

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050224\
 Data File : VL041190.D
 Acq On : 2 May 2024 10:44
 Operator : SY/MD
 Sample : VL0502ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0502ABS01

Quant Time: May 03 03:38:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL042924AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri May 03 03:34:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.185	49	994831	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.648	114	2514703	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	2936475	10.000	ppbv	# 0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.770	95	1845774	8.326	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	83.300%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.719	85	1304778	9.696	ppbv	99
3) Chlorodifluoromethane	2.664	51	1386168	9.174	ppbv	100
4) Chloromethane	2.803	50	551252	9.298	ppbv	96
5) Vinyl Chloride	2.909	62	571370	9.593	ppbv	99
6) Bromomethane	3.108	94	199303	9.171	ppbv	85
7) Chloroethane	3.185	64	192912	9.174	ppbv	97
8) Dichlorotetrafluoroethane	2.848	85	1326618	9.525	ppbv	99
9) Propene	2.684	41	527334	8.918	ppbv	99
10) Heptane	7.574	43	1300646	9.079	ppbv	99
11) Trichlorofluoromethane	3.552	101	1345103	9.835	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.060	101	980225	9.692	ppbv	99
13) Ethanol	3.230	45	129735	9.788	ppbv	98
14) Bromoethene	3.356	108	406444	9.738	ppbv	100
15) Acetone	3.459	43	1033194	8.800	ppbv	99
16) 1,3-Butadiene	2.973	39	571438	9.642	ppbv	98
17) tert-Butyl alcohol	3.867	59	1208491	9.542	ppbv	100
18) 1,1-Dichloroethene	3.873	96	446772	9.908	ppbv	93
19) Isopropyl Alcohol	3.565	45	779107	10.113	ppbv	# 43
20) Methylene Chloride	3.925	84	372900	9.133	ppbv	97
21) Allyl Chloride	3.986	41	735747	9.611	ppbv	100
22) trans-1,2-Dichloroethene	4.436	96	469912	10.020	ppbv	99
23) Vinyl Acetate	4.619	43	1277360	9.880	ppbv	99
24) 1,1-Dichloroethane	4.555	63	986795	9.816	ppbv	100
25) Ethyl Acetate	5.198	43	2179564	9.301	ppbv	100
26) Hexane	5.205	57	952256	9.106	ppbv	99
27) Carbon Disulfide	4.115	76	1205226	9.736	ppbv	99
28) Methyl tert-Butyl Ether	4.578	73	788003	9.463	ppbv	99
29) Chloroform	5.269	83	1380380	9.568	ppbv	99
30) Cyclohexane	6.594	84	769111	9.291	ppbv	98
31) cis-1,2-Dichloroethene	5.073	61	937251	9.573	ppbv	98
32) 1,1,1-Trichloroethane	5.999	97	1379315	9.582	ppbv	99
34) 2-Butanone	4.777	43	1103014	8.618	ppbv	99
35) Carbon Tetrachloride	6.487	117	1378116	9.765	ppbv	99
36) Benzene	6.365	78	1949705	9.239	ppbv	99
37) 1,2-Dichloroethane	5.799	62	1072252	9.738	ppbv	100
38) Trichloroethene	7.285	130	699042	8.889	ppbv	98
39) 1,2-Dichloropropane	7.069	63	765945	9.418	ppbv	97
40) 1,4-Dioxane	7.278	88	304697	10.487	ppbv	88
41) Tetrahydrofuran	5.549	42	874636	9.440	ppbv	100
42) Bromodichloromethane	7.246	83	1554961	9.847	ppbv	100
43) Methyl Methacrylate	7.468	69	805026	9.432	ppbv	97
44) 2,2,4-Trimethylpentane	7.320	57	3343431	9.189	ppbv	99
45) t-1,3-Dichloropropene	8.706	75	634027	10.251	ppbv	98

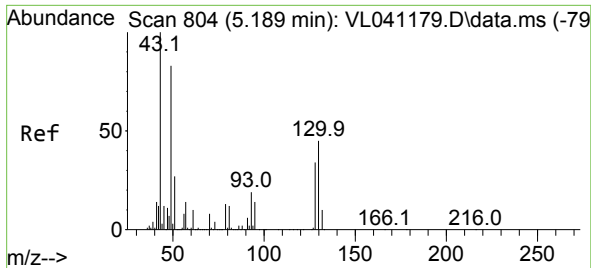
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050224\
 Data File : VL041190.D
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Quant Time: May 03 03:38:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL042924AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri May 03 03:34:47 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.140	75	750513	9.911	ppbv	96
47) 1,1,2-Trichloroethane	8.892	97	781722	9.603	ppbv	98
48) Dibromochloromethane	9.706	129	1293953	9.976	ppbv	100
49) Bromoform	12.404	173	1112274	10.081	ppbv	99
50) 4-Methyl-2-Pentanone	8.175	43	2094838	9.120	ppbv	99
51) 2-Hexanone	9.545	43	1555238	9.128	ppbv #	100
52) Tetrachloroethene	10.609	164	690970	9.316	ppbv	98
53) Toluene	9.217	91	2290129	9.359	ppbv	99
54) 1,2-Dibromoethane	10.005	107	1084767	9.839	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.503	131	942456	7.915	ppbv	100
57) Chlorobenzene	11.526	112	1643593	7.643	ppbv	99
58) Ethyl Benzene	12.085	91	3030456	7.526	ppbv	100
59) m/p-Xylene	12.368	91	2821563	8.338	ppbv #	46
60) o-Xylene	13.056	91	2377290	7.494	ppbv	100
61) Styrene	12.892	104	1306178	7.795	ppbv	99
62) Isopropylbenzene	14.024	105	3560087	7.503	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.043	83	1665174	7.701	ppbv	99
64) n-propylbenzene	14.915	120	922041	7.789	ppbv	99
65) tert-Butylbenzene	16.085	119	3086325	7.262	ppbv	99
66) Benzyl Chloride	16.323	91	367942	7.648	ppbv	99
67) sec-Butylbenzene	16.632	105	4361837	7.291	ppbv	99
69) p-Isopropyltoluene	16.989	119	3643982	7.391	ppbv	100
70) n-Butylbenzene	17.882	91	3812583	7.405	ppbv	100
71) 2-Chlorotoluene	14.796	91	2738800	7.581	ppbv	99
72) 4-Ethyltoluene	15.188	105	2794456	7.777	ppbv	98
73) 1,3,5-Trimethylbenzene	15.346	105	2453845	7.548	ppbv	100
74) 1,2,4-Trimethylbenzene	16.104	105	2674360	7.532	ppbv	97
75) 1,3-Dichlorobenzene	16.326	146	1581954	7.770	ppbv	100
76) 1,4-Dichlorobenzene	16.471	146	1554942	7.942	ppbv	99
77) 1,2-Dichlorobenzene	17.140	146	1528071	7.509	ppbv	100
78) Hexachloro-1,3-Butadiene	22.631	225	1194574	6.604	ppbv	100
79) Naphthalene	21.381	128	2704131	7.998	ppbv	100
80) Naphthalene,2-methyl-	24.371	142	924571	6.797	ppbv	98
81) 1,2,4-Trichlorobenzene	21.140	180	1359471	7.615	ppbv	100

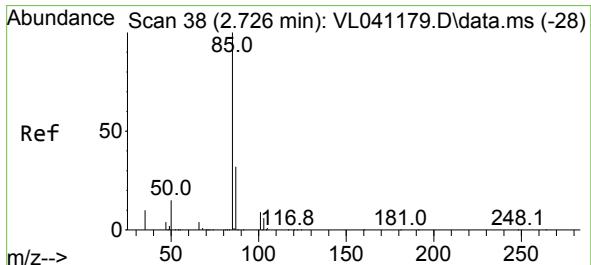
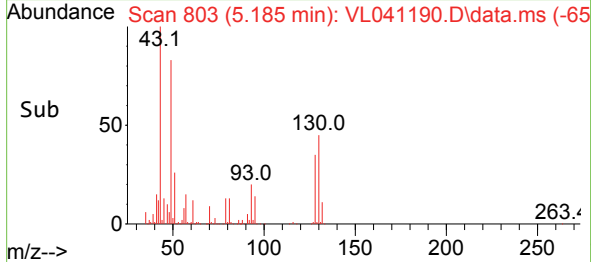
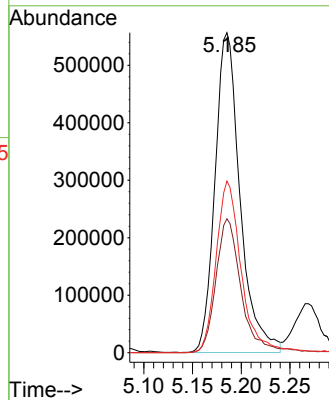
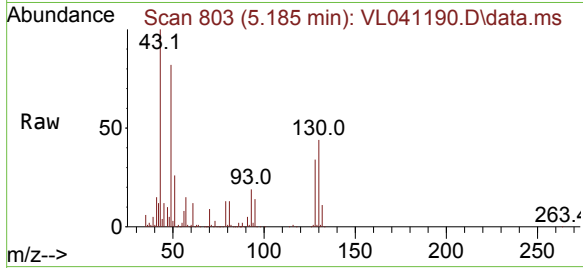
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.185 min Scan# 80
Delta R.T. -0.007 min
Lab File: VL041190.D
Acq: 2 May 2024 10:44

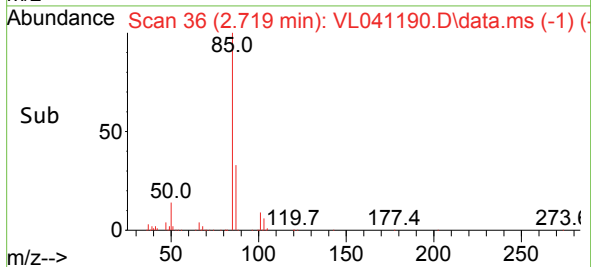
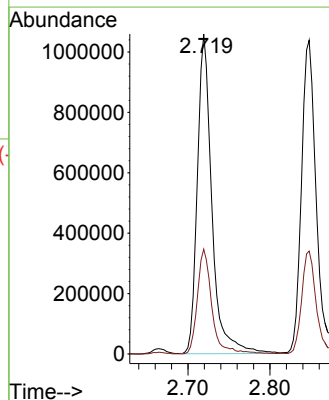
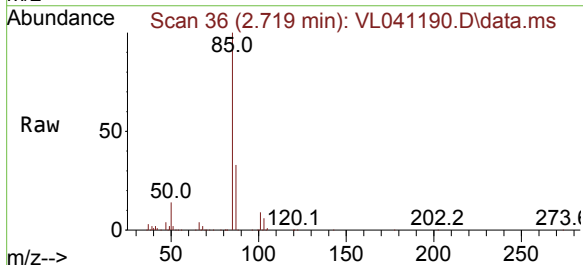
Instrument :
MSVOA_L
ClientSampleId :
VL0502ABS01

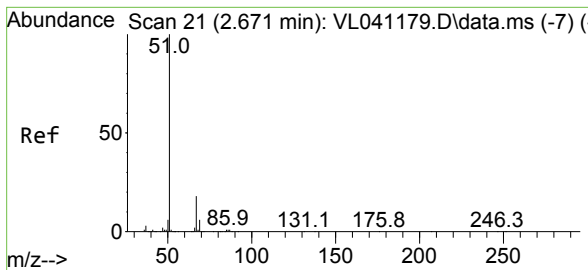
Tgt Ion: 49 Resp: 994831
Ion Ratio Lower Upper
49 100
128 43.1 21.5 64.5
130 55.2 27.2 81.6



#2
Dichlorodifluoromethane
Concen: 9.696 ppbv
RT: 2.719 min Scan# 36
Delta R.T. -0.010 min
Lab File: VL041190.D
Acq: 2 May 2024 10:44

Tgt Ion: 85 Resp: 1304778
Ion Ratio Lower Upper
85 100
87 32.8 25.7 38.5

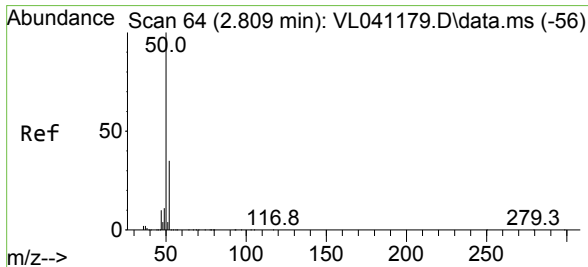
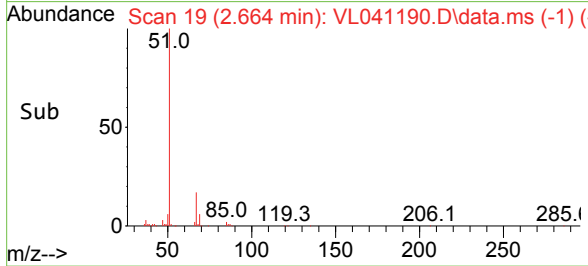
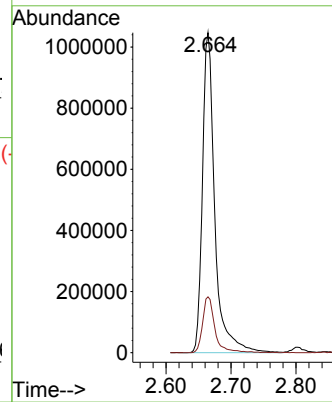
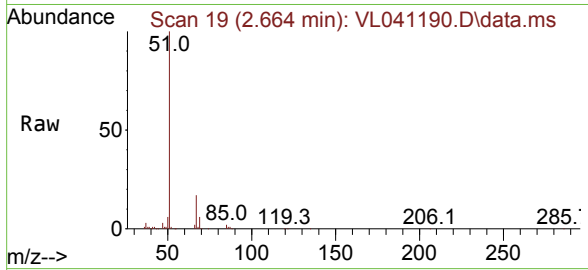




#3
Chlorodifluoromethane
Concen: 9.174 ppbv
RT: 2.664 min Scan# 19
Delta R.T. -0.010 min
Lab File: VL041190.D
Acq: 2 May 2024 10:44

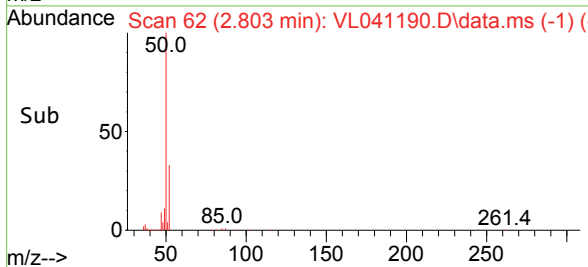
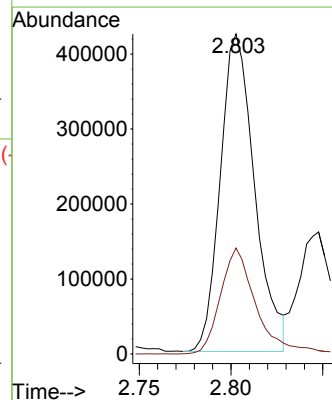
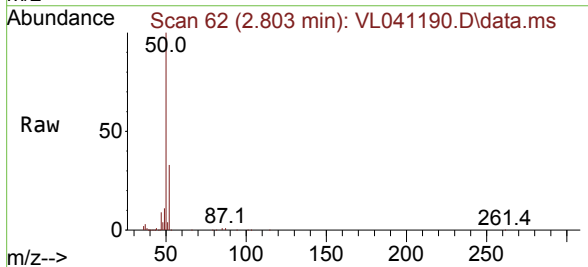
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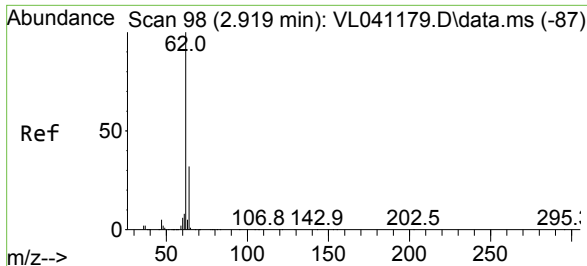
Tgt Ion: 51 Resp: 1386168
Ion Ratio Lower Upper
51 100
67 17.5 14.0 21.0



#4
Chloromethane
Concen: 9.298 ppbv
RT: 2.803 min Scan# 62
Delta R.T. -0.010 min
Lab File: VL041190.D
Acq: 2 May 2024 10:44

Tgt Ion: 50 Resp: 551252
Ion Ratio Lower Upper
50 100
52 33.3 28.3 42.5

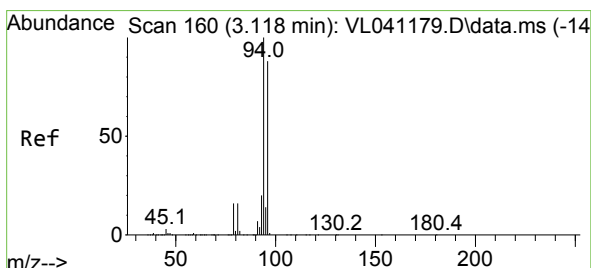
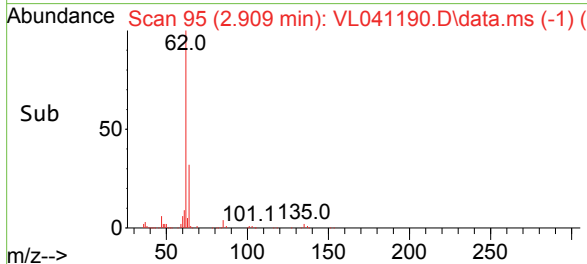
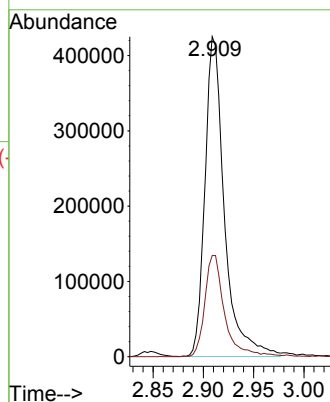
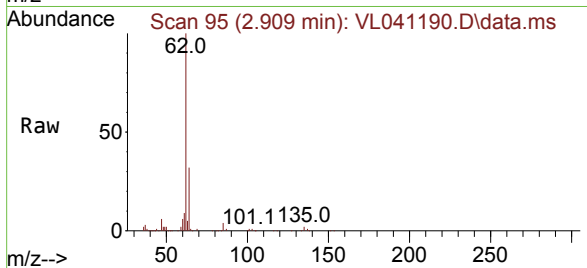




#5
 Vinyl Chloride
 Concen: 9.593 ppbv
 RT: 2.909 min Scan# 91
 Delta R.T. -0.010 min
 Lab File: VL041190.D
 Acq: 2 May 2024 10:44

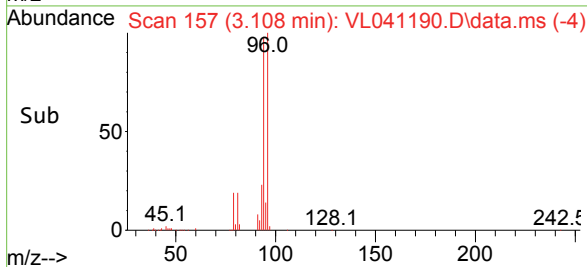
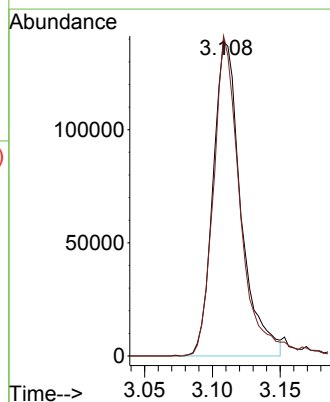
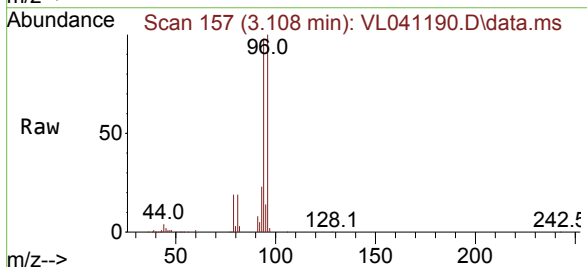
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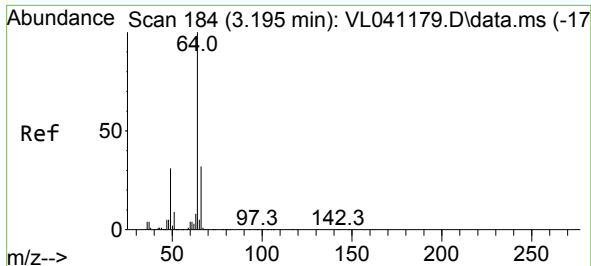
Tgt Ion: 62 Resp: 571370
 Ion Ratio Lower Upper
 62 100
 64 31.6 25.7 38.5



#6
 Bromomethane
 Concen: 9.171 ppbv
 RT: 3.108 min Scan# 157
 Delta R.T. -0.010 min
 Lab File: VL041190.D
 Acq: 2 May 2024 10:44

Tgt Ion: 94 Resp: 199303
 Ion Ratio Lower Upper
 94 100
 96 101.7 70.1 105.1

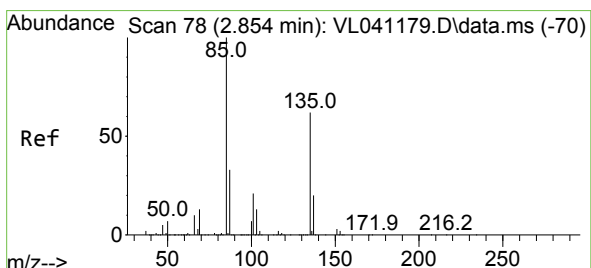
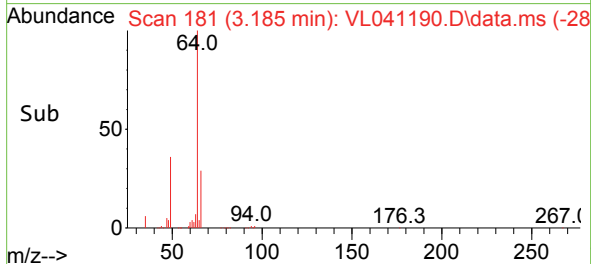
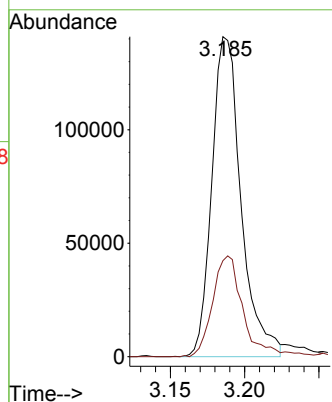
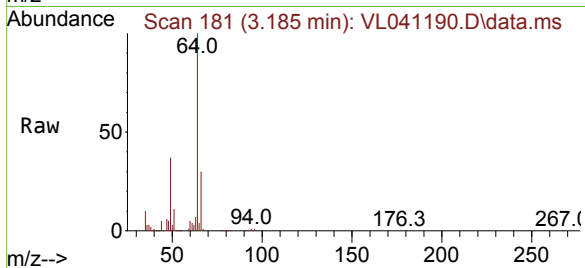




#7
Chloroethane
Concen: 9.174 ppbv
RT: 3.185 min Scan# 11
Delta R.T. -0.010 min
Lab File: VL041190.D
Acq: 2 May 2024 10:44

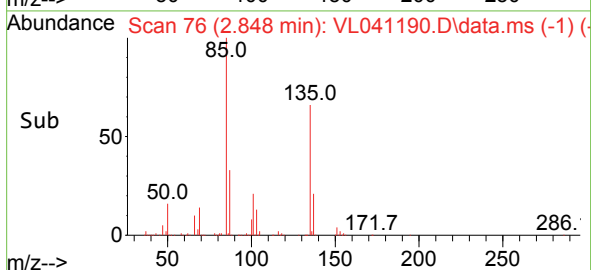
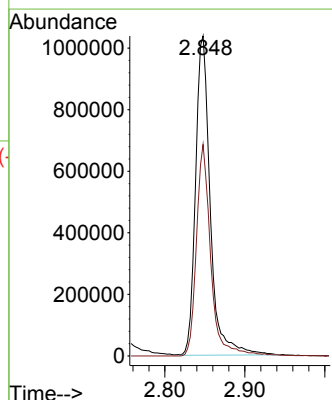
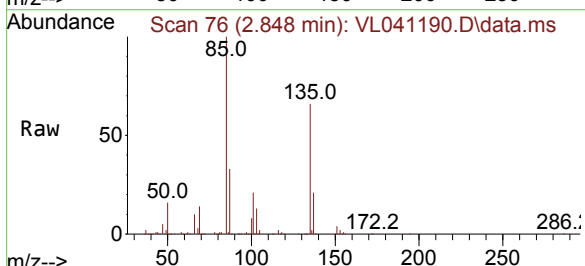
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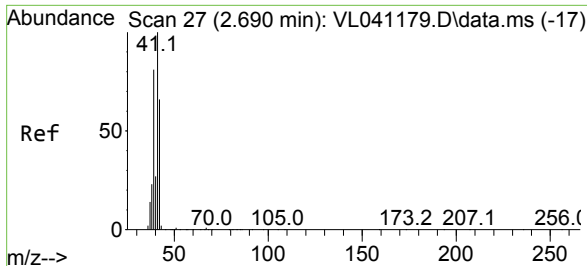
Tgt Ion: 64 Resp: 192912
Ion Ratio Lower Upper
64 100
66 30.0 25.4 38.2



#8
Dichlorotetrafluoroethane
Concen: 9.525 ppbv
RT: 2.848 min Scan# 76
Delta R.T. -0.006 min
Lab File: VL041190.D
Acq: 2 May 2024 10:44

Tgt Ion: 85 Resp: 1326618
Ion Ratio Lower Upper
85 100
135 65.1 51.5 77.3

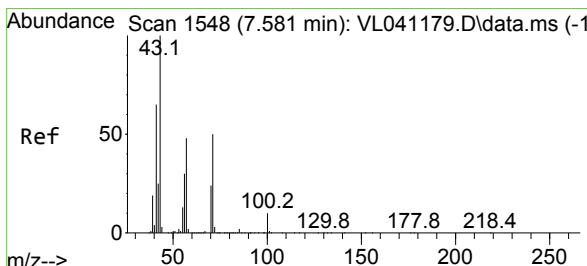
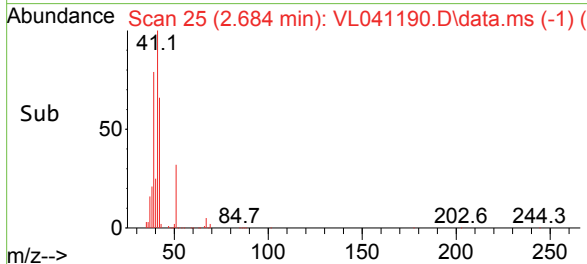
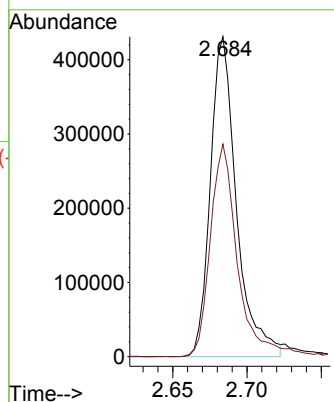
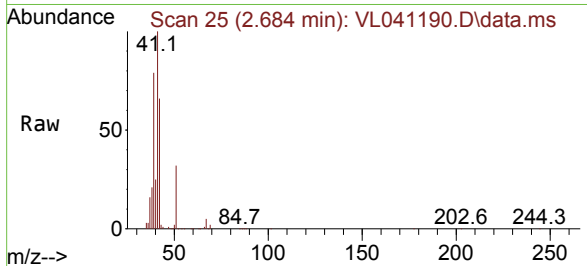




#9
 Propene
 Concen: 8.918 ppbv
 RT: 2.684 min Scan# 21
 Delta R.T. -0.010 min
 Lab File: VL041190.D
 Acq: 2 May 2024 10:44

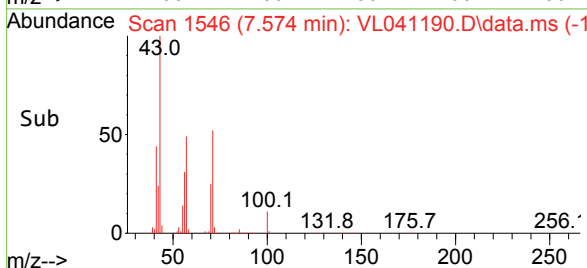
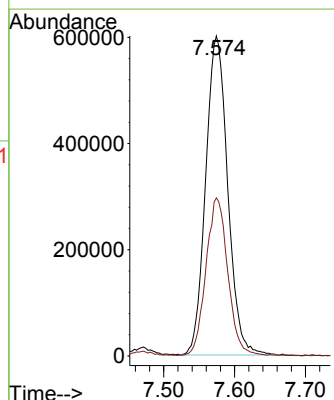
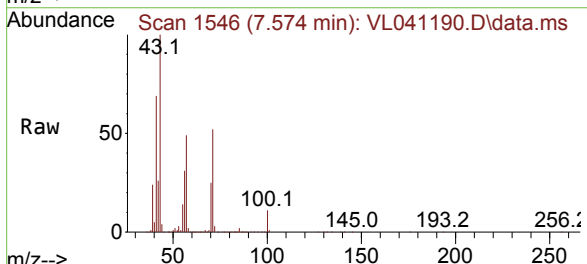
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0502ABS01

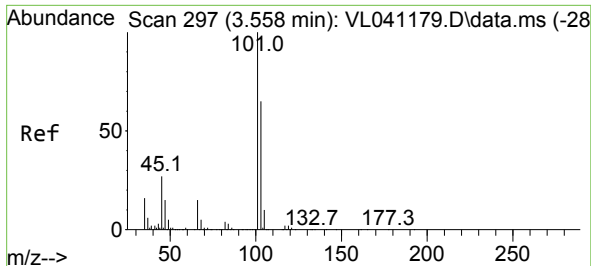
Tgt Ion: 41 Resp: 527334
 Ion Ratio Lower Upper
 41 100
 42 70.3 55.3 82.9



#10
 Heptane
 Concen: 9.079 ppbv
 RT: 7.574 min Scan# 1546
 Delta R.T. -0.006 min
 Lab File: VL041190.D
 Acq: 2 May 2024 10:44

Tgt Ion: 43 Resp: 1300646
 Ion Ratio Lower Upper
 43 100
 57 48.8 38.7 58.1





#11

Trichlorofluoromethane

Concen: 9.835 ppbv

RT: 3.552 min Scan# 297

Delta R.T. -0.006 min

Lab File: VL041190.D

Acq: 2 May 2024 10:44

Instrument :

MSVOA_L

ClientSampleId :

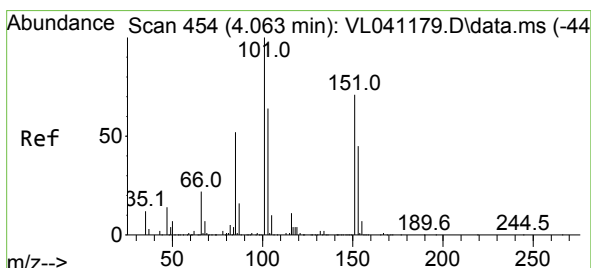
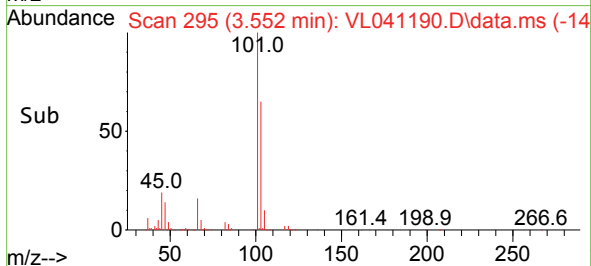
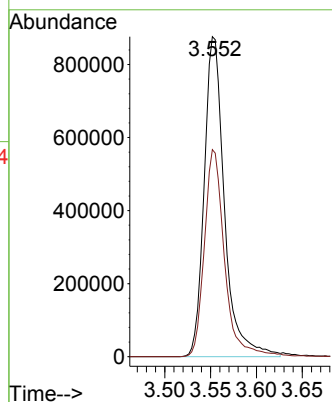
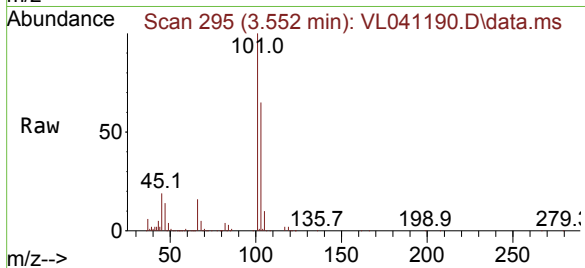
VL0502ABS01

Tgt Ion:101 Resp: 1345103

Ion Ratio Lower Upper

101 100

103 64.7 51.6 77.4



#12

1,1,2-Trichlorotrifluoroethane

Concen: 9.692 ppbv

RT: 4.060 min Scan# 453

Delta R.T. -0.003 min

Lab File: VL041190.D

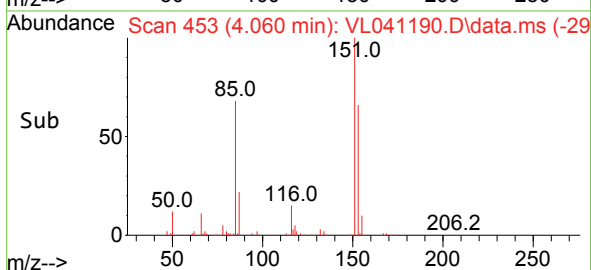
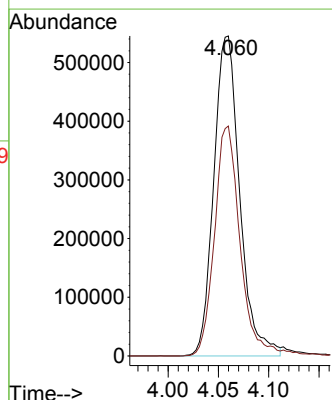
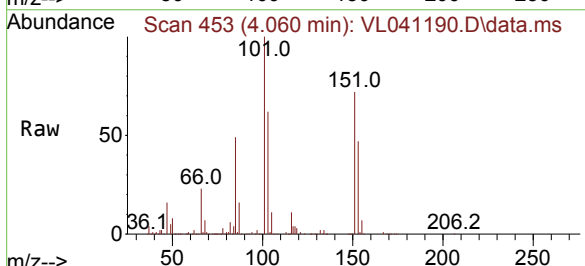
Acq: 2 May 2024 10:44

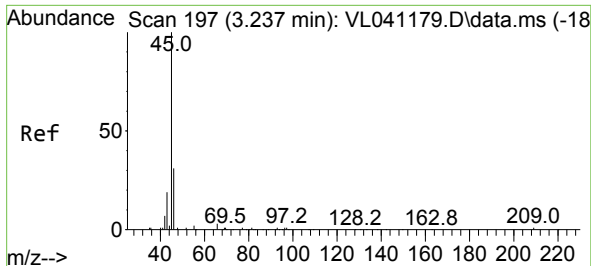
Tgt Ion:101 Resp: 980225

Ion Ratio Lower Upper

101 100

151 71.7 56.8 85.2

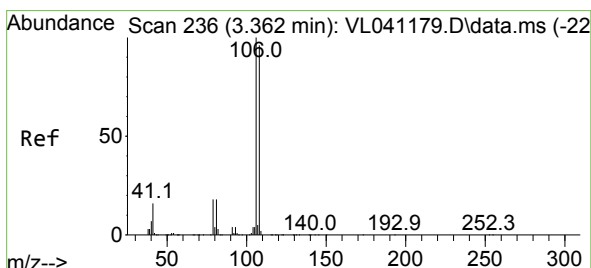
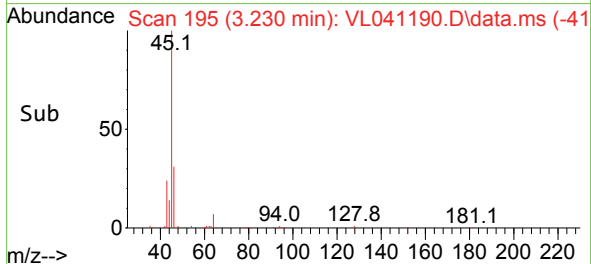
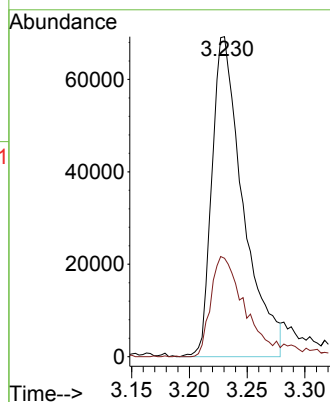
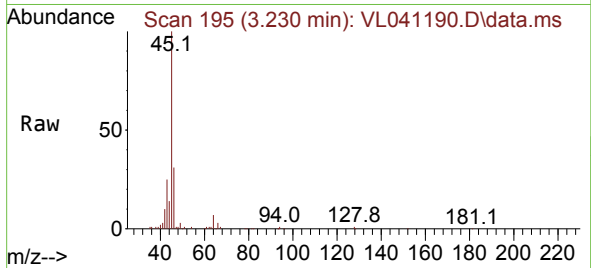




#13
Ethanol
Concen: 9.788 ppbv
RT: 3.230 min Scan# 197
Delta R.T. -0.006 min
Lab File: VL041190.D
Acq: 2 May 2024 10:44

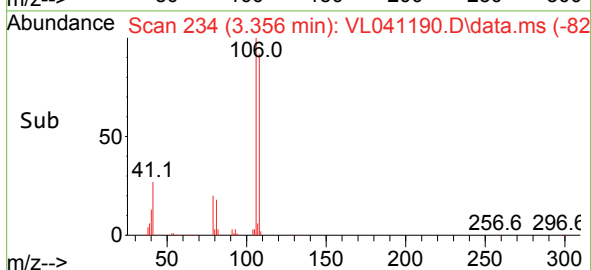
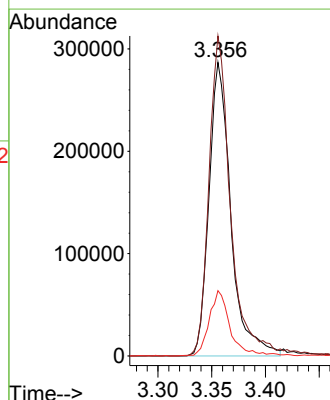
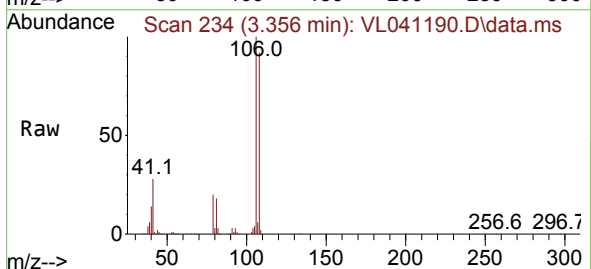
Instrument :
MSVOA_L
ClientSampleId :
VL0502ABS01

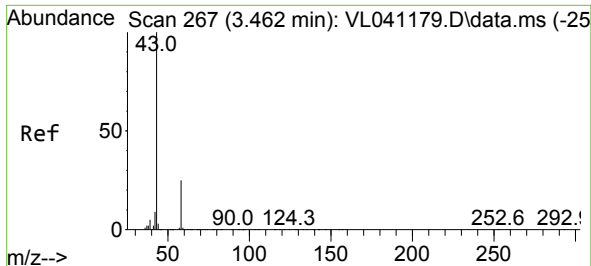
Tgt Ion: 45 Resp: 129735
Ion Ratio Lower Upper
45 100
46 38.1 14.8 59.0



#14
Bromoethene
Concen: 9.738 ppbv
RT: 3.356 min Scan# 234
Delta R.T. -0.010 min
Lab File: VL041190.D
Acq: 2 May 2024 10:44

Tgt Ion:108 Resp: 406444
Ion Ratio Lower Upper
108 100
106 109.8 88.2 132.4
79 21.6 17.4 26.0





#15

Acetone

Concen: 8.800 ppbv

RT: 3.459 min Scan# 2

Delta R.T. -0.006 min

Lab File: VL041190.D

Acq: 2 May 2024 10:44

Instrument :

MSVOA_L

ClientSampleId :

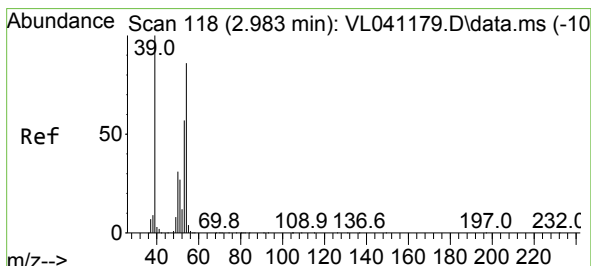
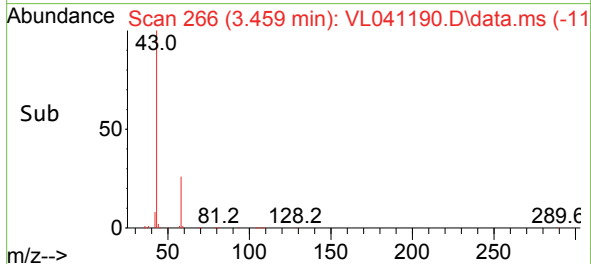
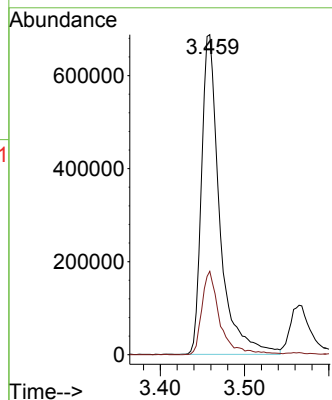
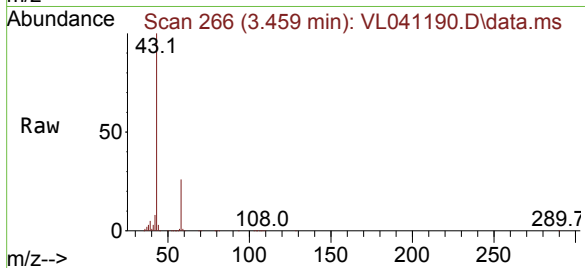
VL0502ABS01

Tgt Ion: 43 Resp: 1033194

Ion Ratio Lower Upper

43 100

58 26.1 21.4 32.0



#16

1,3-Butadiene

Concen: 9.642 ppbv

RT: 2.973 min Scan# 115

Delta R.T. -0.010 min

Lab File: VL041190.D

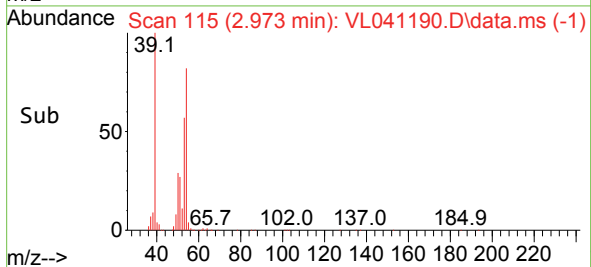
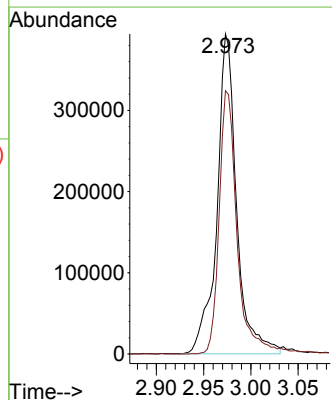
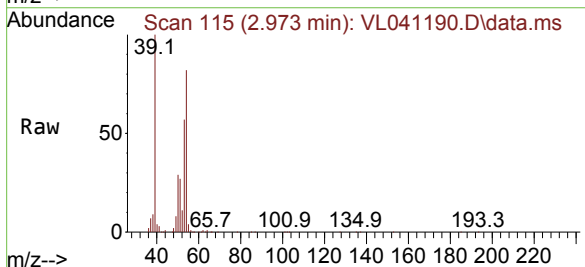
Acq: 2 May 2024 10:44

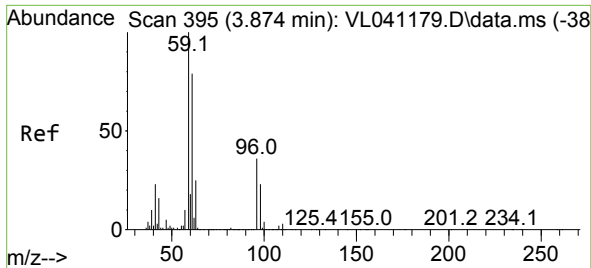
Tgt Ion: 39 Resp: 571438

Ion Ratio Lower Upper

39 100

54 76.2 62.2 93.4





#17

tert-Butyl alcohol

Concen: 9.542 ppbv

RT: 3.867 min Scan# 393

Delta R.T. -0.006 min

Lab File: VL041190.D

Acq: 2 May 2024 10:44

Instrument :

MSVOA_L

ClientSampleId :

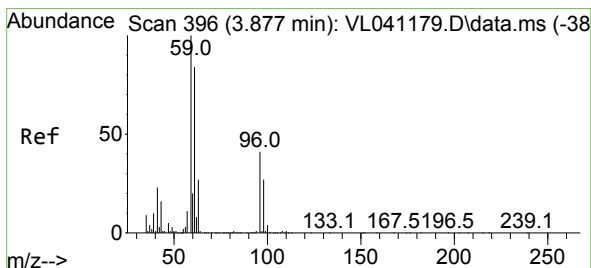
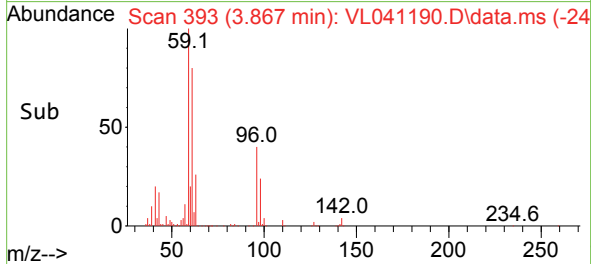
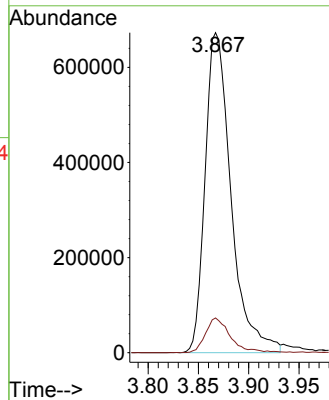
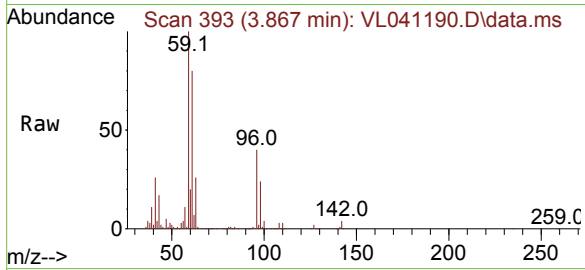
VL0502ABS01

Tgt Ion: 59 Resp: 1208491

Ion Ratio Lower Upper

59 100

57 10.6 8.4 12.6



#18

1,1-Dichloroethene

Concen: 9.908 ppbv

RT: 3.873 min Scan# 395

Delta R.T. -0.003 min

Lab File: VL041190.D

Acq: 2 May 2024 10:44

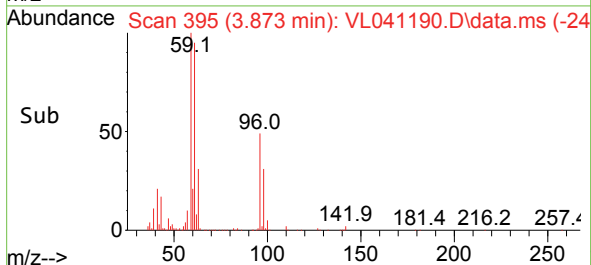
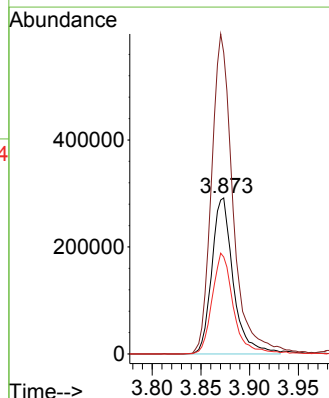
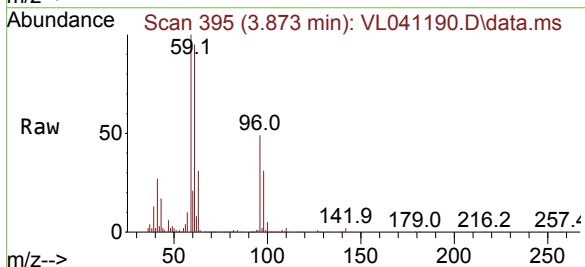
Tgt Ion: 96 Resp: 446772

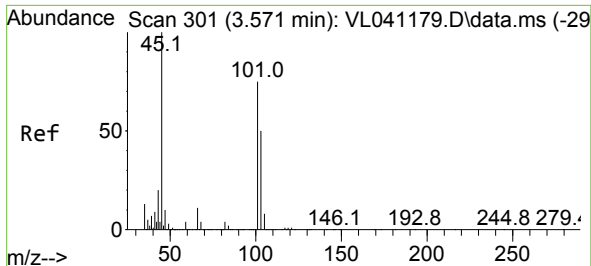
Ion Ratio Lower Upper

96 100

61 193.1 164.4 246.6

98 62.1 51.8 77.8

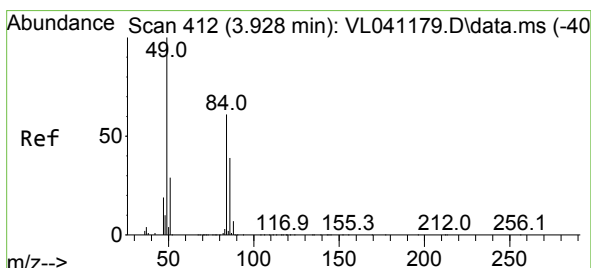
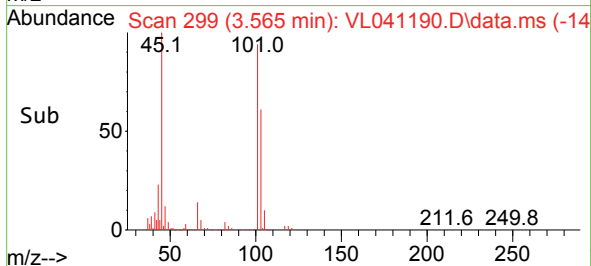
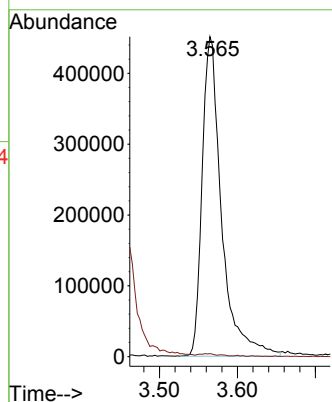
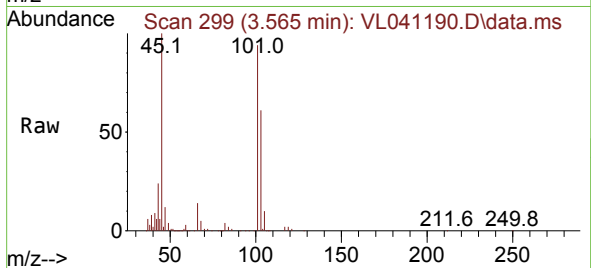




#19
Isopropyl Alcohol
Concen: 10.113 ppbv
RT: 3.565 min Scan# 299
Delta R.T. -0.006 min
Lab File: VL041190.D
Acq: 2 May 2024 10:44

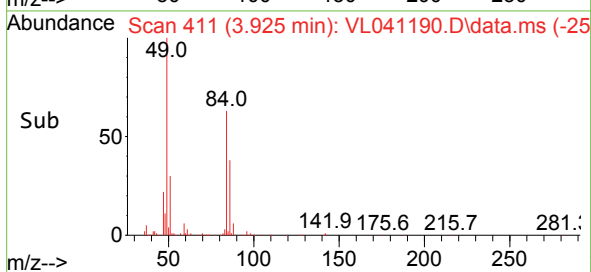
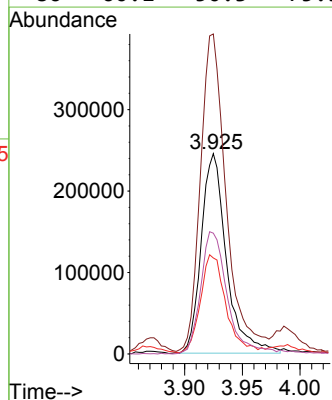
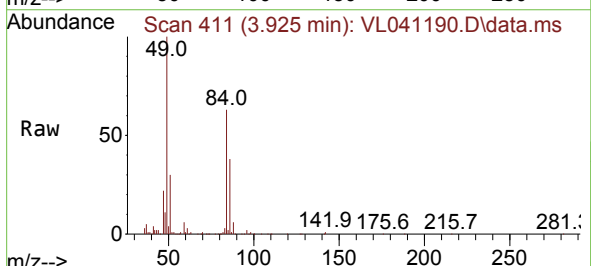
Instrument :
MSVOA_L
ClientSampleId :
VL0502ABS01

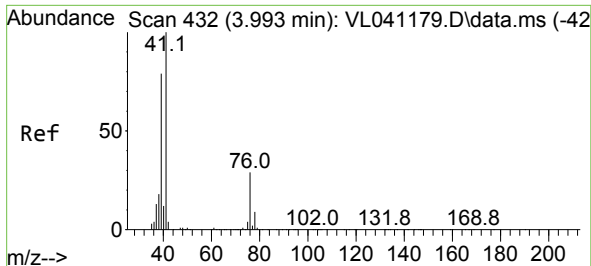
Tgt Ion: 45 Resp: 779107
Ion Ratio Lower Upper
45 100
58 1.1 26.8 40.2#



#20
Methylene Chloride
Concen: 9.133 ppbv
RT: 3.925 min Scan# 411
Delta R.T. -0.006 min
Lab File: VL041190.D
Acq: 2 May 2024 10:44

Tgt Ion: 84 Resp: 372900
Ion Ratio Lower Upper
84 100
49 158.2 130.4 195.6
51 47.4 38.0 57.0
86 60.1 50.3 75.5





#21

Allyl Chloride

Concen: 9.611 ppbv

RT: 3.986 min Scan# 41

Delta R.T. -0.010 min

Lab File: VL041190.D

Acq: 2 May 2024 10:44

Instrument :

MSVOA_L

ClientSampleId :

VL0502ABS01

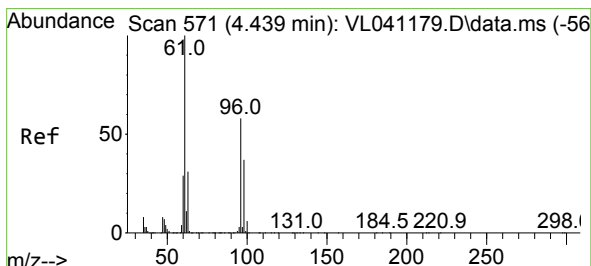
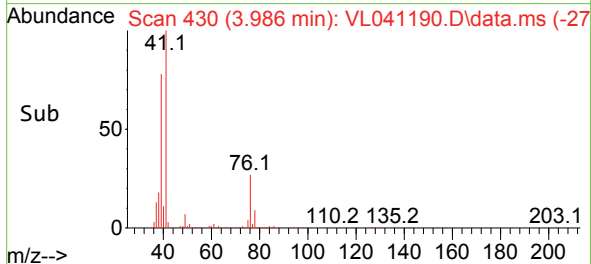
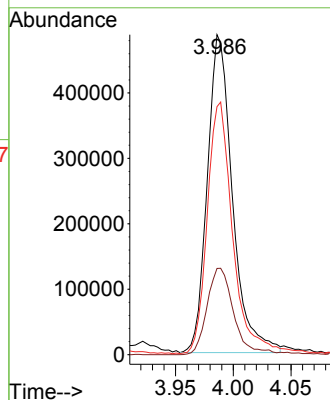
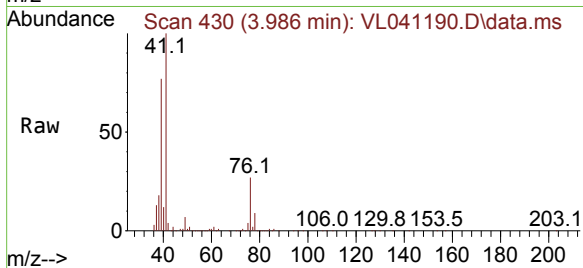
Tgt Ion: 41 Resp: 735747

Ion Ratio Lower Upper

41 100

76 29.3 23.7 35.5

39 80.5 64.7 97.1



#22

trans-1,2-Dichloroethene

Concen: 10.020 ppbv

RT: 4.436 min Scan# 570

Delta R.T. -0.006 min

Lab File: VL041190.D

Acq: 2 May 2024 10:44

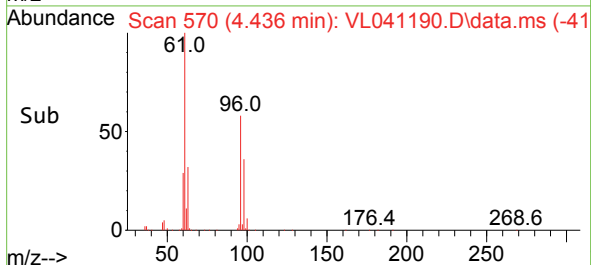
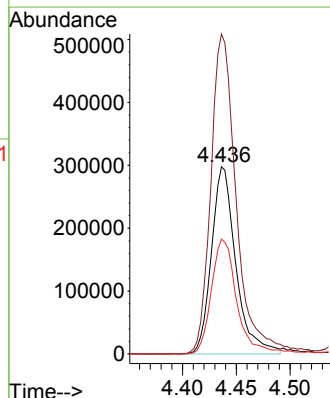
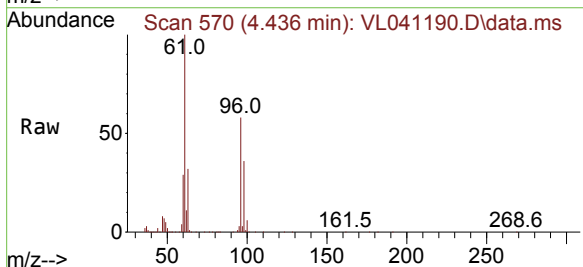
Tgt Ion: 96 Resp: 469912

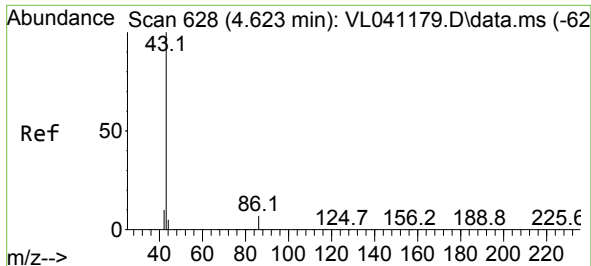
Ion Ratio Lower Upper

96 100

61 171.0 137.6 206.4

98 61.3 50.6 76.0



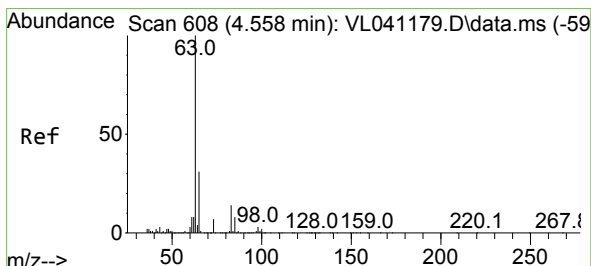
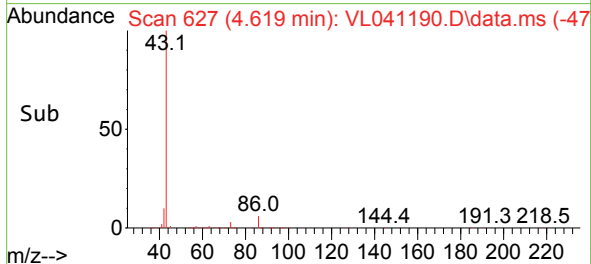
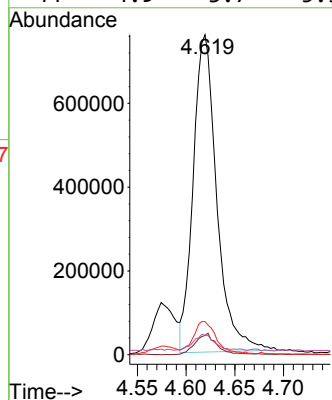
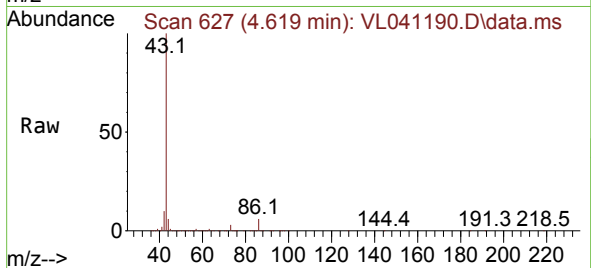


#23
 Vinyl Acetate
 Concen: 9.880 ppbv
 RT: 4.619 min Scan# 61
 Delta R.T. -0.006 min
 Lab File: VL041190.D
 Acq: 2 May 2024 10:44

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0502ABS01

Tgt Ion: 43 Resp: 1277360

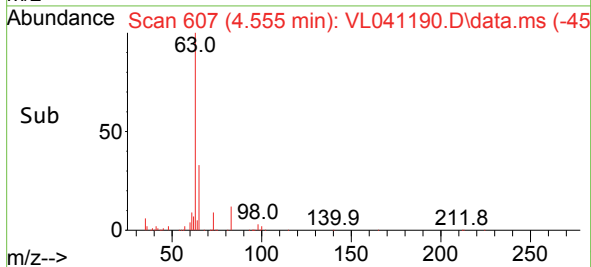
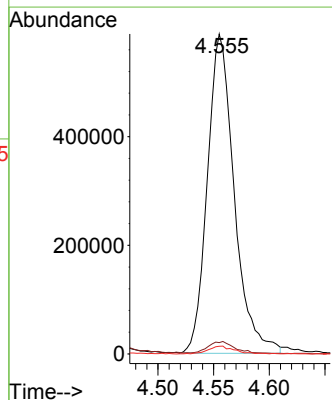
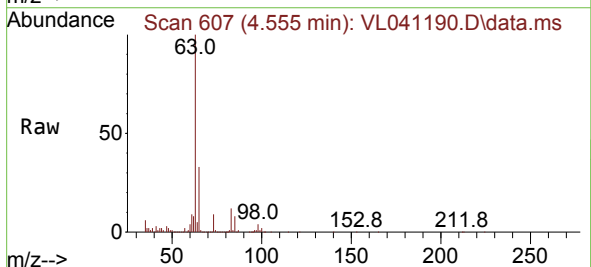
Ion	Ratio	Lower	Upper
43	100		
86	5.9	4.9	7.3
42	10.3	8.0	12.0
44	4.9	3.7	5.5

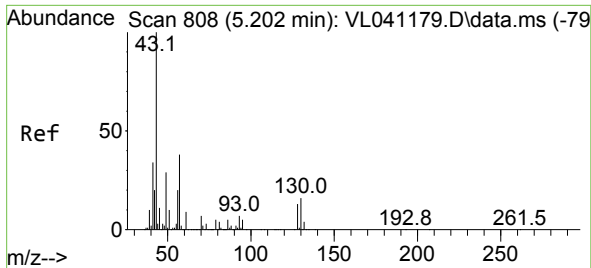


#24
 1,1-Dichloroethane
 Concen: 9.816 ppbv
 RT: 4.555 min Scan# 607
 Delta R.T. -0.006 min
 Lab File: VL041190.D
 Acq: 2 May 2024 10:44

Tgt Ion: 63 Resp: 986795

Ion	Ratio	Lower	Upper
63	100		
98	3.4	1.6	4.8
100	2.4	1.1	3.5



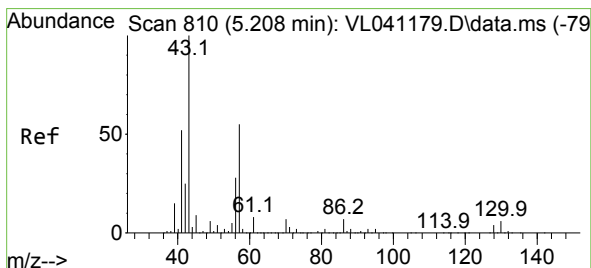
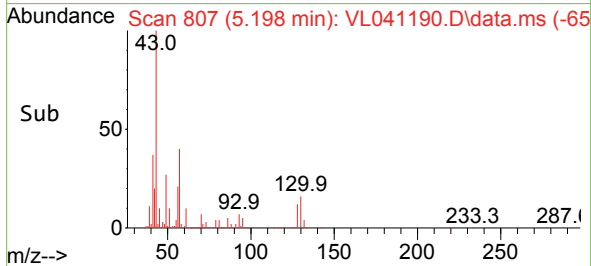
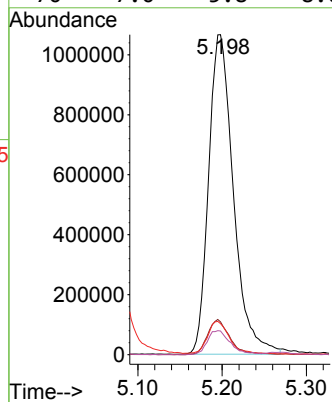
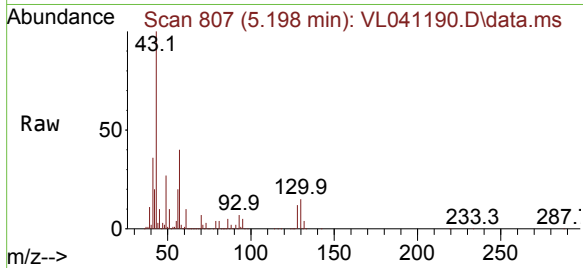


#25
Ethyl Acetate
Concen: 9.301 ppbv
RT: 5.198 min Scan# 808
Delta R.T. -0.003 min
Lab File: VL041190.D
Acq: 2 May 2024 10:44

Instrument :
MSVOA_L
ClientSampleId :
VL0502ABS01

Tgt Ion: 43 Resp: 2179564

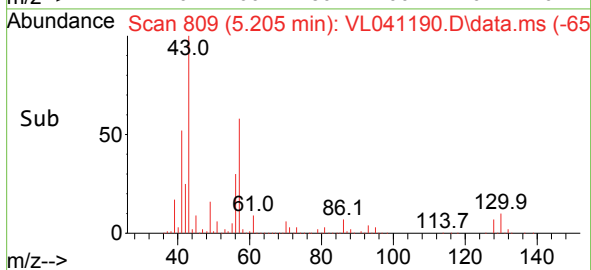
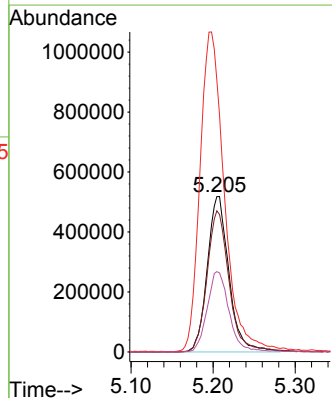
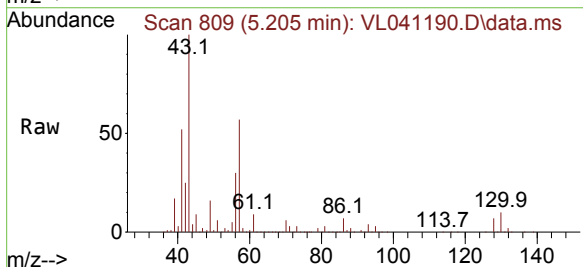
Ion	Ratio	Lower	Upper
43	100		
45	10.1	8.2	12.2
61	9.7	7.7	11.5
70	7.0	5.8	8.6

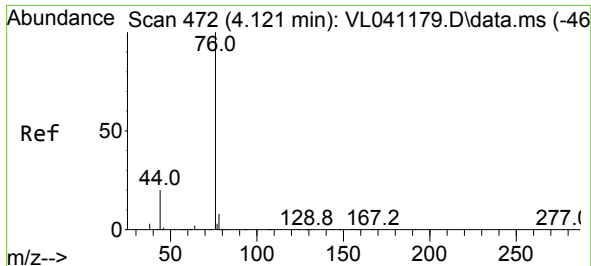


#26
Hexane
Concen: 9.106 ppbv
RT: 5.205 min Scan# 809
Delta R.T. -0.006 min
Lab File: VL041190.D
Acq: 2 May 2024 10:44

Tgt Ion: 57 Resp: 952256

Ion	Ratio	Lower	Upper
57	100		
41	93.1	75.8	113.8
43	232.6	187.0	280.4
56	52.8	42.7	64.1

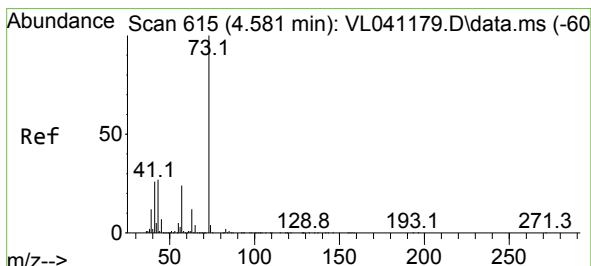
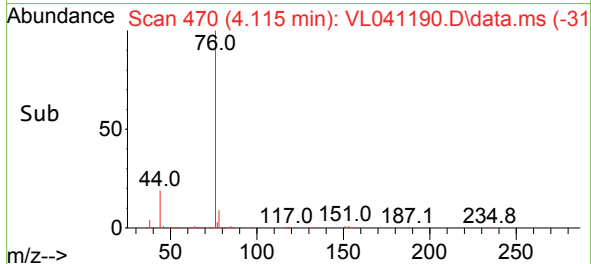
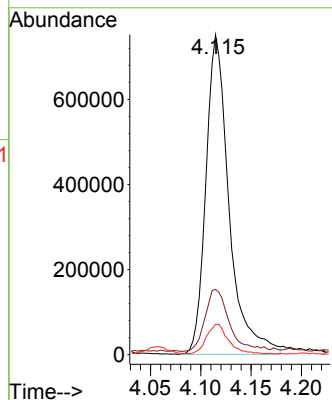
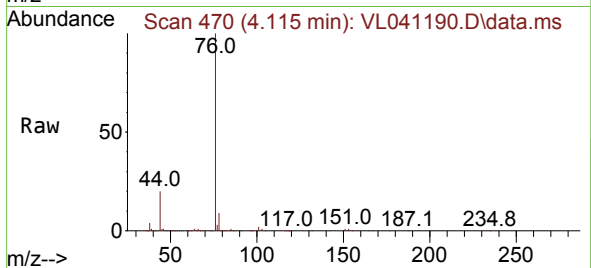




#27
Carbon Disulfide
Concen: 9.736 ppbv
RT: 4.115 min Scan# 41
Delta R.T. -0.006 min
Lab File: VL041190.D
Acq: 2 May 2024 10:44

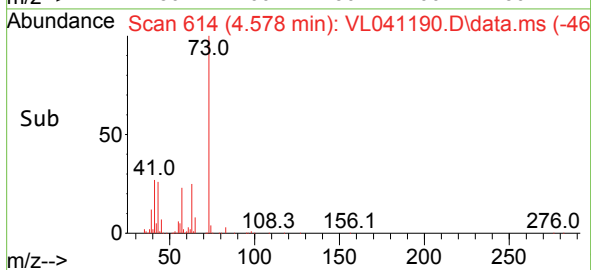
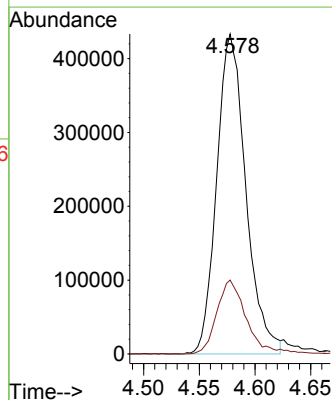
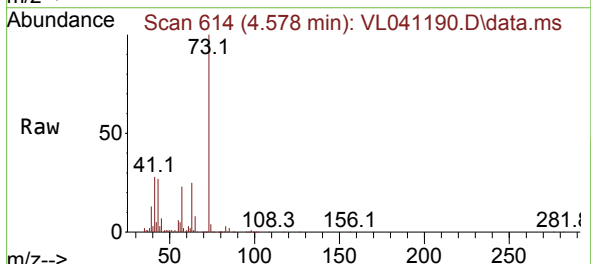
Instrument :
MSVOA_L
ClientSampleId :
VL0502ABS01

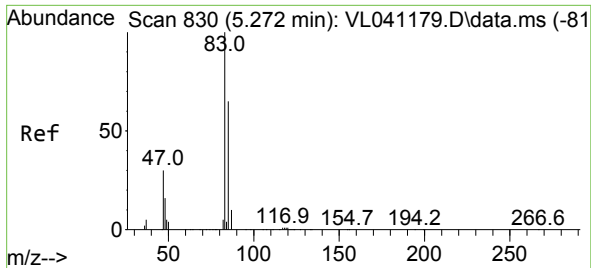
Tgt Ion: 76 Resp: 1205226
Ion Ratio Lower Upper
76 100
44 21.0 16.3 24.5
78 9.5 7.3 10.9



#28
Methyl tert-Butyl Ether
Concen: 9.463 ppbv
RT: 4.578 min Scan# 614
Delta R.T. -0.006 min
Lab File: VL041190.D
Acq: 2 May 2024 10:44

Tgt Ion: 73 Resp: 788003
Ion Ratio Lower Upper
73 100
57 23.8 18.8 28.2





#29

Chloroform

Concen: 9.568 ppbv

RT: 5.269 min Scan# 81

Delta R.T. -0.003 min

Lab File: VL041190.D

Acq: 2 May 2024 10:44

Instrument :

MSVOA_L

ClientSampleId :

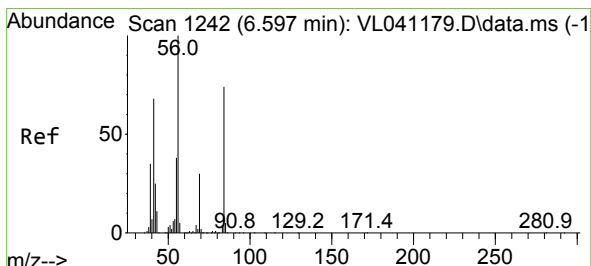
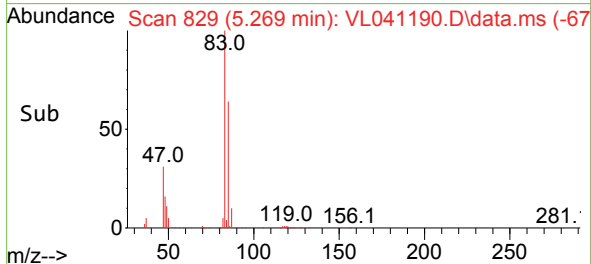
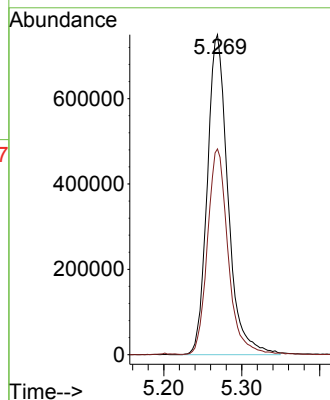
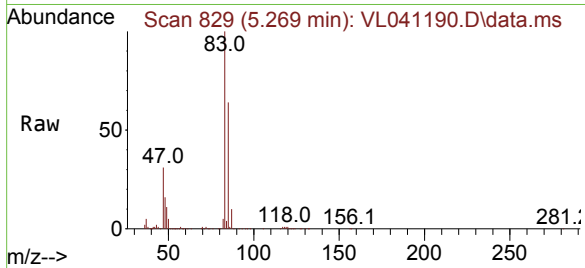
VL0502ABS01

Tgt Ion: 83 Resp: 1380380

Ion Ratio Lower Upper

83 100

85 64.2 51.7 77.5



#30

Cyclohexane

Concen: 9.291 ppbv

RT: 6.594 min Scan# 1241

Delta R.T. -0.006 min

Lab File: VL041190.D

Acq: 2 May 2024 10:44

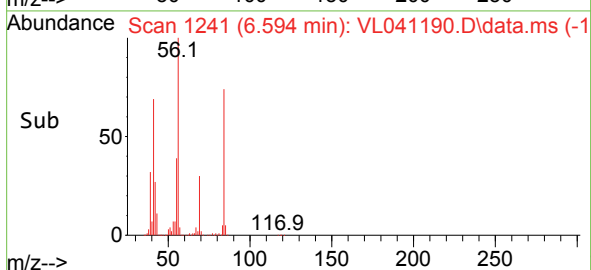
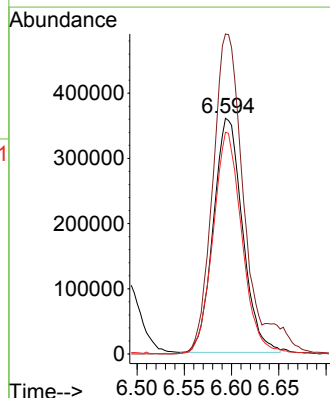
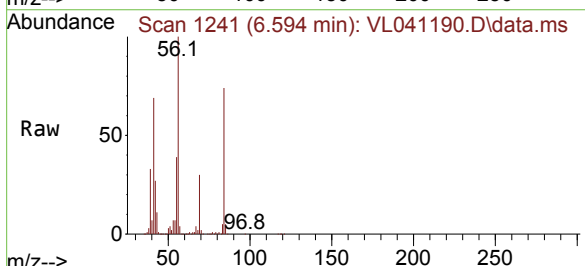
Tgt Ion: 84 Resp: 769111

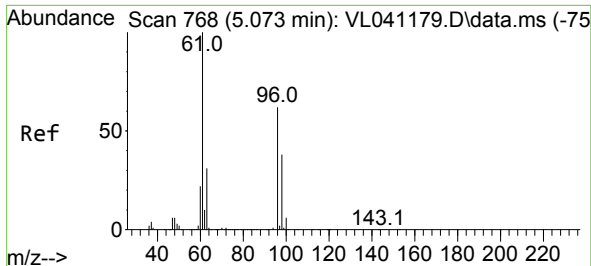
Ion Ratio Lower Upper

84 100

56 149.2 116.8 175.2

41 94.1 73.8 110.8

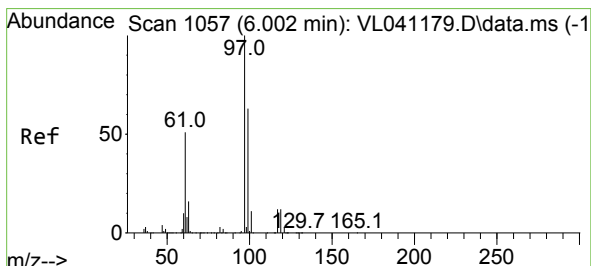
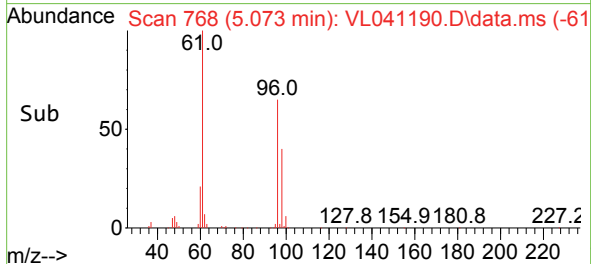
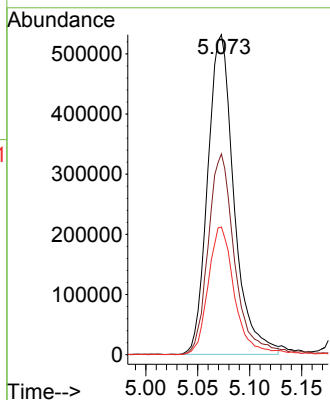
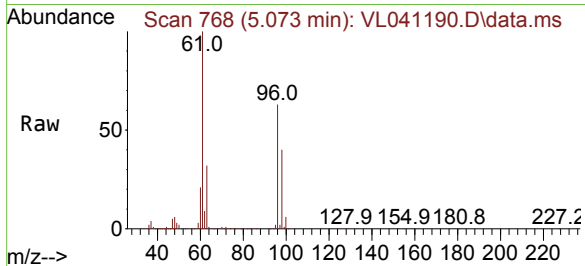




#31
 cis-1,2-Dichloroethene
 Concen: 9.573 ppbv
 RT: 5.073 min Scan# 768
 Delta R.T. -0.003 min
 Lab File: VL041190.D
 Acq: 2 May 2024 10:44

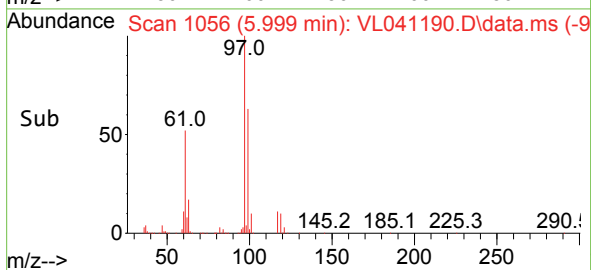
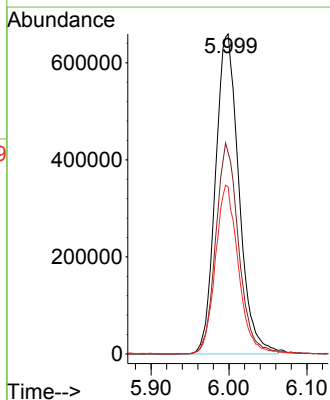
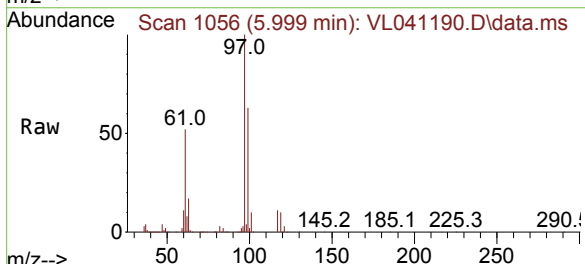
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0502ABS01

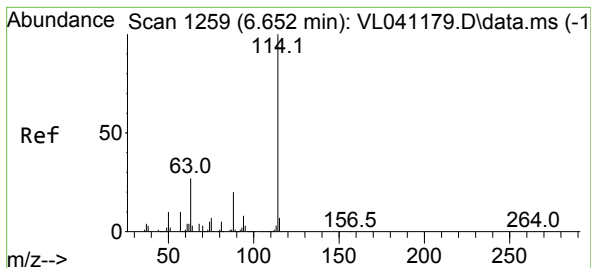
Tgt Ion: 61 Resp: 937251
 Ion Ratio Lower Upper
 61 100
 96 62.8 49.8 74.6
 98 39.9 30.0 45.0



#32
 1,1,1-Trichloroethane
 Concen: 9.582 ppbv
 RT: 5.999 min Scan# 1056
 Delta R.T. -0.003 min
 Lab File: VL041190.D
 Acq: 2 May 2024 10:44

Tgt Ion: 97 Resp: 1379315
 Ion Ratio Lower Upper
 97 100
 99 64.6 51.7 77.5
 61 52.3 41.1 61.7





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.648 min Scan# 11

Delta R.T. -0.003 min

Lab File: VL041190.D

Acq: 2 May 2024 10:44

Instrument :

MSVOA_L

ClientSampleId :

VL0502ABS01

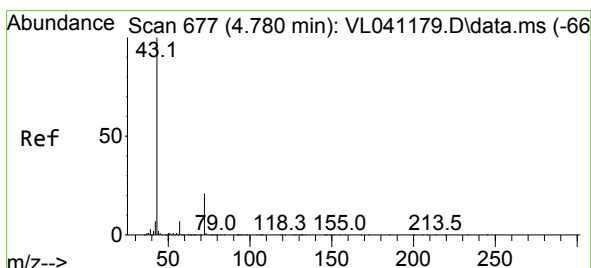
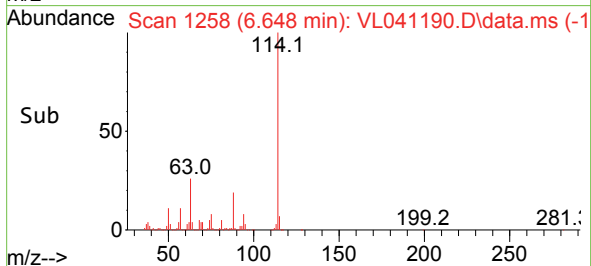
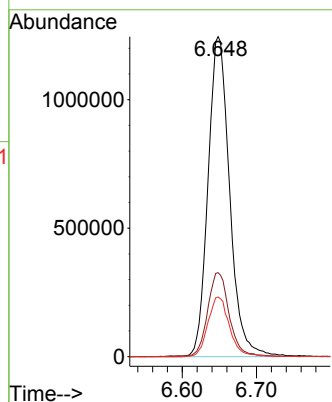
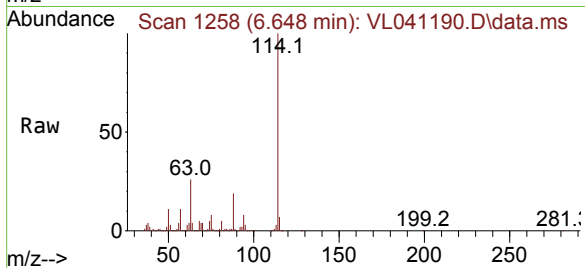
Tgt Ion:114 Resp: 2514703

Ion Ratio Lower Upper

114 100

63 26.7 21.8 32.6

88 18.7 15.2 22.8



#34

2-Butanone

Concen: 8.618 ppbv

RT: 4.777 min Scan# 676

Delta R.T. -0.006 min

Lab File: VL041190.D

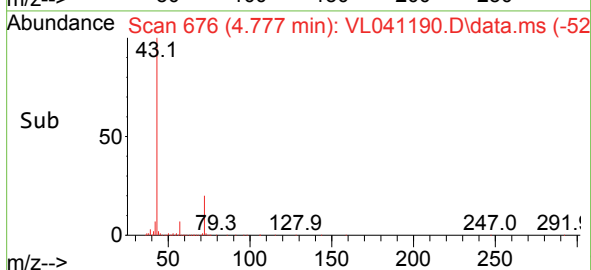
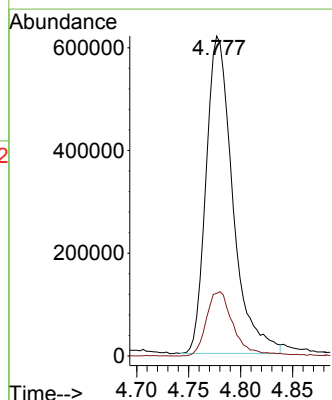
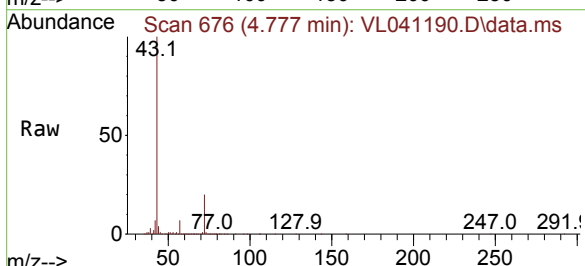
Acq: 2 May 2024 10:44

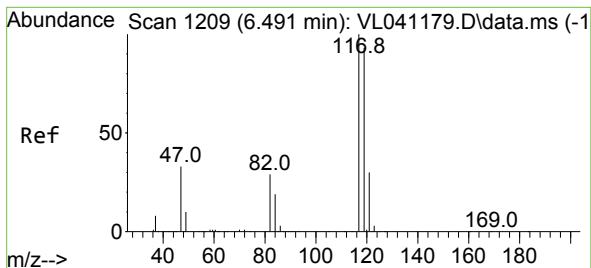
Tgt Ion: 43 Resp: 1103014

Ion Ratio Lower Upper

43 100

72 21.2 17.3 25.9





#35

Carbon Tetrachloride

Concen: 9.765 ppbv

RT: 6.487 min Scan# 117

Delta R.T. -0.003 min

Lab File: VL041190.D

Acq: 2 May 2024 10:44

Instrument :

MSVOA_L

ClientSampleId :

VL0502ABS01

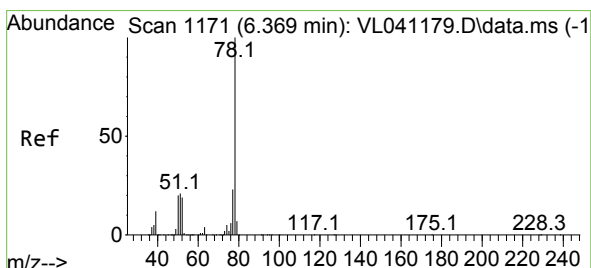
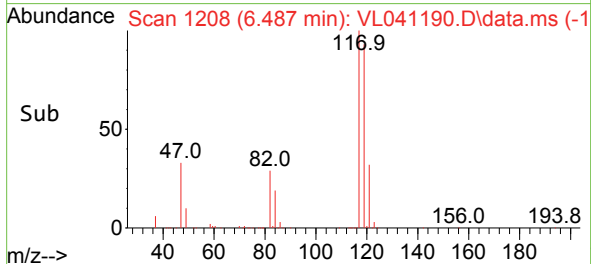
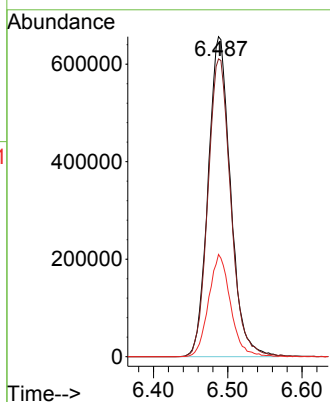
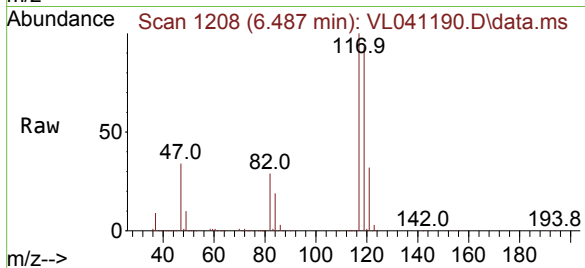
Tgt Ion:117 Resp: 1378116

Ion Ratio Lower Upper

117 100

119 93.0 74.3 111.5

121 31.9 23.8 35.8



#36

Benzene

Concen: 9.239 ppbv

RT: 6.365 min Scan# 1170

Delta R.T. -0.003 min

Lab File: VL041190.D

Acq: 2 May 2024 10:44

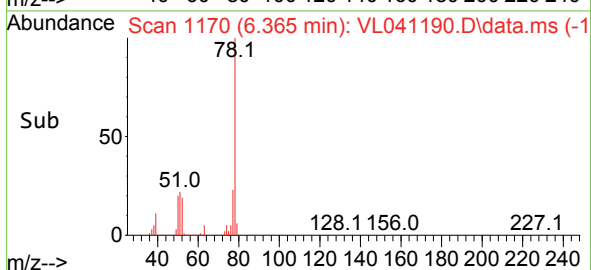
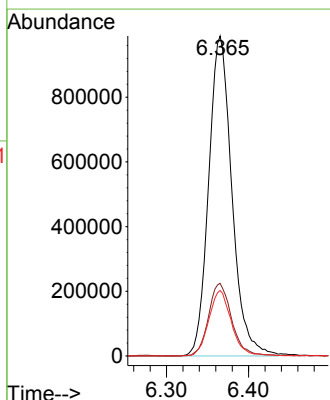
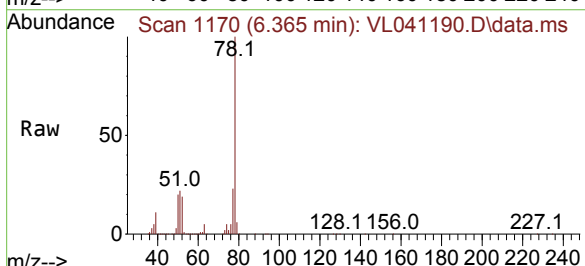
Tgt Ion: 78 Resp: 1949705

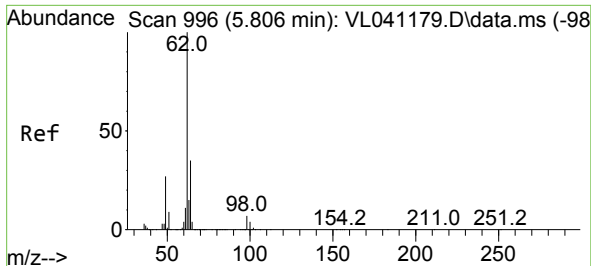
Ion Ratio Lower Upper

78 100

77 22.7 18.3 27.5

50 20.4 15.9 23.9

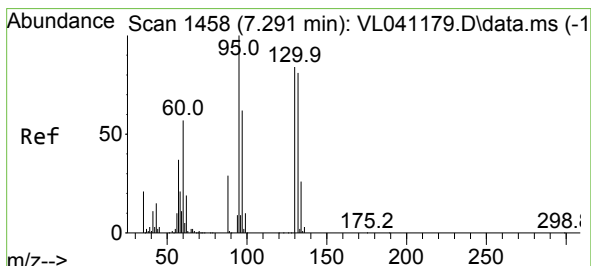
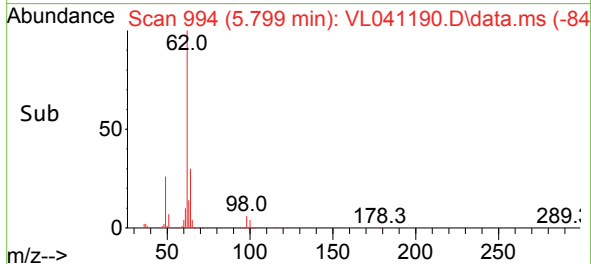
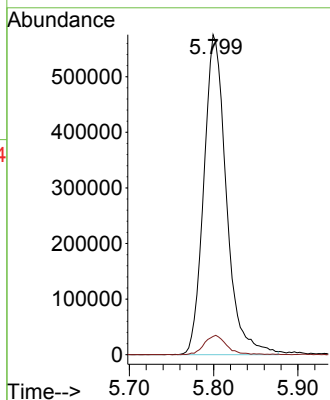
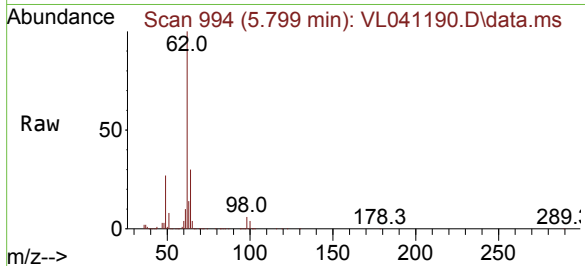




#37
1,2-Dichloroethane
Concen: 9.738 ppbv
RT: 5.799 min Scan# 996
Delta R.T. -0.006 min
Lab File: VL041190.D
Acq: 2 May 2024 10:44

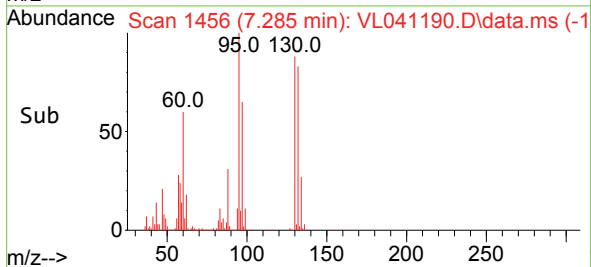
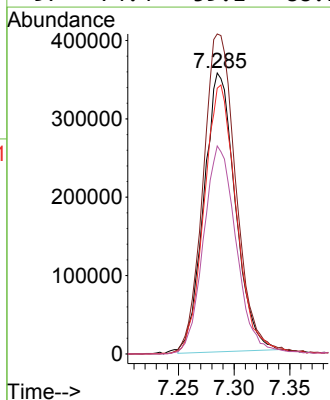
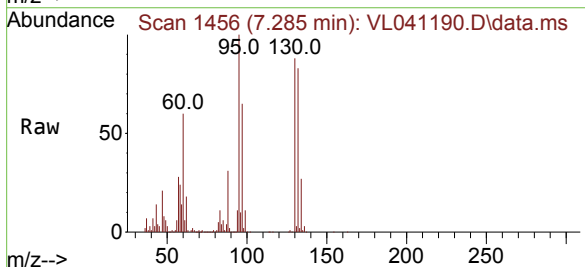
Instrument :
MSVOA_L
ClientSampleId :
VL0502ABS01

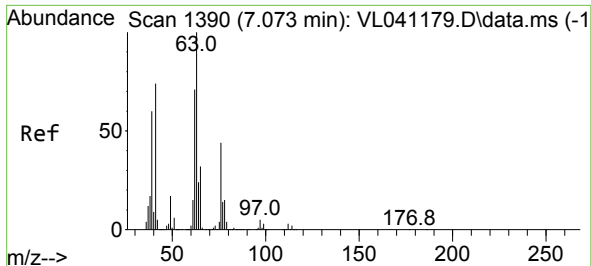
Tgt Ion: 62 Resp: 1072252
Ion Ratio Lower Upper
62 100
98 6.1 5.0 7.4



#38
Trichloroethene
Concen: 8.889 ppbv
RT: 7.285 min Scan# 1456
Delta R.T. -0.003 min
Lab File: VL041190.D
Acq: 2 May 2024 10:44

Tgt Ion:130 Resp: 699042
Ion Ratio Lower Upper
130 100
95 114.1 95.0 142.6
132 94.9 77.0 115.4
97 74.4 59.1 88.7





#39

1,2-Dichloropropane

Concen: 9.418 ppbv

RT: 7.069 min Scan# 11

Delta R.T. -0.003 min

Lab File: VL041190.D

Acq: 2 May 2024 10:44

Instrument :

MSVOA_L

ClientSampleId :

VL0502ABS01

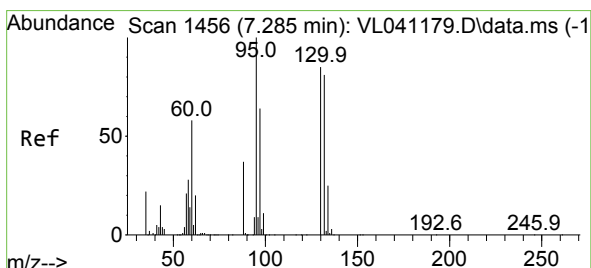
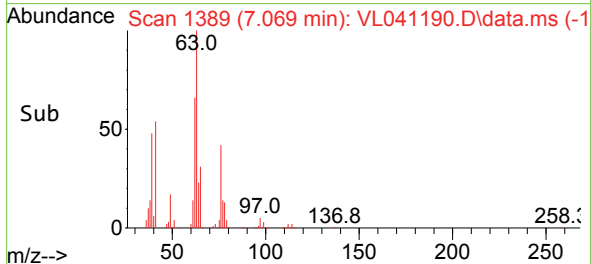
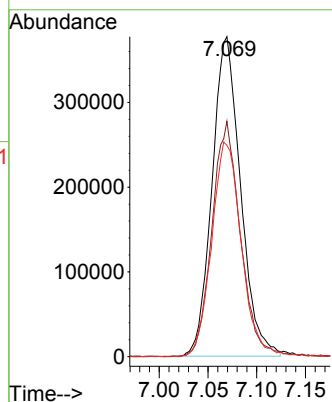
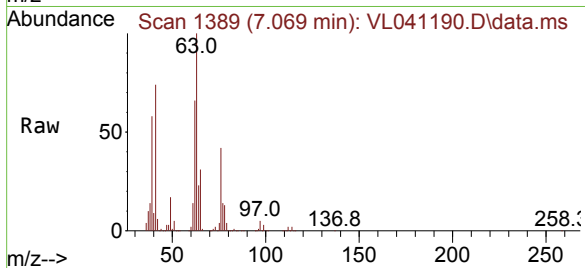
Tgt Ion: 63 Resp: 765945

Ion Ratio Lower Upper

63 100

41 73.5 59.4 89.0

62 66.1 56.8 85.2



#40

1,4-Dioxane

Concen: 10.487 ppbv

RT: 7.278 min Scan# 1454

Delta R.T. -0.003 min

Lab File: VL041190.D

Acq: 2 May 2024 10:44

Tgt Ion: 88 Resp: 304697

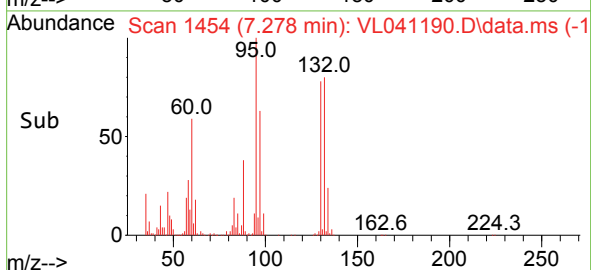
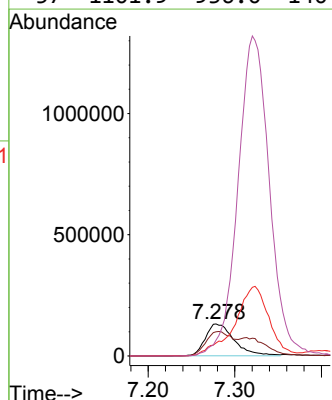
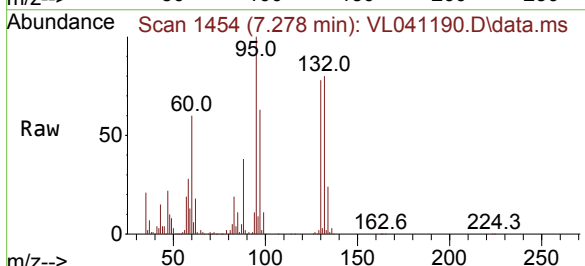
Ion Ratio Lower Upper

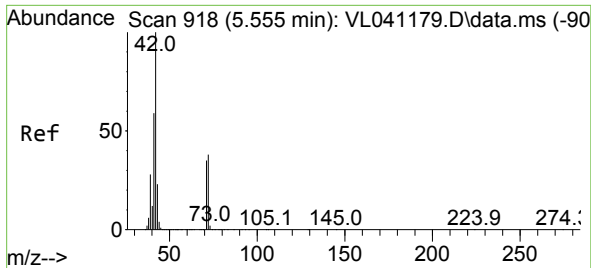
88 100

58 126.1 106.1 159.1

43 260.5 219.8 329.6

57 1101.9 936.0 1404.0

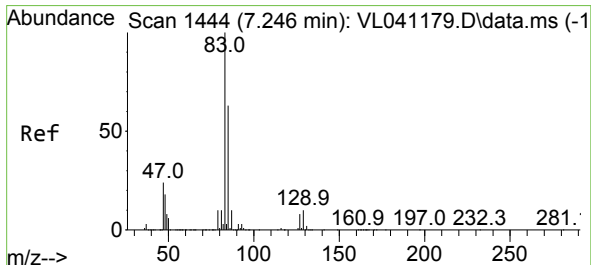
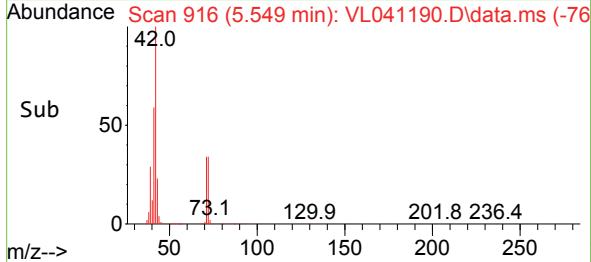
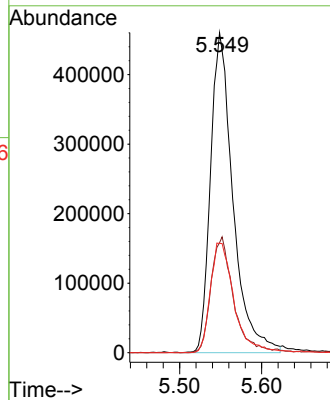
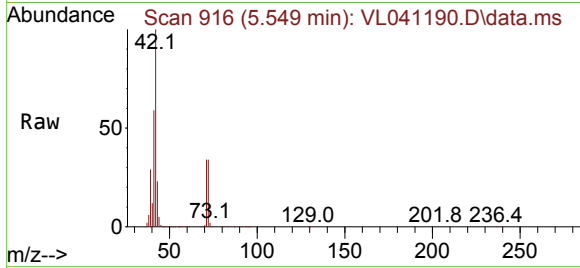




#41
Tetrahydrofuran
Concen: 9.440 ppbv
RT: 5.549 min Scan# 918
Delta R.T. -0.003 min
Lab File: VL041190.D
Acq: 2 May 2024 10:44

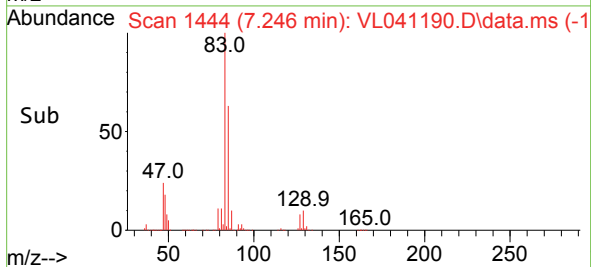
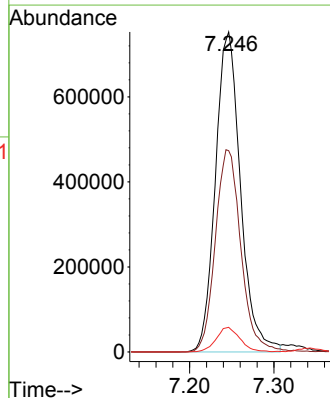
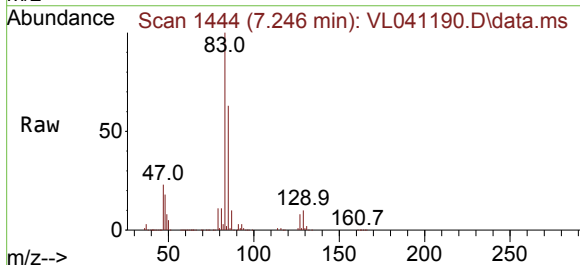
Instrument :
MSVOA_L
ClientSampleId :
VL0502ABS01

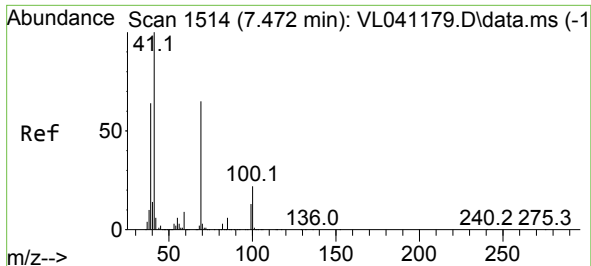
Tgt Ion: 42 Resp: 874636
Ion Ratio Lower Upper
42 100
72 36.9 29.4 44.0
71 36.6 29.1 43.7



#42
Bromodichloromethane
Concen: 9.847 ppbv
RT: 7.246 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VL041190.D
Acq: 2 May 2024 10:44

Tgt Ion: 83 Resp: 1554961
Ion Ratio Lower Upper
83 100
85 62.9 50.6 75.8
127 7.7 6.2 9.4

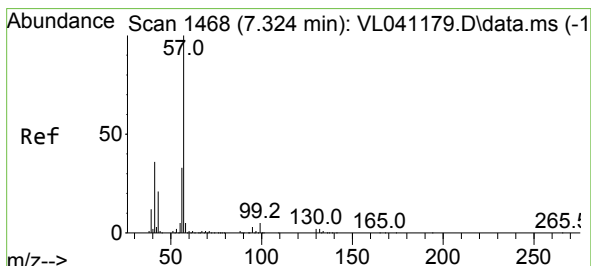
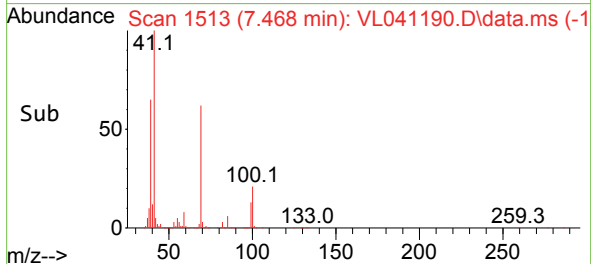
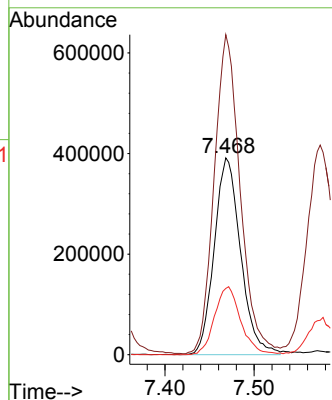
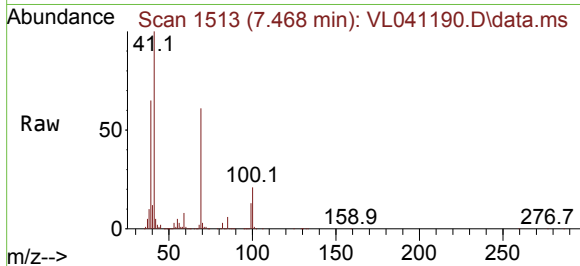




#43
Methyl Methacrylate
Concen: 9.432 ppbv
RT: 7.468 min Scan# 1513
Delta R.T. -0.003 min
Lab File: VL041190.D
Acq: 2 May 2024 10:44

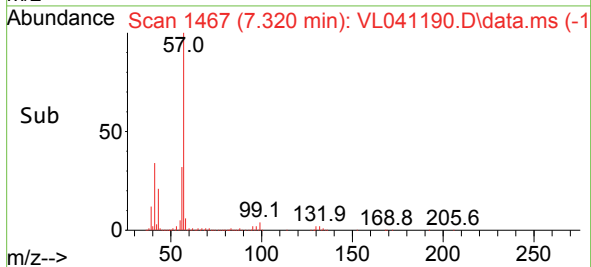
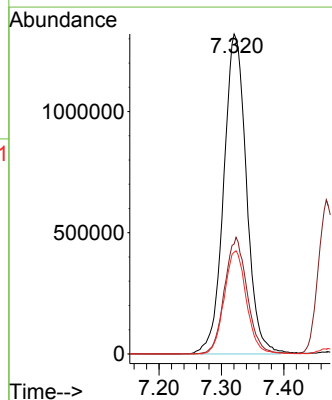
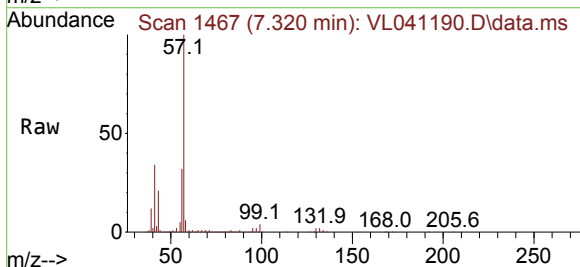
Instrument :
MSVOA_L
ClientSampleId :
VL0502ABS01

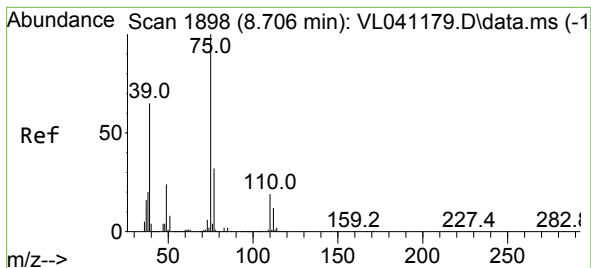
Tgt Ion: 69 Resp: 805026
Ion Ratio Lower Upper
69 100
41 160.3 125.2 187.8
100 34.3 26.7 40.1



#44
2,2,4-Trimethylpentane
Concen: 9.189 ppbv
RT: 7.320 min Scan# 1467
Delta R.T. -0.006 min
Lab File: VL041190.D
Acq: 2 May 2024 10:44

Tgt Ion: 57 Resp: 3343431
Ion Ratio Lower Upper
57 100
41 36.1 29.5 44.3
56 31.5 25.3 37.9





#45

t-1,3-Dichloropropene

Concen: 10.251 ppbv

RT: 8.706 min Scan# 1898

Delta R.T. -0.003 min

Lab File: VL041190.D

Acq: 2 May 2024 10:44

Instrument :

MSVOA_L

ClientSampleId :

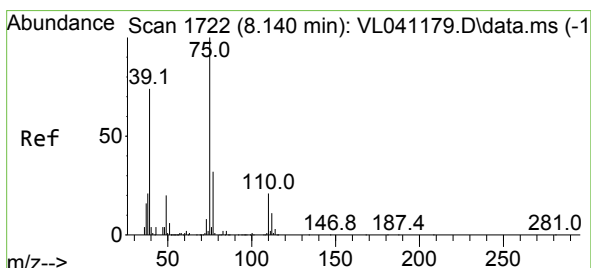
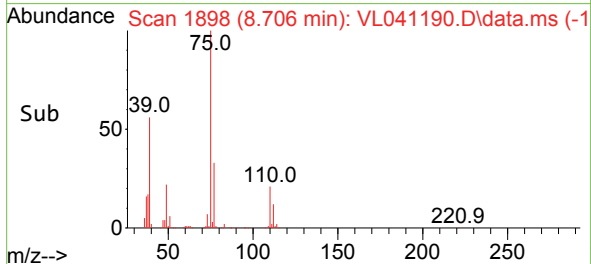
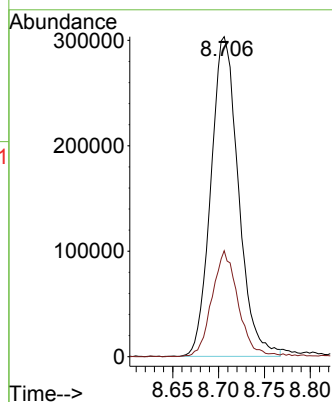
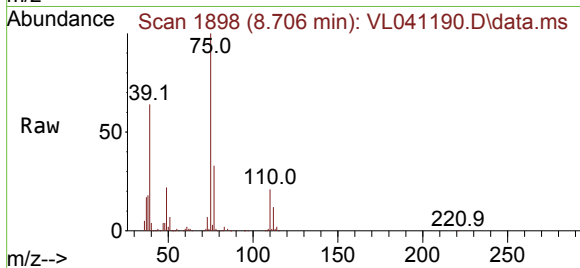
VL0502ABS01

Tgt Ion: 75 Resp: 634027

Ion Ratio Lower Upper

75 100

77 33.1 25.6 38.4



#46

cis-1,3-Dichloropropene

Concen: 9.911 ppbv

RT: 8.140 min Scan# 1722

Delta R.T. -0.000 min

Lab File: VL041190.D

Acq: 2 May 2024 10:44

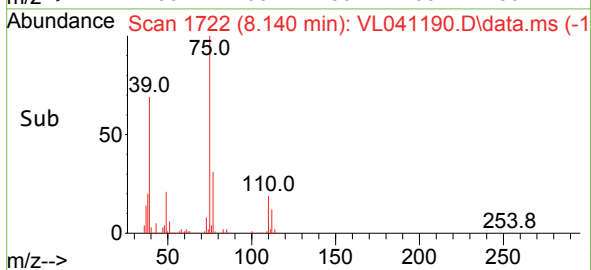
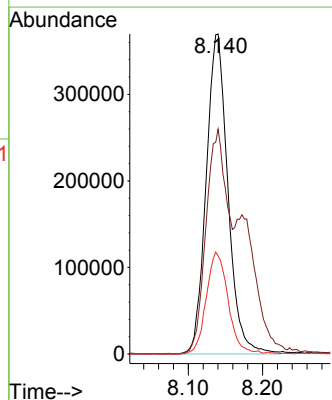
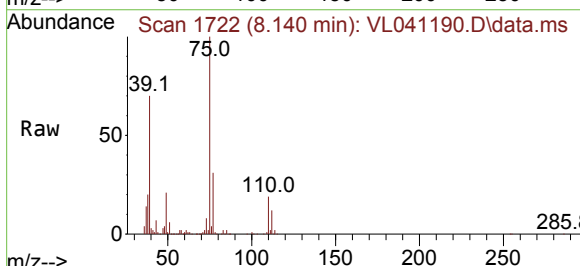
Tgt Ion: 75 Resp: 750513

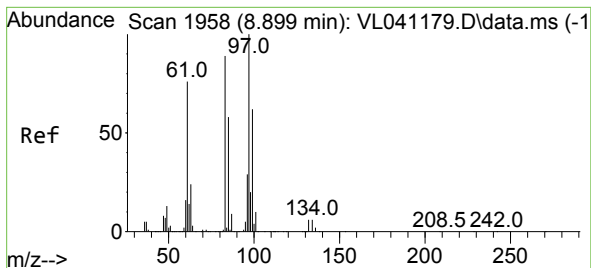
Ion Ratio Lower Upper

75 100

39 70.1 59.4 89.2

77 30.7 25.9 38.9





#47

1,1,2-Trichloroethane

Concen: 9.603 ppbv

RT: 8.892 min Scan# 1958

Delta R.T. -0.003 min

Lab File: VL041190.D

Acq: 2 May 2024 10:44

Instrument :

MSVOA_L

ClientSampleId :

VL0502ABS01

Tgt Ion: 97 Resp: 781722

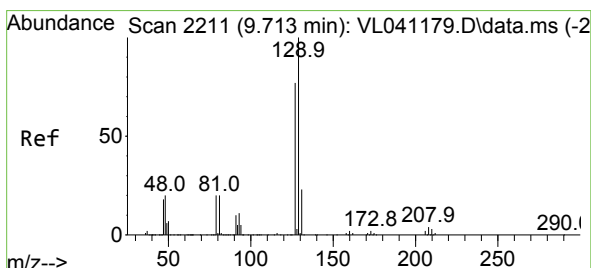
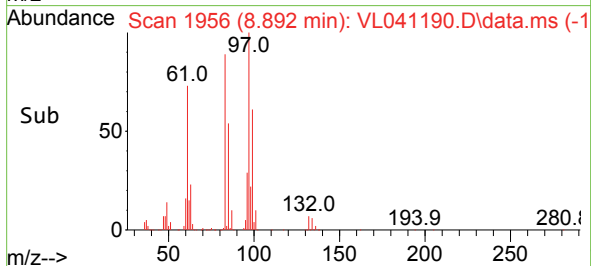
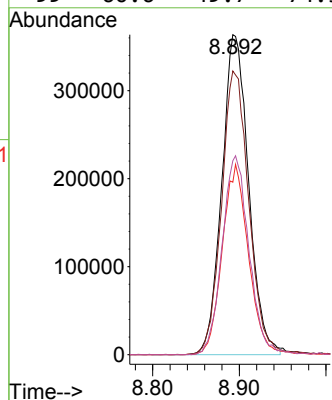
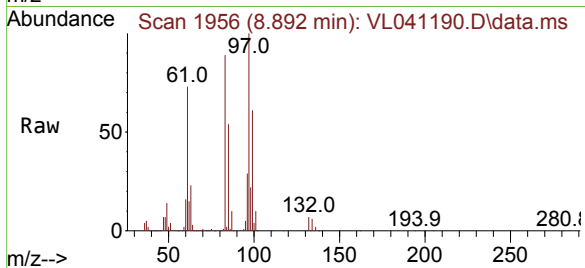
Ion Ratio Lower Upper

97 100

83 88.6 71.2 106.8

85 53.9 46.0 69.0

99 60.6 49.7 74.5



#48

Dibromochloromethane

Concen: 9.976 ppbv

RT: 9.706 min Scan# 2209

Delta R.T. -0.000 min

Lab File: VL041190.D

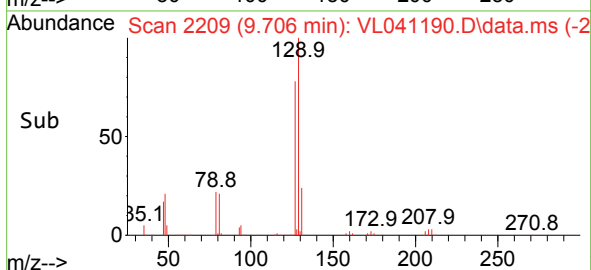
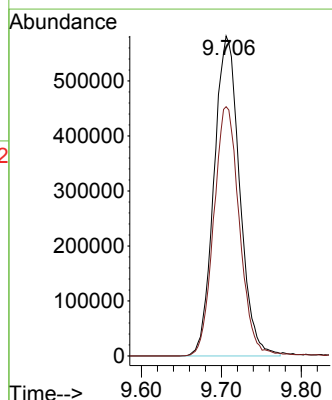
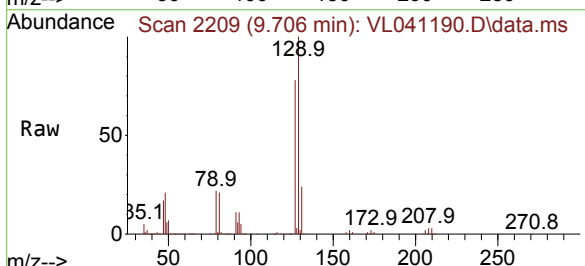
Acq: 2 May 2024 10:44

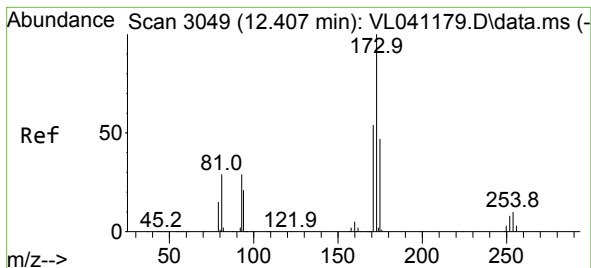
Tgt Ion: 129 Resp: 1293953

Ion Ratio Lower Upper

129 100

127 78.6 39.1 117.5





#49

Bromoform

Concen: 10.081 ppbv

RT: 12.404 min Scan# 3049

Delta R.T. -0.003 min

Lab File: VL041190.D

Acq: 2 May 2024 10:44

Instrument :

MSVOA_L

ClientSampleId :

VL0502ABS01

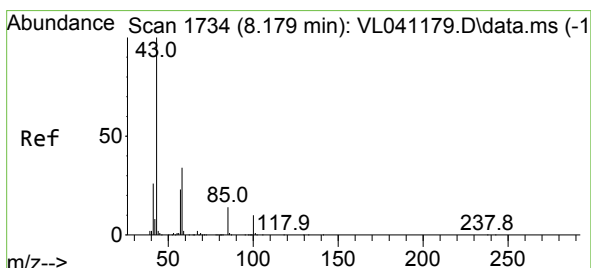
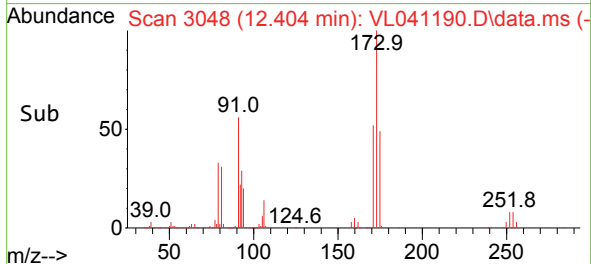
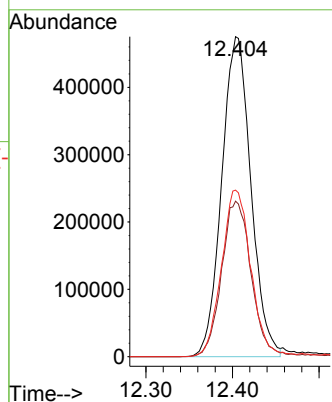
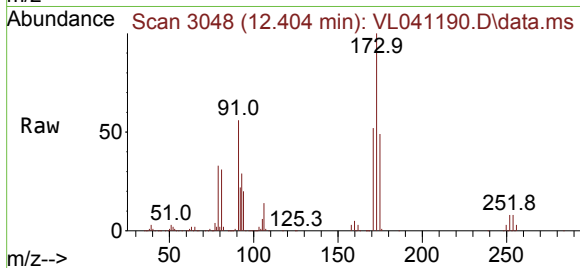
Tgt Ion:173 Resp: 1112274

Ion Ratio Lower Upper

173 100

175 50.0 39.8 59.8

171 53.3 41.8 62.8



#50

4-Methyl-2-Pentanone

Concen: 9.120 ppbv

RT: 8.175 min Scan# 1733

Delta R.T. -0.003 min

Lab File: VL041190.D

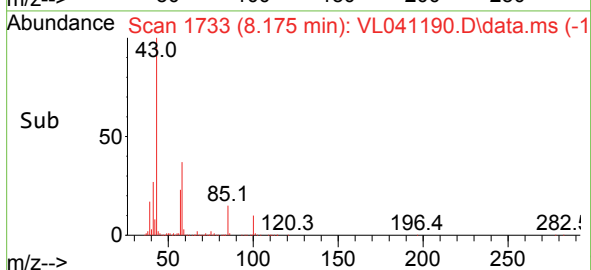
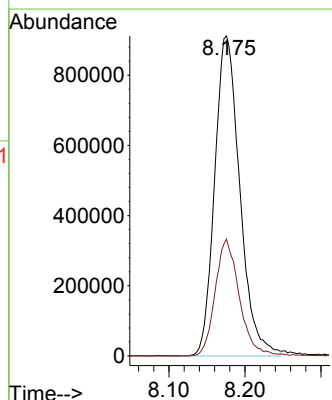
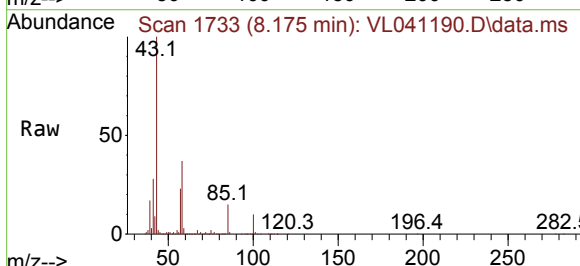
Acq: 2 May 2024 10:44

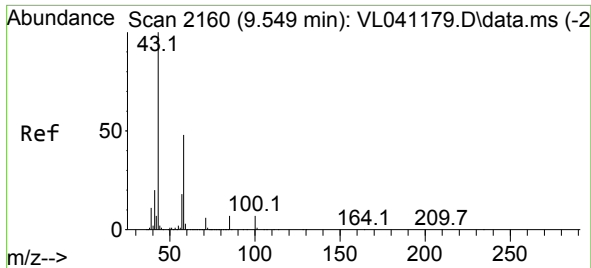
Tgt Ion: 43 Resp: 2094838

Ion Ratio Lower Upper

43 100

58 35.3 27.7 41.5

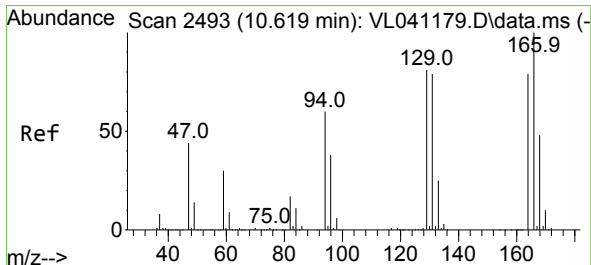
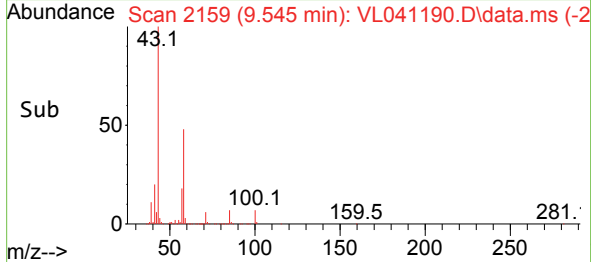
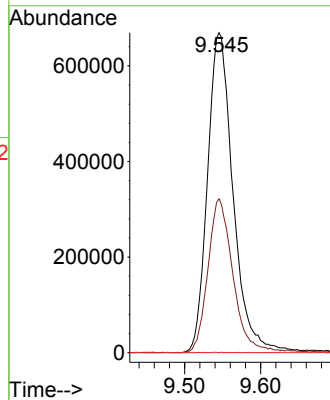
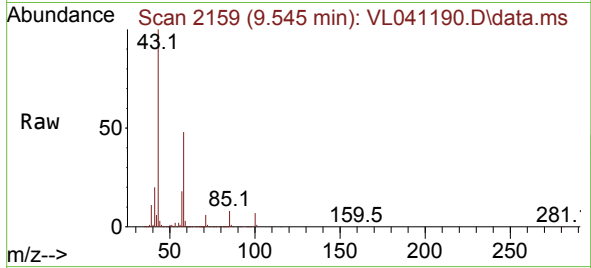




#51
2-Hexanone
Concen: 9.128 ppbv
RT: 9.545 min Scan# 2160
Delta R.T. -0.000 min
Lab File: VL041190.D
Acq: 2 May 2024 10:44

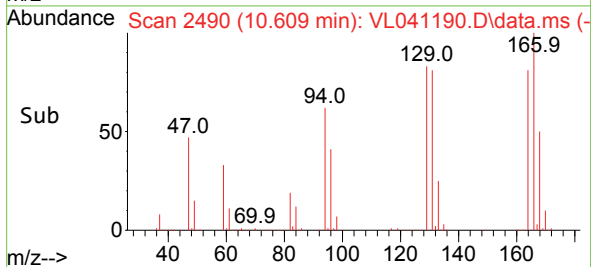
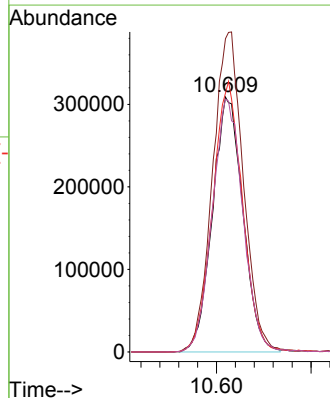
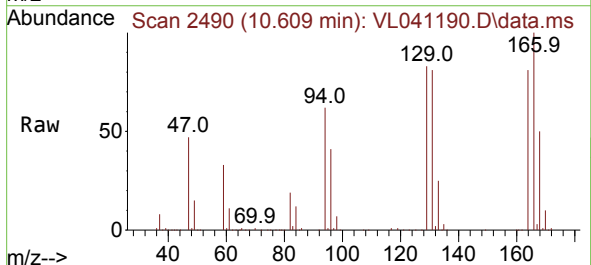
Instrument :
MSVOA_L
ClientSampleId :
VL0502ABS01

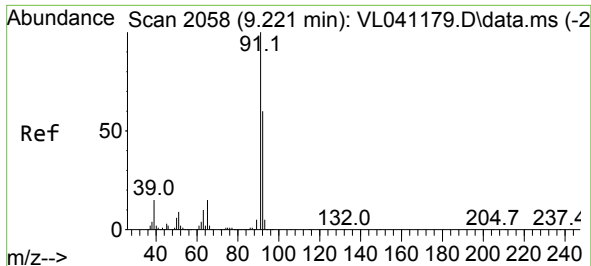
Tgt Ion: 43 Resp: 1555238
Ion Ratio Lower Upper
43 100
58 47.8 38.4 57.6
98 0.1 0.0 0.0#



#52
Tetrachloroethene
Concen: 9.316 ppbv
RT: 10.609 min Scan# 2490
Delta R.T. -0.003 min
Lab File: VL041190.D
Acq: 2 May 2024 10:44

Tgt Ion:164 Resp: 690970
Ion Ratio Lower Upper
164 100
166 122.7 101.1 151.7
129 101.3 81.7 122.5
131 99.0 80.4 120.6

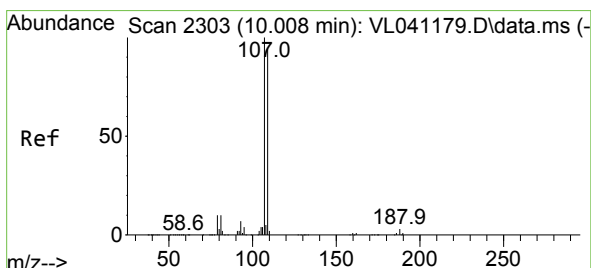
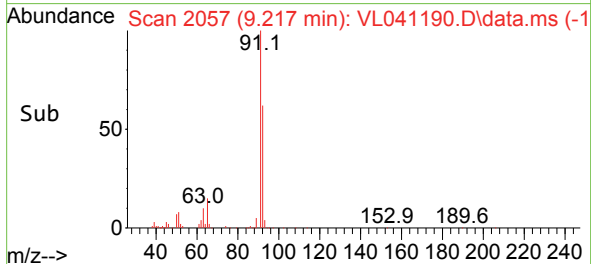
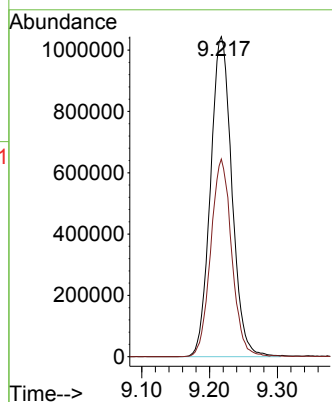
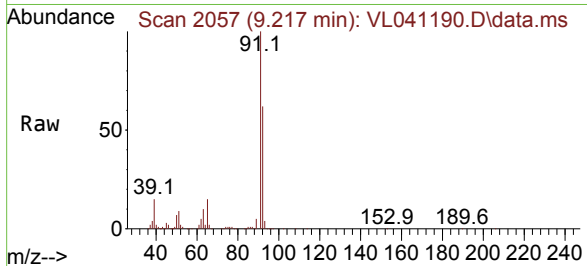




#53
Toluene
Concen: 9.359 ppbv
RT: 9.217 min Scan# 2057
Delta R.T. -0.003 min
Lab File: VL041190.D
Acq: 2 May 2024 10:44

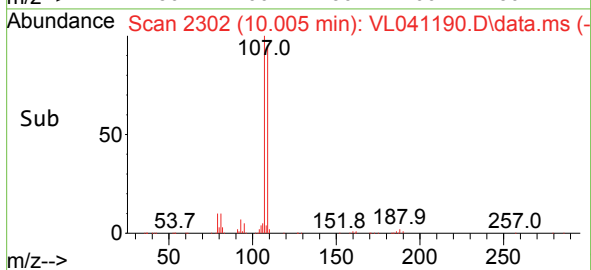
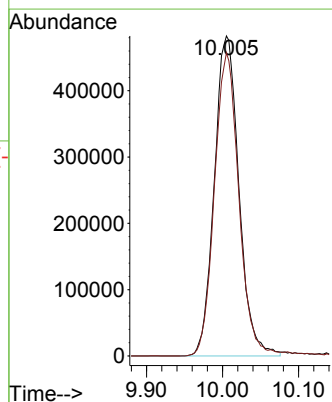
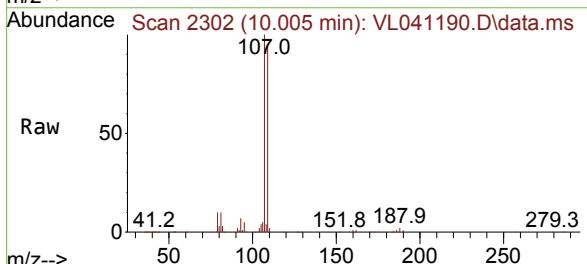
Instrument :
MSVOA_L
ClientSampleId :
VL0502ABS01

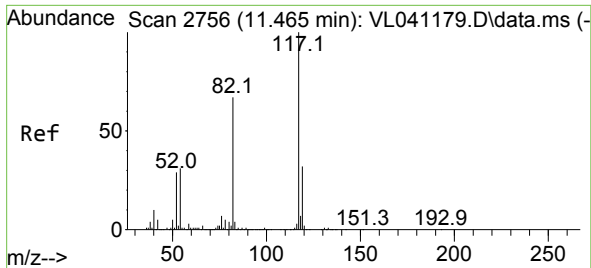
Tgt Ion: 91 Resp: 2290129
Ion Ratio Lower Upper
91 100
92 60.7 48.2 72.4



#54
1,2-Dibromoethane
Concen: 9.839 ppbv
RT: 10.005 min Scan# 2302
Delta R.T. -0.000 min
Lab File: VL041190.D
Acq: 2 May 2024 10:44

Tgt Ion: 107 Resp: 1084767
Ion Ratio Lower Upper
107 100
109 94.8 75.2 112.8

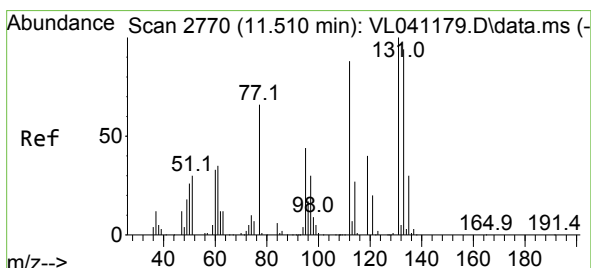
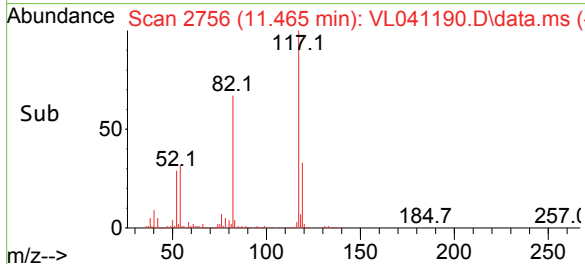
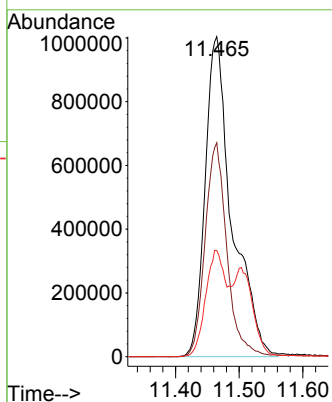
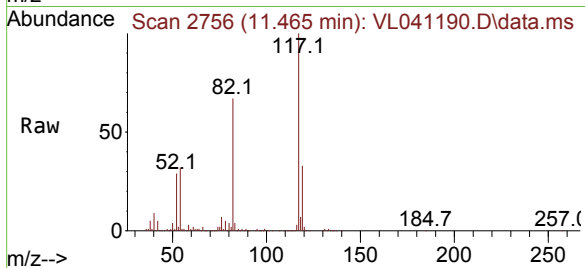




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.465 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL041190.D
Acq: 2 May 2024 10:44

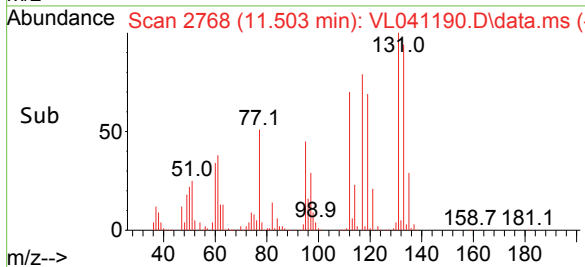
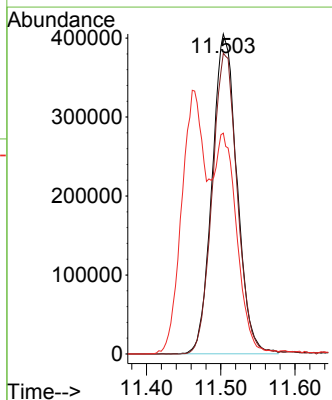
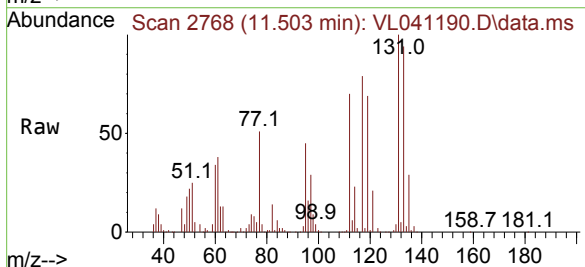
Instrument :
MSVOA_L
ClientSampleId :
VL0502ABS01

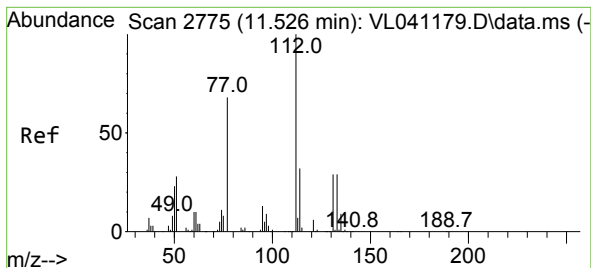
Tgt Ion:117 Resp: 2936475
Ion Ratio Lower Upper
117 100
82 54.6 53.6 80.4
119 23.5 27.2 40.8#



#56
1,1,1,2-Tetrachloroethane
Concen: 7.915 ppbv
RT: 11.503 min Scan# 2768
Delta R.T. -0.003 min
Lab File: VL041190.D
Acq: 2 May 2024 10:44

Tgt Ion:131 Resp: 942456
Ion Ratio Lower Upper
131 100
133 95.4 76.3 114.5
119 61.4 49.4 74.2





#57

Chlorobenzene

Concen: 7.643 ppbv

RT: 11.526 min Scan# 21

Delta R.T. -0.000 min

Lab File: VL041190.D

Acq: 2 May 2024 10:44

Instrument :

MSVOA_L

ClientSampleId :

VL0502ABS01

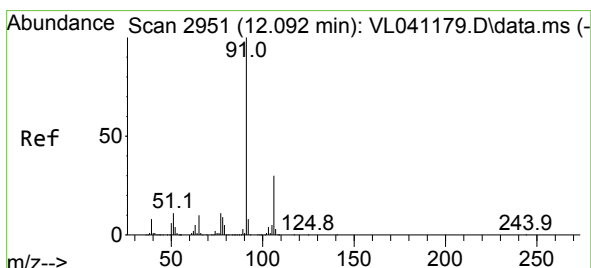
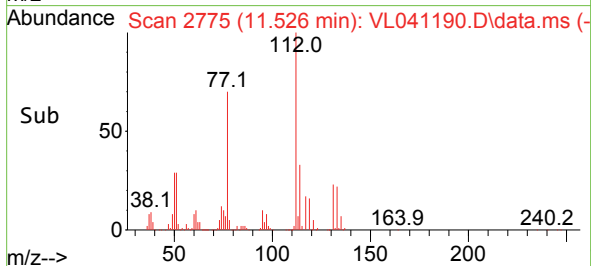
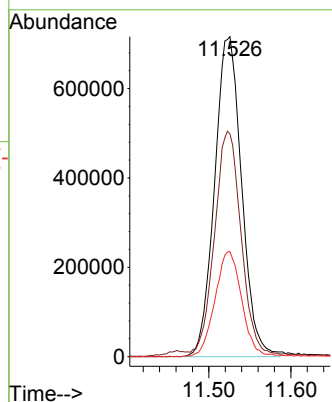
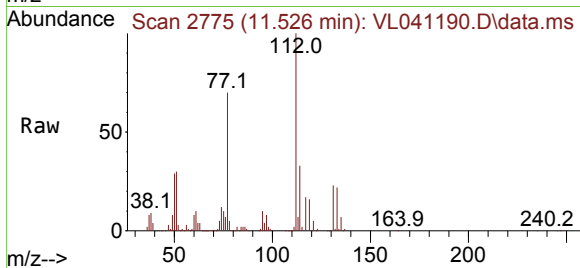
Tgt Ion:112 Resp: 1643593

Ion Ratio Lower Upper

112 100

77 68.9 54.9 82.3

114 32.9 28.7 35.1



#58

Ethyl Benzene

Concen: 7.526 ppbv

RT: 12.085 min Scan# 2949

Delta R.T. -0.000 min

Lab File: VL041190.D

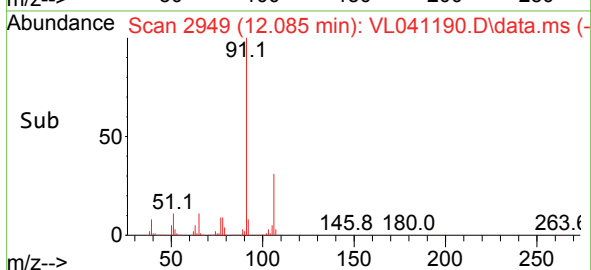
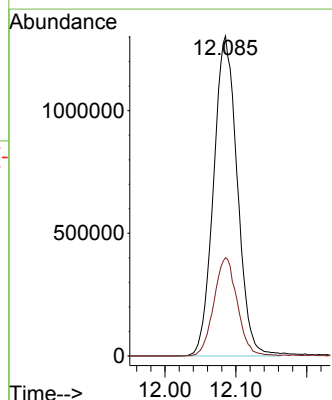
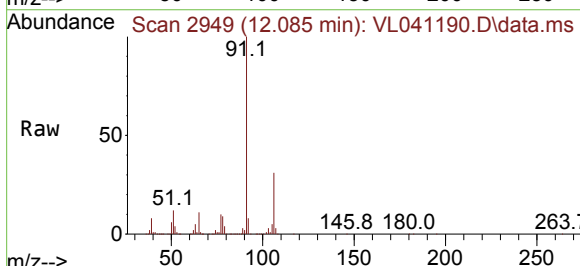
Acq: 2 May 2024 10:44

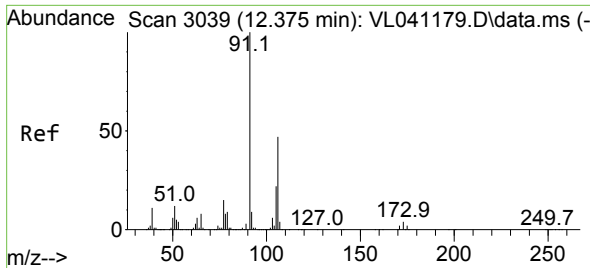
Tgt Ion: 91 Resp: 3030456

Ion Ratio Lower Upper

91 100

106 30.7 24.3 36.5





#59

m/p-Xylene

Concen: 8.338 ppbv

RT: 12.368 min Scan# 3039

Delta R.T. -0.003 min

Lab File: VL041190.D

Acq: 2 May 2024 10:44

Instrument :

MSVOA_L

ClientSampleId :

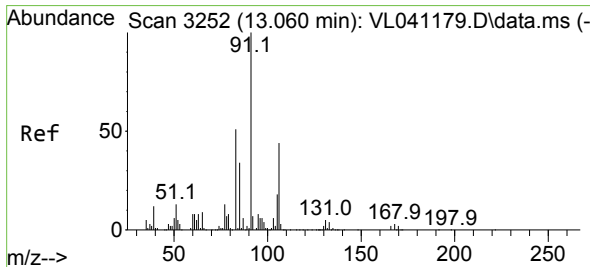
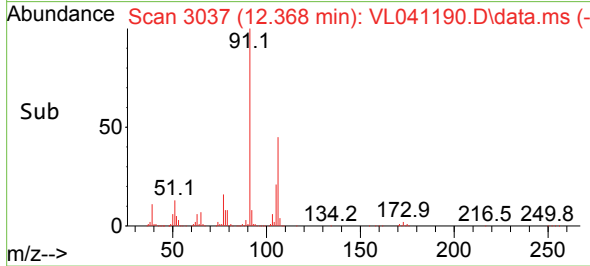
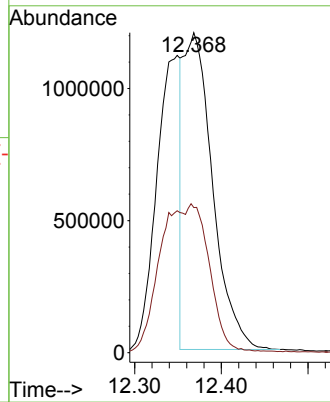
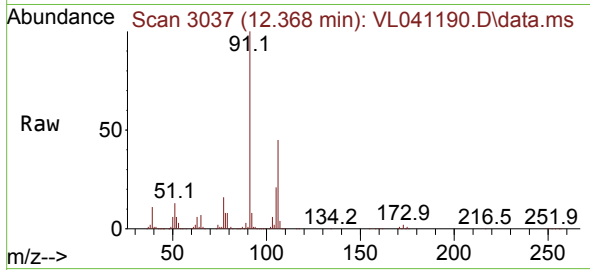
VL0502ABS01

Tgt Ion: 91 Resp: 2821563

Ion Ratio Lower Upper

91 100

106 79.5 35.7 53.5#



#60

o-Xylene

Concen: 7.494 ppbv

RT: 13.056 min Scan# 3251

Delta R.T. -0.000 min

Lab File: VL041190.D

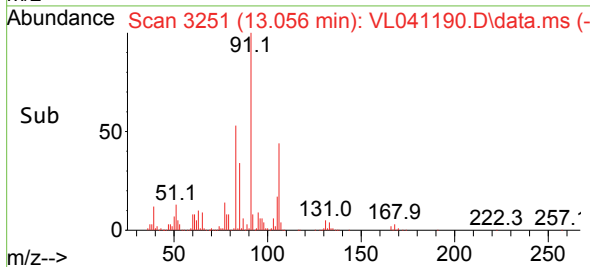
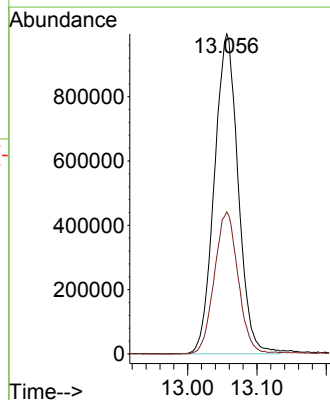
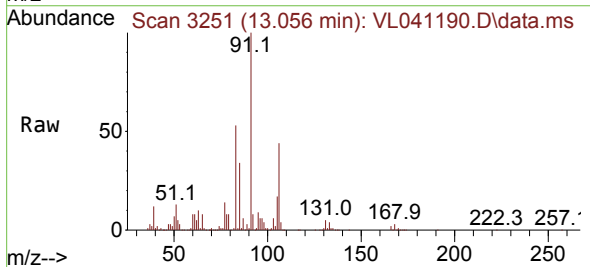
Acq: 2 May 2024 10:44

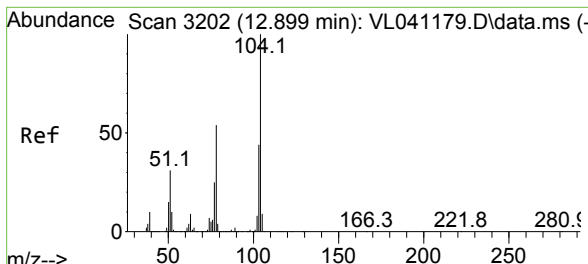
Tgt Ion: 91 Resp: 2377290

Ion Ratio Lower Upper

91 100

106 44.9 22.4 67.3



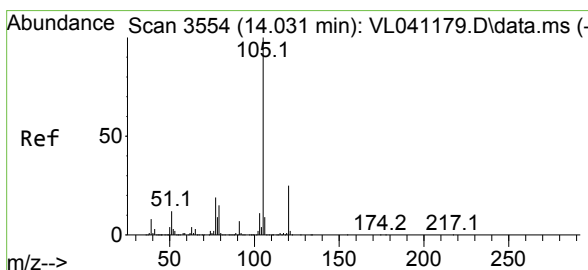
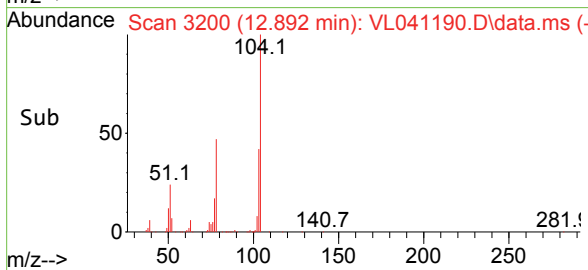
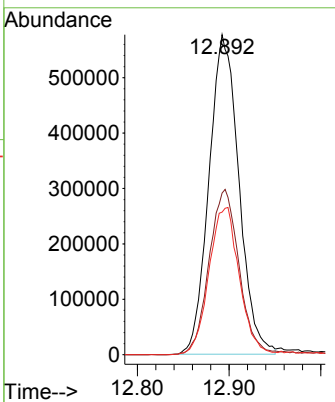
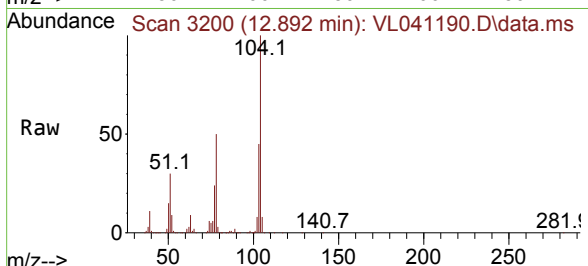


#61
 Styrene
 Concen: 7.795 ppbv
 RT: 12.892 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VL041190.D
 Acq: 2 May 2024 10:44

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0502ABS01

Tgt Ion:104 Resp: 1306178

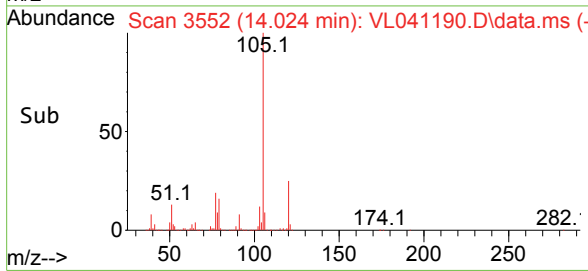
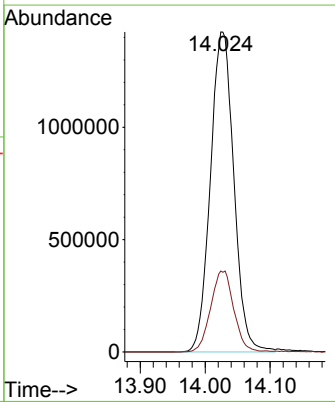
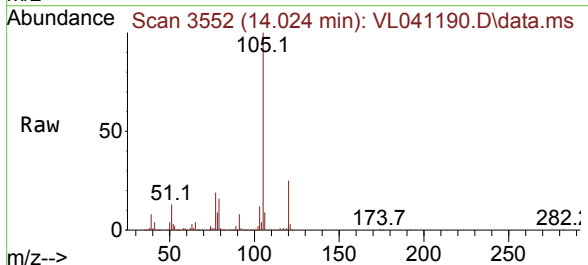
Ion	Ratio	Lower	Upper
104	100		
78	52.6	42.6	63.8
103	47.7	38.4	57.6

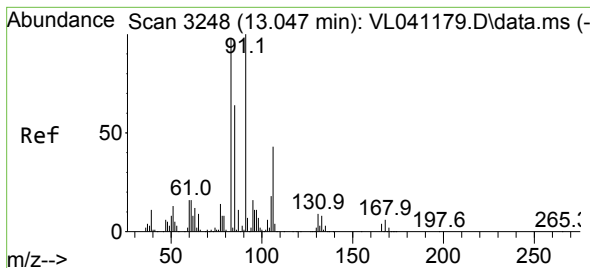


#62
 Isopropylbenzene
 Concen: 7.503 ppbv
 RT: 14.024 min Scan# 3552
 Delta R.T. -0.003 min
 Lab File: VL041190.D
 Acq: 2 May 2024 10:44

Tgt Ion:105 Resp: 3560087

Ion	Ratio	Lower	Upper
105	100		
120	25.1	20.2	30.2

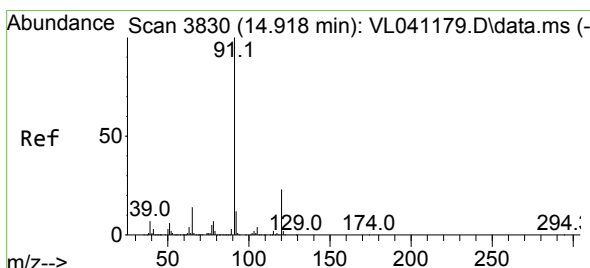
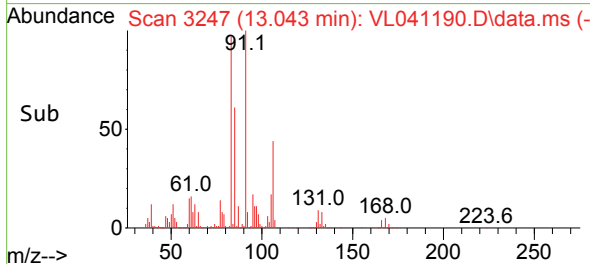
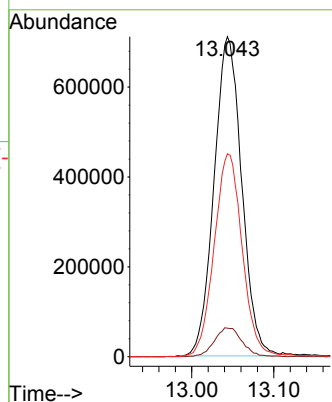
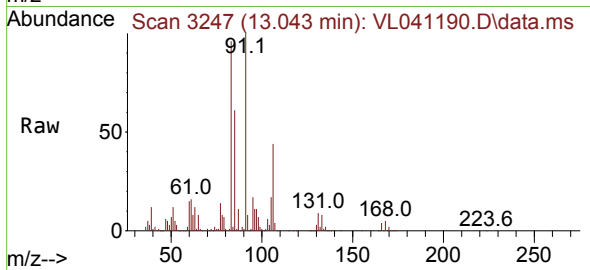




#63
1,1,2,2-Tetrachloroethane
Concen: 7.701 ppbv
RT: 13.043 min Scan# 31
Delta R.T. -0.000 min
Lab File: VL041190.D
Acq: 2 May 2024 10:44

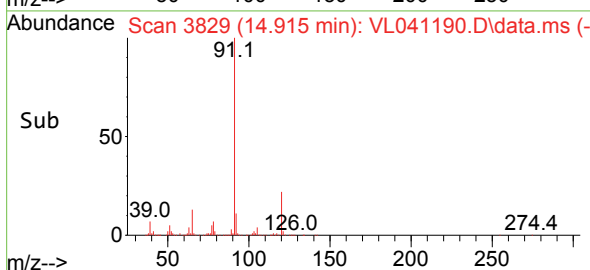
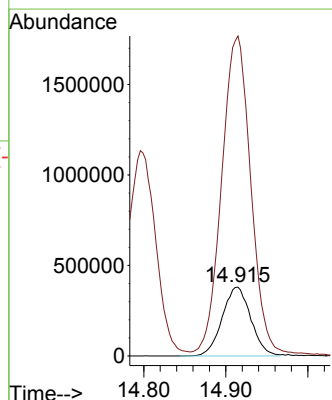
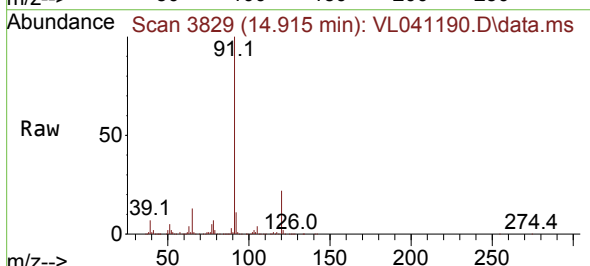
Instrument :
MSVOA_L
ClientSampleId :
VL0502ABS01

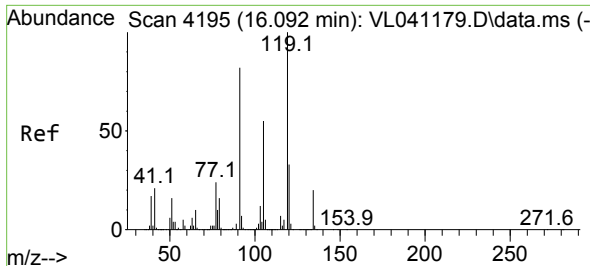
Tgt Ion: 83 Resp: 1665174
Ion Ratio Lower Upper
83 100
131 9.2 4.5 13.5
85 64.9 32.7 98.1



#64
n-propylbenzene
Concen: 7.789 ppbv
RT: 14.915 min Scan# 3829
Delta R.T. 0.003 min
Lab File: VL041190.D
Acq: 2 May 2024 10:44

Tgt Ion:120 Resp: 922041
Ion Ratio Lower Upper
120 100
91 478.6 384.8 577.2

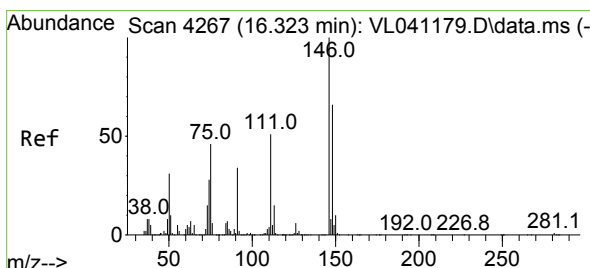
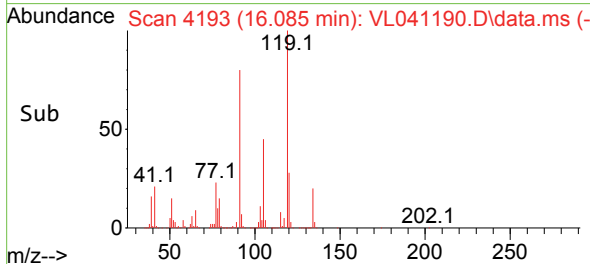
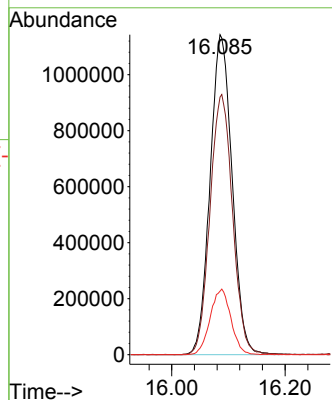
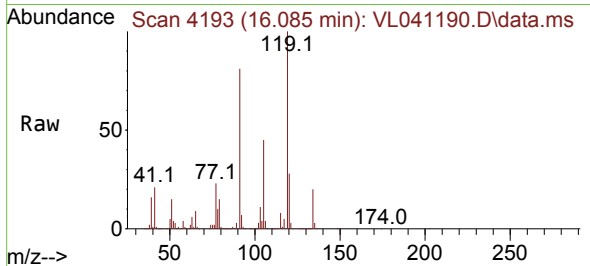




#65
tert-Butylbenzene
Concen: 7.262 ppbv
RT: 16.085 min Scan# 4195
Delta R.T. -0.003 min
Lab File: VL041190.D
Acq: 2 May 2024 10:44

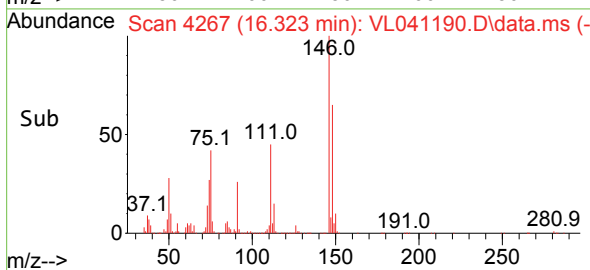
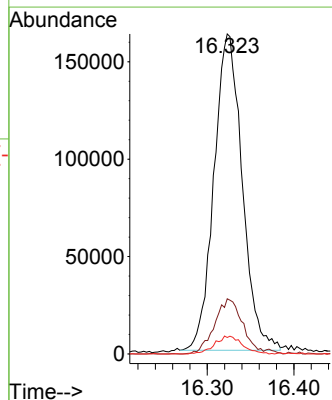
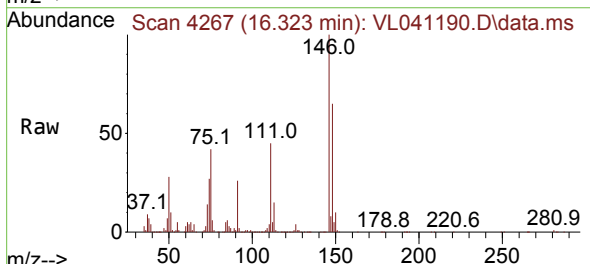
Instrument :
MSVOA_L
ClientSampleId :
VL0502ABS01

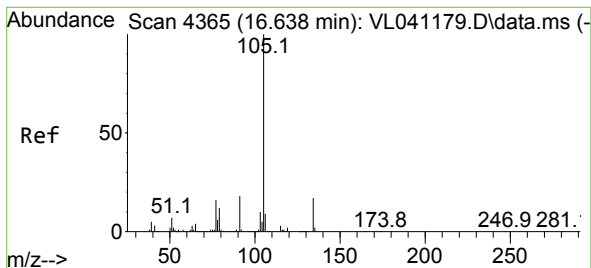
Tgt Ion:119 Resp: 3086325
Ion Ratio Lower Upper
119 100
91 83.2 67.0 100.4
134 19.4 15.2 22.8



#66
Benzyl Chloride
Concen: 7.648 ppbv
RT: 16.323 min Scan# 4267
Delta R.T. -0.003 min
Lab File: VL041190.D
Acq: 2 May 2024 10:44

Tgt Ion: 91 Resp: 367942
Ion Ratio Lower Upper
91 100
126 17.7 14.6 21.8
128 5.6 4.7 7.1

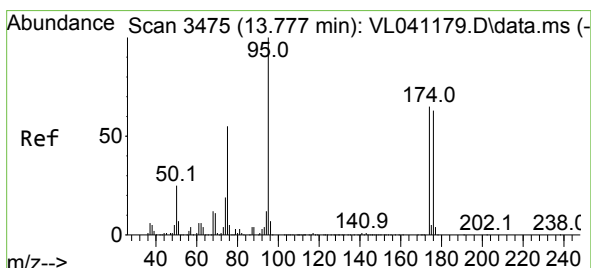
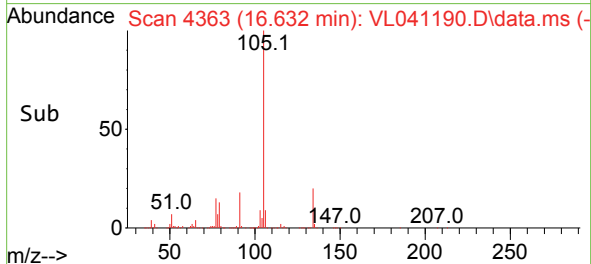
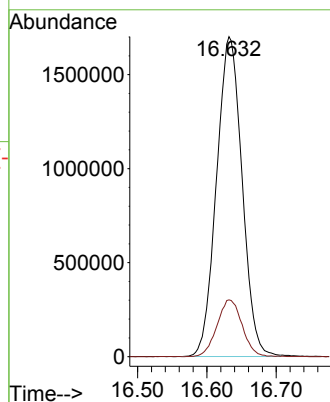
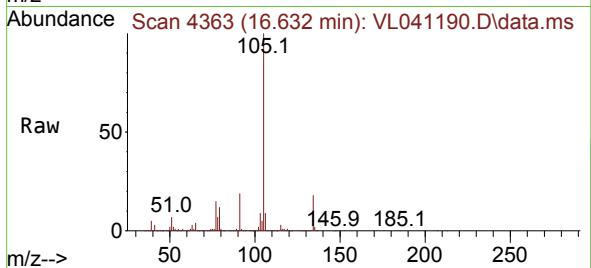




#67
 sec-Butylbenzene
 Concen: 7.291 ppbv
 RT: 16.632 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VL041190.D
 Acq: 2 May 2024 10:44

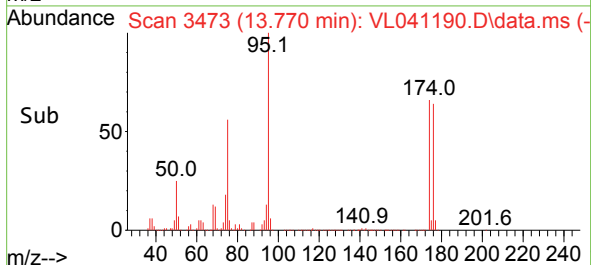
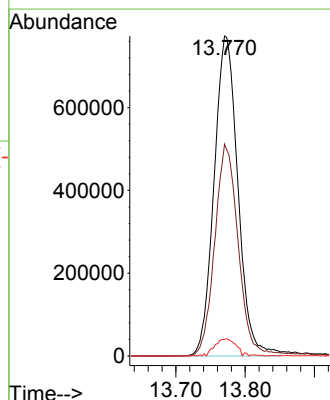
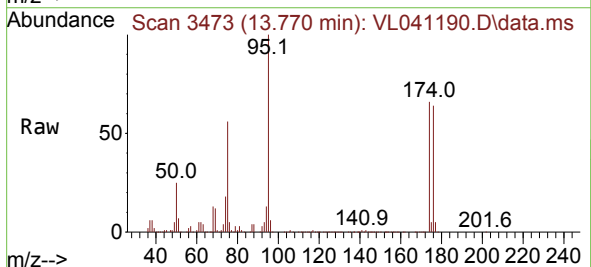
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0502ABS01

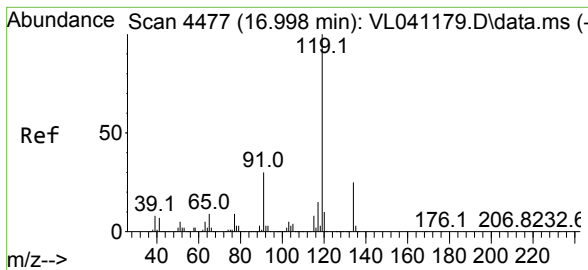
Tgt Ion:105 Resp: 4361837
 Ion Ratio Lower Upper
 105 100
 134 17.5 13.8 20.8



#68
 1-Bromo-4-Fluorobenzene
 Concen: 8.326 ppbv
 RT: 13.770 min Scan# 3473
 Delta R.T. -0.003 min
 Lab File: VL041190.D
 Acq: 2 May 2024 10:44

Tgt Ion: 95 Resp: 1845774
 Ion Ratio Lower Upper
 95 100
 174 66.3 53.6 80.4
 175 5.1 4.2 6.4

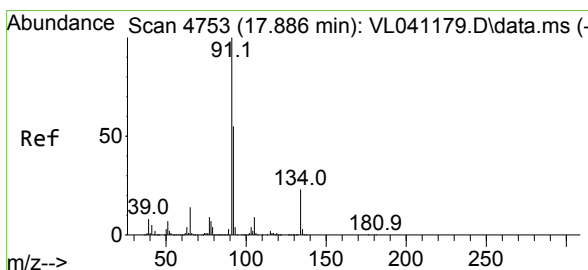
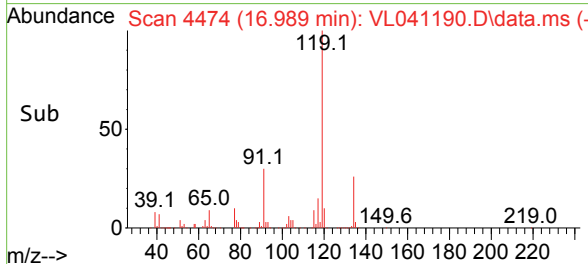
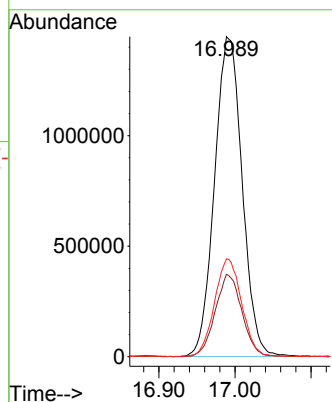
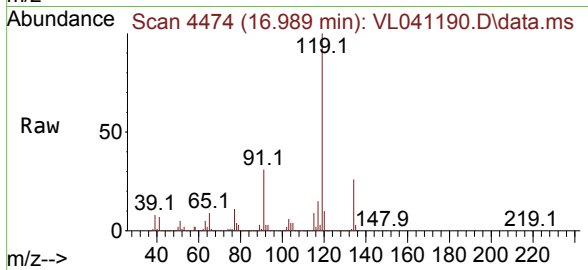




#69
p-Isopropyltoluene
Concen: 7.391 ppbv
RT: 16.989 min Scan# 4477
Delta R.T. -0.003 min
Lab File: VL041190.D
Acq: 2 May 2024 10:44

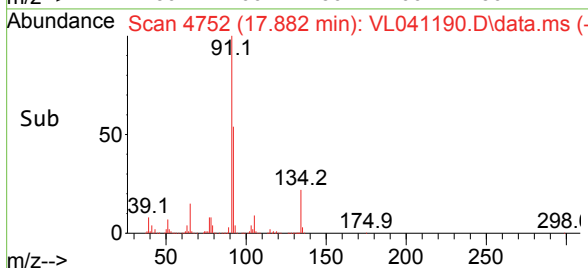
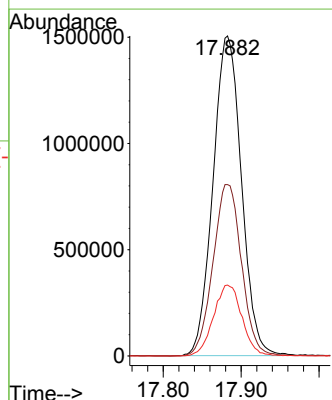
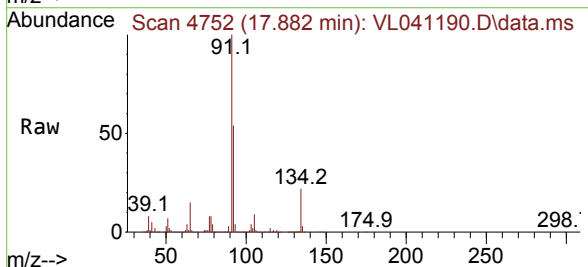
Instrument :
MSVOA_L
ClientSampleId :
VL0502ABS01

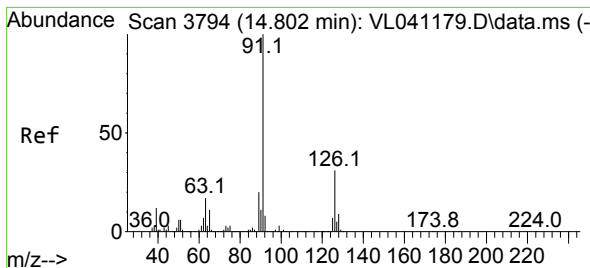
Tgt Ion:119 Resp: 3643982
Ion Ratio Lower Upper
119 100
134 24.9 20.1 30.1
91 30.1 24.2 36.2



#70
n-Butylbenzene
Concen: 7.405 ppbv
RT: 17.882 min Scan# 4752
Delta R.T. -0.000 min
Lab File: VL041190.D
Acq: 2 May 2024 10:44

Tgt Ion: 91 Resp: 3812583
Ion Ratio Lower Upper
91 100
92 54.1 43.3 64.9
134 22.3 17.8 26.8

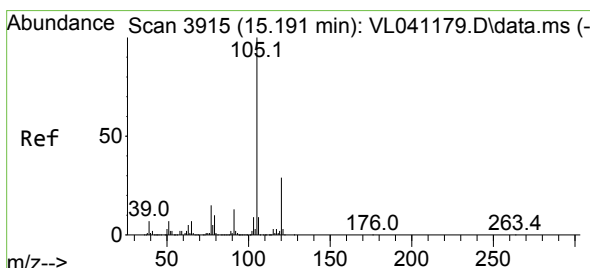
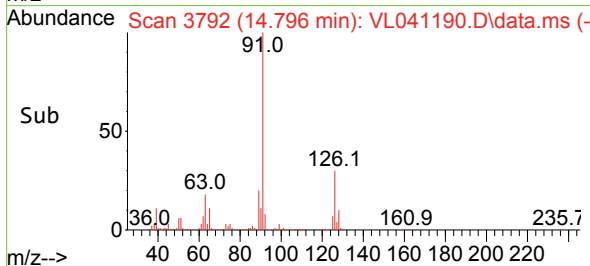
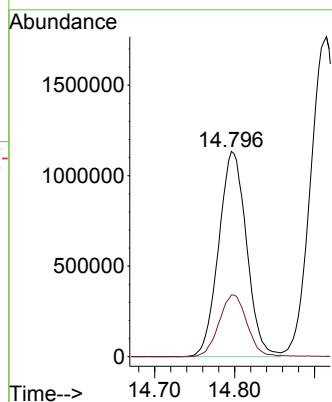
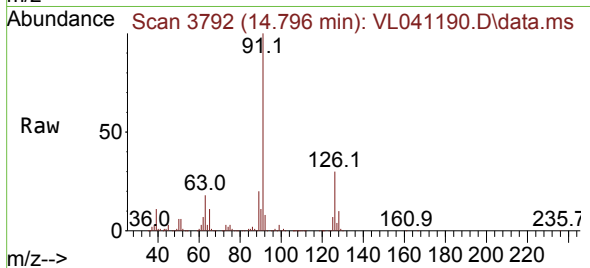




#71
2-Chlorotoluene
Concen: 7.581 ppbv
RT: 14.796 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL041190.D
Acq: 2 May 2024 10:44

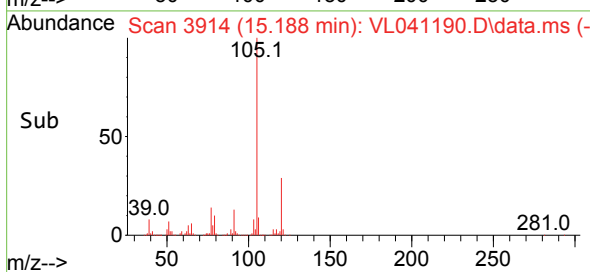
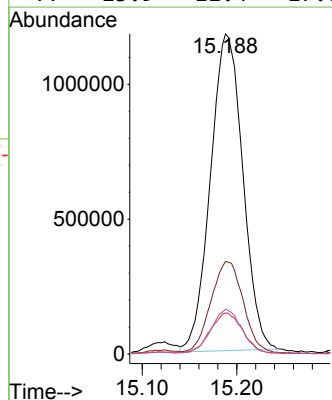
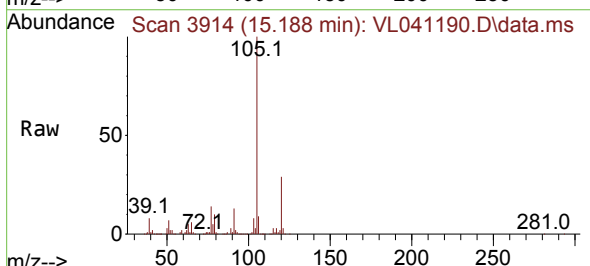
Instrument :
MSVOA_L
ClientSampleId :
VL0502ABS01

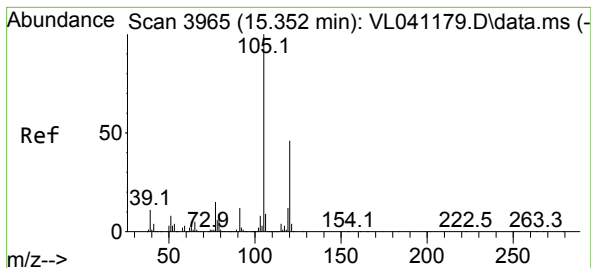
Tgt Ion: 91 Resp: 2738800
Ion Ratio Lower Upper
91 100
126 30.8 12.2 48.8



#72
4-Ethyltoluene
Concen: 7.777 ppbv
RT: 15.188 min Scan# 3914
Delta R.T. -0.003 min
Lab File: VL041190.D
Acq: 2 May 2024 10:44

Tgt Ion:105 Resp: 2794456
Ion Ratio Lower Upper
105 100
120 29.9 24.7 37.1
91 13.6 10.3 15.5
77 13.9 11.4 17.0





#73

1,3,5-Trimethylbenzene

Concen: 7.548 ppbv

RT: 15.346 min Scan# 3965

Delta R.T. -0.003 min

Lab File: VL041190.D

Acq: 2 May 2024 10:44

Instrument :

MSVOA_L

ClientSampleId :

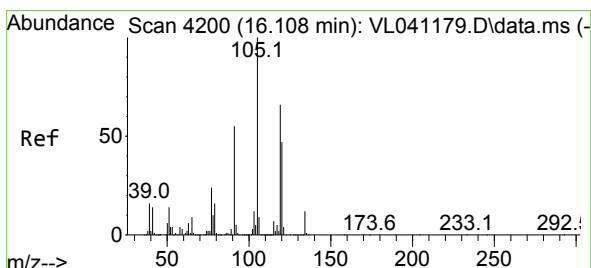
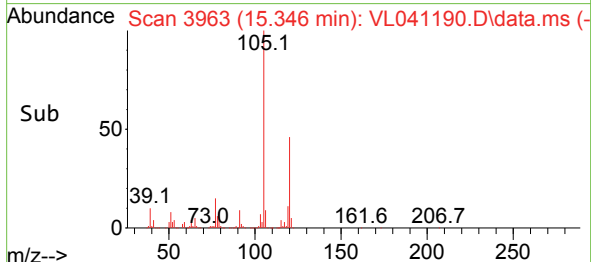
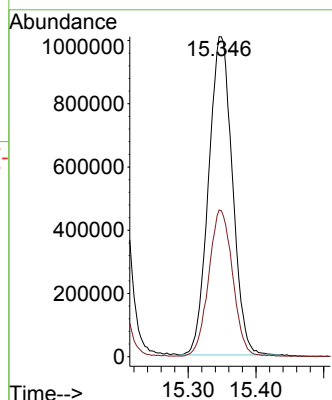
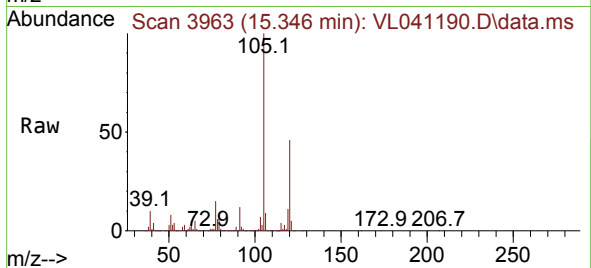
VL0502ABS01

Tgt Ion:105 Resp: 2453845

Ion Ratio Lower Upper

105 100

120 45.9 37.0 55.4



#74

1,2,4-Trimethylbenzene

Concen: 7.532 ppbv

RT: 16.104 min Scan# 4199

Delta R.T. -0.000 min

Lab File: VL041190.D

Acq: 2 May 2024 10:44

Tgt Ion:105 Resp: 2674360

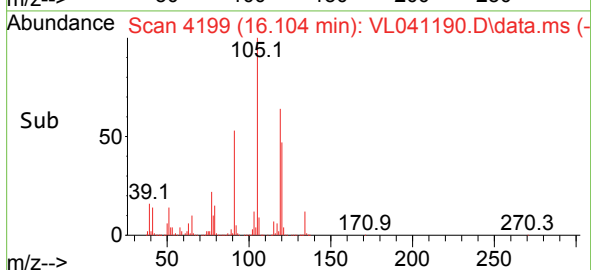
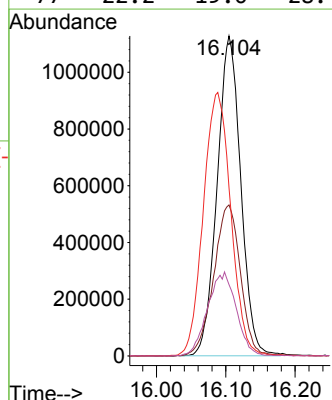
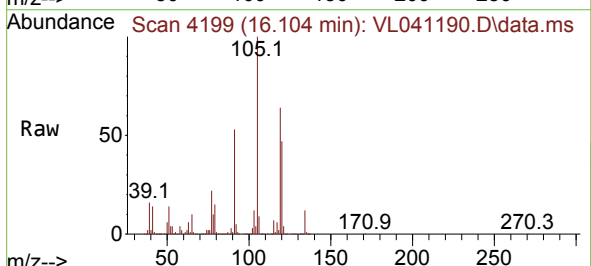
Ion Ratio Lower Upper

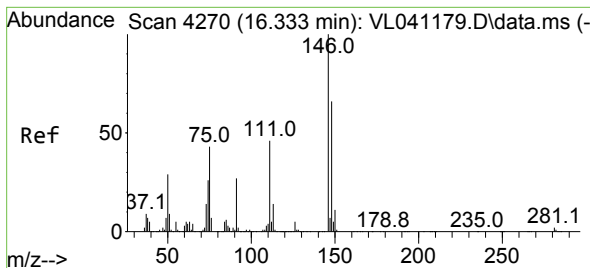
105 100

120 47.1 37.8 56.6

91 52.3 44.3 66.5

77 22.2 19.0 28.4





#75

1,3-Dichlorobenzene

Concen: 7.770 ppbv

RT: 16.326 min Scan# 4268

Delta R.T. -0.003 min

Lab File: VL041190.D

Acq: 2 May 2024 10:44

Instrument :

MSVOA_L

ClientSampleId :

VL0502ABS01

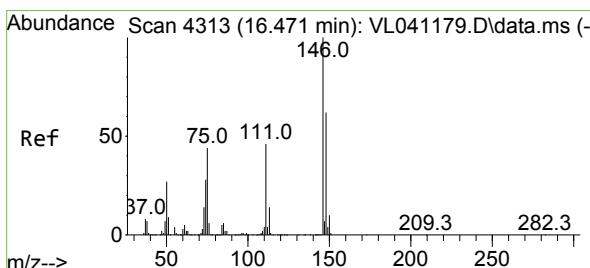
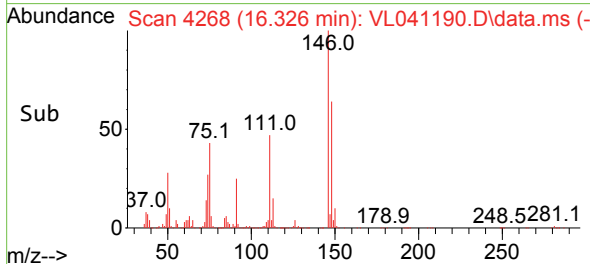
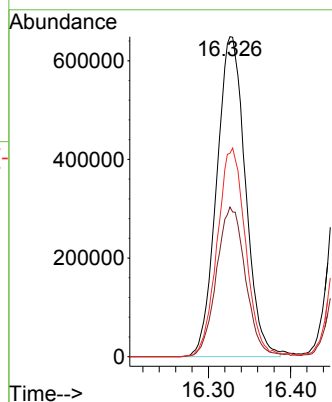
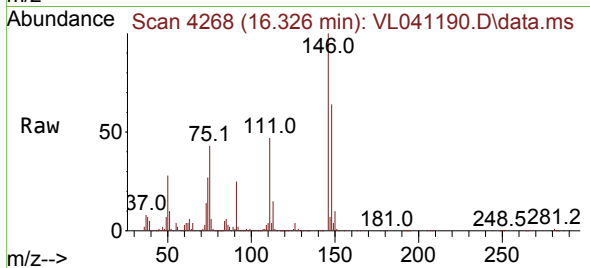
Tgt Ion:146 Resp: 1581954

Ion Ratio Lower Upper

146 100

111 47.3 23.7 71.1

148 64.5 32.5 97.4



#76

1,4-Dichlorobenzene

Concen: 7.942 ppbv

RT: 16.471 min Scan# 4313

Delta R.T. -0.000 min

Lab File: VL041190.D

Acq: 2 May 2024 10:44

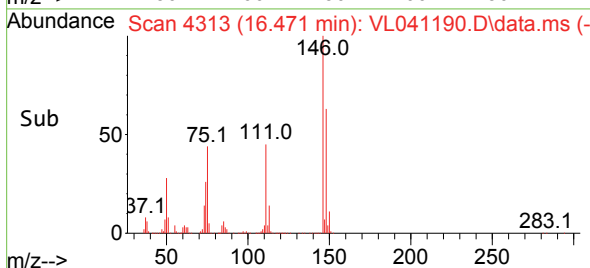
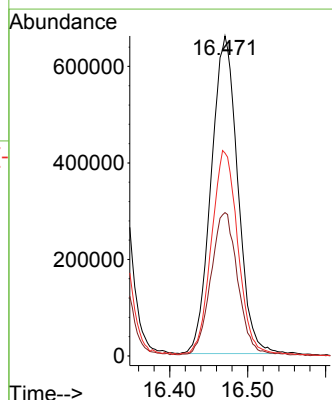
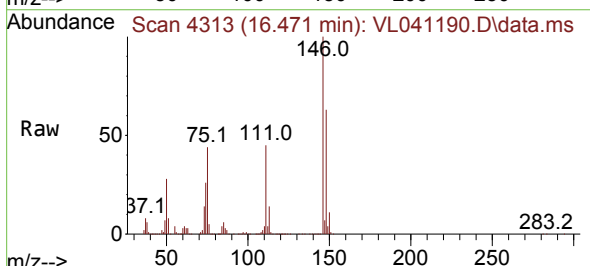
Tgt Ion:146 Resp: 1554942

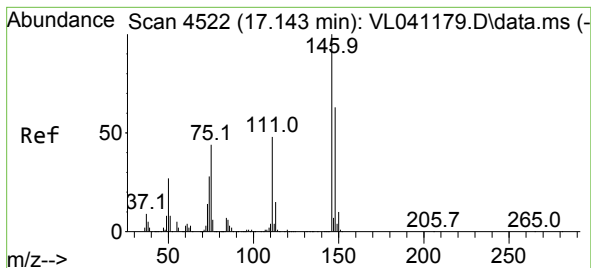
Ion Ratio Lower Upper

146 100

111 46.6 23.3 69.8

148 66.0 32.6 97.7





#77

1,2-Dichlorobenzene

Concen: 7.509 ppbv

RT: 17.140 min Scan# 41

Delta R.T. -0.000 min

Lab File: VL041190.D

Acq: 2 May 2024 10:44

Instrument :

MSVOA_L

ClientSampleId :

VL0502ABS01

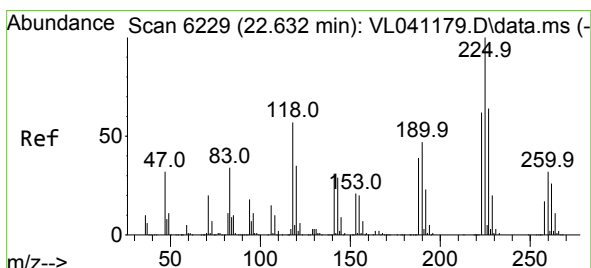
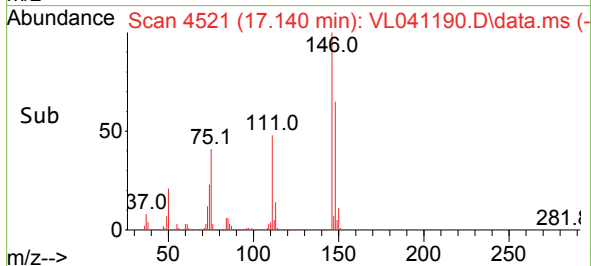
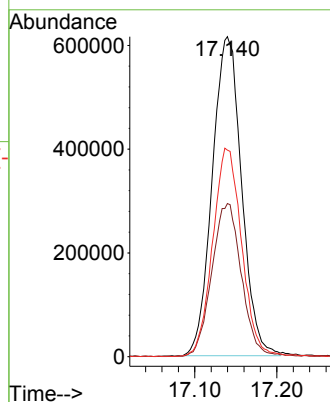
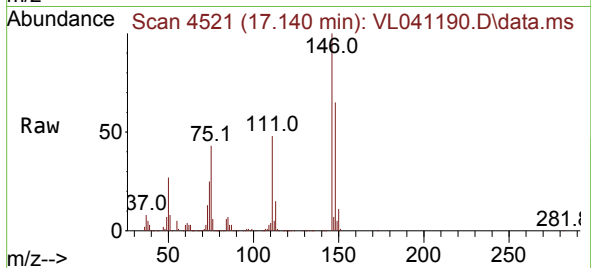
Tgt Ion:146 Resp: 1528071

Ion Ratio Lower Upper

146 100

111 48.7 24.5 73.5

148 65.1 32.6 98.0



#78

Hexachloro-1,3-Butadiene

Concen: 6.604 ppbv

RT: 22.631 min Scan# 6229

Delta R.T. -0.000 min

Lab File: VL041190.D

Acq: 2 May 2024 10:44

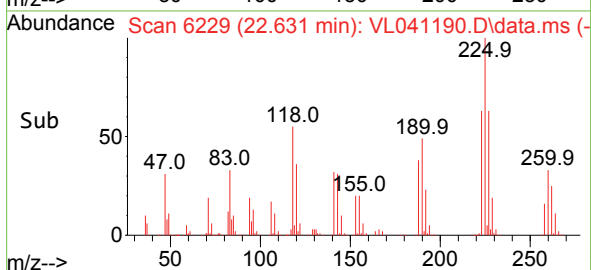
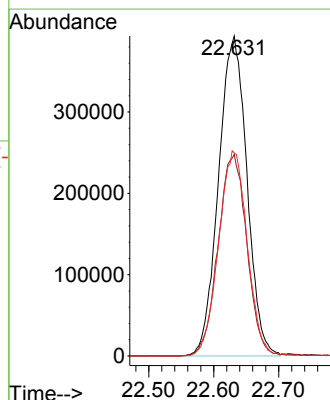
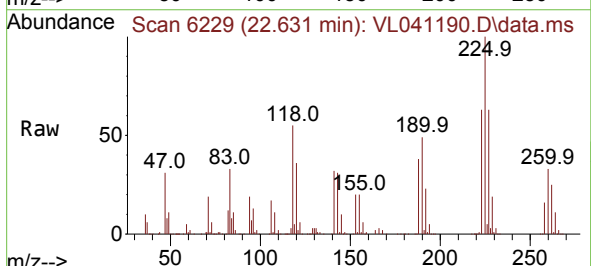
Tgt Ion:225 Resp: 1194574

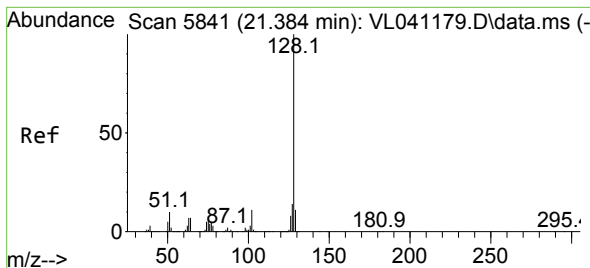
Ion Ratio Lower Upper

225 100

223 64.0 50.9 76.3

227 64.9 52.0 78.0





#79

Naphthalene

Concen: 7.998 ppbv

RT: 21.381 min Scan# 5841

Delta R.T. -0.003 min

Lab File: VL041190.D

Acq: 2 May 2024 10:44

Instrument :

MSVOA_L

ClientSampleId :

VL0502ABS01

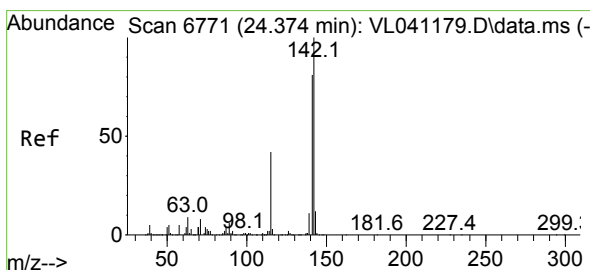
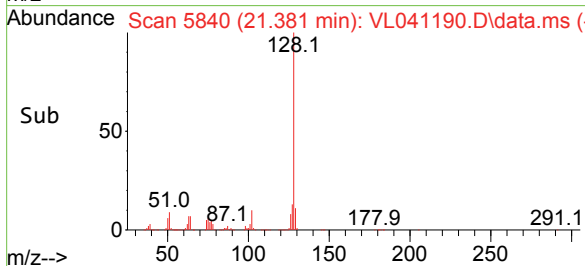
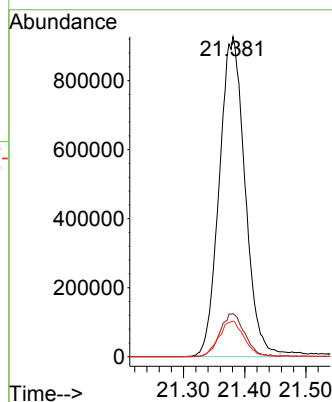
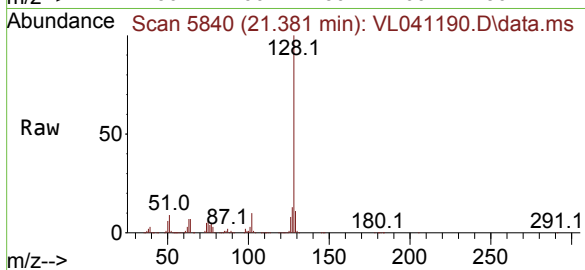
Tgt Ion:128 Resp: 2704131

Ion Ratio Lower Upper

128 100

127 13.5 10.8 16.2

129 11.1 8.9 13.3



#80

Naphthalene,2-methyl-

Concen: 6.797 ppbv

RT: 24.371 min Scan# 6770

Delta R.T. -0.000 min

Lab File: VL041190.D

Acq: 2 May 2024 10:44

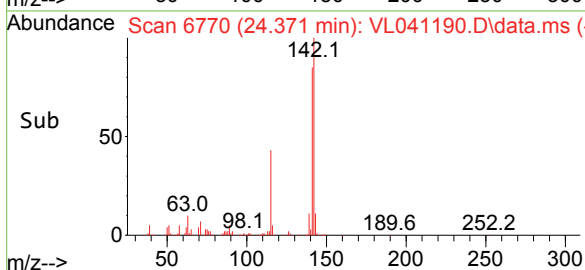
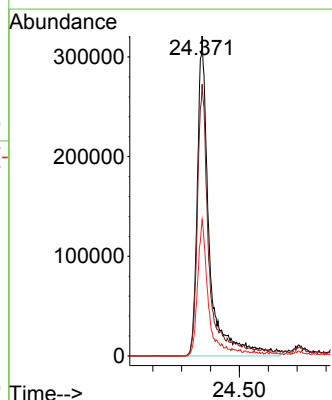
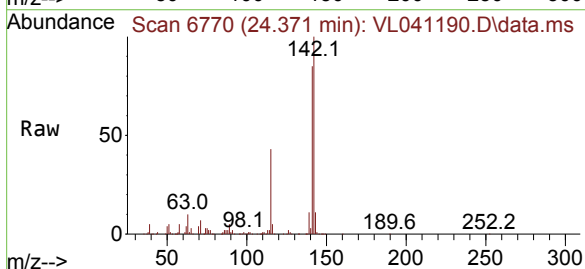
Tgt Ion:142 Resp: 924571

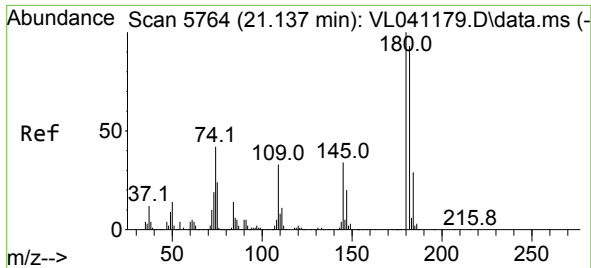
Ion Ratio Lower Upper

142 100

141 82.4 67.9 101.9

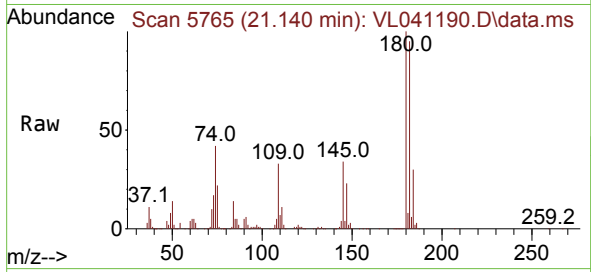
115 40.3 31.4 47.0





#81
 1,2,4-Trichlorobenzene
 Concen: 7.615 ppbv
 RT: 21.140 min Scan# 51
 Delta R.T. 0.003 min
 Lab File: VL041190.D
 Acq: 2 May 2024 10:44

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0502ABS01



Tgt Ion:180 Resp: 1359471

Ion	Ratio	Lower	Upper
180	100		
182	96.4	77.2	115.8
184	30.7	24.6	36.8

