

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012524\
 Data File : VL041026.D
 Acq On : 25 Jan 2024 12:14
 Operator : SY/MD
 Sample : VL0125ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jan 26 00:25:59 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 : Fri Jan 26 00:23:09 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.179	49	1184355	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.642	114	2990972	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.455	117	2660623	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.764 95 2132642 10.612 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 106.100%

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	2.719	85	2443255	9.340	ppbv	97
3) Chlorodifluoromethane	2.665	51	1896304	9.520	ppbv	99
4) Chloromethane	2.800	50	724572	9.704	ppbv	99
5) Vinyl Chloride	2.909	62	746710	10.200	ppbv	99
6) Bromomethane	3.108	94	316970	9.944	ppbv	97
7) Chloroethane	3.185	64	265003	10.053	ppbv	100
8) Dichlorotetrafluoroethane	2.845	85	1817144	9.299	ppbv	98
9) Propene	2.684	41	665884	10.191	ppbv	94
10) Heptane	7.568	43	1593786	9.911	ppbv	100
11) Trichlorofluoromethane	3.549	101	1956334	9.281	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.054	101	1401950	9.177	ppbv	99
13) Ethanol	3.227	45	130705	8.393	ppbv	97
14) Bromoethene	3.353	108	577474	9.846	ppbv	98
15) Acetone	3.455	43	1344358	8.876	ppbv	99
16) 1,3-Butadiene	2.973	39	700214	9.664	ppbv	98
17) tert-Butyl alcohol	3.867	59	1292467	10.404	ppbv	98
18) 1,1-Dichloroethene	3.867	96	618206	9.452	ppbv	98
19) Isopropyl Alcohol	3.565	45	874971	9.980	ppbv #	97
20) Methylene Chloride	3.922	84	513964	8.819	ppbv	93
21) Allyl Chloride	3.986	41	900636	9.787	ppbv	99
22) trans-1,2-Dichloroethene	4.433	96	649409	9.643	ppbv	100
23) Vinyl Acetate	4.616	43	1578097	10.108	ppbv	98
24) 1,1-Dichloroethane	4.549	63	1313312	9.483	ppbv	100
25) Ethyl Acetate	5.192	43	2745636	9.998	ppbv	99
26) Hexane	5.201	57	1170201	9.997	ppbv	99
27) Carbon Disulfide	4.111	76	1586977	10.418	ppbv	99
28) Methyl tert-Butyl Ether	4.578	73	934926	9.623	ppbv	99
29) Chloroform	5.263	83	1975092	9.513	ppbv	98
30) Cyclohexane	6.590	84	971888	9.909	ppbv	99
31) cis-1,2-Dichloroethene	5.066	61	1197887	10.903	ppbv	92
32) 1,1,1-Trichloroethane	5.992	97	1991293	10.035	ppbv	99
34) 2-Butanone	4.774	43	1455980	10.218	ppbv	99
35) Carbon Tetrachloride	6.481	117	2088953	10.473	ppbv	98
36) Benzene	6.359	78	2504267	10.138	ppbv	99
37) 1,2-Dichloroethane	5.796	62	1518063	10.070	ppbv	100
38) Trichloroethene	7.279	130	969959	9.794	ppbv	99
39) 1,2-Dichloropropane	7.060	63	968681	9.954	ppbv	98
40) 1,4-Dioxane	7.272	88	414156	10.247	ppbv	96
41) Tetrahydrofuran	5.542	42	1053960	10.894	ppbv	99
42) Bromodichloromethane	7.240	83	2212753	10.259	ppbv	98
43) Methyl Methacrylate	7.462	69	1045708	10.970	ppbv	100
44) 2,2,4-Trimethylpentane	7.314	57	4106810	9.881	ppbv	99
45) t-1,3-Dichloropropene	8.700	75	779009	11.961	ppbv	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012524\
 Data File : VL041026.D
 Acq On : 25 Jan 2024 12:14
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 Sample : VL0125ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

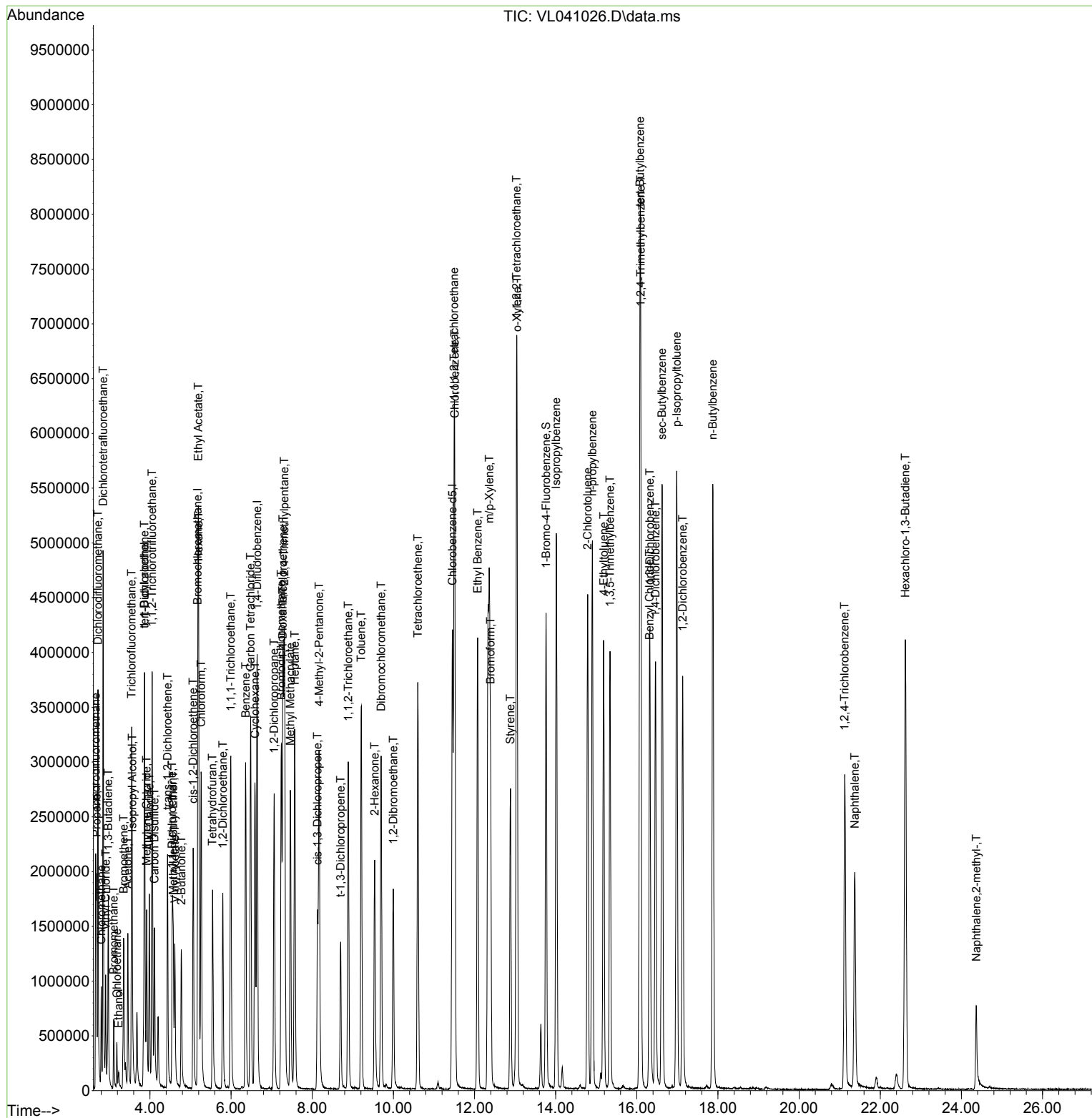
Instrument :
 MSVOA_L
 ClientSampleId :

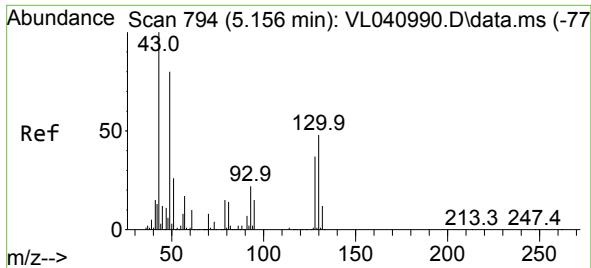
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL012324AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Jan 26 00:23:09 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.131	75	930508	11.456	ppbv	98
47) 1,1,2-Trichloroethane	8.889	97	1076908	10.267	ppbv	98
48) Dibromochloromethane	9.700	129	1888629	10.650	ppbv	99
49) Bromoform	12.394	173	1527404	10.981	ppbv	100
50) 4-Methyl-2-Pentanone	8.169	43	2643507	10.534	ppbv	100
51) 2-Hexanone	9.539	43	1936639	10.706	ppbv	99
52) Tetrachloroethene	10.603	164	857983	10.459	ppbv	98
53) Toluene	9.208	91	2845986	10.517	ppbv	99
54) 1,2-Dibromoethane	9.999	107	1543398	10.865	ppbv	96
56) 1,1,1,2-Tetrachloroethane	11.497	131	1353440	10.602	ppbv	100
57) Chlorobenzene	11.513	112	2203607	10.296	ppbv	98
58) Ethyl Benzene	12.076	91	3868840	10.829	ppbv	97
59) m/p-Xylene	12.362	91	3265897	10.484	ppbv #	29
60) o-Xylene	13.047	91	3170700	10.609	ppbv	99
61) Styrene	12.886	104	1649862	12.022	ppbv	99
62) Isopropylbenzene	14.015	105	4578241	10.358	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.037	83	2361618	10.167	ppbv	99
64) n-propylbenzene	14.905	120	1192179	10.676	ppbv	97
65) tert-Butylbenzene	16.079	119	4043221	10.470	ppbv	100
66) Benzyl Chloride	16.310	91	170519	6.738	ppbv #	73
67) sec-Butylbenzene	16.622	105	5699088	10.135	ppbv	100
69) p-Isopropyltoluene	16.982	119	4585157	10.527	ppbv	100
70) n-Butylbenzene	17.873	91	4904674	10.421	ppbv	100
71) 2-Chlorotoluene	14.789	91	3573998	10.480	ppbv	100
72) 4-Ethyltoluene	15.182	105	3650263	10.936	ppbv	99
73) 1,3,5-Trimethylbenzene	15.339	105	3138381	10.594	ppbv	98
74) 1,2,4-Trimethylbenzene	16.098	105	3475771	10.350	ppbv	91
75) 1,3-Dichlorobenzene	16.320	146	1984829	10.385	ppbv	99
76) 1,4-Dichlorobenzene	16.461	146	1944220	10.309	ppbv	99
77) 1,2-Dichlorobenzene	17.130	146	1916496	10.089	ppbv	98
78) Hexachloro-1,3-Butadiene	22.616	225	1109418	9.056	ppbv	99
79) Naphthalene	21.371	128	2586206	13.500	ppbv	99
80) Naphthalene,2-methyl-	24.368	142	613215	18.225	ppbv	99
81) 1,2,4-Trichlorobenzene	21.124	180	624645	5.589	ppbv #	11

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

Quant Time: Jan 26 00:25:59 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL012324AIR.M
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QLast Update : Fri Jan 26 00:23:09 2024
Response via : Initial Calibration

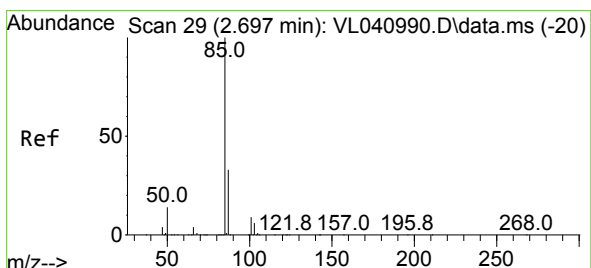
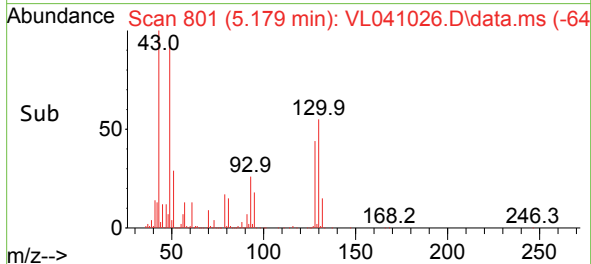
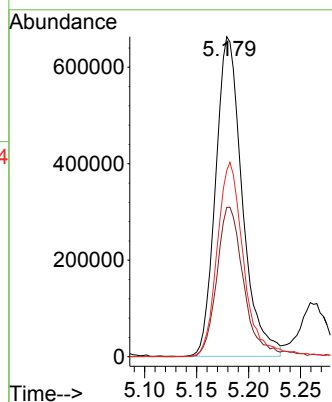
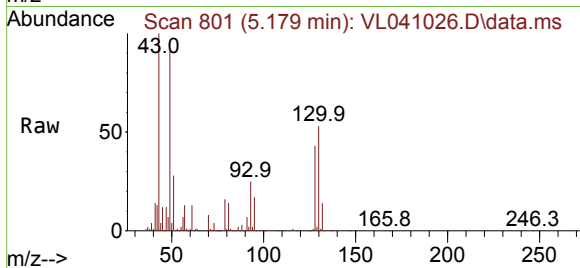




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.179 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VL041026.D
 Acq: 25 Jan 2024 12:14

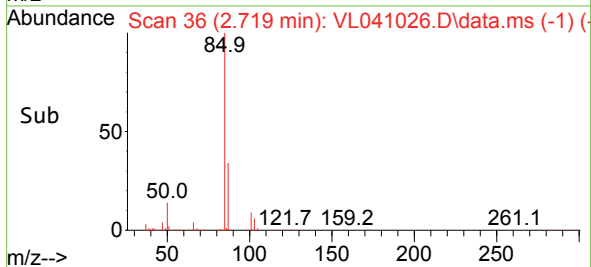
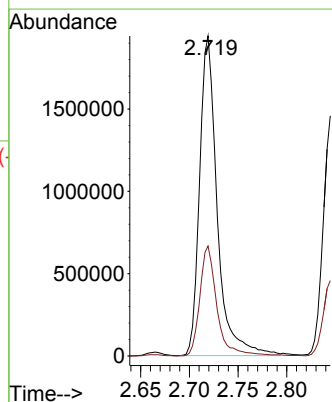
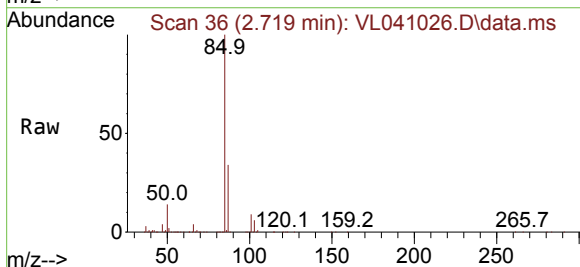
Instrument :
 MSVOA_L
 ClientSampleId :

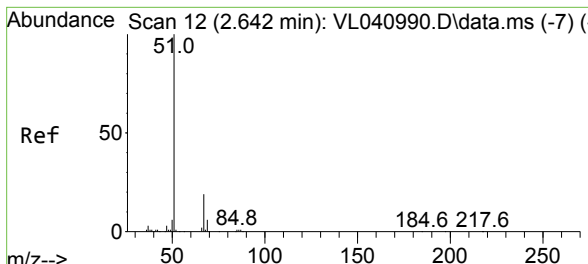
Tgt Ion: 49 Resp: 1184355
 Ion Ratio Lower Upper
 49 100
 128 48.6 23.9 71.7
 130 61.7 31.1 93.5



#2
 Dichlorodifluoromethane
 Concen: 9.340 ppbv
 RT: 2.719 min Scan# 36
 Delta R.T. 0.003 min
 Lab File: VL041026.D
 Acq: 25 Jan 2024 12:14

Tgt Ion: 85 Resp: 2443255
 Ion Ratio Lower Upper
 85 100
 87 34.4 26.3 39.5

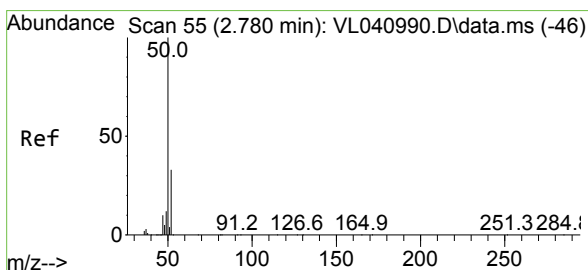
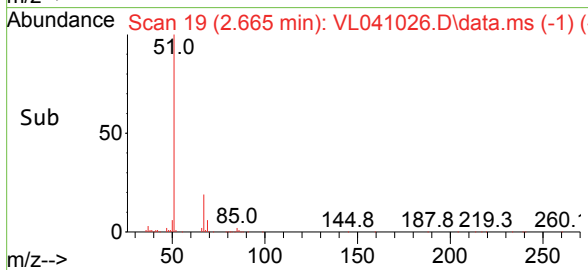
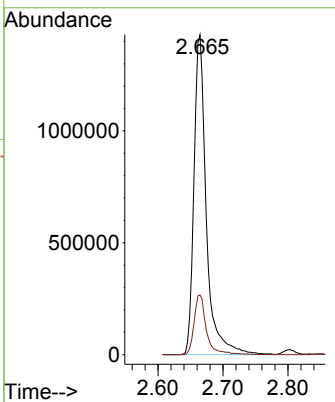
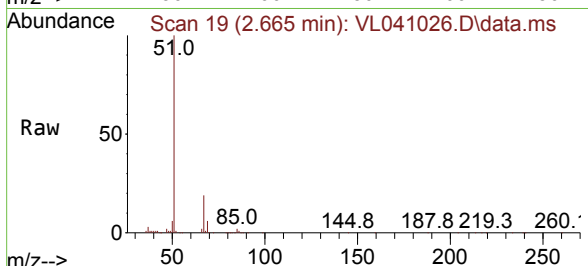




#3
 Chlorodifluoromethane
 Concen: 9.520 ppbv
 RT: 2.665 min Scan# 19
 Delta R.T. 0.003 min
 Lab File: VL041026.D
 Acq: 25 Jan 2024 12:14

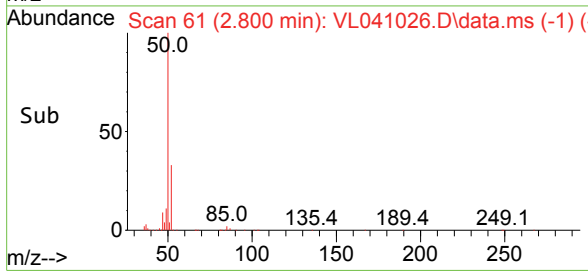
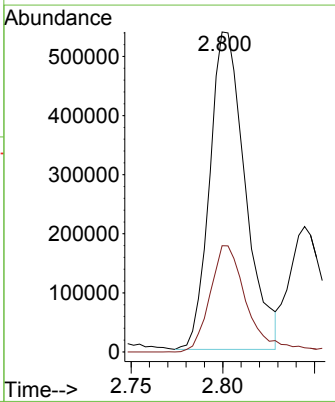
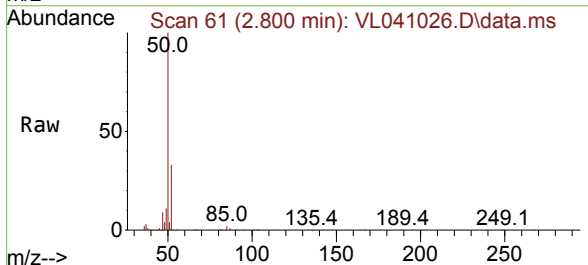
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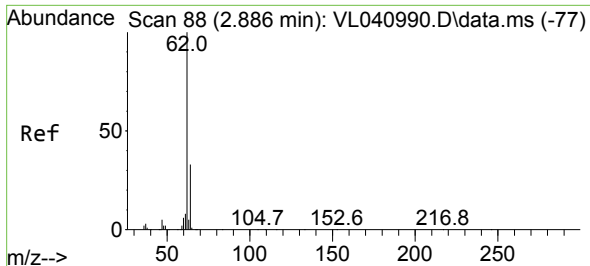
Tgt Ion: 51 Resp: 1896304
 Ion Ratio Lower Upper
 51 100
 67 18.8 14.8 22.2



#4
 Chloromethane
 Concen: 9.704 ppbv
 RT: 2.800 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VL041026.D
 Acq: 25 Jan 2024 12:14

Tgt Ion: 50 Resp: 724572
 Ion Ratio Lower Upper
 50 100
 52 33.5 26.2 39.4

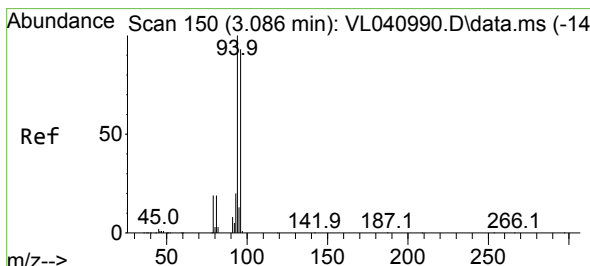
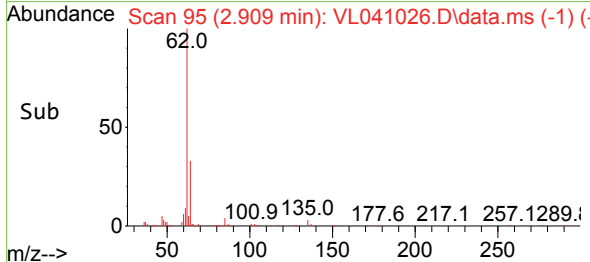
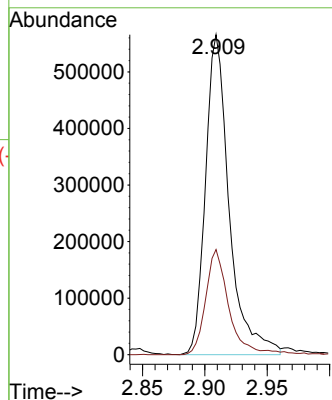
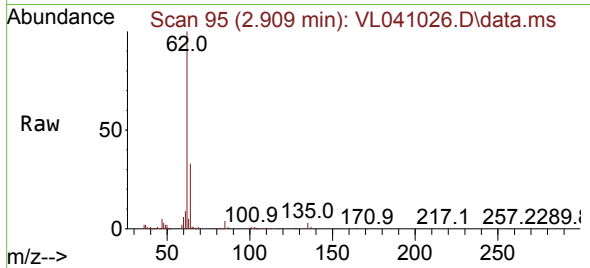




#5
 Vinyl Chloride
 Concen: 10.200 ppbv
 RT: 2.909 min Scan# 91
 Delta R.T. 0.003 min
 Lab File: VL041026.D
 Acq: 25 Jan 2024 12:14

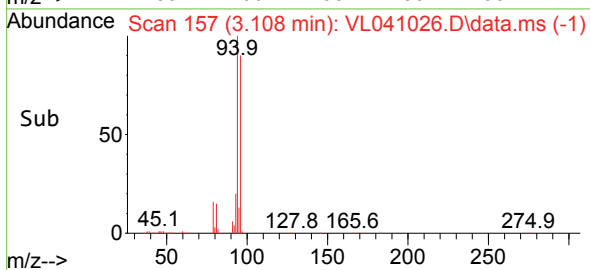
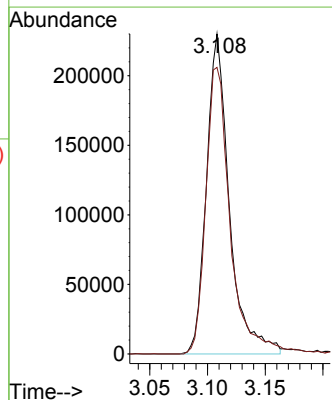
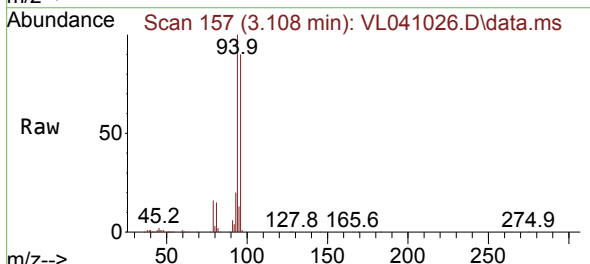
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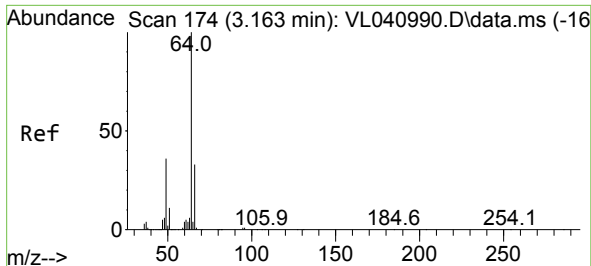
Tgt Ion: 62 Resp: 746710
 Ion Ratio Lower Upper
 62 100
 64 32.9 26.6 40.0



#6
 Bromomethane
 Concen: 9.944 ppbv
 RT: 3.108 min Scan# 157
 Delta R.T. 0.003 min
 Lab File: VL041026.D
 Acq: 25 Jan 2024 12:14

Tgt Ion: 94 Resp: 316970
 Ion Ratio Lower Upper
 94 100
 96 89.6 74.2 111.4

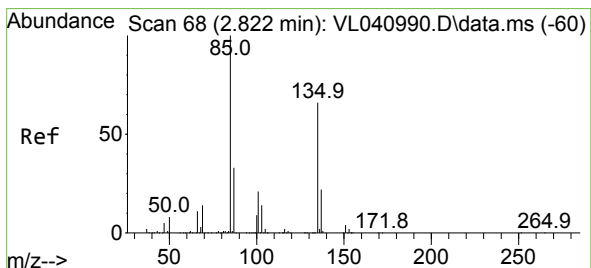
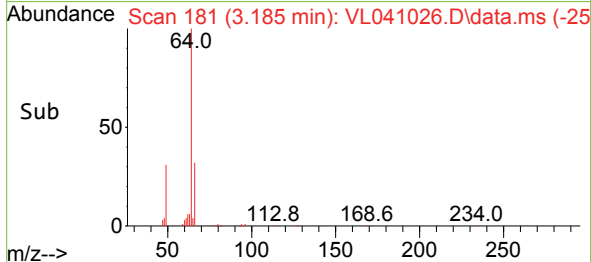
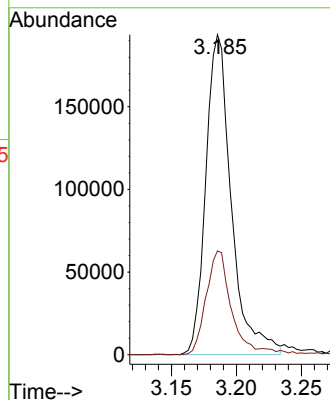
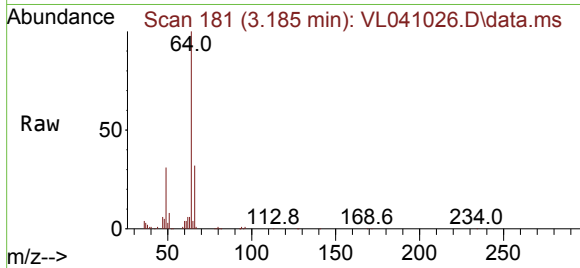




#7
Chloroethane
Concen: 10.053 ppbv
RT: 3.185 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL041026.D
Acq: 25 Jan 2024 12:14

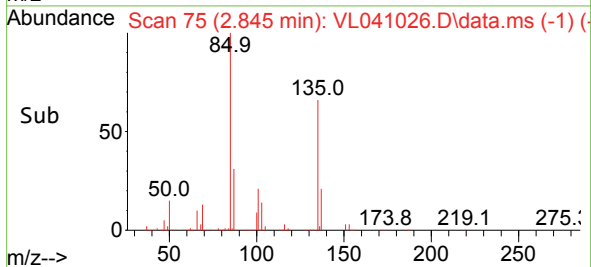
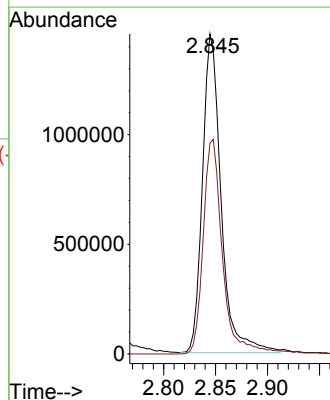
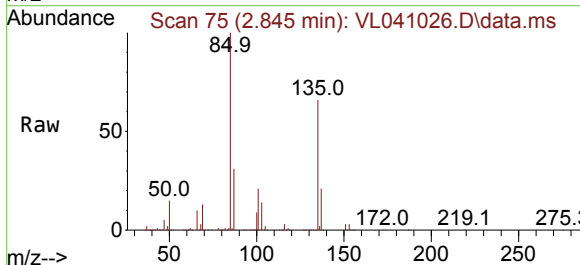
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MSVOA_L
ClientSampleId :

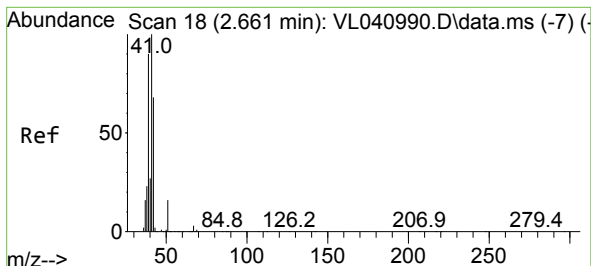
Tgt Ion: 64 Resp: 265003
Ion Ratio Lower Upper
64 100
66 32.5 26.0 39.0



#8
Dichlorotetrafluoroethane
Concen: 9.299 ppbv
RT: 2.845 min Scan# 75
Delta R.T. -0.000 min
Lab File: VL041026.D
Acq: 25 Jan 2024 12:14

Tgt Ion: 85 Resp: 1817144
Ion Ratio Lower Upper
85 100
135 70.4 55.0 82.6





#9

Propene

Concen: 10.191 ppbv

RT: 2.684 min Scan# 21

Delta R.T. 0.003 min

Lab File: VL041026.D

Acq: 25 Jan 2024 12:14

Instrument :

MSVOA_L

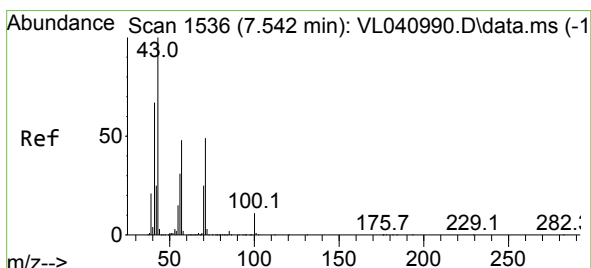
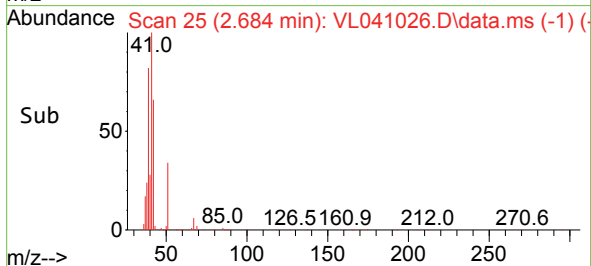
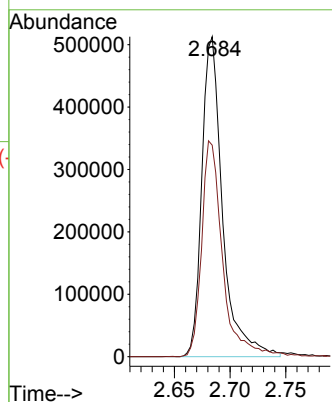
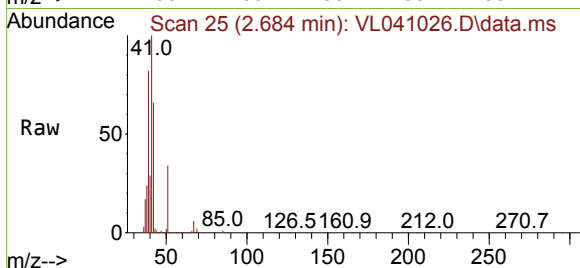
ClientSampleId :

Tgt Ion: 41 Resp: 665884

Ion Ratio Lower Upper

41 100

42 68.6 59.0 88.4



#10

Heptane

Concen: 9.911 ppbv

RT: 7.568 min Scan# 1544

Delta R.T. 0.003 min

Lab File: VL041026.D

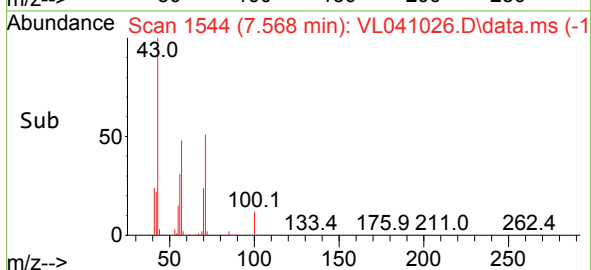
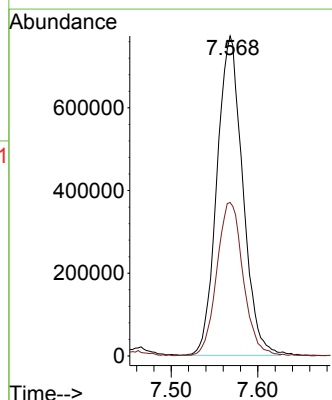
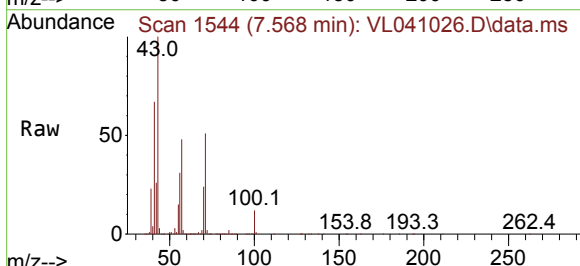
Acq: 25 Jan 2024 12:14

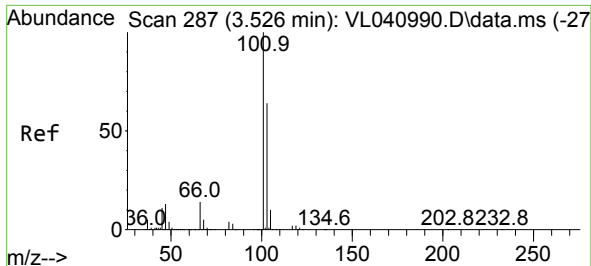
Tgt Ion: 43 Resp: 1593786

Ion Ratio Lower Upper

43 100

57 49.5 39.4 59.2

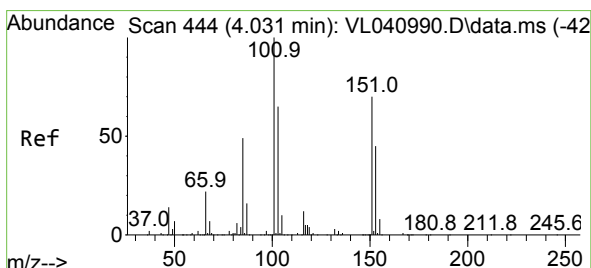
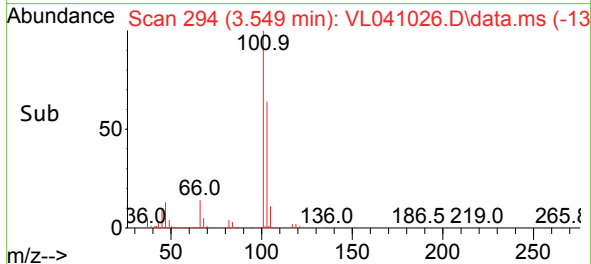
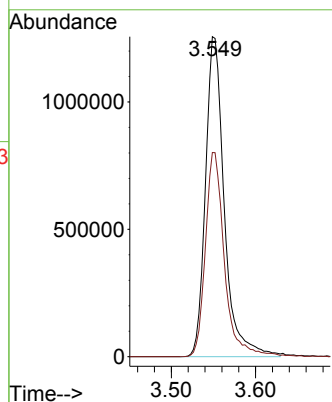
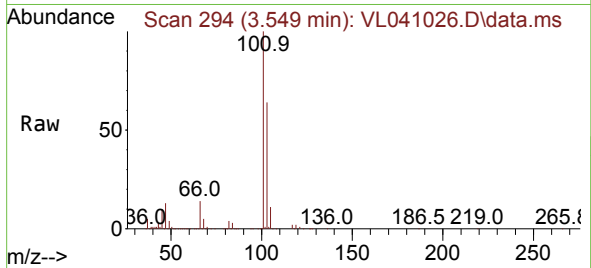




#11
 Trichlorofluoromethane
 Concen: 9.281 ppbv
 RT: 3.549 min Scan# 241
 Delta R.T. -0.000 min
 Lab File: VL041026.D
 Acq: 25 Jan 2024 12:14

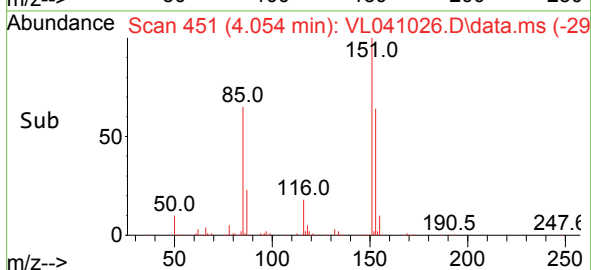
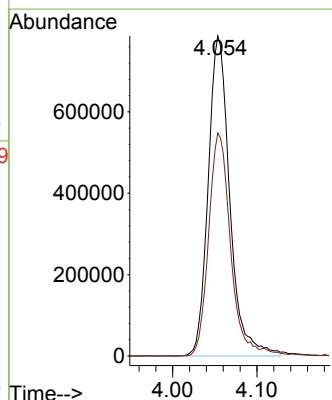
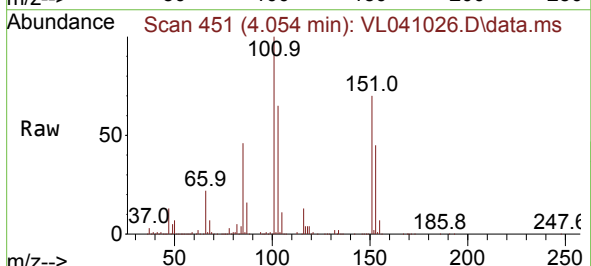
Instrument :
 MSVOA_L
 ClientSampleId :

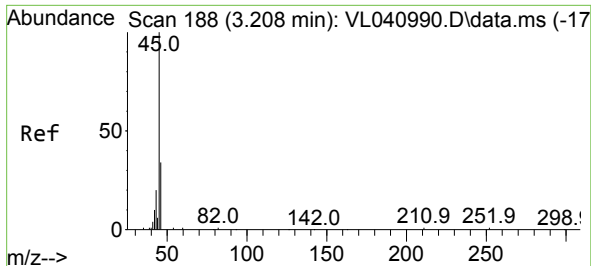
Tgt Ion:101 Resp: 1956334
 Ion Ratio Lower Upper
 101 100
 103 63.8 51.4 77.2



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.177 ppbv
 RT: 4.054 min Scan# 451
 Delta R.T. -0.000 min
 Lab File: VL041026.D
 Acq: 25 Jan 2024 12:14

Tgt Ion:101 Resp: 1401950
 Ion Ratio Lower Upper
 101 100
 151 71.5 56.6 85.0

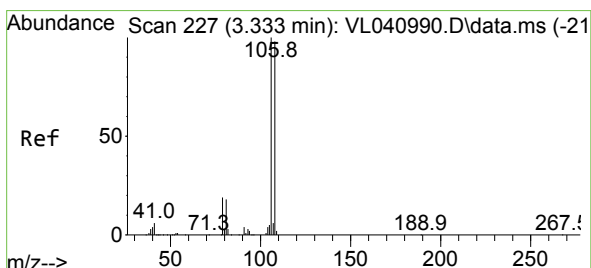
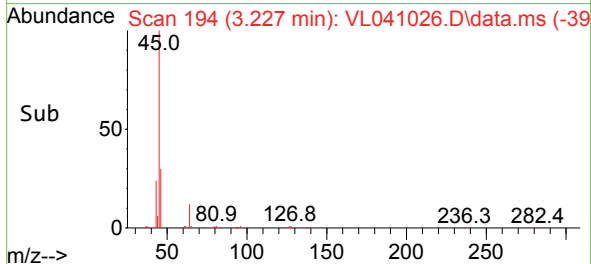
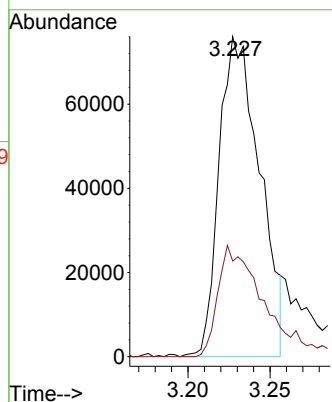
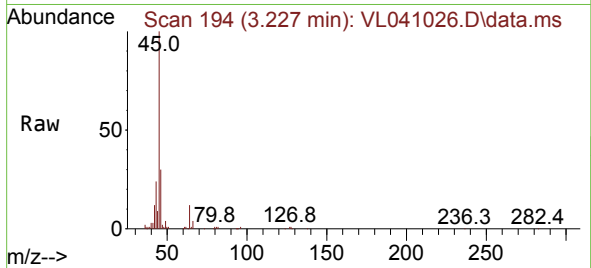




#13
Ethanol
Concen: 8.393 ppbv
RT: 3.227 min Scan# 194
Delta R.T. -0.000 min
Lab File: VL041026.D
Acq: 25 Jan 2024 12:14

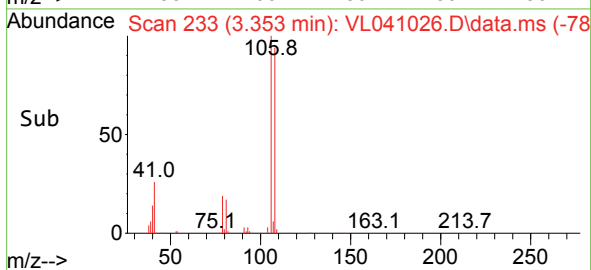
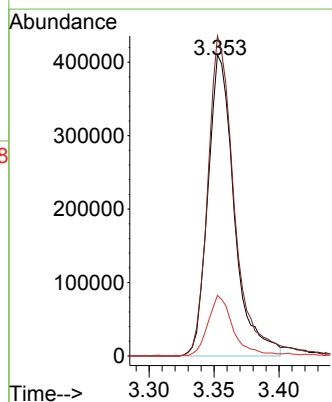
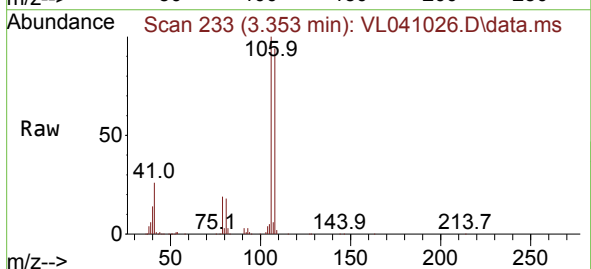
Instrument :
MSVOA_L
ClientSampleId :

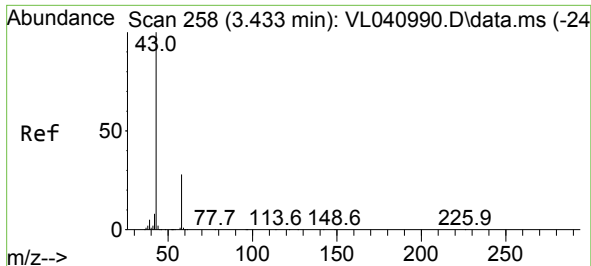
Tgt Ion: 45 Resp: 130705
Ion Ratio Lower Upper
45 100
46 42.3 16.2 64.8



#14
Bromoethene
Concen: 9.846 ppbv
RT: 3.353 min Scan# 233
Delta R.T. -0.000 min
Lab File: VL041026.D
Acq: 25 Jan 2024 12:14

Tgt Ion: 108 Resp: 577474
Ion Ratio Lower Upper
108 100
106 109.8 86.4 129.6
79 20.0 16.2 24.4

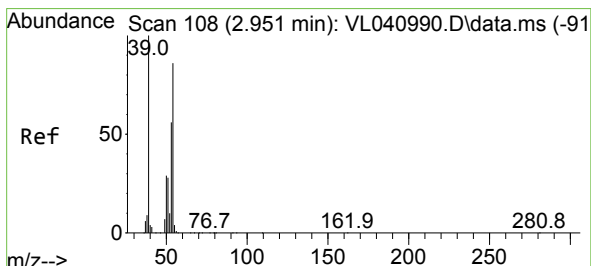
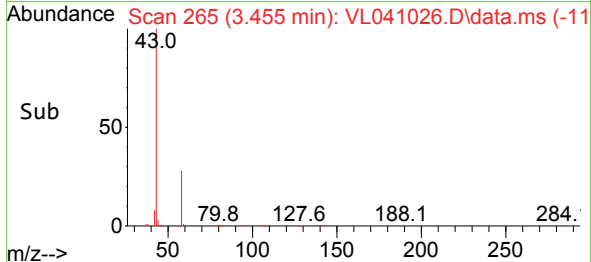
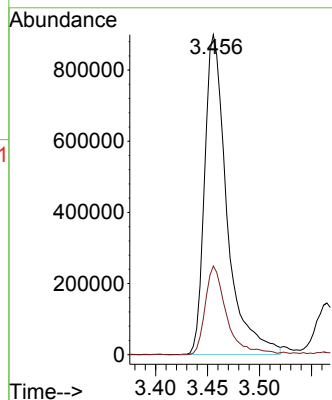
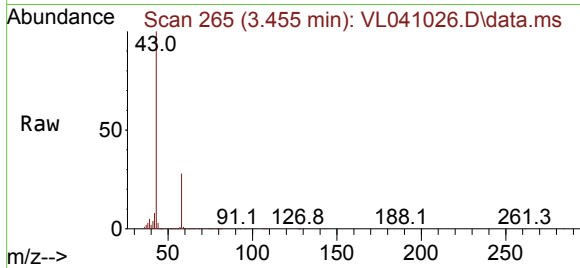




#15
Acetone
Concen: 8.876 ppbv
RT: 3.455 min Scan# 20
Delta R.T. -0.000 min
Lab File: VL041026.D
Acq: 25 Jan 2024 12:14

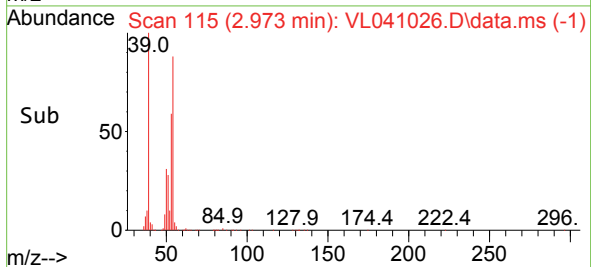
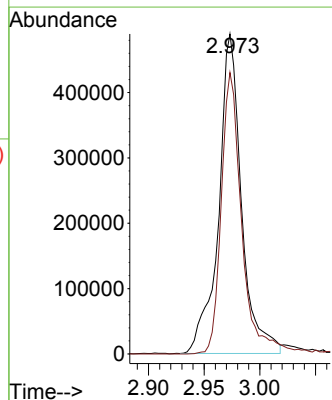
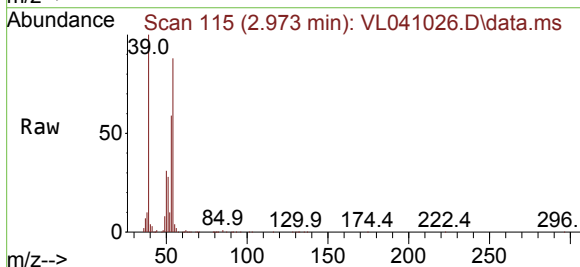
Instrument :
MSVOA_L
ClientSampleId :

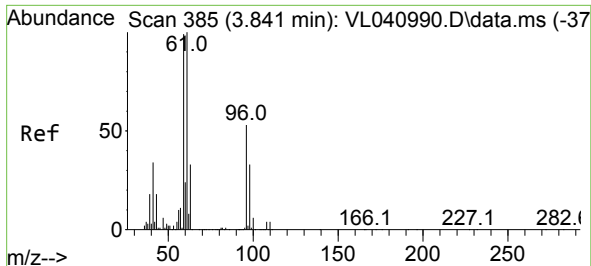
Tgt Ion: 43 Resp: 1344358
Ion Ratio Lower Upper
43 100
58 27.2 22.2 33.2



#16
1,3-Butadiene
Concen: 9.664 ppbv
RT: 2.973 min Scan# 115
Delta R.T. 0.003 min
Lab File: VL041026.D
Acq: 25 Jan 2024 12:14

Tgt Ion: 39 Resp: 700214
Ion Ratio Lower Upper
39 100
54 80.1 62.7 94.1





#17

tert-Butyl alcohol

Concen: 10.404 ppbv

RT: 3.867 min Scan# 393

Delta R.T. 0.003 min

Lab File: VL041026.D

Acq: 25 Jan 2024 12:14

Instrument :

MSVOA_L

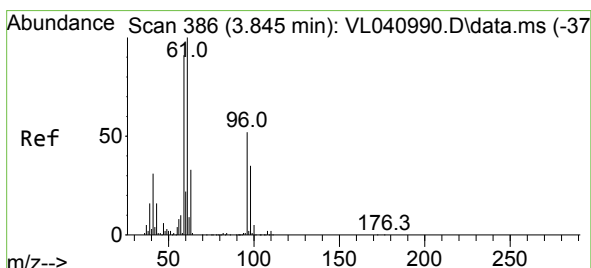
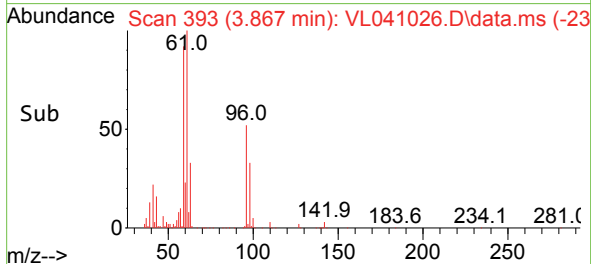
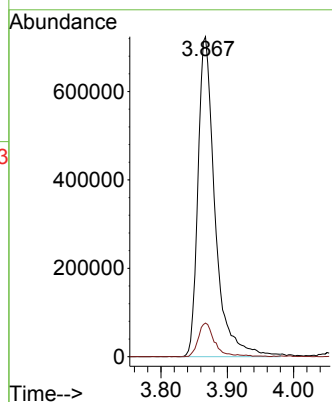
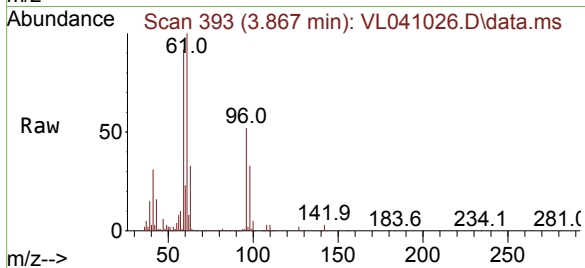
ClientSampleId :

Tgt Ion: 59 Resp: 1292467

Ion Ratio Lower Upper

59 100

57 10.3 8.7 13.1



#18

1,1-Dichloroethene

Concen: 9.452 ppbv

RT: 3.867 min Scan# 393

Delta R.T. -0.000 min

Lab File: VL041026.D

Acq: 25 Jan 2024 12:14

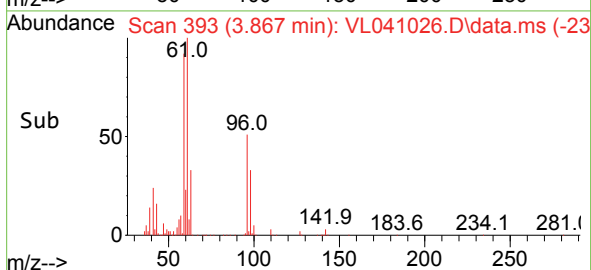
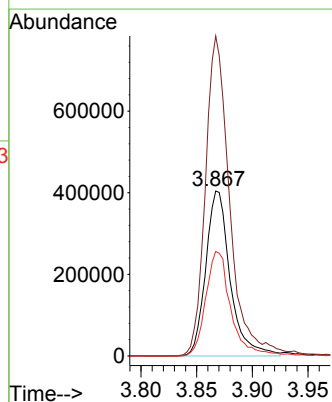
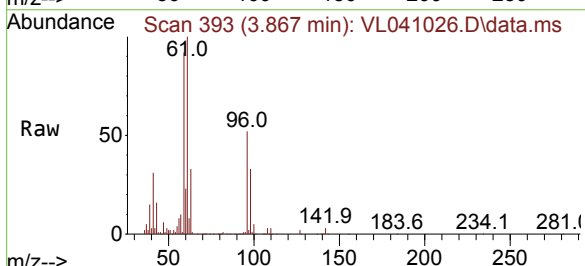
Tgt Ion: 96 Resp: 618206

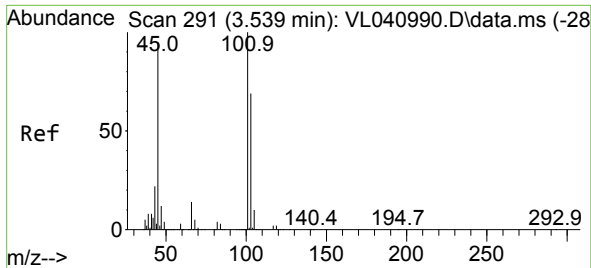
Ion Ratio Lower Upper

96 100

61 193.7 153.8 230.8

98 63.3 53.7 80.5





#19

Isopropyl Alcohol

Concen: 9.980 ppbv

RT: 3.565 min Scan# 291

Delta R.T. 0.003 min

Lab File: VL041026.D

Acq: 25 Jan 2024 12:14

Instrument :

MSVOA_L

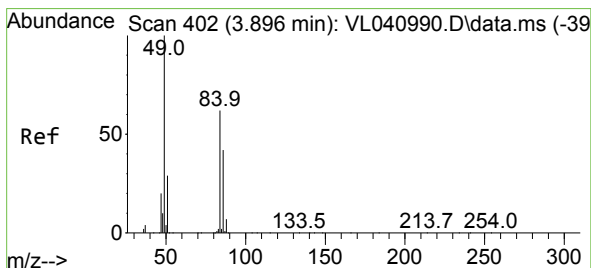
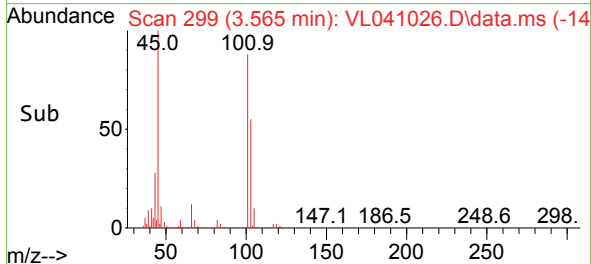
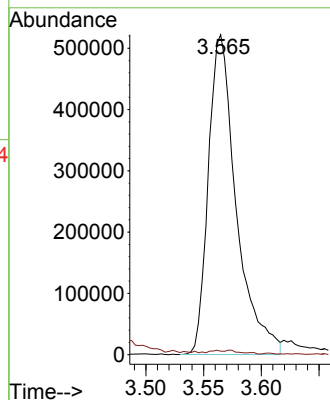
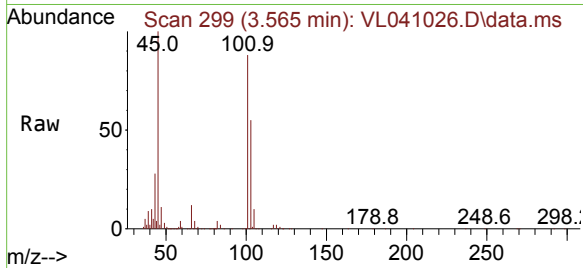
ClientSampleId :

Tgt Ion: 45 Resp: 874971

Ion Ratio Lower Upper

45 100

58 1.6 2.2 3.4#



#20

Methylene Chloride

Concen: 8.819 ppbv

RT: 3.922 min Scan# 410

Delta R.T. 0.003 min

Lab File: VL041026.D

Acq: 25 Jan 2024 12:14

Tgt Ion: 84 Resp: 513964

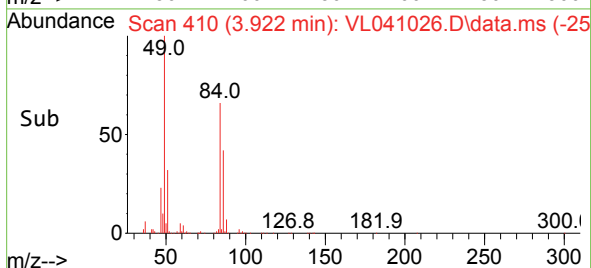
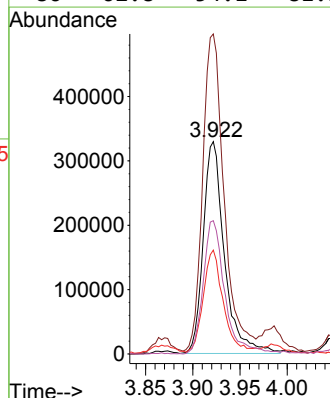
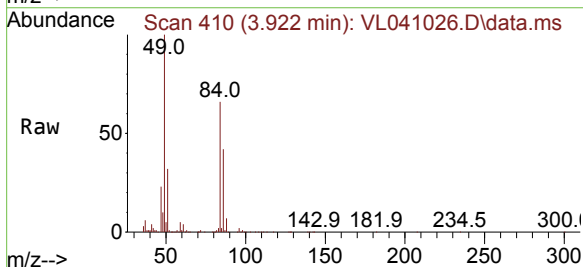
Ion Ratio Lower Upper

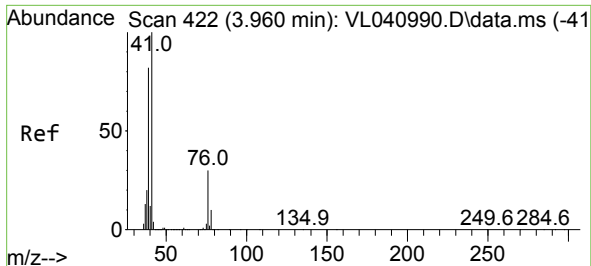
84 100

49 149.2 128.1 192.1

51 47.7 36.5 54.7

86 62.8 54.1 81.1

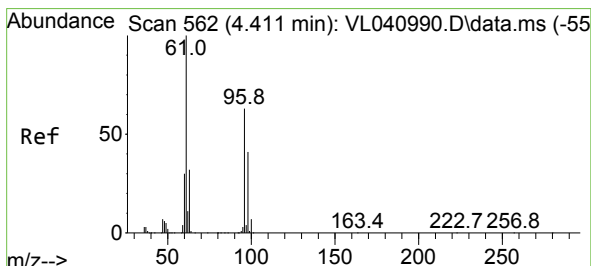
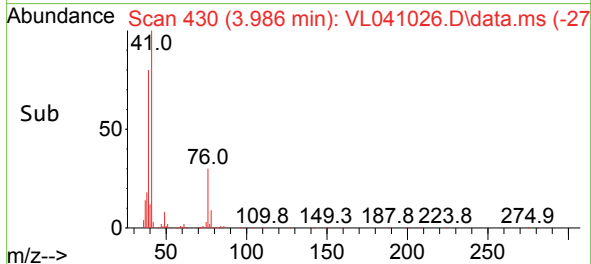
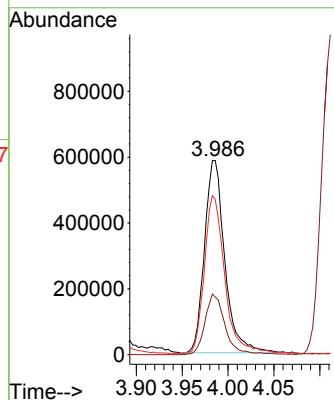
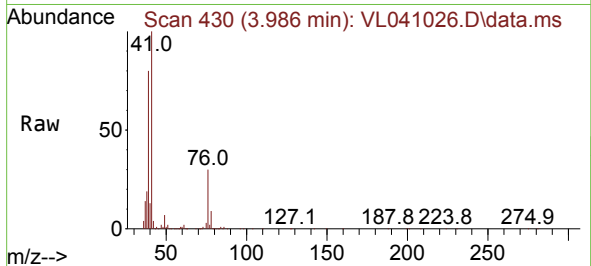




#21
 Allyl Chloride
 Concen: 9.787 ppbv
 RT: 3.986 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL041026.D
 Acq: 25 Jan 2024 12:14

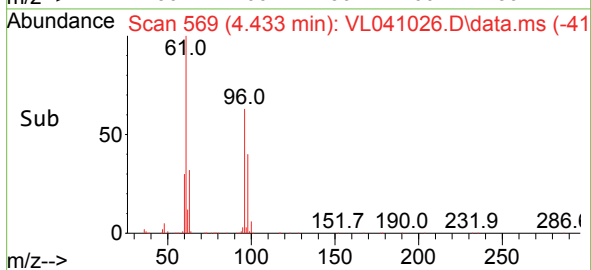
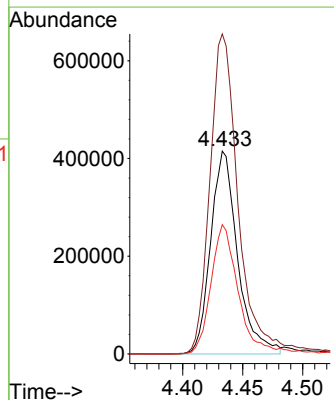
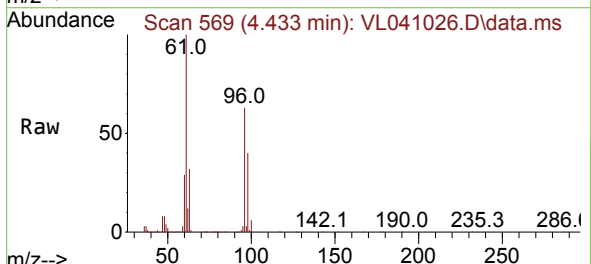
Instrument :
 MSVOA_L
 ClientSampleId :

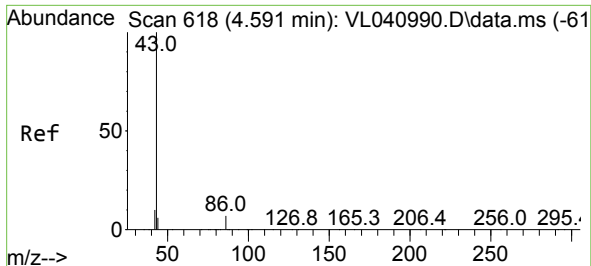
Tgt Ion: 41 Resp: 900636
 Ion Ratio Lower Upper
 41 100
 76 31.3 25.0 37.4
 39 83.2 67.0 100.6



#22
 trans-1,2-Dichloroethene
 Concen: 9.643 ppbv
 RT: 4.433 min Scan# 569
 Delta R.T. -0.000 min
 Lab File: VL041026.D
 Acq: 25 Jan 2024 12:14

Tgt Ion: 96 Resp: 649409
 Ion Ratio Lower Upper
 96 100
 61 157.4 126.0 189.0
 98 63.7 51.2 76.8



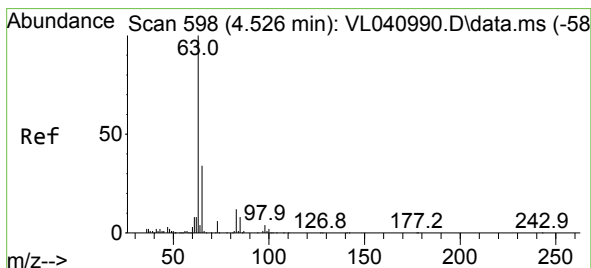
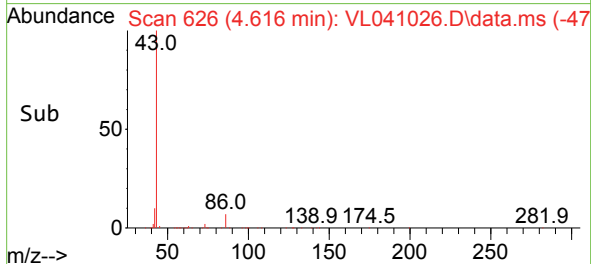
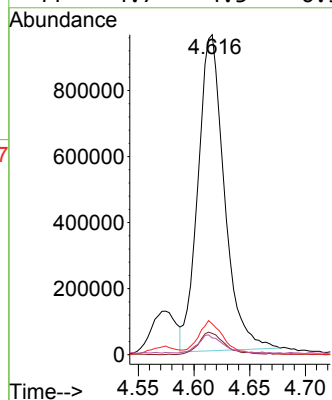
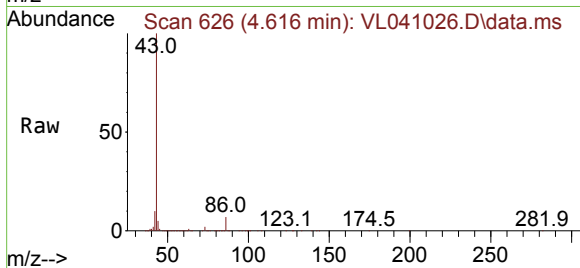


#23
 Vinyl Acetate
 Concen: 10.108 ppbv
 RT: 4.616 min Scan# 61
 Delta R.T. 0.003 min
 Lab File: VL041026.D
 Acq: 25 Jan 2024 12:14

Instrument :
 MSVOA_L
 ClientSampleId :

Tgt Ion: 43 Resp: 1578097

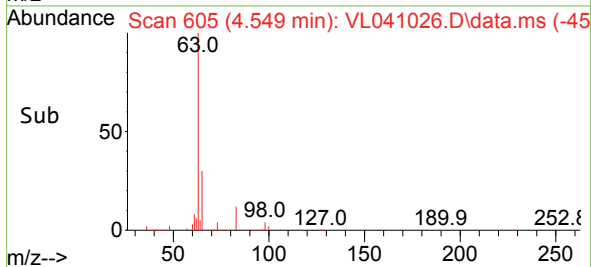
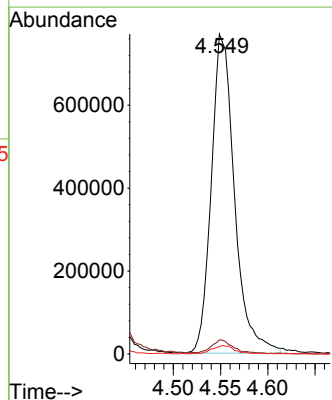
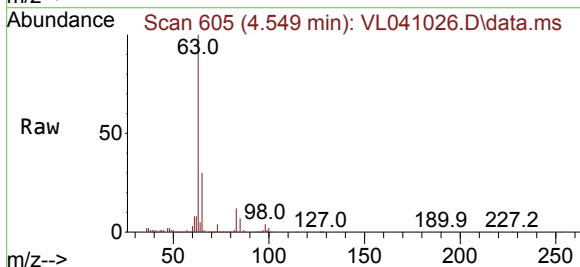
Ion	Ratio	Lower	Upper
43	100		
86	6.6	5.4	8.0
42	9.6	8.6	13.0
44	4.7	4.3	6.5

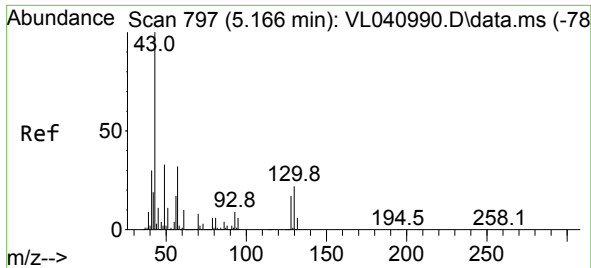


#24
 1,1-Dichloroethane
 Concen: 9.483 ppbv
 RT: 4.549 min Scan# 605
 Delta R.T. -0.003 min
 Lab File: VL041026.D
 Acq: 25 Jan 2024 12:14

Tgt Ion: 63 Resp: 1313312

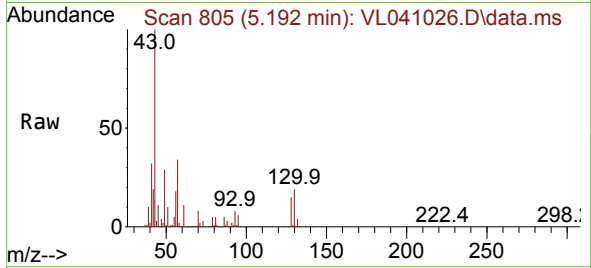
Ion	Ratio	Lower	Upper
63	100		
98	4.2	2.1	6.3
100	2.2	1.3	3.9





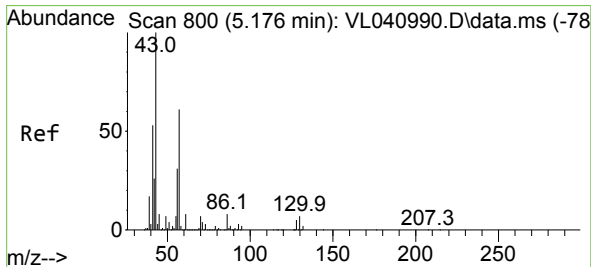
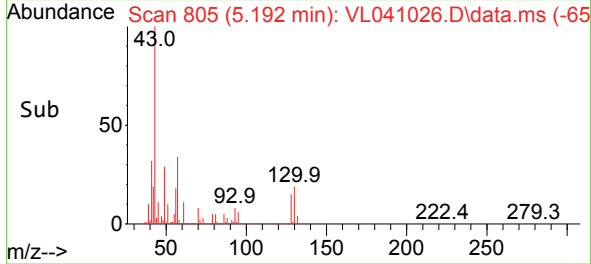
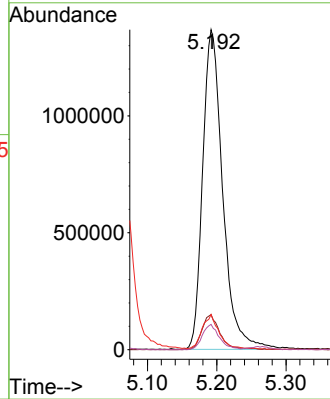
#25
Ethyl Acetate
Concen: 9.998 ppbv
RT: 5.192 min Scan# 805
Delta R.T. -0.000 min
Lab File: VL041026.D
Acq: 25 Jan 2024 12:14

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion: 43 Resp: 2745636

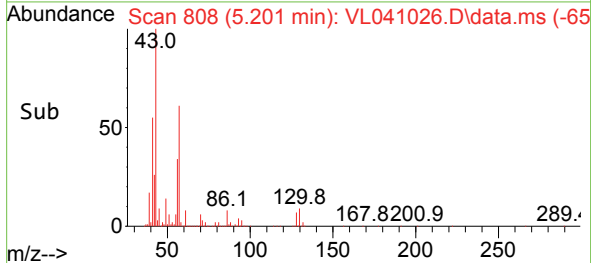
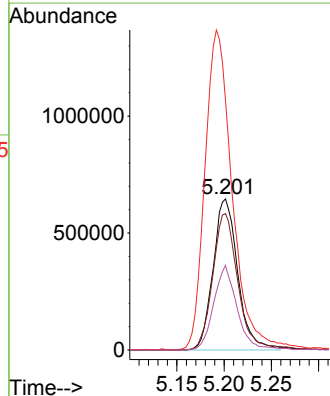
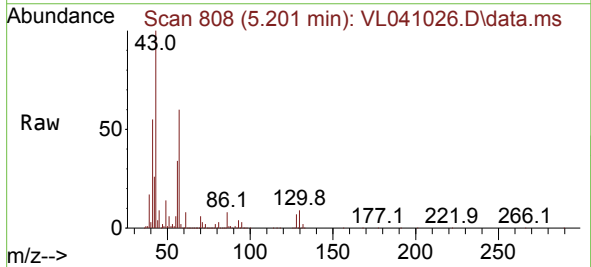
Ion	Ratio	Lower	Upper
43	100		
45	10.1	8.2	12.4
61	9.6	7.9	11.9
70	6.8	5.4	8.2

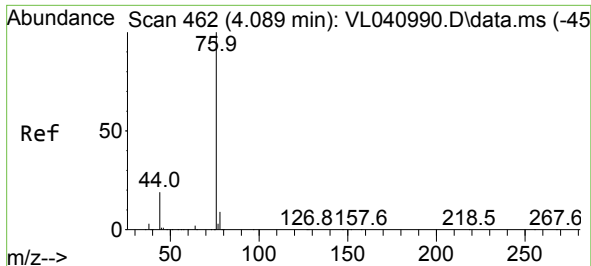


#26
Hexane
Concen: 9.997 ppbv
RT: 5.201 min Scan# 808
Delta R.T. -0.000 min
Lab File: VL041026.D
Acq: 25 Jan 2024 12:14

Tgt Ion: 57 Resp: 1170201

Ion	Ratio	Lower	Upper
57	100		
41	93.6	74.4	111.6
43	235.4	190.6	285.8
56	53.6	43.0	64.4

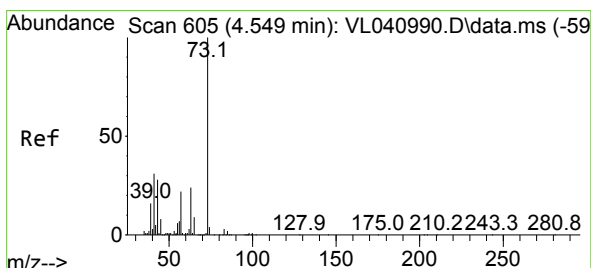
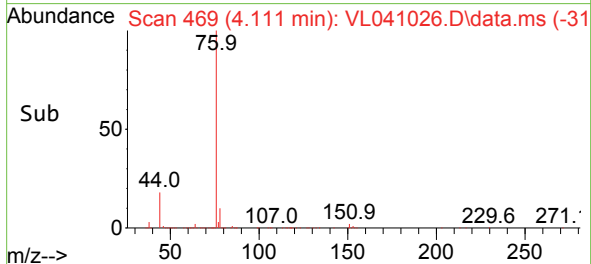
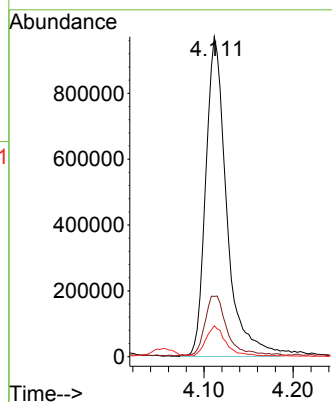
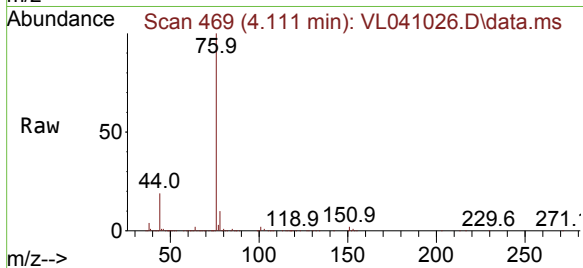




#27
Carbon Disulfide
Concen: 10.418 ppbv
RT: 4.111 min Scan# 40
Delta R.T. -0.000 min
Lab File: VL041026.D
Acq: 25 Jan 2024 12:14

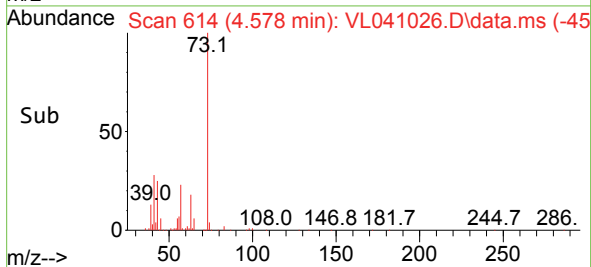
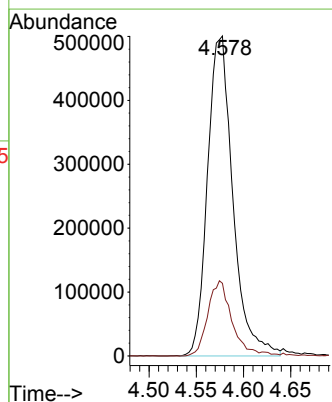
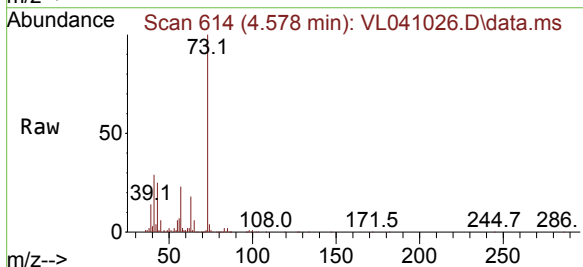
Instrument :
MSVOA_L
ClientSampleId :

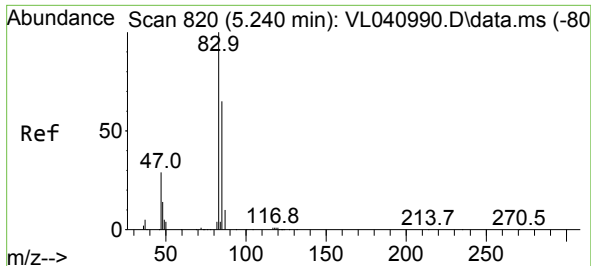
Tgt Ion: 76 Resp: 1586977
Ion Ratio Lower Upper
76 100
44 19.7 16.0 24.0
78 10.1 7.8 11.8



#28
Methyl tert-Butyl Ether
Concen: 9.623 ppbv
RT: 4.578 min Scan# 614
Delta R.T. 0.006 min
Lab File: VL041026.D
Acq: 25 Jan 2024 12:14

Tgt Ion: 73 Resp: 934926
Ion Ratio Lower Upper
73 100
57 22.9 18.0 27.0





#29

Chloroform

Concen: 9.513 ppbv

RT: 5.263 min Scan# 81

Delta R.T. 0.003 min

Lab File: VL041026.D

Acq: 25 Jan 2024 12:14

Instrument :

MSVOA_L

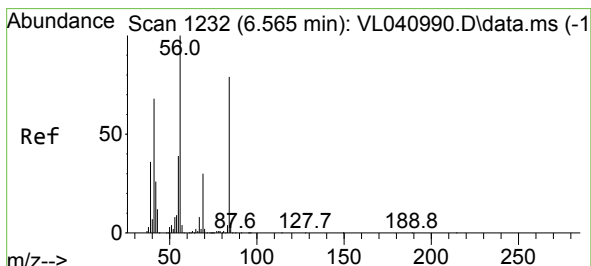
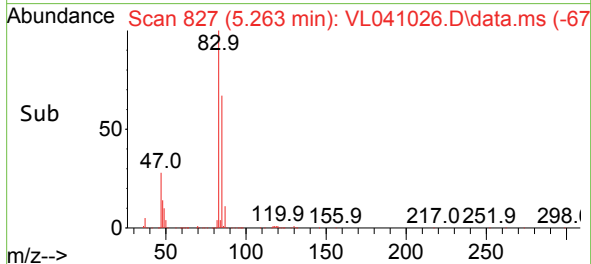
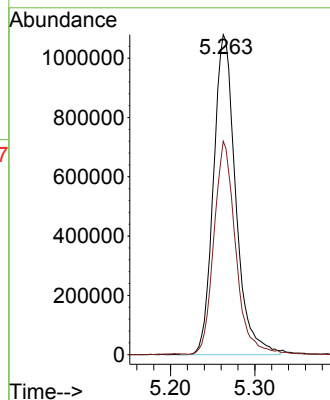
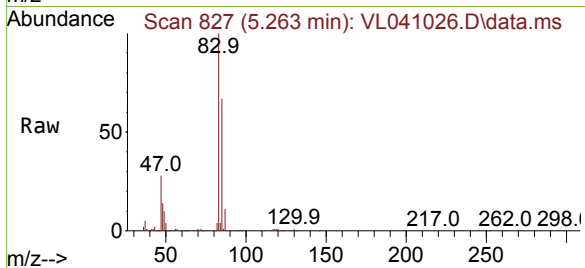
ClientSampleId :

Tgt Ion: 83 Resp: 1975092

Ion Ratio Lower Upper

83 100

85 66.4 51.6 77.4



#30

Cyclohexane

Concen: 9.909 ppbv

RT: 6.590 min Scan# 1240

Delta R.T. 0.003 min

Lab File: VL041026.D

Acq: 25 Jan 2024 12:14

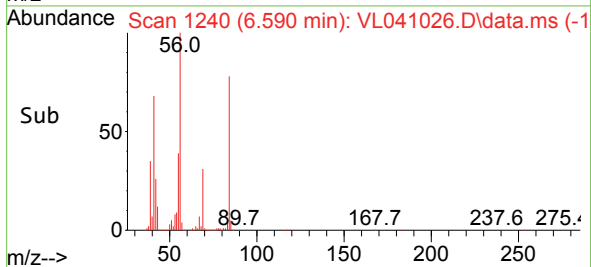
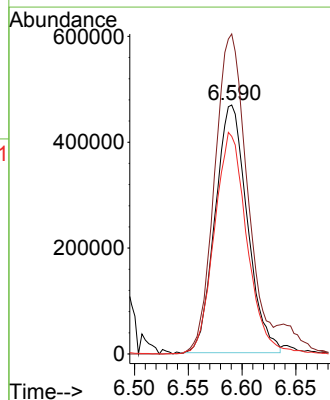
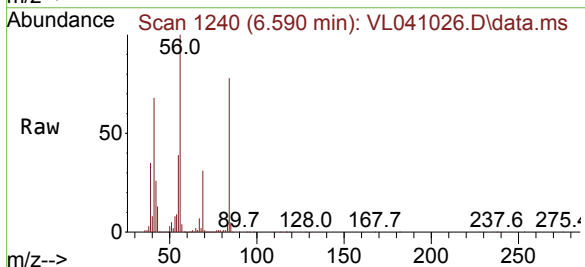
Tgt Ion: 84 Resp: 971888

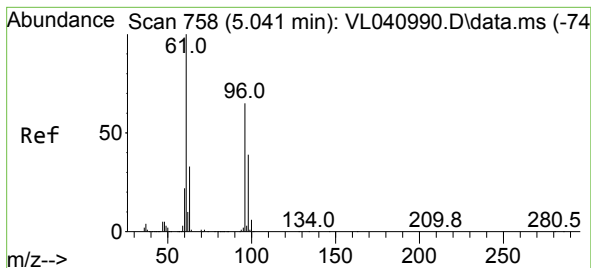
Ion Ratio Lower Upper

84 100

56 140.0 111.7 167.5

41 90.8 71.0 106.6





#31

cis-1,2-Dichloroethene

Concen: 10.903 ppbv

RT: 5.066 min Scan# 7

Delta R.T. -0.000 min

Lab File: VL041026.D

Acq: 25 Jan 2024 12:14

Instrument :

MSVOA_L

ClientSampleId :

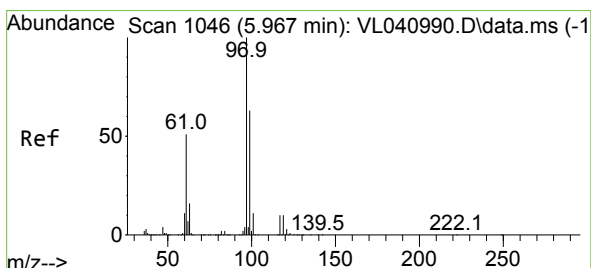
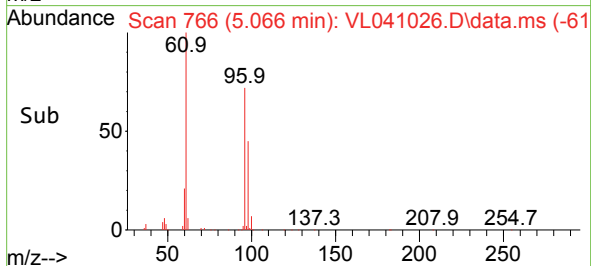
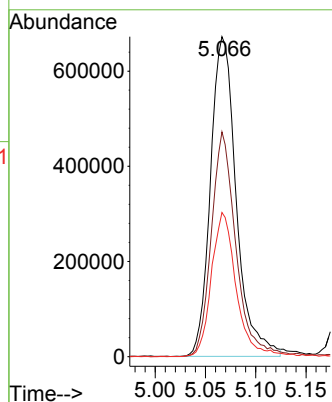
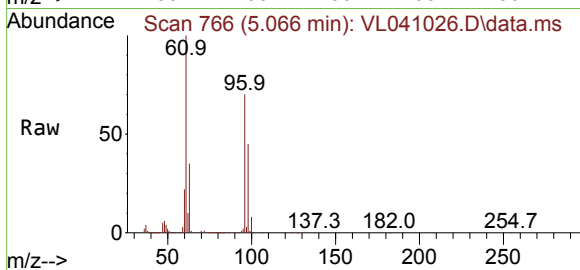
Tgt Ion: 61 Resp: 1197887

Ion Ratio Lower Upper

61 100

96 70.3 51.9 77.9

98 45.0 31.5 47.3



#32

1,1,1-Trichloroethane

Concen: 10.035 ppbv

RT: 5.992 min Scan# 1054

Delta R.T. -0.000 min

Lab File: VL041026.D

Acq: 25 Jan 2024 12:14

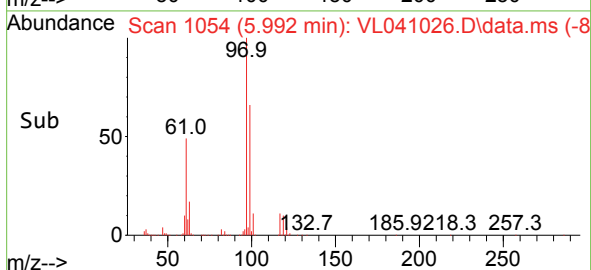
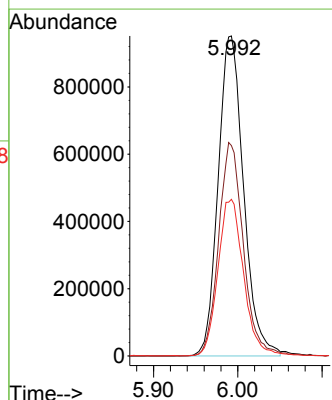
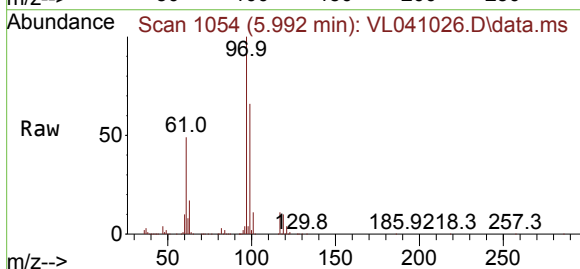
Tgt Ion: 97 Resp: 1991293

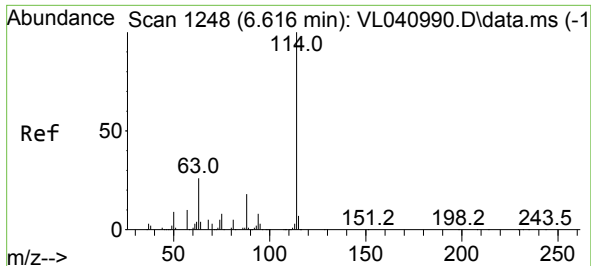
Ion Ratio Lower Upper

97 100

99 65.1 51.5 77.3

61 49.8 40.3 60.5

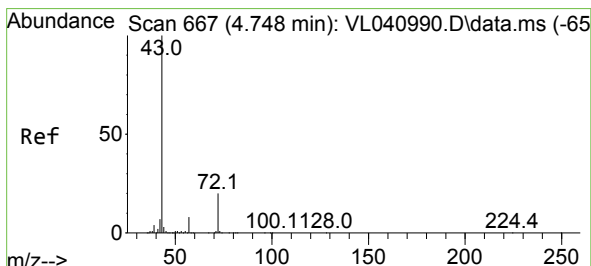
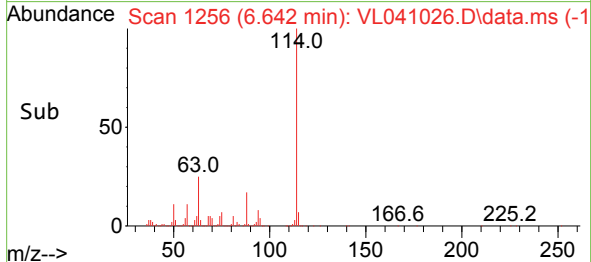
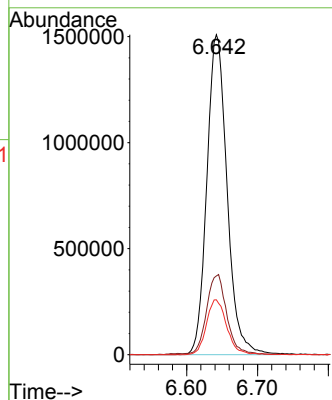
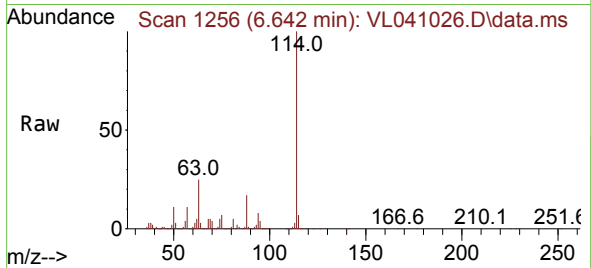




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 6.642 min Scan# 114
 Delta R.T. -0.000 min
 Lab File: VL041026.D
 Acq: 25 Jan 2024 12:14

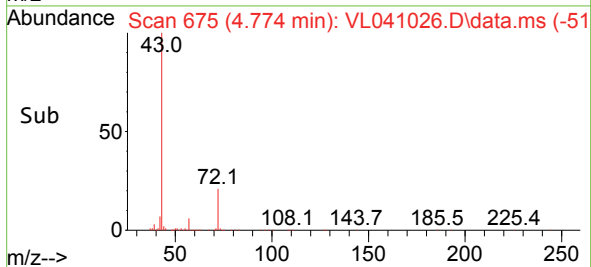
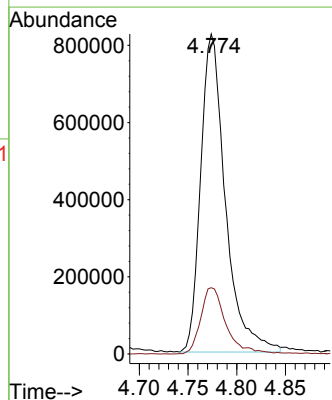
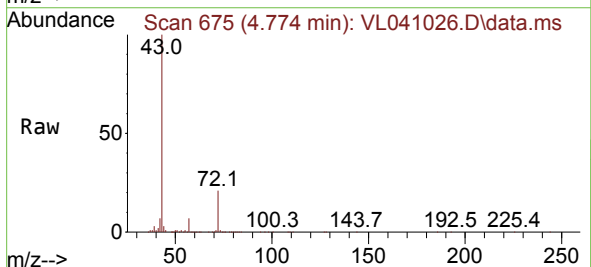
Instrument :
 MSVOA_L
 ClientSampleId :

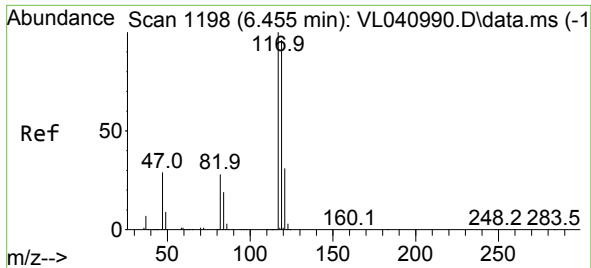
Tgt Ion:114 Resp: 2990972
 Ion Ratio Lower Upper
 114 100
 63 25.6 20.8 31.2
 88 17.4 14.3 21.5



#34
 2-Butanone
 Concen: 10.218 ppbv
 RT: 4.774 min Scan# 675
 Delta R.T. 0.003 min
 Lab File: VL041026.D
 Acq: 25 Jan 2024 12:14

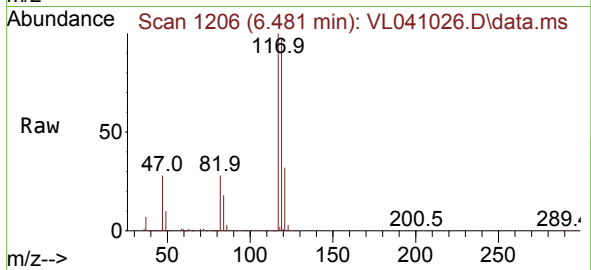
Tgt Ion: 43 Resp: 1455980
 Ion Ratio Lower Upper
 43 100
 72 21.6 17.5 26.3



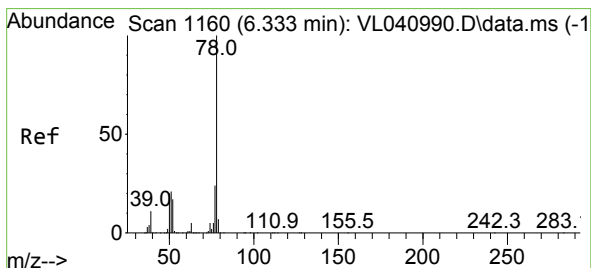
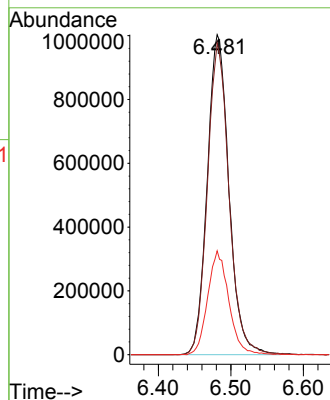
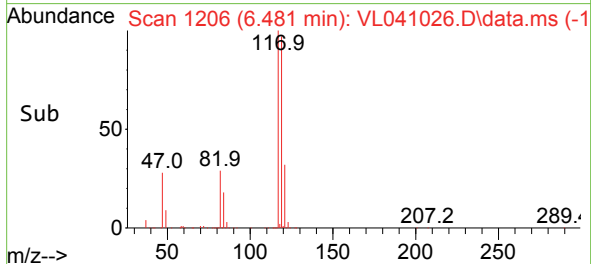


#35
Carbon Tetrachloride
Concen: 10.473 ppbv
RT: 6.481 min Scan# 1198
Delta R.T. -0.000 min
Lab File: VL041026.D
Acq: 25 Jan 2024 12:14

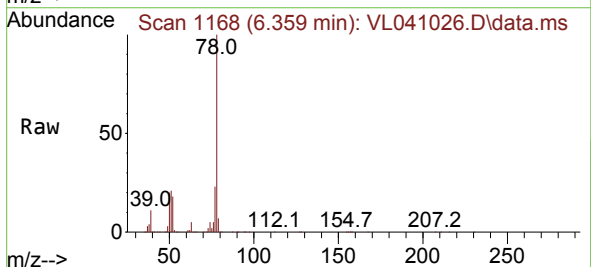
Instrument :
MSVOA_L
ClientSampleId :



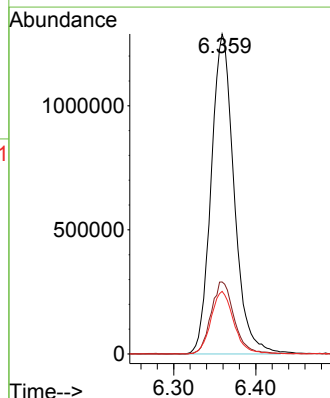
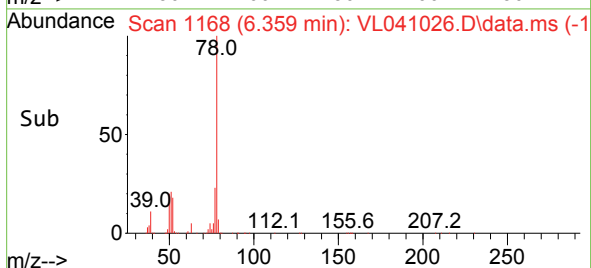
Tgt Ion:117 Resp: 2088953
Ion Ratio Lower Upper
117 100
119 97.3 76.9 115.3
121 32.4 24.7 37.1

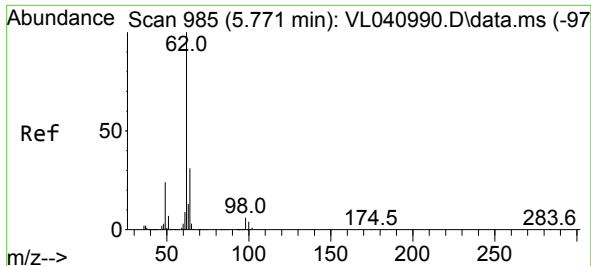


#36
Benzene
Concen: 10.138 ppbv
RT: 6.359 min Scan# 1168
Delta R.T. 0.003 min
Lab File: VL041026.D
Acq: 25 Jan 2024 12:14



Tgt Ion: 78 Resp: 2504267
Ion Ratio Lower Upper
78 100
77 22.5 19.0 28.4
50 19.6 15.8 23.6

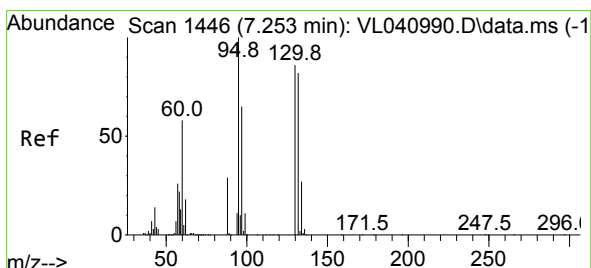
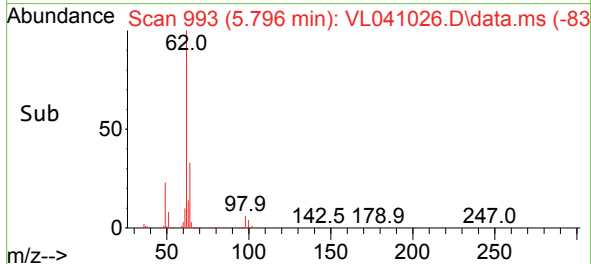
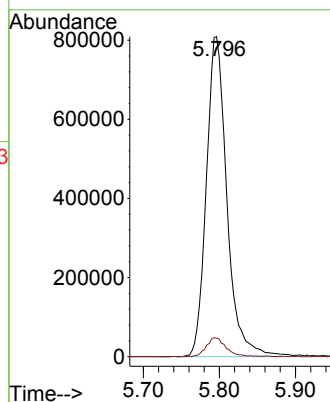
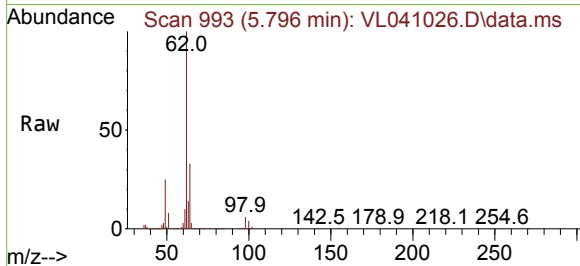




#37
1,2-Dichloroethane
Concen: 10.070 ppbv
RT: 5.796 min Scan# 91
Delta R.T. 0.003 min
Lab File: VL041026.D
Acq: 25 Jan 2024 12:14

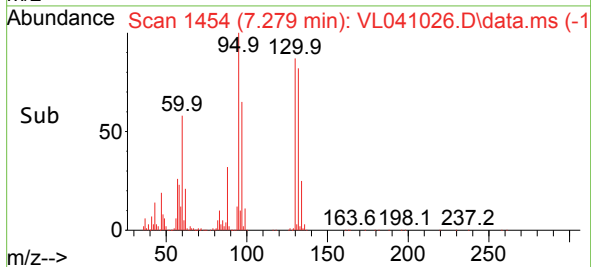
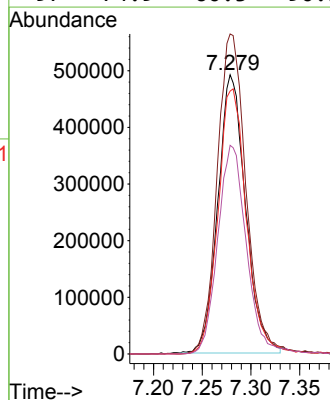
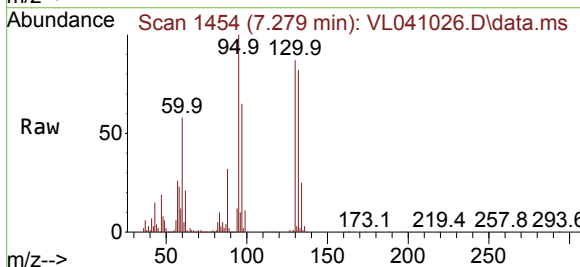
Instrument :
MSVOA_L
ClientSampleId :

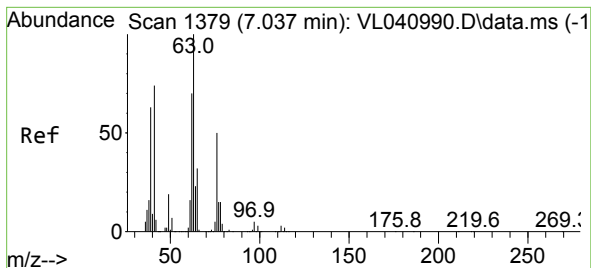
Tgt Ion: 62 Resp: 1518063
Ion Ratio Lower Upper
62 100
98 5.9 4.7 7.1



#38
Trichloroethene
Concen: 9.794 ppbv
RT: 7.279 min Scan# 1454
Delta R.T. -0.000 min
Lab File: VL041026.D
Acq: 25 Jan 2024 12:14

Tgt Ion:130 Resp: 969959
Ion Ratio Lower Upper
130 100
95 115.0 92.9 139.3
132 94.4 76.2 114.2
97 74.9 60.3 90.5





#39

1,2-Dichloropropane

Concen: 9.954 ppbv

RT: 7.060 min Scan# 11

Delta R.T. -0.003 min

Lab File: VL041026.D

Acq: 25 Jan 2024 12:14

Instrument :

MSVOA_L

ClientSampleId :

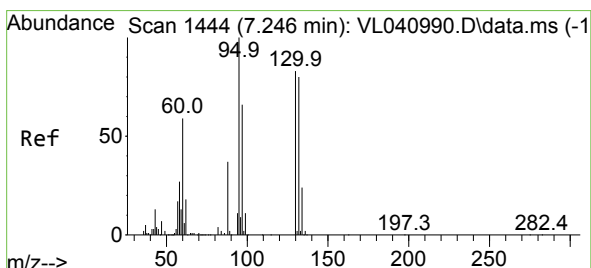
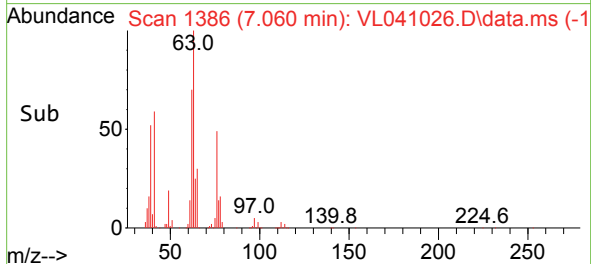
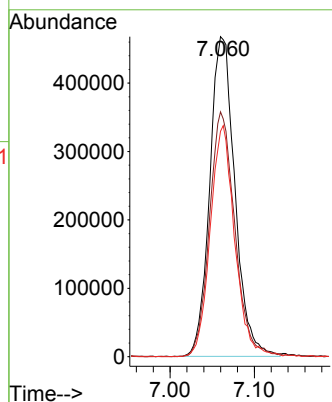
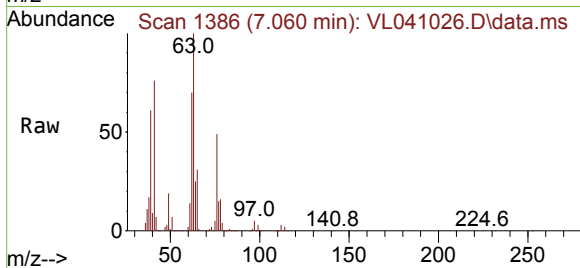
Tgt Ion: 63 Resp: 968681

Ion Ratio Lower Upper

63 100

41 76.4 59.6 89.4

62 70.4 55.6 83.4



#40

1,4-Dioxane

Concen: 10.247 ppbv

RT: 7.272 min Scan# 1452

Delta R.T. 0.003 min

Lab File: VL041026.D

Acq: 25 Jan 2024 12:14

Tgt Ion: 88 Resp: 414156

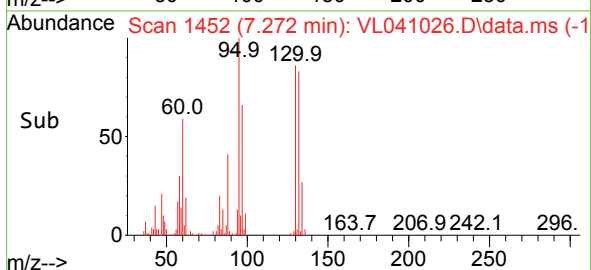
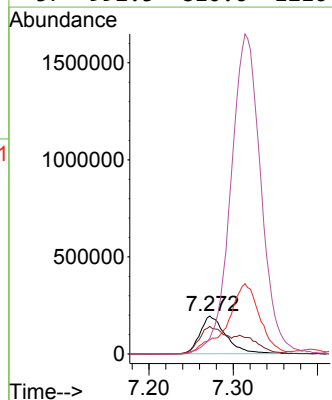
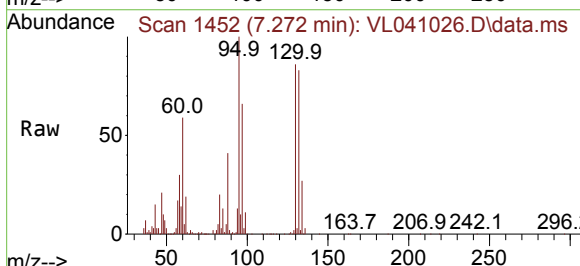
Ion Ratio Lower Upper

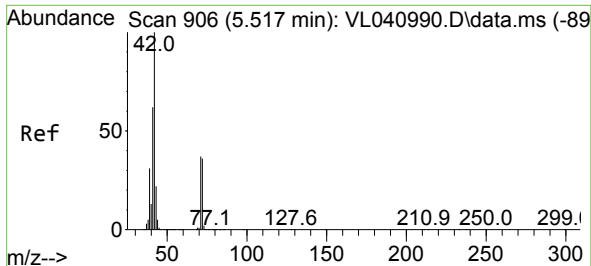
88 100

58 120.4 96.6 144.8

43 234.1 191.0 286.6

57 992.5 810.6 1216.0

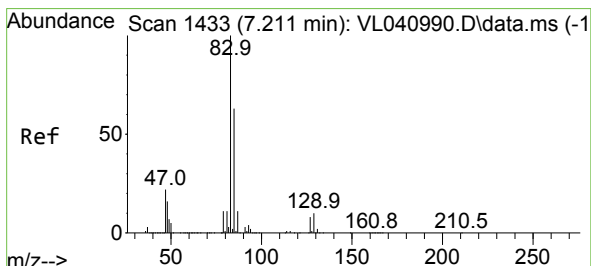
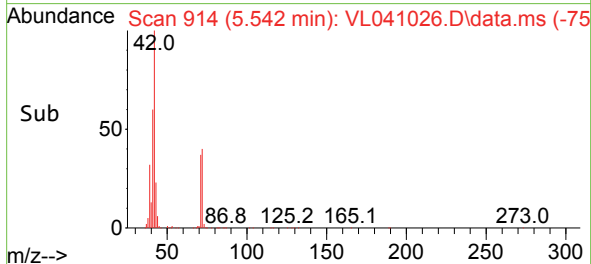
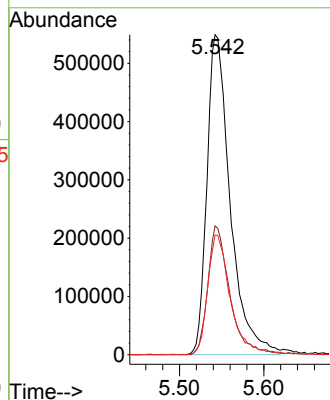
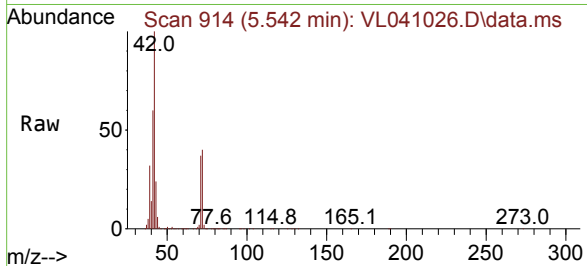




#41
Tetrahydrofuran
Concen: 10.894 ppbv
RT: 5.542 min Scan# 914
Delta R.T. -0.000 min
Lab File: VL041026.D
Acq: 25 Jan 2024 12:14

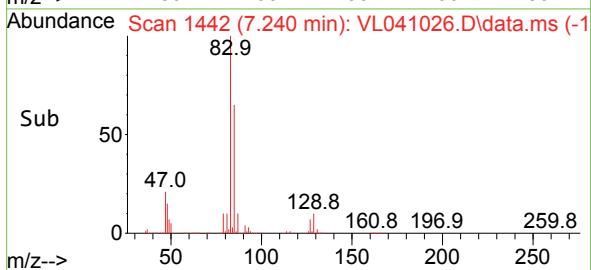
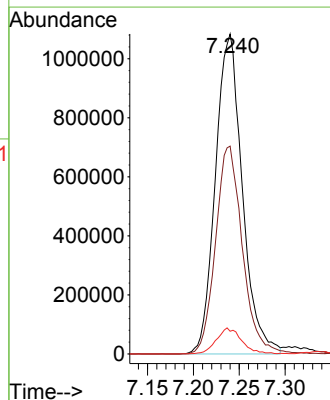
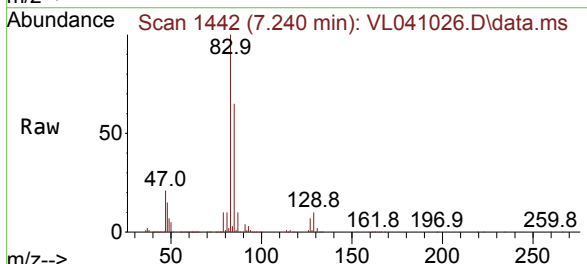
Instrument :
MSVOA_L
ClientSampleId :

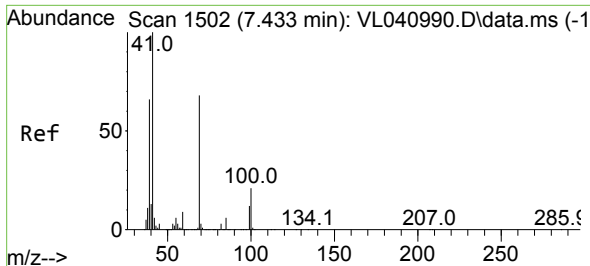
Tgt Ion: 42 Resp: 1053960
Ion Ratio Lower Upper
42 100
72 38.3 30.0 45.0
71 36.8 29.5 44.3



#42
Bromodichloromethane
Concen: 10.259 ppbv
RT: 7.240 min Scan# 1442
Delta R.T. 0.003 min
Lab File: VL041026.D
Acq: 25 Jan 2024 12:14

Tgt Ion: 83 Resp: 2212753
Ion Ratio Lower Upper
83 100
85 64.9 50.5 75.7
127 7.1 6.4 9.6



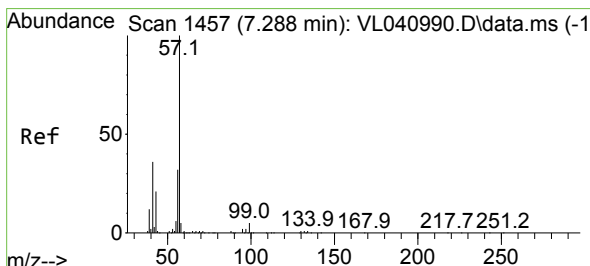
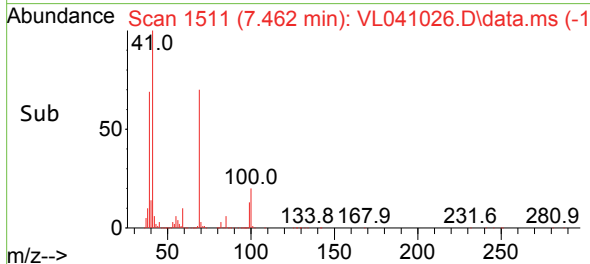
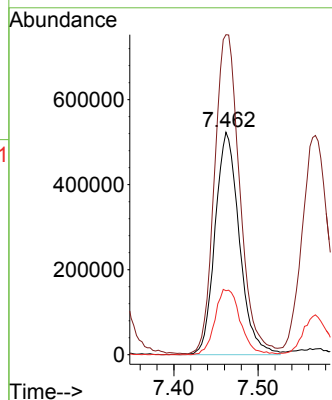
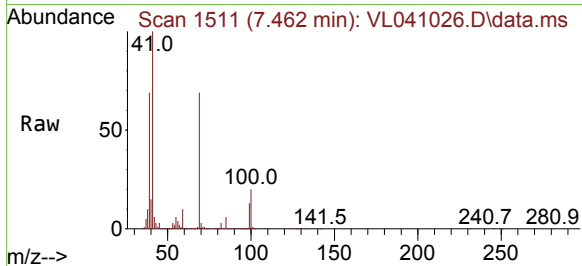


#43
Methyl Methacrylate
Concen: 10.970 ppbv
RT: 7.462 min Scan# 11
Delta R.T. -0.000 min
Lab File: VL041026.D
Acq: 25 Jan 2024 12:14

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 69 Resp: 1045708

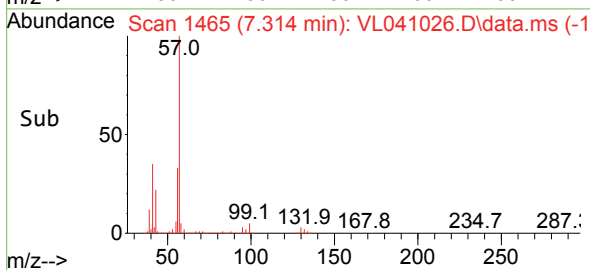
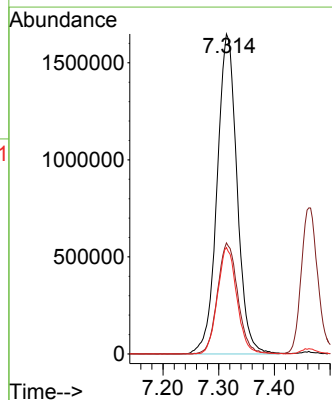
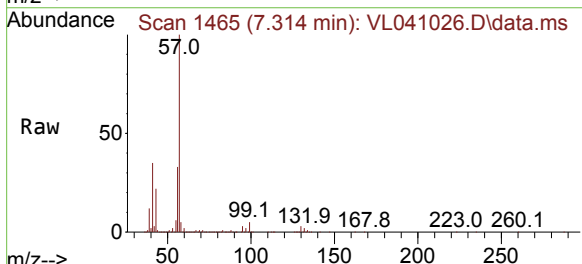
Ion	Ratio	Lower	Upper
69	100		
41	149.6	120.2	180.2
100	30.6	24.6	36.8

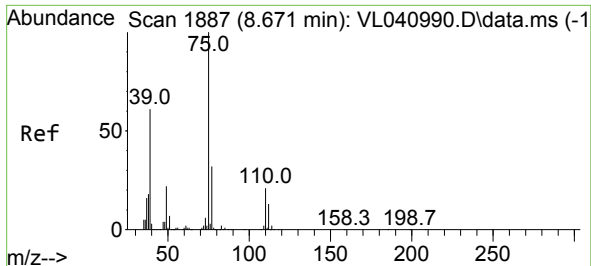


#44
2,2,4-Trimethylpentane
Concen: 9.881 ppbv
RT: 7.314 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VL041026.D
Acq: 25 Jan 2024 12:14

Tgt Ion: 57 Resp: 4106810

Ion	Ratio	Lower	Upper
57	100		
41	35.4	28.6	43.0
56	32.3	25.2	37.8

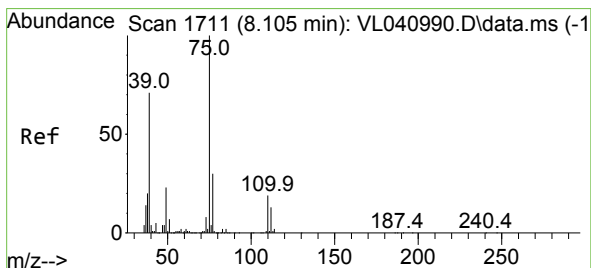
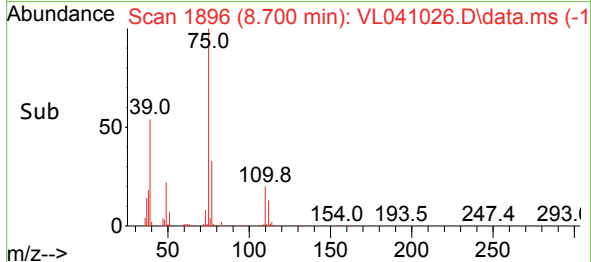
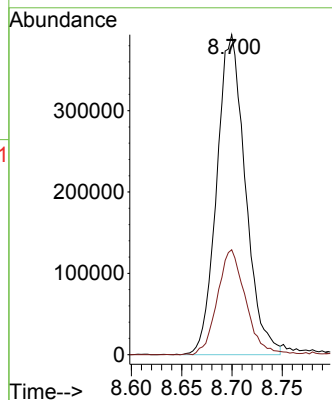
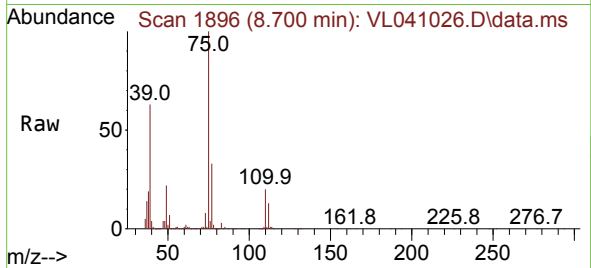




#45
 t-1,3-Dichloropropene
 Concen: 11.961 ppbv
 RT: 8.700 min Scan# 11
 Delta R.T. 0.003 min
 Lab File: VL041026.D
 Acq: 25 Jan 2024 12:14

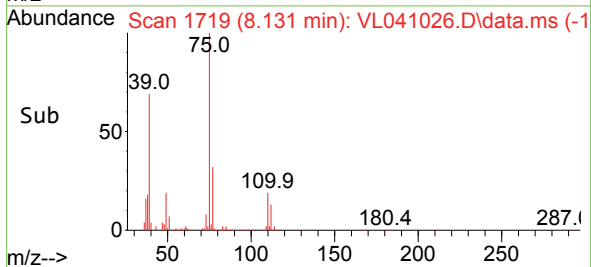
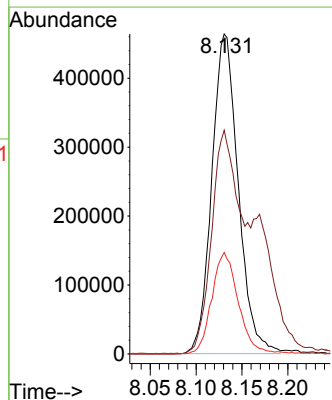
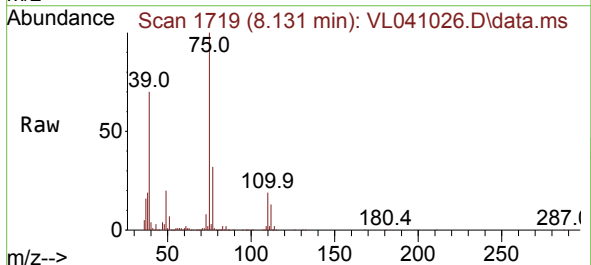
Instrument :
 MSVOA_L
 ClientSampleId :

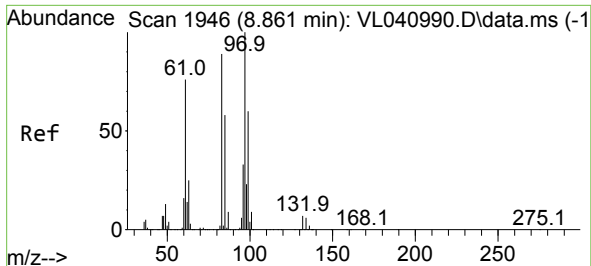
Tgt Ion: 75 Resp: 779009
 Ion Ratio Lower Upper
 75 100
 77 32.8 25.3 37.9



#46
 cis-1,3-Dichloropropene
 Concen: 11.456 ppbv
 RT: 8.131 min Scan# 1719
 Delta R.T. -0.000 min
 Lab File: VL041026.D
 Acq: 25 Jan 2024 12:14

Tgt Ion: 75 Resp: 930508
 Ion Ratio Lower Upper
 75 100
 39 69.8 57.3 85.9
 77 31.8 24.3 36.5





#47

1,1,2-Trichloroethane

Concen: 10.267 ppbv

RT: 8.889 min Scan# 1946

Delta R.T. -0.000 min

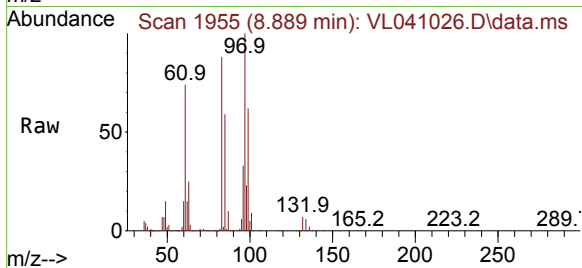
Lab File: VL041026.D

Acq: 25 Jan 2024 12:14

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion: 97 Resp: 1076908

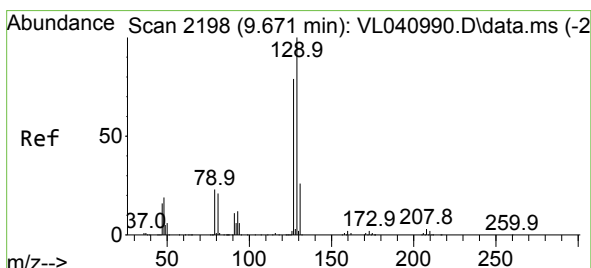
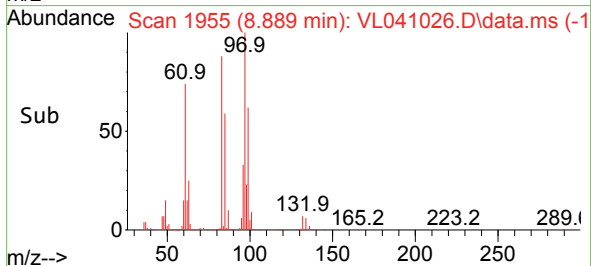
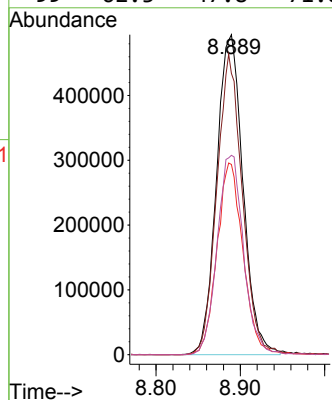
Ion Ratio Lower Upper

97 100

83 87.9 71.5 107.3

85 59.4 46.1 69.1

99 62.3 47.8 71.8



#48

Dibromochloromethane

Concen: 10.650 ppbv

RT: 9.700 min Scan# 2207

Delta R.T. 0.003 min

Lab File: VL041026.D

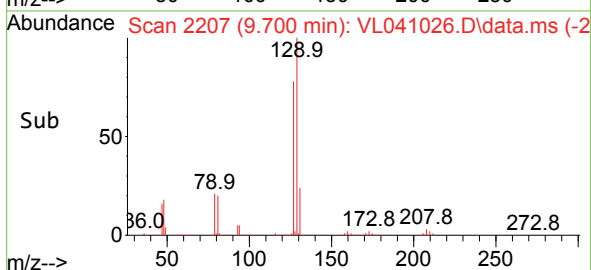
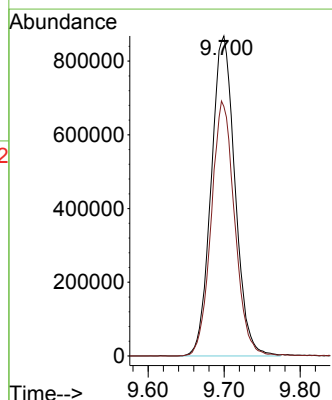
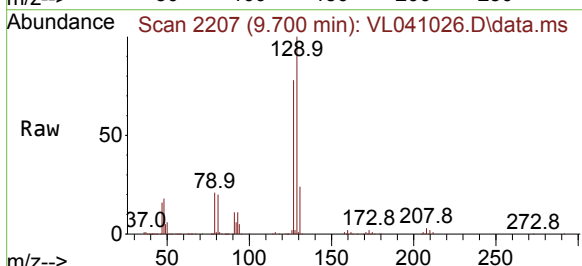
Acq: 25 Jan 2024 12:14

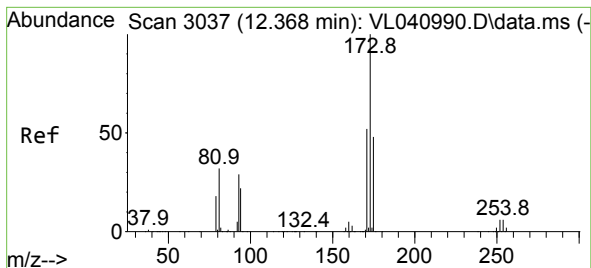
Tgt Ion: 129 Resp: 1888629

Ion Ratio Lower Upper

129 100

127 78.5 39.6 119.0





#49

Bromoform

Concen: 10.981 ppbv

RT: 12.394 min Scan# 3037

Delta R.T. 0.003 min

Lab File: VL041026.D

Acq: 25 Jan 2024 12:14

Instrument :

MSVOA_L

ClientSampleId :

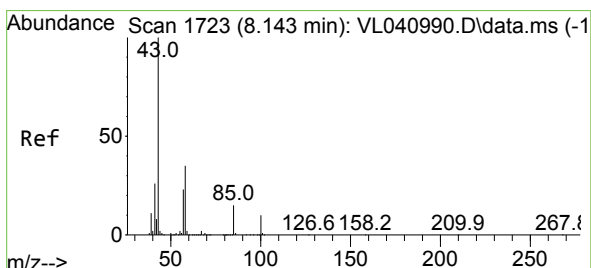
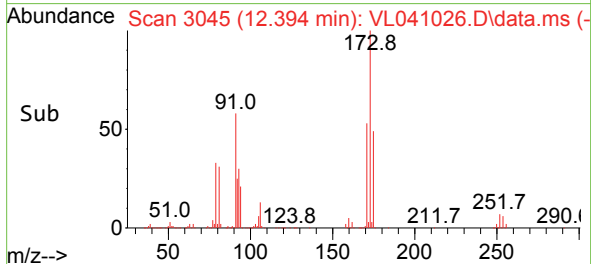
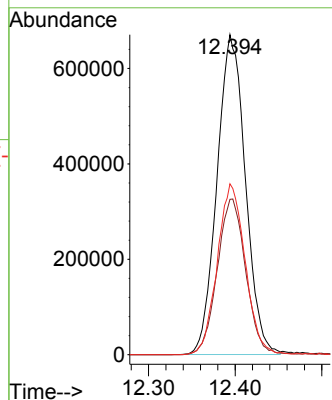
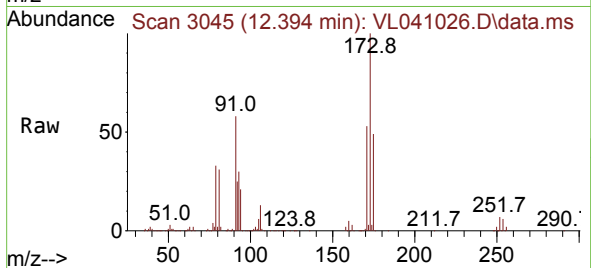
Tgt Ion:173 Resp: 1527404

Ion Ratio Lower Upper

173 100

175 48.8 39.0 58.4

171 52.5 42.0 63.0



#50

4-Methyl-2-Pentanone

Concen: 10.534 ppbv

RT: 8.169 min Scan# 1731

Delta R.T. -0.000 min

Lab File: VL041026.D

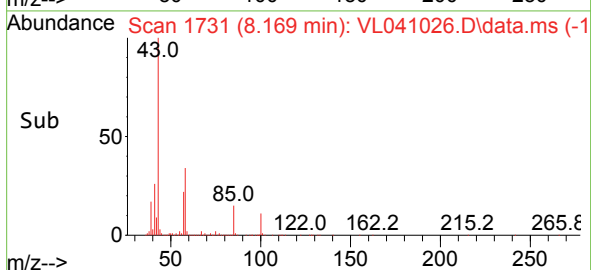
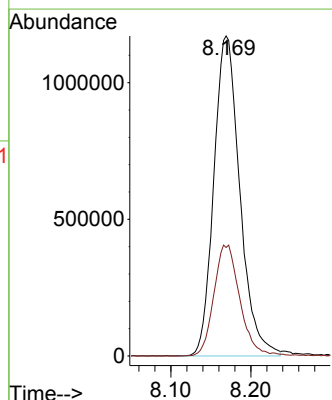
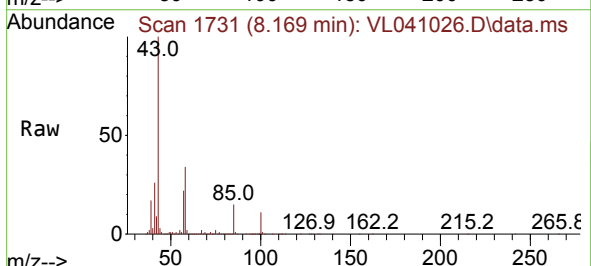
Acq: 25 Jan 2024 12:14

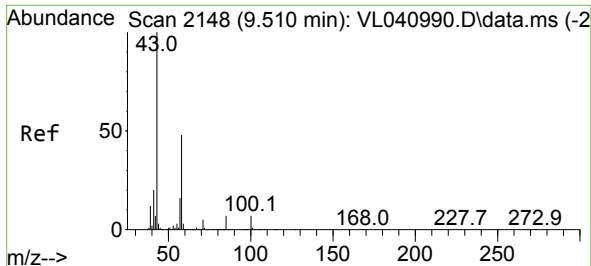
Tgt Ion: 43 Resp: 2643507

Ion Ratio Lower Upper

43 100

58 35.0 27.8 41.8

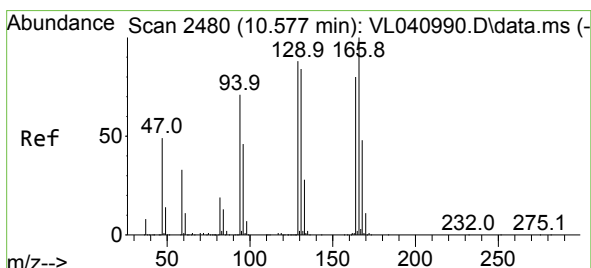
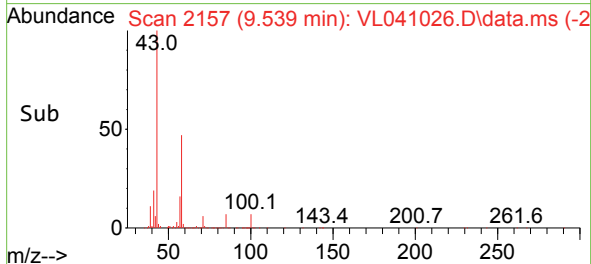
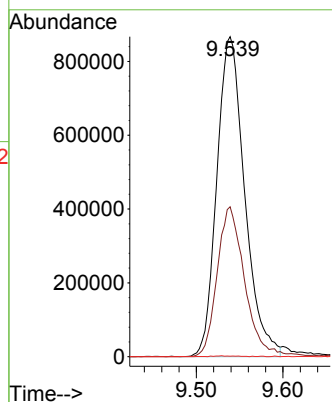
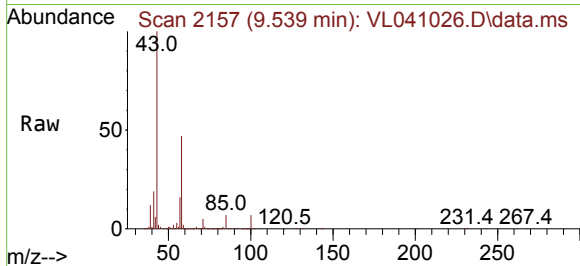




#51
2-Hexanone
Concen: 10.706 ppbv
RT: 9.539 min Scan# 2148
Delta R.T. 0.003 min
Lab File: VL041026.D
Acq: 25 Jan 2024 12:14

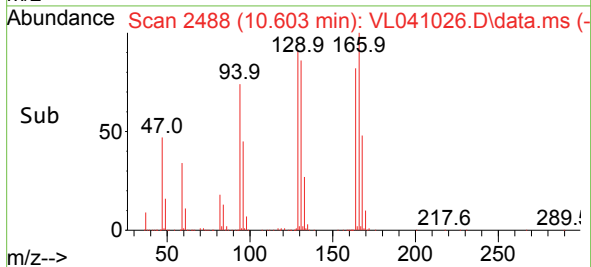
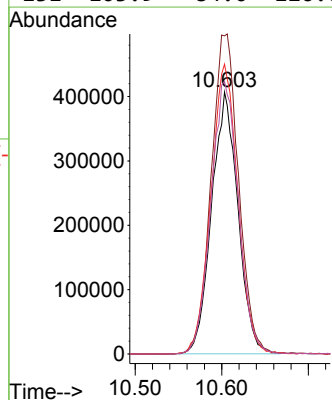
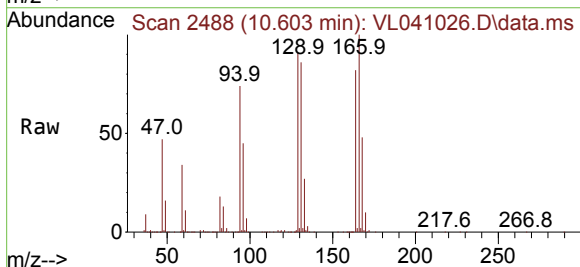
Instrument :
MSVOA_L
ClientSampleId :

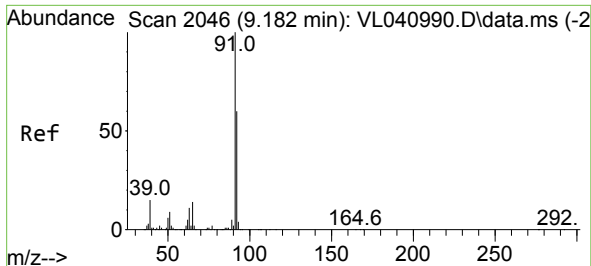
Tgt Ion: 43 Resp: 1936639
Ion Ratio Lower Upper
43 100
58 46.7 36.8 55.2
98 0.3 0.3 0.5



#52
Tetrachloroethene
Concen: 10.459 ppbv
RT: 10.603 min Scan# 2488
Delta R.T. -0.000 min
Lab File: VL041026.D
Acq: 25 Jan 2024 12:14

Tgt Ion: 164 Resp: 857983
Ion Ratio Lower Upper
164 100
166 121.2 100.2 150.2
129 110.2 87.9 131.9
131 103.9 84.0 126.0

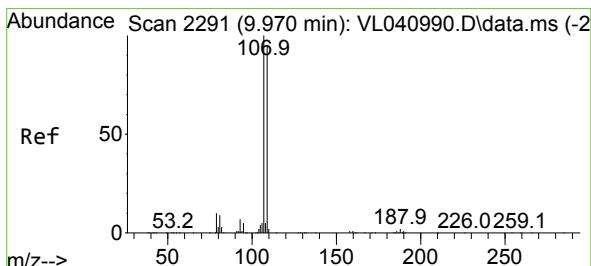
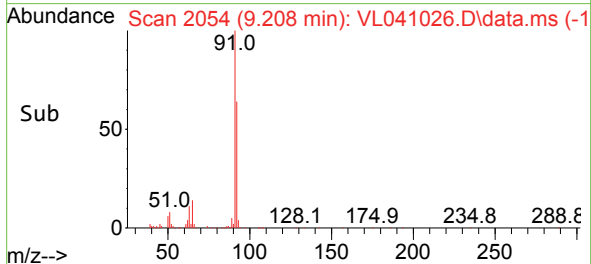
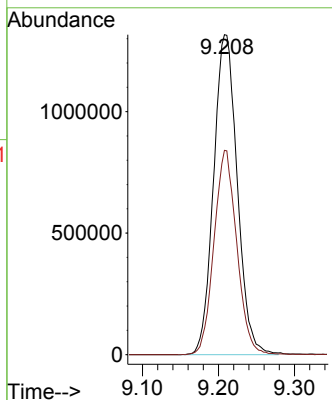
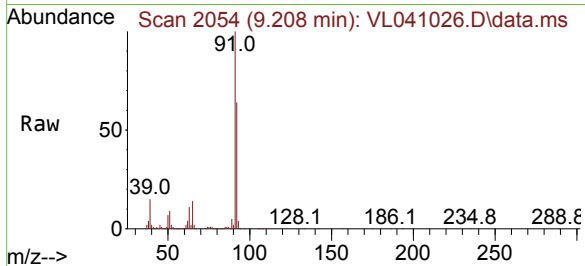




#53
Toluene
Concen: 10.517 ppbv
RT: 9.208 min Scan# 2046
Delta R.T. -0.000 min
Lab File: VL041026.D
Acq: 25 Jan 2024 12:14

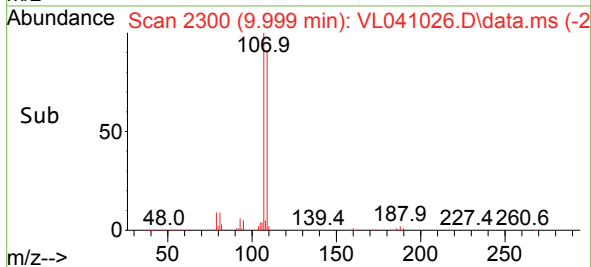
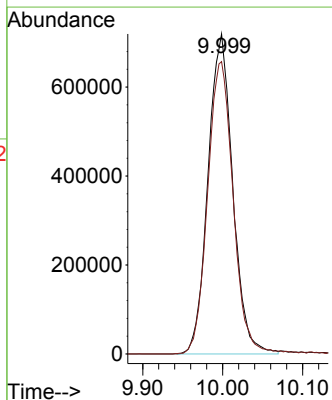
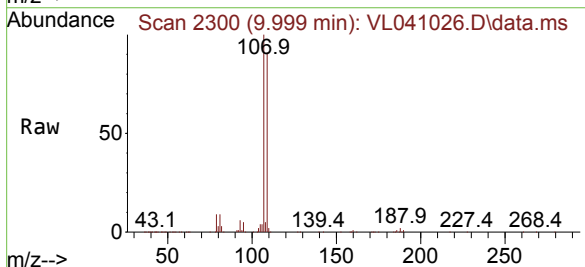
Instrument :
MSVOA_L
ClientSampleId :

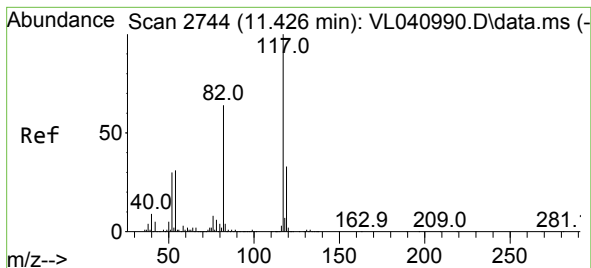
Tgt Ion: 91 Resp: 2845986
Ion Ratio Lower Upper
91 100
92 61.5 48.6 72.8



#54
1,2-Dibromoethane
Concen: 10.865 ppbv
RT: 9.999 min Scan# 2300
Delta R.T. 0.003 min
Lab File: VL041026.D
Acq: 25 Jan 2024 12:14

Tgt Ion: 107 Resp: 1543398
Ion Ratio Lower Upper
107 100
109 91.2 76.1 114.1

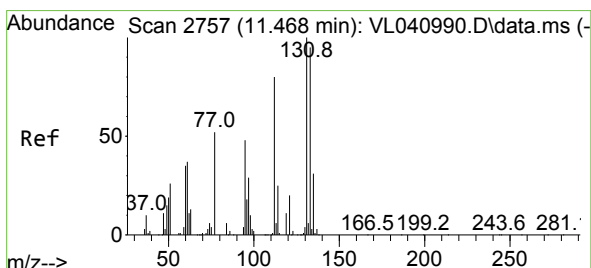
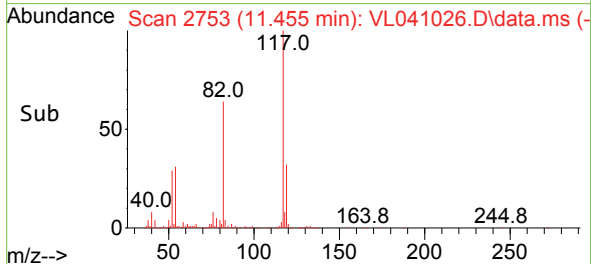
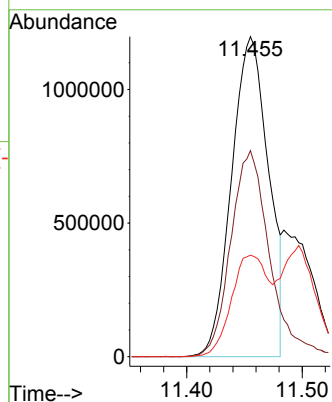
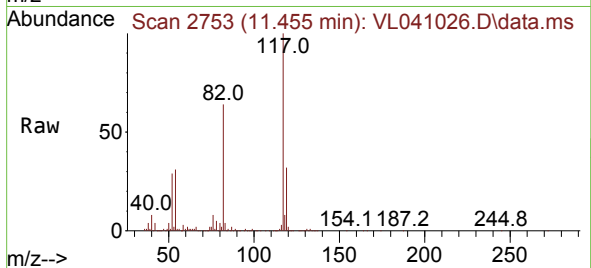




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.455 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL041026.D
Acq: 25 Jan 2024 12:14

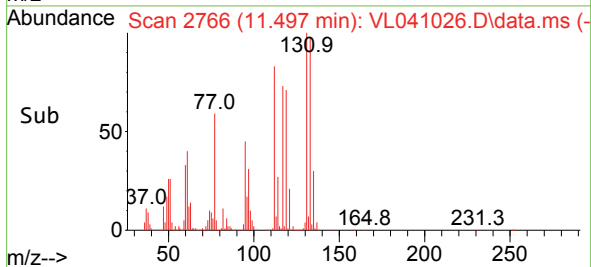
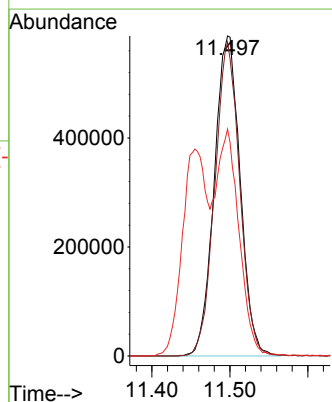
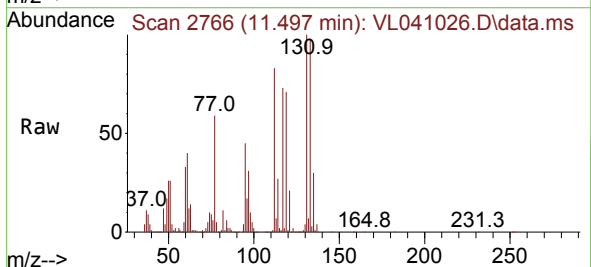
Instrument :
MSVOA_L
ClientSampleId :

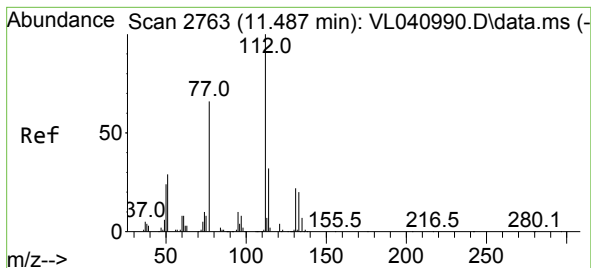
Tgt Ion:117 Resp: 2660623
Ion Ratio Lower Upper
117 100
82 68.2 51.7 77.5
119 31.7 23.8 35.6



#56
1,1,1,2-Tetrachloroethane
Concen: 10.602 ppbv
RT: 11.497 min Scan# 2766
Delta R.T. 0.003 min
Lab File: VL041026.D
Acq: 25 Jan 2024 12:14

Tgt Ion:131 Resp: 1353440
Ion Ratio Lower Upper
131 100
133 94.7 75.9 113.9
119 61.1 49.2 73.8





#57

Chlorobenzene

Concen: 10.296 ppbv

RT: 11.513 min Scan# 21

Delta R.T. -0.000 min

Lab File: VL041026.D

Acq: 25 Jan 2024 12:14

Instrument :

MSVOA_L

ClientSampleId :

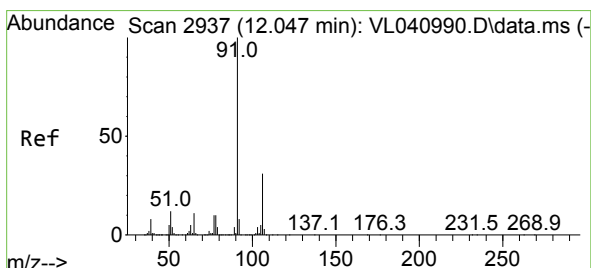
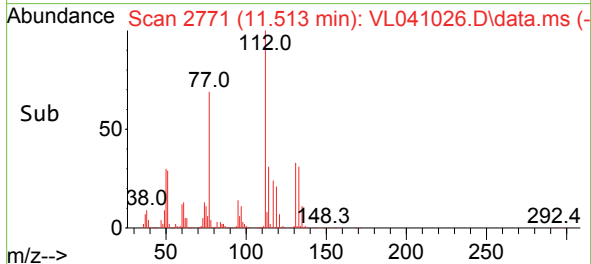
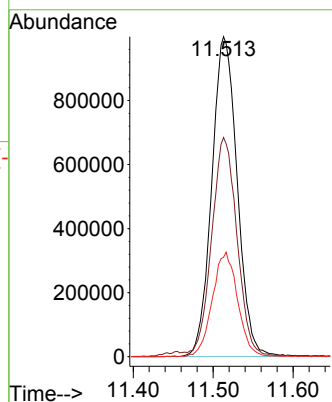
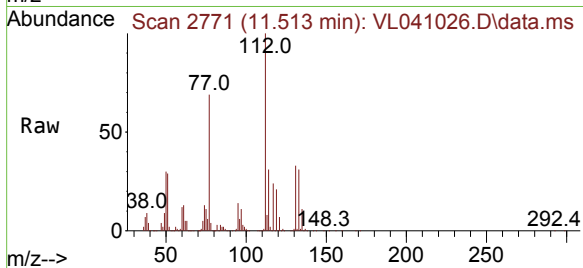
Tgt Ion:112 Resp: 2203607

Ion Ratio Lower Upper

112 100

77 68.1 53.4 80.0

114 31.0 29.1 35.5



#58

Ethyl Benzene

Concen: 10.829 ppbv

RT: 12.076 min Scan# 2946

Delta R.T. -0.000 min

Lab File: VL041026.D

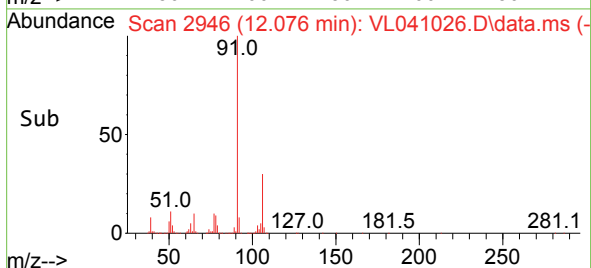
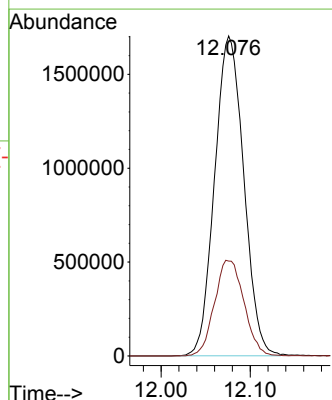
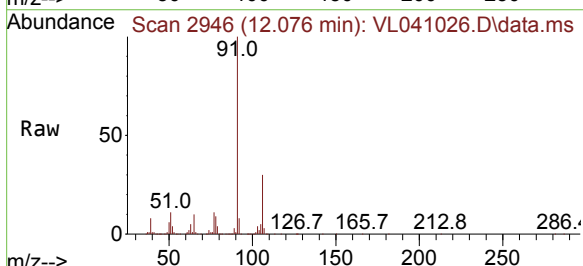
Acq: 25 Jan 2024 12:14

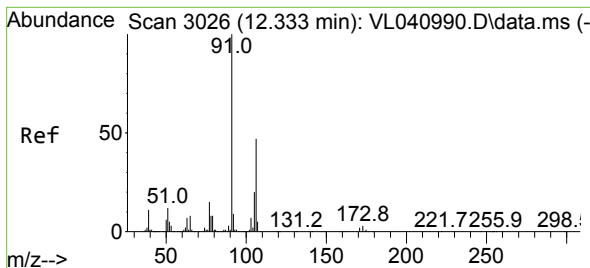
Tgt Ion: 91 Resp: 3868840

Ion Ratio Lower Upper

91 100

106 29.6 24.8 37.2





#59

m/p-Xylene

Concen: 10.484 ppbv

RT: 12.362 min Scan# 3026

Delta R.T. 0.003 min

Lab File: VL041026.D

Acq: 25 Jan 2024 12:14

Instrument :

MSVOA_L

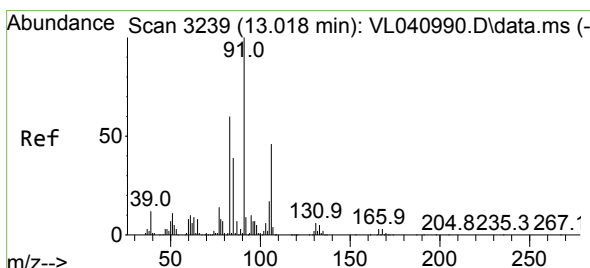
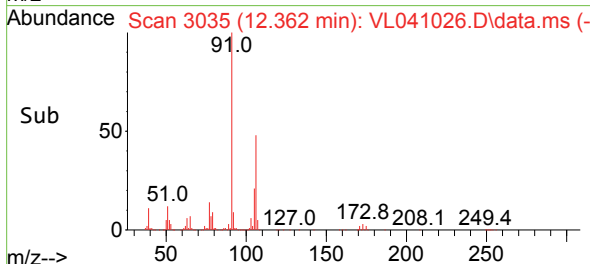
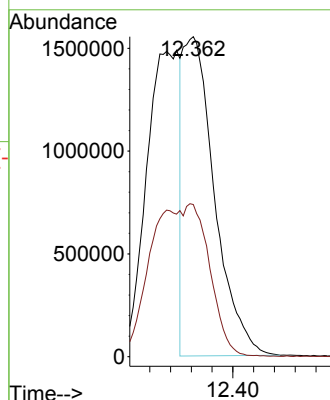
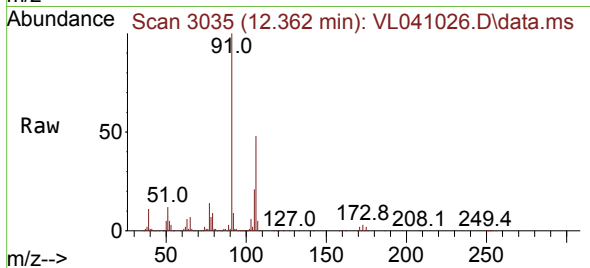
ClientSampleId :

Tgt Ion: 91 Resp: 3265897

Ion Ratio Lower Upper

91 100

106 89.2 34.9 52.3#



#60

o-Xylene

Concen: 10.609 ppbv

RT: 13.047 min Scan# 3248

Delta R.T. 0.003 min

Lab File: VL041026.D

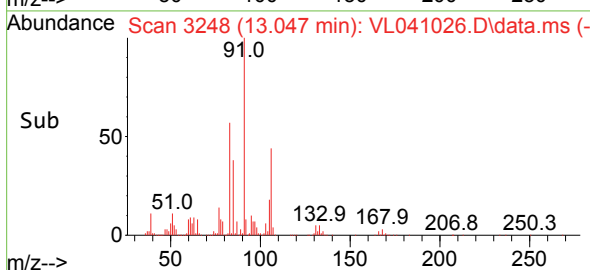
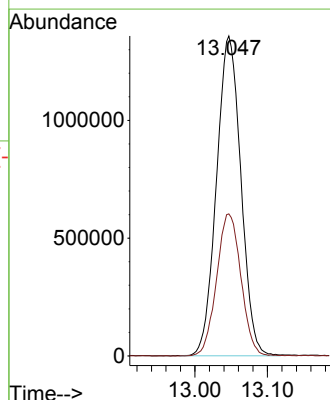
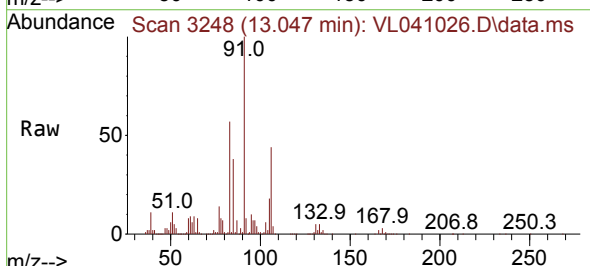
Acq: 25 Jan 2024 12:14

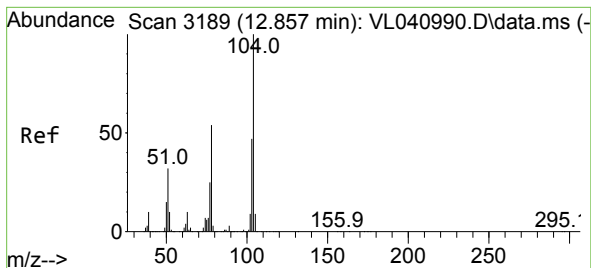
Tgt Ion: 91 Resp: 3170700

Ion Ratio Lower Upper

91 100

106 44.5 22.6 67.7





#61

Styrene

Concen: 12.022 ppbv

RT: 12.886 min Scan# 3189

Delta R.T. 0.003 min

Lab File: VL041026.D

Acq: 25 Jan 2024 12:14

Instrument :

MSVOA_L

ClientSampleId :

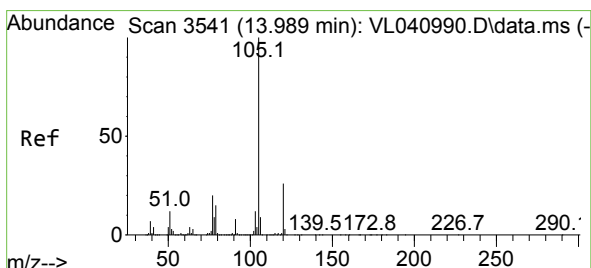
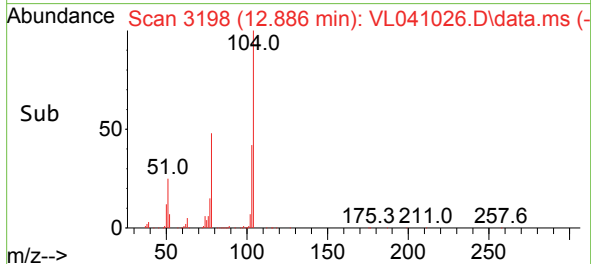
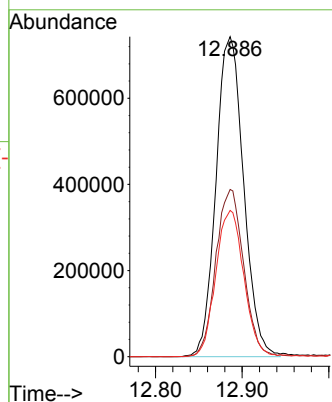
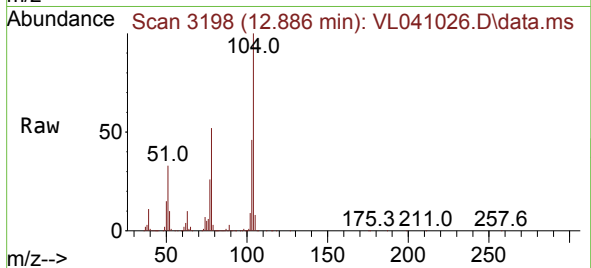
Tgt Ion:104 Resp: 1649862

Ion Ratio Lower Upper

104 100

78 52.6 42.7 64.1

103 46.7 37.6 56.4



#62

Isopropylbenzene

Concen: 10.358 ppbv

RT: 14.015 min Scan# 3549

Delta R.T. -0.000 min

Lab File: VL041026.D

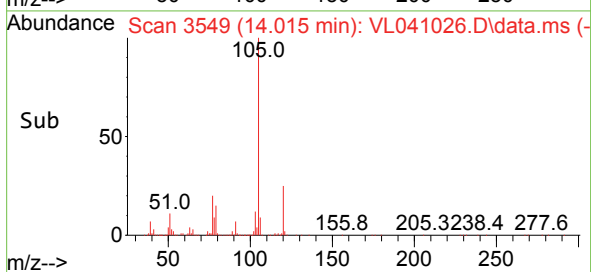
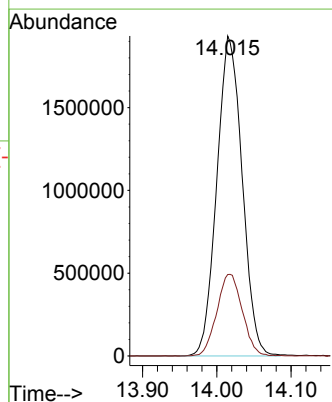
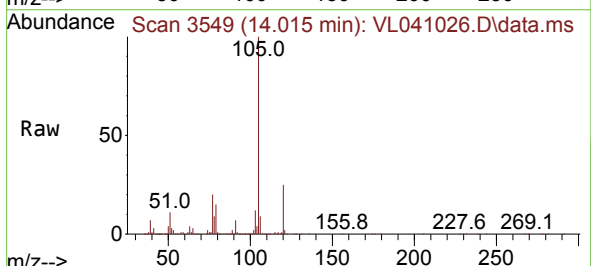
Acq: 25 Jan 2024 12:14

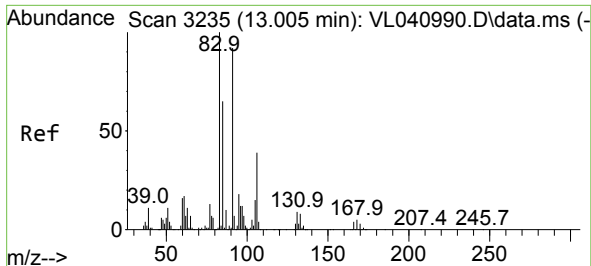
Tgt Ion:105 Resp: 4578241

Ion Ratio Lower Upper

105 100

120 25.7 20.9 31.3

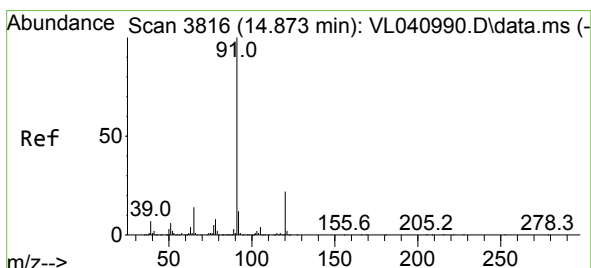
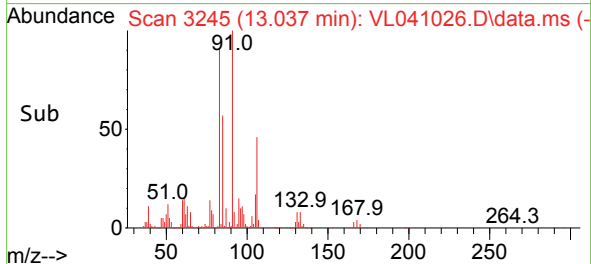
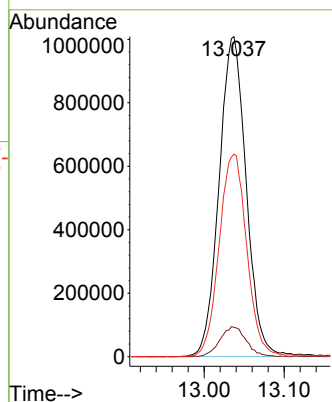
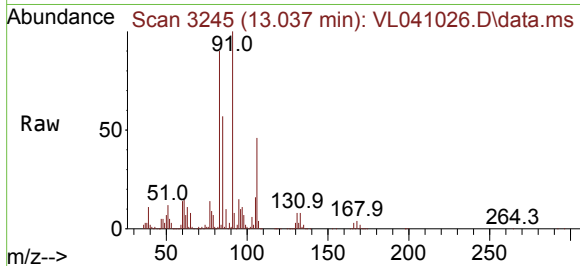




#63
1,1,2,2-Tetrachloroethane
Concen: 10.167 ppbv
RT: 13.037 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL041026.D
Acq: 25 Jan 2024 12:14

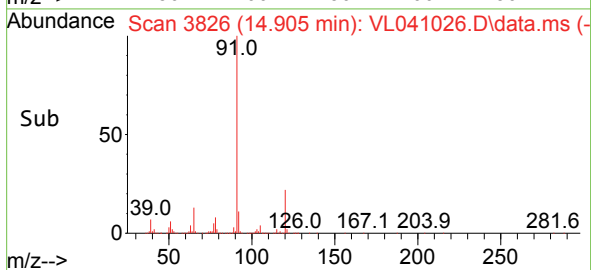
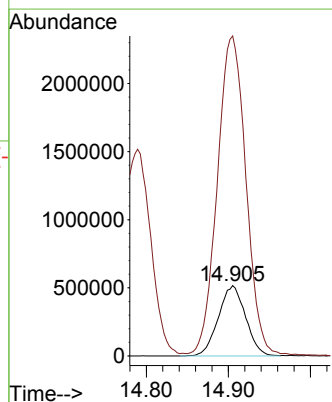
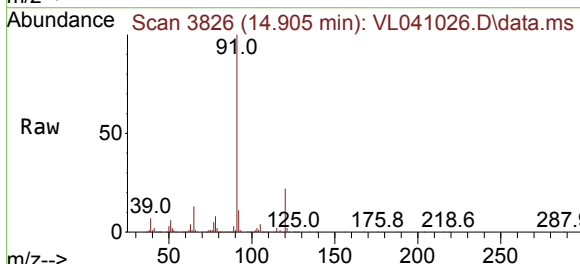
Instrument :
MSVOA_L
ClientSampleId :

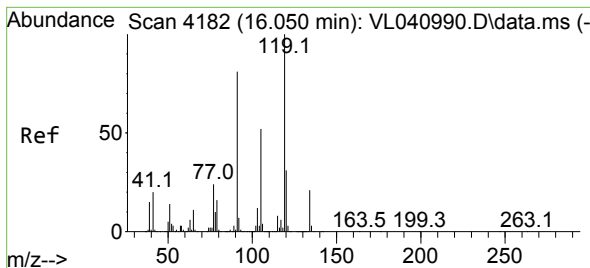
Tgt Ion: 83 Resp: 2361618
Ion Ratio Lower Upper
83 100
131 9.3 4.6 13.8
85 65.1 33.0 99.0



#64
n-propylbenzene
Concen: 10.676 ppbv
RT: 14.905 min Scan# 3826
Delta R.T. 0.003 min
Lab File: VL041026.D
Acq: 25 Jan 2024 12:14

Tgt Ion:120 Resp: 1192179
Ion Ratio Lower Upper
120 100
91 480.7 390.6 585.8





#65

tert-Butylbenzene

Concen: 10.470 ppbv

RT: 16.079 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL041026.D

Acq: 25 Jan 2024 12:14

Instrument :

MSVOA_L

ClientSampleId :

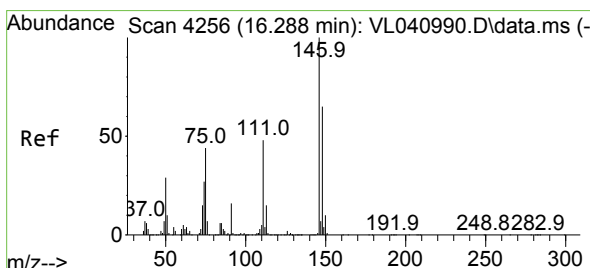
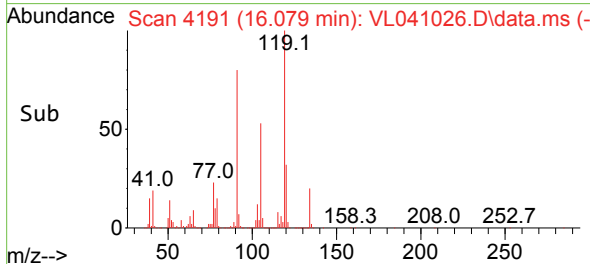
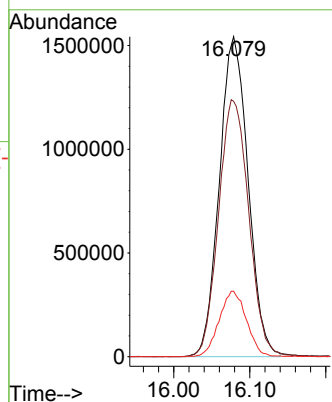
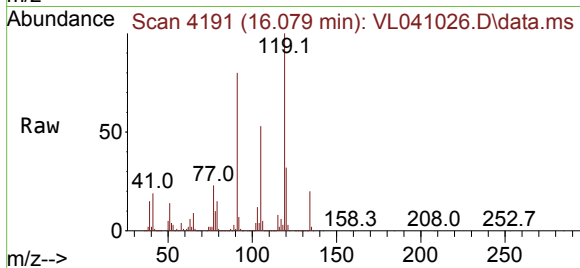
Tgt Ion:119 Resp: 4043221

Ion Ratio Lower Upper

119 100

91 84.7 67.6 101.4

134 19.6 16.1 24.1



#66

Benzyl Chloride

Concen: 6.738 ppbv

RT: 16.310 min Scan# 4263

Delta R.T. -0.003 min

Lab File: VL041026.D

Acq: 25 Jan 2024 12:14

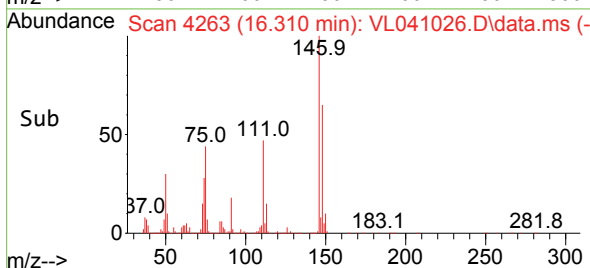
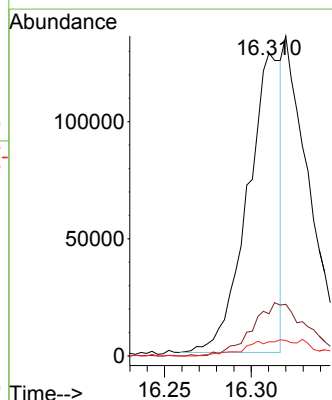
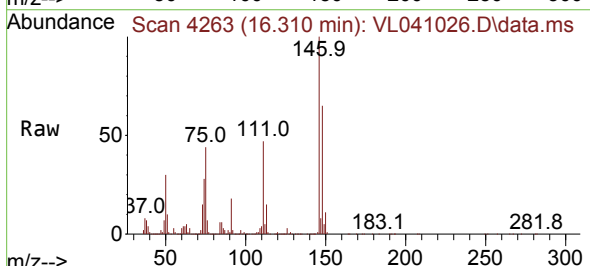
Tgt Ion: 91 Resp: 170519

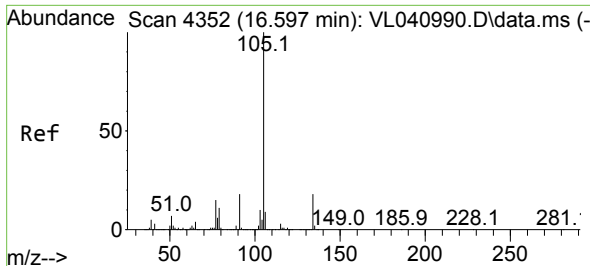
Ion Ratio Lower Upper

91 100

126 30.4 13.6 20.4#

128 0.0 4.2 6.2#

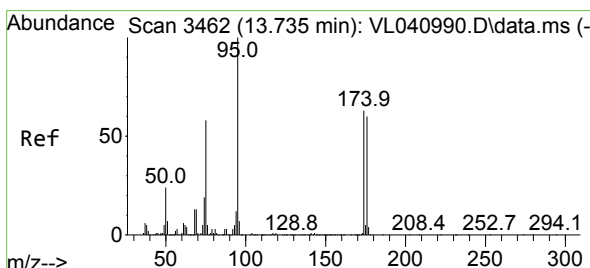
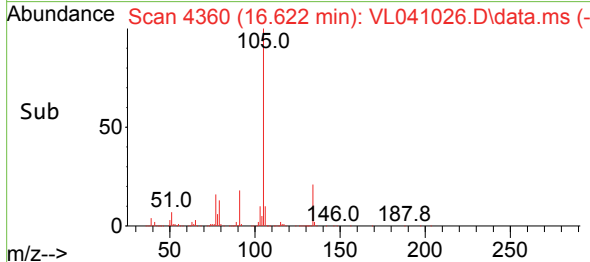
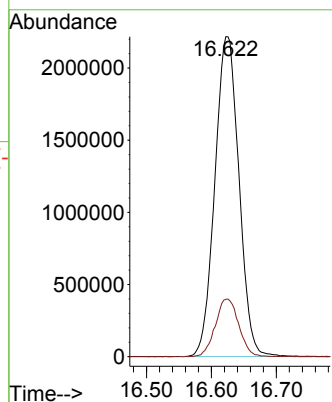
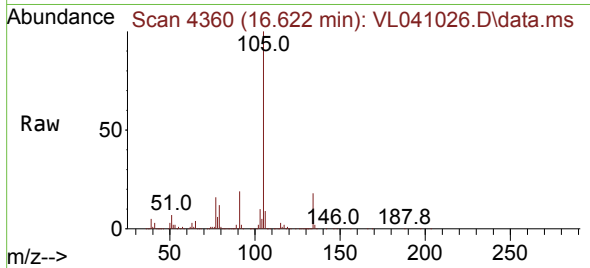




#67
 sec-Butylbenzene
 Concen: 10.135 ppbv
 RT: 16.622 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL041026.D
 Acq: 25 Jan 2024 12:14

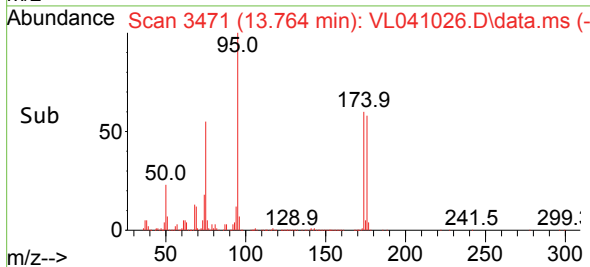
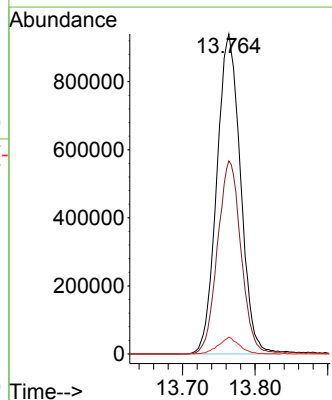
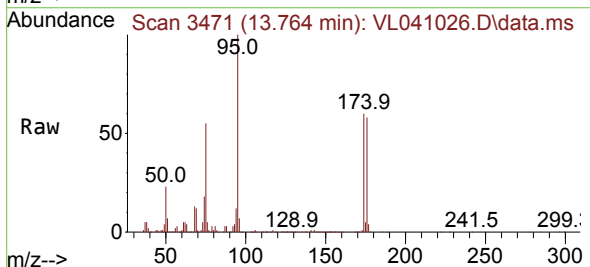
Instrument :
 MSVOA_L
 ClientSampleId :

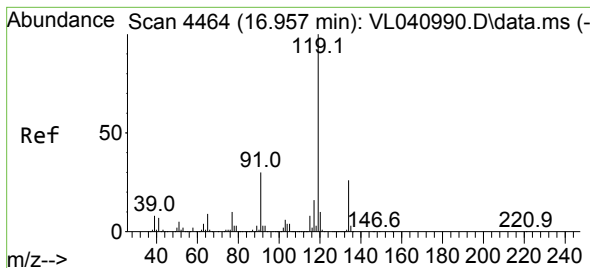
Tgt Ion:105 Resp: 5699088
 Ion Ratio Lower Upper
 105 100
 134 17.6 14.2 21.4



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.612 ppbv
 RT: 13.764 min Scan# 3471
 Delta R.T. -0.000 min
 Lab File: VL041026.D
 Acq: 25 Jan 2024 12:14

Tgt Ion: 95 Resp: 2132642
 Ion Ratio Lower Upper
 95 100
 174 60.4 49.1 73.7
 175 4.7 3.7 5.5





#69

p-Isopropyltoluene

Concen: 10.527 ppbv

RT: 16.982 min Scan# 4464

Delta R.T. 0.003 min

Lab File: VL041026.D

Acq: 25 Jan 2024 12:14

Instrument :

MSVOA_L

ClientSampleId :

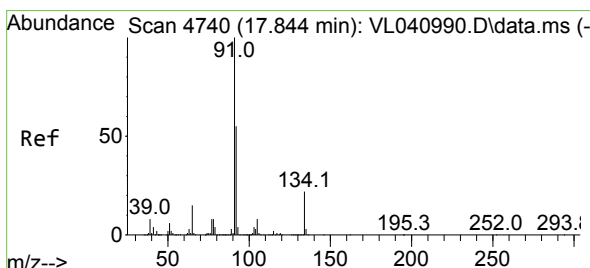
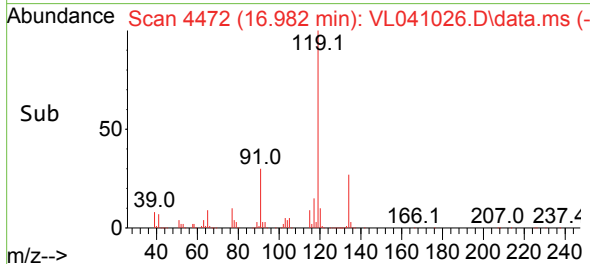
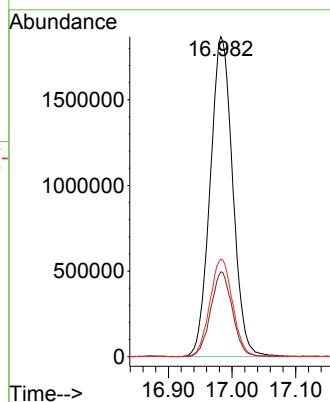
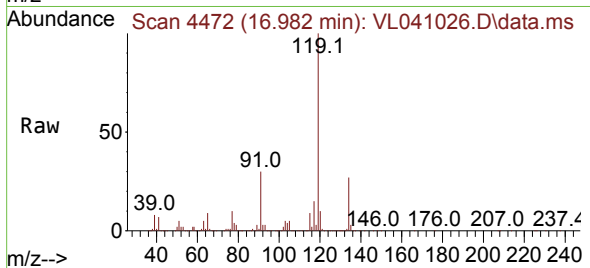
Tgt Ion:119 Resp: 4585157

Ion Ratio Lower Upper

119 100

134 25.7 20.6 30.8

91 31.0 24.5 36.7



#70

n-Butylbenzene

Concen: 10.421 ppbv

RT: 17.873 min Scan# 4749

Delta R.T. 0.003 min

Lab File: VL041026.D

Acq: 25 Jan 2024 12:14

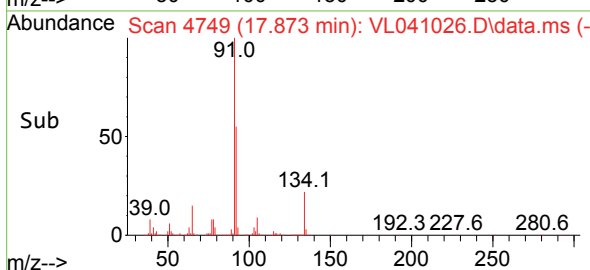
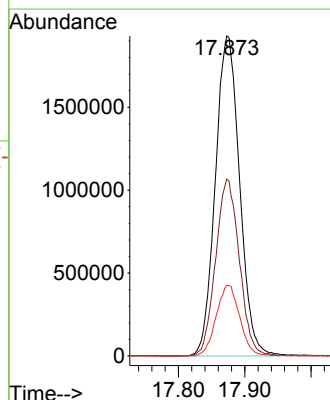
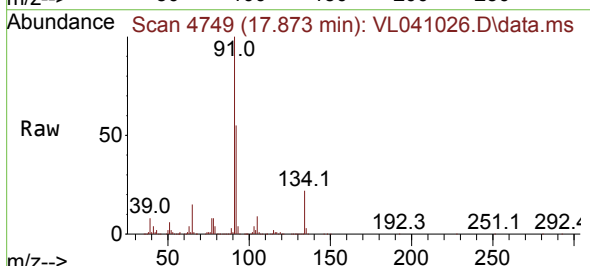
Tgt Ion: 91 Resp: 4904674

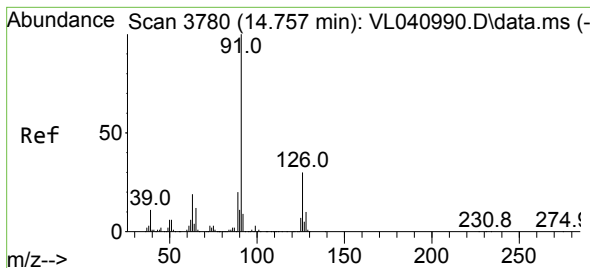
Ion Ratio Lower Upper

91 100

92 54.1 43.4 65.0

134 21.6 17.4 26.0





#71

2-Chlorotoluene

Concen: 10.480 ppbv

RT: 14.789 min Scan# 31

Delta R.T. 0.003 min

Lab File: VL041026.D

Acq: 25 Jan 2024 12:14

Instrument :

MSVOA_L

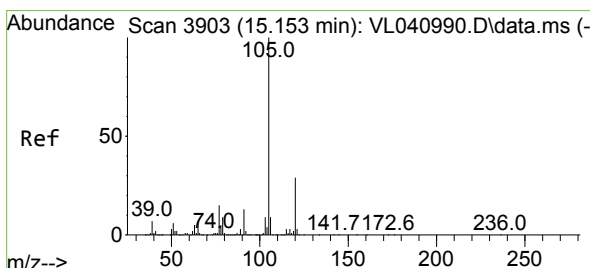
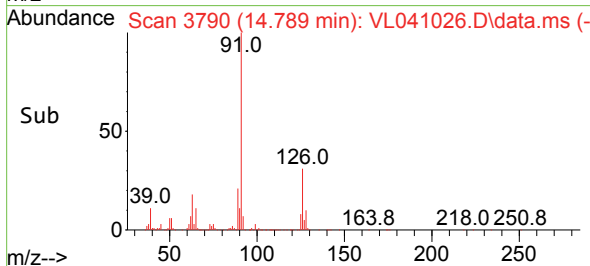
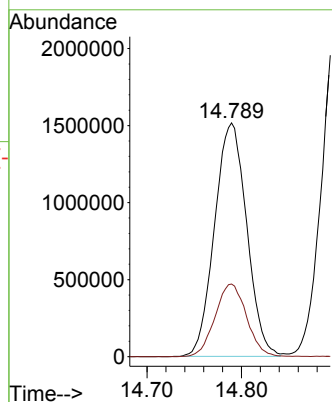
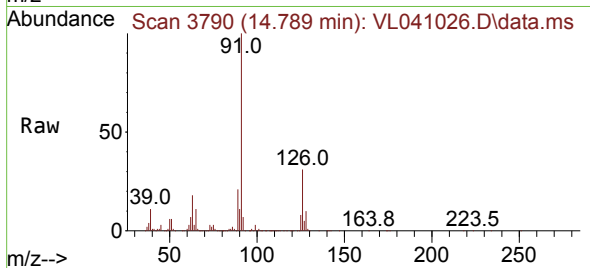
ClientSampleId :

Tgt Ion: 91 Resp: 3573998

Ion Ratio Lower Upper

91 100

126 30.7 12.3 49.1



#72

4-Ethyltoluene

Concen: 10.936 ppbv

RT: 15.182 min Scan# 3912

Delta R.T. 0.006 min

Lab File: VL041026.D

Acq: 25 Jan 2024 12:14

Tgt Ion: 105 Resp: 3650263

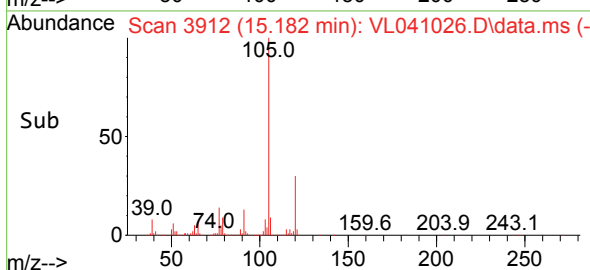
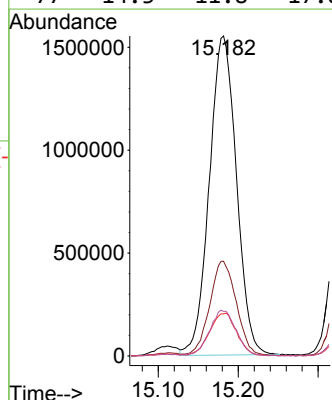
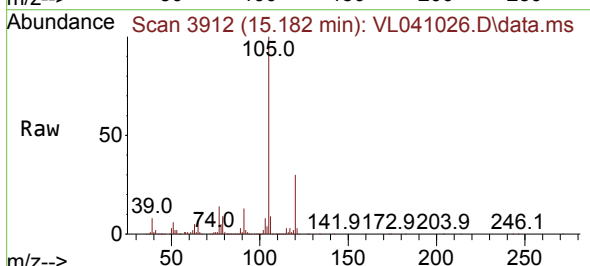
Ion Ratio Lower Upper

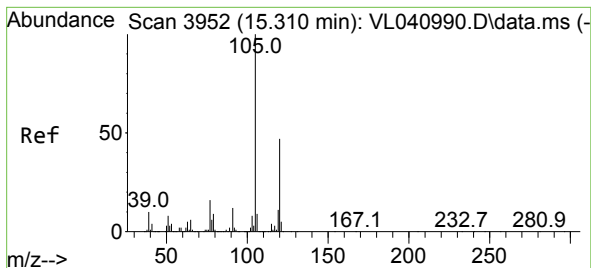
105 100

120 29.5 24.3 36.5

91 13.7 11.0 16.4

77 14.3 11.8 17.8





#73

1,3,5-Trimethylbenzene

Concen: 10.594 ppbv

RT: 15.339 min Scan# 3952

Delta R.T. -0.000 min

Lab File: VL041026.D

Acq: 25 Jan 2024 12:14

Instrument :

MSVOA_L

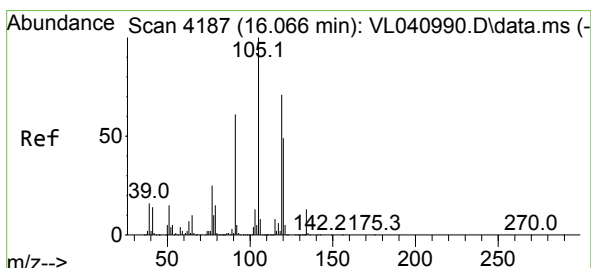
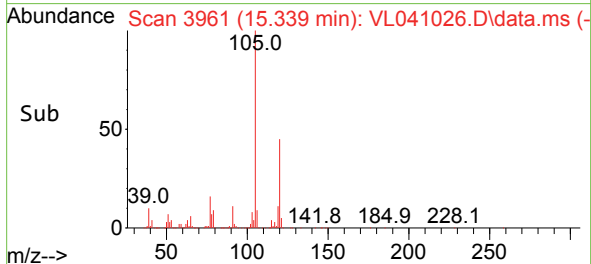
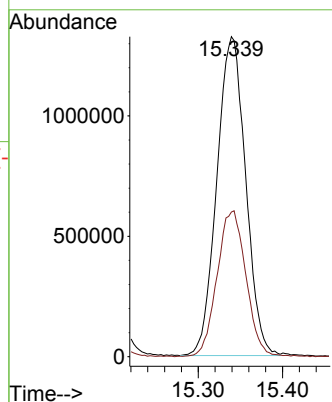
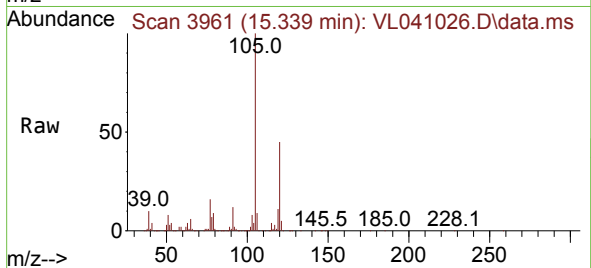
ClientSampleId :

Tgt Ion:105 Resp: 3138381

Ion Ratio Lower Upper

105 100

120 45.2 37.2 55.8



#74

1,2,4-Trimethylbenzene

Concen: 10.350 ppbv

RT: 16.098 min Scan# 4197

Delta R.T. 0.003 min

Lab File: VL041026.D

Acq: 25 Jan 2024 12:14

Tgt Ion:105 Resp: 3475771

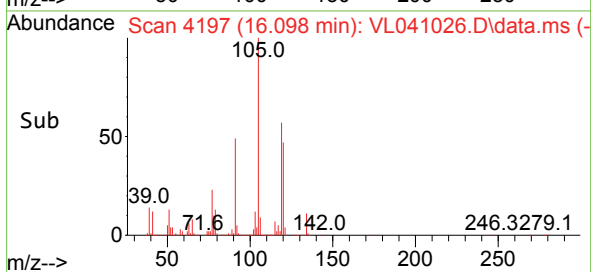
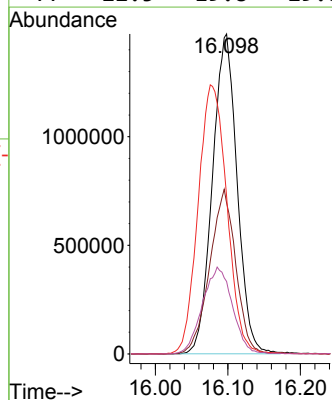
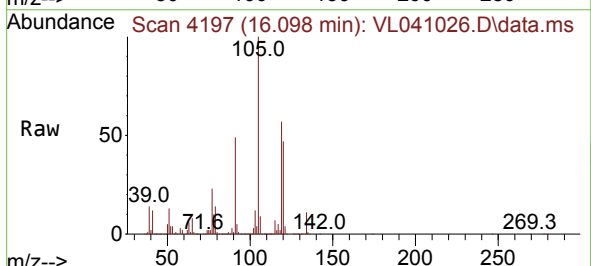
Ion Ratio Lower Upper

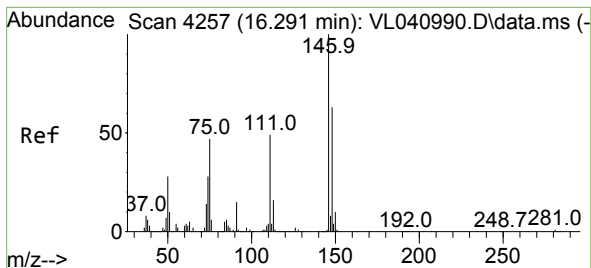
105 100

120 46.9 39.3 58.9

91 49.0 48.7 73.1

77 22.5 19.8 29.8





#75

1,3-Dichlorobenzene

Concen: 10.385 ppbv

RT: 16.320 min Scan# 4310

Delta R.T. 0.003 min

Lab File: VL041026.D

Acq: 25 Jan 2024 12:14

Instrument :

MSVOA_L

ClientSampleId :

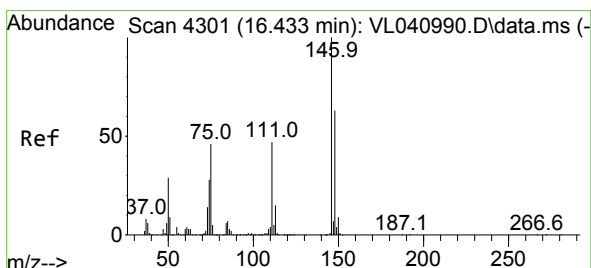
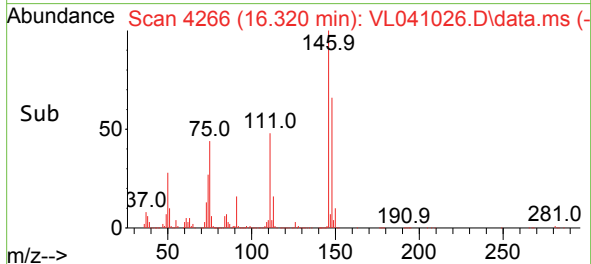
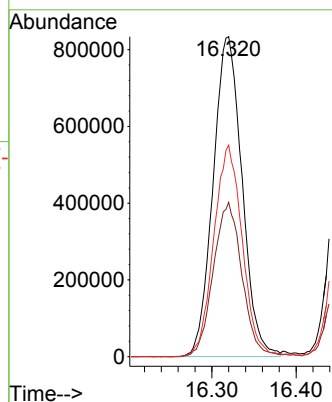
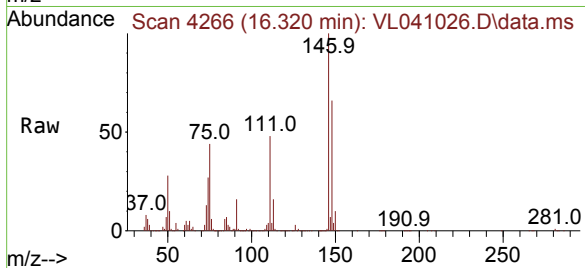
Tgt Ion:146 Resp: 1984829

Ion Ratio Lower Upper

146 100

111 48.0 24.4 73.2

148 65.4 32.5 97.4



#76

1,4-Dichlorobenzene

Concen: 10.309 ppbv

RT: 16.461 min Scan# 4310

Delta R.T. 0.003 min

Lab File: VL041026.D

Acq: 25 Jan 2024 12:14

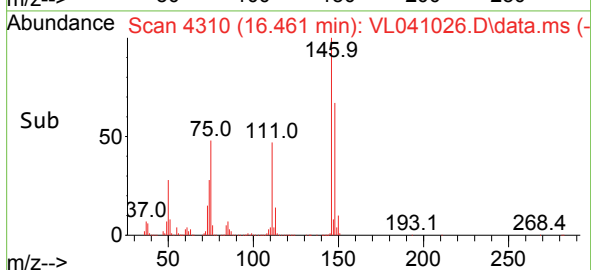
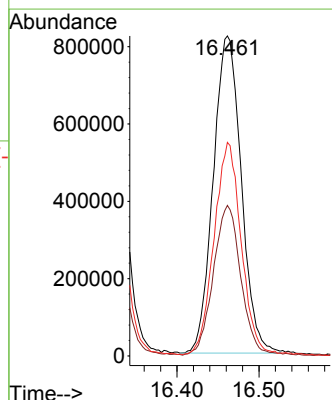
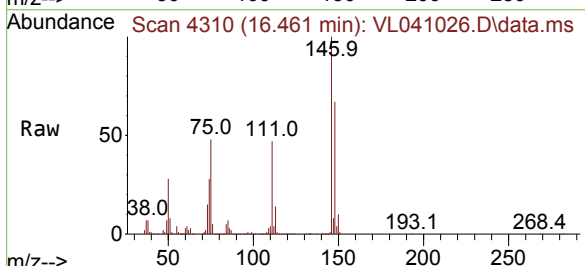
Tgt Ion:146 Resp: 1944220

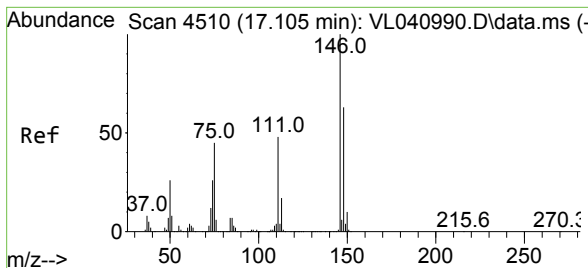
Ion Ratio Lower Upper

146 100

111 47.1 24.0 72.0

148 66.3 32.9 98.7





#77

1,2-Dichlorobenzene

Concen: 10.089 ppbv

RT: 17.130 min Scan# 4518

Delta R.T. 0.003 min

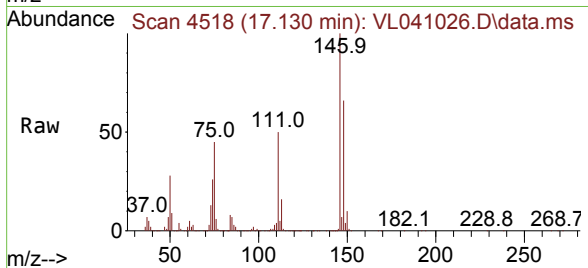
Lab File: VL041026.D

Acq: 25 Jan 2024 12:14

Instrument :

MSVOA_L

ClientSampleId :



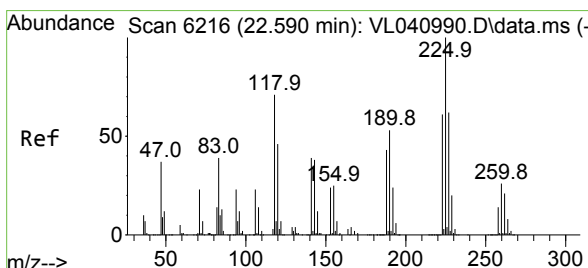
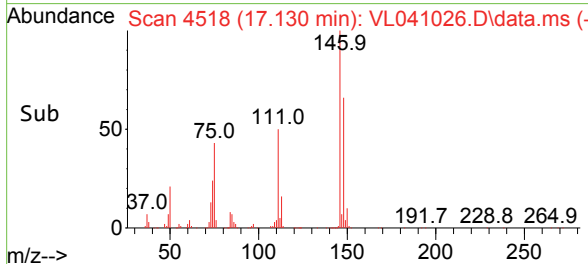
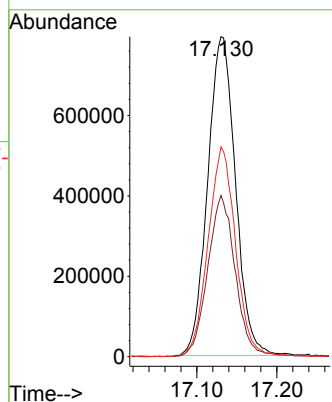
Tgt Ion:146 Resp: 1916496

Ion Ratio Lower Upper

146 100

111 50.4 24.8 74.3

148 65.5 31.8 95.3



#78

Hexachloro-1,3-Butadiene

Concen: 9.056 ppbv

RT: 22.616 min Scan# 6224

Delta R.T. -0.000 min

Lab File: VL041026.D

Acq: 25 Jan 2024 12:14

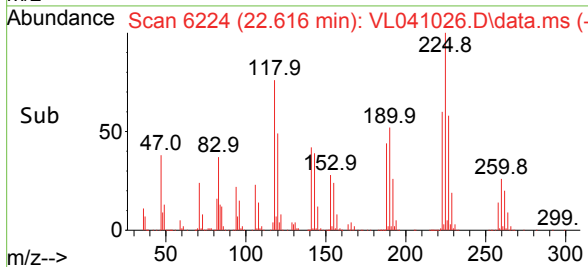
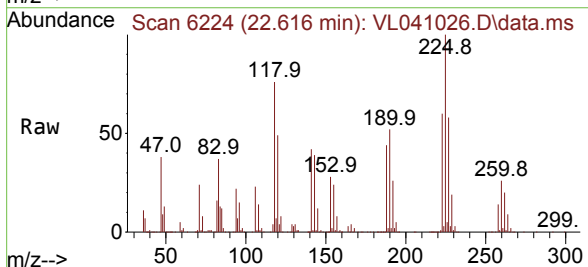
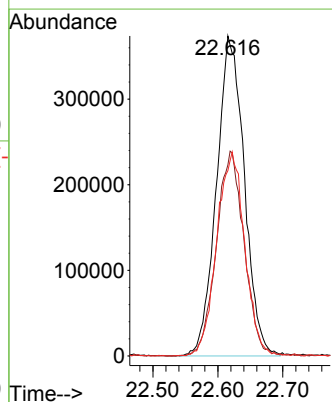
Tgt Ion:225 Resp: 1109418

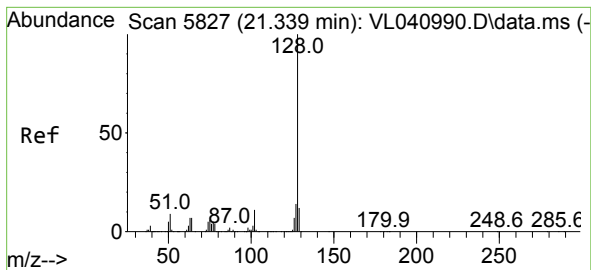
Ion Ratio Lower Upper

225 100

223 64.1 51.1 76.7

227 64.5 51.0 76.4





#79

Naphthalene

Concen: 13.500 ppbv

RT: 21.371 min Scan# 5837

Delta R.T. 0.006 min

Lab File: VL041026.D

Acq: 25 Jan 2024 12:14

Instrument :

MSVOA_L

ClientSampleId :

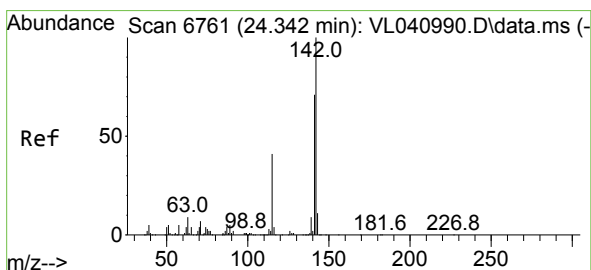
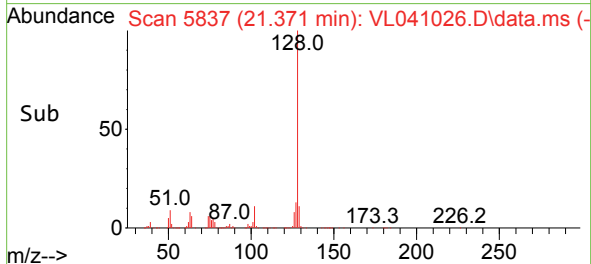
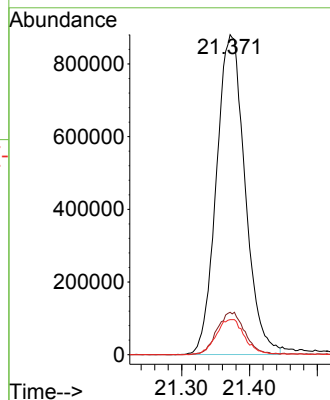
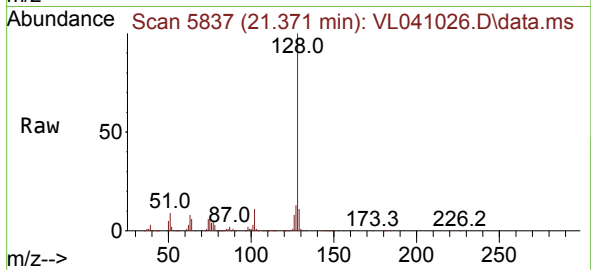
Tgt Ion:128 Resp: 2586206

Ion Ratio Lower Upper

128 100

127 13.3 10.9 16.3

129 11.0 9.3 13.9



#80

Naphthalene,2-methyl-

Concen: 18.225 ppbv

RT: 24.368 min Scan# 6769

Delta R.T. 0.006 min

Lab File: VL041026.D

Acq: 25 Jan 2024 12:14

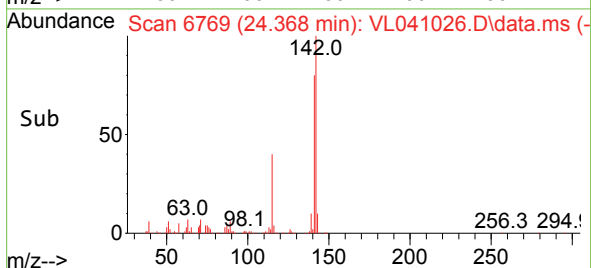
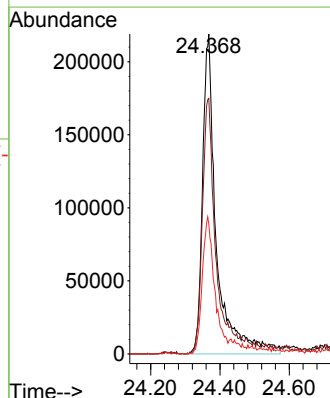
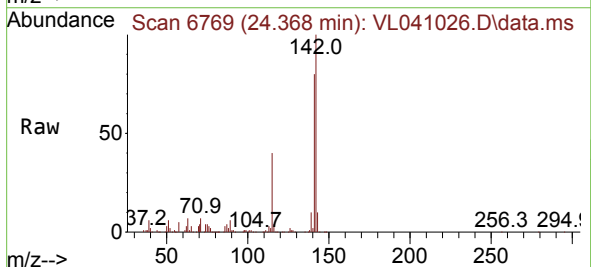
Tgt Ion:142 Resp: 613215

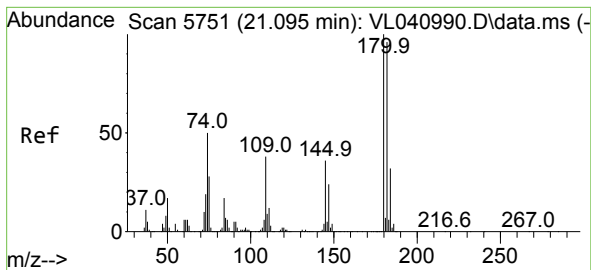
Ion Ratio Lower Upper

142 100

141 79.9 62.7 94.1

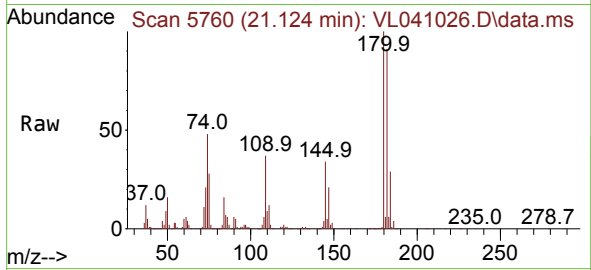
115 42.9 34.0 51.0





#81
 1,2,4-Trichlorobenzene
 Concen: 5.589 ppbv
 RT: 21.124 min Scan# 51
 Delta R.T. 0.003 min
 Lab File: VL041026.D
 Acq: 25 Jan 2024 12:14

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion:180 Resp: 624645
 Ion Ratio Lower Upper
 180 100
 182 0.0 78.6 118.0#
 184 0.0 24.4 36.6#

