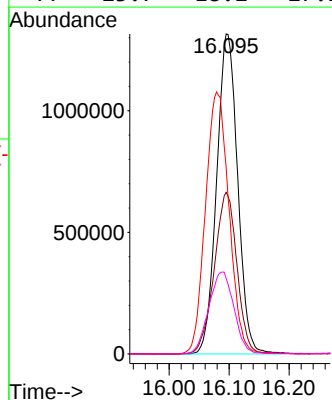
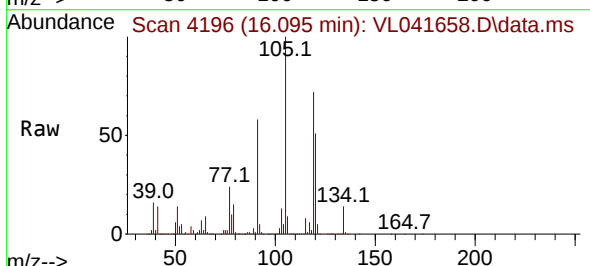
Ion Ratio Lower Upper

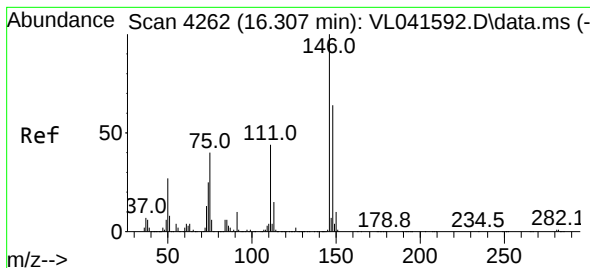
105 100

120 50.5 39.9 59.9

91 58.4 42.6 63.8

77 23.7 18.2 27.2





#75

1,3-Dichlorobenzene

Concen: 9.289 ppbv

RT: 16.320 min Scan# 4310

Delta R.T. 0.013 min

Lab File: VL041658.D

Acq: 11 Oct 2024 1:15

Instrument :

MSVOA_L

ClientSampleId :

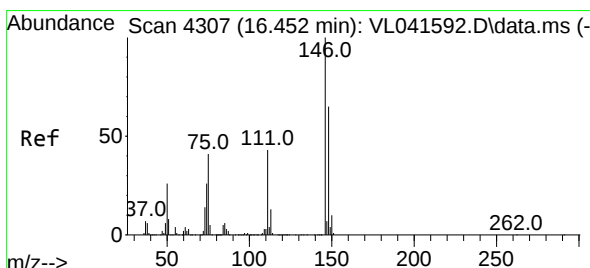
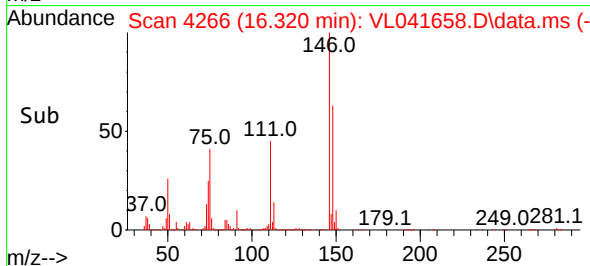
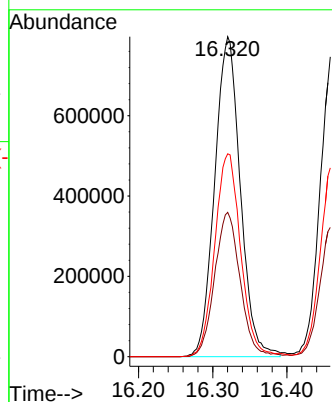
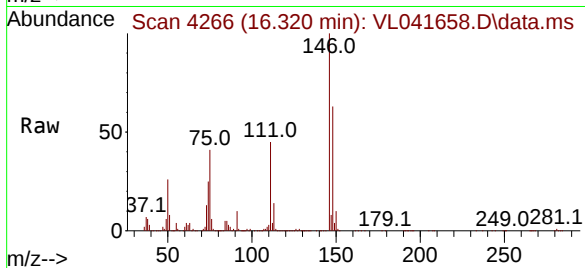
Tgt Ion:146 Resp: 1912425

Ion Ratio Lower Upper

146 100

111 45.0 22.4 67.0

148 64.3 32.1 96.5



#76

1,4-Dichlorobenzene

Concen: 9.519 ppbv

RT: 16.462 min Scan# 4310

Delta R.T. 0.010 min

Lab File: VL041658.D

Acq: 11 Oct 2024 1:15

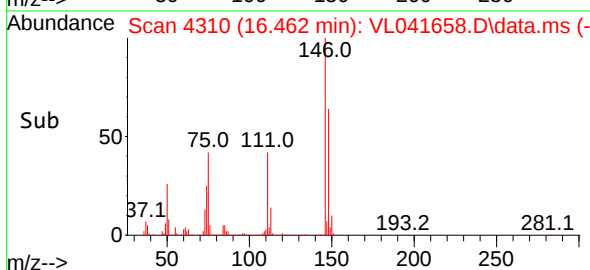
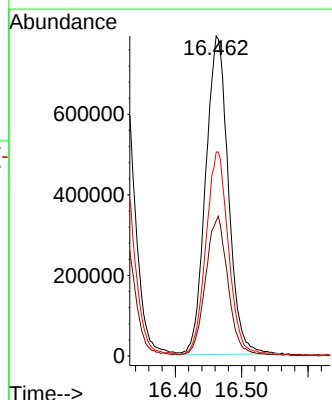
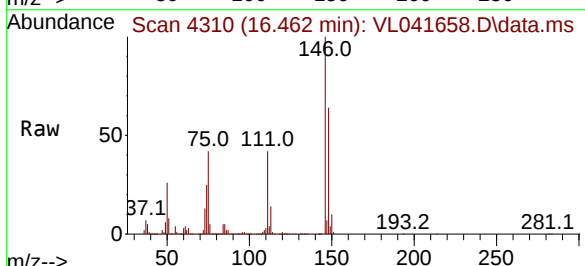
Tgt Ion:146 Resp: 1877778

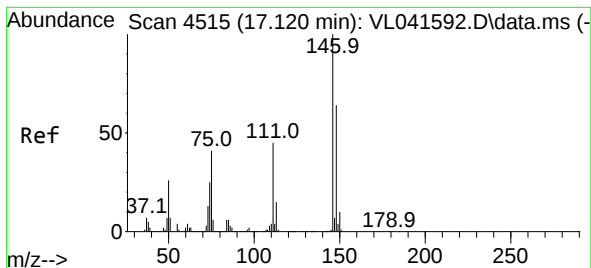
Ion Ratio Lower Upper

146 100

111 43.8 22.4 67.3

148 64.0 32.8 98.4





#77

1,2-Dichlorobenzene

Concen: 9.165 ppbv

RT: 17.130 min Scan# 4515

Delta R.T. 0.010 min

Lab File: VL041658.D

Acq: 11 Oct 2024 1:15

Instrument :

MSVOA_L

ClientSampleId :

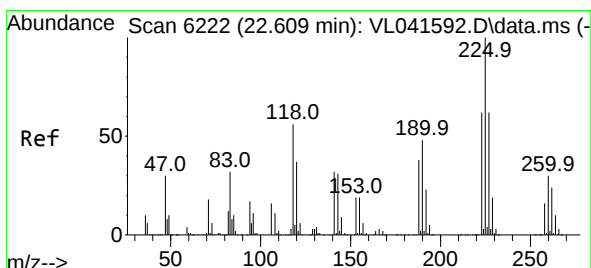
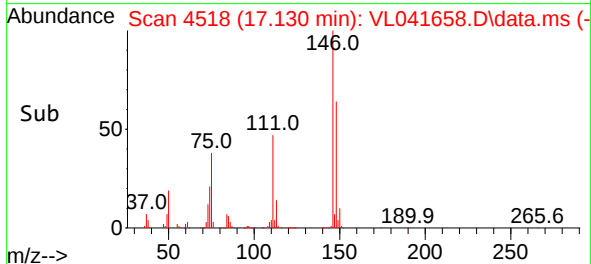
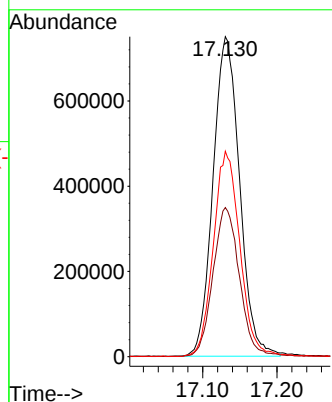
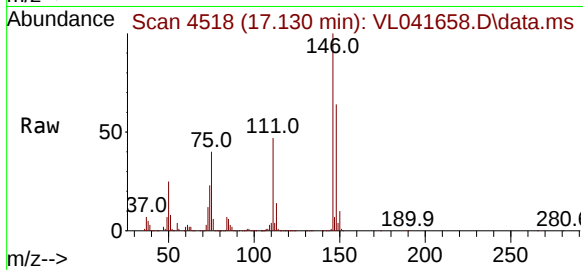
Tgt Ion:146 Resp: 1862671

Ion Ratio Lower Upper

146 100

111 46.8 23.4 70.0

148 64.5 32.5 97.4



#78

Hexachloro-1,3-Butadiene

Concen: 7.688 ppbv

RT: 22.616 min Scan# 6224

Delta R.T. 0.007 min

Lab File: VL041658.D

Acq: 11 Oct 2024 1:15

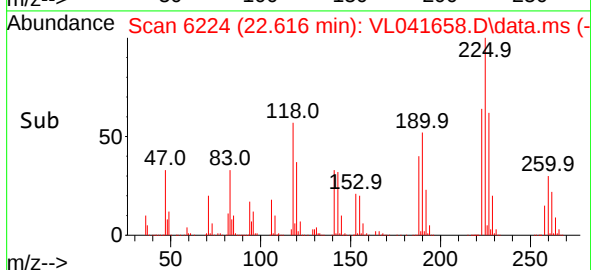
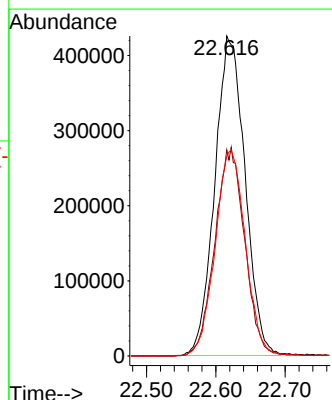
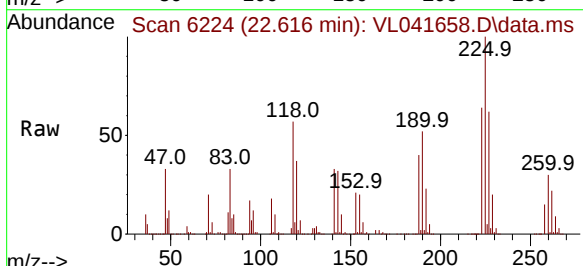
Tgt Ion:225 Resp: 1288904

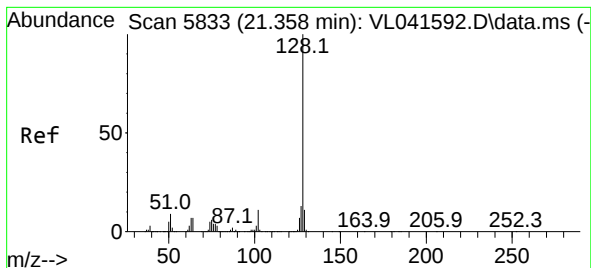
Ion Ratio Lower Upper

225 100

223 64.6 50.6 75.8

227 64.5 50.9 76.3





#79

Naphthalene

Concen: 10.177 ppbv

RT: 21.375 min Scan# 5838

Delta R.T. 0.016 min

Lab File: VL041658.D

Acq: 11 Oct 2024 1:15

Instrument :

MSVOA_L

ClientSampleId :

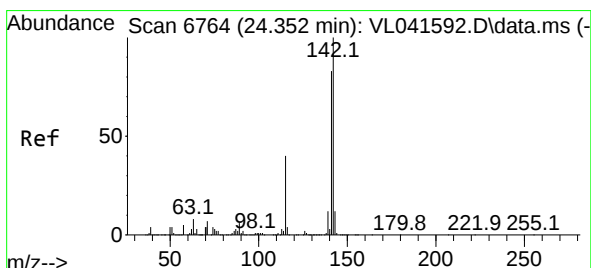
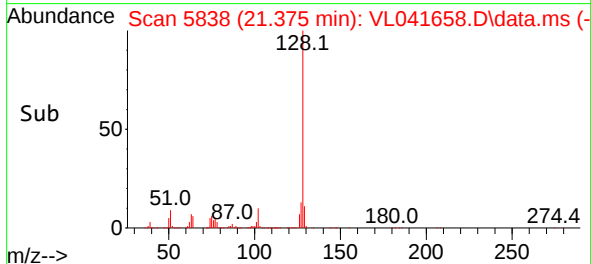
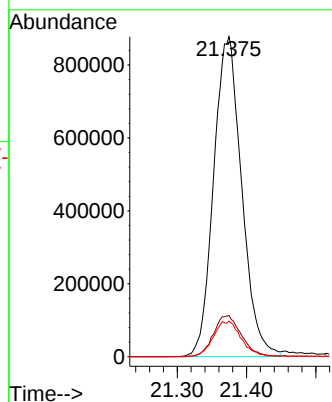
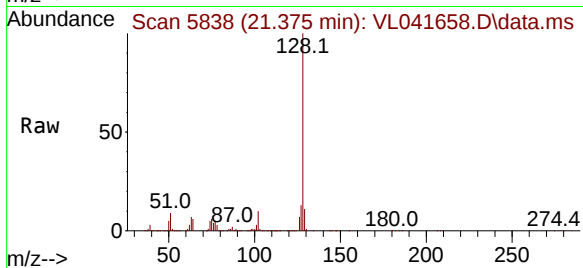
Tgt Ion:128 Resp: 2460422

Ion Ratio Lower Upper

128 100

127 12.8 10.1 15.1

129 11.1 9.1 13.7



#80

Naphthalene,2-methyl-

Concen: 4.878 ppbv

RT: 24.362 min Scan# 6767

Delta R.T. 0.010 min

Lab File: VL041658.D

Acq: 11 Oct 2024 1:15

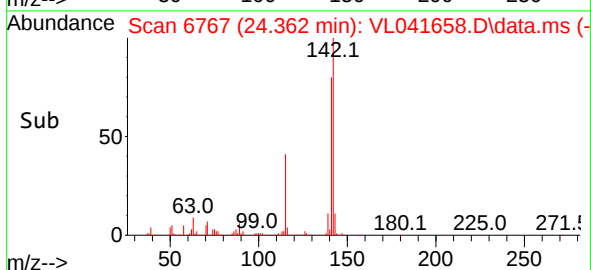
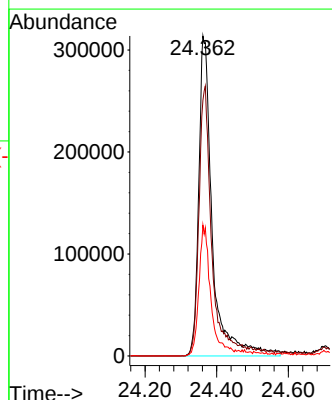
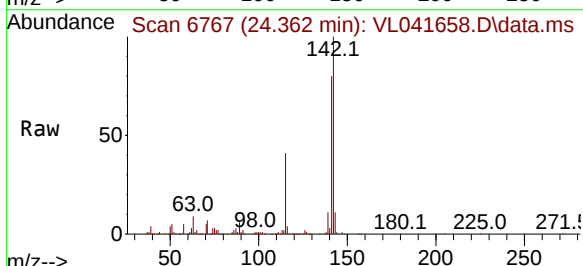
Tgt Ion:142 Resp: 826416

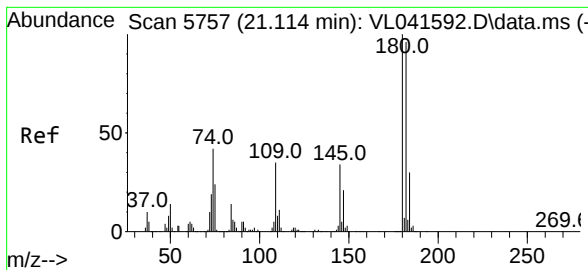
Ion Ratio Lower Upper

142 100

141 82.1 66.3 99.5

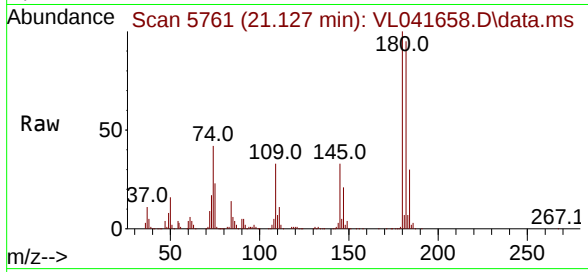
115 37.6 31.4 47.2





#81
 1,2,4-Trichlorobenzene
 Concen: 8.489 ppbv
 RT: 21.127 min Scan# 51
 Delta R.T. 0.013 min
 Lab File: VL041658.D
 Acq: 11 Oct 2024 1:15

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion:180 Resp: 1304730
 Ion Ratio Lower Upper
 180 100
 182 97.6 76.5 114.7
 184 30.3 24.7 37.1

