

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072224\
 Data File : VL041383.D
 Acq On : 22 Jul 2024 12:41
 Operator : SY/MD
 Sample : VL0722ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jul 23 03:13:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL062624AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Jul 23 02:50:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.189	49	1017303	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	6.652	114	2674592	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.465	117	3177486	10.000	ppbv	# 0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.770	95	1942188	8.155	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	81.600%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.726	85	1213534	6.991	ppbv	99
3) Chlorodifluoromethane	2.671	51	1626455	9.272	ppbv	100
4) Chloromethane	2.854	50	219649	3.277	ppbv #	47
5) Vinyl Chloride	2.954	62	15262	0.211	ppbv	96
6) Bromomethane	3.115	94	211949	9.249	ppbv	93
7) Chloroethane	3.234	64	3527	0.147	ppbv	94
8) Dichlorotetrafluoroethane	2.854	85	1510630	8.953	ppbv	99
9) Propene	2.690	41	572558	9.433	ppbv	97
10) Heptane	7.574	43	1383133	9.701	ppbv	100
11) Trichlorofluoromethane	3.558	101	1521803	9.006	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.060	101	1084150	9.155	ppbv	99
13) Ethanol	3.243	45	44091	3.274	ppbv	80
14) Bromoethene	3.362	108	444263	9.352	ppbv	98
15) Acetone	3.462	43	1184090	8.813	ppbv	96
16) 1,3-Butadiene	3.034	39	11146	0.174	ppbv #	12
17) tert-Butyl alcohol	3.873	59	771262	7.441	ppbv	99
18) 1,1-Dichloroethene	3.873	96	478869	9.198	ppbv	93
19) Isopropyl Alcohol	3.626	45	4739	0.064	ppbv #	94
20) Methylene Chloride	3.928	84	406840	8.345	ppbv	91
21) Allyl Chloride	3.992	41	769531	9.495	ppbv	99
22) trans-1,2-Dichloroethene	4.439	96	480469	9.292	ppbv	97
23) Vinyl Acetate	4.623	43	1301822	9.829	ppbv	98
24) 1,1-Dichloroethane	4.558	63	1071993	9.336	ppbv	100
25) Ethyl Acetate	5.198	43	2360891	9.543	ppbv	100
26) Hexane	5.208	57	1004003	9.165	ppbv	95
27) Carbon Disulfide	4.118	76	1250980	9.385	ppbv	98
28) Methyl tert-Butyl Ether	4.578	73	750365	9.235	ppbv	100
29) Chloroform	5.269	83	1604684	9.494	ppbv	98
30) Cyclohexane	6.597	84	859233	9.845	ppbv	99
31) cis-1,2-Dichloroethene	5.073	61	1027799	9.786	ppbv	98
32) 1,1,1-Trichloroethane	5.999	97	1604619	9.045	ppbv	99
34) 2-Butanone	4.780	43	1415082	10.026	ppbv	100
35) Carbon Tetrachloride	6.488	117	1670444	9.458	ppbv	98
36) Benzene	6.365	78	2157498	9.747	ppbv	98
37) 1,2-Dichloroethane	5.803	62	1243923	9.794	ppbv	99
38) Trichloroethene	7.288	130	848452	8.799	ppbv	98
39) 1,2-Dichloropropane	7.069	63	841294	9.835	ppbv	97
40) 1,4-Dioxane	7.285	88	37002	1.349	ppbv #	21
41) Tetrahydrofuran	5.552	42	866214	9.909	ppbv	98
42) Bromodichloromethane	7.246	83	1813032	10.203	ppbv	99
43) Methyl Methacrylate	7.468	69	886245	10.657	ppbv	98
44) 2,2,4-Trimethylpentane	7.324	57	3589733	9.543	ppbv	100
45) t-1,3-Dichloropropene	8.709	75	672846	12.784	ppbv	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072224\
 Data File : VL041383.D
 Acq On : 22 Jul 2024 12:41
 Operator : SY/MD
 Sample : VL07222ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

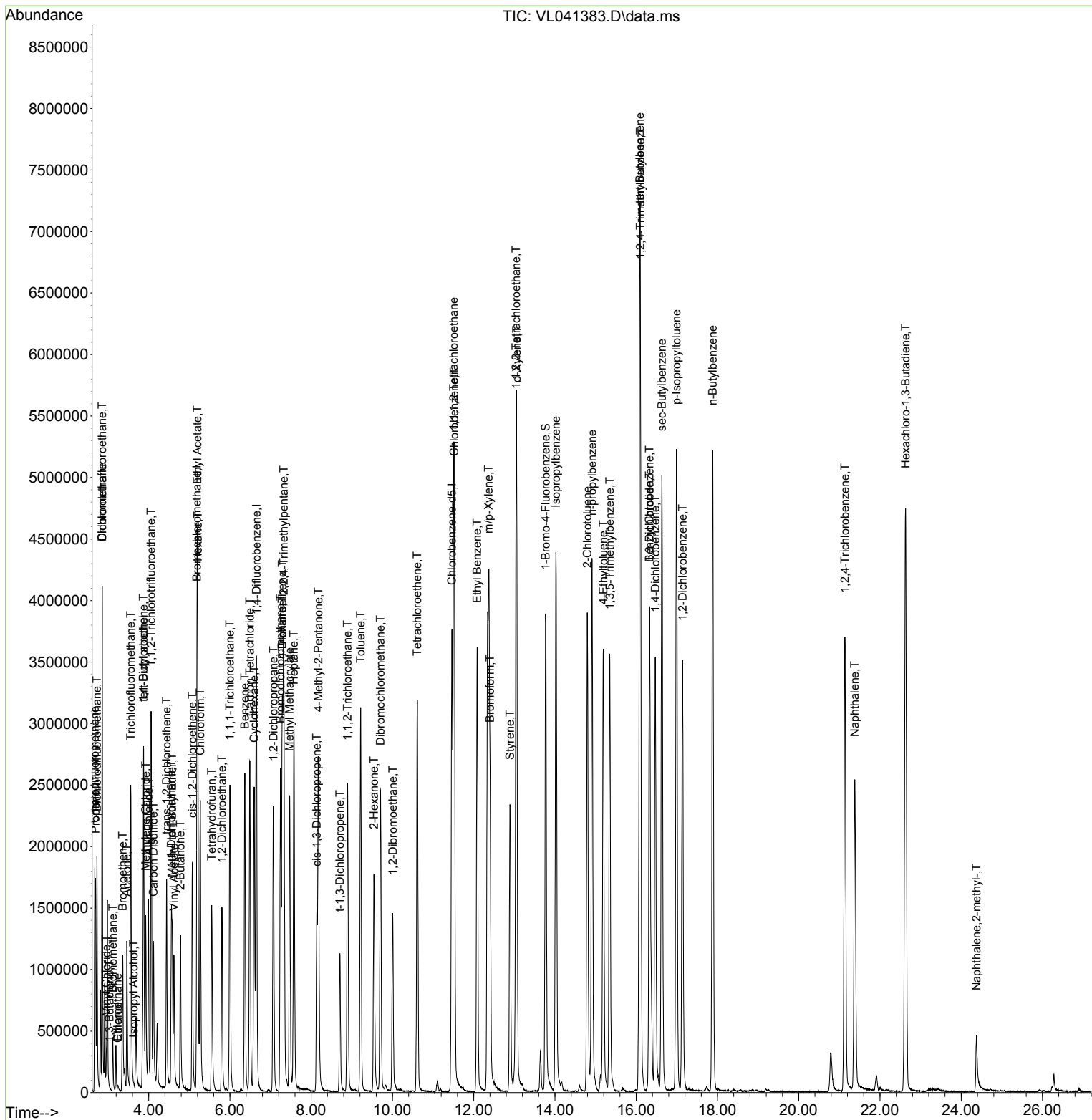
Instrument :
 MSVOA_L
 ClientSampleId :

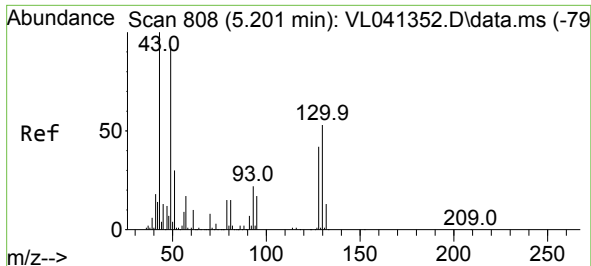
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL062624AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Jul 23 02:50:01 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.140	75	809195	11.434	ppbv	99
47) 1,1,2-Trichloroethane	8.893	97	896360	9.770	ppbv	97
48) Dibromochloromethane	9.706	129	1529743	10.383	ppbv	100
49) Bromoform	12.404	173	1245377	10.614	ppbv	99
50) 4-Methyl-2-Pentanone	8.176	43	2281120	10.064	ppbv	99
51) 2-Hexanone	9.545	43	1630126	10.118	ppbv #	98
52) Tetrachloroethene	10.613	164	776663	8.738	ppbv	98
53) Toluene	9.217	91	2536826	10.161	ppbv	99
54) 1,2-Dibromoethane	10.008	107	1219952	10.745	ppbv	94
56) 1,1,1,2-Tetrachloroethane	11.507	131	1129453	7.899	ppbv	96
57) Chlorobenzene	11.523	112	1938458	7.777	ppbv	99
58) Ethyl Benzene	12.085	91	3429036	8.066	ppbv	99
59) m/p-Xylene	12.365	91	3025974	8.225	ppbv #	34
60) o-Xylene	13.056	91	2774640	7.991	ppbv	99
61) Styrene	12.892	104	1459396	8.655	ppbv	99
62) Isopropylbenzene	14.024	105	4152446	7.746	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.044	83	1974942	7.220	ppbv	99
64) n-propylbenzene	14.915	120	1096788	7.838	ppbv	98
65) tert-Butylbenzene	16.088	119	3692421	7.736	ppbv	100
66) Benzyl Chloride	16.326	91	279227	8.903	ppbv	99
67) sec-Butylbenzene	16.632	105	5253123	7.781	ppbv	100
69) p-Isopropyltoluene	16.992	119	4384073	7.863	ppbv	99
70) n-Butylbenzene	17.883	91	4647646	8.155	ppbv	99
71) 2-Chlorotoluene	14.796	91	3165564	7.949	ppbv	99
72) 4-Ethyltoluene	15.191	105	3399219	8.219	ppbv	99
73) 1,3,5-Trimethylbenzene	15.349	105	2920701	8.251	ppbv	99
74) 1,2,4-Trimethylbenzene	16.105	105	3219523	8.071	ppbv	95
75) 1,3-Dichlorobenzene	16.326	146	1907993	8.063	ppbv	100
76) 1,4-Dichlorobenzene	16.471	146	1850945	7.851	ppbv	99
77) 1,2-Dichlorobenzene	17.143	146	1889962	7.834	ppbv	99
78) Hexachloro-1,3-Butadiene	22.632	225	1415421	8.067	ppbv	98
79) Naphthalene	21.378	128	3345170	15.593	ppbv	99
80) Naphthalene,2-methyl-	24.374	142	401352	710.855	ppbv #	47
81) 1,2,4-Trichlorobenzene	21.136	180	1645131	12.408	ppbv	98

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

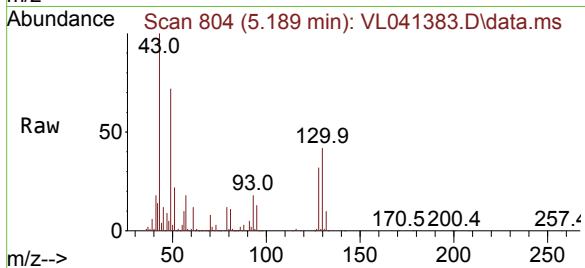
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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Tue Jul 23 02:50:01 2024
Response via : Initial Calibration





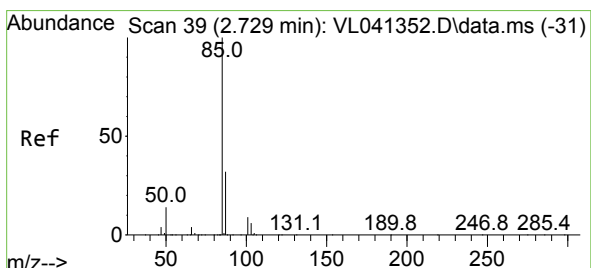
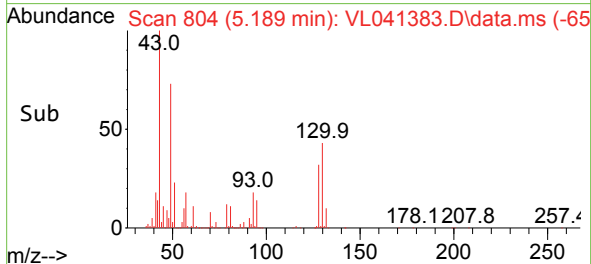
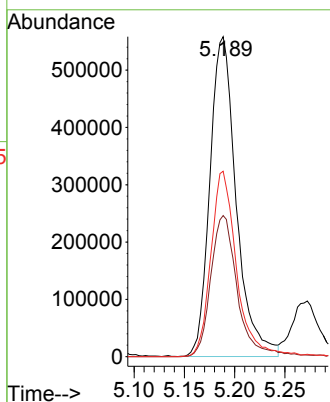
#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.189 min Scan# 80
 Delta R.T. -0.022 min
 Lab File: VL041383.D
 Acq: 22 Jul 2024 12:41

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion: 49 Resp: 1017303

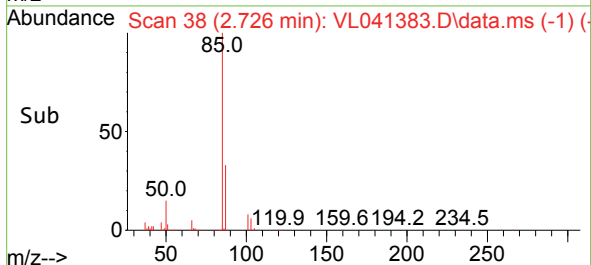
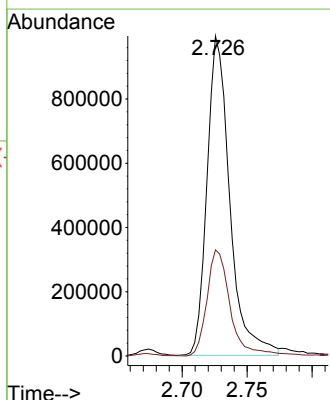
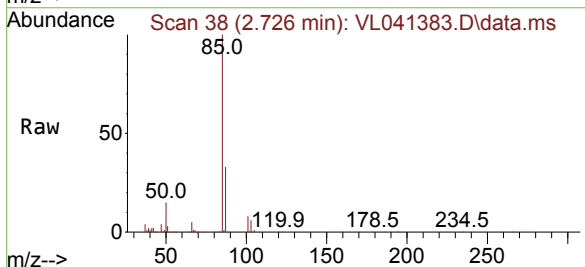
Ion	Ratio	Lower	Upper
49	100		
128	45.5	22.8	68.3
130	57.7	28.9	86.7

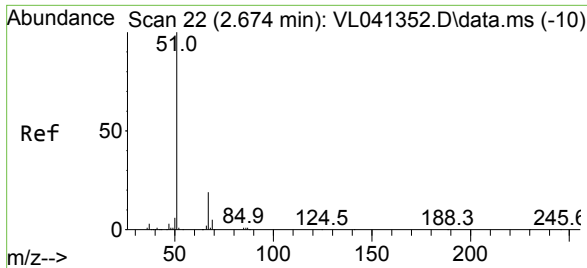


#2
 Dichlorodifluoromethane
 Concen: 6.991 ppbv
 RT: 2.726 min Scan# 38
 Delta R.T. -0.048 min
 Lab File: VL041383.D
 Acq: 22 Jul 2024 12:41

Tgt Ion: 85 Resp: 1213534

Ion	Ratio	Lower	Upper
85	100		
87	33.2	25.9	38.9

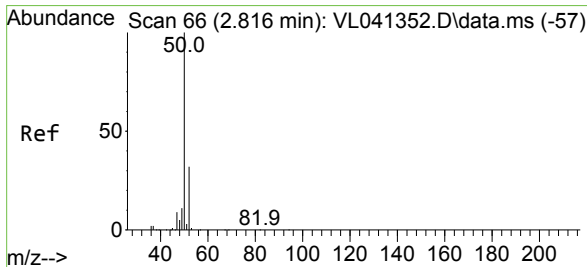
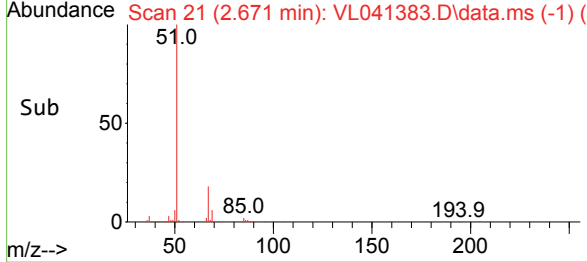
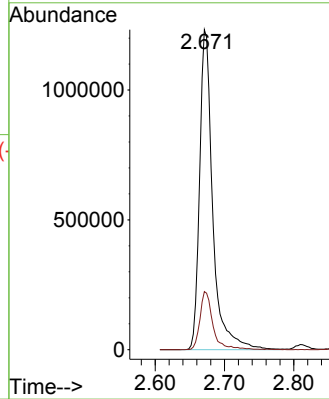
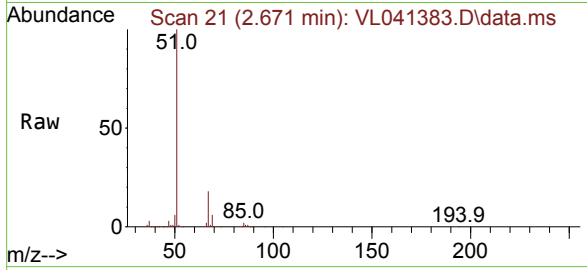




#3
Chlorodifluoromethane
Concen: 9.272 ppbv
RT: 2.671 min Scan# 21
Delta R.T. -0.048 min
Lab File: VL041383.D
Acq: 22 Jul 2024 12:41

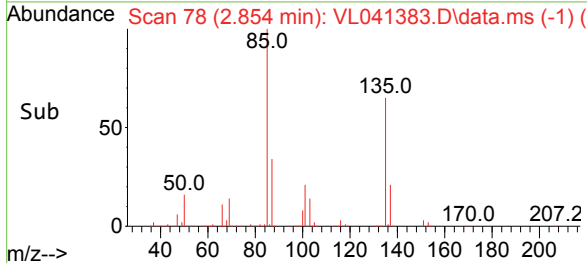
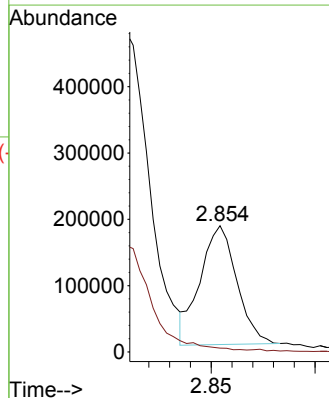
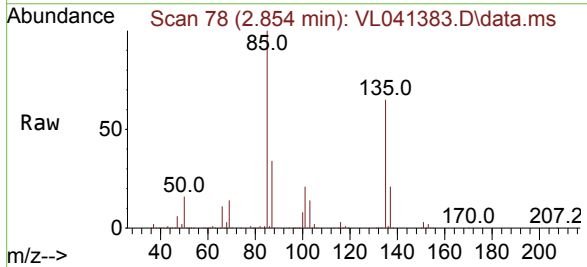
Instrument :
MSVOA_L
ClientSampleId :

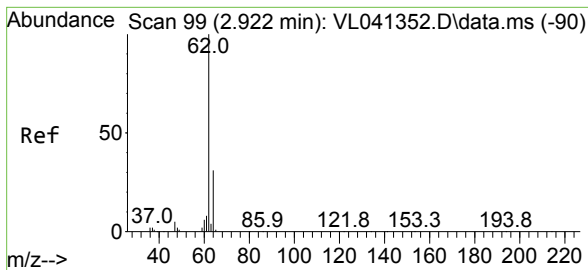
Tgt Ion: 51 Resp: 1626455
Ion Ratio Lower Upper
51 100
67 18.1 14.3 21.5



#4
Chloromethane
Concen: 3.277 ppbv
RT: 2.854 min Scan# 78
Delta R.T. 0.000 min
Lab File: VL041383.D
Acq: 22 Jul 2024 12:41

Tgt Ion: 50 Resp: 219649
Ion Ratio Lower Upper
50 100
52 2.6 25.6 38.4#

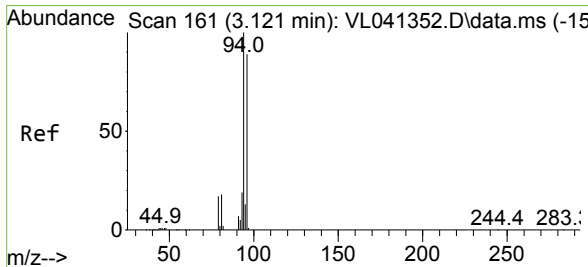
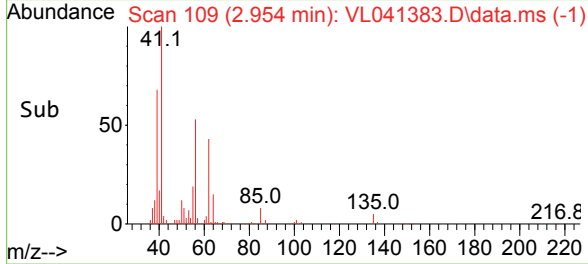
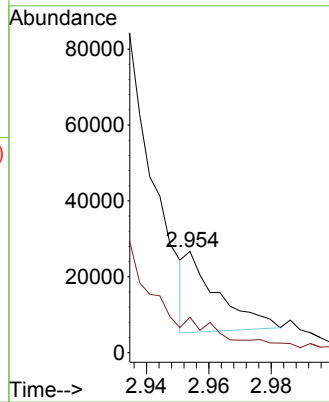
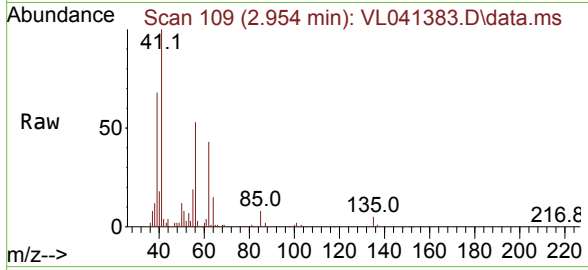




#5
 Vinyl Chloride
 Concen: 0.211 ppbv
 RT: 2.954 min Scan# 109
 Delta R.T. -0.006 min
 Lab File: VL041383.D
 Acq: 22 Jul 2024 12:41

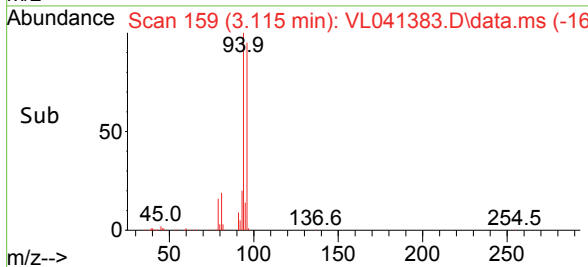
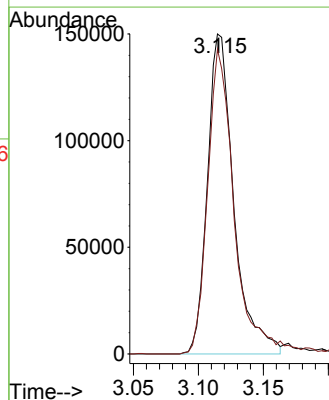
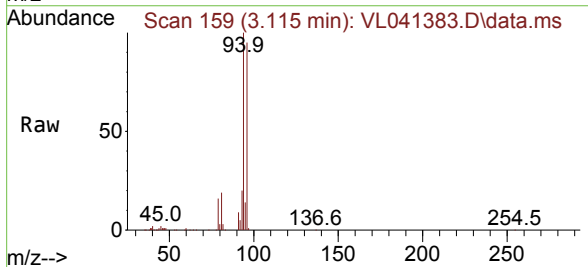
Instrument :
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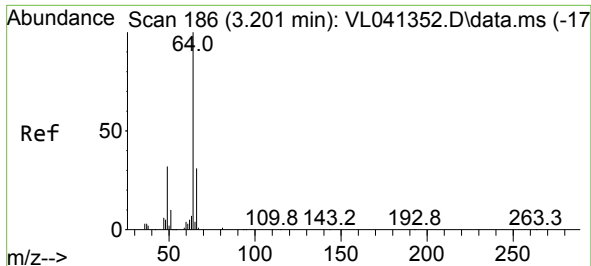
Tgt Ion: 62 Resp: 15262
 Ion Ratio Lower Upper
 62 100
 64 33.7 25.0 37.6



#6
 Bromomethane
 Concen: 9.249 ppbv
 RT: 3.115 min Scan# 159
 Delta R.T. -0.042 min
 Lab File: VL041383.D
 Acq: 22 Jul 2024 12:41

Tgt Ion: 94 Resp: 211949
 Ion Ratio Lower Upper
 94 100
 96 95.2 71.0 106.4

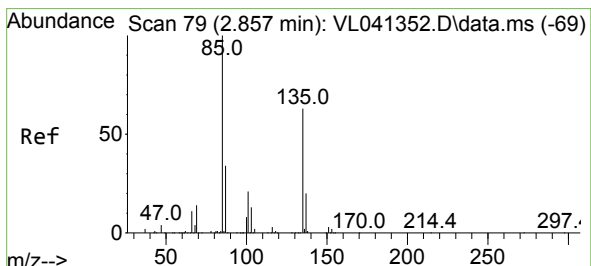
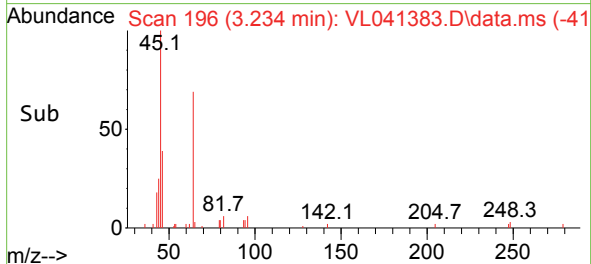
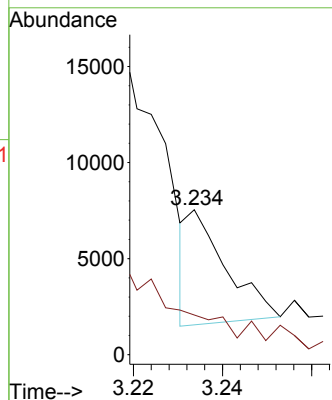
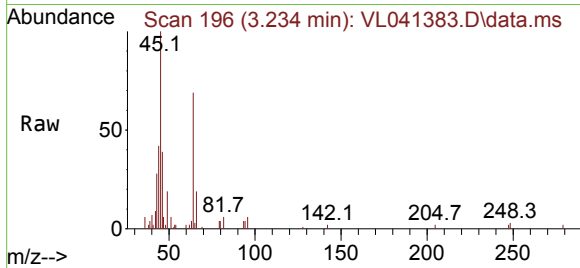




#7
Chloroethane
Concen: 0.147 ppbv
RT: 3.234 min Scan# 196
Delta R.T. -0.003 min
Lab File: VL041383.D
Acq: 22 Jul 2024 12:41

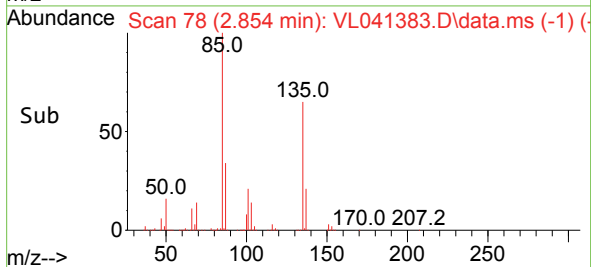
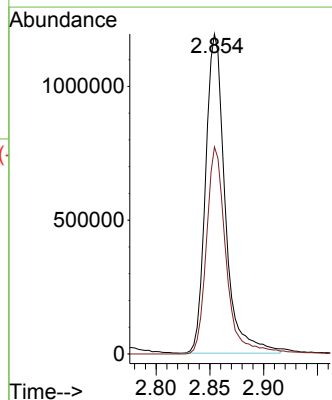
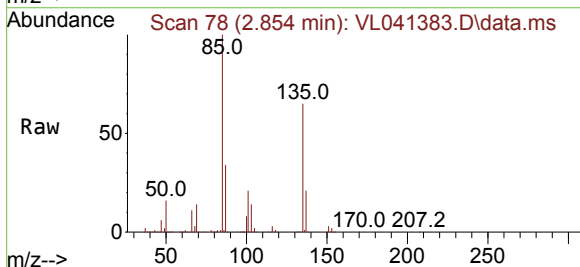
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ClientSampleId :

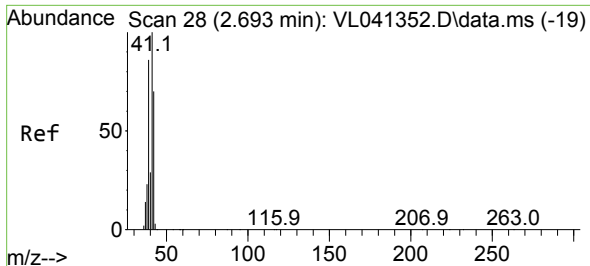
Tgt Ion: 64 Resp: 3527
Ion Ratio Lower Upper
64 100
66 27.4 24.6 36.8



#8
Dichlorotetrafluoroethane
Concen: 8.953 ppbv
RT: 2.854 min Scan# 78
Delta R.T. -0.042 min
Lab File: VL041383.D
Acq: 22 Jul 2024 12:41

Tgt Ion: 85 Resp: 1510630
Ion Ratio Lower Upper
85 100
135 66.0 53.7 80.5

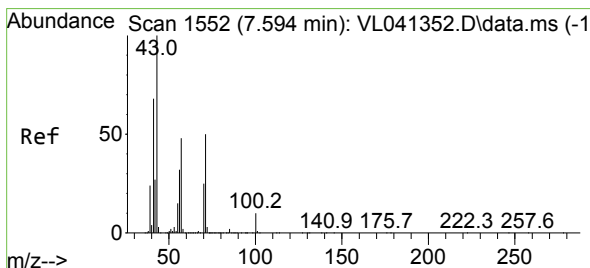
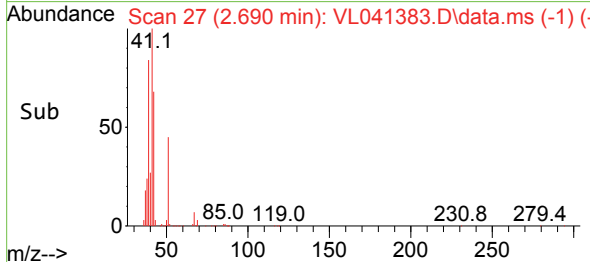
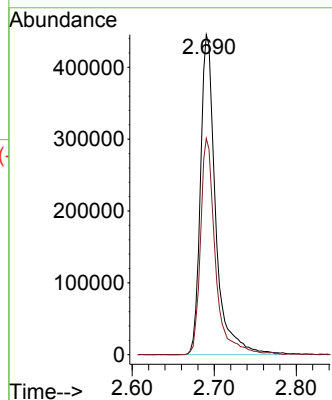
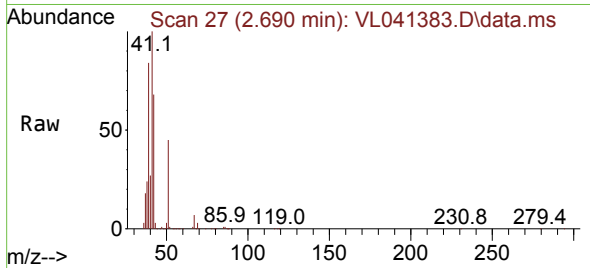




#9
 Propene
 Concen: 9.433 ppbv
 RT: 2.690 min Scan# 21
 Delta R.T. -0.045 min
 Lab File: VL041383.D
 Acq: 22 Jul 2024 12:41

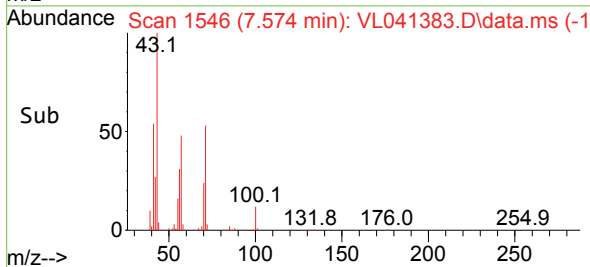
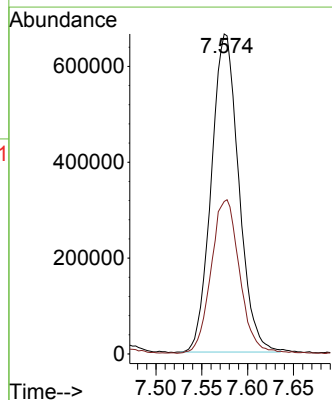
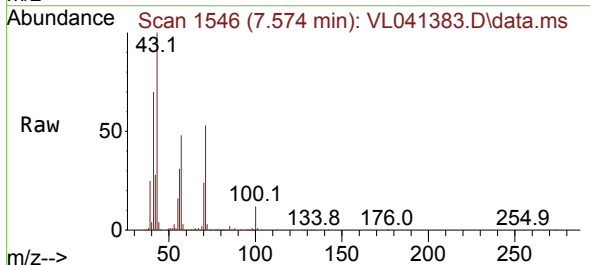
Instrument :
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 ClientSampleId :

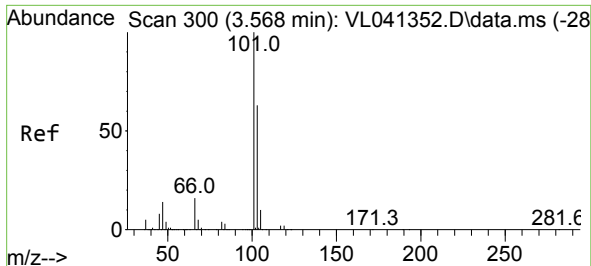
Tgt Ion: 41 Resp: 572558
 Ion Ratio Lower Upper
 41 100
 42 67.1 55.8 83.8



#10
 Heptane
 Concen: 9.701 ppbv
 RT: 7.574 min Scan# 1546
 Delta R.T. -0.016 min
 Lab File: VL041383.D
 Acq: 22 Jul 2024 12:41

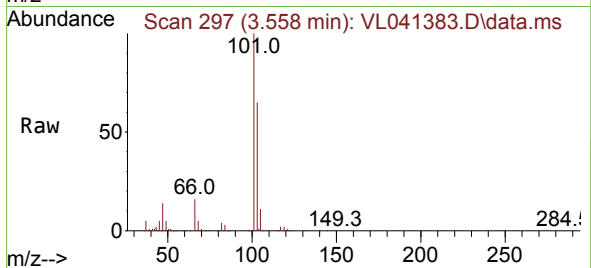
Tgt Ion: 43 Resp: 1383133
 Ion Ratio Lower Upper
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 57 50.2 40.3 60.5



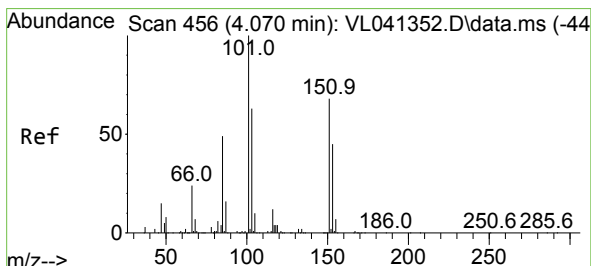
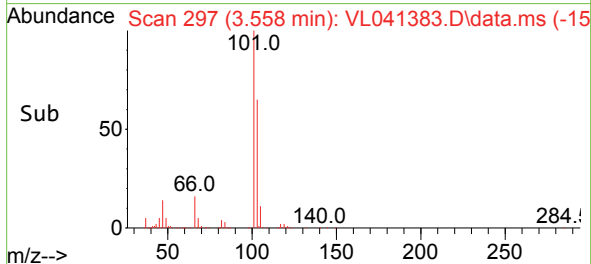
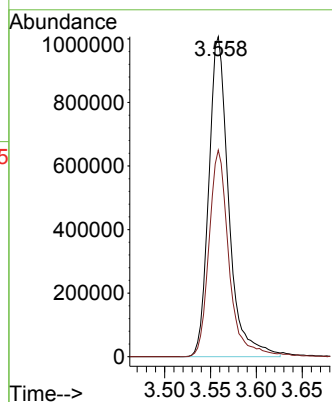


#11
Trichlorofluoromethane
Concen: 9.006 ppbv
RT: 3.558 min Scan# 297
Delta R.T. -0.035 min
Lab File: VL041383.D
Acq: 22 Jul 2024 12:41

Instrument :
MSVOA_L
ClientSampleId :

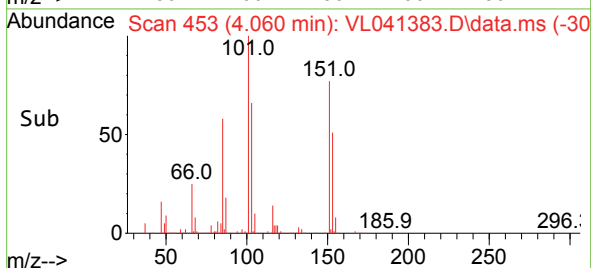
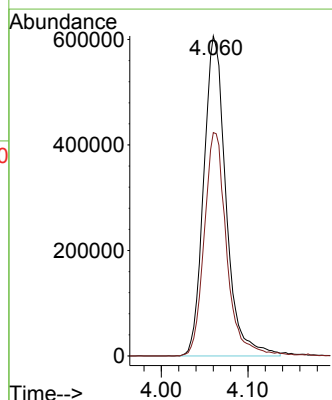
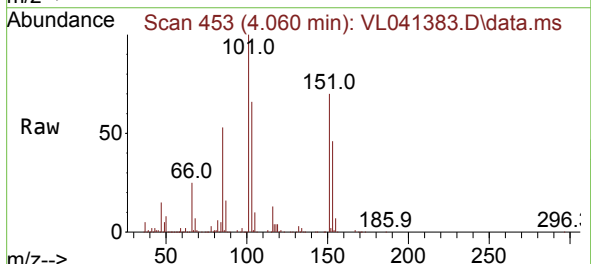


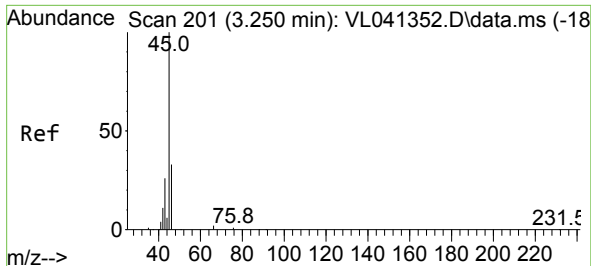
Tgt Ion:101 Resp: 1521803
Ion Ratio Lower Upper
101 100
103 64.5 50.5 75.7



#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.155 ppbv
RT: 4.060 min Scan# 453
Delta R.T. -0.032 min
Lab File: VL041383.D
Acq: 22 Jul 2024 12:41

Tgt Ion:101 Resp: 1084150
Ion Ratio Lower Upper
101 100
151 70.7 57.0 85.6

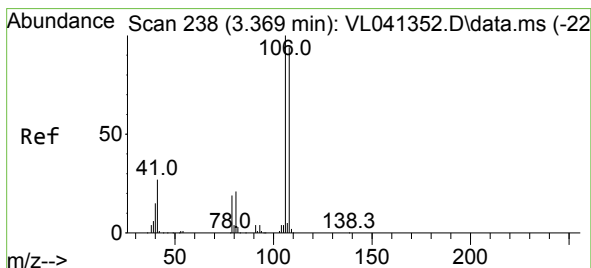
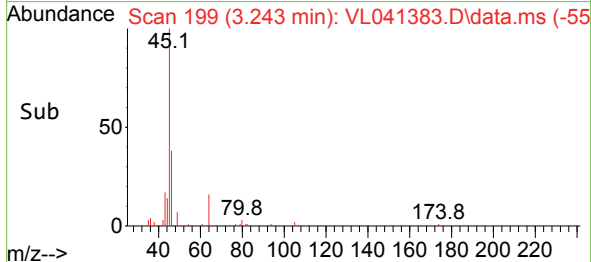
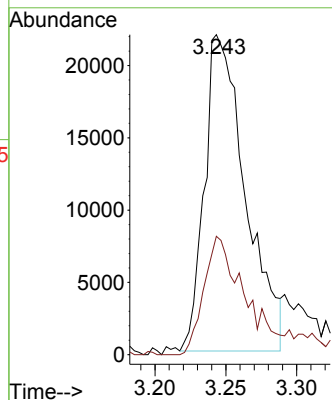
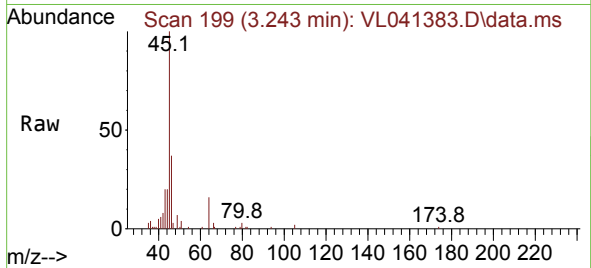




#13
Ethanol
Concen: 3.274 ppbv
RT: 3.243 min Scan# 199
Delta R.T. -0.038 min
Lab File: VL041383.D
Acq: 22 Jul 2024 12:41

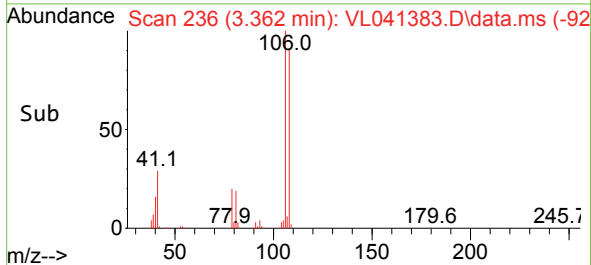
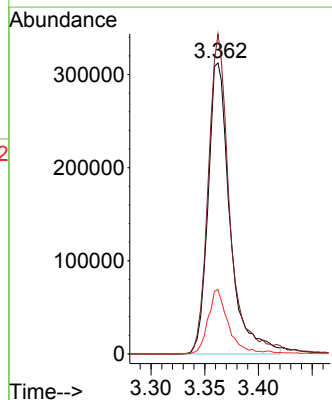
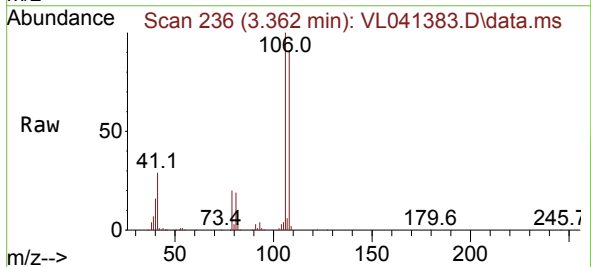
Instrument :
MSVOA_L
ClientSampleId :

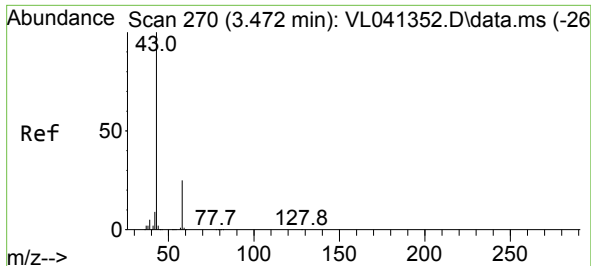
Tgt Ion: 45 Resp: 44091
Ion Ratio Lower Upper
45 100
46 44.8 13.3 53.3



#14
Bromoethene
Concen: 9.352 ppbv
RT: 3.362 min Scan# 236
Delta R.T. -0.038 min
Lab File: VL041383.D
Acq: 22 Jul 2024 12:41

Tgt Ion: 108 Resp: 444263
Ion Ratio Lower Upper
108 100
106 109.1 85.5 128.3
79 21.6 16.3 24.5

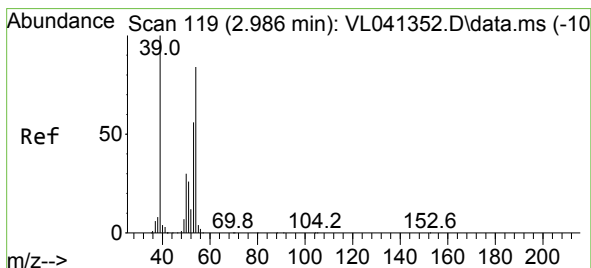
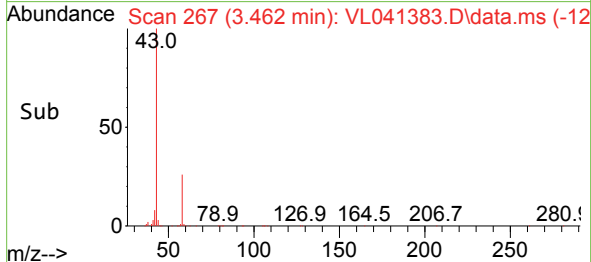
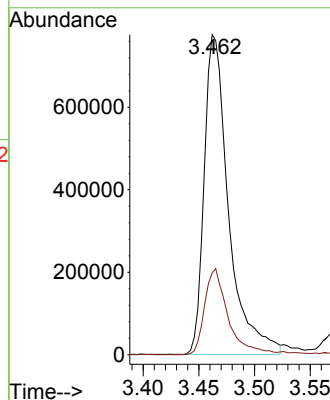
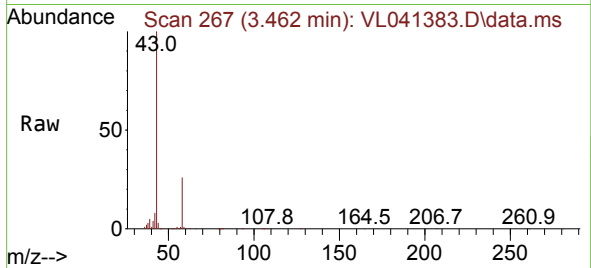




#15
Acetone
Concen: 8.813 ppbv
RT: 3.462 min Scan# 21
Delta R.T. -0.038 min
Lab File: VL041383.D
Acq: 22 Jul 2024 12:41

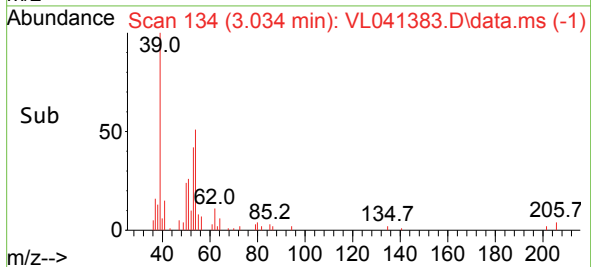
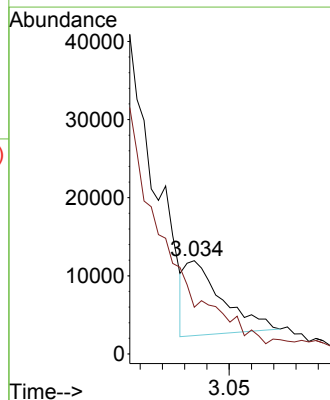
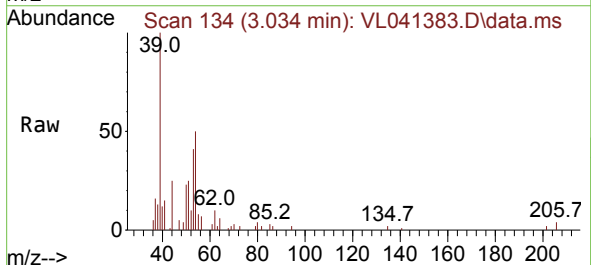
Instrument :
MSVOA_L
ClientSampleId :

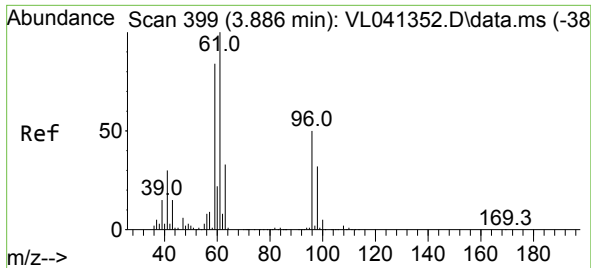
Tgt Ion: 43 Resp: 1184090
Ion Ratio Lower Upper
43 100
58 27.6 20.3 30.5



#16
1,3-Butadiene
Concen: 0.174 ppbv
RT: 3.034 min Scan# 134
Delta R.T. 0.010 min
Lab File: VL041383.D
Acq: 22 Jul 2024 12:41

Tgt Ion: 39 Resp: 11146
Ion Ratio Lower Upper
39 100
54 0.0 60.5 90.7#

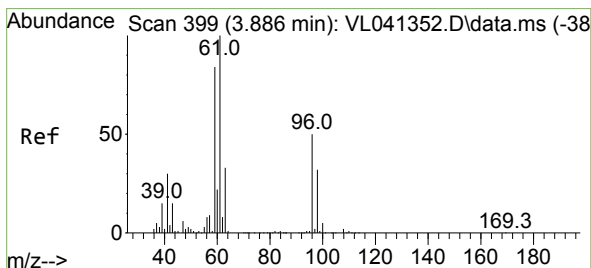
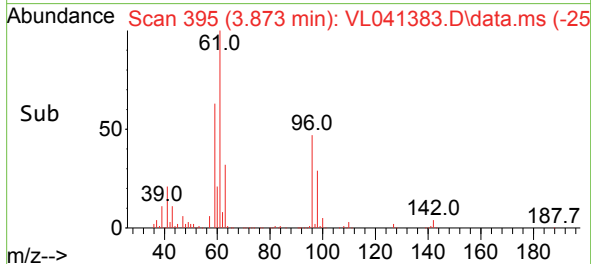
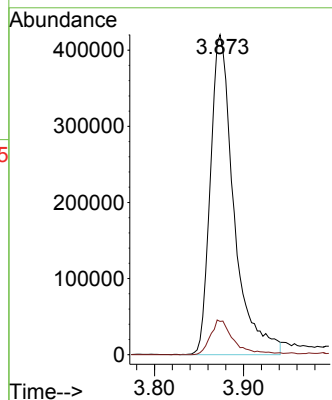
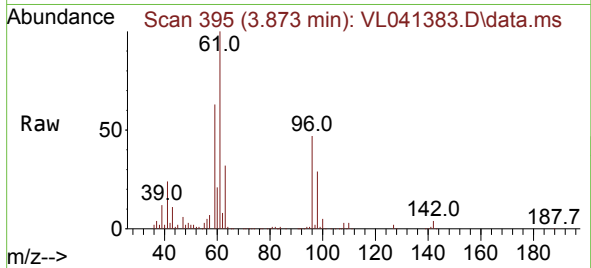




#17
tert-Butyl alcohol
Concen: 7.441 ppbv
RT: 3.873 min Scan# 395
Delta R.T. -0.035 min
Lab File: VL041383.D
Acq: 22 Jul 2024 12:41

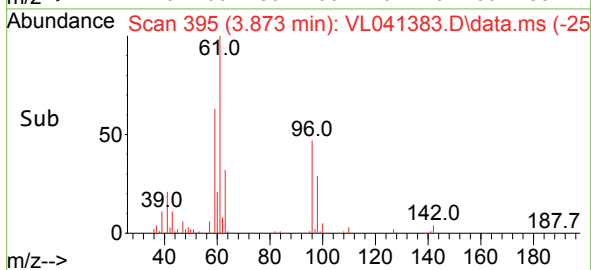
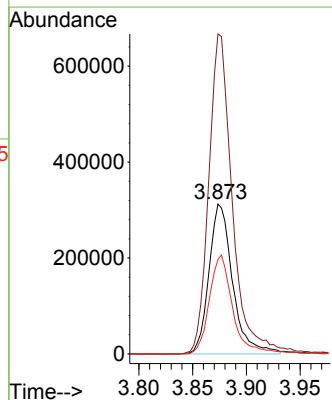
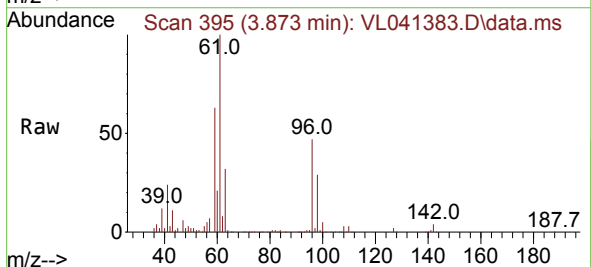
Instrument :
MSVOA_L
ClientSampleId :

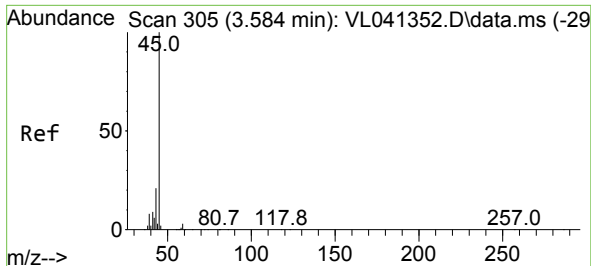
Tgt Ion: 59 Resp: 771262
Ion Ratio Lower Upper
59 100
57 10.8 8.4 12.6



#18
1,1-Dichloroethene
Concen: 9.198 ppbv
RT: 3.873 min Scan# 395
Delta R.T. -0.035 min
Lab File: VL041383.D
Acq: 22 Jul 2024 12:41

Tgt Ion: 96 Resp: 478869
Ion Ratio Lower Upper
96 100
61 213.2 160.3 240.5
98 62.9 51.6 77.4

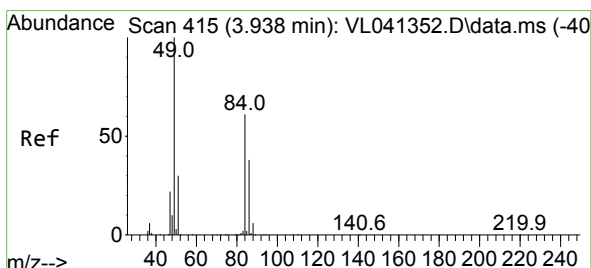
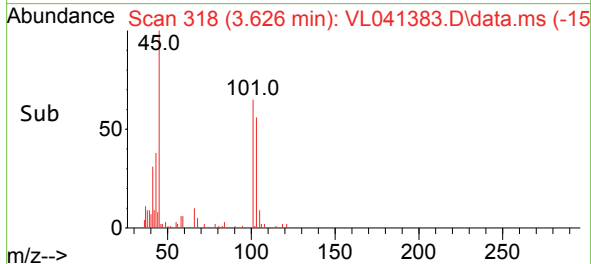
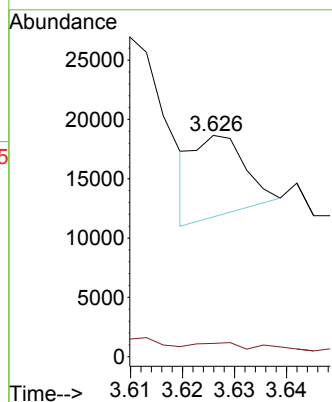
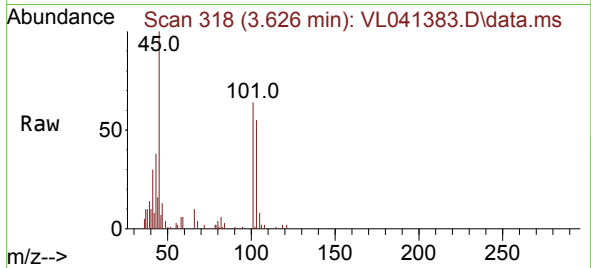




#19
Isopropyl Alcohol
Concen: 0.064 ppbv
RT: 3.626 min Scan# 318
Delta R.T. 0.016 min
Lab File: VL041383.D
Acq: 22 Jul 2024 12:41

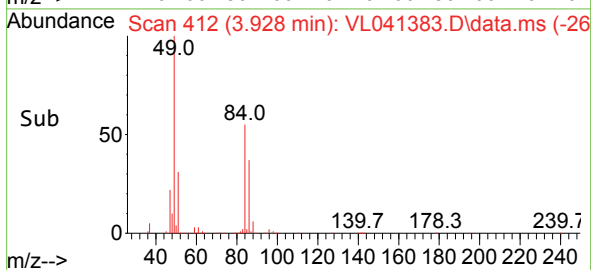
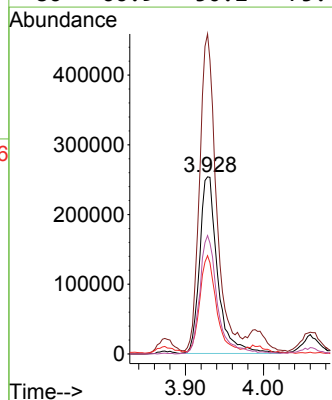
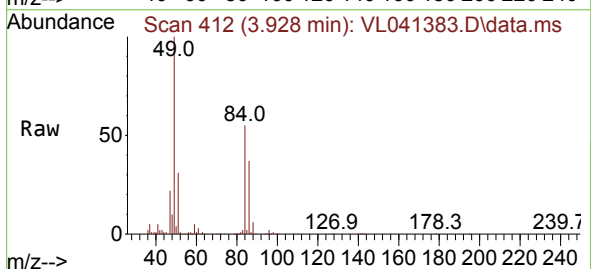
Instrument :
MSVOA_L
ClientSampleId :

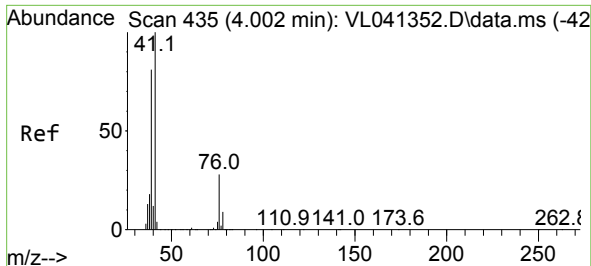
Tgt Ion: 45 Resp: 4739
Ion Ratio Lower Upper
45 100
58 0.0 1.6 2.4#



#20
Methylene Chloride
Concen: 8.345 ppbv
RT: 3.928 min Scan# 412
Delta R.T. -0.035 min
Lab File: VL041383.D
Acq: 22 Jul 2024 12:41

Tgt Ion: 84 Resp: 406840
Ion Ratio Lower Upper
84 100
49 179.0 131.8 197.6
51 54.7 39.6 59.4
86 66.9 50.2 75.4





#21

Allyl Chloride

Concen: 9.495 ppbv

RT: 3.992 min Scan# 41

Delta R.T. -0.032 min

Lab File: VL041383.D

Acq: 22 Jul 2024 12:41

Instrument :

MSVOA_L

ClientSampleId :

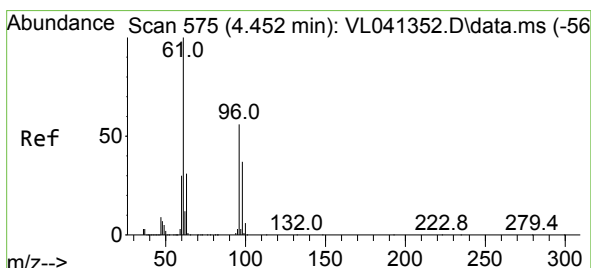
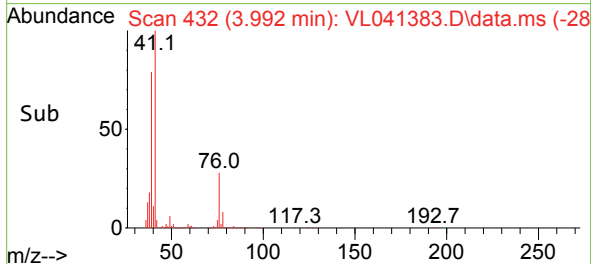
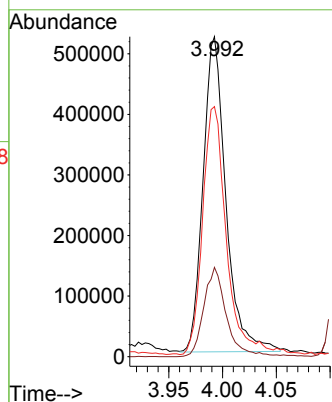
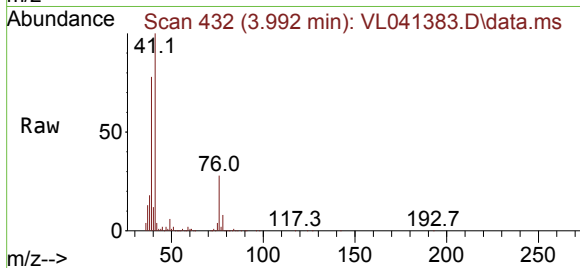
Tgt Ion: 41 Resp: 769531

Ion Ratio Lower Upper

41 100

76 28.3 23.3 34.9

39 82.3 66.0 99.0



#22

trans-1,2-Dichloroethene

Concen: 9.292 ppbv

RT: 4.439 min Scan# 571

Delta R.T. -0.032 min

Lab File: VL041383.D

Acq: 22 Jul 2024 12:41

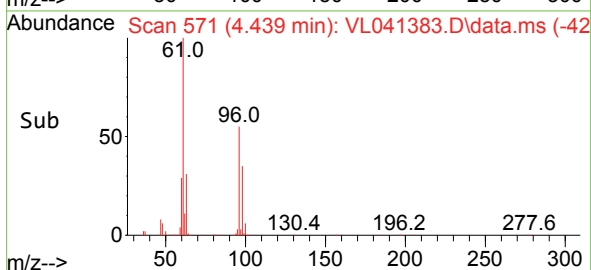
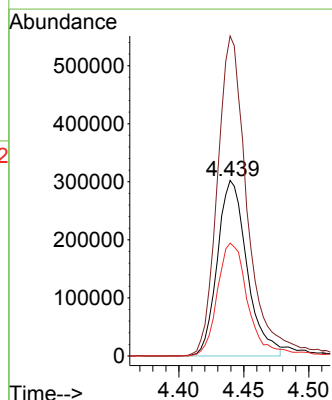
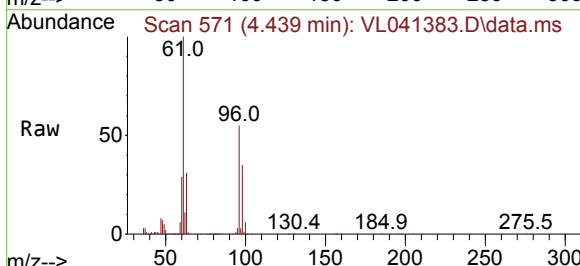
Tgt Ion: 96 Resp: 480469

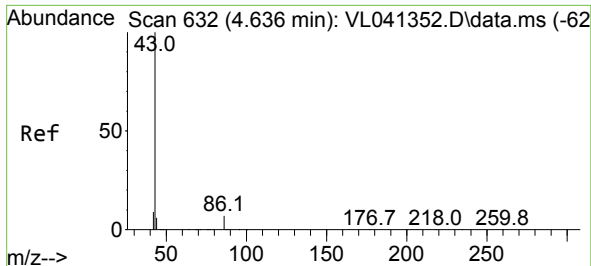
Ion Ratio Lower Upper

96 100

61 182.4 142.0 213.0

98 64.3 52.2 78.2



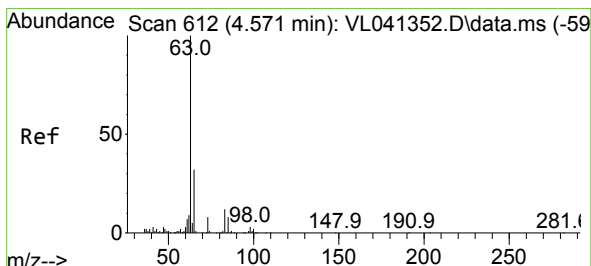
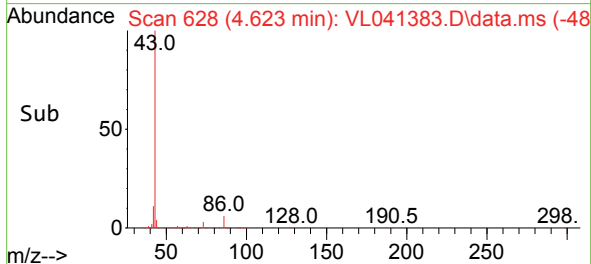
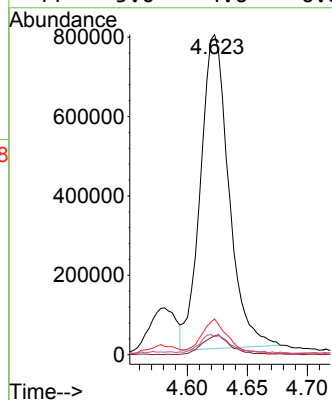
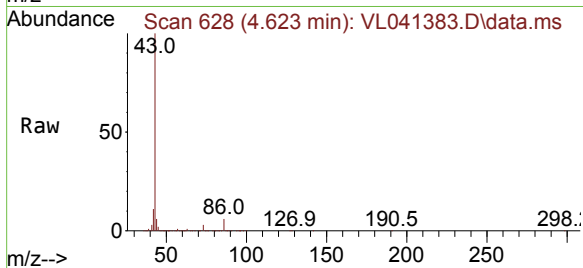


#23
 Vinyl Acetate
 Concen: 9.829 ppbv
 RT: 4.623 min Scan# 61
 Delta R.T. -0.029 min
 Lab File: VL041383.D
 Acq: 22 Jul 2024 12:41

Instrument :
 MSVOA_L
 ClientSampleId :

Tgt Ion: 43 Resp: 1301822

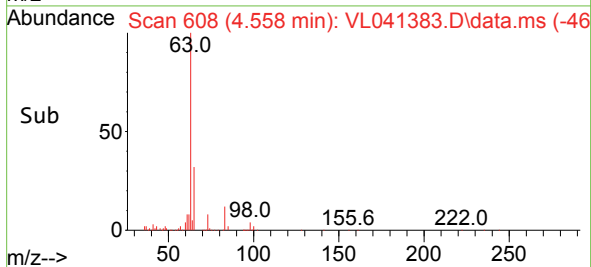
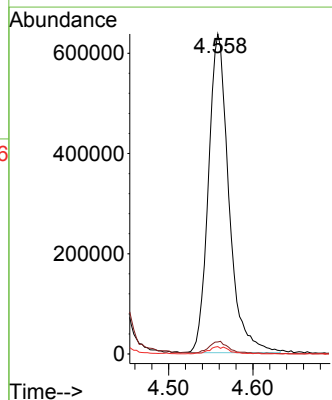
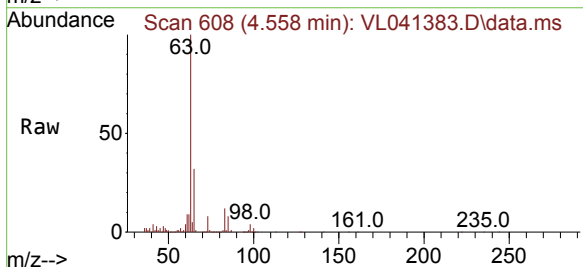
Ion	Ratio	Lower	Upper
43	100		
86	5.9	5.0	7.4
42	11.1	7.9	11.9
44	5.0	4.6	6.8

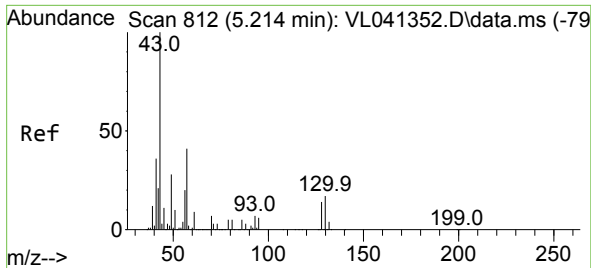


#24
 1,1-Dichloroethane
 Concen: 9.336 ppbv
 RT: 4.558 min Scan# 608
 Delta R.T. -0.029 min
 Lab File: VL041383.D
 Acq: 22 Jul 2024 12:41

Tgt Ion: 63 Resp: 1071993

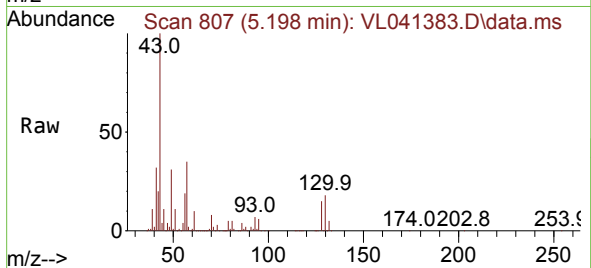
Ion	Ratio	Lower	Upper
63	100		
98	3.7	1.8	5.4
100	2.3	1.1	3.3





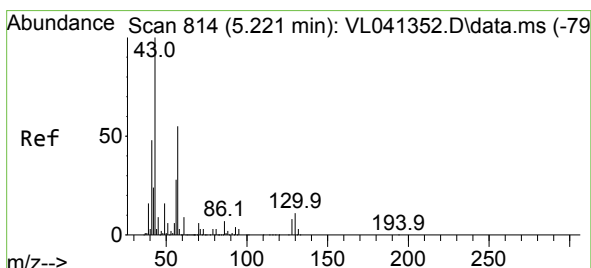
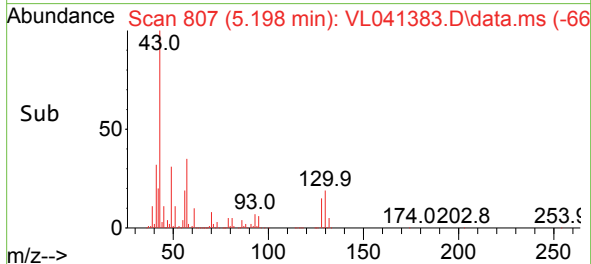
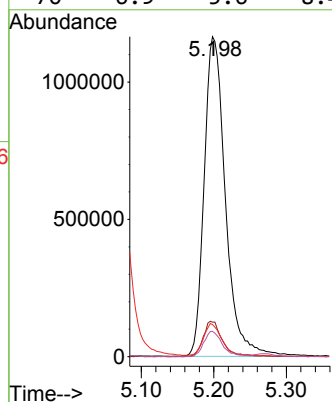
#25
Ethyl Acetate
Concen: 9.543 ppbv
RT: 5.198 min Scan# 807
Delta R.T. -0.029 min
Lab File: VL041383.D
Acq: 22 Jul 2024 12:41

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion: 43 Resp: 2360891

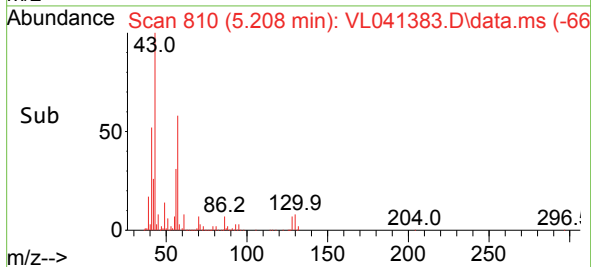
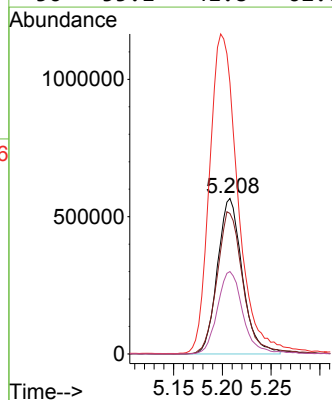
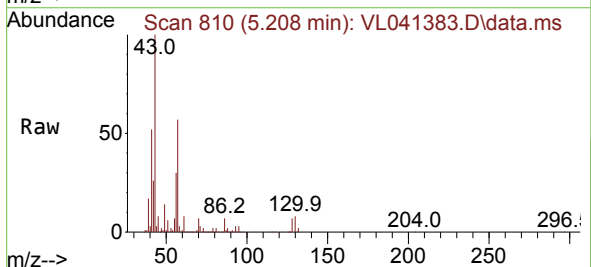
Ion	Ratio	Lower	Upper
43	100		
45	10.1	8.3	12.5
61	9.6	7.7	11.5
70	6.9	5.6	8.4

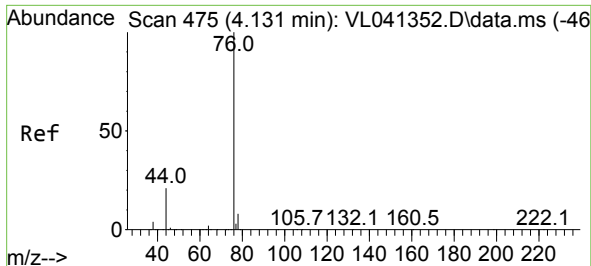


#26
Hexane
Concen: 9.165 ppbv
RT: 5.208 min Scan# 810
Delta R.T. -0.022 min
Lab File: VL041383.D
Acq: 22 Jul 2024 12:41

Tgt Ion: 57 Resp: 1004003

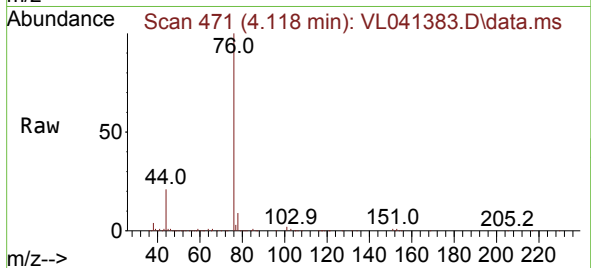
Ion	Ratio	Lower	Upper
57	100		
41	96.7	73.7	110.5
43	236.6	182.2	273.2
56	55.1	41.8	62.6





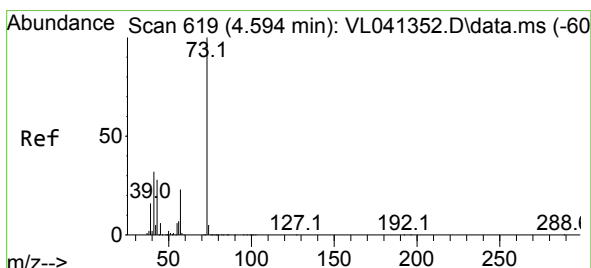
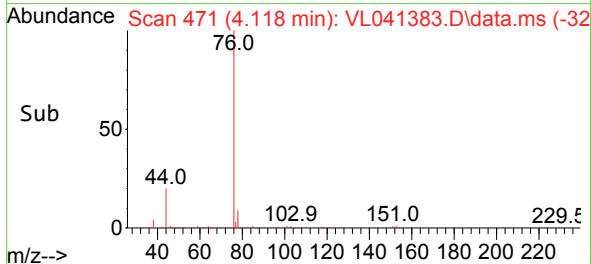
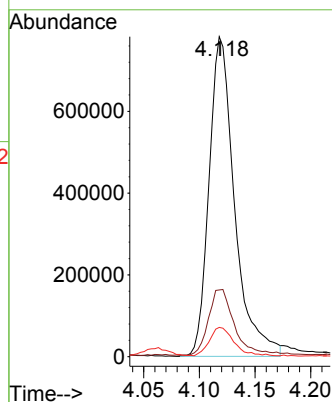
#27
Carbon Disulfide
Concen: 9.385 ppbv
RT: 4.118 min Scan# 411
Delta R.T. -0.032 min
Lab File: VL041383.D
Acq: 22 Jul 2024 12:41

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion: 76 Resp: 1250980

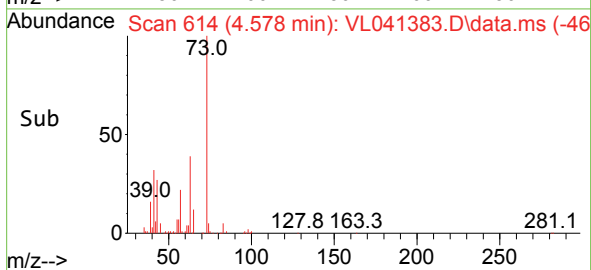
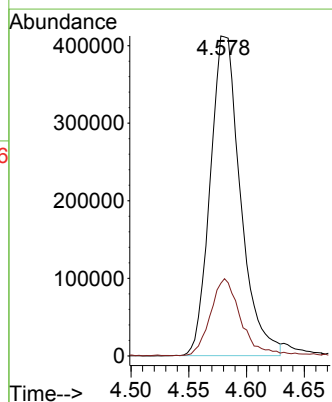
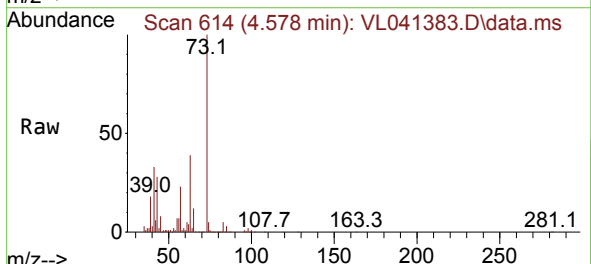
Ion	Ratio	Lower	Upper
76	100		
44	22.7	17.4	26.2
78	9.6	7.3	10.9

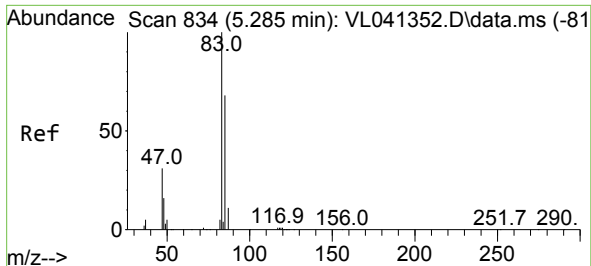


#28
Methyl tert-Butyl Ether
Concen: 9.235 ppbv
RT: 4.578 min Scan# 614
Delta R.T. -0.032 min
Lab File: VL041383.D
Acq: 22 Jul 2024 12:41

Tgt Ion: 73 Resp: 750365

Ion	Ratio	Lower	Upper
73	100		
57	24.8	19.9	29.9





#29

Chloroform

Concen: 9.494 ppbv

RT: 5.269 min Scan# 81

Delta R.T. -0.026 min

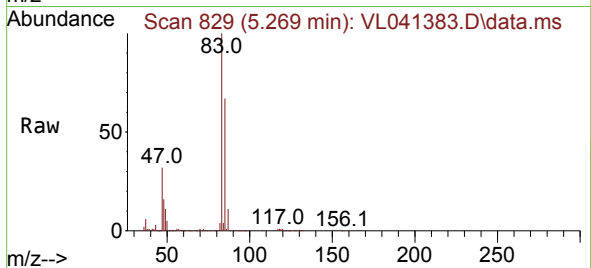
Lab File: VL041383.D

Acq: 22 Jul 2024 12:41

Instrument :

MSVOA_L

ClientSampleId :

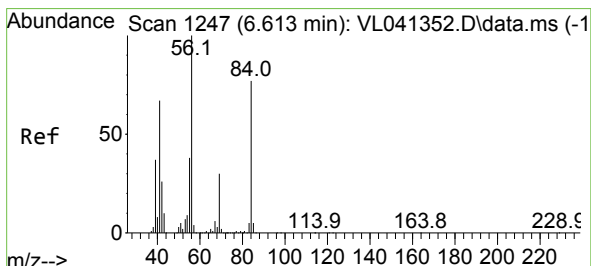
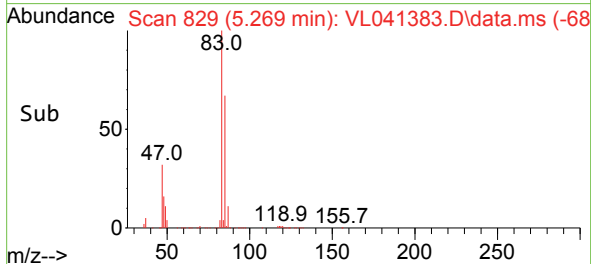
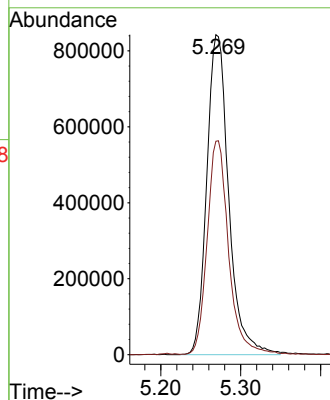


Tgt Ion: 83 Resp: 1604684

Ion Ratio Lower Upper

83 100

85 66.6 54.2 81.4



#30

Cyclohexane

Concen: 9.845 ppbv

RT: 6.597 min Scan# 1242

Delta R.T. -0.019 min

Lab File: VL041383.D

Acq: 22 Jul 2024 12:41

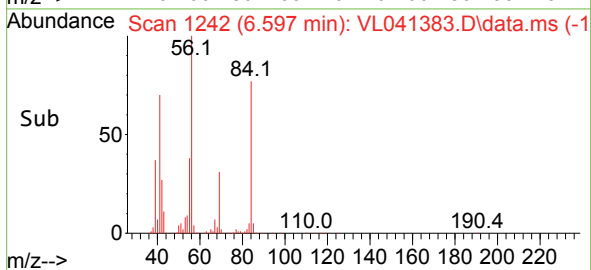
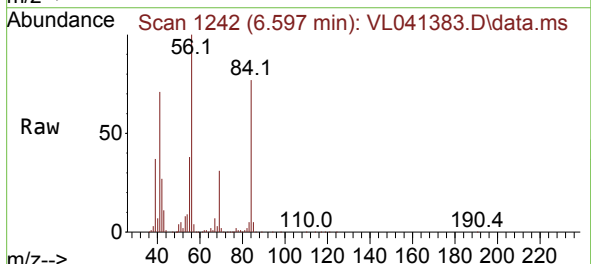
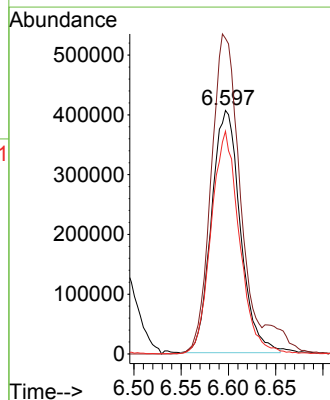
Tgt Ion: 84 Resp: 859233

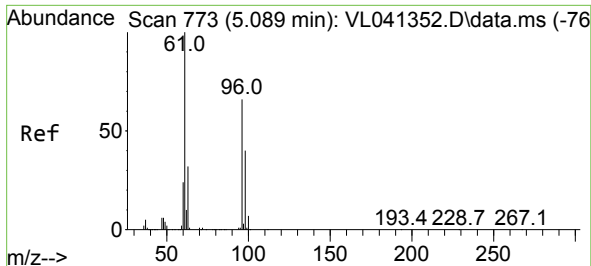
Ion Ratio Lower Upper

84 100

56 140.2 112.4 168.6

41 90.0 72.7 109.1

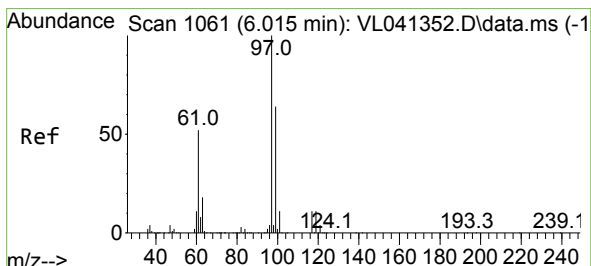
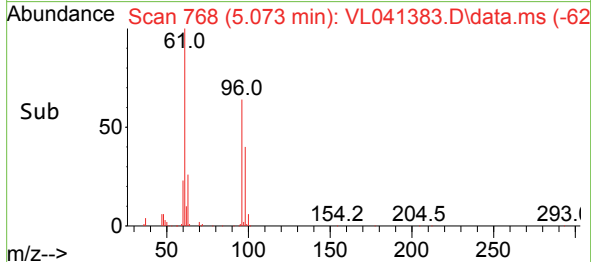
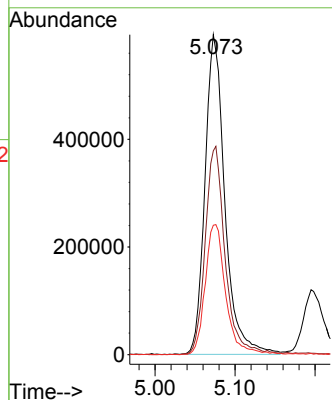
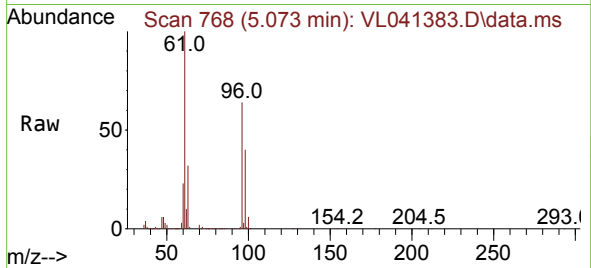




#31
cis-1,2-Dichloroethene
Concen: 9.786 ppbv
RT: 5.073 min Scan# 71
Delta R.T. -0.026 min
Lab File: VL041383.D
Acq: 22 Jul 2024 12:41

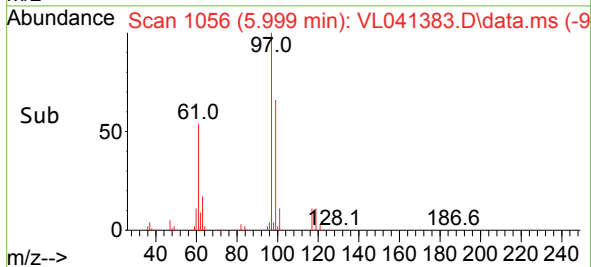
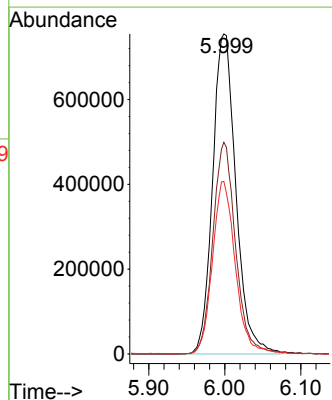
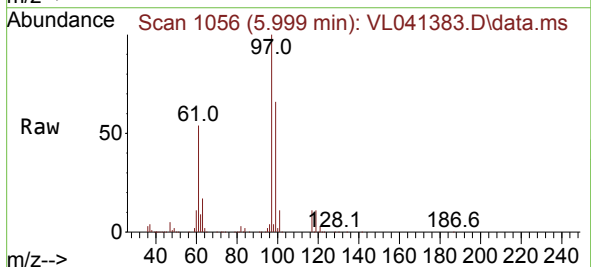
Instrument :
MSVOA_L
ClientSampleId :

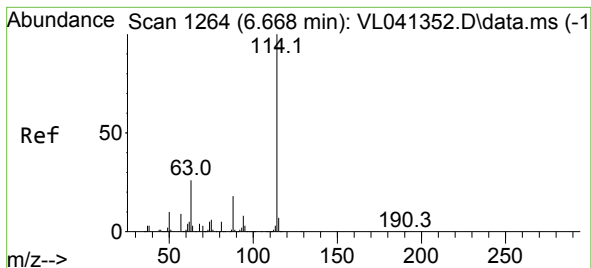
Tgt Ion: 61 Resp: 1027799
Ion Ratio Lower Upper
61 100
96 63.7 52.6 79.0
98 40.5 32.3 48.5



#32
1,1,1-Trichloroethane
Concen: 9.045 ppbv
RT: 5.999 min Scan# 1056
Delta R.T. -0.019 min
Lab File: VL041383.D
Acq: 22 Jul 2024 12:41

Tgt Ion: 97 Resp: 1604619
Ion Ratio Lower Upper
97 100
99 64.6 52.0 78.0
61 53.3 43.0 64.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.652 min Scan# 114

Delta R.T. -0.016 min

Lab File: VL041383.D

Acq: 22 Jul 2024 12:41

Instrument :

MSVOA_L

ClientSampleId :

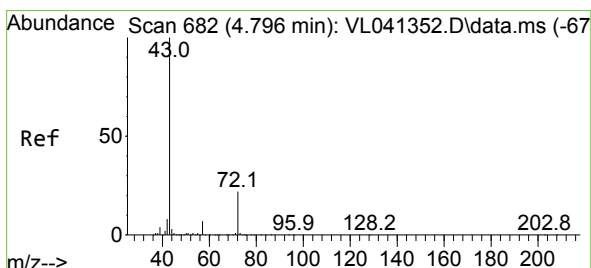
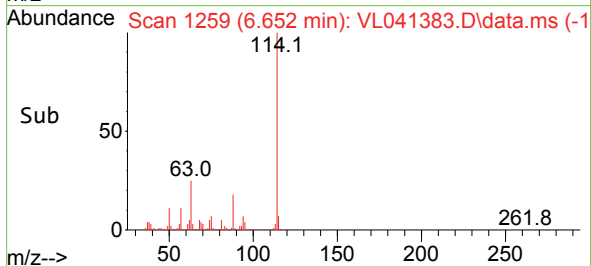
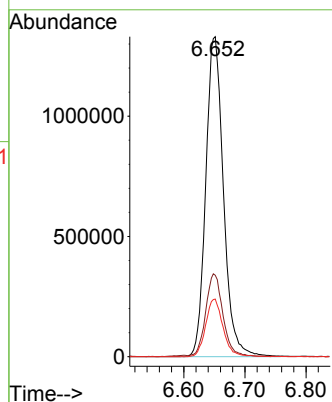
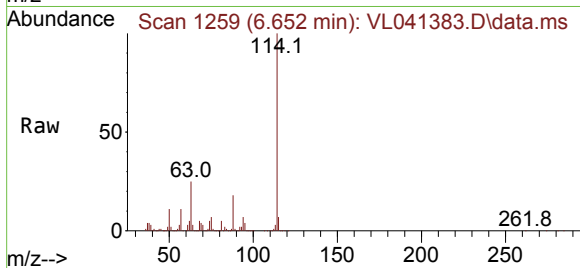
Tgt Ion:114 Resp: 2674592

Ion Ratio Lower Upper

114 100

63 25.7 20.6 31.0

88 17.8 14.6 21.8



#34

2-Butanone

Concen: 10.026 ppbv

RT: 4.780 min Scan# 677

Delta R.T. -0.029 min

Lab File: VL041383.D

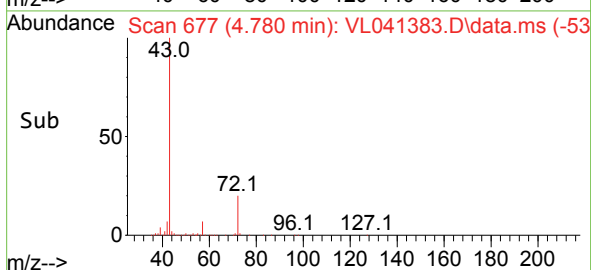
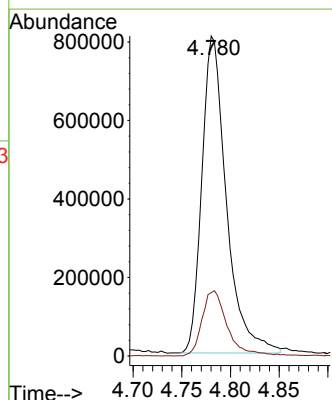
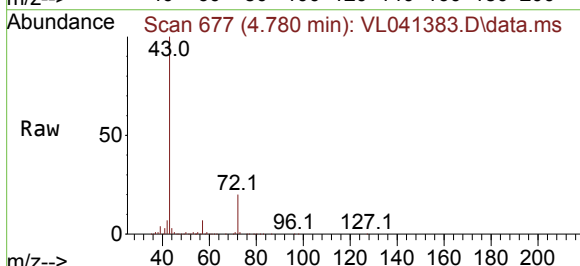
Acq: 22 Jul 2024 12:41

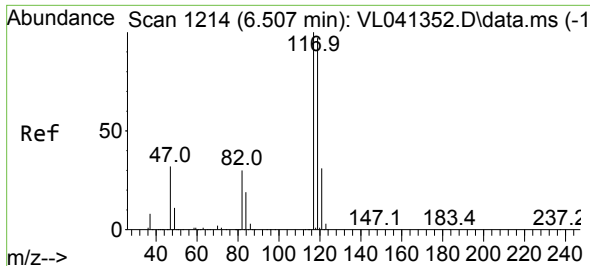
Tgt Ion: 43 Resp: 1415082

Ion Ratio Lower Upper

43 100

72 21.4 17.2 25.8

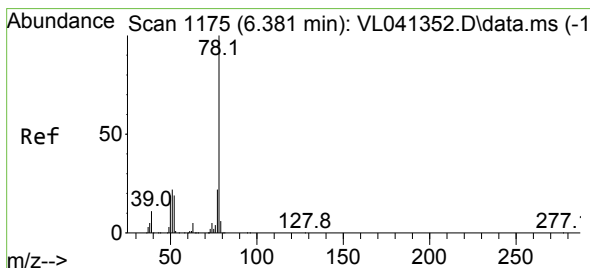
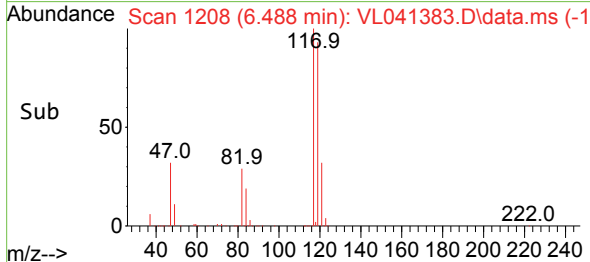
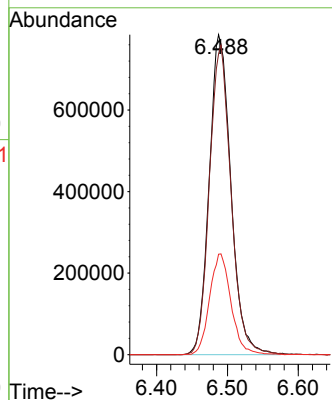
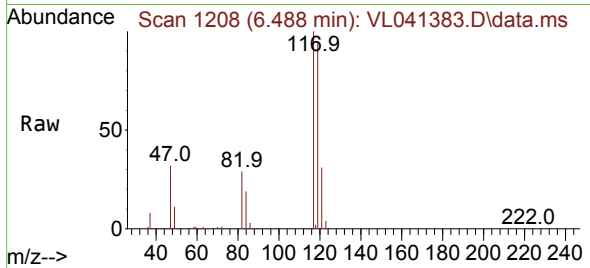




#35
Carbon Tetrachloride
Concen: 9.458 ppbv
RT: 6.488 min Scan# 1170
Delta R.T. -0.022 min
Lab File: VL041383.D
Acq: 22 Jul 2024 12:41

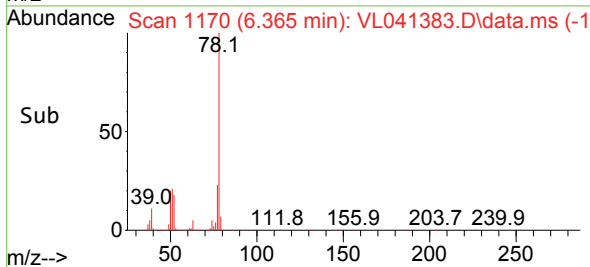
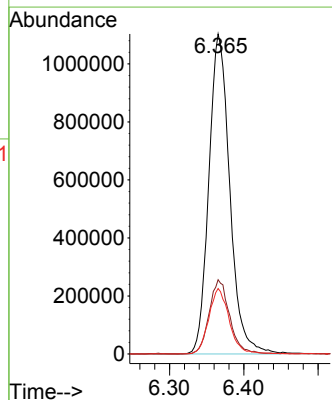
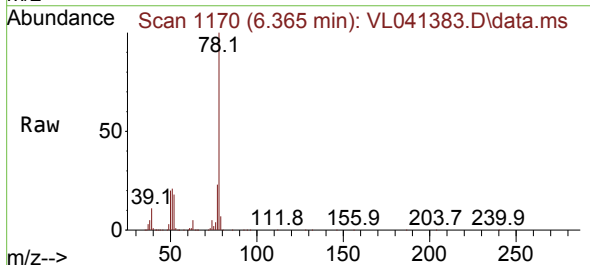
Instrument :
MSVOA_L
ClientSampleId :

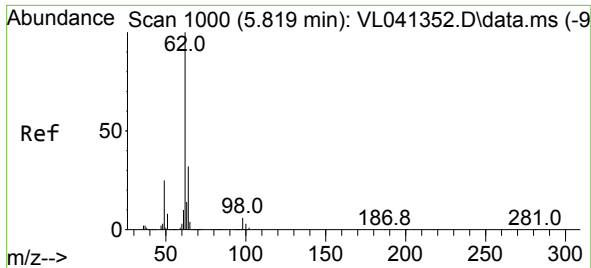
Tgt Ion:117 Resp: 1670444
Ion Ratio Lower Upper
117 100
119 94.0 77.2 115.8
121 31.4 25.2 37.8



#36
Benzene
Concen: 9.747 ppbv
RT: 6.365 min Scan# 1170
Delta R.T. -0.022 min
Lab File: VL041383.D
Acq: 22 Jul 2024 12:41

Tgt Ion: 78 Resp: 2157498
Ion Ratio Lower Upper
78 100
77 23.2 17.9 26.9
50 20.4 15.5 23.3

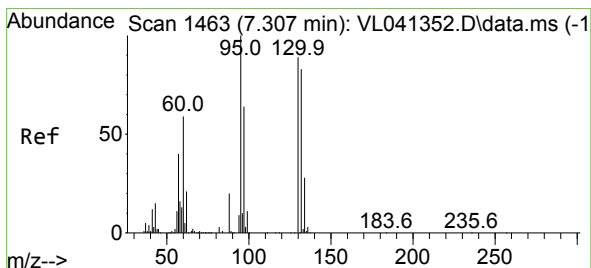
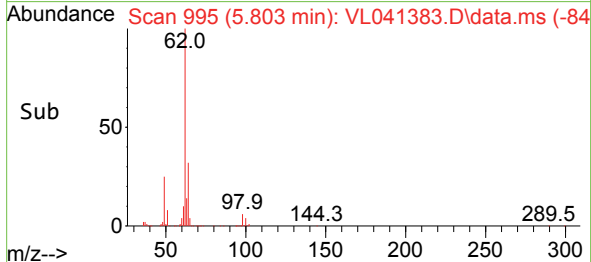
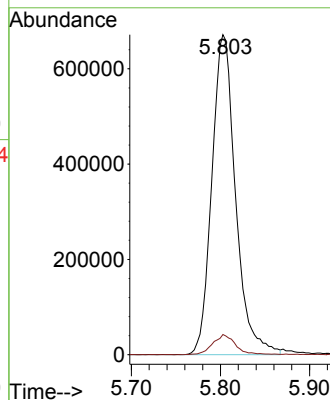
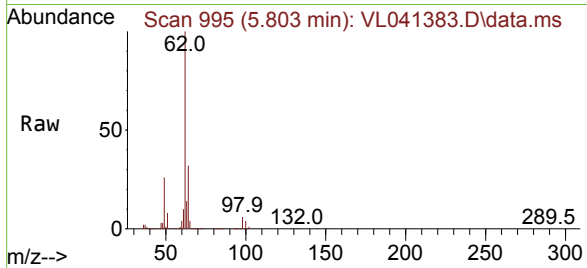




#37
1,2-Dichloroethane
Concen: 9.794 ppbv
RT: 5.803 min Scan# 91
Delta R.T. -0.022 min
Lab File: VL041383.D
Acq: 22 Jul 2024 12:41

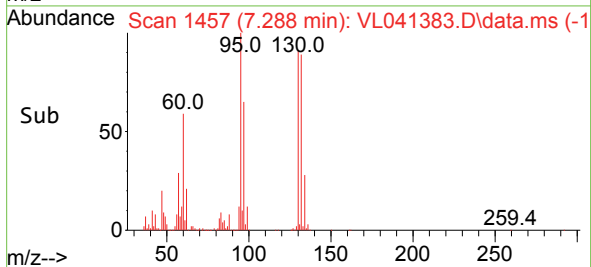
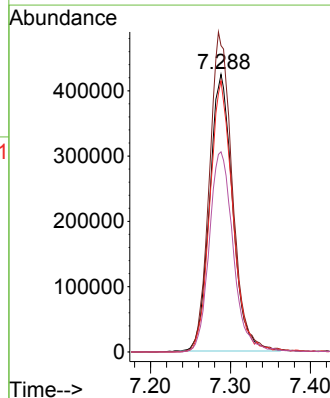
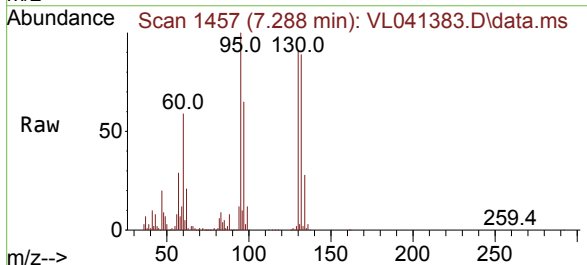
Instrument :
MSVOA_L
ClientSampleId :

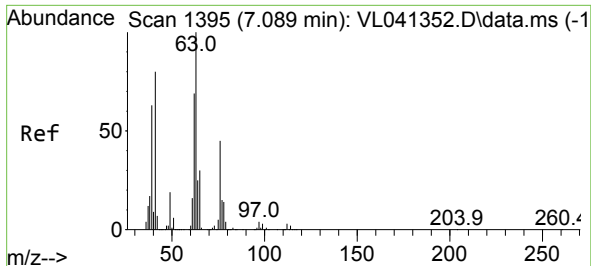
Tgt Ion: 62 Resp: 1243923
Ion Ratio Lower Upper
62 100
98 6.2 4.8 7.2



#38
Trichloroethene
Concen: 8.799 ppbv
RT: 7.288 min Scan# 1457
Delta R.T. -0.016 min
Lab File: VL041383.D
Acq: 22 Jul 2024 12:41

Tgt Ion:130 Resp: 848452
Ion Ratio Lower Upper
130 100
95 110.7 90.0 135.0
132 98.0 74.8 112.2
97 72.3 57.5 86.3





#39

1,2-Dichloropropane

Concen: 9.835 ppbv

RT: 7.069 min Scan# 11

Delta R.T. -0.019 min

Lab File: VL041383.D

Acq: 22 Jul 2024 12:41

Instrument :

MSVOA_L

ClientSampleId :

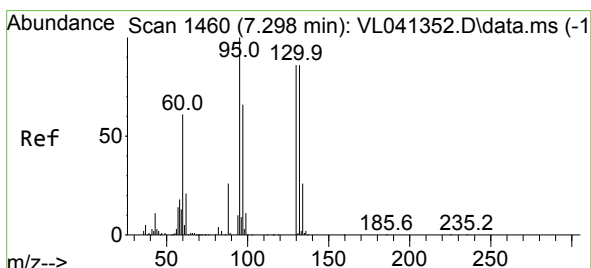
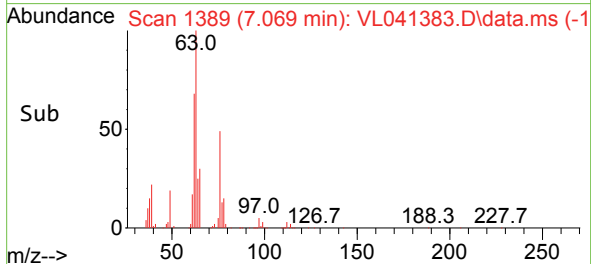
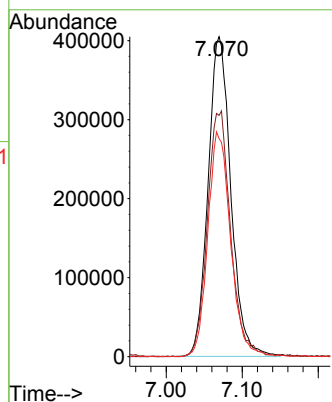
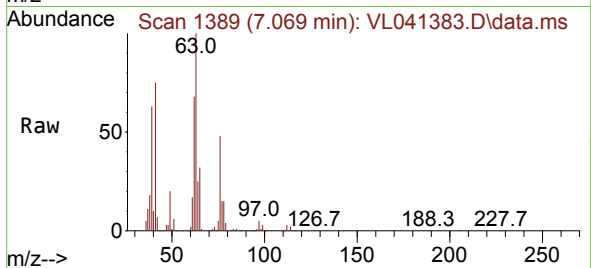
Tgt Ion: 63 Resp: 841294

Ion Ratio Lower Upper

63 100

41 75.4 64.0 96.0

62 68.2 55.2 82.8



#40

1,4-Dioxane

Concen: 1.349 ppbv

RT: 7.285 min Scan# 1456

Delta R.T. -0.016 min

Lab File: VL041383.D

Acq: 22 Jul 2024 12:41

Tgt Ion: 88 Resp: 37002

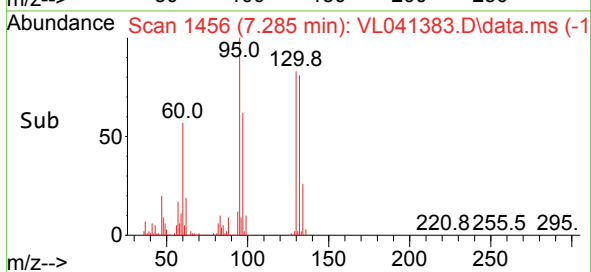
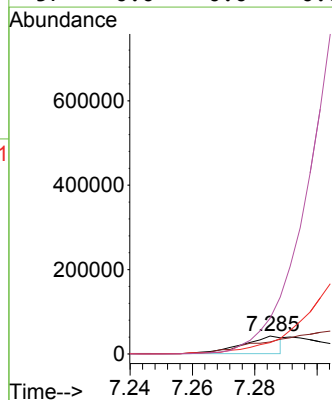
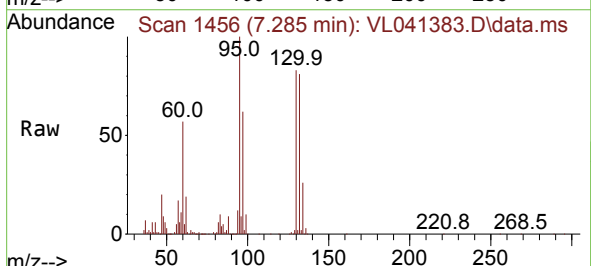
Ion Ratio Lower Upper

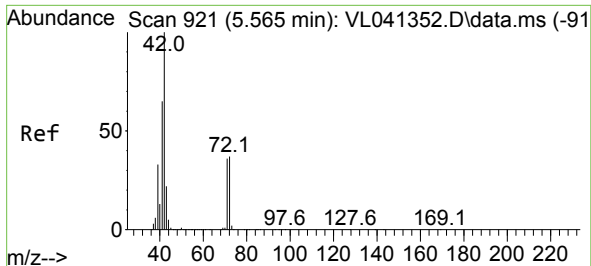
88 100

58 0.0 47.9 71.9#

43 0.0 0.0 0.0

57 0.0 0.0 0.0





#41

Tetrahydrofuran

Concen: 9.909 ppbv

RT: 5.552 min Scan# 91

Delta R.T. -0.026 min

Lab File: VL041383.D

Acq: 22 Jul 2024 12:41

Instrument :

MSVOA_L

ClientSampleId :

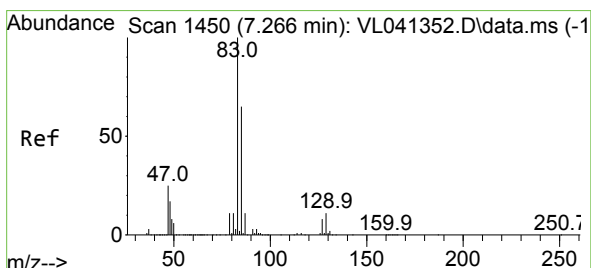
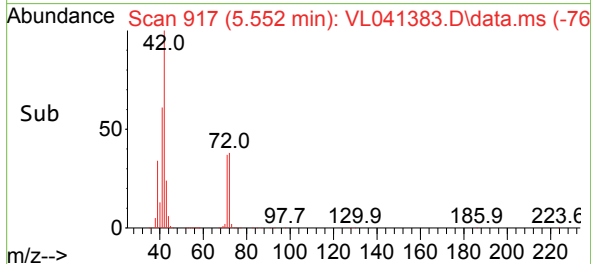
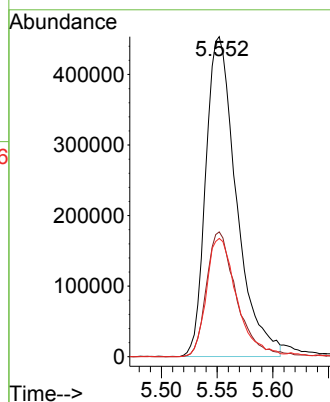
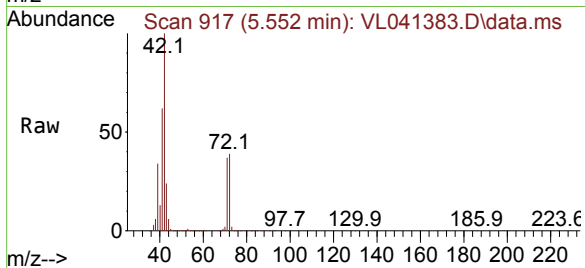
Tgt Ion: 42 Resp: 866214

Ion Ratio Lower Upper

42 100

72 39.1 30.3 45.5

71 37.9 29.7 44.5



#42

Bromodichloromethane

Concen: 10.203 ppbv

RT: 7.246 min Scan# 1444

Delta R.T. -0.013 min

Lab File: VL041383.D

Acq: 22 Jul 2024 12:41

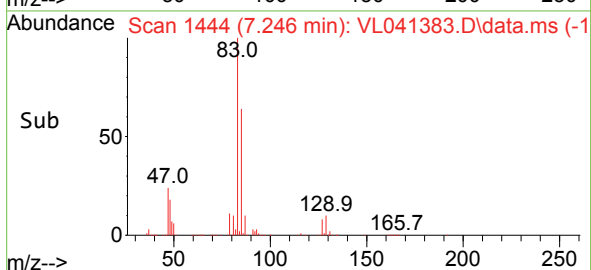
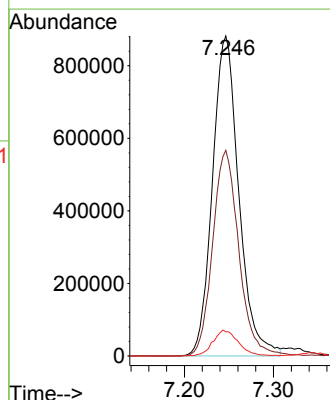
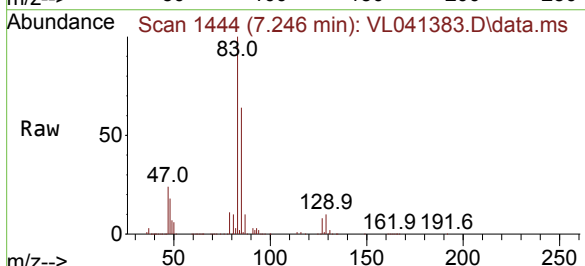
Tgt Ion: 83 Resp: 1813032

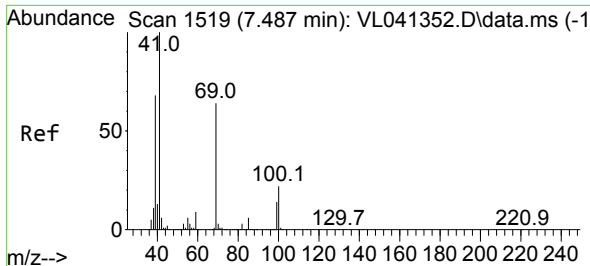
Ion Ratio Lower Upper

83 100

85 64.3 52.0 78.0

127 7.5 6.0 9.0

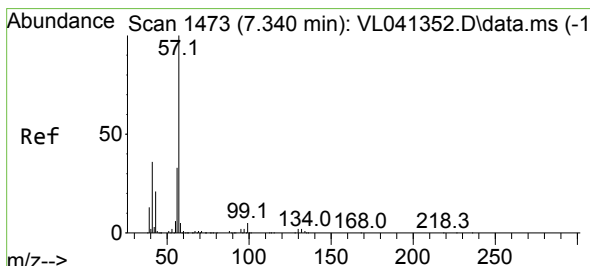
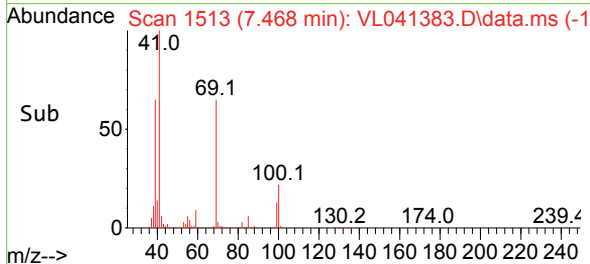
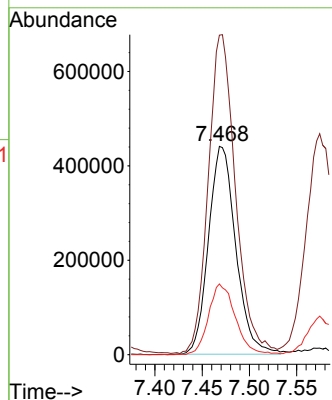
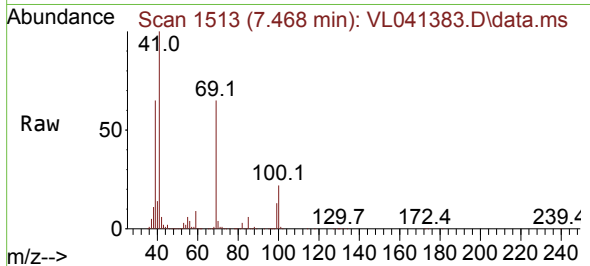




#43
Methyl Methacrylate
Concen: 10.657 ppbv
RT: 7.468 min Scan# 11
Delta R.T. -0.019 min
Lab File: VL041383.D
Acq: 22 Jul 2024 12:41

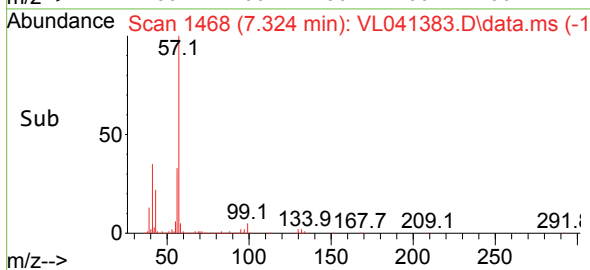
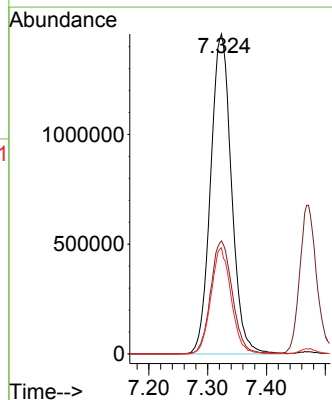
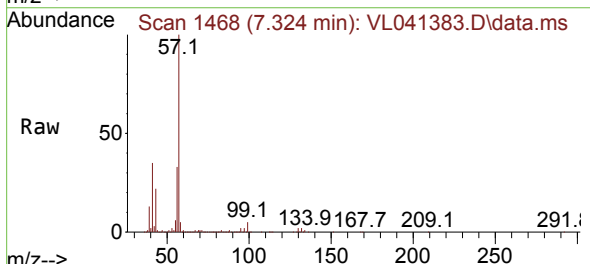
Instrument :
MSVOA_L
ClientSampleId :

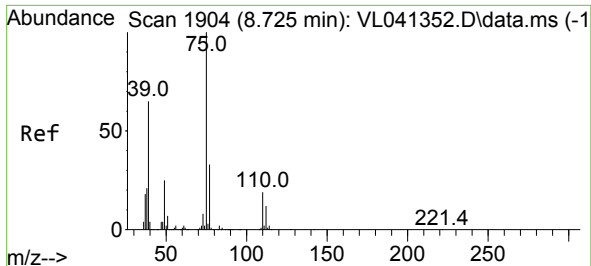
Tgt Ion: 69 Resp: 886245
Ion Ratio Lower Upper
69 100
41 153.6 125.0 187.6
100 33.5 26.8 40.2



#44
2,2,4-Trimethylpentane
Concen: 9.543 ppbv
RT: 7.324 min Scan# 1468
Delta R.T. -0.016 min
Lab File: VL041383.D
Acq: 22 Jul 2024 12:41

Tgt Ion: 57 Resp: 3589733
Ion Ratio Lower Upper
57 100
41 36.6 29.6 44.4
56 32.3 25.7 38.5

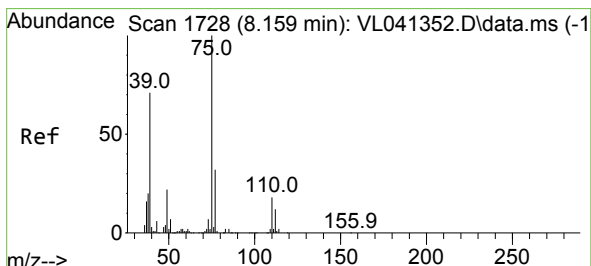
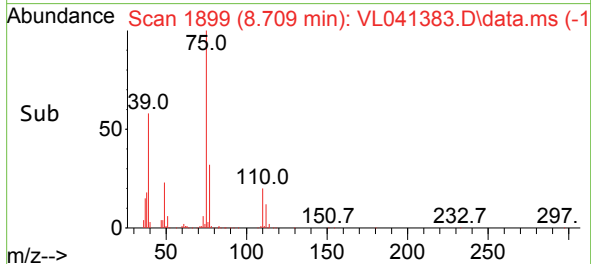
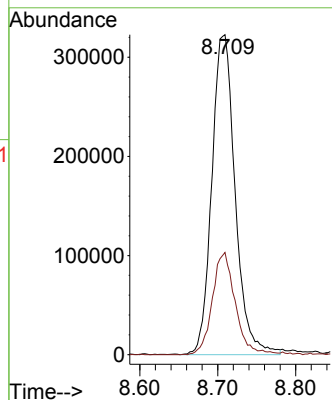
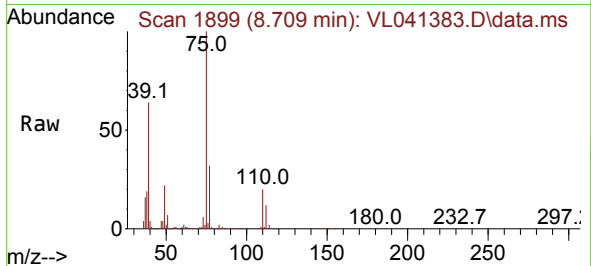




#45
 t-1,3-Dichloropropene
 Concen: 12.784 ppbv
 RT: 8.709 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VL041383.D
 Acq: 22 Jul 2024 12:41

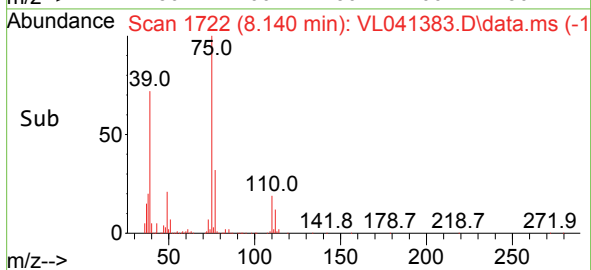
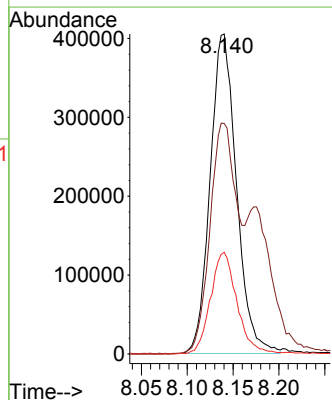
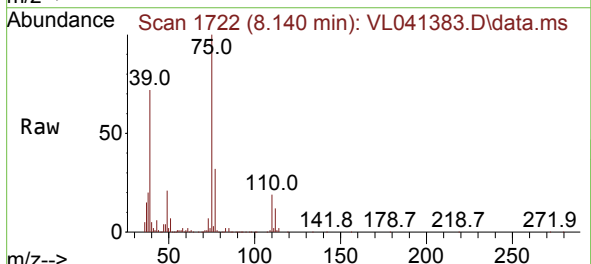
Instrument :
 MSVOA_L
 ClientSampleId :

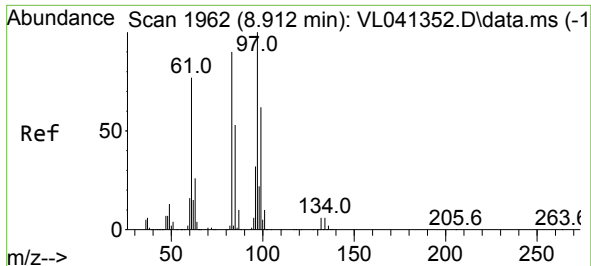
Tgt Ion: 75 Resp: 672846
 Ion Ratio Lower Upper
 75 100
 77 32.0 26.2 39.2



#46
 cis-1,3-Dichloropropene
 Concen: 11.434 ppbv
 RT: 8.140 min Scan# 1722
 Delta R.T. -0.013 min
 Lab File: VL041383.D
 Acq: 22 Jul 2024 12:41

Tgt Ion: 75 Resp: 809195
 Ion Ratio Lower Upper
 75 100
 39 71.9 56.6 85.0
 77 31.6 25.5 38.3





#47

1,1,2-Trichloroethane

Concen: 9.770 ppbv

RT: 8.893 min Scan# 1962

Delta R.T. -0.016 min

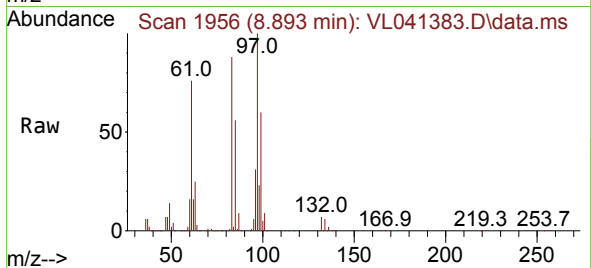
Lab File: VL041383.D

Acq: 22 Jul 2024 12:41

Instrument :

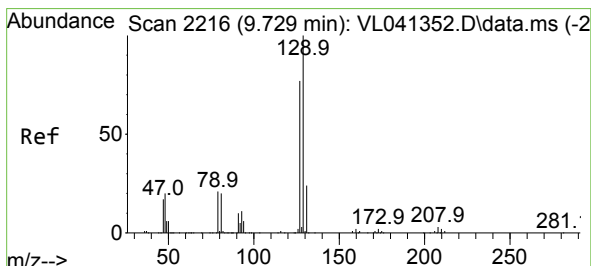
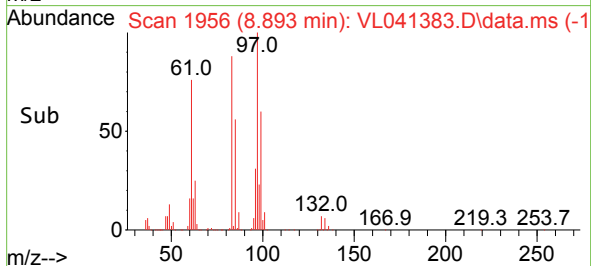
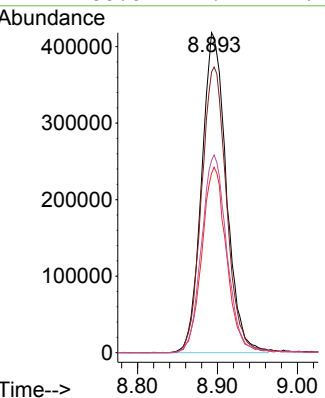
MSVOA_L

ClientSampleId :



Tgt Ion: 97 Resp: 896360

Ion	Ratio	Lower	Upper
97	100		
83	87.7	72.4	108.6
85	56.0	42.6	64.0
99	60.0	49.4	74.2



#48

Dibromochloromethane

Concen: 10.383 ppbv

RT: 9.706 min Scan# 2209

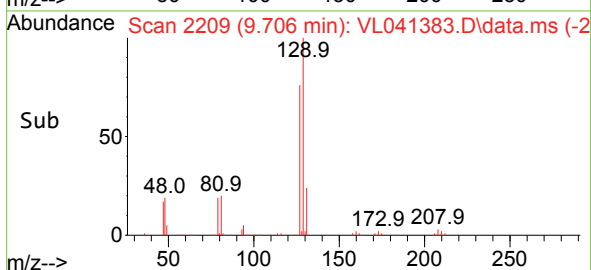
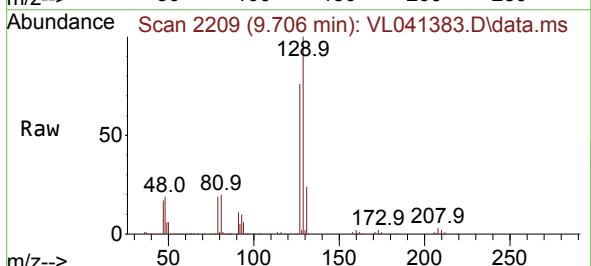
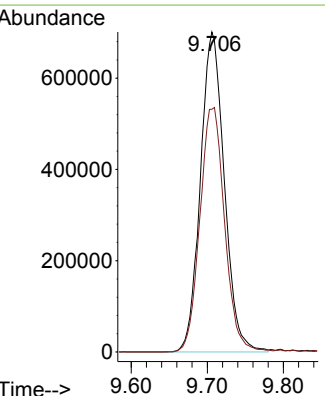
Delta R.T. -0.010 min

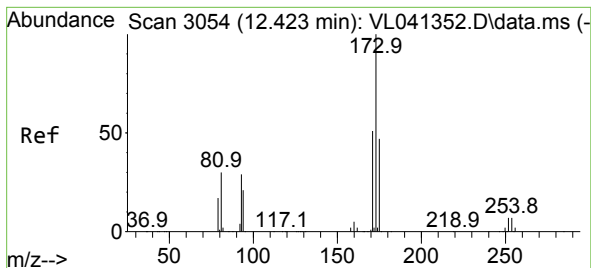
Lab File: VL041383.D

Acq: 22 Jul 2024 12:41

Tgt Ion: 129 Resp: 1529743

Ion	Ratio	Lower	Upper
129	100		
127	79.5	39.9	119.7





#49

Bromoform

Concen: 10.614 ppbv

RT: 12.404 min Scan# 3054

Delta R.T. -0.003 min

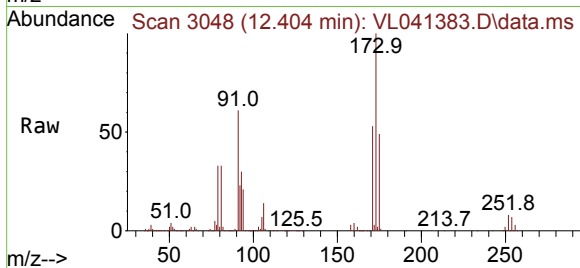
Lab File: VL041383.D

Acq: 22 Jul 2024 12:41

Instrument :

MSVOA_L

ClientSampleId :



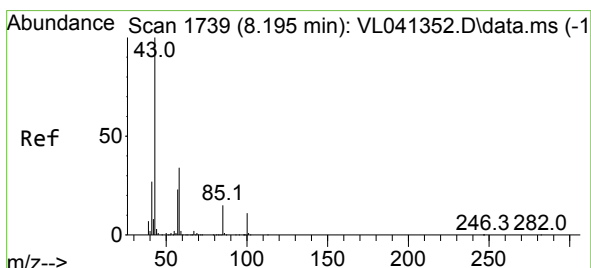
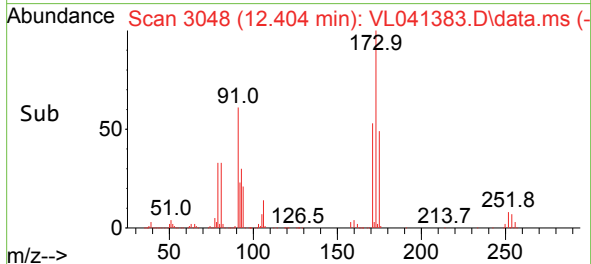
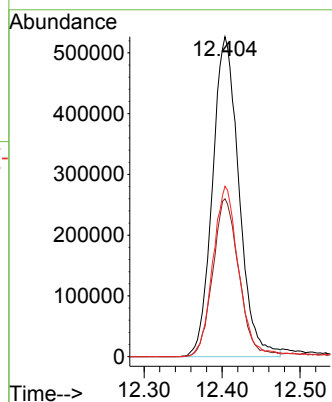
Tgt Ion:173 Resp: 1245377

Ion Ratio Lower Upper

173 100

175 50.2 40.3 60.5

171 53.2 43.8 65.8



#50

4-Methyl-2-Pentanone

Concen: 10.064 ppbv

RT: 8.176 min Scan# 1733

Delta R.T. -0.013 min

Lab File: VL041383.D

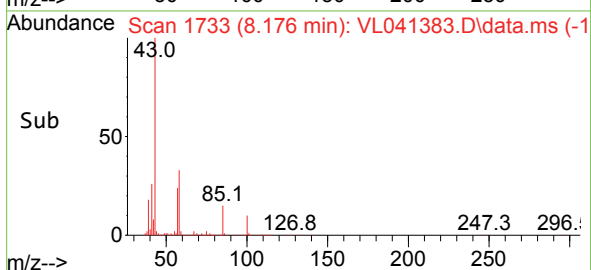
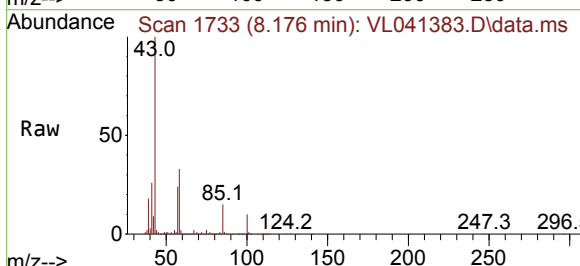
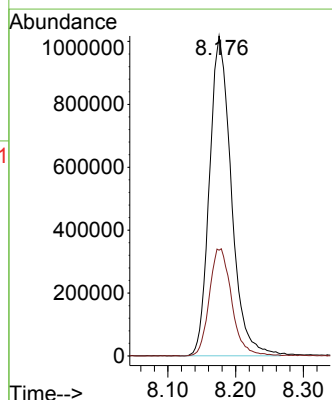
Acq: 22 Jul 2024 12:41

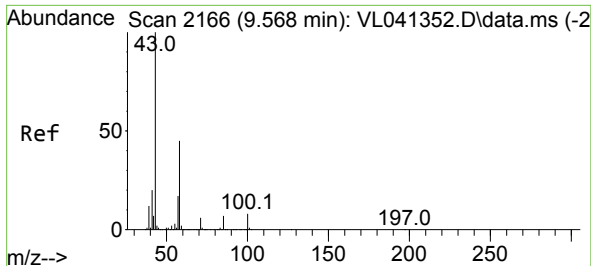
Tgt Ion: 43 Resp: 2281120

Ion Ratio Lower Upper

43 100

58 34.4 27.8 41.8

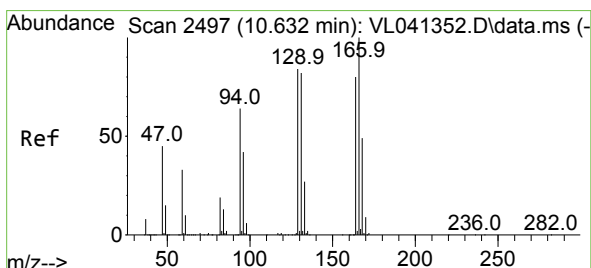
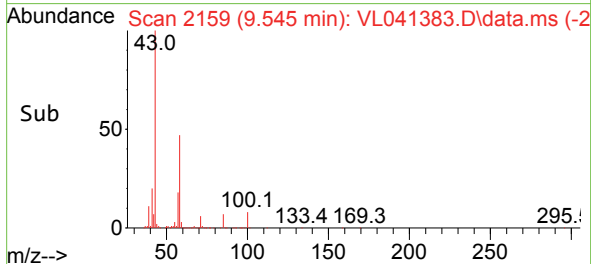
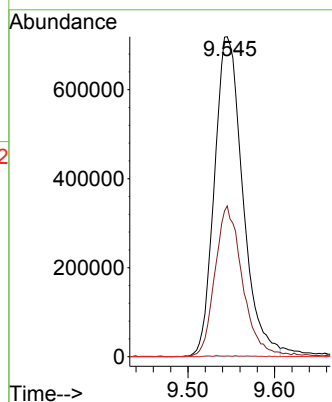
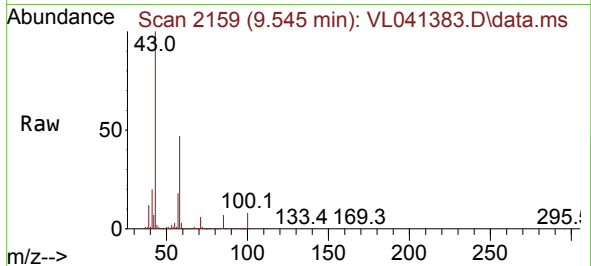




#51
2-Hexanone
Concen: 10.118 ppbv
RT: 9.545 min Scan# 2166
Delta R.T. -0.013 min
Lab File: VL041383.D
Acq: 22 Jul 2024 12:41

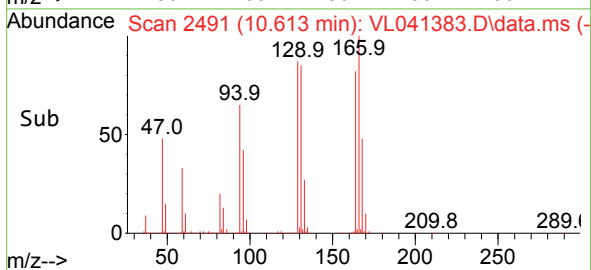
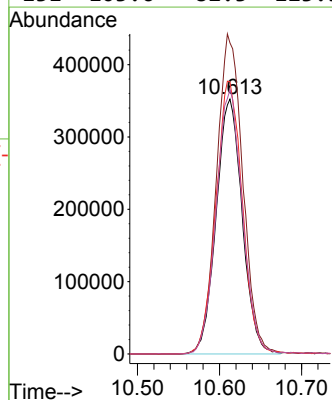
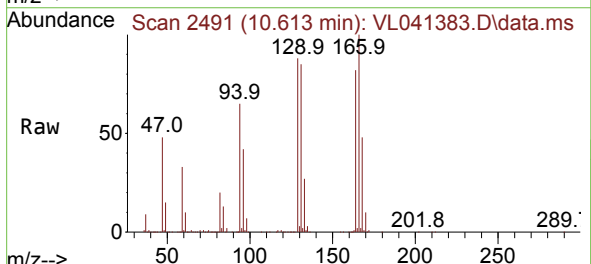
Instrument :
MSVOA_L
ClientSampleId :

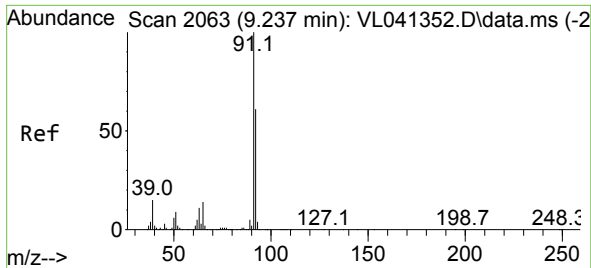
Tgt Ion: 43 Resp: 1630126
Ion Ratio Lower Upper
43 100
58 46.4 38.0 57.0
98 0.4 0.2 0.2#



#52
Tetrachloroethene
Concen: 8.738 ppbv
RT: 10.613 min Scan# 2491
Delta R.T. -0.006 min
Lab File: VL041383.D
Acq: 22 Jul 2024 12:41

Tgt Ion: 164 Resp: 776663
Ion Ratio Lower Upper
164 100
166 122.1 99.8 149.8
129 106.8 83.8 125.6
131 103.6 82.3 123.5

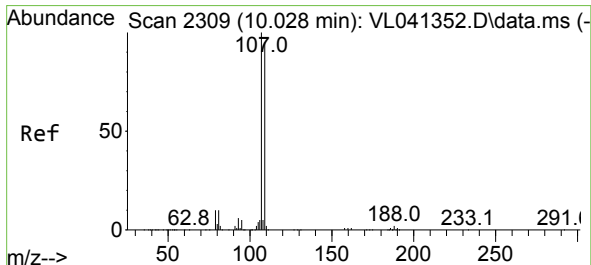
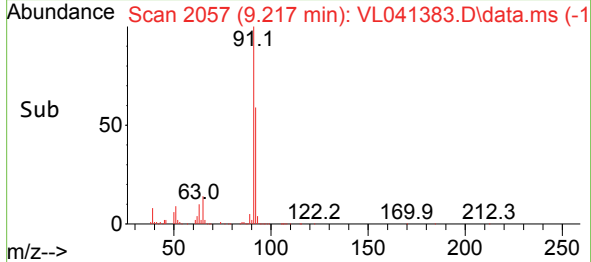
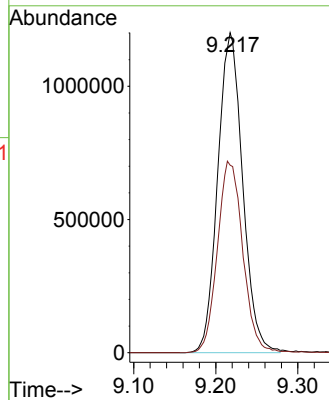
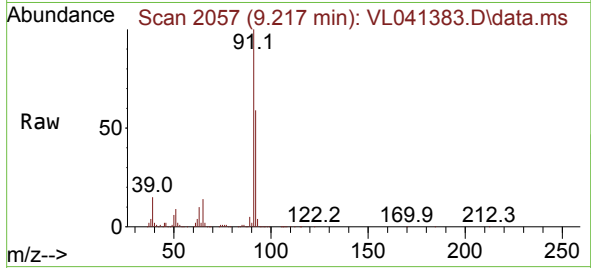




#53
Toluene
Concen: 10.161 ppbv
RT: 9.217 min Scan# 2063
Delta R.T. -0.010 min
Lab File: VL041383.D
Acq: 22 Jul 2024 12:41

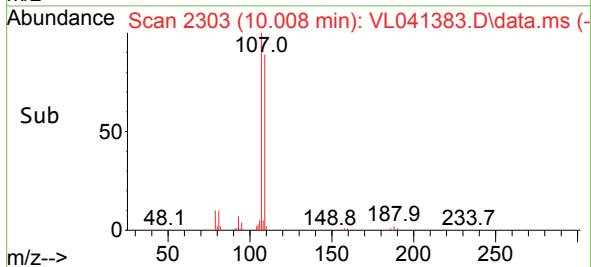
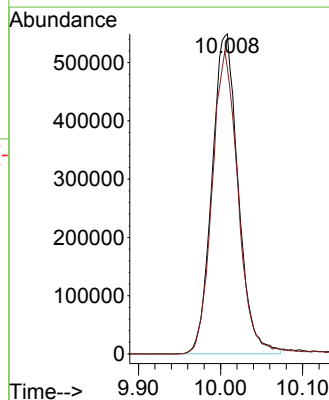
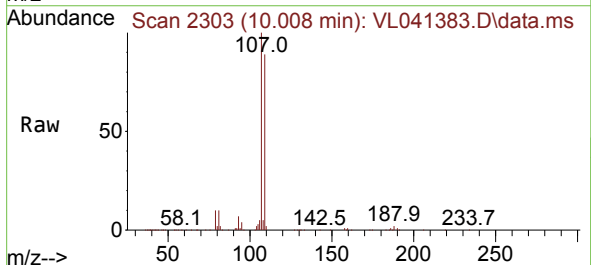
Instrument :
MSVOA_L
ClientSampleId :

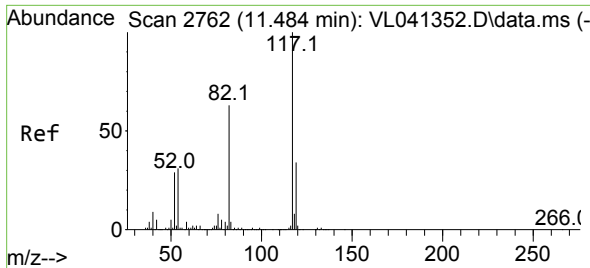
Tgt Ion: 91 Resp: 2536826
Ion Ratio Lower Upper
91 100
92 61.1 48.5 72.7



#54
1,2-Dibromoethane
Concen: 10.745 ppbv
RT: 10.008 min Scan# 2303
Delta R.T. -0.003 min
Lab File: VL041383.D
Acq: 22 Jul 2024 12:41

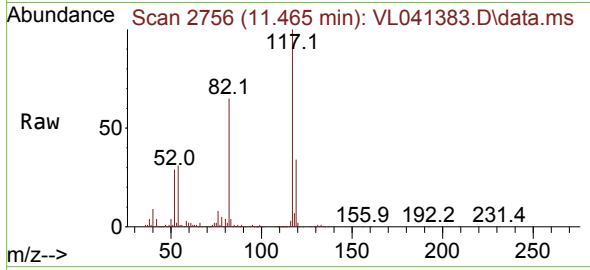
Tgt Ion: 107 Resp: 1219952
Ion Ratio Lower Upper
107 100
109 89.4 75.8 113.6



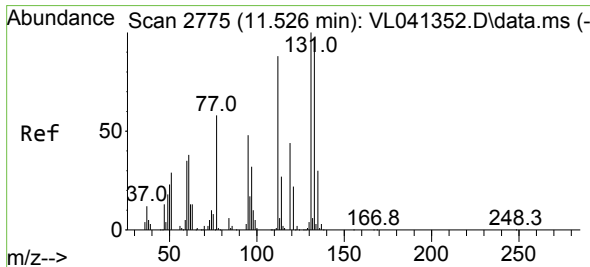
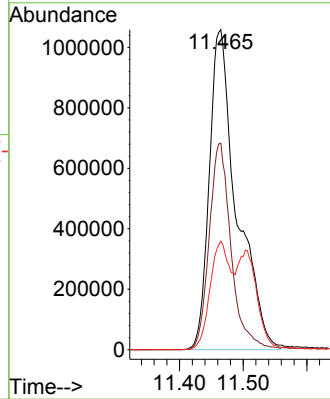
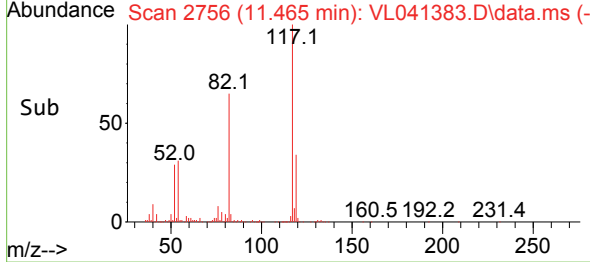


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.465 min Scan# 2756
Delta R.T. -0.003 min
Lab File: VL041383.D
Acq: 22 Jul 2024 12:41

Instrument :
MSVOA_L
ClientSampleId :

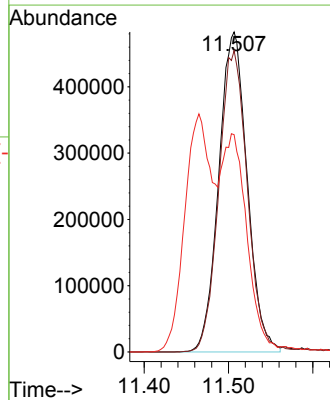
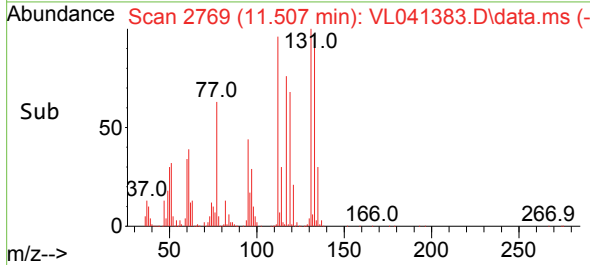
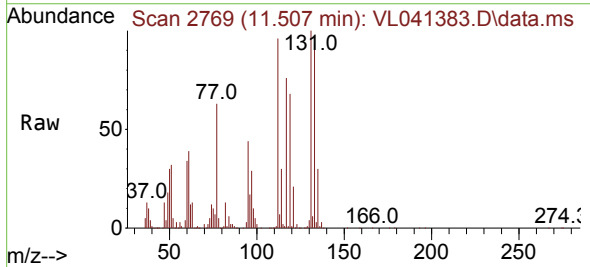


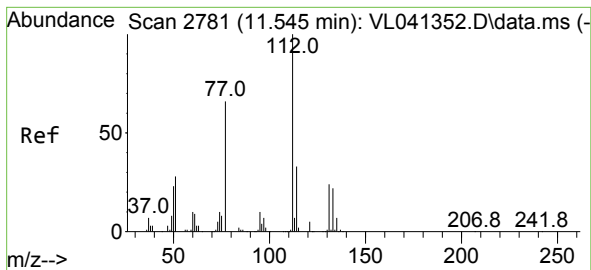
Tgt Ion:117 Resp: 3177486
Ion Ratio Lower Upper
117 100
82 51.9 50.6 75.8
119 23.3 24.7 37.1#



#56
1,1,1,2-Tetrachloroethane
Concen: 7.899 ppbv
RT: 11.507 min Scan# 2769
Delta R.T. -0.003 min
Lab File: VL041383.D
Acq: 22 Jul 2024 12:41

Tgt Ion:131 Resp: 1129453
Ion Ratio Lower Upper
131 100
133 95.8 76.8 115.2
119 69.0 49.4 74.0

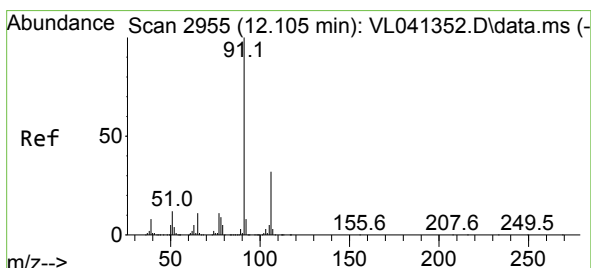
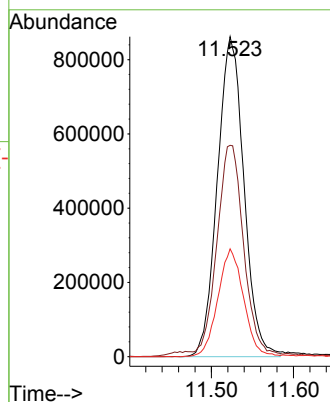
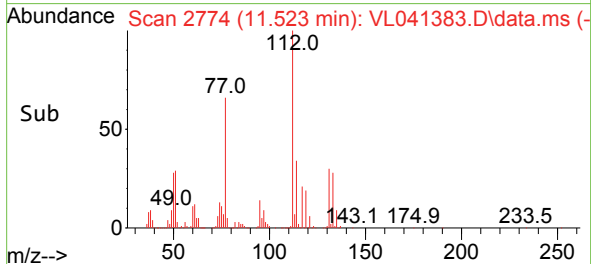
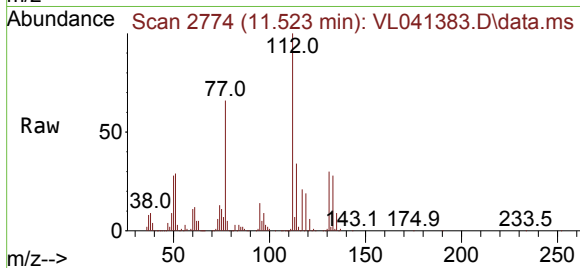




#57
Chlorobenzene
Concen: 7.777 ppbv
RT: 11.523 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL041383.D
Acq: 22 Jul 2024 12:41

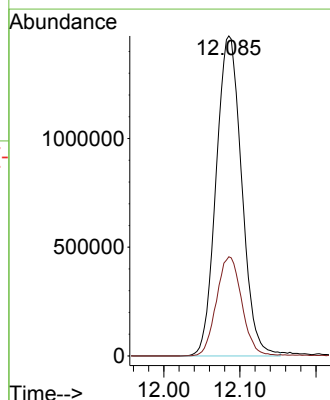
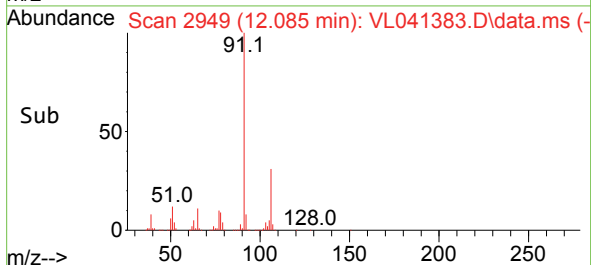
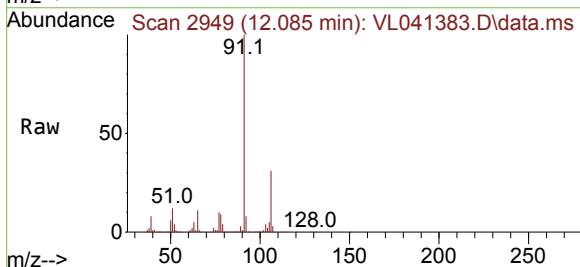
Instrument :
MSVOA_L
ClientSampleId :

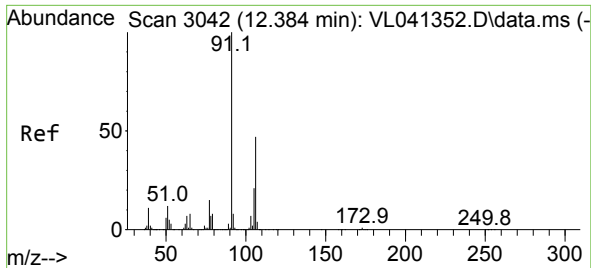
Tgt Ion:112 Resp: 1938458
Ion Ratio Lower Upper
112 100
77 65.0 53.2 79.8
114 33.7 30.1 36.7



#58
Ethyl Benzene
Concen: 8.066 ppbv
RT: 12.085 min Scan# 2949
Delta R.T. -0.003 min
Lab File: VL041383.D
Acq: 22 Jul 2024 12:41

Tgt Ion: 91 Resp: 3429036
Ion Ratio Lower Upper
91 100
106 31.0 25.4 38.0





#59

m/p-Xylene

Concen: 8.225 ppbv

RT: 12.365 min Scan# 3042

Delta R.T. -0.006 min

Lab File: VL041383.D

Acq: 22 Jul 2024 12:41

Instrument :

MSVOA_L

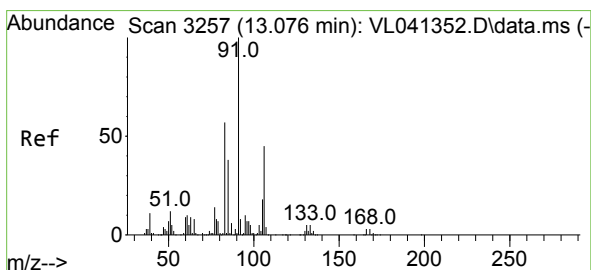
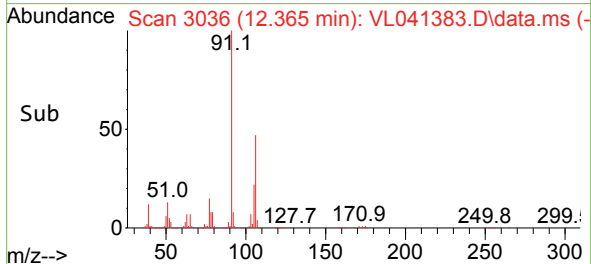
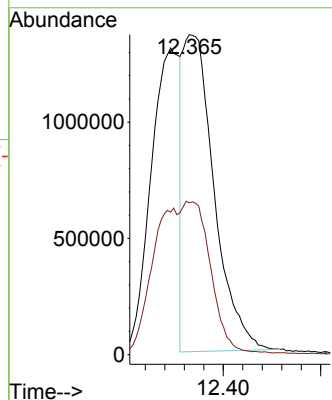
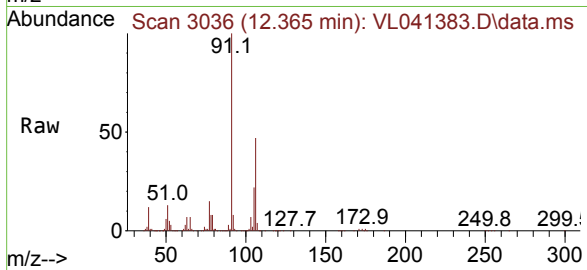
ClientSampleId :

Tgt Ion: 91 Resp: 3025974

Ion Ratio Lower Upper

91 100

106 87.5 35.6 53.4#



#60

o-Xylene

Concen: 7.991 ppbv

RT: 13.056 min Scan# 3251

Delta R.T. -0.003 min

Lab File: VL041383.D

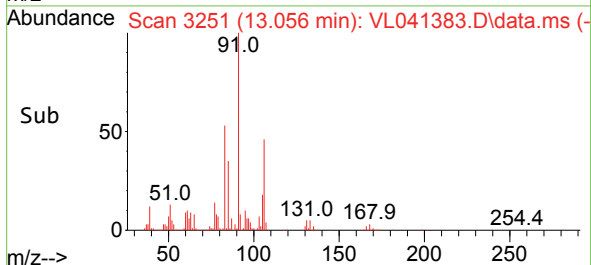
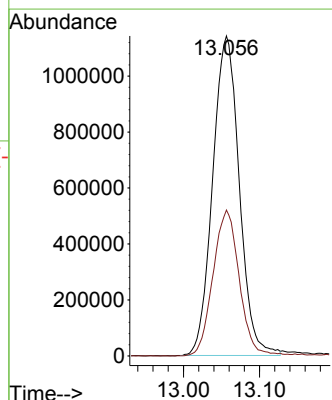
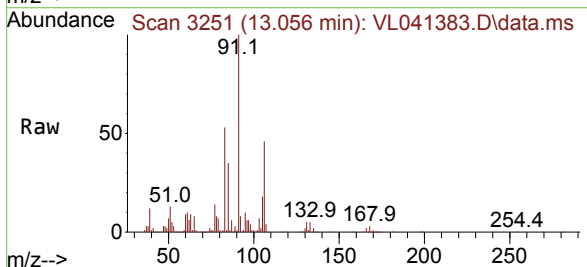
Acq: 22 Jul 2024 12:41

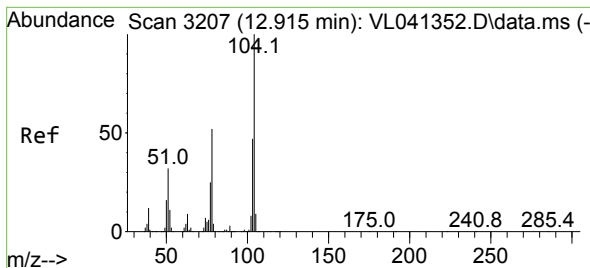
Tgt Ion: 91 Resp: 2774640

Ion Ratio Lower Upper

91 100

106 45.8 23.3 69.8





#61

Styrene

Concen: 8.655 ppbv

RT: 12.892 min Scan# 31

Delta R.T. -0.006 min

Lab File: VL041383.D

Acq: 22 Jul 2024 12:41

Instrument :

MSVOA_L

ClientSampleId :

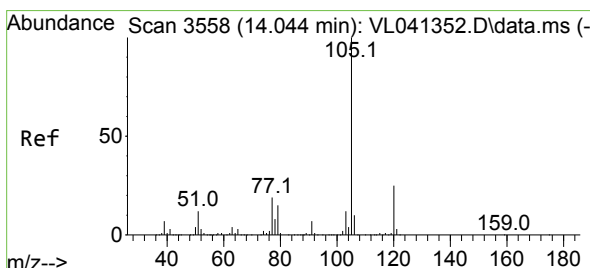
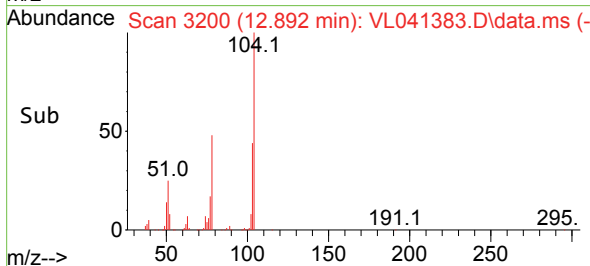
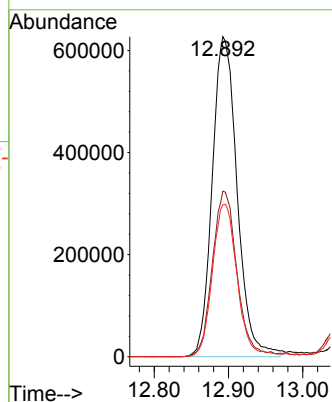
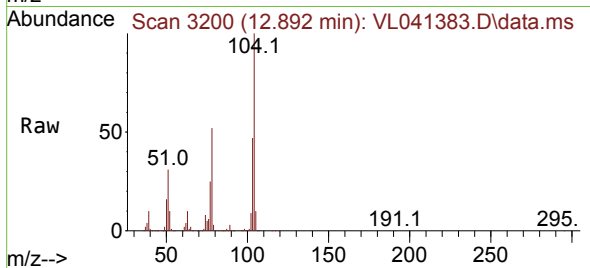
Tgt Ion:104 Resp: 1459396

Ion Ratio Lower Upper

104 100

78 51.3 40.6 61.0

103 47.9 37.4 56.0



#62

Isopropylbenzene

Concen: 7.746 ppbv

RT: 14.024 min Scan# 3552

Delta R.T. -0.006 min

Lab File: VL041383.D

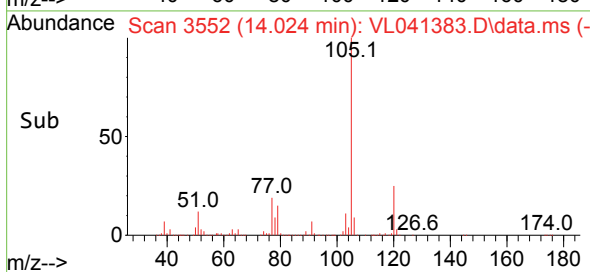
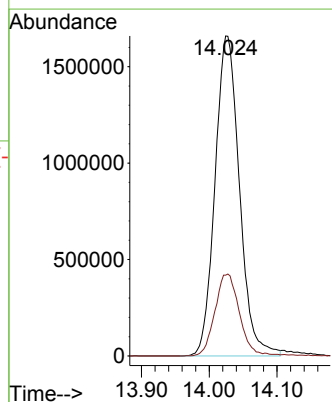
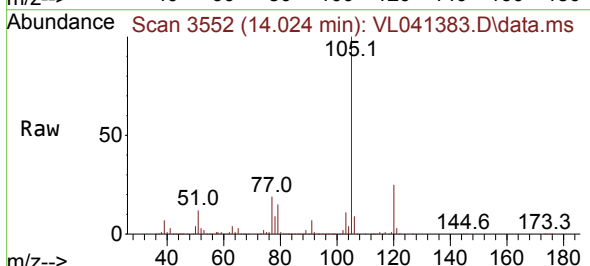
Acq: 22 Jul 2024 12:41

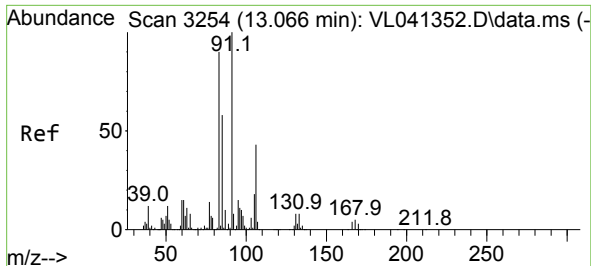
Tgt Ion:105 Resp: 4152446

Ion Ratio Lower Upper

105 100

120 26.0 20.9 31.3

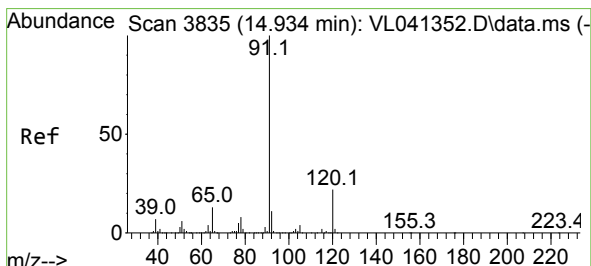
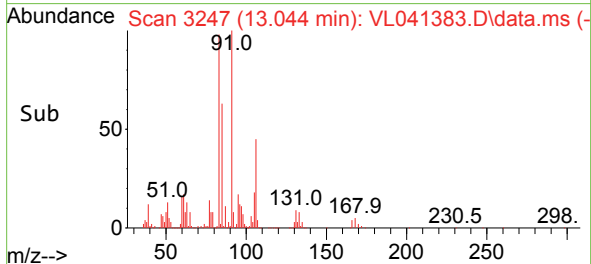
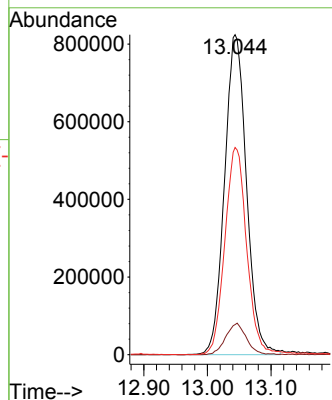
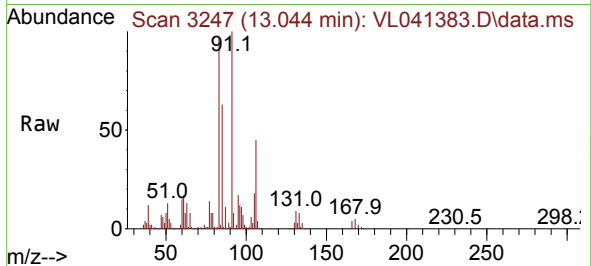




#63
1,1,2,2-Tetrachloroethane
Concen: 7.220 ppbv
RT: 13.044 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL041383.D
Acq: 22 Jul 2024 12:41

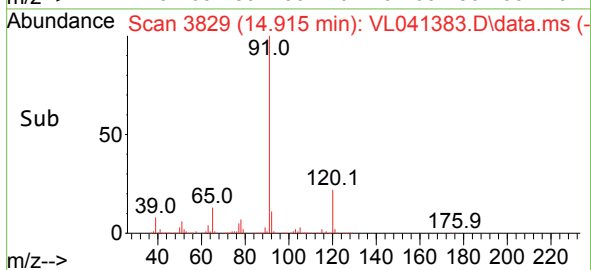
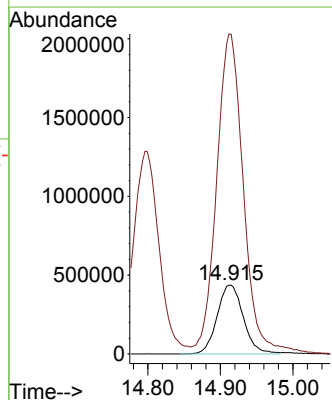
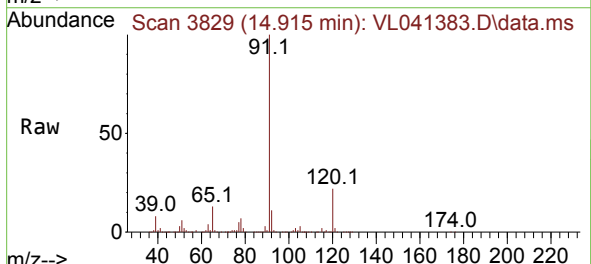
Instrument :
MSVOA_L
ClientSampleId :

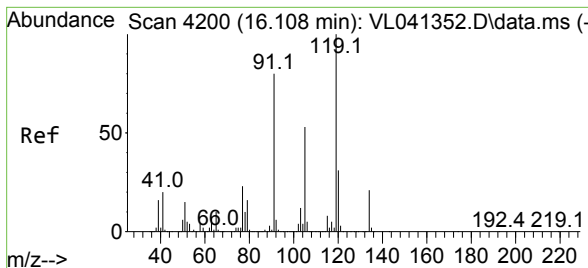
Tgt Ion: 83 Resp: 1974942
Ion Ratio Lower Upper
83 100
131 9.4 4.8 14.4
85 65.0 33.0 98.9



#64
n-propylbenzene
Concen: 7.838 ppbv
RT: 14.915 min Scan# 3829
Delta R.T. 0.000 min
Lab File: VL041383.D
Acq: 22 Jul 2024 12:41

Tgt Ion:120 Resp: 1096788
Ion Ratio Lower Upper
120 100
91 477.7 378.4 567.6





#65

tert-Butylbenzene

Concen: 7.736 ppbv

RT: 16.088 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL041383.D

Acq: 22 Jul 2024 12:41

Instrument :

MSVOA_L

ClientSampleId :

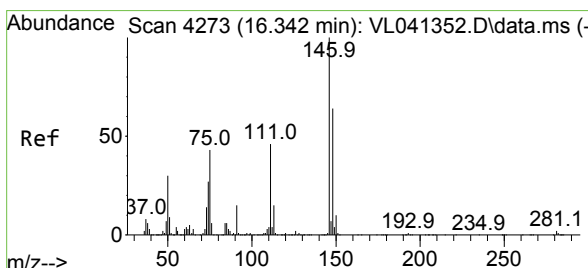
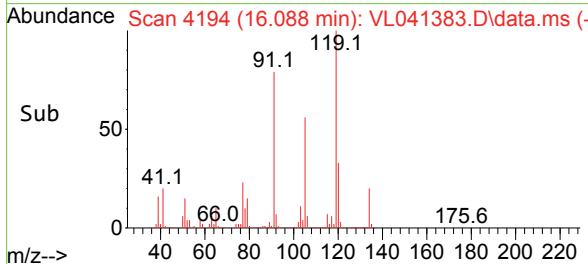
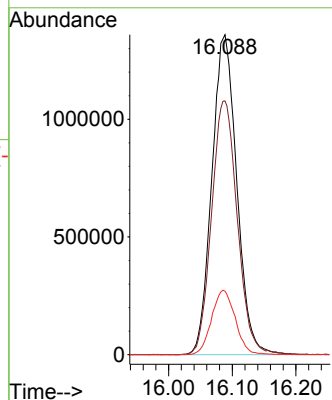
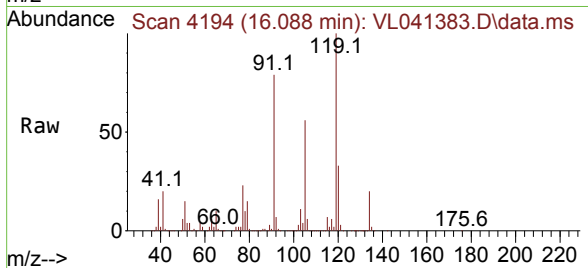
Tgt Ion:119 Resp: 3692421

Ion Ratio Lower Upper

119 100

91 81.9 65.8 98.6

134 19.3 15.7 23.5



#66

Benzyl Chloride

Concen: 8.903 ppbv

RT: 16.326 min Scan# 4268

Delta R.T. 0.003 min

Lab File: VL041383.D

Acq: 22 Jul 2024 12:41

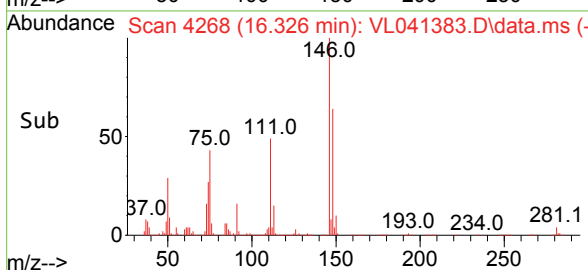
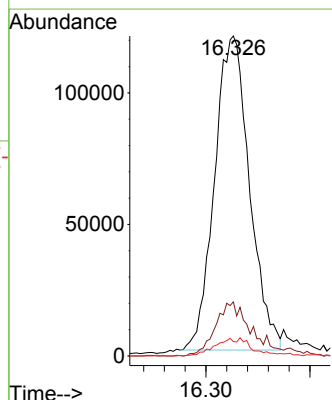
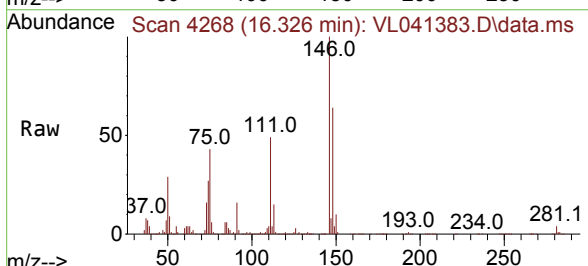
Tgt Ion: 91 Resp: 279227

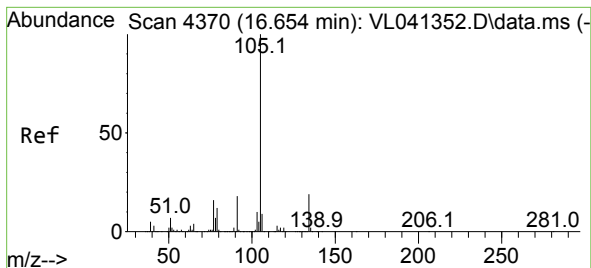
Ion Ratio Lower Upper

91 100

126 18.8 15.4 23.0

128 6.3 5.0 7.4

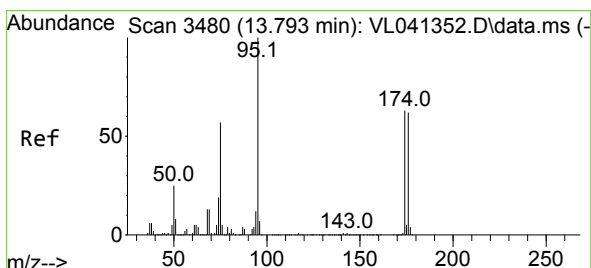
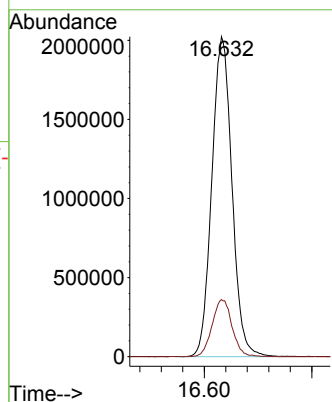
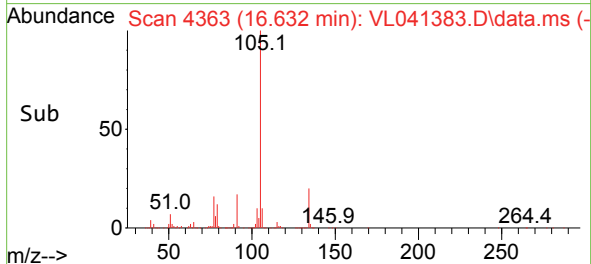
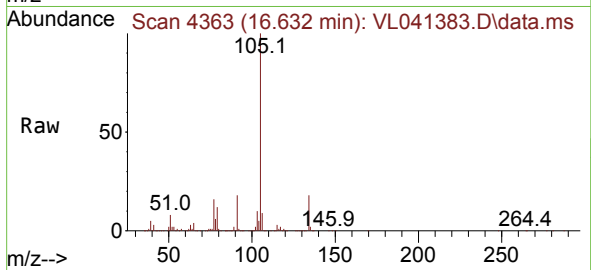




#67
 sec-Butylbenzene
 Concen: 7.781 ppbv
 RT: 16.632 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VL041383.D
 Acq: 22 Jul 2024 12:41

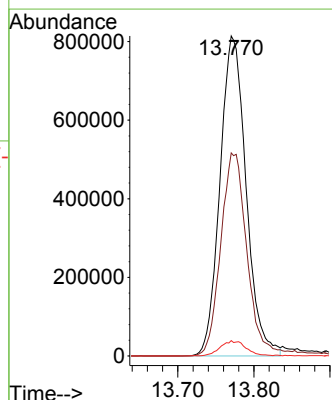
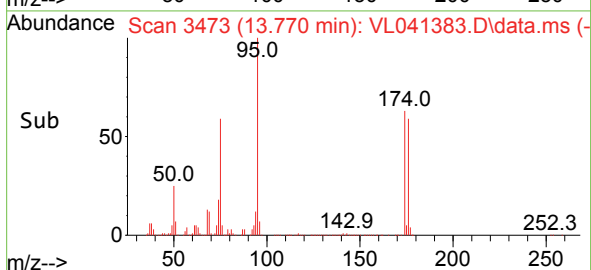
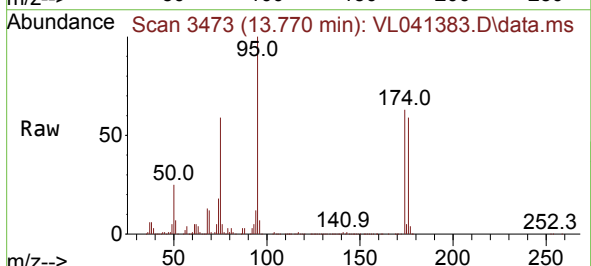
Instrument :
 MSVOA_L
 ClientSampleId :

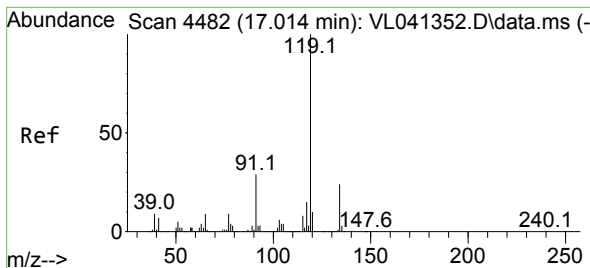
Tgt Ion:105 Resp: 5253123
 Ion Ratio Lower Upper
 105 100
 134 17.8 14.2 21.2



#68
 1-Bromo-4-Fluorobenzene
 Concen: 8.155 ppbv
 RT: 13.770 min Scan# 3473
 Delta R.T. -0.006 min
 Lab File: VL041383.D
 Acq: 22 Jul 2024 12:41

Tgt Ion: 95 Resp: 1942188
 Ion Ratio Lower Upper
 95 100
 174 65.6 53.1 79.7
 175 4.9 4.0 6.0





#69

p-Isopropyltoluene

Concen: 7.863 ppbv

RT: 16.992 min Scan# 44

Delta R.T. 0.000 min

Lab File: VL041383.D

Acq: 22 Jul 2024 12:41

Instrument :

MSVOA_L

ClientSampleId :

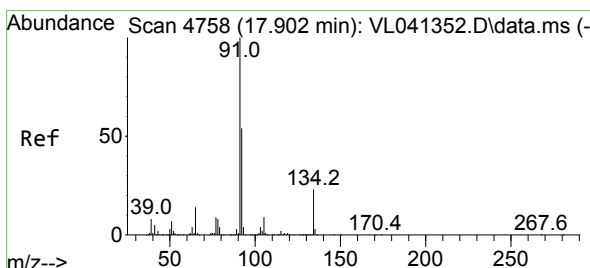
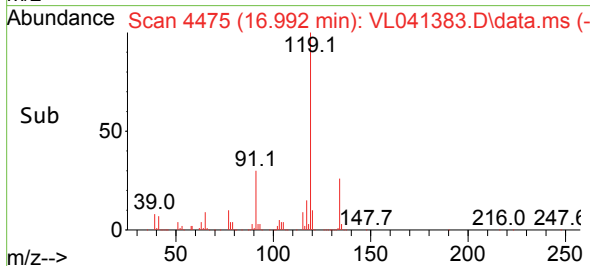
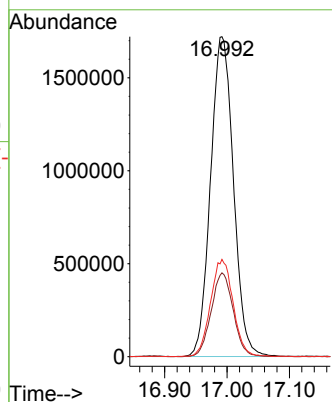
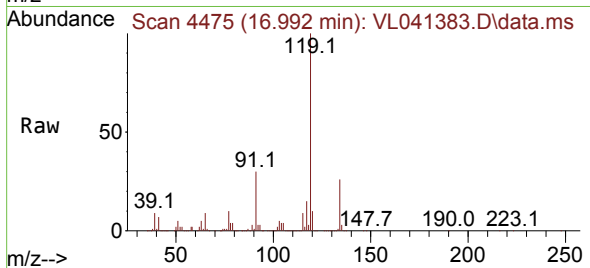
Tgt Ion:119 Resp: 4384073

Ion Ratio Lower Upper

119 100

134 25.3 20.0 30.0

91 30.0 23.7 35.5



#70

n-Butylbenzene

Concen: 8.155 ppbv

RT: 17.883 min Scan# 4752

Delta R.T. 0.000 min

Lab File: VL041383.D

Acq: 22 Jul 2024 12:41

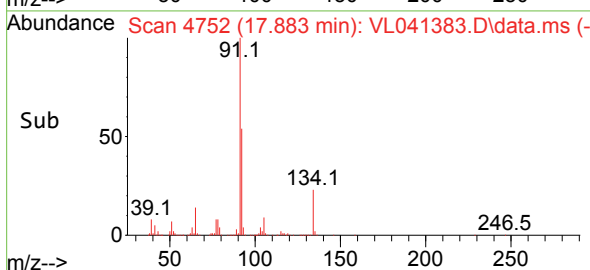
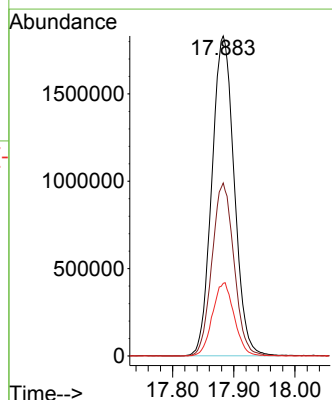
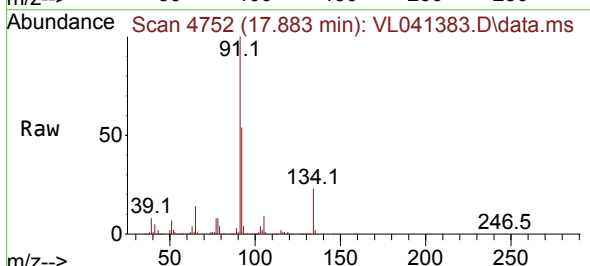
Tgt Ion: 91 Resp: 4647646

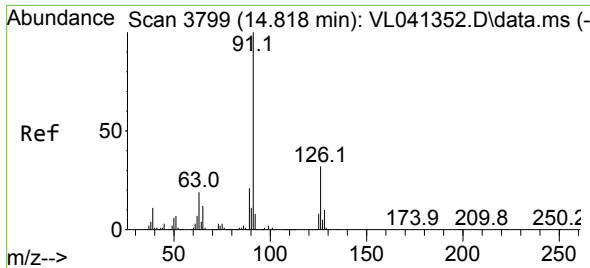
Ion Ratio Lower Upper

91 100

92 53.2 43.0 64.6

134 22.4 18.0 27.0

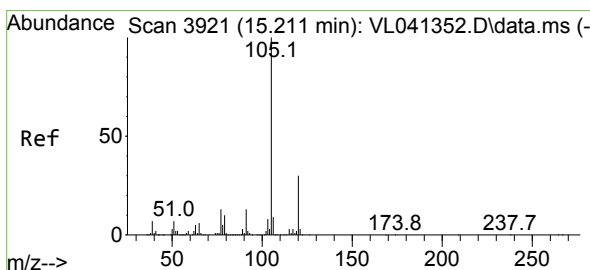
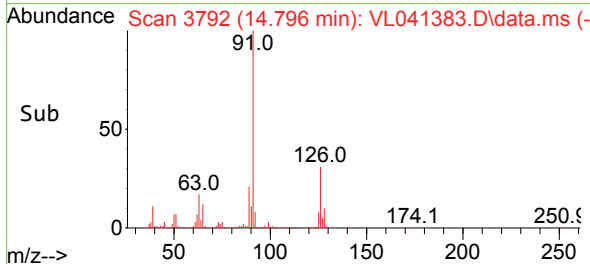
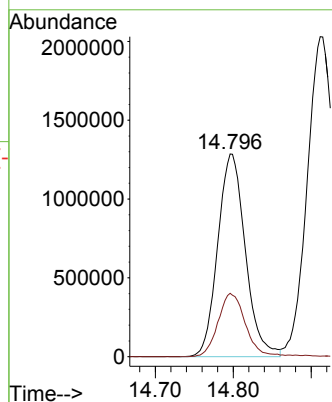
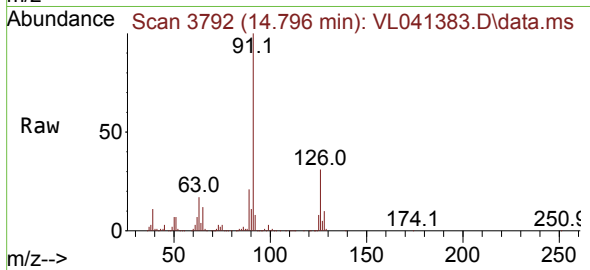




#71
2-Chlorotoluene
Concen: 7.949 ppbv
RT: 14.796 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL041383.D
Acq: 22 Jul 2024 12:41

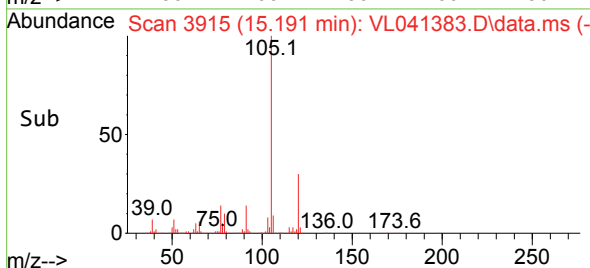
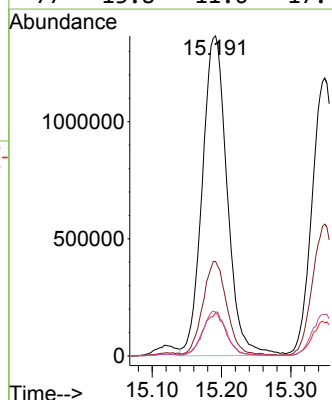
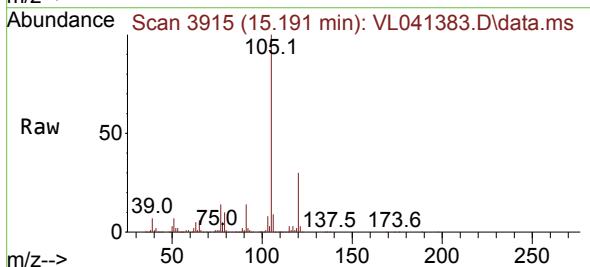
Instrument :
MSVOA_L
ClientSampleId :

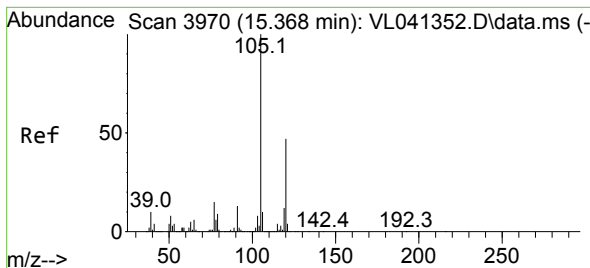
Tgt Ion: 91 Resp: 3165564
Ion Ratio Lower Upper
91 100
126 31.7 12.9 51.7



#72
4-Ethyltoluene
Concen: 8.219 ppbv
RT: 15.191 min Scan# 3915
Delta R.T. 0.000 min
Lab File: VL041383.D
Acq: 22 Jul 2024 12:41

Tgt Ion:105 Resp: 3399219
Ion Ratio Lower Upper
105 100
120 30.2 24.2 36.4
91 13.7 10.2 15.2
77 13.8 11.6 17.4





#73

1,3,5-Trimethylbenzene

Concen: 8.251 ppbv

RT: 15.349 min Scan# 3970

Delta R.T. 0.000 min

Lab File: VL041383.D

Acq: 22 Jul 2024 12:41

Instrument :

MSVOA_L

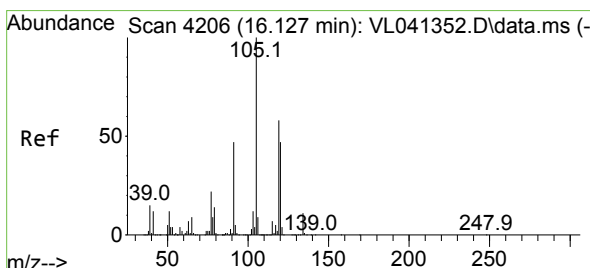
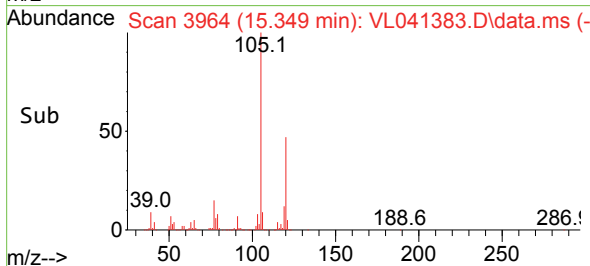
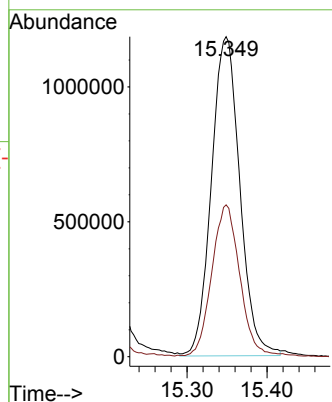
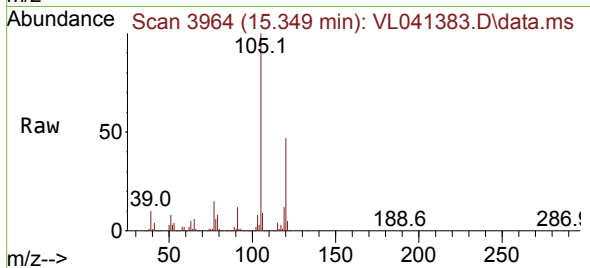
ClientSampleId :

Tgt Ion:105 Resp: 2920701

Ion Ratio Lower Upper

105 100

120 47.5 37.3 55.9



#74

1,2,4-Trimethylbenzene

Concen: 8.071 ppbv

RT: 16.105 min Scan# 4199

Delta R.T. 0.000 min

Lab File: VL041383.D

Acq: 22 Jul 2024 12:41

Tgt Ion:105 Resp: 3219523

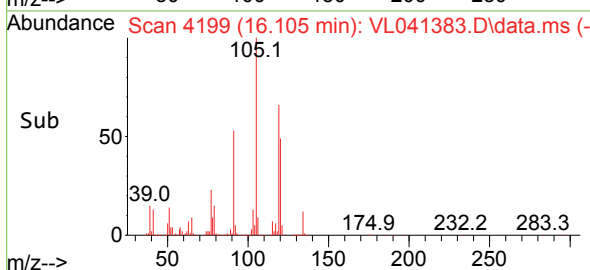
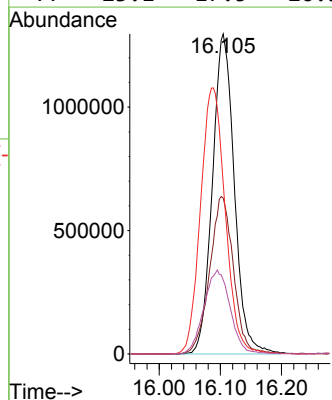
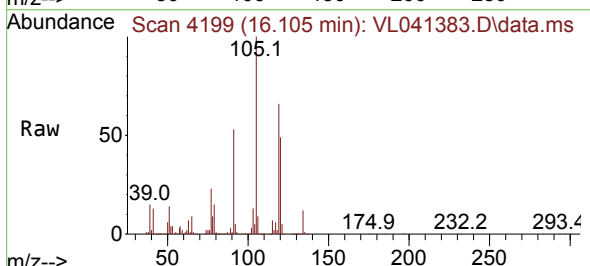
Ion Ratio Lower Upper

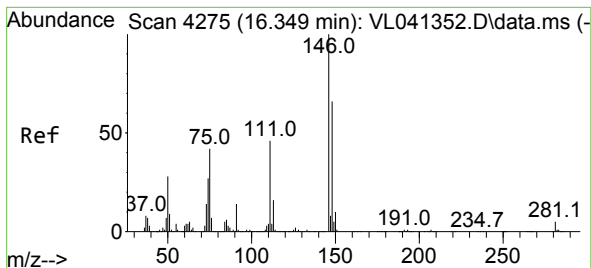
105 100

120 48.6 37.8 56.8

91 53.0 38.0 57.0

77 23.1 17.5 26.3





#75

1,3-Dichlorobenzene

Concen: 8.063 ppbv

RT: 16.326 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL041383.D

Acq: 22 Jul 2024 12:41

Instrument :

MSVOA_L

ClientSampleId :

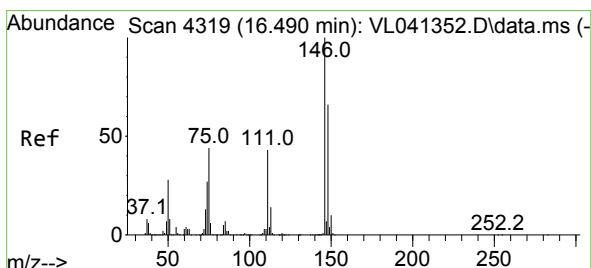
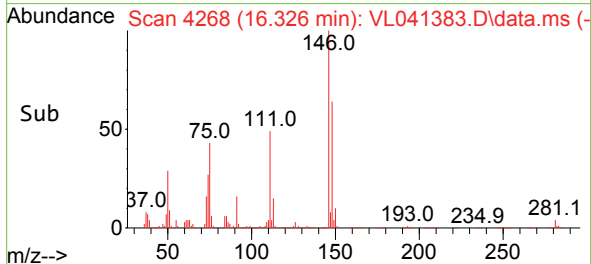
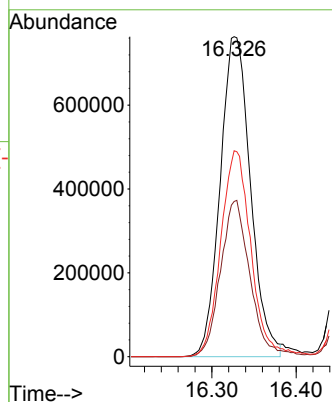
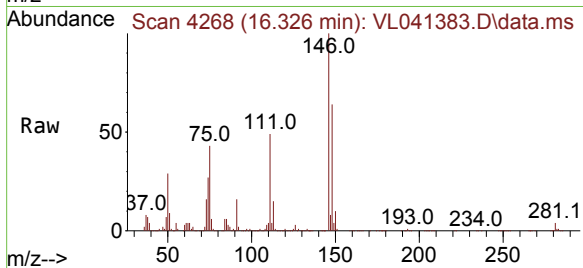
Tgt Ion:146 Resp: 1907993

Ion Ratio Lower Upper

146 100

111 47.6 23.5 70.5

148 64.4 32.3 96.9



#76

1,4-Dichlorobenzene

Concen: 7.851 ppbv

RT: 16.471 min Scan# 4313

Delta R.T. 0.000 min

Lab File: VL041383.D

Acq: 22 Jul 2024 12:41

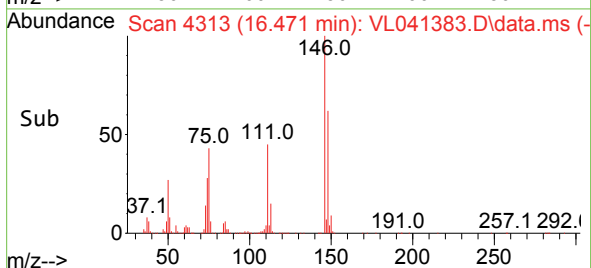
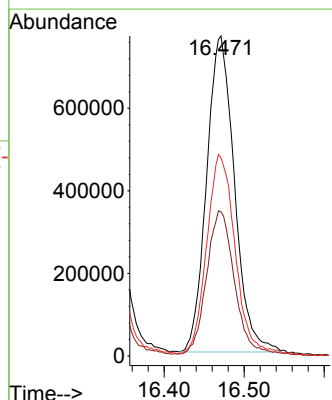
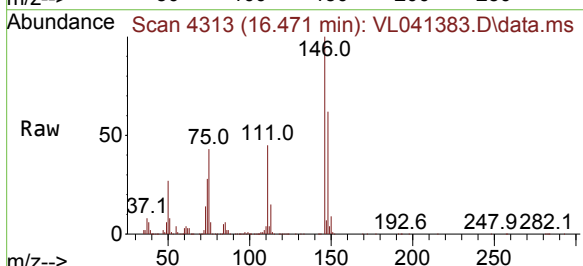
Tgt Ion:146 Resp: 1850945

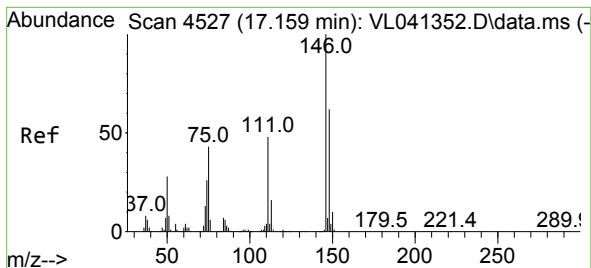
Ion Ratio Lower Upper

146 100

111 46.8 22.9 68.8

148 66.0 32.8 98.3





#77

1,2-Dichlorobenzene

Concen: 7.834 ppbv

RT: 17.143 min Scan# 4527

Delta R.T. 0.000 min

Lab File: VL041383.D

Acq: 22 Jul 2024 12:41

Instrument :

MSVOA_L

ClientSampleId :

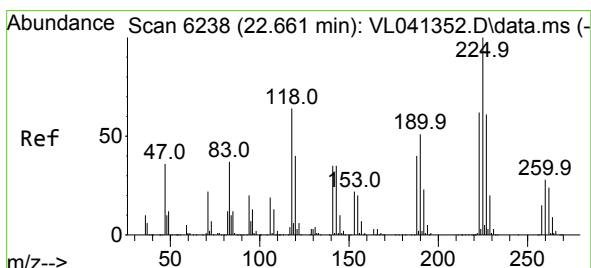
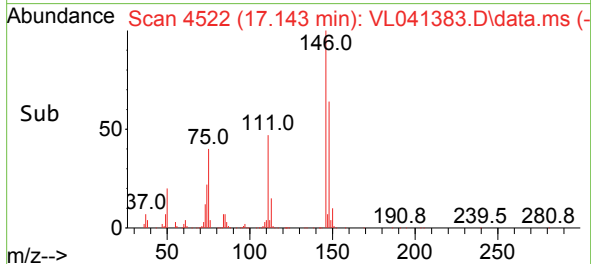
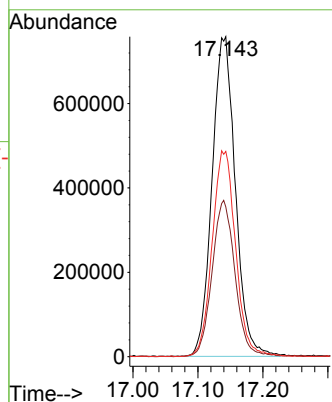
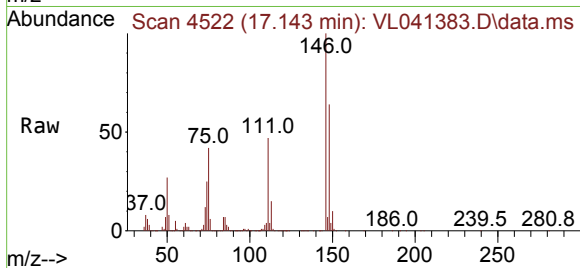
Tgt Ion:146 Resp: 1889962

Ion Ratio Lower Upper

146 100

111 48.4 24.1 72.2

148 64.7 31.9 95.9



#78

Hexachloro-1,3-Butadiene

Concen: 8.067 ppbv

RT: 22.632 min Scan# 6229

Delta R.T. 0.000 min

Lab File: VL041383.D

Acq: 22 Jul 2024 12:41

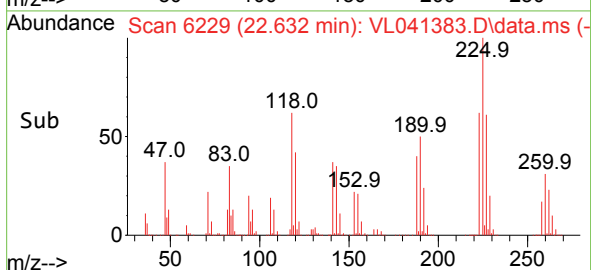
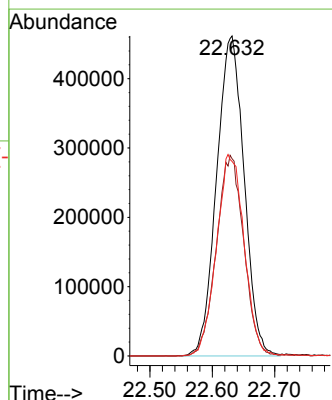
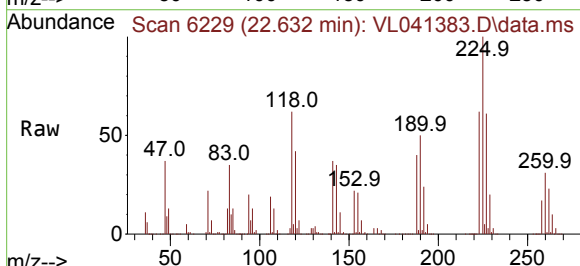
Tgt Ion:225 Resp: 1415421

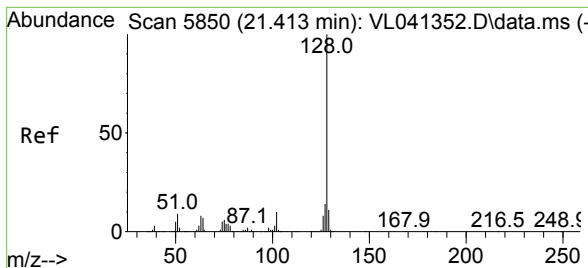
Ion Ratio Lower Upper

225 100

223 62.6 51.3 76.9

227 63.7 51.8 77.8





#79

Naphthalene

Concen: 15.593 ppbv

RT: 21.378 min Scan# 5839

Delta R.T. -0.006 min

Lab File: VL041383.D

Acq: 22 Jul 2024 12:41

Instrument :

MSVOA_L

ClientSampleId :

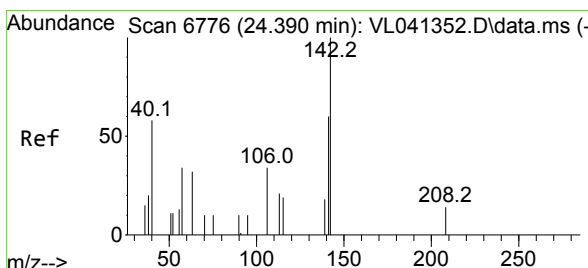
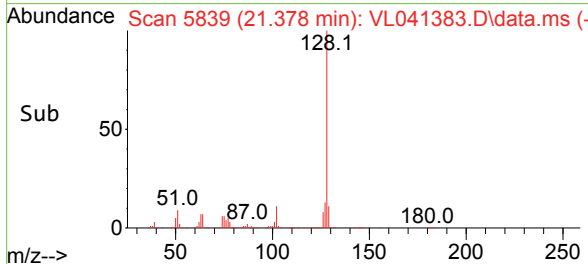
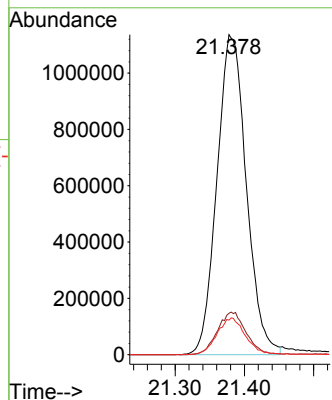
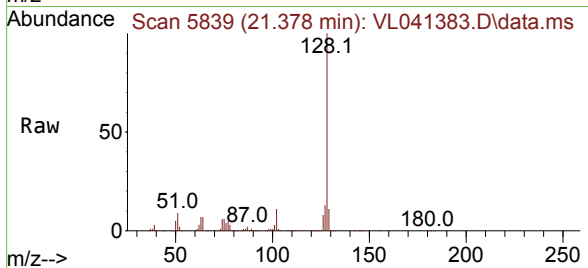
Tgt Ion:128 Resp: 3345170

Ion Ratio Lower Upper

128 100

127 12.9 10.8 16.2

129 10.8 9.0 13.4



#80

Naphthalene,2-methyl-

Concen: 710.855 ppbv

RT: 24.374 min Scan# 6771

Delta R.T. -0.006 min

Lab File: VL041383.D

Acq: 22 Jul 2024 12:41

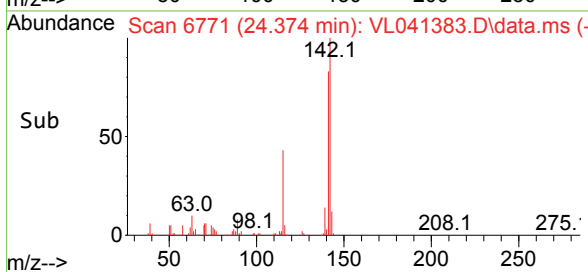
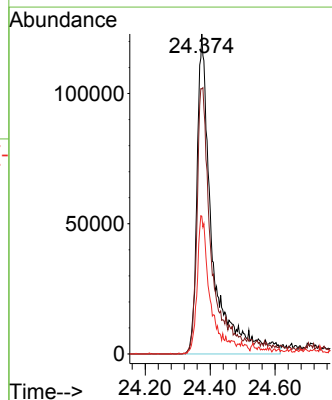
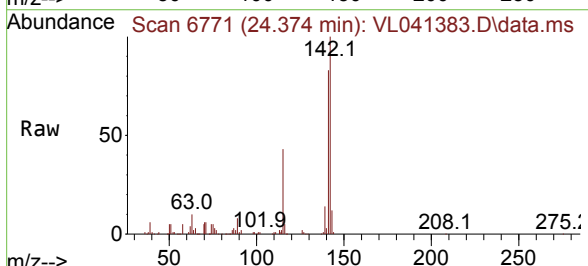
Tgt Ion:142 Resp: 401352

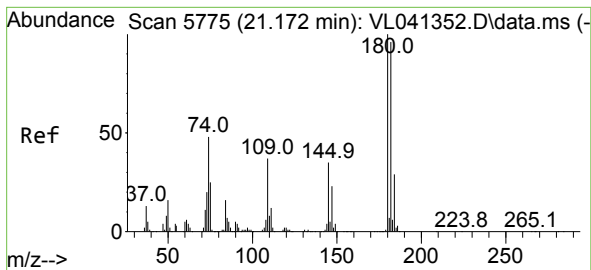
Ion Ratio Lower Upper

142 100

141 80.6 37.9 56.9#

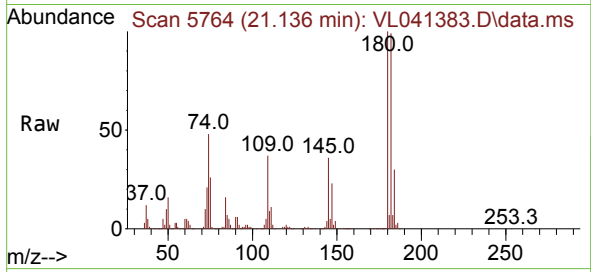
115 39.3 11.0 16.4#





#81
 1,2,4-Trichlorobenzene
 Concen: 12.408 ppbv
 RT: 21.136 min Scan# 51
 Delta R.T. -0.003 min
 Lab File: VL041383.D
 Acq: 22 Jul 2024 12:41

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion:180 Resp: 1645131

Ion	Ratio	Lower	Upper
180	100		
182	95.7	78.1	117.1
184	31.0	25.2	37.8

