

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL020724\
 Data File : VL041036.D
 Acq On : 7 Feb 2024 11:57
 Operator : SY/MD
 Sample : VL0207ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0207ABS01

Quant Time: Feb 08 02:42:09 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL012324AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022

QLast Update : Thu Feb 08 02:04:13 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.166	49	1177529	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.629	114	2987153	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.442	117	2922716	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.751	95	2277574	10.317	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	= 103.200%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.706	85	2376311	9.137	ppbv	97
3) Chlorodifluoromethane	2.652	51	1800172	9.089	ppbv	99
4) Chloromethane	2.790	50	689487	9.288	ppbv	100
5) Vinyl Chloride	2.896	62	720431	9.898	ppbv	99
6) Bromomethane	3.095	94	295060	9.311	ppbv	90
7) Chloroethane	3.172	64	246141	9.392	ppbv	95
8) Dichlorotetrafluoroethane	2.835	85	1771939	9.120	ppbv	99
9) Propene	2.671	41	606814	9.341	ppbv	97
10) Heptane	7.555	43	1528341	9.559	ppbv	99
11) Trichlorofluoromethane	3.539	101	1952095	9.315	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.044	101	1379514	9.083	ppbv	100
13) Ethanol	3.214	45	146662	9.473	ppbv	93
14) Bromoethene	3.343	108	566451	9.714	ppbv	99
15) Acetone	3.443	43	1290379	8.569	ppbv	99
16) 1,3-Butadiene	2.960	39	674068	9.357	ppbv	99
17) tert-Butyl alcohol	3.854	59	1214365	9.832	ppbv	100
18) 1,1-Dichloroethene	3.854	96	596032	9.166	ppbv	98
19) Isopropyl Alcohol	3.552	45	863492	9.906	ppbv	99
20) Methylene Chloride	3.909	84	493043	8.509	ppbv	97
21) Allyl Chloride	3.970	41	855868	9.355	ppbv	100
22) trans-1,2-Dichloroethene	4.420	96	640326	9.563	ppbv	98
23) Vinyl Acetate	4.600	43	1494505	9.628	ppbv	99
24) 1,1-Dichloroethane	4.539	63	1262910	9.172	ppbv	99
25) Ethyl Acetate	5.182	43	2574487	9.429	ppbv	100
26) Hexane	5.188	57	1112645	9.560	ppbv	98
27) Carbon Disulfide	4.098	76	1526560	10.080	ppbv	99
28) Methyl tert-Butyl Ether	4.561	73	863722	8.942	ppbv	98
29) Chloroform	5.250	83	1909210	9.249	ppbv	97
30) Cyclohexane	6.577	84	950053	9.743	ppbv	99
31) cis-1,2-Dichloroethene	5.053	61	1128790	10.334	ppbv	93
32) 1,1,1-Trichloroethane	5.979	97	1917388	9.719	ppbv	99
34) 2-Butanone	4.761	43	1400349	9.840	ppbv	100
35) Carbon Tetrachloride	6.468	117	2037080	10.226	ppbv	99
36) Benzene	6.346	78	2358050	9.558	ppbv	99
37) 1,2-Dichloroethane	5.783	62	1457425	9.680	ppbv	100
38) Trichloroethene	7.269	130	951677	9.622	ppbv	97
39) 1,2-Dichloropropane	7.047	63	938878	9.661	ppbv	98
40) 1,4-Dioxane	7.259	88	418048	10.356	ppbv	89
41) Tetrahydrofuran	5.529	42	969186	10.030	ppbv	99
42) Bromodichloromethane	7.224	83	2129687	9.887	ppbv	99
43) Methyl Methacrylate	7.446	69	990739	10.407	ppbv	100
44) 2,2,4-Trimethylpentane	7.304	57	3962010	9.544	ppbv	99
45) t-1,3-Dichloropropene	8.687	75	780020	11.992	ppbv	100

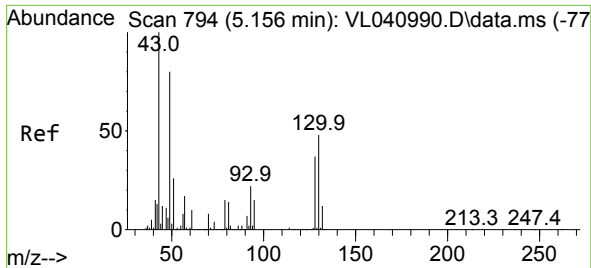
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL020724\
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 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Feb 08 02:04:13 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.121	75	902550	11.126	ppbv	97
47) 1,1,2-Trichloroethane	8.873	97	1033315	9.864	ppbv	97
48) Dibromochloromethane	9.683	129	1825079	10.305	ppbv	99
49) Bromoform	12.381	173	1530766	11.019	ppbv	100
50) 4-Methyl-2-Pentanone	8.159	43	2557627	10.205	ppbv	100
51) 2-Hexanone	9.526	43	1884400	10.431	ppbv #	99
52) Tetrachloroethene	10.587	164	839498	10.247	ppbv	97
53) Toluene	9.195	91	2748615	10.170	ppbv	99
54) 1,2-Dibromoethane	9.982	107	1491872	10.516	ppbv	97
56) 1,1,1,2-Tetrachloroethane	11.484	131	1333024	9.506	ppbv	99
57) Chlorobenzene	11.503	112	2169721	9.229	ppbv	99
58) Ethyl Benzene	12.063	91	3793639	9.666	ppbv	100
59) m/p-Xylene	12.349	91	3518992	10.284	ppbv #	41
60) o-Xylene	13.034	91	3150747	9.597	ppbv	100
61) Styrene	12.873	104	1603127	10.634	ppbv	99
62) Isopropylbenzene	14.005	105	4571636	9.416	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.024	83	2354709	9.228	ppbv	99
64) n-propylbenzene	14.892	120	1179373	9.614	ppbv	99
65) tert-Butylbenzene	16.066	119	4018728	9.473	ppbv	100
66) Benzyl Chloride	16.301	91	301553	10.848	ppbv	98
67) sec-Butylbenzene	16.609	105	5679391	9.194	ppbv	99
69) p-Isopropyltoluene	16.969	119	4581331	9.575	ppbv	100
70) n-Butylbenzene	17.860	91	4918429	9.513	ppbv	100
71) 2-Chlorotoluene	14.777	91	3585890	9.572	ppbv	100
72) 4-Ethyltoluene	15.166	105	3652397	9.961	ppbv	99
73) 1,3,5-Trimethylbenzene	15.330	105	3136805	9.639	ppbv	99
74) 1,2,4-Trimethylbenzene	16.085	105	3461461	9.383	ppbv #	89
75) 1,3-Dichlorobenzene	16.304	146	1998641	9.520	ppbv	99
76) 1,4-Dichlorobenzene	16.448	146	1949469	9.410	ppbv	100
77) 1,2-Dichlorobenzene	17.117	146	1952821	9.358	ppbv	99
78) Hexachloro-1,3-Butadiene	22.603	225	1108287	8.236	ppbv	99
79) Naphthalene	21.355	128	2483840	11.803	ppbv	99
80) Naphthalene,2-methyl-	24.352	142	464376	12.564	ppbv	96
81) 1,2,4-Trichlorobenzene	21.114	180	1219730	9.934	ppbv	100

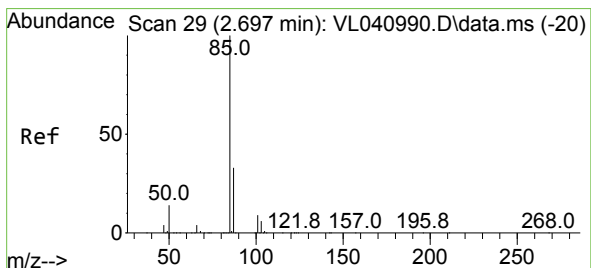
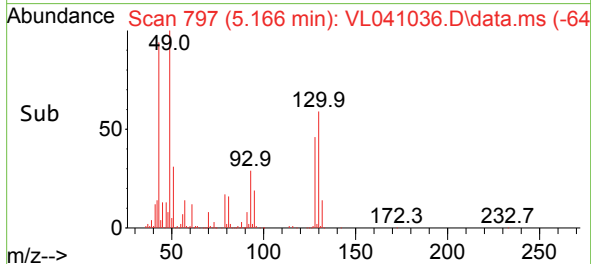
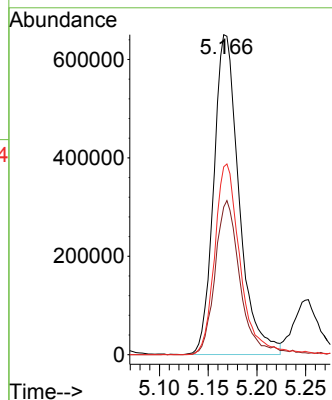
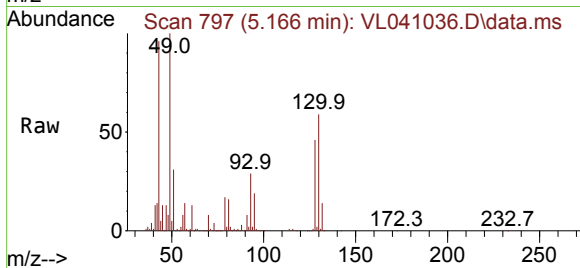
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.166 min Scan# 794
 Delta R.T. -0.000 min
 Lab File: VL041036.D
 Acq: 7 Feb 2024 11:57

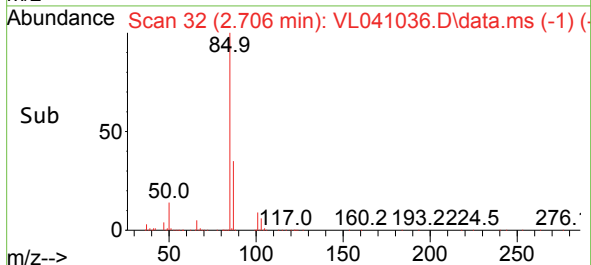
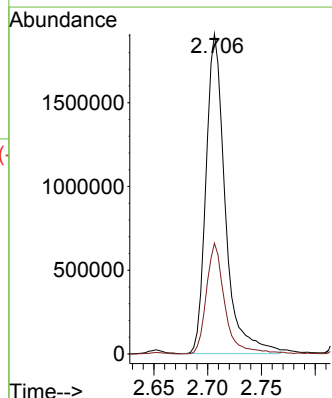
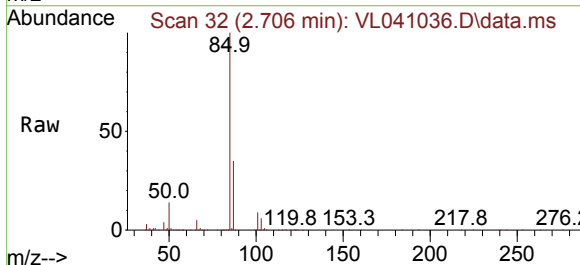
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0207ABS01

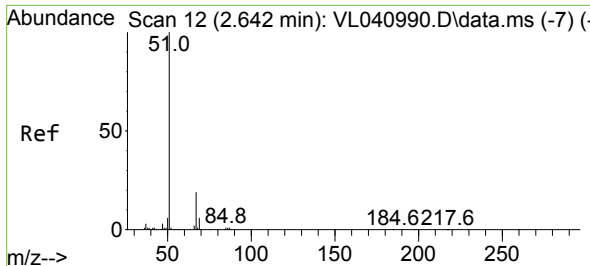
Tgt Ion: 49 Resp: 1177529
 Ion Ratio Lower Upper
 49 100
 128 48.8 23.9 71.7
 130 60.5 31.1 93.5



#2
 Dichlorodifluoromethane
 Concen: 9.137 ppbv
 RT: 2.706 min Scan# 32
 Delta R.T. 0.003 min
 Lab File: VL041036.D
 Acq: 7 Feb 2024 11:57

Tgt Ion: 85 Resp: 2376311
 Ion Ratio Lower Upper
 85 100
 87 34.6 26.3 39.5

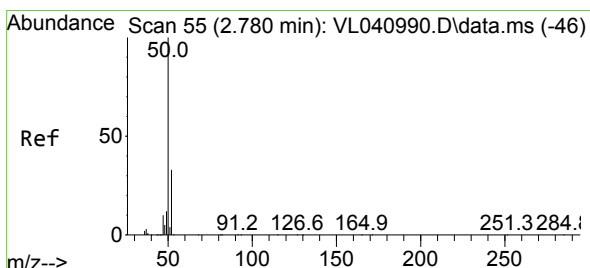
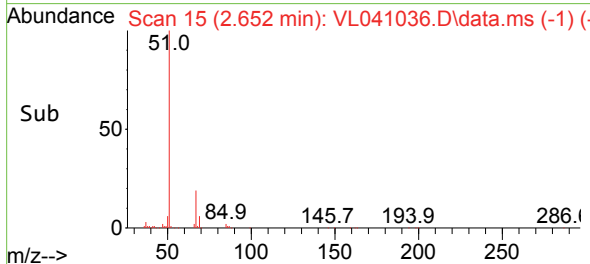
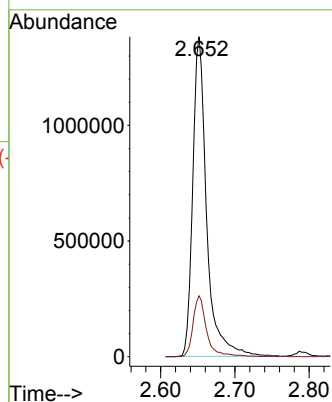
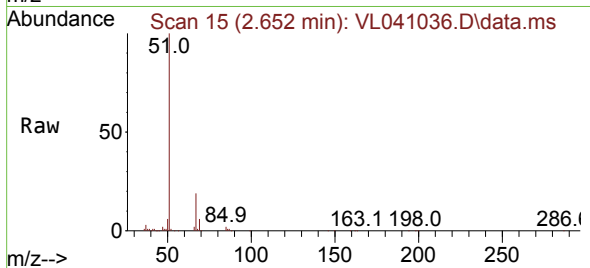




#3
Chlorodifluoromethane
Concen: 9.089 ppbv
RT: 2.652 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL041036.D
Acq: 7 Feb 2024 11:57

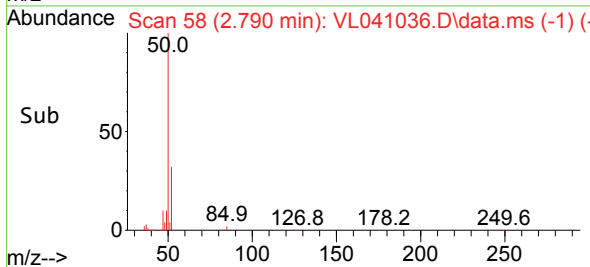
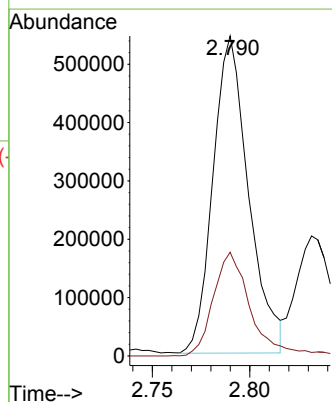
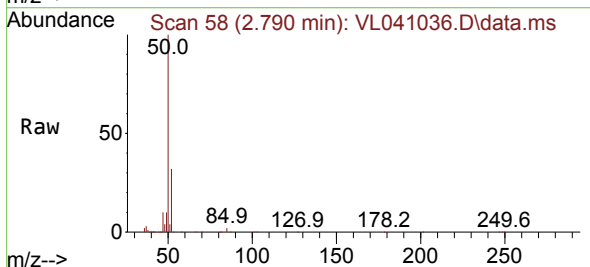
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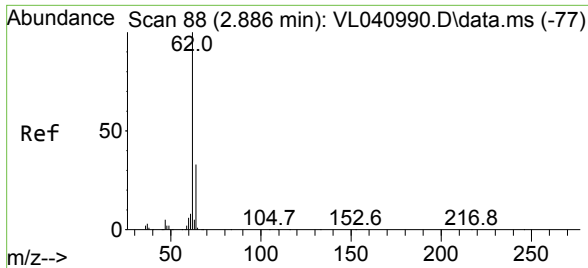
Tgt Ion: 51 Resp: 1800172
Ion Ratio Lower Upper
51 100
67 18.8 14.8 22.2



#4
Chloromethane
Concen: 9.288 ppbv
RT: 2.790 min Scan# 58
Delta R.T. 0.003 min
Lab File: VL041036.D
Acq: 7 Feb 2024 11:57

Tgt Ion: 50 Resp: 689487
Ion Ratio Lower Upper
50 100
52 32.6 26.2 39.4

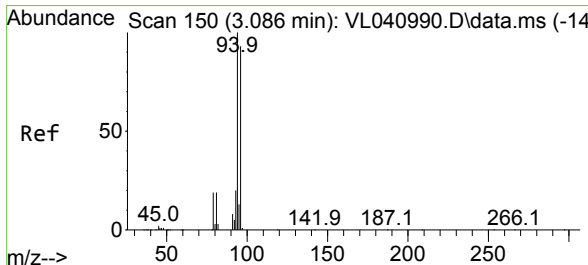
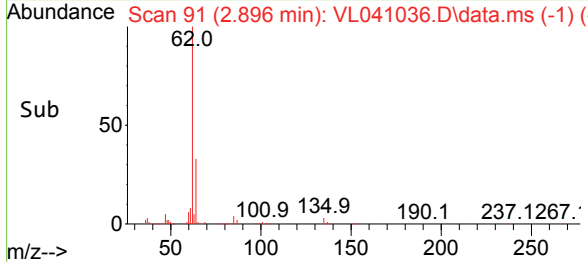
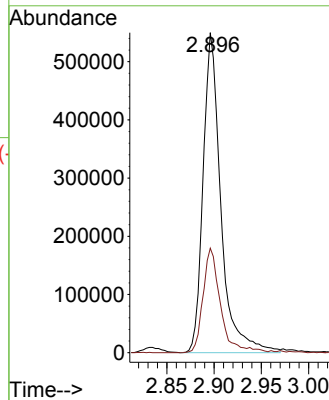
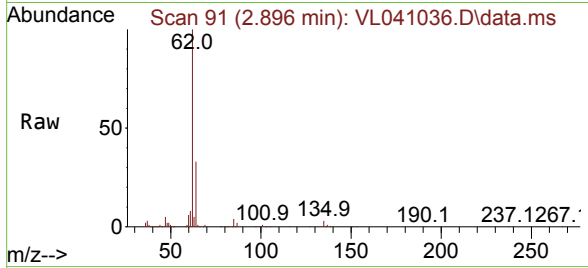




#5
 Vinyl Chloride
 Concen: 9.898 ppbv
 RT: 2.896 min Scan# 91
 Delta R.T. 0.003 min
 Lab File: VL041036.D
 Acq: 7 Feb 2024 11:57

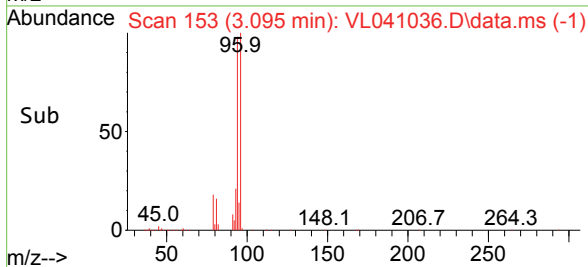
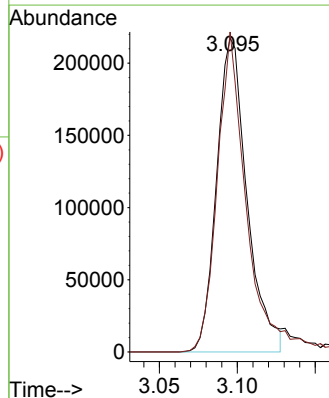
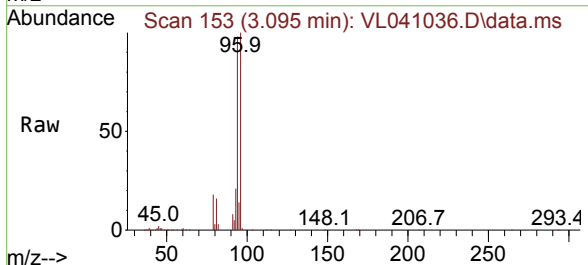
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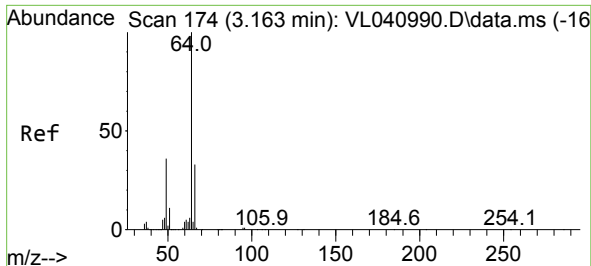
Tgt Ion: 62 Resp: 720431
 Ion Ratio Lower Upper
 62 100
 64 32.7 26.6 40.0



#6
 Bromomethane
 Concen: 9.311 ppbv
 RT: 3.095 min Scan# 153
 Delta R.T. 0.003 min
 Lab File: VL041036.D
 Acq: 7 Feb 2024 11:57

Tgt Ion: 94 Resp: 295060
 Ion Ratio Lower Upper
 94 100
 96 101.9 74.2 111.4

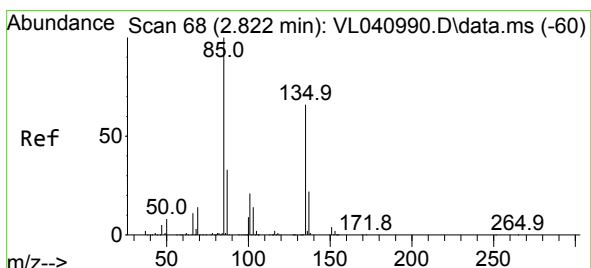
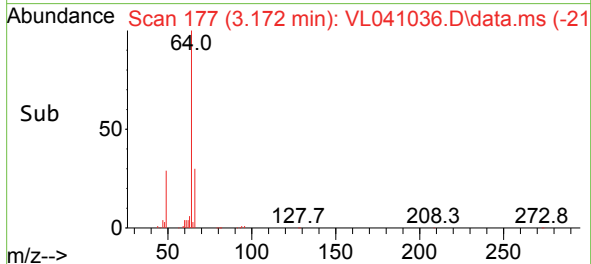
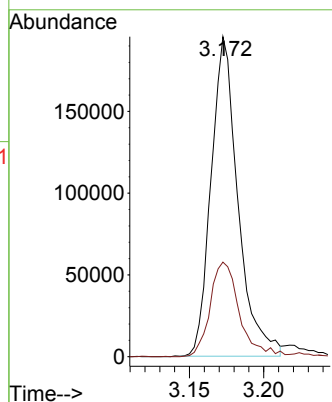
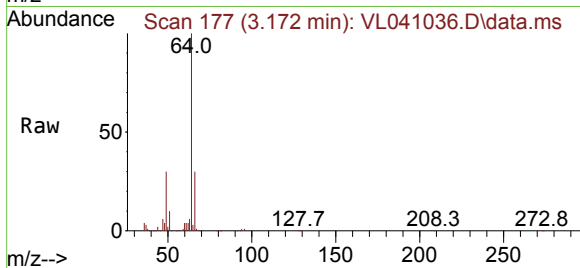




#7
Chloroethane
Concen: 9.392 ppbv
RT: 3.172 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL041036.D
Acq: 7 Feb 2024 11:57

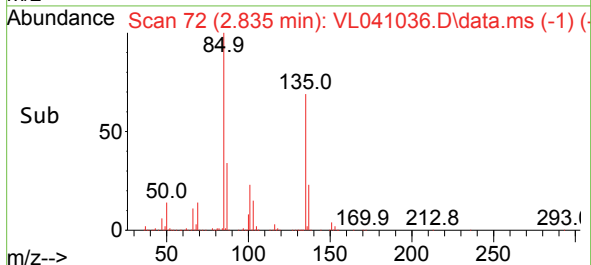
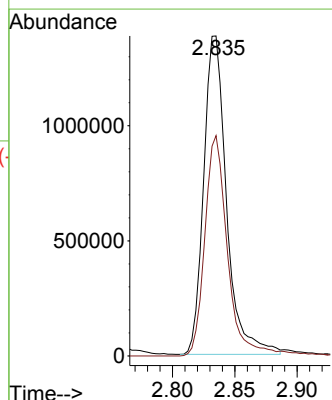
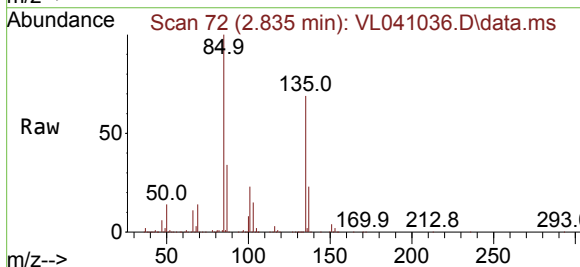
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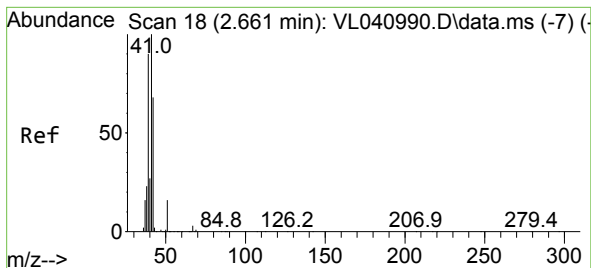
Tgt Ion: 64 Resp: 246141
Ion Ratio Lower Upper
64 100
66 29.6 26.0 39.0



#8
Dichlorotetrafluoroethane
Concen: 9.120 ppbv
RT: 2.835 min Scan# 72
Delta R.T. 0.003 min
Lab File: VL041036.D
Acq: 7 Feb 2024 11:57

Tgt Ion: 85 Resp: 1771939
Ion Ratio Lower Upper
85 100
135 69.7 55.0 82.6





#9

Propene

Concen: 9.341 ppbv

RT: 2.671 min Scan# 21

Delta R.T. 0.003 min

Lab File: VL041036.D

Acq: 7 Feb 2024 11:57

Instrument :

MSVOA_L

ClientSampleId :

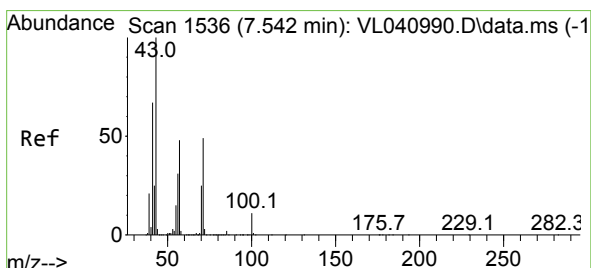
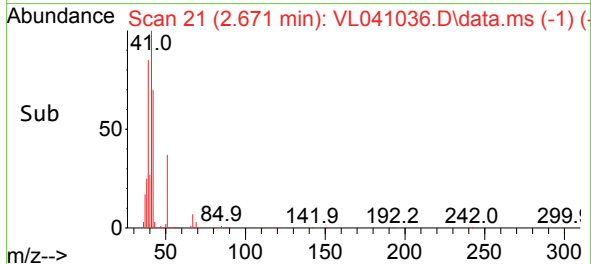
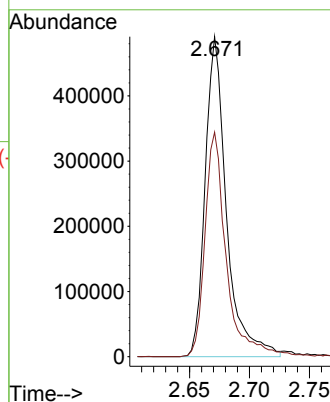
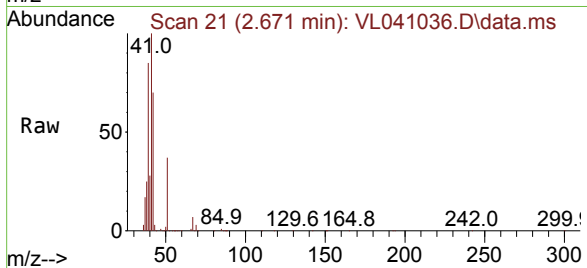
VL0207ABS01

Tgt Ion: 41 Resp: 606814

Ion Ratio Lower Upper

41 100

42 71.0 59.0 88.4



#10

Heptane

Concen: 9.559 ppbv

RT: 7.555 min Scan# 1540

Delta R.T. 0.003 min

Lab File: VL041036.D

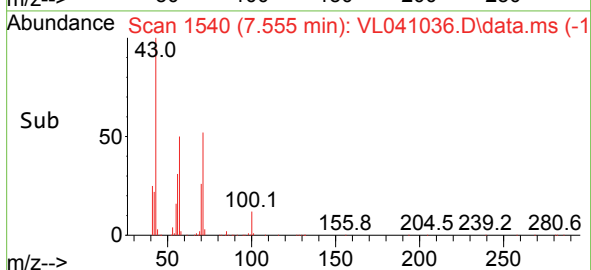
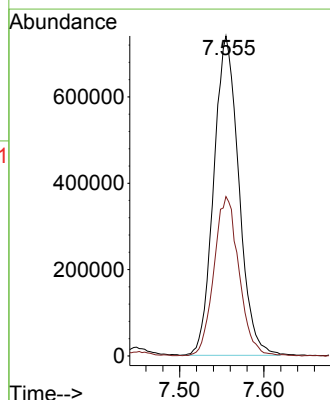
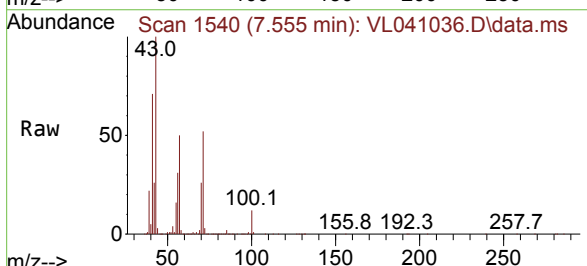
Acq: 7 Feb 2024 11:57

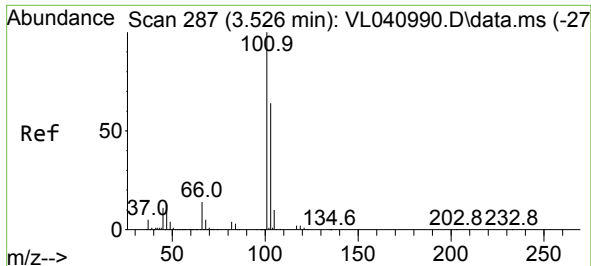
Tgt Ion: 43 Resp: 1528341

Ion Ratio Lower Upper

43 100

57 50.0 39.4 59.2

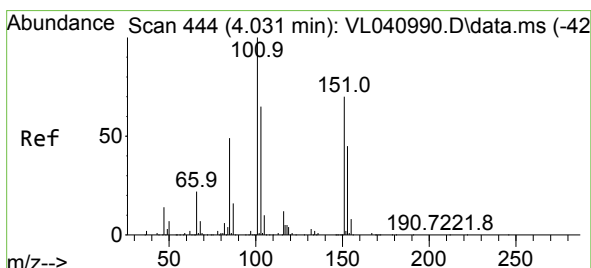
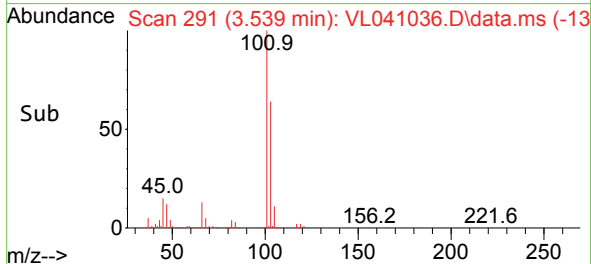
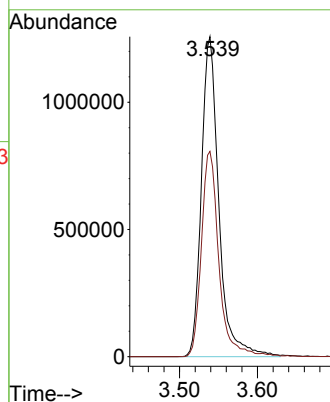
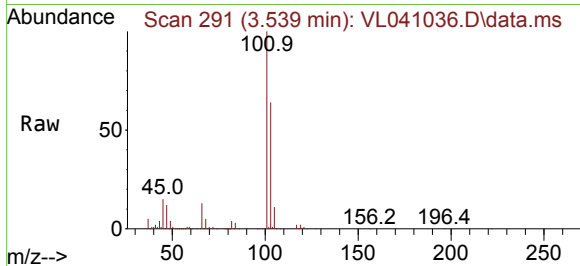




#11
 Trichlorofluoromethane
 Concen: 9.315 ppbv
 RT: 3.539 min Scan# 291
 Delta R.T. 0.006 min
 Lab File: VL041036.D
 Acq: 7 Feb 2024 11:57

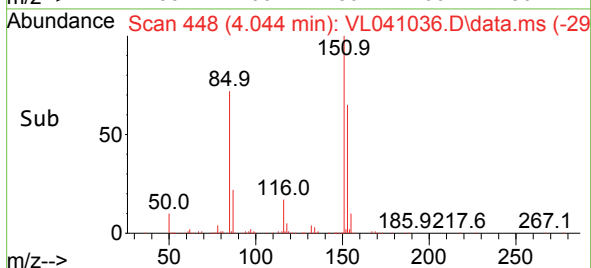
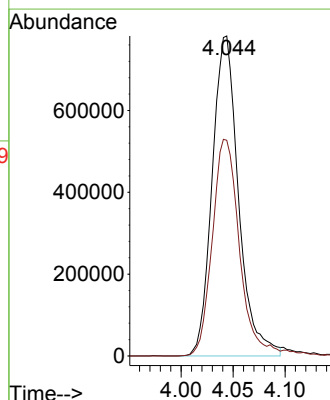
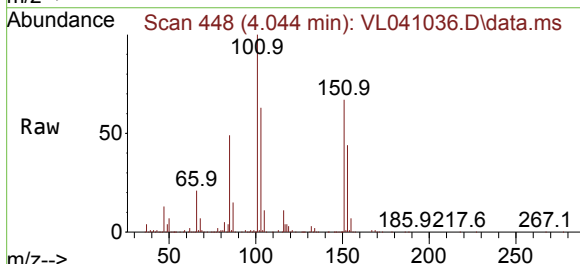
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0207ABS01

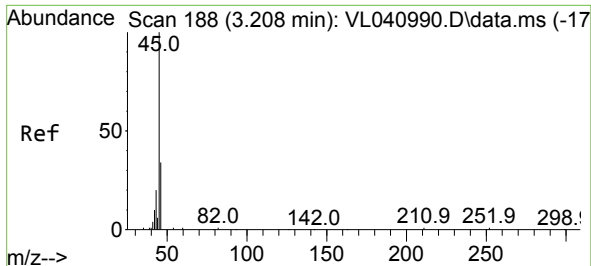
Tgt Ion:101 Resp: 1952095
 Ion Ratio Lower Upper
 101 100
 103 64.1 51.4 77.2



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.083 ppbv
 RT: 4.044 min Scan# 448
 Delta R.T. 0.003 min
 Lab File: VL041036.D
 Acq: 7 Feb 2024 11:57

Tgt Ion:101 Resp: 1379514
 Ion Ratio Lower Upper
 101 100
 151 71.0 56.6 85.0

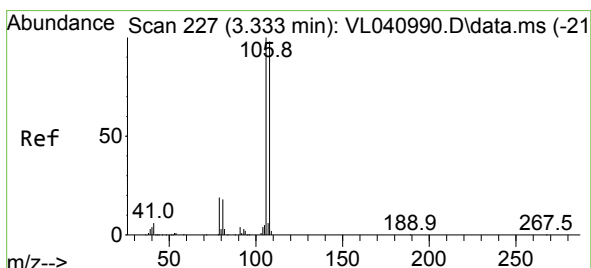
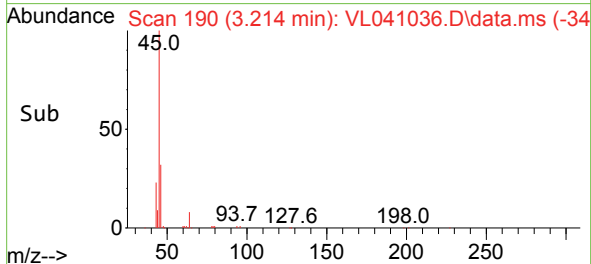
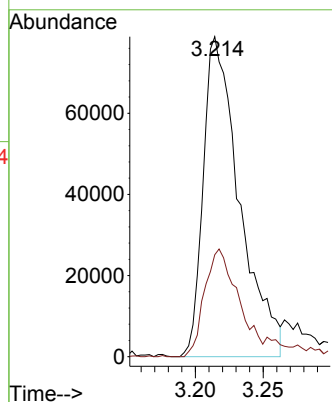
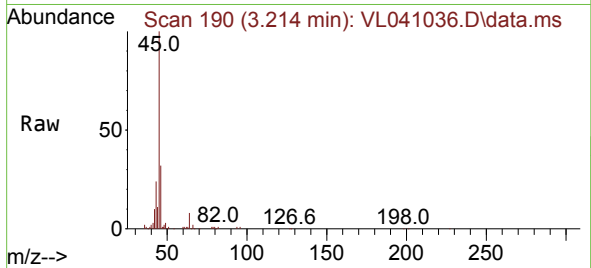




#13
Ethanol
Concen: 9.473 ppbv
RT: 3.214 min Scan# 190
Delta R.T. 0.000 min
Lab File: VL041036.D
Acq: 7 Feb 2024 11:57

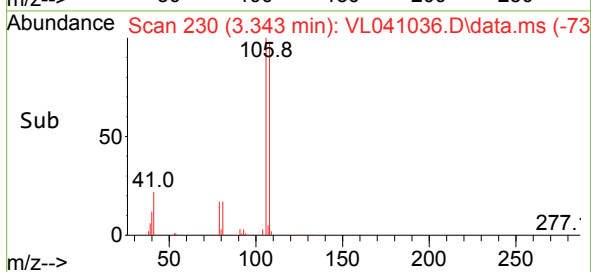
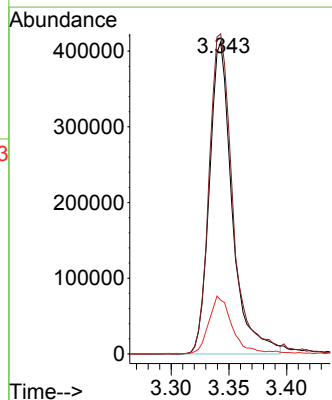
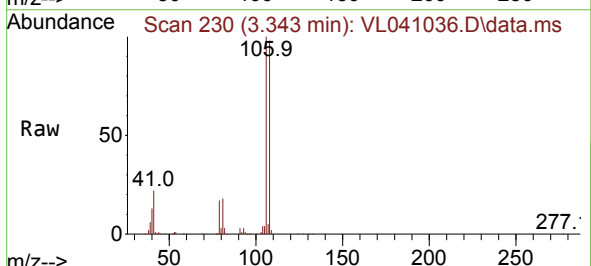
Instrument :
MSVOA_L
ClientSampleId :
VL0207ABS01

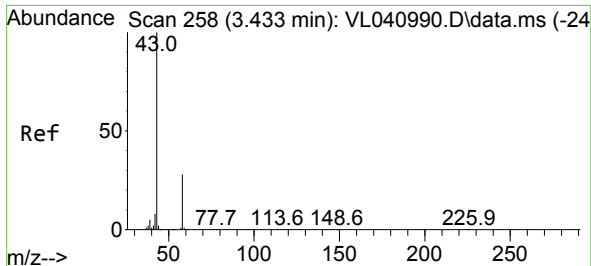
Tgt Ion: 45 Resp: 146662
Ion Ratio Lower Upper
45 100
46 36.2 16.2 64.8



#14
Bromoethene
Concen: 9.714 ppbv
RT: 3.343 min Scan# 230
Delta R.T. 0.003 min
Lab File: VL041036.D
Acq: 7 Feb 2024 11:57

Tgt Ion: 108 Resp: 566451
Ion Ratio Lower Upper
108 100
106 109.5 86.4 129.6
79 19.7 16.2 24.4

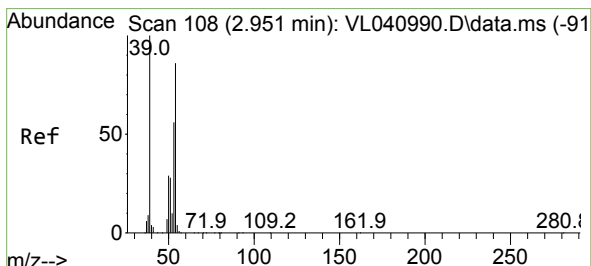
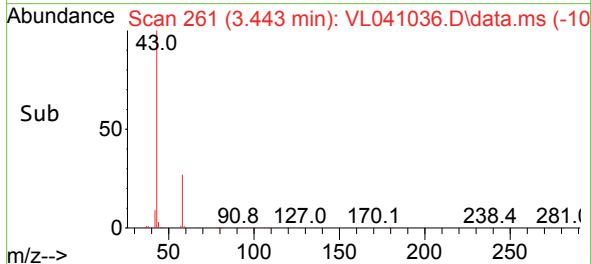
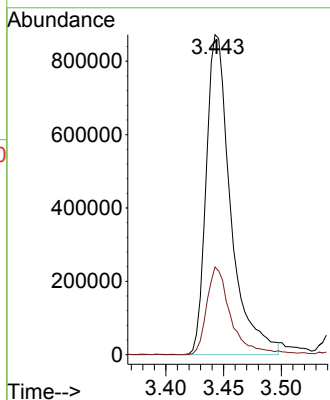
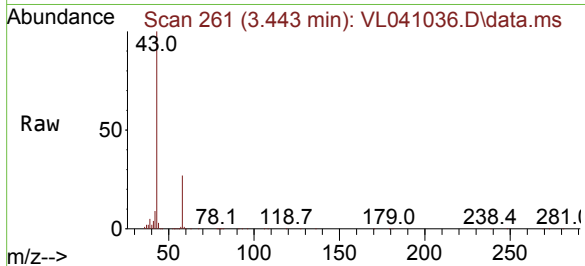




#15
Acetone
Concen: 8.569 ppbv
RT: 3.443 min Scan# 20
Delta R.T. 0.003 min
Lab File: VL041036.D
Acq: 7 Feb 2024 11:57

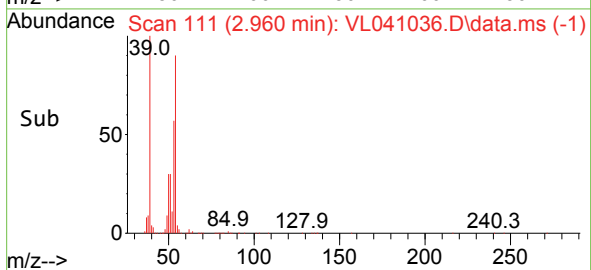
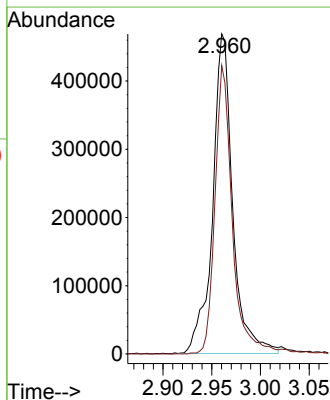
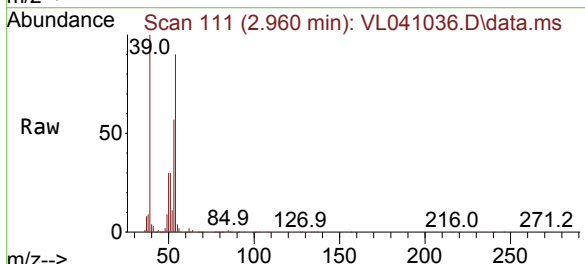
Instrument :
MSVOA_L
ClientSampleId :
VL0207ABS01

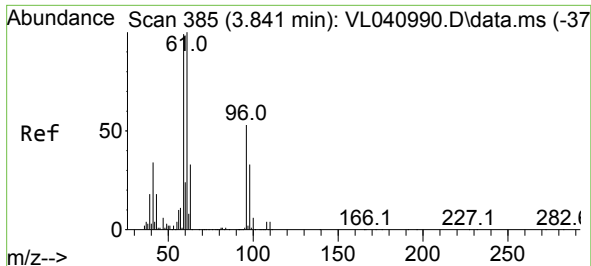
Tgt Ion: 43 Resp: 1290379
Ion Ratio Lower Upper
43 100
58 27.2 22.2 33.2



#16
1,3-Butadiene
Concen: 9.357 ppbv
RT: 2.960 min Scan# 111
Delta R.T. 0.003 min
Lab File: VL041036.D
Acq: 7 Feb 2024 11:57

Tgt Ion: 39 Resp: 674068
Ion Ratio Lower Upper
39 100
54 79.0 62.7 94.1

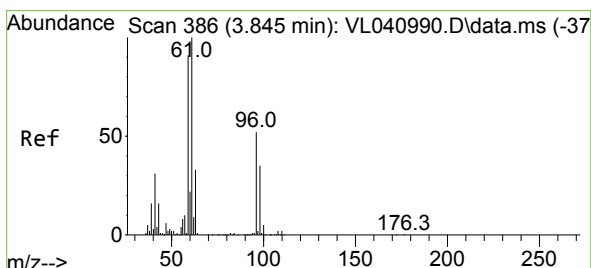
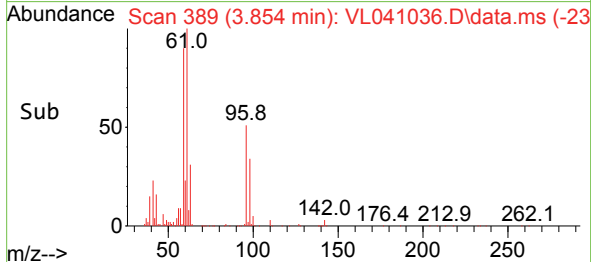
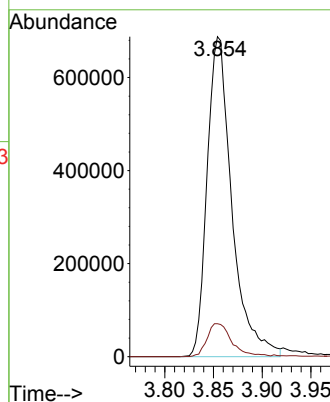
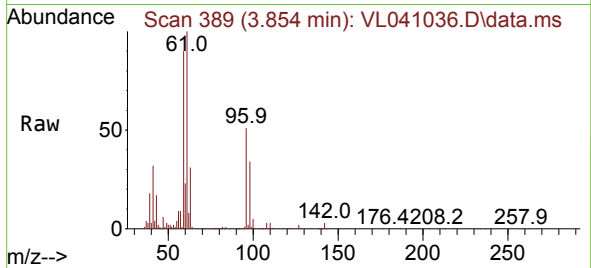




#17
tert-Butyl alcohol
Concen: 9.832 ppbv
RT: 3.854 min Scan# 389
Delta R.T. 0.003 min
Lab File: VL041036.D
Acq: 7 Feb 2024 11:57

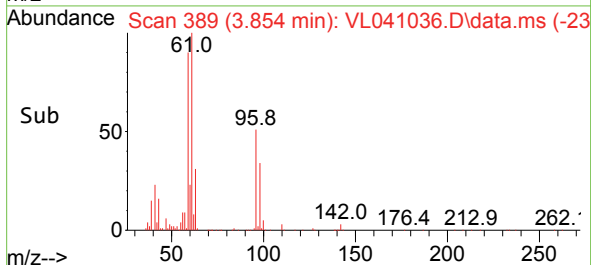
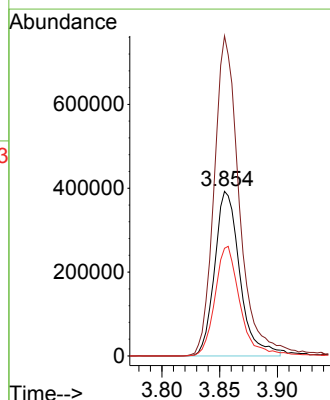
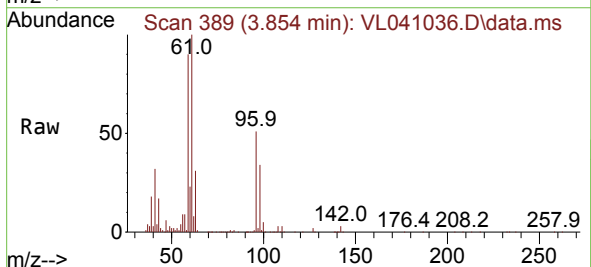
Instrument :
MSVOA_L
ClientSampleId :
VL0207ABS01

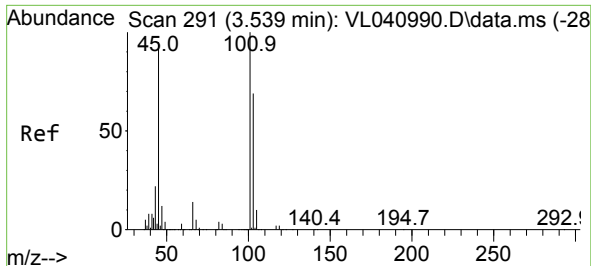
Tgt Ion: 59 Resp: 1214365
Ion Ratio Lower Upper
59 100
57 10.7 8.7 13.1



#18
1,1-Dichloroethene
Concen: 9.166 ppbv
RT: 3.854 min Scan# 389
Delta R.T. 0.003 min
Lab File: VL041036.D
Acq: 7 Feb 2024 11:57

Tgt Ion: 96 Resp: 596032
Ion Ratio Lower Upper
96 100
61 194.3 153.8 230.8
98 65.3 53.7 80.5





#19

Isopropyl Alcohol

Concen: 9.906 ppbv

RT: 3.552 min Scan# 291

Delta R.T. 0.003 min

Lab File: VL041036.D

Acq: 7 Feb 2024 11:57

Instrument :

MSVOA_L

ClientSampleId :

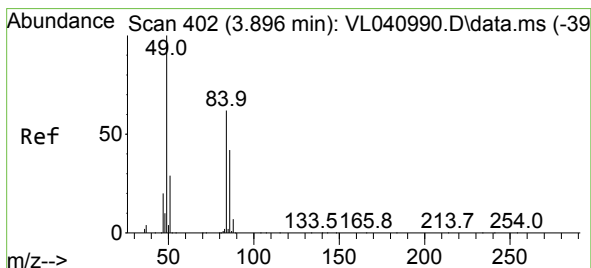
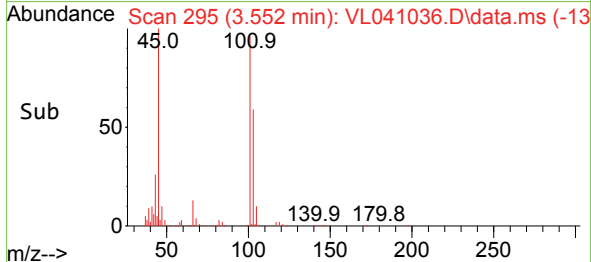
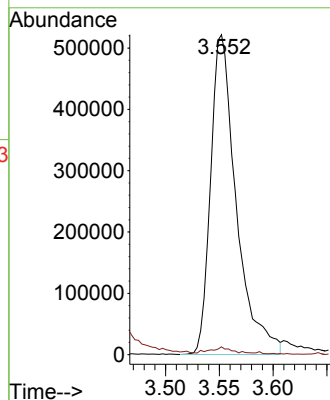
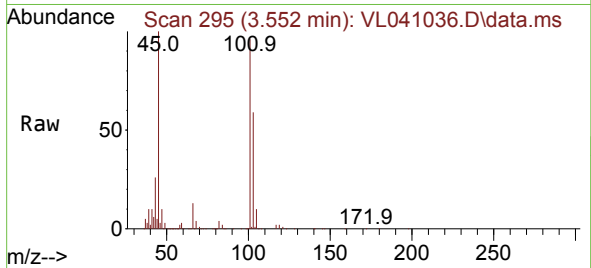
VL0207ABS01

Tgt Ion: 45 Resp: 863492

Ion Ratio Lower Upper

45 100

58 2.4 2.2 3.4



#20

Methylene Chloride

Concen: 8.509 ppbv

RT: 3.909 min Scan# 406

Delta R.T. 0.003 min

Lab File: VL041036.D

Acq: 7 Feb 2024 11:57

Tgt Ion: 84 Resp: 493043

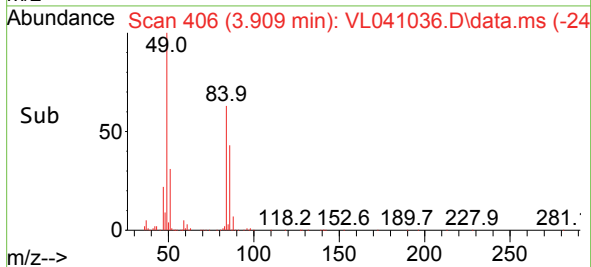
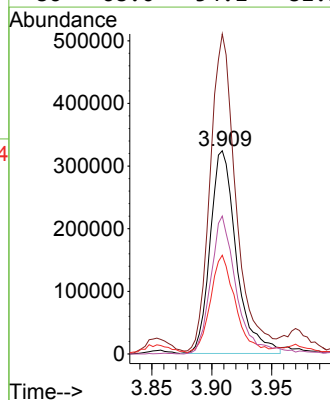
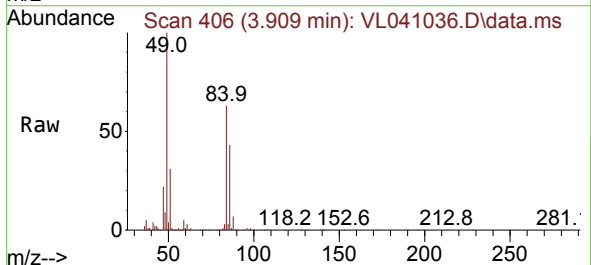
Ion Ratio Lower Upper

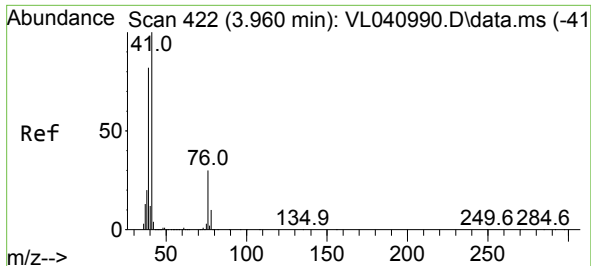
84 100

49 155.8 128.1 192.1

51 47.5 36.5 54.7

86 68.0 54.1 81.1

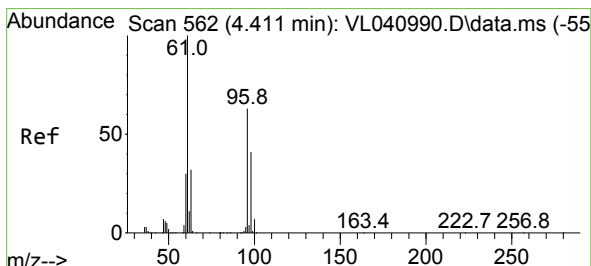
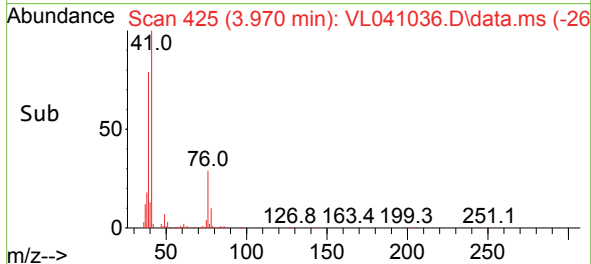
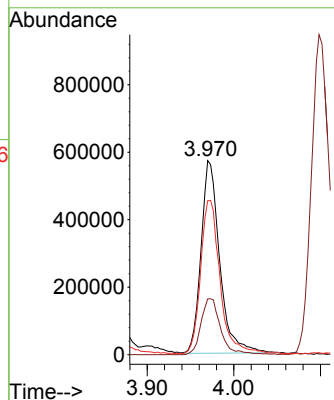
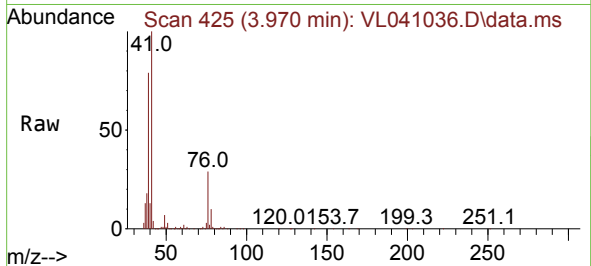




#21
 Allyl Chloride
 Concen: 9.355 ppbv
 RT: 3.970 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL041036.D
 Acq: 7 Feb 2024 11:57

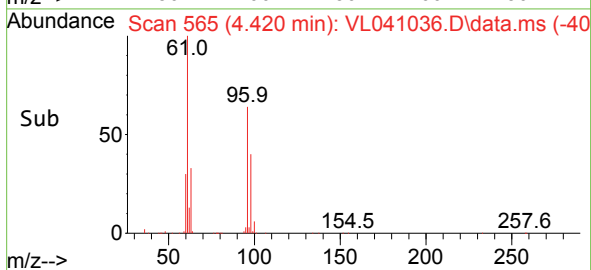
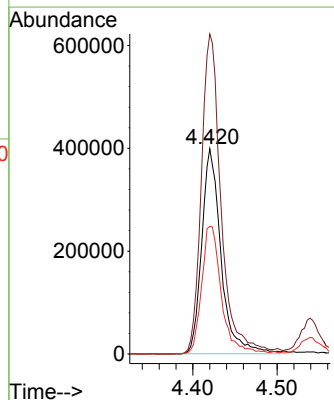
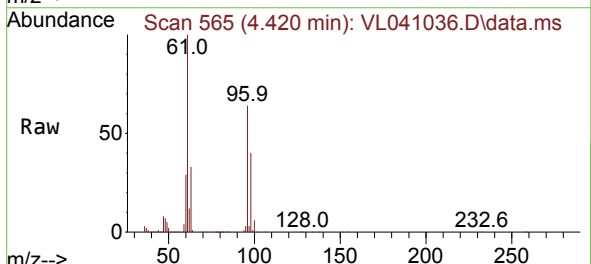
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0207ABS01

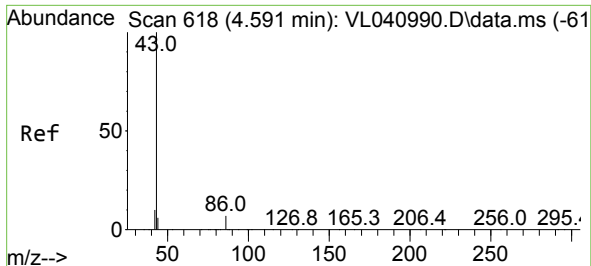
Tgt Ion: 41 Resp: 855868
 Ion Ratio Lower Upper
 41 100
 76 30.6 25.0 37.4
 39 83.6 67.0 100.6



#22
 trans-1,2-Dichloroethene
 Concen: 9.563 ppbv
 RT: 4.420 min Scan# 565
 Delta R.T. 0.003 min
 Lab File: VL041036.D
 Acq: 7 Feb 2024 11:57

Tgt Ion: 96 Resp: 640326
 Ion Ratio Lower Upper
 96 100
 61 155.9 126.0 189.0
 98 62.1 51.2 76.8



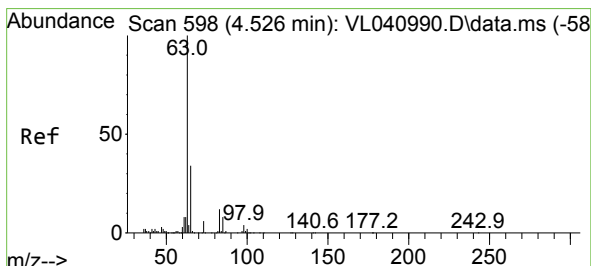
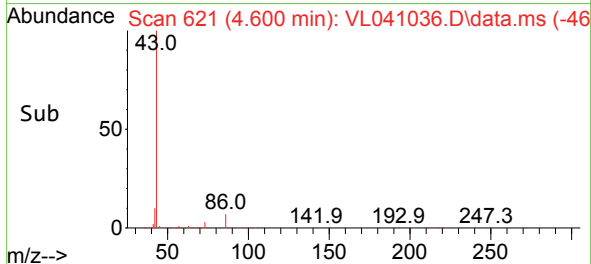
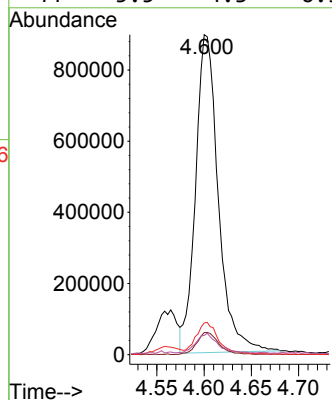
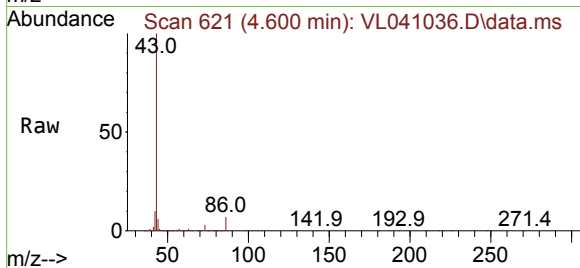


#23
 Vinyl Acetate
 Concen: 9.628 ppbv
 RT: 4.600 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VL041036.D
 Acq: 7 Feb 2024 11:57

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0207ABS01

Tgt Ion: 43 Resp: 1494505

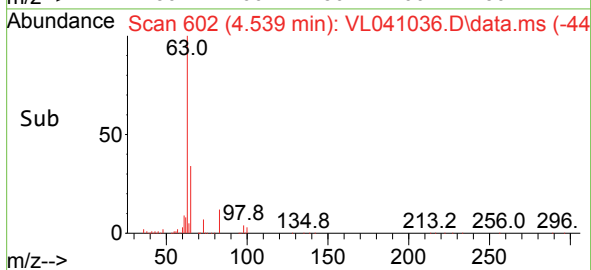
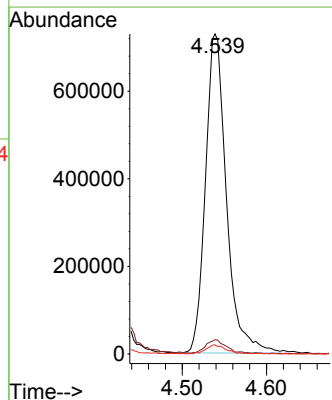
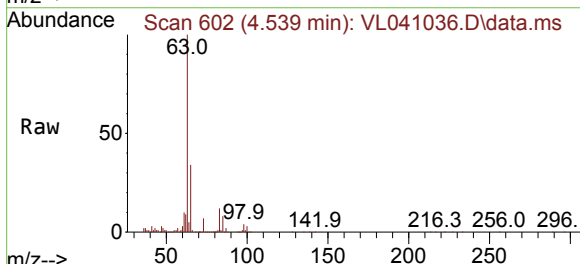
Ion	Ratio	Lower	Upper
43	100		
86	6.8	5.4	8.0
42	9.8	8.6	13.0
44	5.5	4.3	6.5

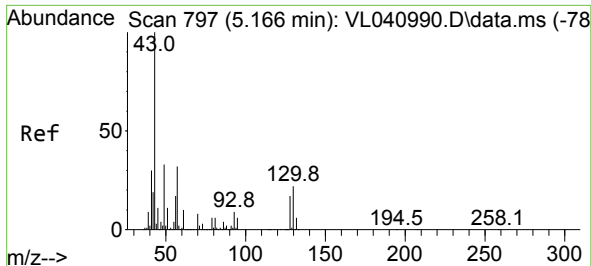


#24
 1,1-Dichloroethane
 Concen: 9.172 ppbv
 RT: 4.539 min Scan# 602
 Delta R.T. 0.003 min
 Lab File: VL041036.D
 Acq: 7 Feb 2024 11:57

Tgt Ion: 63 Resp: 1262910

Ion	Ratio	Lower	Upper
63	100		
98	4.3	2.1	6.3
100	2.9	1.3	3.9



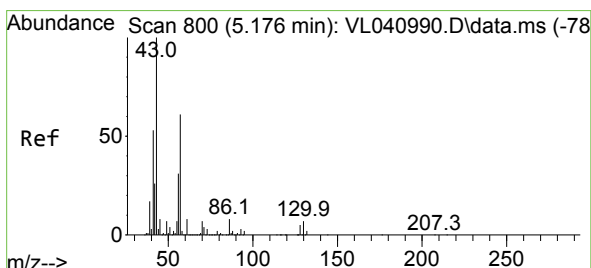
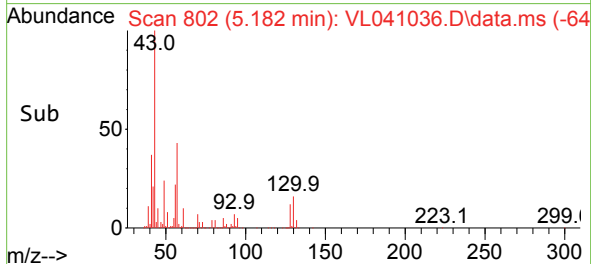
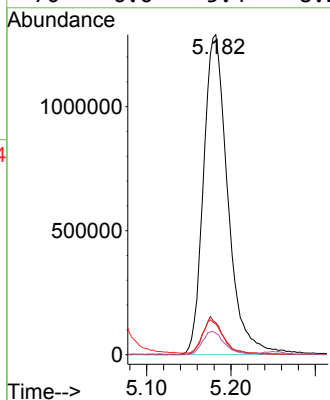
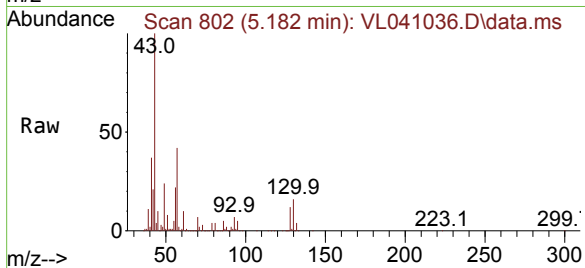


#25
Ethyl Acetate
Concen: 9.429 ppbv
RT: 5.182 min Scan# 801
Delta R.T. 0.003 min
Lab File: VL041036.D
Acq: 7 Feb 2024 11:57

Instrument :
MSVOA_L
ClientSampleId :
VL0207ABS01

Tgt Ion: 43 Resp: 2574487

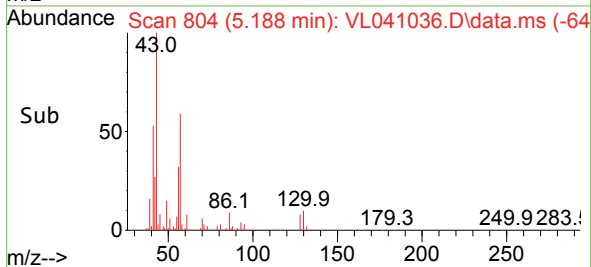
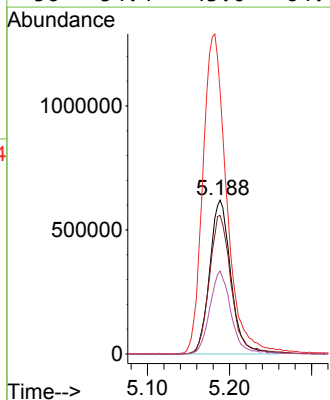
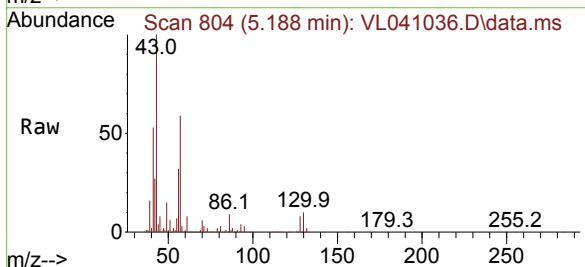
Ion	Ratio	Lower	Upper
43	100		
45	10.3	8.2	12.4
61	10.0	7.9	11.9
70	6.6	5.4	8.2

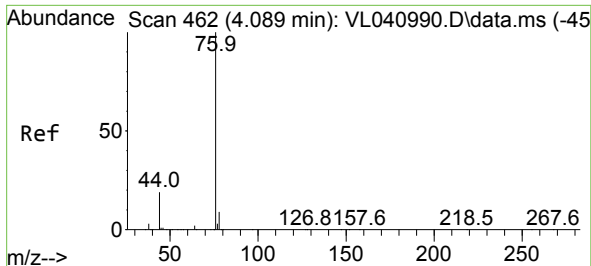


#26
Hexane
Concen: 9.560 ppbv
RT: 5.188 min Scan# 804
Delta R.T. 0.003 min
Lab File: VL041036.D
Acq: 7 Feb 2024 11:57

Tgt Ion: 57 Resp: 1112645

Ion	Ratio	Lower	Upper
57	100		
41	93.7	74.4	111.6
43	234.2	190.6	285.8
56	54.4	43.0	64.4





#27

Carbon Disulfide

Concen: 10.080 ppbv

RT: 4.098 min Scan# 40

Delta R.T. 0.003 min

Lab File: VL041036.D

Acq: 7 Feb 2024 11:57

Instrument :

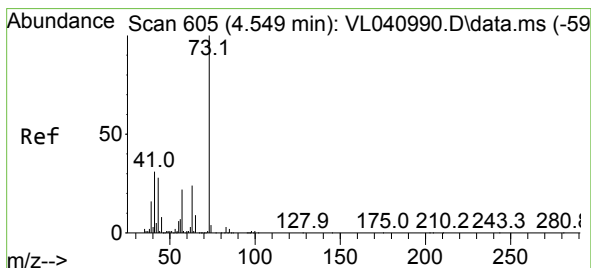
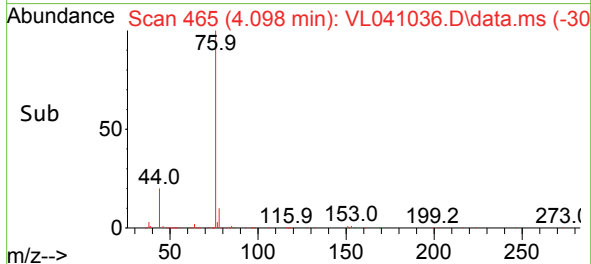
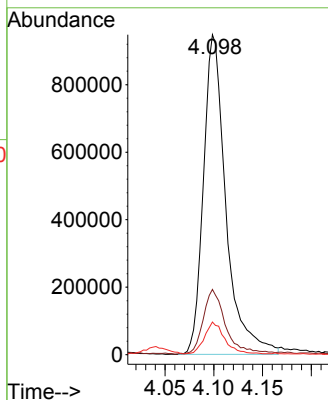
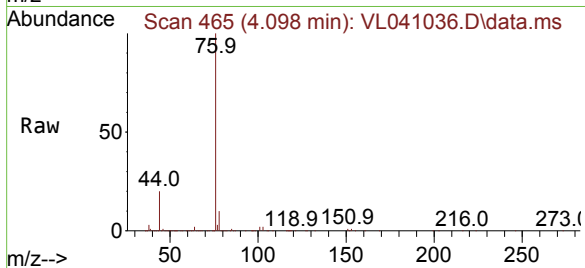
MSVOA_L

ClientSampleId :

VL0207ABS01

Tgt Ion: 76 Resp: 1526560

Ion	Ratio	Lower	Upper
76	100		
44	20.1	16.0	24.0
78	9.0	7.8	11.8



#28

Methyl tert-Butyl Ether

Concen: 8.942 ppbv

RT: 4.561 min Scan# 609

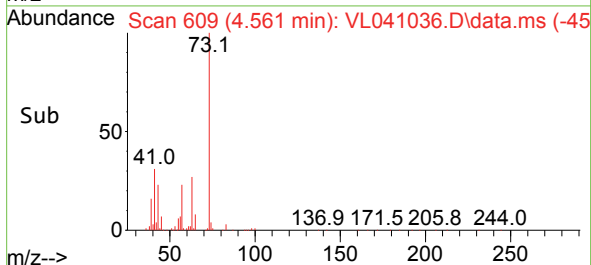
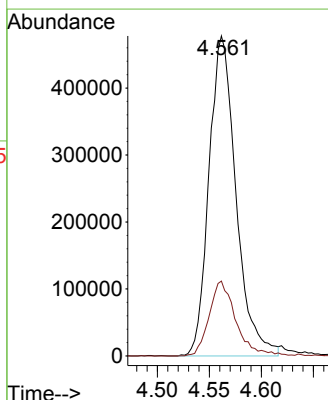
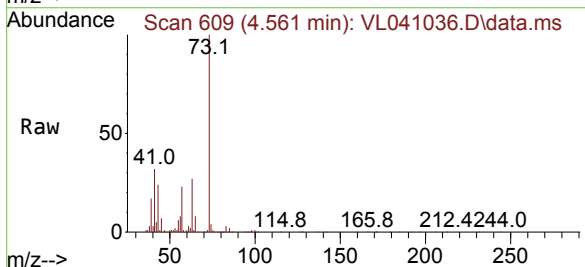
Delta R.T. 0.003 min

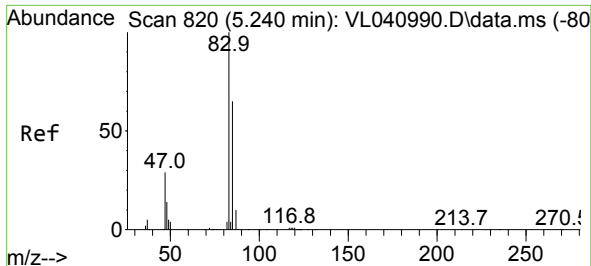
Lab File: VL041036.D

Acq: 7 Feb 2024 11:57

Tgt Ion: 73 Resp: 863722

Ion	Ratio	Lower	Upper
73	100		
57	23.4	18.0	27.0





#29

Chloroform

Concen: 9.249 ppbv

RT: 5.250 min Scan# 81

Delta R.T. 0.003 min

Lab File: VL041036.D

Acq: 7 Feb 2024 11:57

Instrument :

MSVOA_L

ClientSampleId :

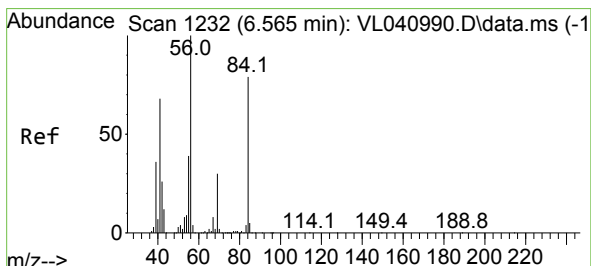
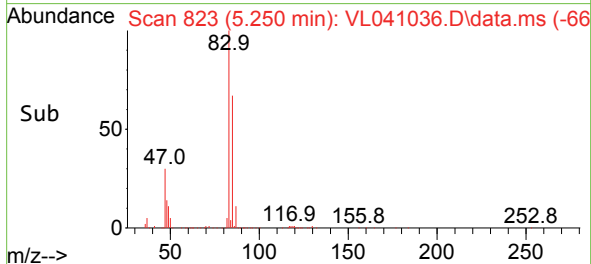
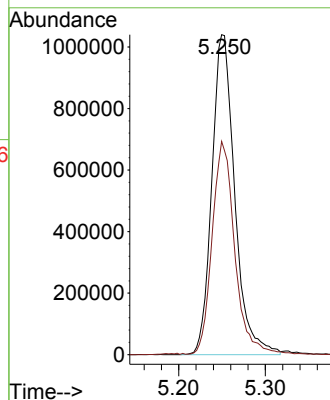
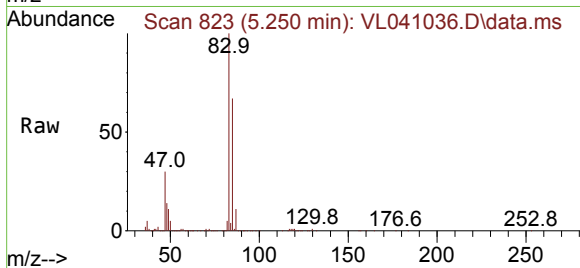
VL0207ABS01

Tgt Ion: 83 Resp: 1909210

Ion Ratio Lower Upper

83 100

85 66.5 51.6 77.4



#30

Cyclohexane

Concen: 9.743 ppbv

RT: 6.577 min Scan# 1236

Delta R.T. 0.003 min

Lab File: VL041036.D

Acq: 7 Feb 2024 11:57

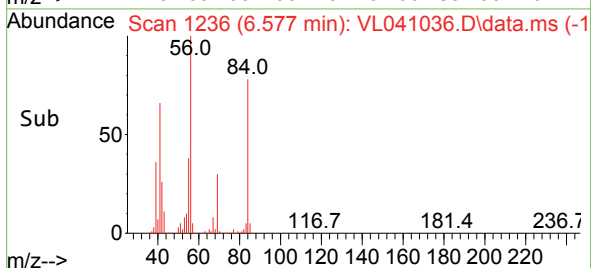
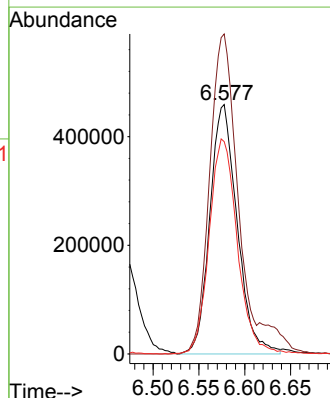
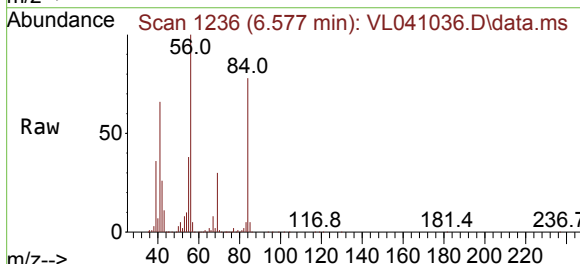
Tgt Ion: 84 Resp: 950053

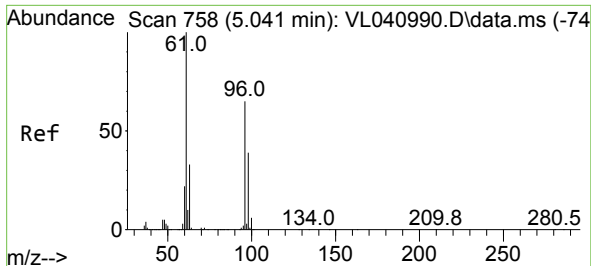
Ion Ratio Lower Upper

84 100

56 138.5 111.7 167.5

41 88.8 71.0 106.6

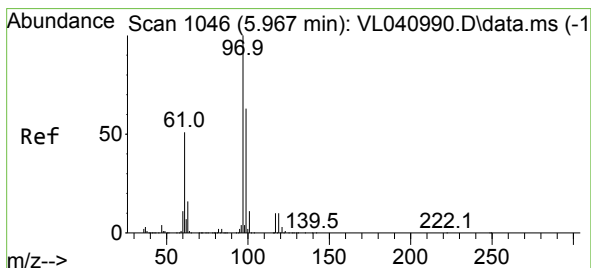
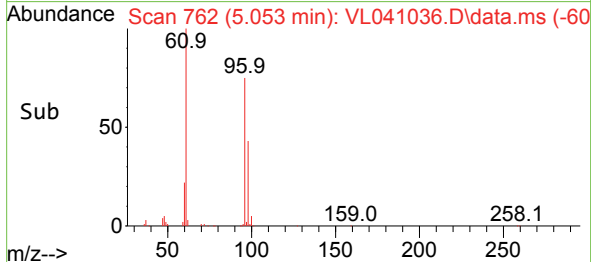
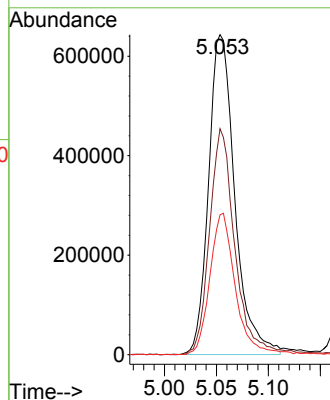
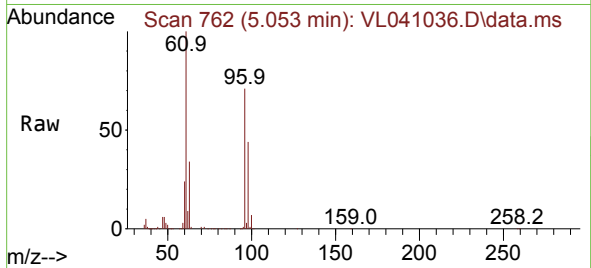




#31
 cis-1,2-Dichloroethene
 Concen: 10.334 ppbv
 RT: 5.053 min Scan# 7
 Delta R.T. 0.003 min
 Lab File: VL041036.D
 Acq: 7 Feb 2024 11:57

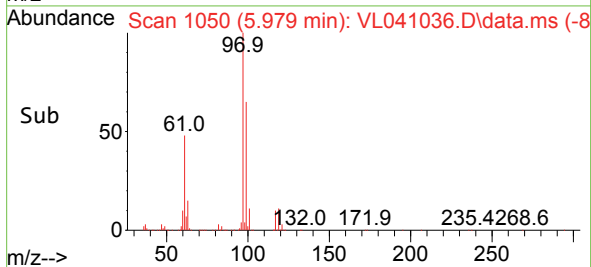
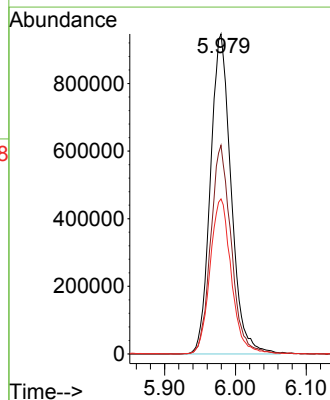
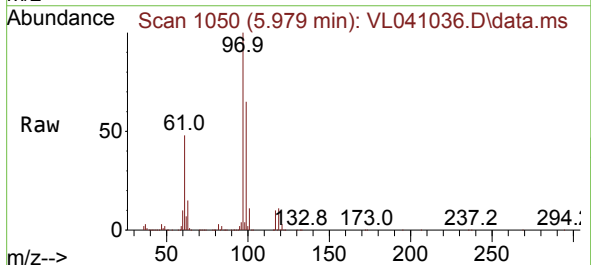
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0207ABS01

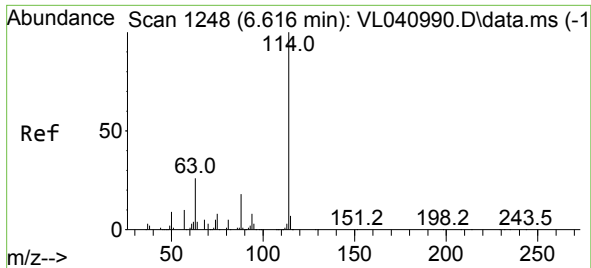
Tgt Ion: 61 Resp: 1128790
 Ion Ratio Lower Upper
 61 100
 96 70.5 51.9 77.9
 98 43.7 31.5 47.3



#32
 1,1,1-Trichloroethane
 Concen: 9.719 ppbv
 RT: 5.979 min Scan# 1050
 Delta R.T. 0.003 min
 Lab File: VL041036.D
 Acq: 7 Feb 2024 11:57

Tgt Ion: 97 Resp: 1917388
 Ion Ratio Lower Upper
 97 100
 99 64.9 51.5 77.3
 61 50.0 40.3 60.5

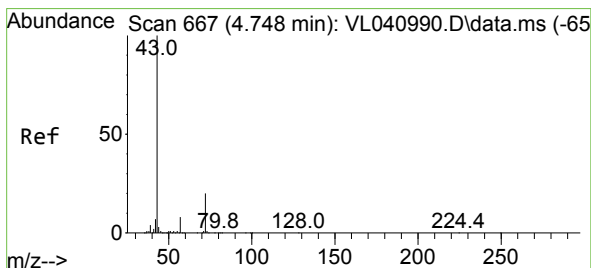
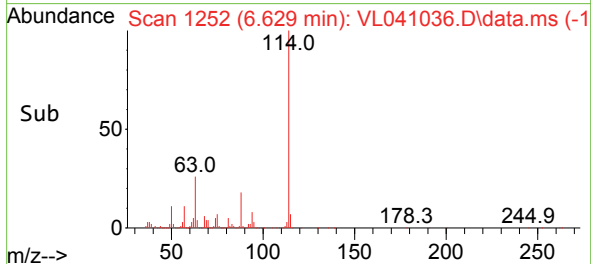
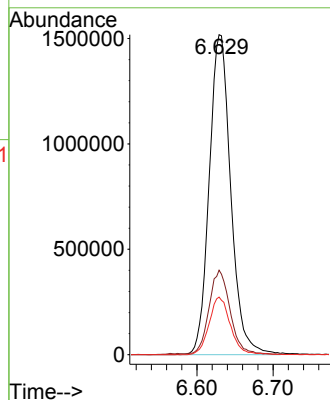
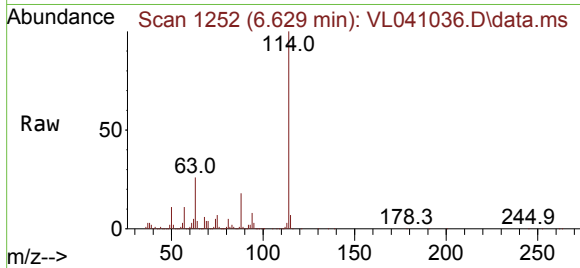




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 6.629 min Scan# 11
 Delta R.T. 0.003 min
 Lab File: VL041036.D
 Acq: 7 Feb 2024 11:57

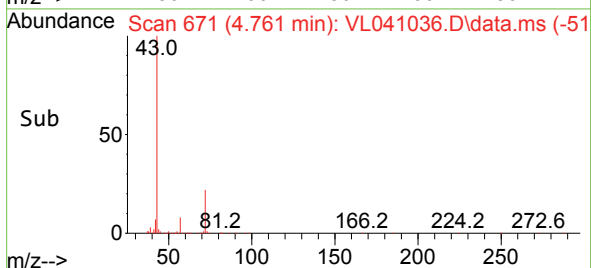
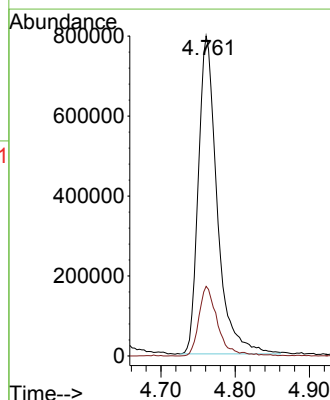
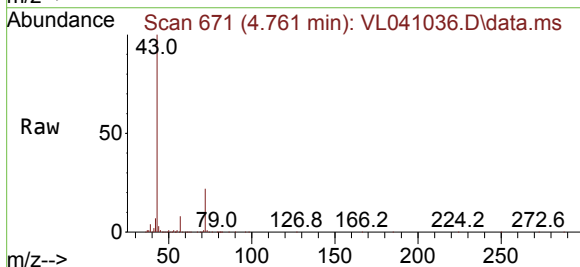
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0207ABS01

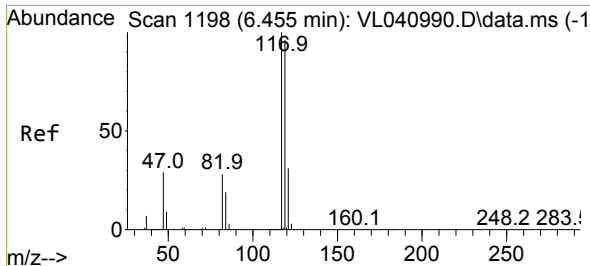
Tgt Ion:114 Resp: 2987153
 Ion Ratio Lower Upper
 114 100
 63 26.4 20.8 31.2
 88 17.8 14.3 21.5



#34
 2-Butanone
 Concen: 9.840 ppbv
 RT: 4.761 min Scan# 671
 Delta R.T. 0.003 min
 Lab File: VL041036.D
 Acq: 7 Feb 2024 11:57

Tgt Ion: 43 Resp: 1400349
 Ion Ratio Lower Upper
 43 100
 72 22.0 17.5 26.3

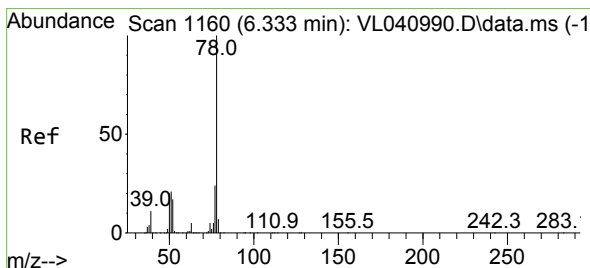
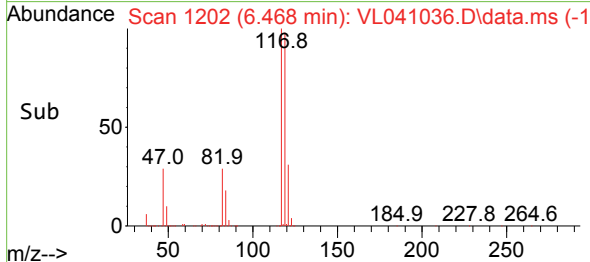
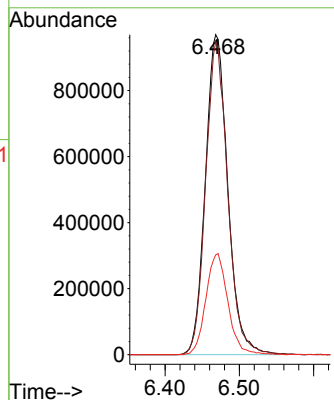
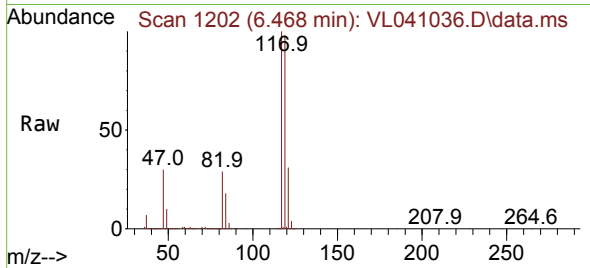




#35
Carbon Tetrachloride
Concen: 10.226 ppbv
RT: 6.468 min Scan# 1198
Delta R.T. 0.003 min
Lab File: VL041036.D
Acq: 7 Feb 2024 11:57

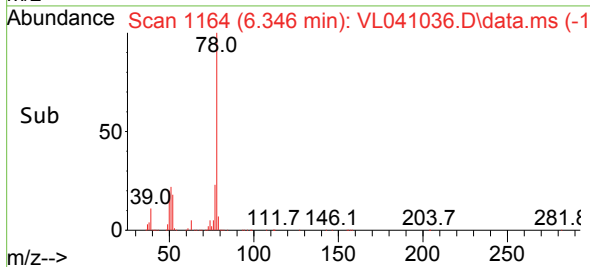
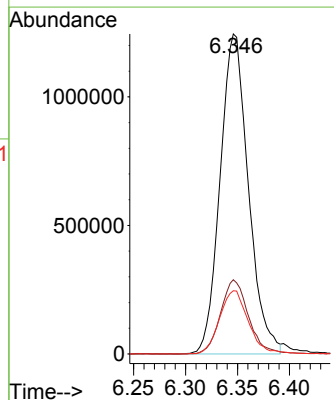
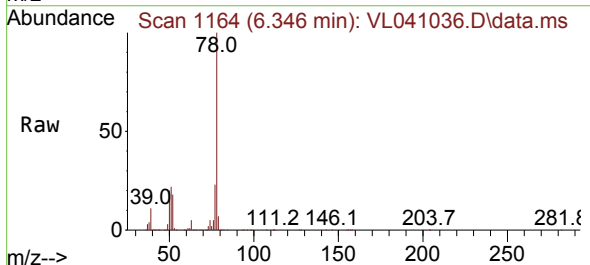
Instrument :
MSVOA_L
ClientSampleId :
VL0207ABS01

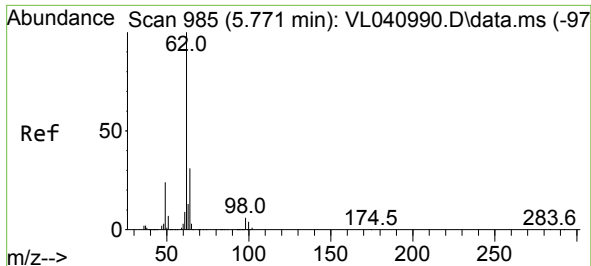
Tgt Ion:117 Resp: 2037080
Ion Ratio Lower Upper
117 100
119 97.7 76.9 115.3
121 31.2 24.7 37.1



#36
Benzene
Concen: 9.558 ppbv
RT: 6.346 min Scan# 1164
Delta R.T. 0.003 min
Lab File: VL041036.D
Acq: 7 Feb 2024 11:57

Tgt Ion: 78 Resp: 2358050
Ion Ratio Lower Upper
78 100
77 23.2 19.0 28.4
50 19.7 15.8 23.6





#37

1,2-Dichloroethane

Concen: 9.680 ppbv

RT: 5.783 min Scan# 9

Delta R.T. 0.003 min

Lab File: VL041036.D

Acq: 7 Feb 2024 11:57

Instrument :

MSVOA_L

ClientSampleId :

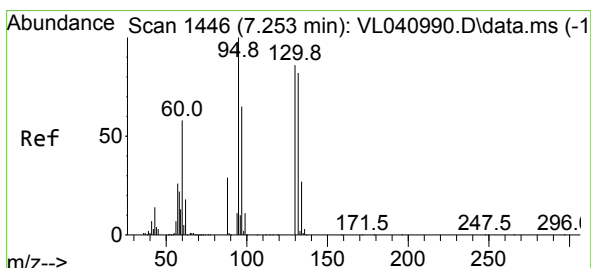
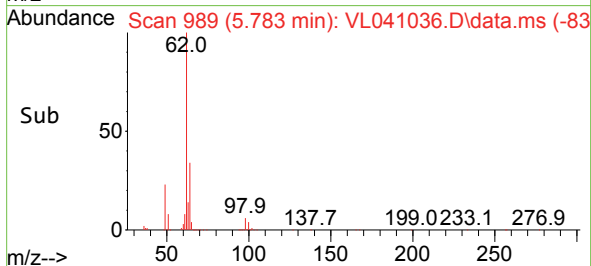
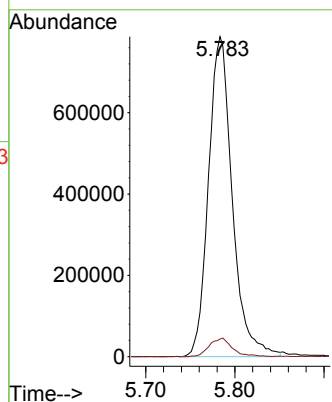
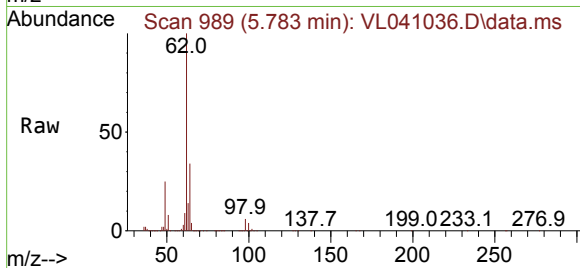
VL0207ABS01

Tgt Ion: 62 Resp: 1457425

Ion Ratio Lower Upper

62 100

98 5.9 4.7 7.1



#38

Trichloroethene

Concen: 9.622 ppbv

RT: 7.269 min Scan# 1451

Delta R.T. 0.006 min

Lab File: VL041036.D

Acq: 7 Feb 2024 11:57

Tgt Ion:130 Resp: 951677

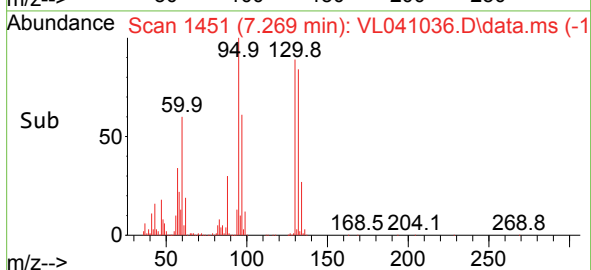
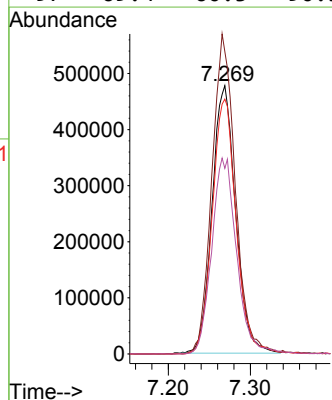
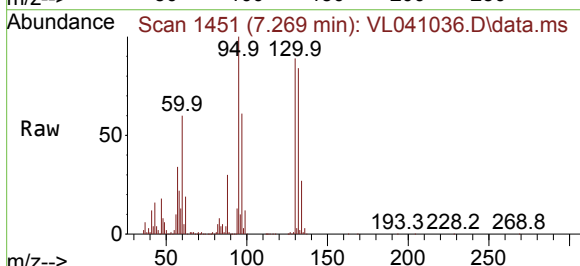
Ion Ratio Lower Upper

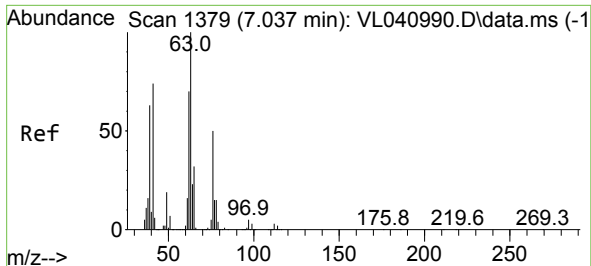
130 100

95 113.0 92.9 139.3

132 95.2 76.2 114.2

97 69.4 60.3 90.5





#39

1,2-Dichloropropane

Concen: 9.661 ppbv

RT: 7.047 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL041036.D

Acq: 7 Feb 2024 11:57

Instrument :

MSVOA_L

ClientSampleId :

VL0207ABS01

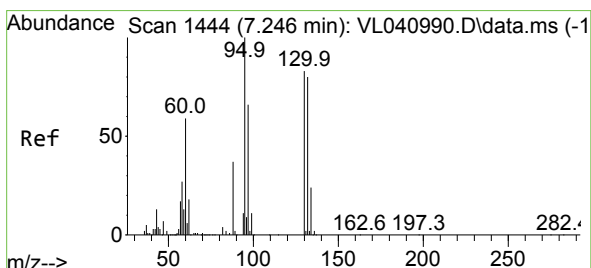
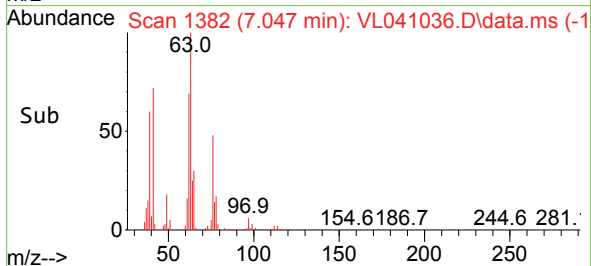
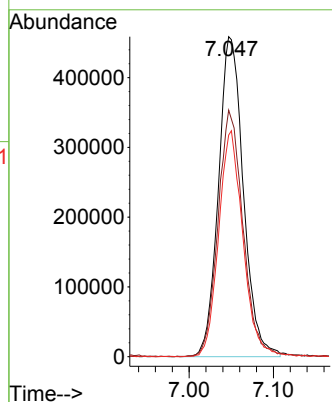
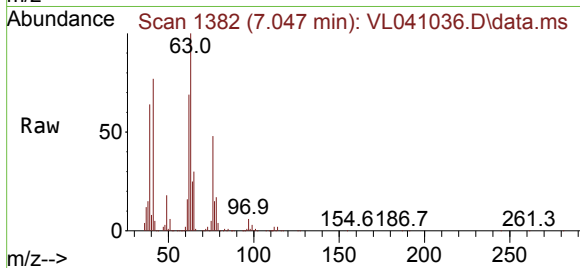
Tgt Ion: 63 Resp: 938878

Ion Ratio Lower Upper

63 100

41 76.9 59.6 89.4

62 69.2 55.6 83.4



#40

1,4-Dioxane

Concen: 10.356 ppbv

RT: 7.259 min Scan# 1448

Delta R.T. 0.003 min

Lab File: VL041036.D

Acq: 7 Feb 2024 11:57

Tgt Ion: 88 Resp: 418048

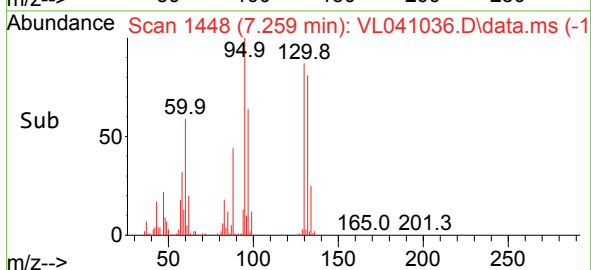
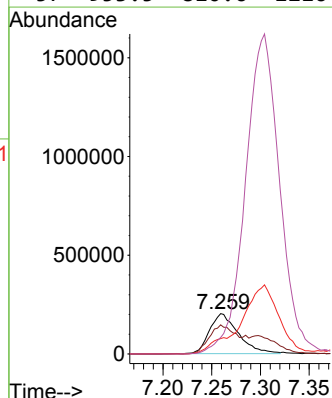
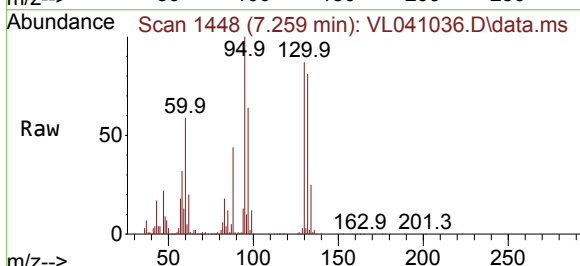
Ion Ratio Lower Upper

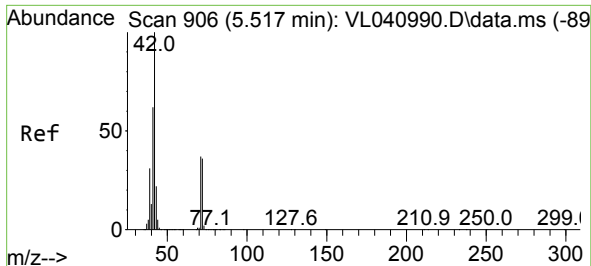
88 100

58 117.6 96.6 144.8

43 232.6 191.0 286.6

57 953.5 810.6 1216.0

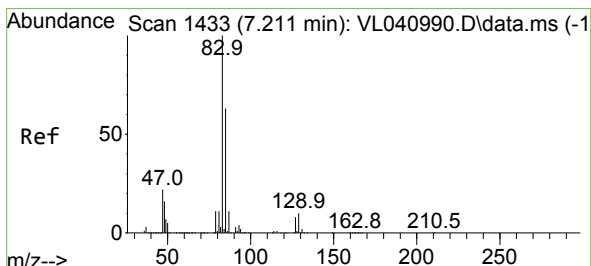
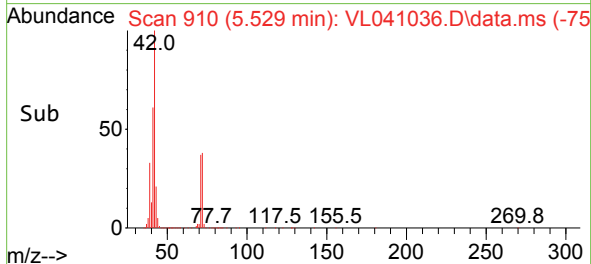
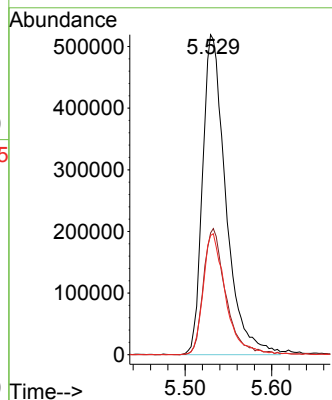
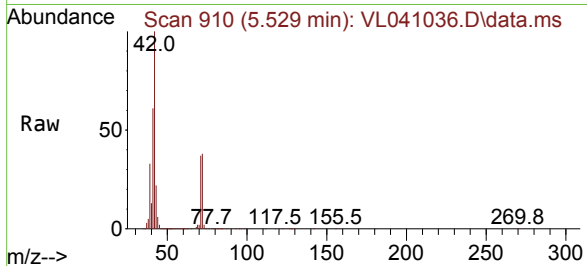




#41
Tetrahydrofuran
Concen: 10.030 ppbv
RT: 5.529 min Scan# 910
Delta R.T. 0.000 min
Lab File: VL041036.D
Acq: 7 Feb 2024 11:57

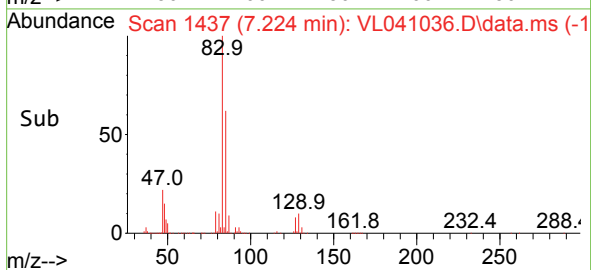
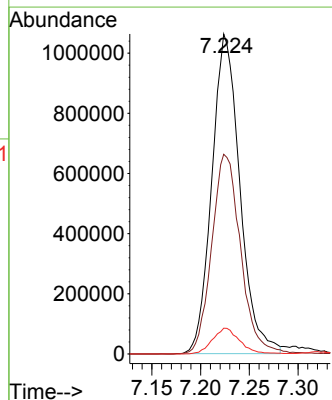
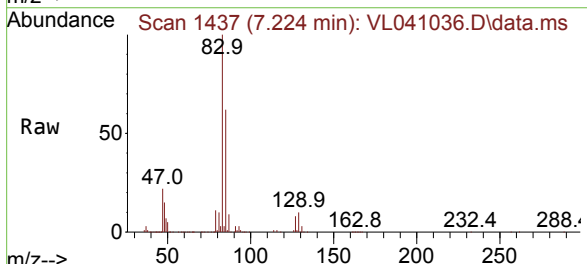
Instrument :
MSVOA_L
ClientSampleId :
VL0207ABS01

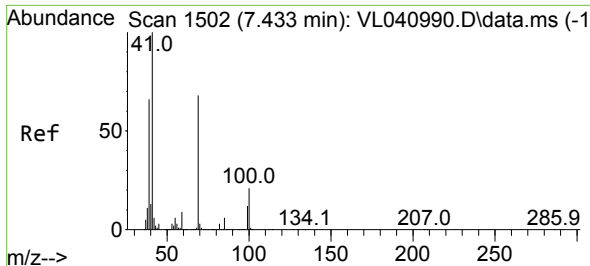
Tgt Ion: 42 Resp: 969186
Ion Ratio Lower Upper
42 100
72 38.2 30.0 45.0
71 37.2 29.5 44.3



#42
Bromodichloromethane
Concen: 9.887 ppbv
RT: 7.224 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VL041036.D
Acq: 7 Feb 2024 11:57

Tgt Ion: 83 Resp: 2129687
Ion Ratio Lower Upper
83 100
85 62.4 50.5 75.7
127 8.1 6.4 9.6

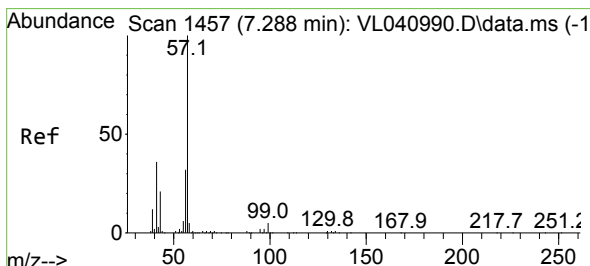
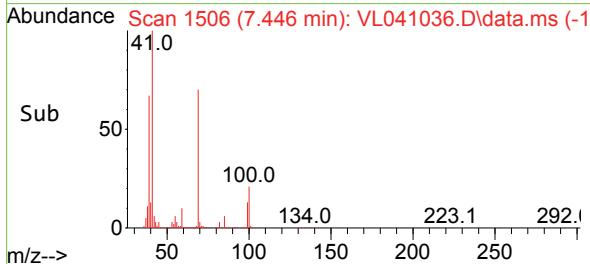
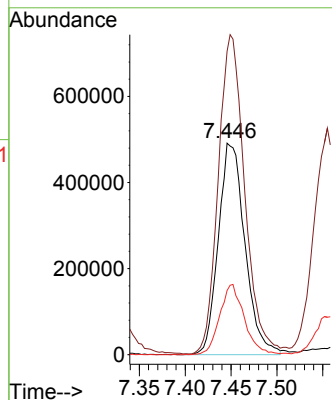
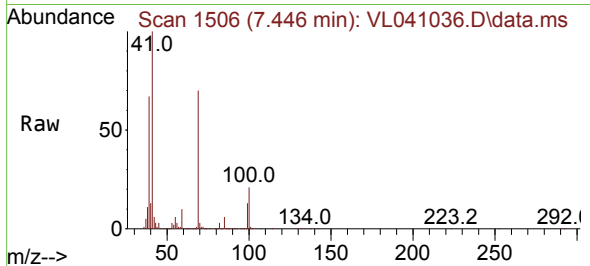




#43
Methyl Methacrylate
Concen: 10.407 ppbv
RT: 7.446 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL041036.D
Acq: 7 Feb 2024 11:57

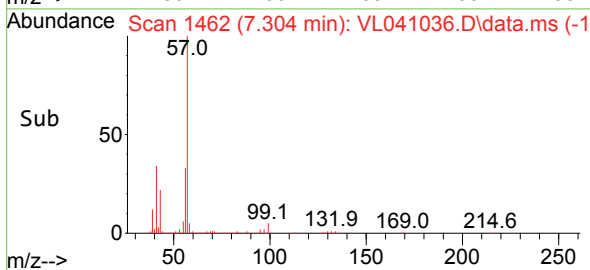
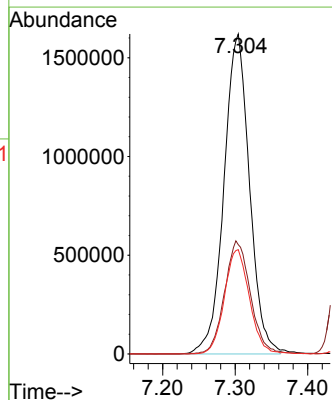
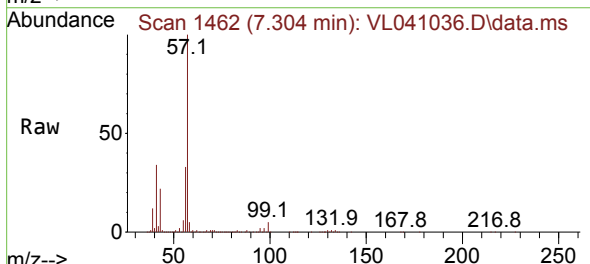
Instrument :
MSVOA_L
ClientSampleId :
VL0207ABS01

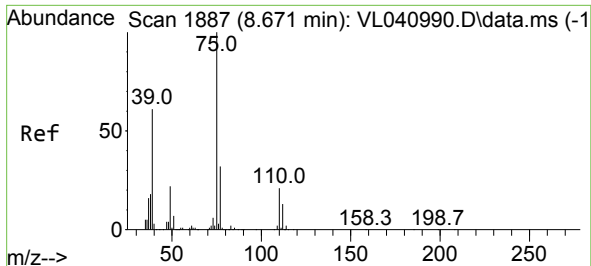
Tgt Ion: 69 Resp: 990739
Ion Ratio Lower Upper
69 100
41 150.5 120.2 180.2
100 30.7 24.6 36.8



#44
2,2,4-Trimethylpentane
Concen: 9.544 ppbv
RT: 7.304 min Scan# 1462
Delta R.T. 0.006 min
Lab File: VL041036.D
Acq: 7 Feb 2024 11:57

Tgt Ion: 57 Resp: 3962010
Ion Ratio Lower Upper
57 100
41 35.9 28.6 43.0
56 32.2 25.2 37.8

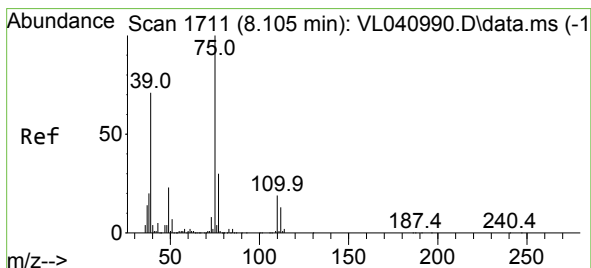
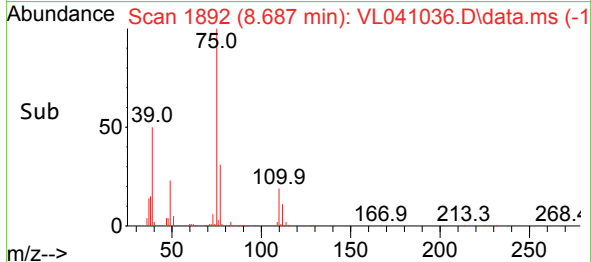
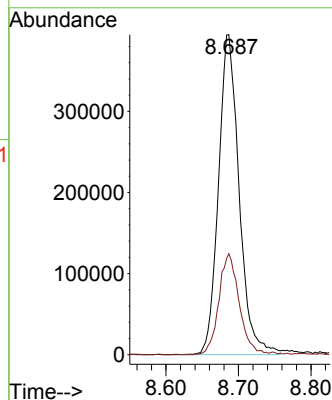
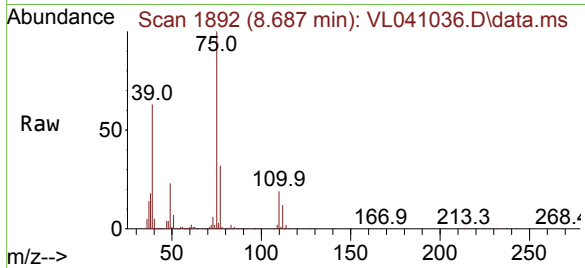




#45
t-1,3-Dichloropropene
Concen: 11.992 ppbv
RT: 8.687 min Scan# 1887
Delta R.T. 0.003 min
Lab File: VL041036.D
Acq: 7 Feb 2024 11:57

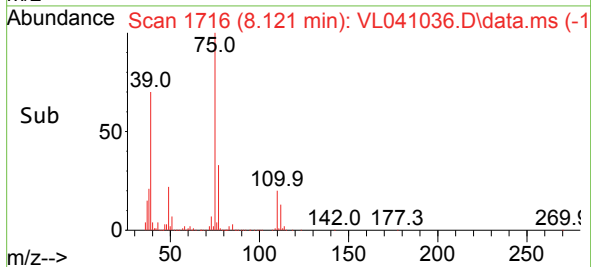
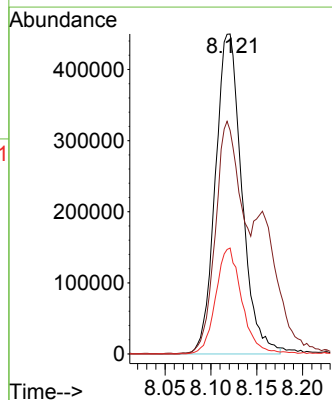
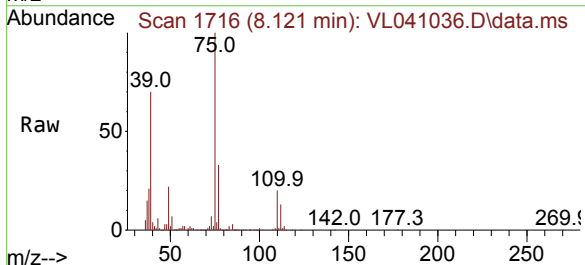
Instrument :
MSVOA_L
ClientSampleId :
VL0207ABS01

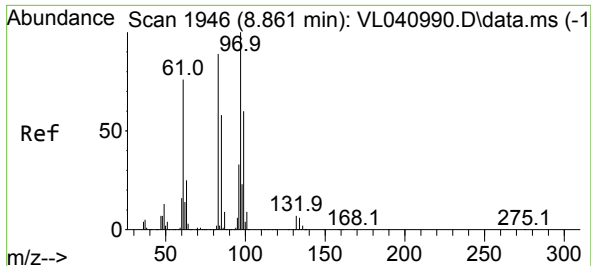
Tgt Ion: 75 Resp: 780020
Ion Ratio Lower Upper
75 100
77 31.5 25.3 37.9



#46
cis-1,3-Dichloropropene
Concen: 11.126 ppbv
RT: 8.121 min Scan# 1716
Delta R.T. 0.003 min
Lab File: VL041036.D
Acq: 7 Feb 2024 11:57

Tgt Ion: 75 Resp: 902550
Ion Ratio Lower Upper
75 100
39 69.6 57.3 85.9
77 33.0 24.3 36.5





#47

1,1,2-Trichloroethane

Concen: 9.864 ppbv

RT: 8.873 min Scan# 1946

Delta R.T. 0.003 min

Lab File: VL041036.D

Acq: 7 Feb 2024 11:57

Instrument :

MSVOA_L

ClientSampleId :

VL0207ABS01

Tgt Ion: 97 Resp: 1033315

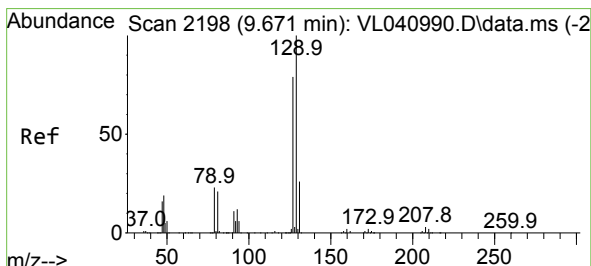
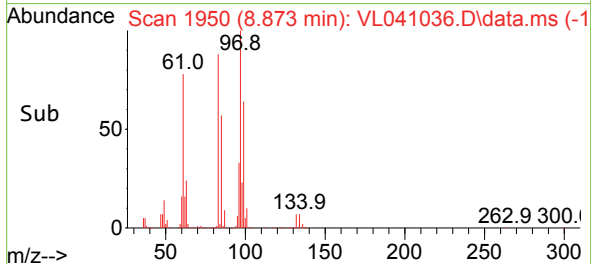
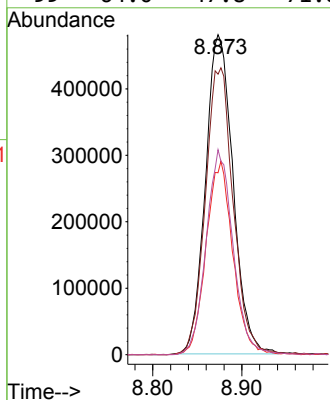
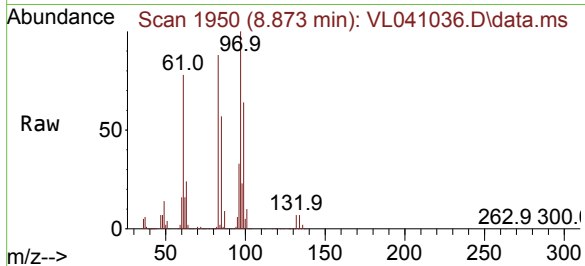
Ion Ratio Lower Upper

97 100

83 87.3 71.5 107.3

85 56.7 46.1 69.1

99 64.0 47.8 71.8



#48

Dibromochloromethane

Concen: 10.305 ppbv

RT: 9.683 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VL041036.D

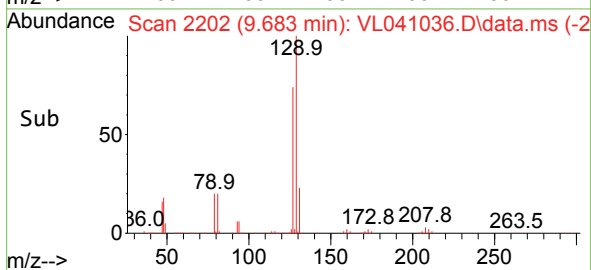
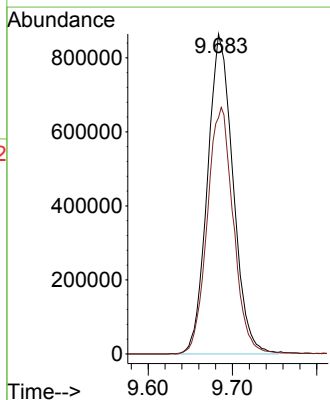
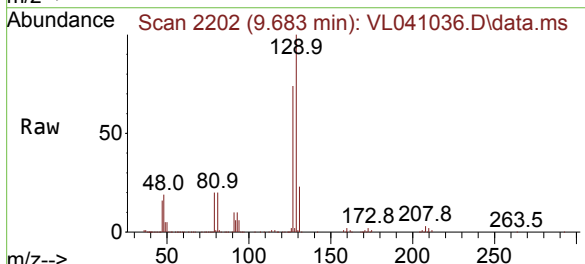
Acq: 7 Feb 2024 11:57

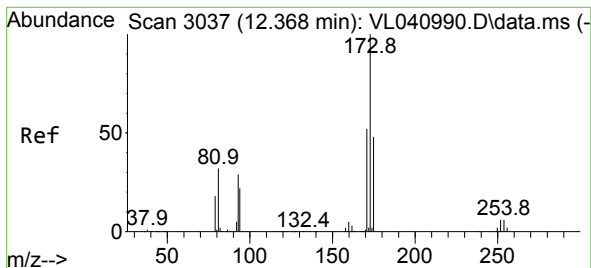
Tgt Ion: 129 Resp: 1825079

Ion Ratio Lower Upper

129 100

127 78.8 39.6 119.0





#49

Bromoform

Concen: 11.019 ppbv

RT: 12.381 min Scan# 3037

Delta R.T. 0.003 min

Lab File: VL041036.D

Acq: 7 Feb 2024 11:57

Instrument :

MSVOA_L

ClientSampleId :

VL0207ABS01

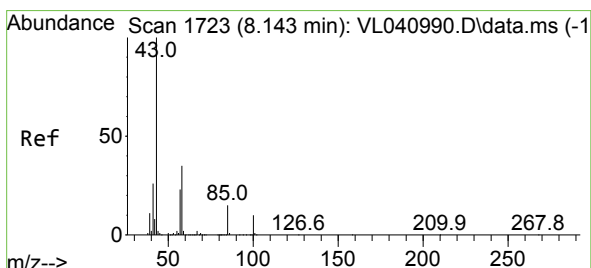
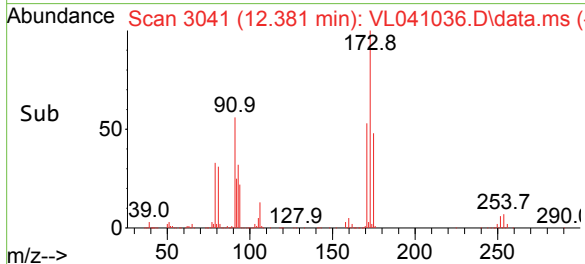
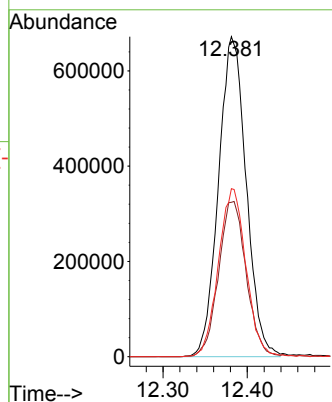
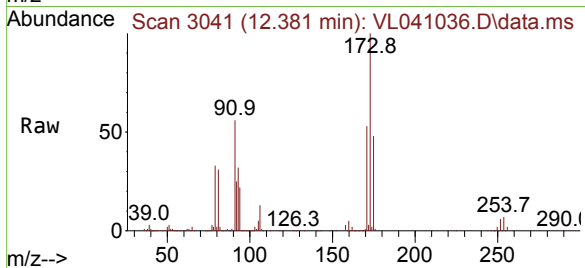
Tgt Ion:173 Resp: 1530766

Ion Ratio Lower Upper

173 100

175 48.9 39.0 58.4

171 52.4 42.0 63.0



#50

4-Methyl-2-Pentanone

Concen: 10.205 ppbv

RT: 8.159 min Scan# 1728

Delta R.T. 0.010 min

Lab File: VL041036.D

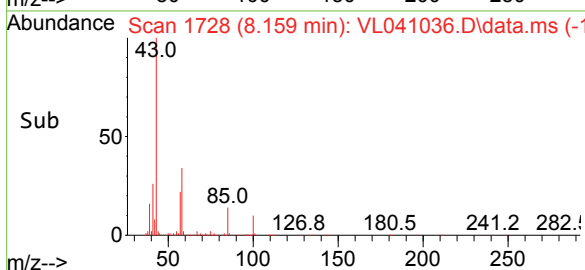
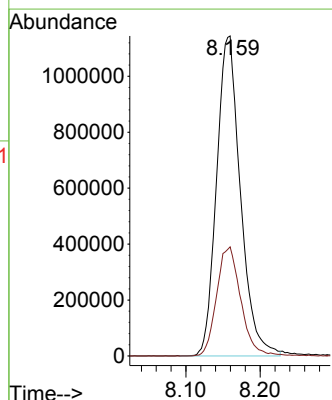
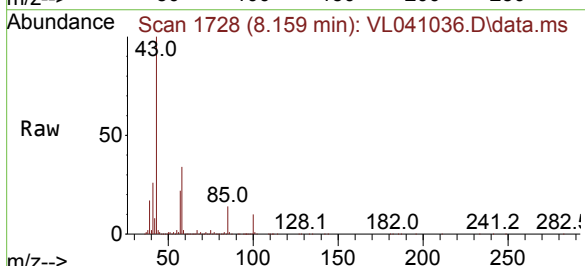
Acq: 7 Feb 2024 11:57

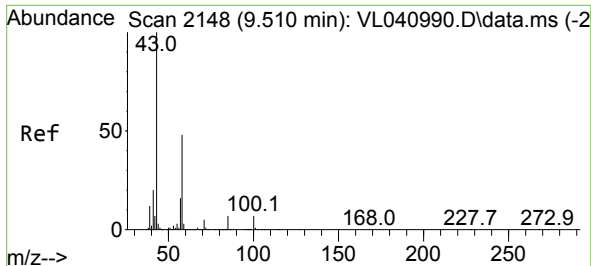
Tgt Ion: 43 Resp: 2557627

Ion Ratio Lower Upper

43 100

58 34.7 27.8 41.8

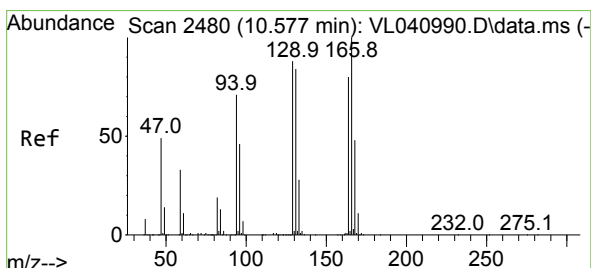
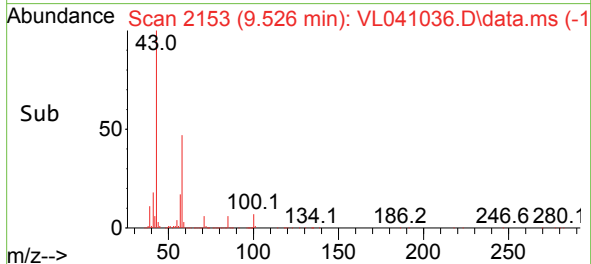
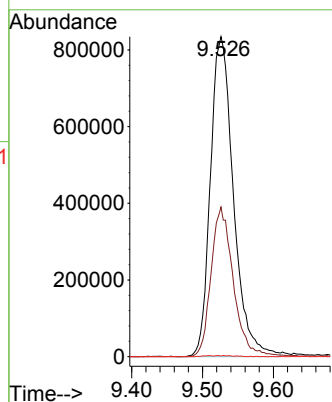
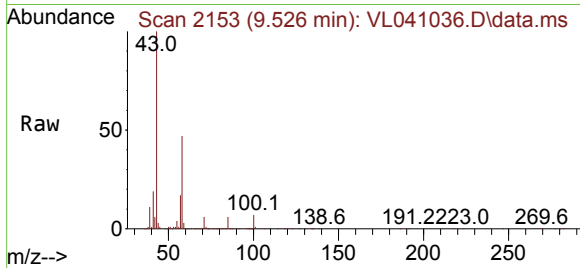




#51
2-Hexanone
Concen: 10.431 ppbv
RT: 9.526 min Scan# 2148
Delta R.T. 0.003 min
Lab File: VL041036.D
Acq: 7 Feb 2024 11:57

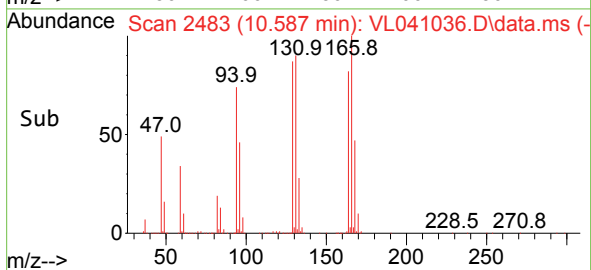
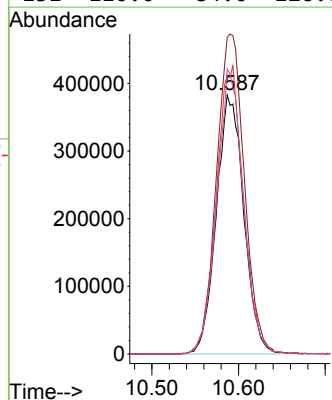
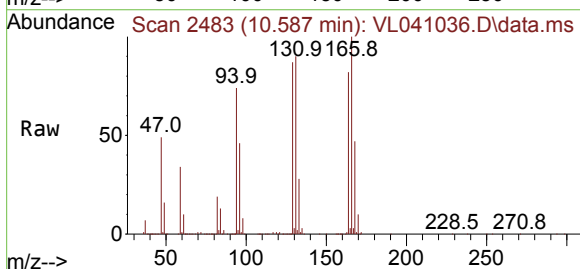
Instrument :
MSVOA_L
ClientSampleId :
VL0207ABS01

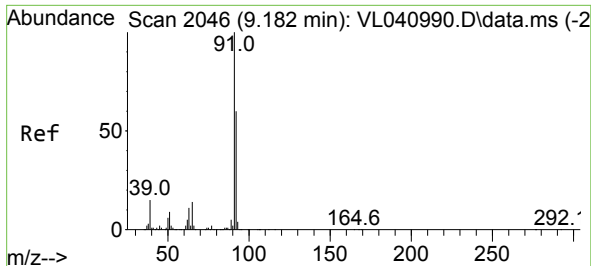
Tgt Ion: 43 Resp: 1884400
Ion Ratio Lower Upper
43 100
58 45.3 36.8 55.2
98 0.5 0.3 0.5#



#52
Tetrachloroethene
Concen: 10.247 ppbv
RT: 10.587 min Scan# 2483
Delta R.T. 0.003 min
Lab File: VL041036.D
Acq: 7 Feb 2024 11:57

Tgt Ion:164 Resp: 839498
Ion Ratio Lower Upper
164 100
166 122.3 100.2 150.2
129 106.9 87.9 131.9
131 110.0 84.0 126.0

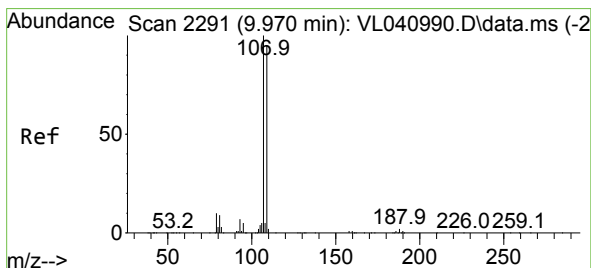
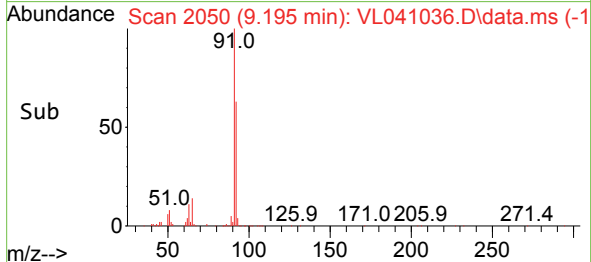
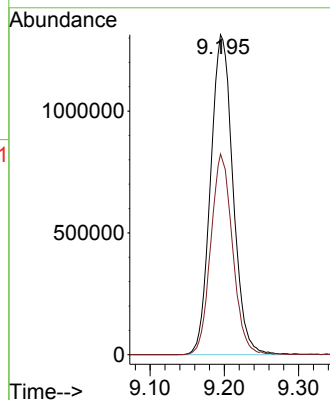
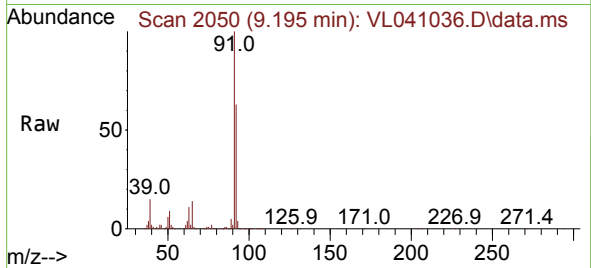




#53
Toluene
Concen: 10.170 ppbv
RT: 9.195 min Scan# 2046
Delta R.T. 0.000 min
Lab File: VL041036.D
Acq: 7 Feb 2024 11:57

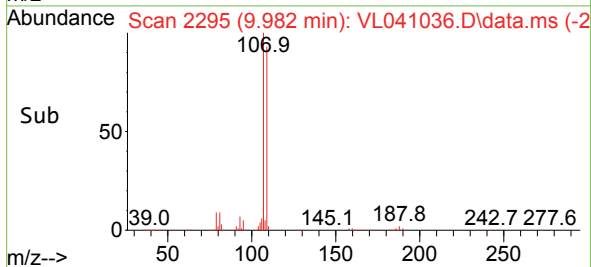
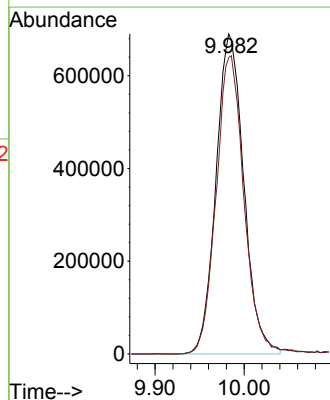
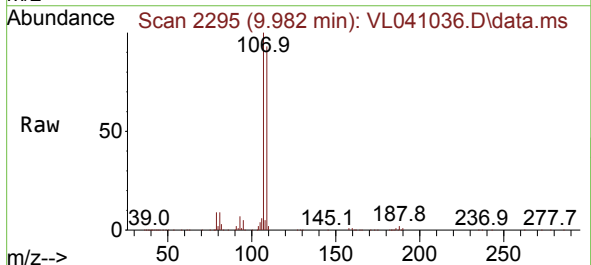
Instrument :
MSVOA_L
ClientSampleId :
VL0207ABS01

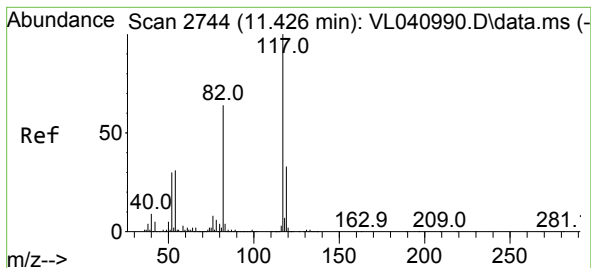
Tgt Ion: 91 Resp: 2748615
Ion Ratio Lower Upper
91 100
92 61.2 48.6 72.8



#54
1,2-Dibromoethane
Concen: 10.516 ppbv
RT: 9.982 min Scan# 2295
Delta R.T. 0.000 min
Lab File: VL041036.D
Acq: 7 Feb 2024 11:57

Tgt Ion: 107 Resp: 1491872
Ion Ratio Lower Upper
107 100
109 92.5 76.1 114.1

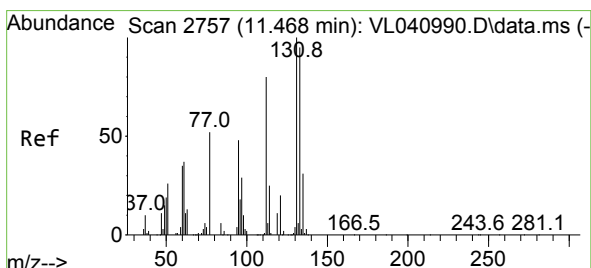
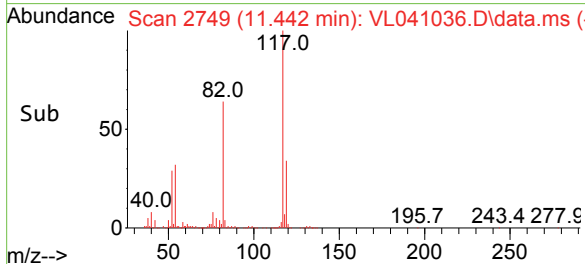
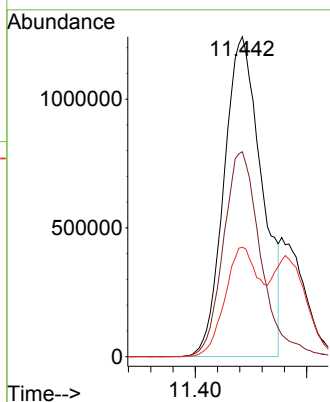
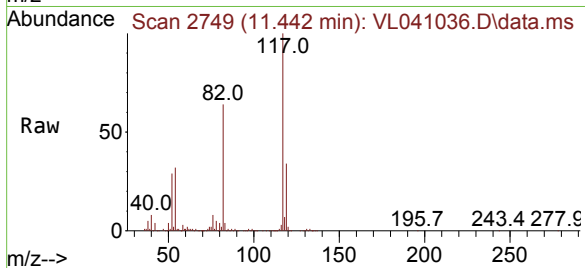




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.442 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL041036.D
Acq: 7 Feb 2024 11:57

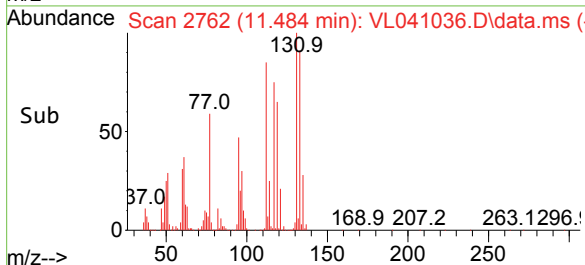
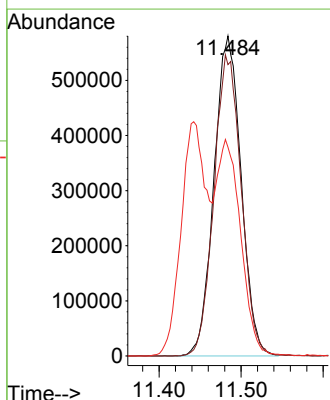
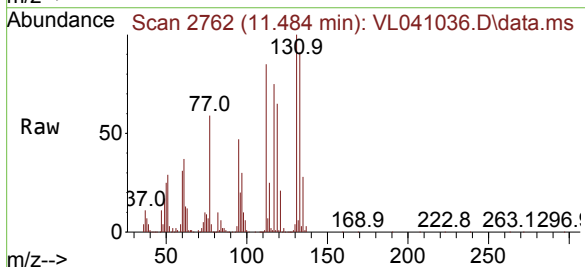
Instrument :
MSVOA_L
ClientSampleId :
VL0207ABS01

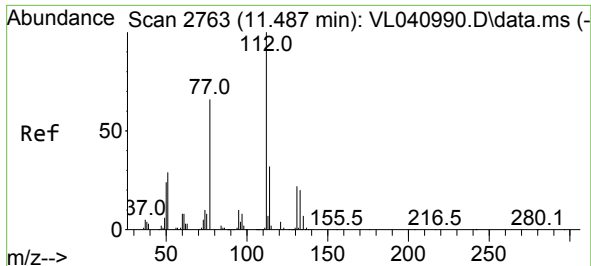
Tgt Ion:117 Resp: 2922716
Ion Ratio Lower Upper
117 100
82 64.0 51.7 77.5
119 32.3 23.8 35.6



#56
1,1,1,2-Tetrachloroethane
Concen: 9.506 ppbv
RT: 11.484 min Scan# 2762
Delta R.T. 0.003 min
Lab File: VL041036.D
Acq: 7 Feb 2024 11:57

Tgt Ion:131 Resp: 1333024
Ion Ratio Lower Upper
131 100
133 94.9 75.9 113.9
119 60.6 49.2 73.8

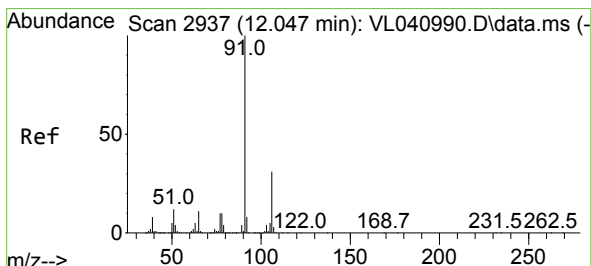
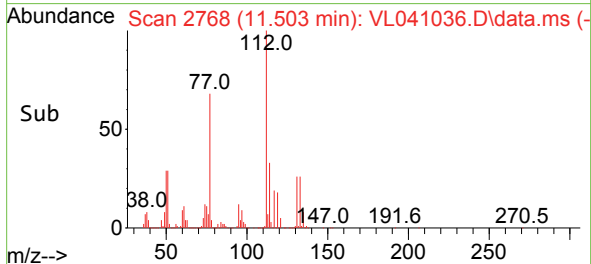
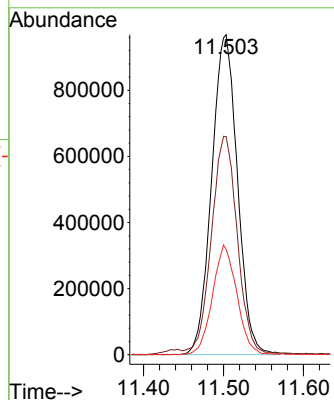
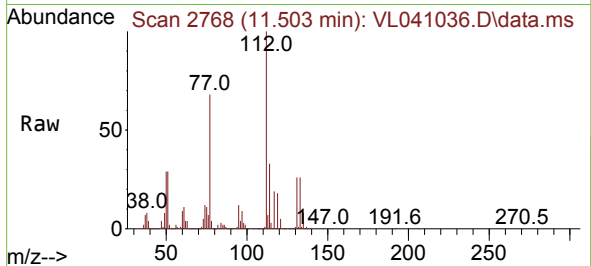




#57
Chlorobenzene
Concen: 9.229 ppbv
RT: 11.503 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL041036.D
Acq: 7 Feb 2024 11:57

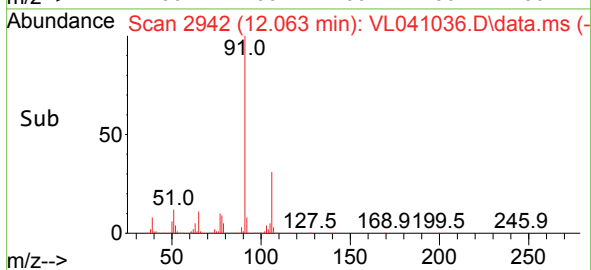
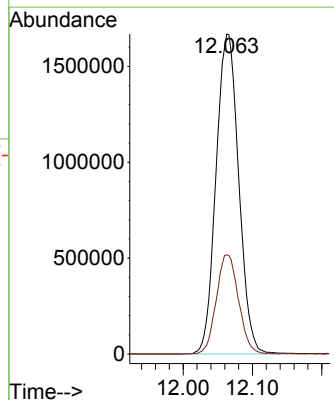
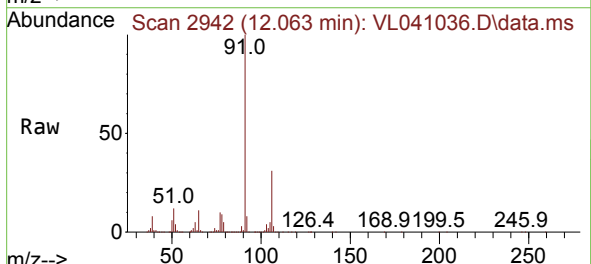
Instrument :
MSVOA_L
ClientSampleId :
VL0207ABS01

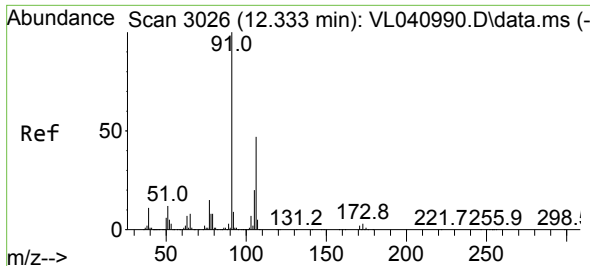
Tgt Ion:112 Resp: 2169721
Ion Ratio Lower Upper
112 100
77 67.7 53.4 80.0
114 32.8 29.1 35.5



#58
Ethyl Benzene
Concen: 9.666 ppbv
RT: 12.063 min Scan# 2942
Delta R.T. 0.003 min
Lab File: VL041036.D
Acq: 7 Feb 2024 11:57

Tgt Ion: 91 Resp: 3793639
Ion Ratio Lower Upper
91 100
106 31.0 24.8 37.2





#59

m/p-Xylene

Concen: 10.284 ppbv

RT: 12.349 min Scan# 3026

Delta R.T. 0.000 min

Lab File: VL041036.D

Acq: 7 Feb 2024 11:57

Instrument :

MSVOA_L

ClientSampleId :

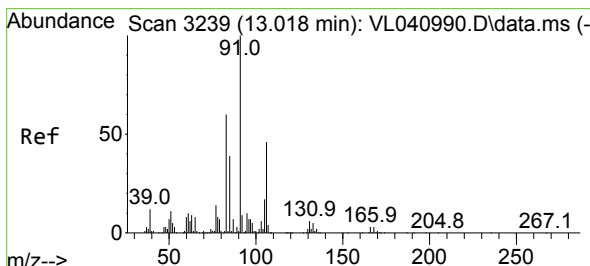
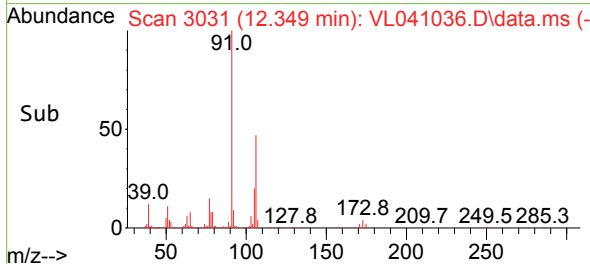
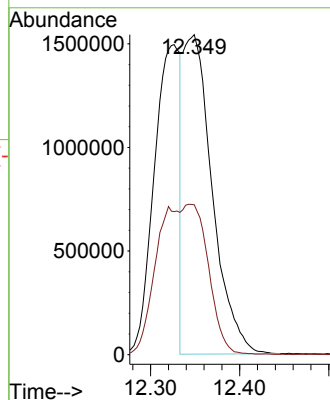
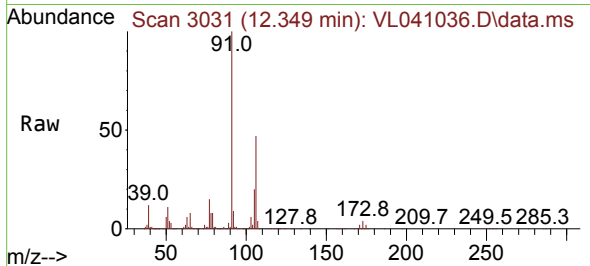
VL0207ABS01

Tgt Ion: 91 Resp: 3518992

Ion Ratio Lower Upper

91 100

106 81.7 34.9 52.3#



#60

o-Xylene

Concen: 9.597 ppbv

RT: 13.034 min Scan# 3244

Delta R.T. 0.003 min

Lab File: VL041036.D

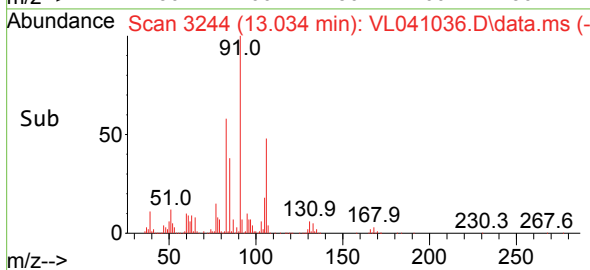
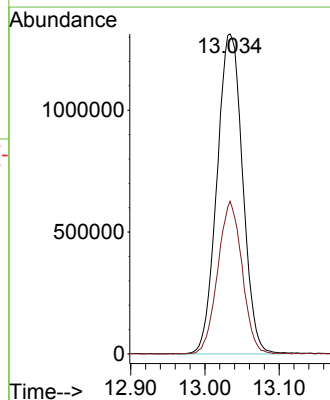
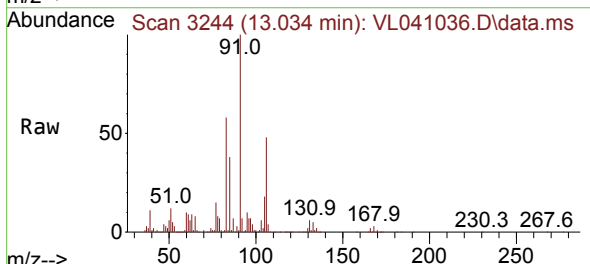
Acq: 7 Feb 2024 11:57

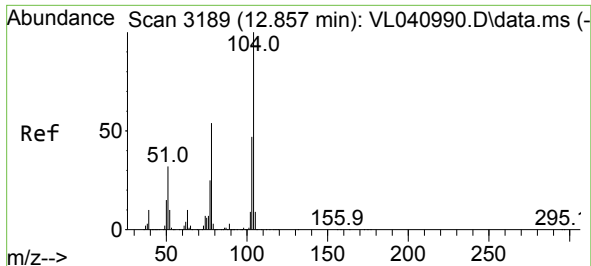
Tgt Ion: 91 Resp: 3150747

Ion Ratio Lower Upper

91 100

106 45.4 22.6 67.7

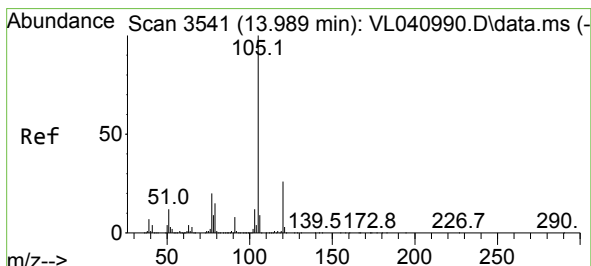
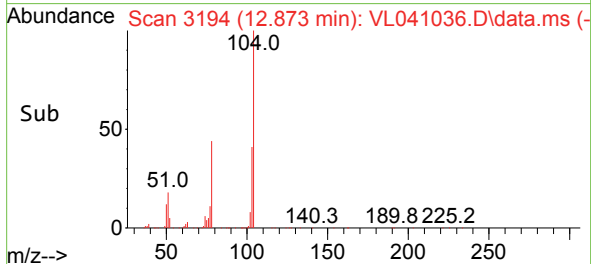
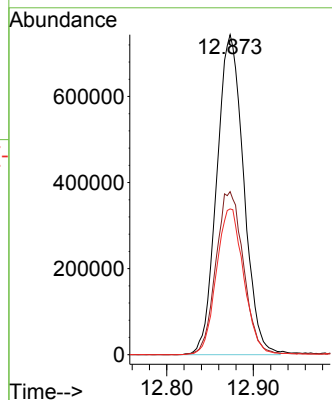
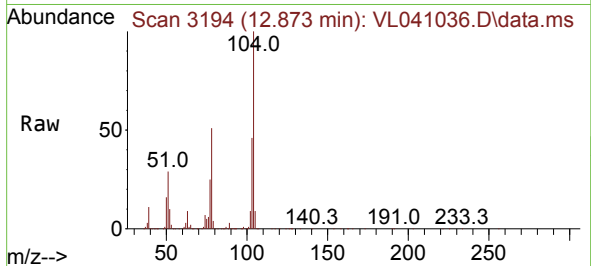




#61
Styrene
Concen: 10.634 ppbv
RT: 12.873 min Scan# 3189
Delta R.T. 0.003 min
Lab File: VL041036.D
Acq: 7 Feb 2024 11:57

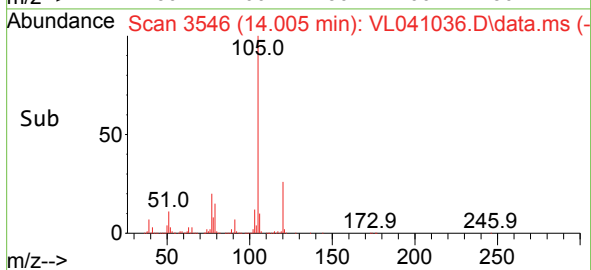
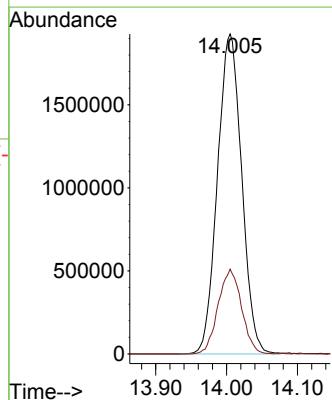
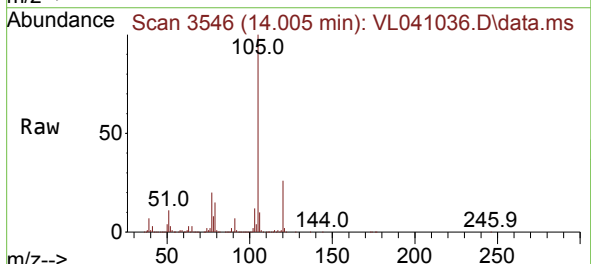
Instrument :
MSVOA_L
ClientSampleId :
VL0207ABS01

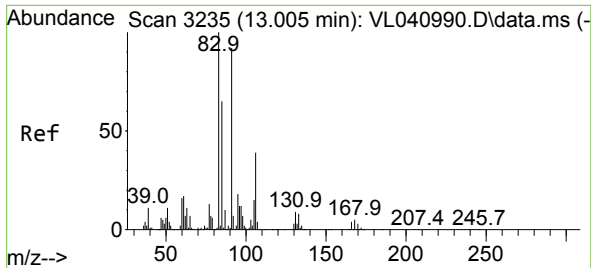
Tgt Ion:104 Resp: 1603127
Ion Ratio Lower Upper
104 100
78 52.8 42.7 64.1
103 46.6 37.6 56.4



#62
Isopropylbenzene
Concen: 9.416 ppbv
RT: 14.005 min Scan# 3546
Delta R.T. 0.003 min
Lab File: VL041036.D
Acq: 7 Feb 2024 11:57

Tgt Ion:105 Resp: 4571636
Ion Ratio Lower Upper
105 100
120 25.8 20.9 31.3

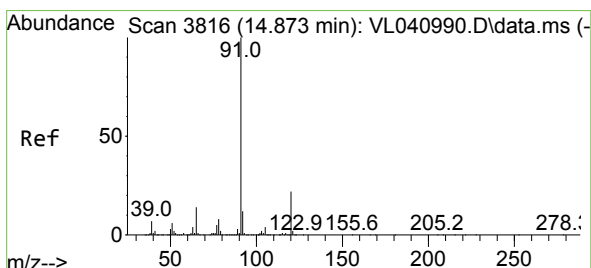
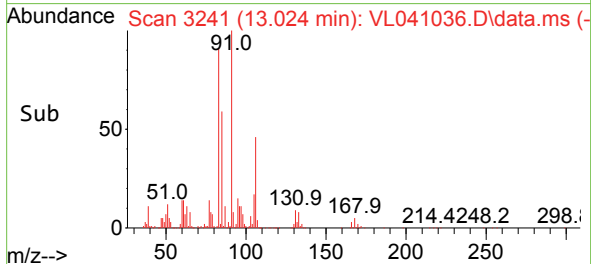
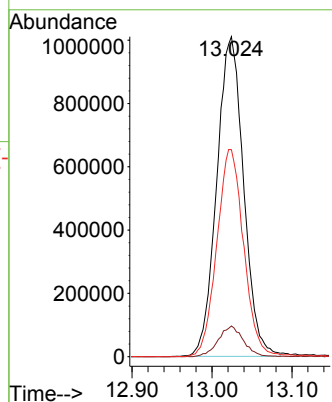
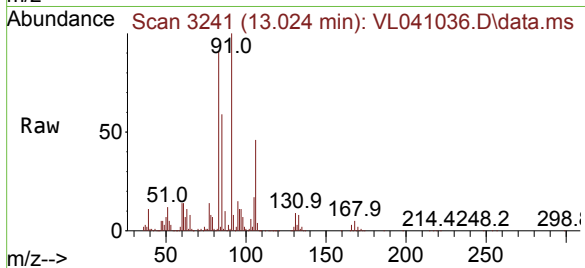




#63
1,1,2,2-Tetrachloroethane
Concen: 9.228 ppbv
RT: 13.024 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL041036.D
Acq: 7 Feb 2024 11:57

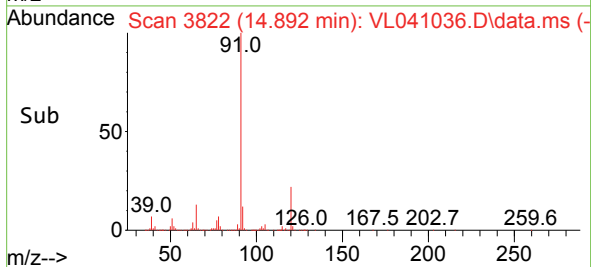
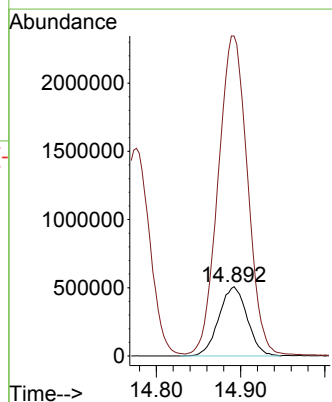
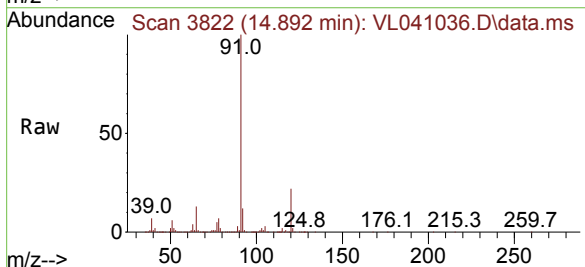
Instrument :
MSVOA_L
ClientSampleId :
VL0207ABS01

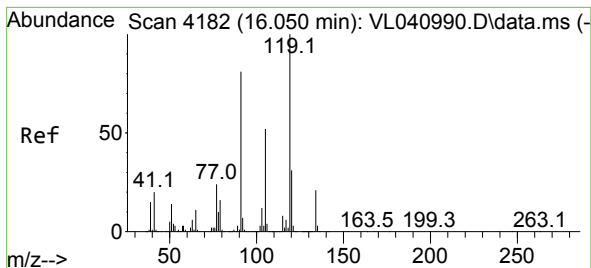
Tgt Ion: 83 Resp: 2354709
Ion Ratio Lower Upper
83 100
131 9.0 4.6 13.8
85 65.1 33.0 99.0



#64
n-propylbenzene
Concen: 9.614 ppbv
RT: 14.892 min Scan# 3822
Delta R.T. 0.006 min
Lab File: VL041036.D
Acq: 7 Feb 2024 11:57

Tgt Ion:120 Resp: 1179373
Ion Ratio Lower Upper
120 100
91 484.5 390.6 585.8

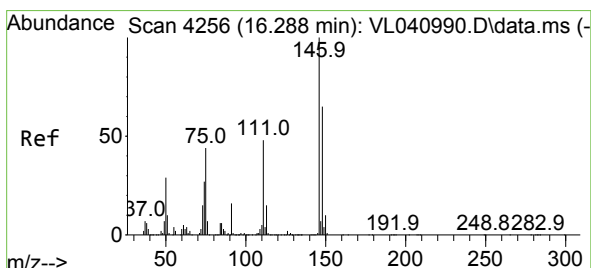
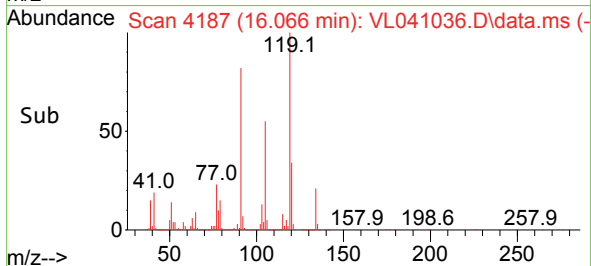
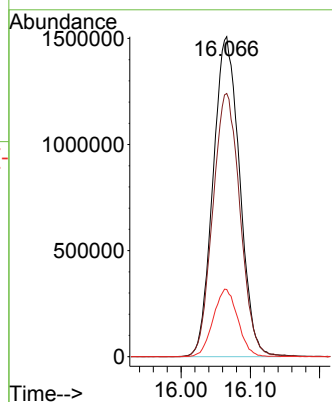
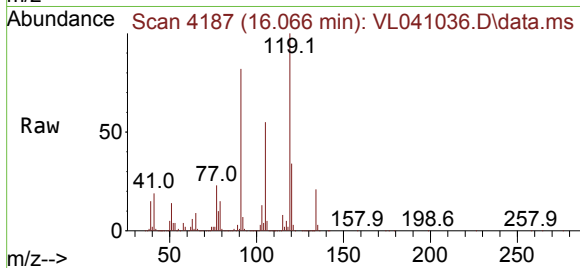




#65
tert-Butylbenzene
Concen: 9.473 ppbv
RT: 16.066 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL041036.D
Acq: 7 Feb 2024 11:57

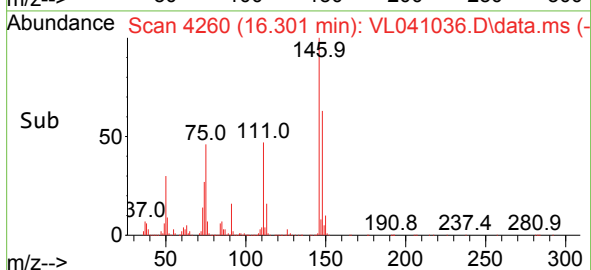
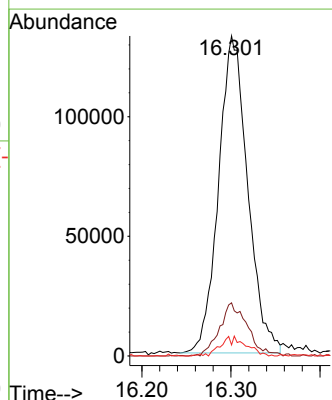
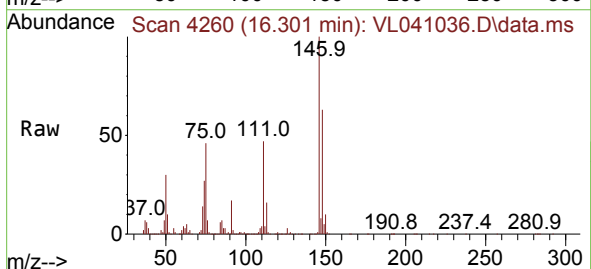
Instrument :
MSVOA_L
ClientSampleId :
VL0207ABS01

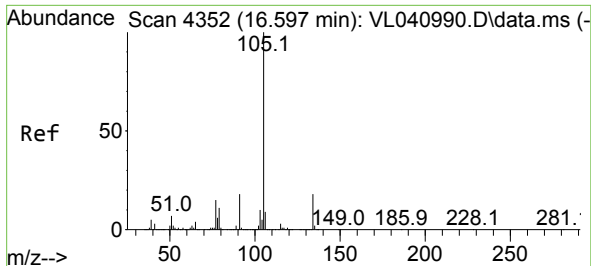
Tgt Ion:119 Resp: 4018728
Ion Ratio Lower Upper
119 100
91 84.5 67.6 101.4
134 19.7 16.1 24.1



#66
Benzyl Chloride
Concen: 10.848 ppbv
RT: 16.301 min Scan# 4260
Delta R.T. 0.000 min
Lab File: VL041036.D
Acq: 7 Feb 2024 11:57

Tgt Ion: 91 Resp: 301553
Ion Ratio Lower Upper
91 100
126 16.2 13.6 20.4
128 5.5 4.2 6.2

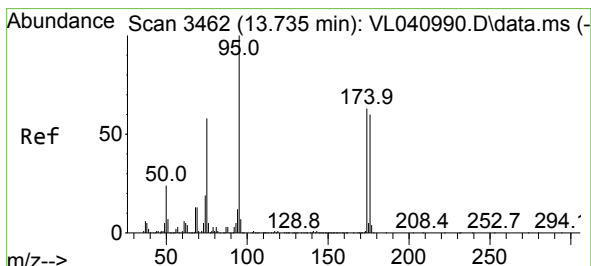
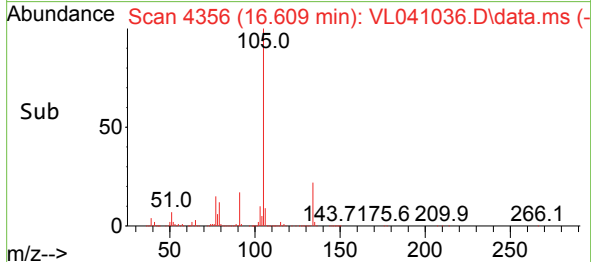
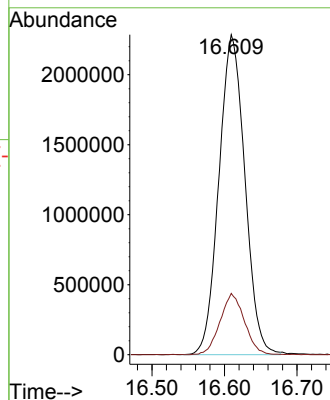
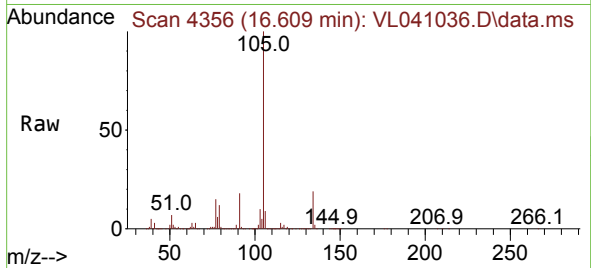




#67
 sec-Butylbenzene
 Concen: 9.194 ppbv
 RT: 16.609 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL041036.D
 Acq: 7 Feb 2024 11:57

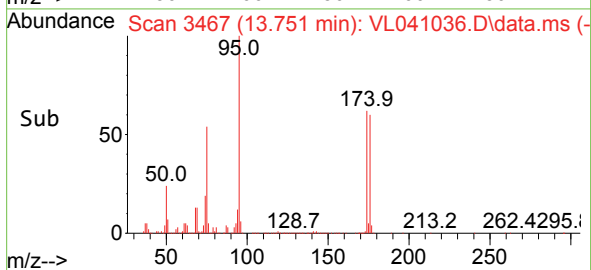
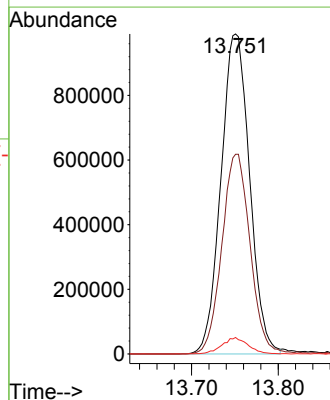
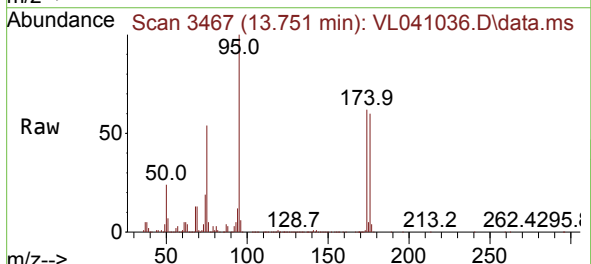
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0207ABS01

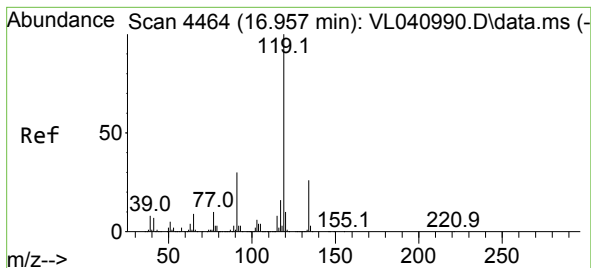
Tgt Ion:105 Resp: 5679391
 Ion Ratio Lower Upper
 105 100
 134 18.1 14.2 21.4



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.317 ppbv
 RT: 13.751 min Scan# 3467
 Delta R.T. 0.003 min
 Lab File: VL041036.D
 Acq: 7 Feb 2024 11:57

Tgt Ion: 95 Resp: 2277574
 Ion Ratio Lower Upper
 95 100
 174 62.0 49.1 73.7
 175 4.7 3.7 5.5





#69

p-Isopropyltoluene

Concen: 9.575 ppbv

RT: 16.969 min Scan# 4464

Delta R.T. 0.003 min

Lab File: VL041036.D

Acq: 7 Feb 2024 11:57

Instrument :

MSVOA_L

ClientSampleId :

VL0207ABS01

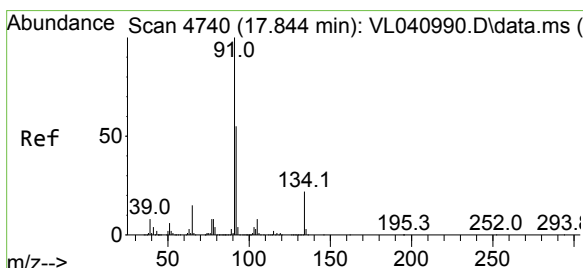
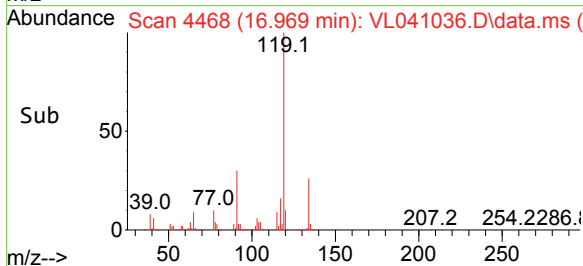
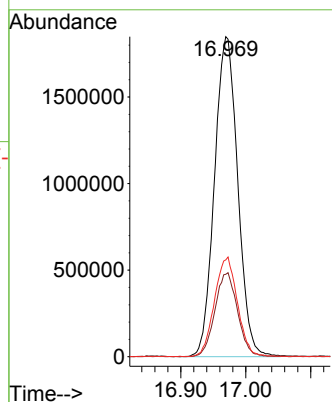
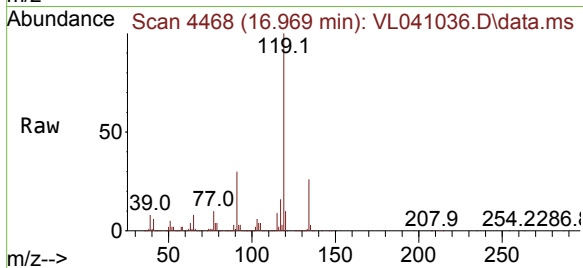
Tgt Ion:119 Resp: 4581331

Ion Ratio Lower Upper

119 100

134 25.7 20.6 30.8

91 30.8 24.5 36.7



#70

n-Butylbenzene

Concen: 9.513 ppbv

RT: 17.860 min Scan# 4745

Delta R.T. 0.000 min

Lab File: VL041036.D

Acq: 7 Feb 2024 11:57

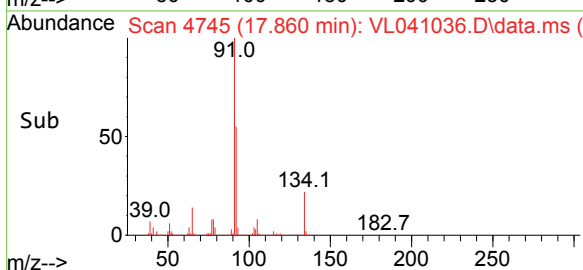
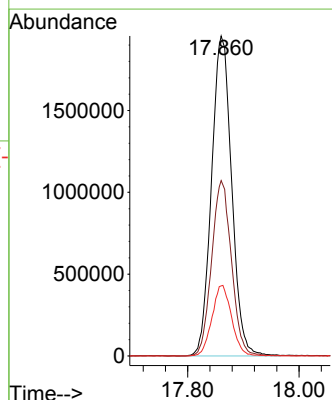
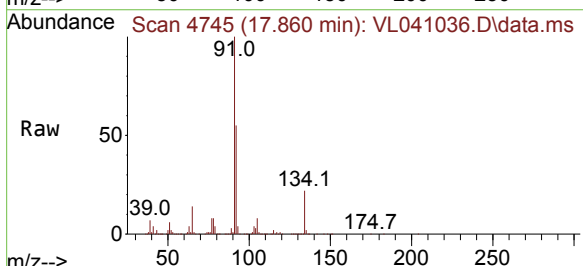
Tgt Ion: 91 Resp: 4918429

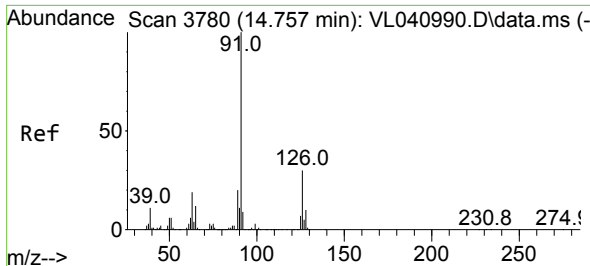
Ion Ratio Lower Upper

91 100

92 54.0 43.4 65.0

134 21.6 17.4 26.0

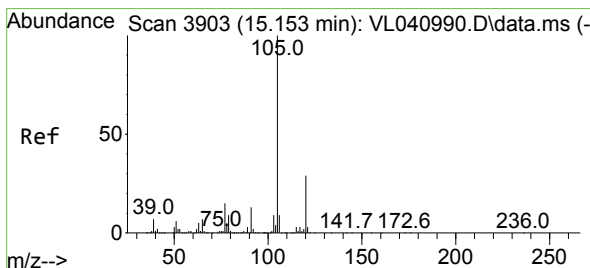
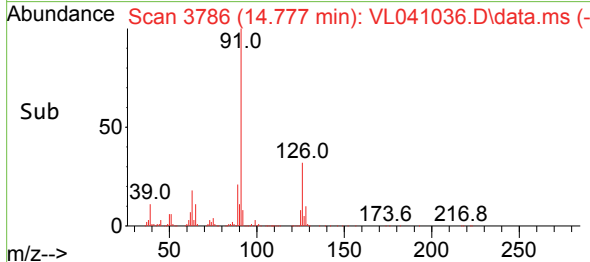
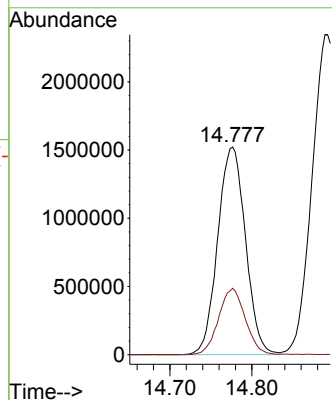
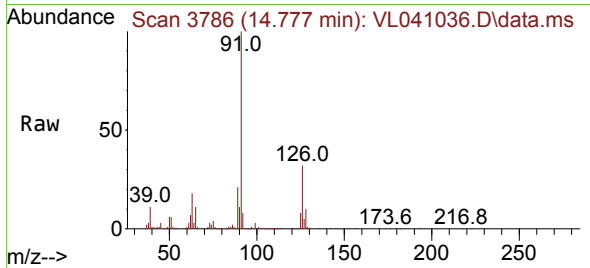




#71
2-Chlorotoluene
Concen: 9.572 ppbv
RT: 14.777 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL041036.D
Acq: 7 Feb 2024 11:57

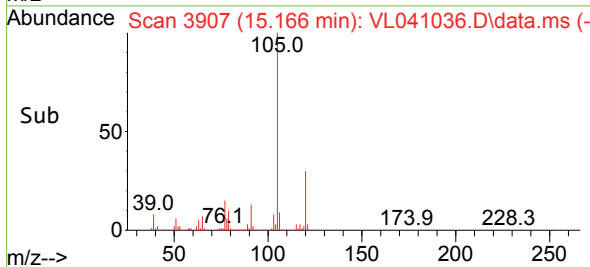
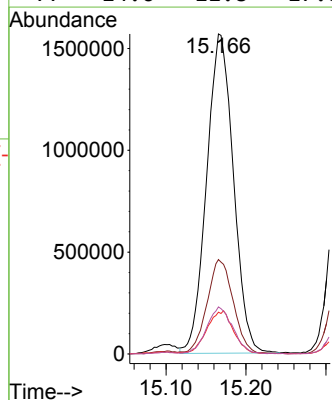
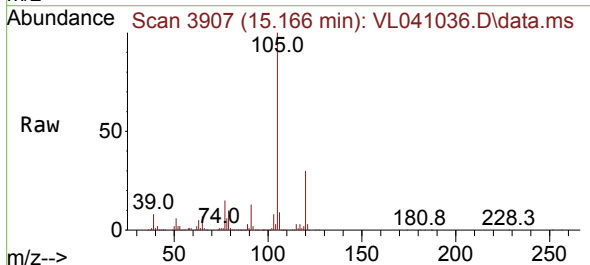
Instrument :
MSVOA_L
ClientSampleId :
VL0207ABS01

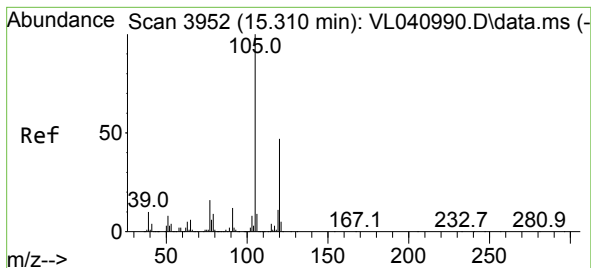
Tgt Ion: 91 Resp: 3585890
Ion Ratio Lower Upper
91 100
126 30.8 12.3 49.1



#72
4-Ethyltoluene
Concen: 9.961 ppbv
RT: 15.166 min Scan# 3907
Delta R.T. 0.000 min
Lab File: VL041036.D
Acq: 7 Feb 2024 11:57

Tgt Ion:105 Resp: 3652397
Ion Ratio Lower Upper
105 100
120 29.2 24.3 36.5
91 13.4 11.0 16.4
77 14.6 11.8 17.8





#73

1,3,5-Trimethylbenzene

Concen: 9.639 ppbv

RT: 15.330 min Scan# 3952

Delta R.T. 0.006 min

Lab File: VL041036.D

Acq: 7 Feb 2024 11:57

Instrument :

MSVOA_L

ClientSampleId :

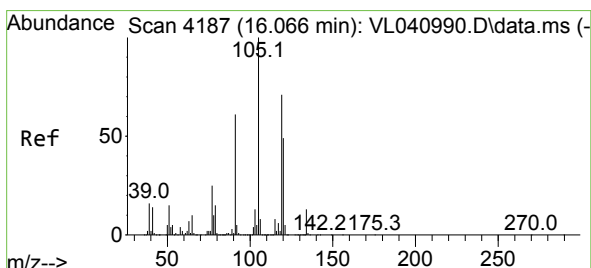
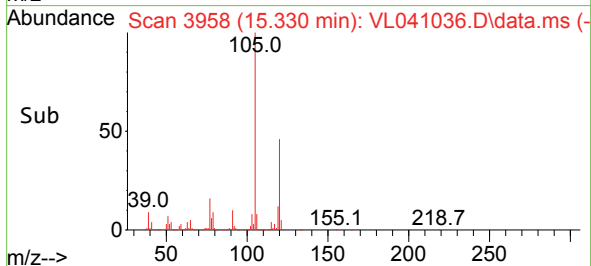
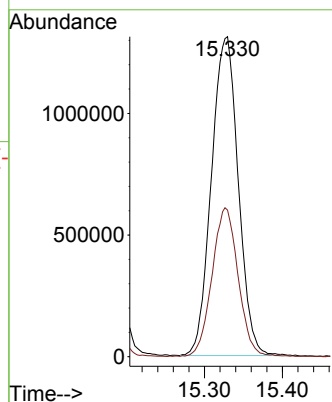
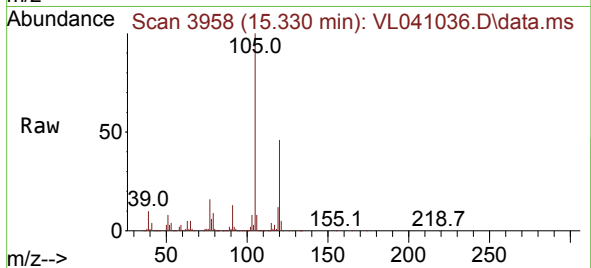
VL0207ABS01

Tgt Ion:105 Resp: 3136805

Ion Ratio Lower Upper

105 100

120 45.8 37.2 55.8



#74

1,2,4-Trimethylbenzene

Concen: 9.383 ppbv

RT: 16.085 min Scan# 4193

Delta R.T. 0.003 min

Lab File: VL041036.D

Acq: 7 Feb 2024 11:57

Tgt Ion:105 Resp: 3461461

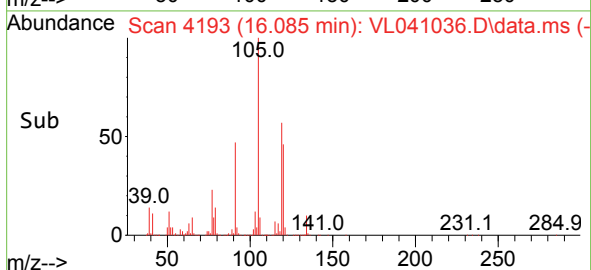
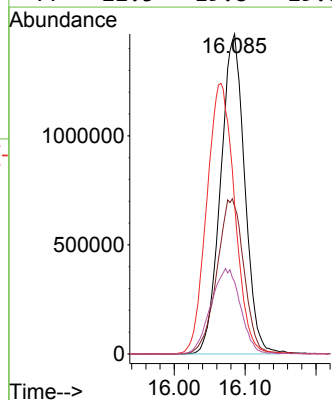
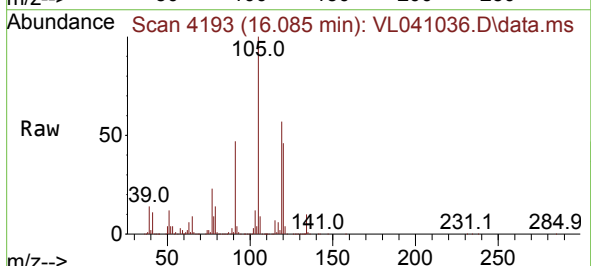
Ion Ratio Lower Upper

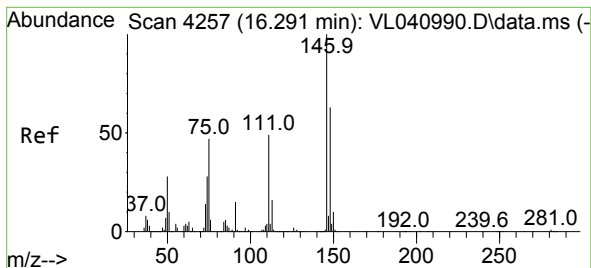
105 100

120 45.9 39.3 58.9

91 46.6 48.7 73.1#

77 22.5 19.8 29.8





#75

1,3-Dichlorobenzene

Concen: 9.520 ppbv

RT: 16.304 min Scan# 4306

Delta R.T. 0.000 min

Lab File: VL041036.D

Acq: 7 Feb 2024 11:57

Instrument :

MSVOA_L

ClientSampleId :

VL0207ABS01

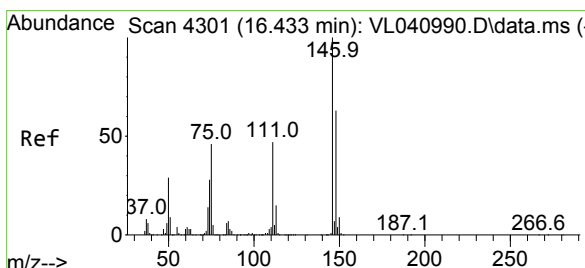
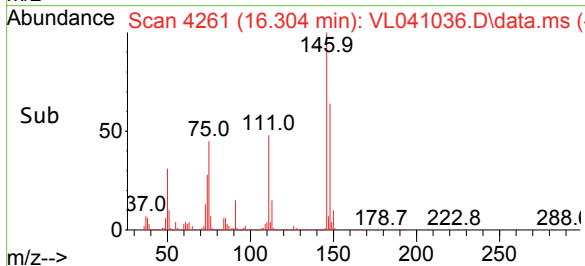
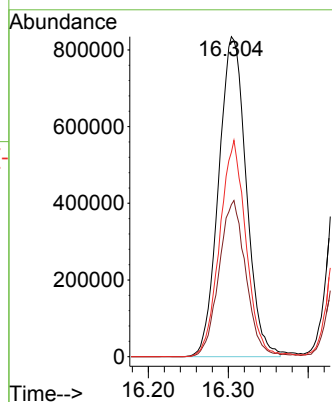
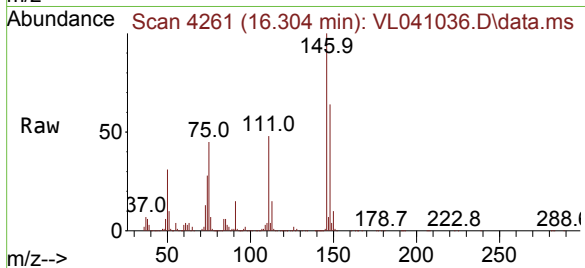
Tgt Ion:146 Resp: 1998641

Ion Ratio Lower Upper

146 100

111 47.8 24.4 73.2

148 64.8 32.5 97.4



#76

1,4-Dichlorobenzene

Concen: 9.410 ppbv

RT: 16.448 min Scan# 4306

Delta R.T. 0.003 min

Lab File: VL041036.D

Acq: 7 Feb 2024 11:57

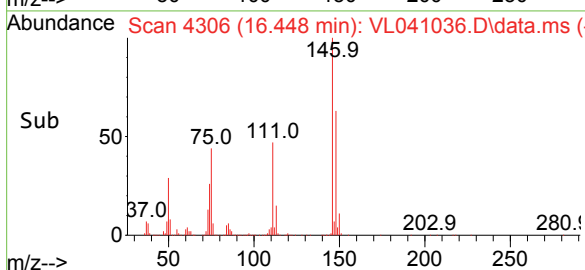
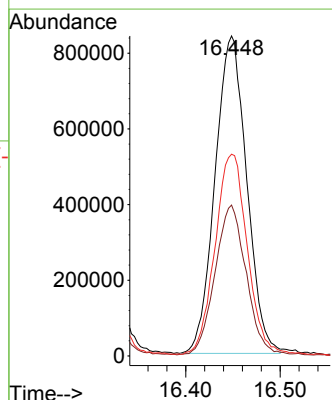
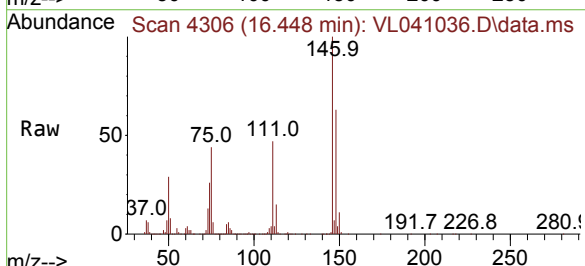
Tgt Ion:146 Resp: 1949469

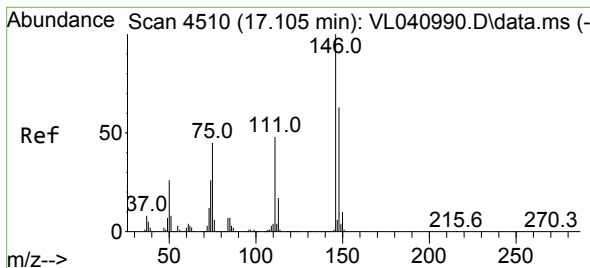
Ion Ratio Lower Upper

146 100

111 47.9 24.0 72.0

148 65.9 32.9 98.7





#77

1,2-Dichlorobenzene

Concen: 9.358 ppbv

RT: 17.117 min Scan# 4514

Delta R.T. 0.000 min

Lab File: VL041036.D

Acq: 7 Feb 2024 11:57

Instrument :

MSVOA_L

ClientSampleId :

VL0207ABS01

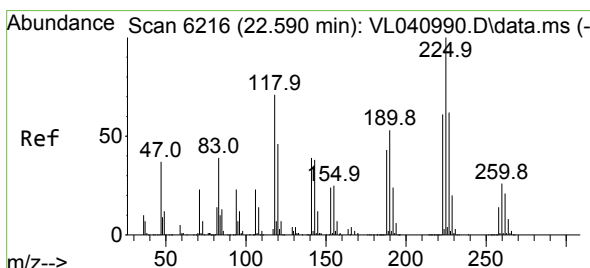
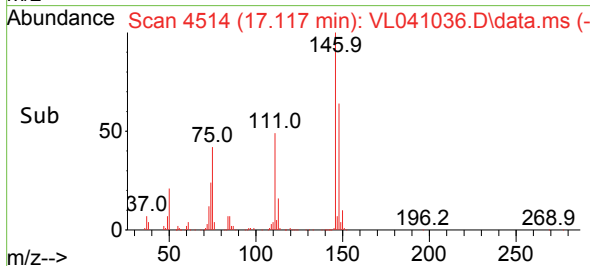
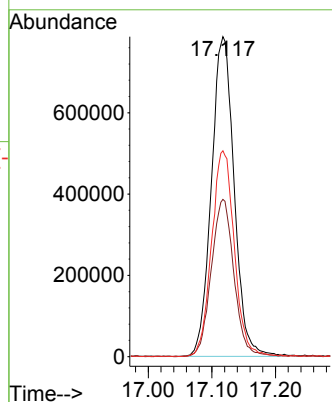
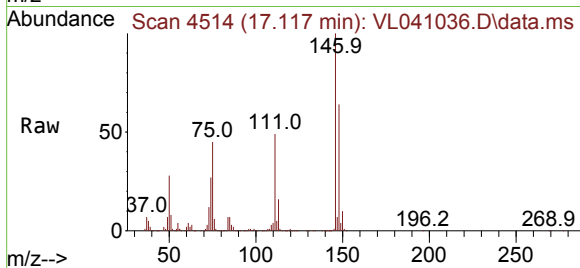
Tgt Ion:146 Resp: 1952821

Ion Ratio Lower Upper

146 100

111 49.4 24.8 74.3

148 64.5 31.8 95.3



#78

Hexachloro-1,3-Butadiene

Concen: 8.236 ppbv

RT: 22.603 min Scan# 6220

Delta R.T. 0.000 min

Lab File: VL041036.D

Acq: 7 Feb 2024 11:57

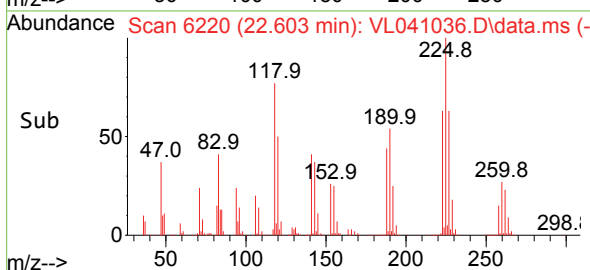
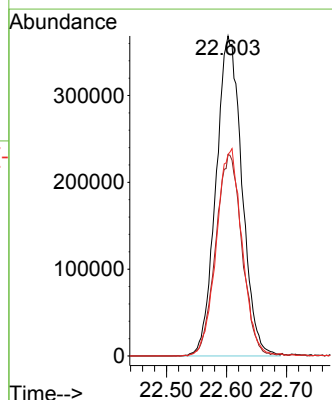
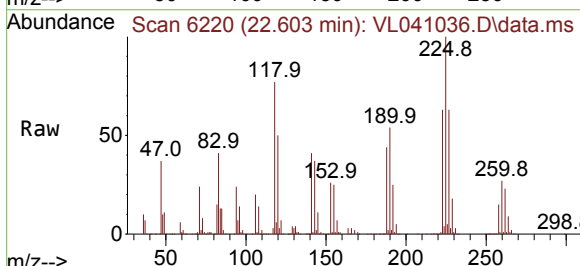
Tgt Ion:225 Resp: 1108287

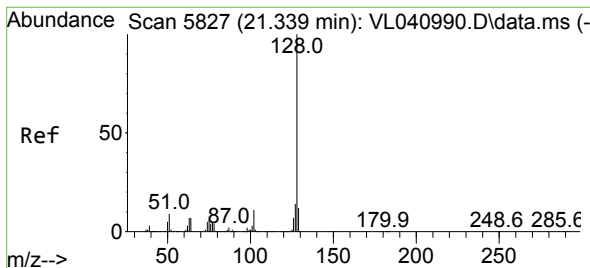
Ion Ratio Lower Upper

225 100

223 64.0 51.1 76.7

227 64.5 51.0 76.4





#79

Naphthalene

Concen: 11.803 ppbv

RT: 21.355 min Scan# 5832

Delta R.T. 0.000 min

Lab File: VL041036.D

Acq: 7 Feb 2024 11:57

Instrument :

MSVOA_L

ClientSampleId :

VL0207ABS01

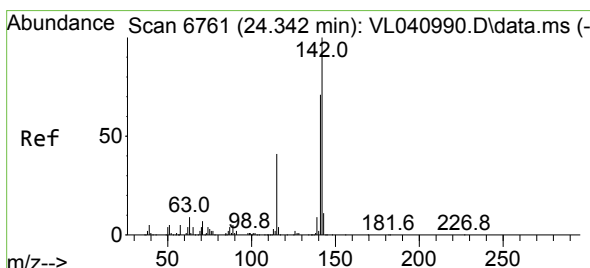
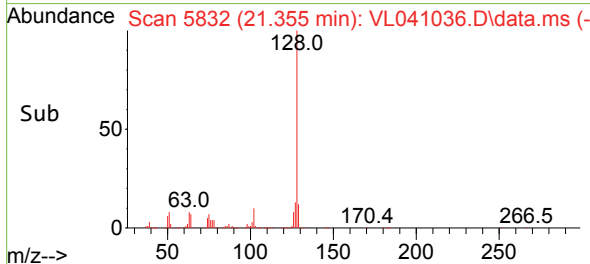
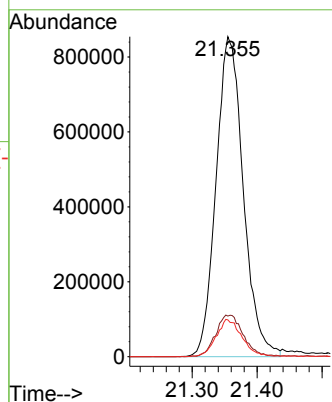
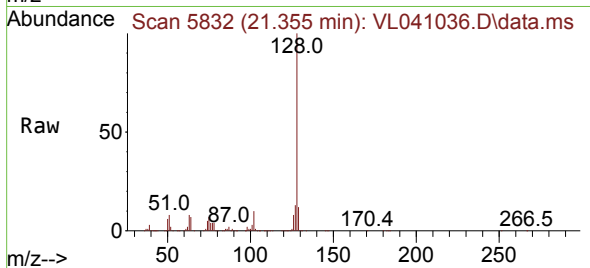
Tgt Ion:128 Resp: 2483840

Ion Ratio Lower Upper

128 100

127 12.7 10.9 16.3

129 11.5 9.3 13.9



#80

Naphthalene,2-methyl-

Concen: 12.564 ppbv

RT: 24.352 min Scan# 6764

Delta R.T. 0.000 min

Lab File: VL041036.D

Acq: 7 Feb 2024 11:57

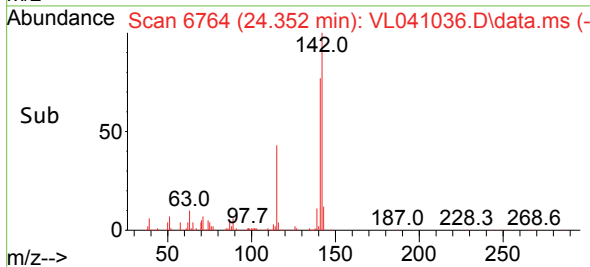
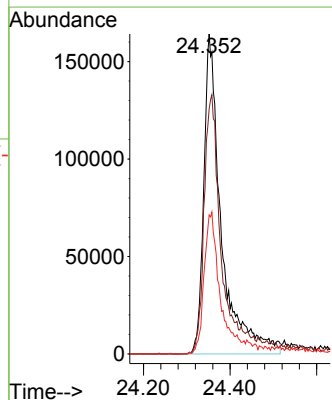
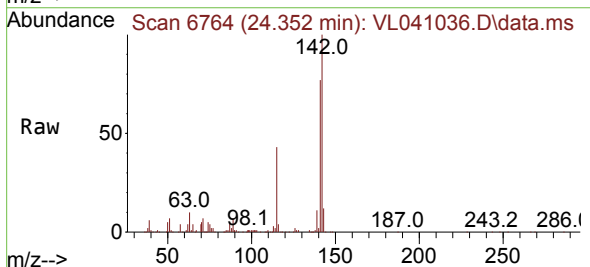
Tgt Ion:142 Resp: 464376

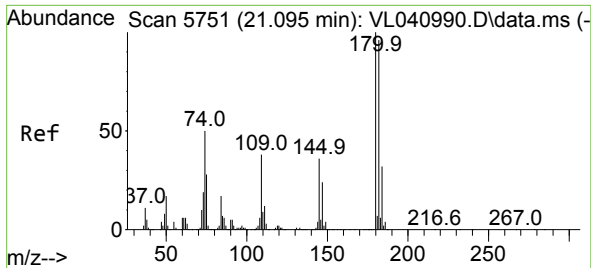
Ion Ratio Lower Upper

142 100

141 83.3 62.7 94.1

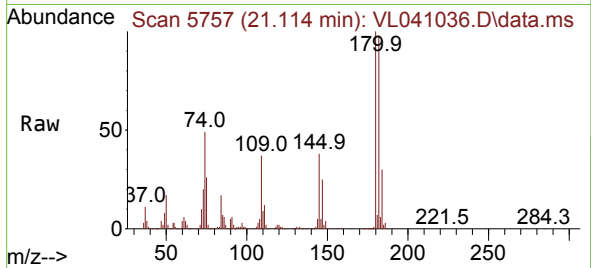
115 42.8 34.0 51.0





#81
 1,2,4-Trichlorobenzene
 Concen: 9.934 ppbv
 RT: 21.114 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VL041036.D
 Acq: 7 Feb 2024 11:57

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0207ABS01



Tgt Ion:180 Resp: 1219730

Ion	Ratio	Lower	Upper
180	100		
182	98.0	78.6	118.0
184	31.1	24.4	36.6

