

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL082124\
 Data File : VL041561.D
 Acq On : 21 Aug 2024 10:27
 Operator : SY/MD
 Sample : VL0821ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Aug 22 01:08:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Aug 22 01:05:17 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.195	49	1053472	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2802483	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	3223216	10.000	ppbv	# 0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.767	95	2080113	8.386	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	83.900%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.742	85	1222251	6.744	ppbv	100
3) Chlorodifluoromethane	2.687	51	1012711	8.075	ppbv	99
4) Chloromethane	2.825	50	548040	8.216	ppbv	99
5) Vinyl Chloride	2.931	62	517008	7.864	ppbv	95
6) Bromomethane	3.131	94	233106	6.898	ppbv	94
7) Chloroethane	3.208	64	185932	8.194	ppbv	95
8) Dichlorotetrafluoroethane	2.870	85	1300412	8.098	ppbv	98
9) Propene	2.706	41	469584	8.151	ppbv	99
10) Heptane	7.581	43	1168025	9.023	ppbv	99
11) Trichlorofluoromethane	3.571	101	1262537	7.844	ppbv	97
12) 1,1,2-Trichlorotrifluo...	4.073	101	932318	8.044	ppbv	100
13) Ethanol	3.256	45	31730	6.162	ppbv	89
14) Bromoethene	3.375	108	383239	8.482	ppbv	99
15) Acetone	3.478	43	962189	8.039	ppbv	100
16) 1,3-Butadiene	2.999	39	543750	8.503	ppbv	99
17) tert-Butyl alcohol	3.883	59	1041907	9.544	ppbv	100
18) 1,1-Dichloroethene	3.886	96	419180	8.455	ppbv	99
19) Isopropyl Alcohol	3.584	45	627020	8.960	ppbv	# 98
20) Methylene Chloride	3.941	84	355351	7.961	ppbv	97
21) Allyl Chloride	4.002	41	670743	8.545	ppbv	100
22) trans-1,2-Dichloroethene	4.452	96	427505	8.624	ppbv	97
23) Vinyl Acetate	4.632	43	747635	8.178	ppbv	99
24) 1,1-Dichloroethane	4.568	63	924516	8.589	ppbv	99
25) Ethyl Acetate	5.208	43	2119925	8.915	ppbv	99
26) Hexane	5.214	57	862018	8.739	ppbv	98
27) Carbon Disulfide	4.131	76	1018486	8.826	ppbv	99
28) Methyl tert-Butyl Ether	4.590	73	544698	8.756	ppbv	100
29) Chloroform	5.279	83	1325603	8.239	ppbv	98
30) Cyclohexane	6.603	84	720784	8.973	ppbv	97
31) cis-1,2-Dichloroethene	5.082	61	830591	8.523	ppbv	100
32) 1,1,1-Trichloroethane	6.005	97	1293807	8.261	ppbv	99
34) 2-Butanone	4.793	43	1196218	8.824	ppbv	99
35) Carbon Tetrachloride	6.494	117	1344303	8.697	ppbv	98
36) Benzene	6.372	78	1833009	8.951	ppbv	99
37) 1,2-Dichloroethane	5.809	62	993240	8.666	ppbv	99
38) Trichloroethene	7.291	130	895786	9.548	ppbv	98
39) 1,2-Dichloropropane	7.076	63	709585	9.051	ppbv	98
40) 1,4-Dioxane	7.288	88	293125	9.307	ppbv	# 1
41) Tetrahydrofuran	5.558	42	771139	9.946	ppbv	97
42) Bromodichloromethane	7.250	83	1461993	8.834	ppbv	100
43) Methyl Methacrylate	7.471	69	716757	9.761	ppbv	96
44) 2,2,4-Trimethylpentane	7.327	57	3114819	9.107	ppbv	100
45) t-1,3-Dichloropropene	8.709	75	598859	8.860	ppbv	97

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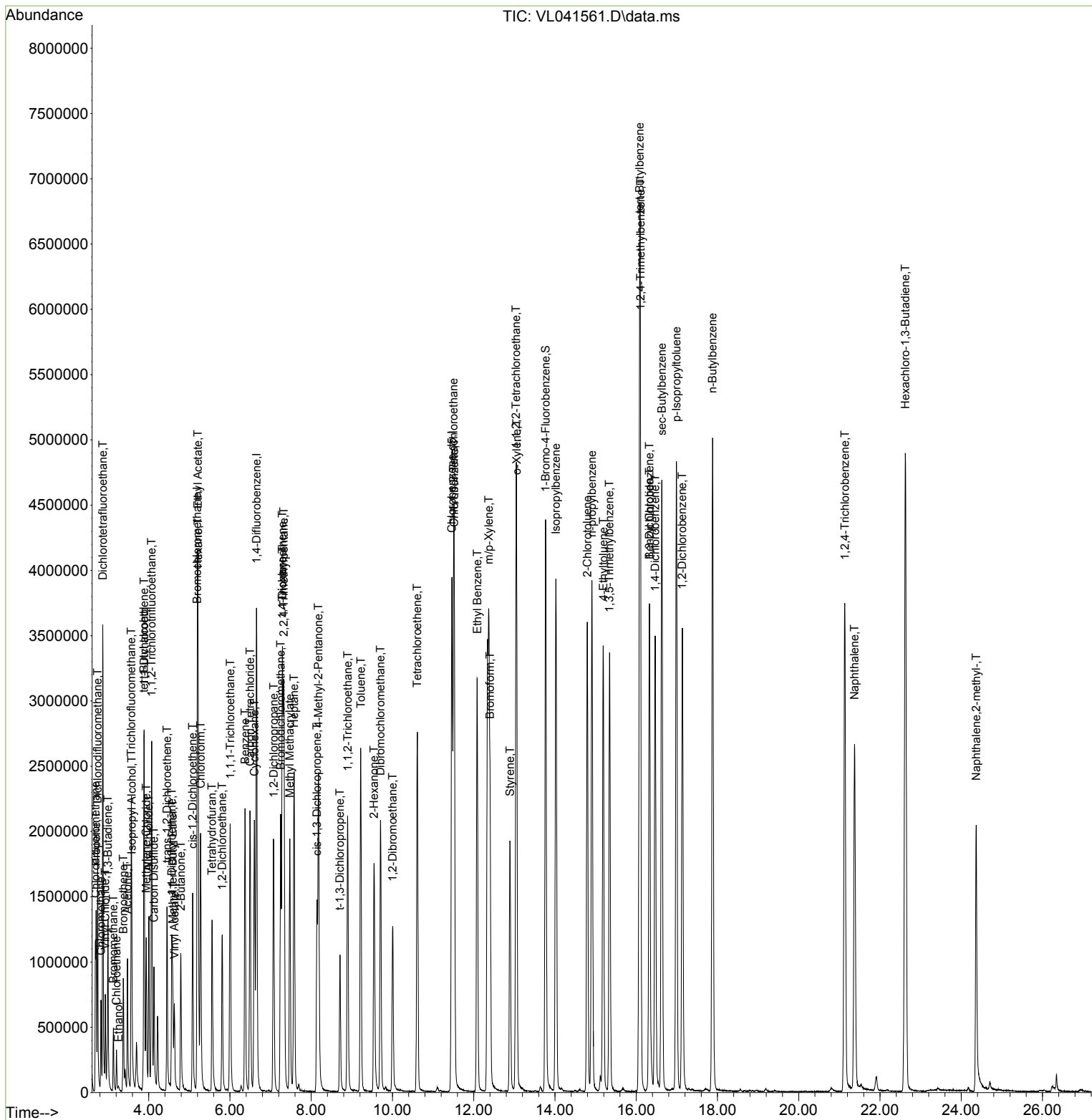
Instrument :
 MSVOA_L
 ClientSampleId :

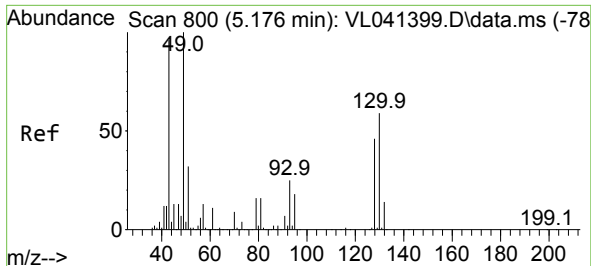
Quant Time: Aug 22 01:08:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Aug 22 01:05:17 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.143	75	826618	8.469	ppbv	97
47) 1,1,2-Trichloroethane	8.896	97	763699	8.837	ppbv	95
48) Dibromochloromethane	9.706	129	1279552	9.191	ppbv	100
49) Bromoform	12.400	173	1183780	10.066	ppbv	100
50) 4-Methyl-2-Pentanone	8.179	43	2059991	9.631	ppbv	100
51) 2-Hexanone	9.549	43	1640366	10.143	ppbv #	99
52) Tetrachloroethene	10.613	164	701733	8.869	ppbv	98
53) Toluene	9.221	91	2141144	9.387	ppbv	100
54) 1,2-Dibromoethane	10.005	107	1066187	9.269	ppbv	95
56) 1,1,1,2-Tetrachloroethane	11.503	131	941130	7.529	ppbv #	54
57) Chlorobenzene	11.523	112	1713601	7.467	ppbv	99
58) Ethyl Benzene	12.085	91	2955668	7.956	ppbv	100
59) m/p-Xylene	12.368	91	2991348	9.327	ppbv #	52
60) o-Xylene	13.056	91	2446970	8.066	ppbv	100
61) Styrene	12.896	104	1198627	8.758	ppbv	99
62) Isopropylbenzene	14.024	105	3604735	7.816	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.044	83	1476993	7.710	ppbv	99
64) n-propylbenzene	14.912	120	982208	8.146	ppbv	96
65) tert-Butylbenzene	16.085	119	3388503	8.134	ppbv	100
66) Benzyl Chloride	16.326	91	95069	3.558	ppbv #	57
67) sec-Butylbenzene	16.632	105	4837657	8.429	ppbv	100
69) p-Isopropyltoluene	16.992	119	4106275	8.622	ppbv	100
70) n-Butylbenzene	17.879	91	4393877	8.999	ppbv	100
71) 2-Chlorotoluene	14.796	91	2833046	8.330	ppbv	100
72) 4-Ethyltoluene	15.188	105	3036361	8.501	ppbv	100
73) 1,3,5-Trimethylbenzene	15.342	105	2657283	8.636	ppbv	97
74) 1,2,4-Trimethylbenzene	16.105	105	3021530	8.446	ppbv	96
75) 1,3-Dichlorobenzene	16.326	146	1909207	8.490	ppbv	99
76) 1,4-Dichlorobenzene	16.468	146	1869460	8.586	ppbv	99
77) 1,2-Dichlorobenzene	17.133	146	1918182	8.605	ppbv	99
78) Hexachloro-1,3-Butadiene	22.625	225	1546149	8.133	ppbv	99
79) Naphthalene	21.374	128	3429206	10.861	ppbv	99
80) Naphthalene,2-methyl-	24.368	142	1487907	5.622	ppbv	100
81) 1,2,4-Trichlorobenzene	21.136	180	802215	4.269	ppbv #	12

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Thu Aug 22 01:05:17 2024
Response via : Initial Calibration

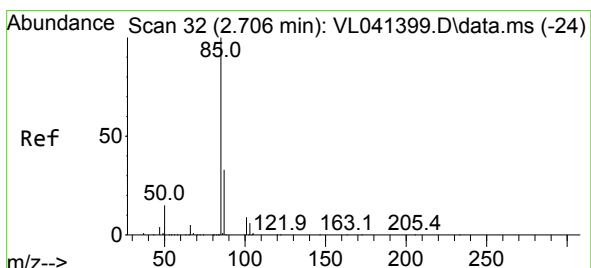
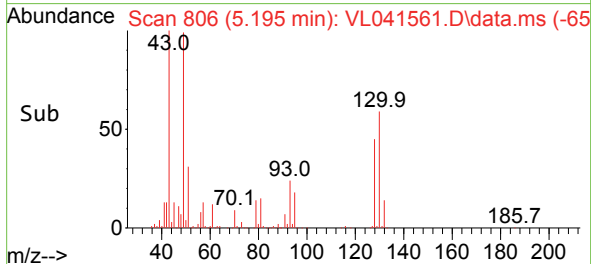
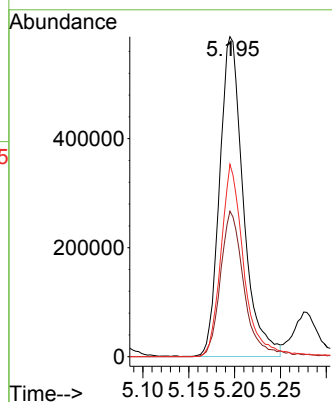
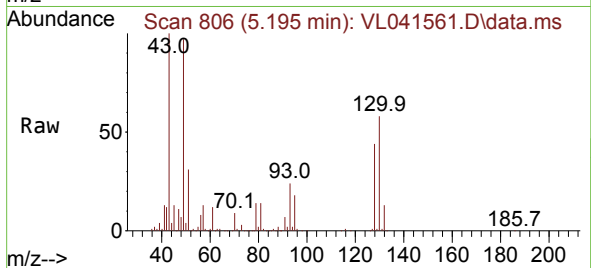




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 80
Delta R.T. -0.000 min
Lab File: VL041561.D
Acq: 21 Aug 2024 10:27

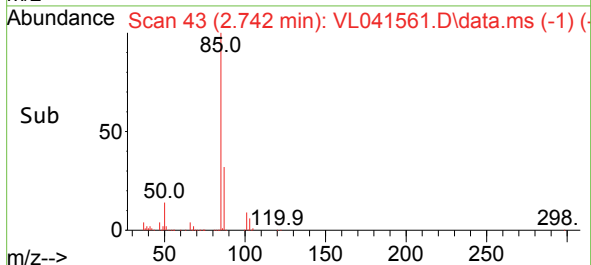
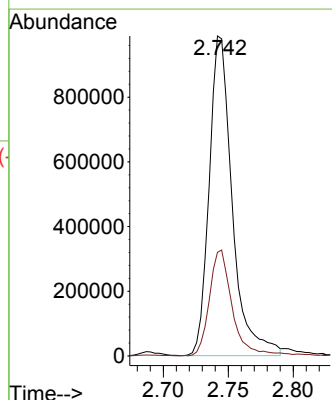
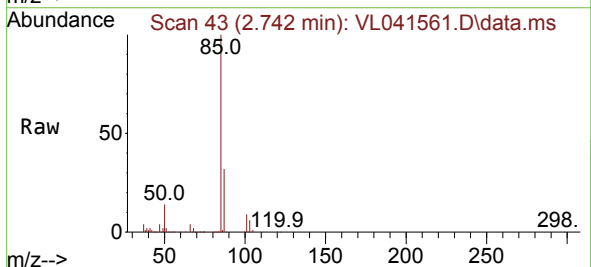
Instrument :
MSVOA_L
ClientSampleId :

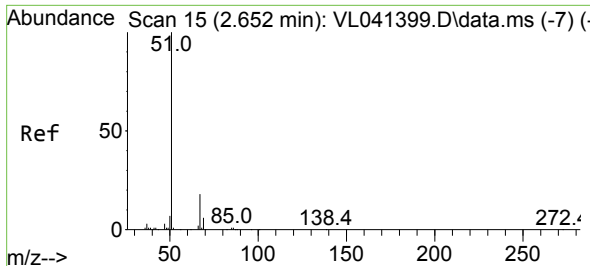
Tgt Ion: 49 Resp: 1053472
Ion Ratio Lower Upper
49 100
128 46.3 23.8 71.4
130 59.1 30.8 92.4



#2
Dichlorodifluoromethane
Concen: 6.744 ppbv
RT: 2.742 min Scan# 43
Delta R.T. -0.000 min
Lab File: VL041561.D
Acq: 21 Aug 2024 10:27

Tgt Ion: 85 Resp: 1222251
Ion Ratio Lower Upper
85 100
87 32.4 26.0 39.0

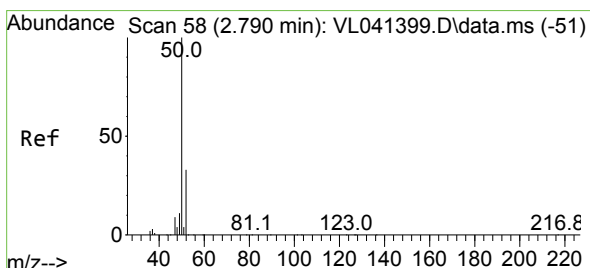
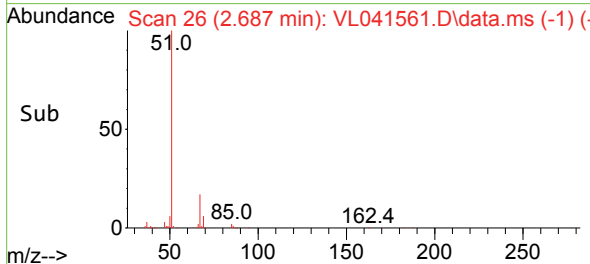
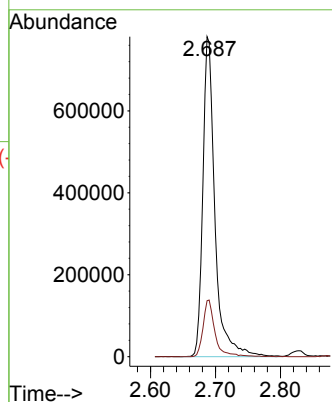
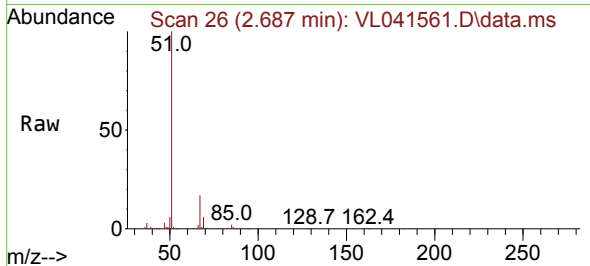




#3
Chlorodifluoromethane
Concen: 8.075 ppbv
RT: 2.687 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL041561.D
Acq: 21 Aug 2024 10:27

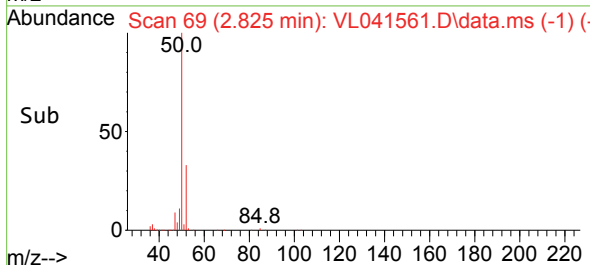
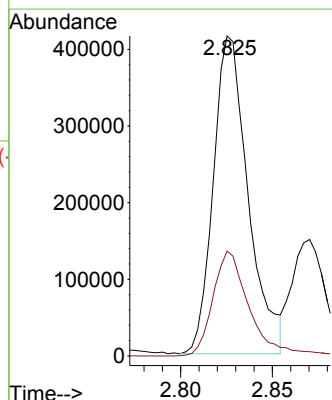
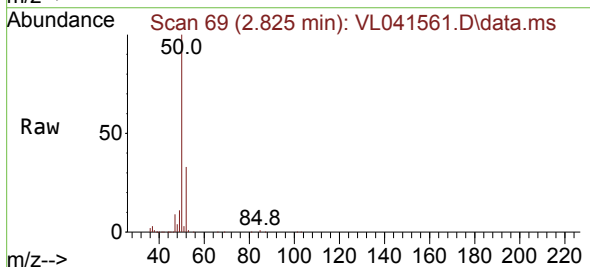
Instrument :
MSVOA_L
ClientSampleId :

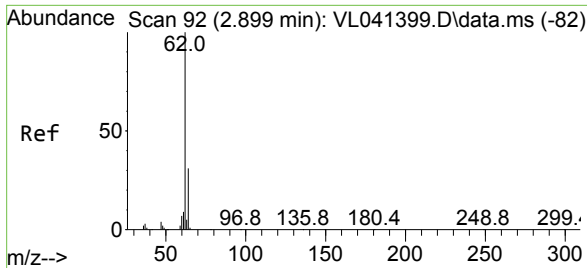
Tgt Ion: 51 Resp: 1012711
Ion Ratio Lower Upper
51 100
67 17.6 14.5 21.7



#4
Chloromethane
Concen: 8.216 ppbv
RT: 2.825 min Scan# 69
Delta R.T. -0.000 min
Lab File: VL041561.D
Acq: 21 Aug 2024 10:27

Tgt Ion: 50 Resp: 548040
Ion Ratio Lower Upper
50 100
52 32.9 26.1 39.1

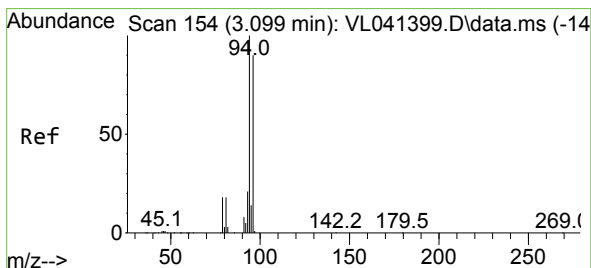
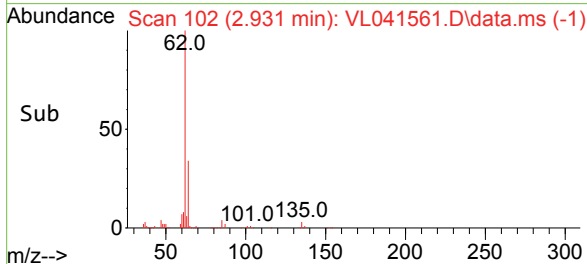
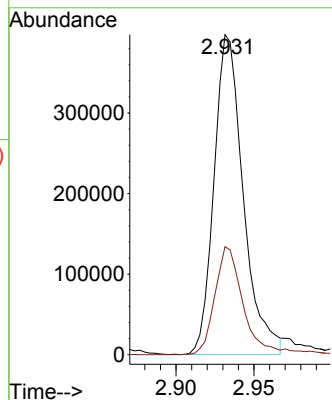
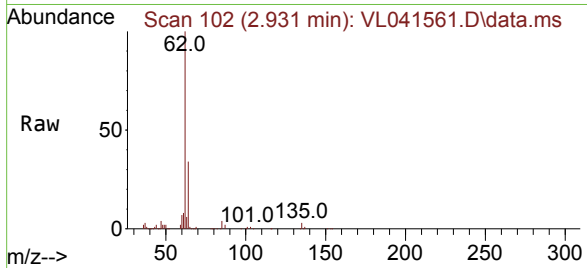




#5
 Vinyl Chloride
 Concen: 7.864 ppbv
 RT: 2.931 min Scan# 102
 Delta R.T. -0.000 min
 Lab File: VL041561.D
 Acq: 21 Aug 2024 10:27

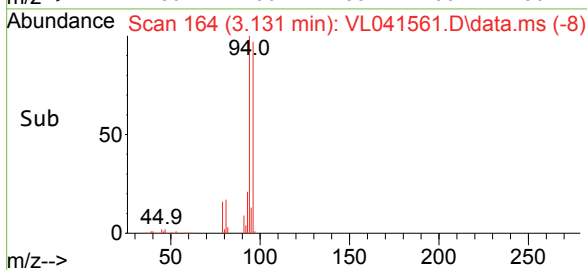
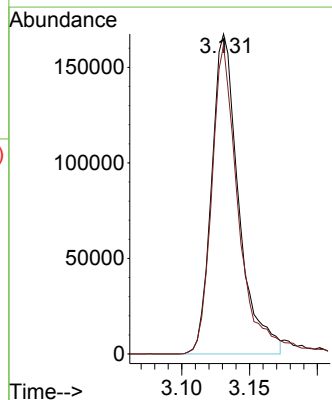
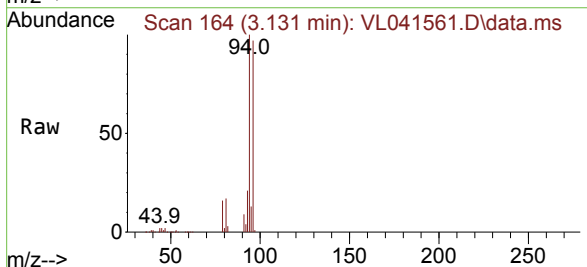
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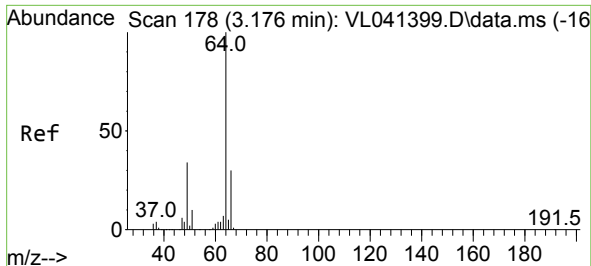
Tgt Ion: 62 Resp: 517008
 Ion Ratio Lower Upper
 62 100
 64 33.8 25.0 37.4



#6
 Bromomethane
 Concen: 6.898 ppbv
 RT: 3.131 min Scan# 164
 Delta R.T. -0.000 min
 Lab File: VL041561.D
 Acq: 21 Aug 2024 10:27

Tgt Ion: 94 Resp: 233106
 Ion Ratio Lower Upper
 94 100
 96 96.5 72.3 108.5

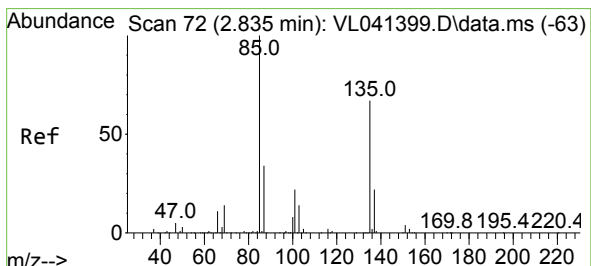
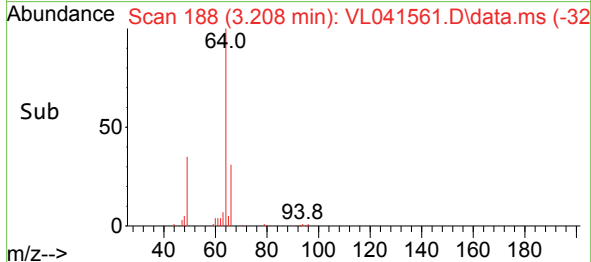
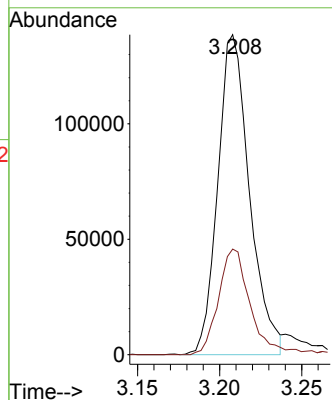
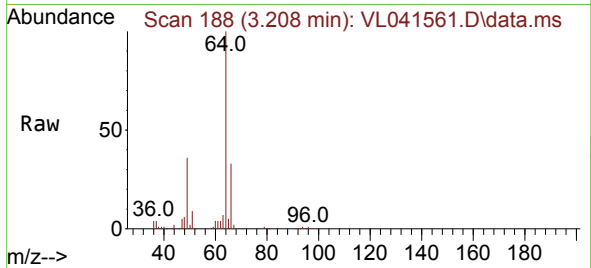




#7
Chloroethane
Concen: 8.194 ppbv
RT: 3.208 min Scan# 11
Delta R.T. -0.000 min
Lab File: VL041561.D
Acq: 21 Aug 2024 10:27

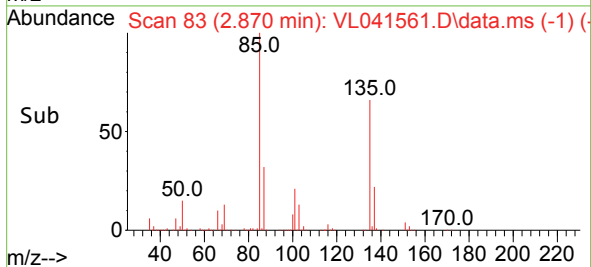
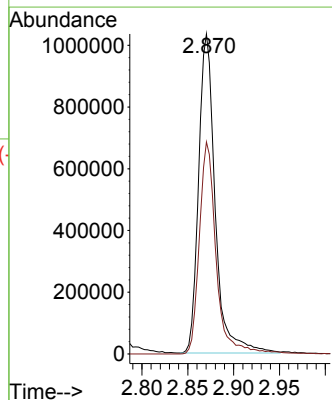
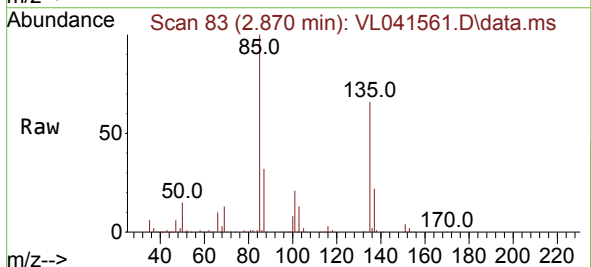
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MSVOA_L
ClientSampleId :

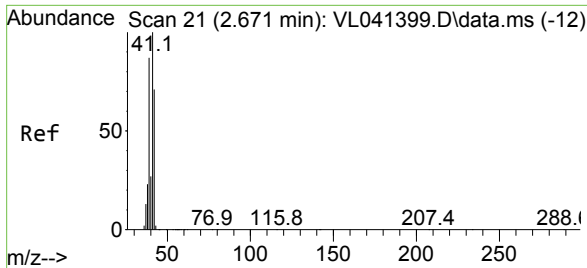
Tgt Ion: 64 Resp: 185932
Ion Ratio Lower Upper
64 100
66 33.0 24.2 36.2



#8
Dichlorotetrafluoroethane
Concen: 8.098 ppbv
RT: 2.870 min Scan# 83
Delta R.T. -0.000 min
Lab File: VL041561.D
Acq: 21 Aug 2024 10:27

Tgt Ion: 85 Resp: 1300412
Ion Ratio Lower Upper
85 100
135 67.7 55.4 83.0





#9

Propene

Concen: 8.151 ppbv

RT: 2.706 min Scan# 31

Delta R.T. -0.000 min

Lab File: VL041561.D

Acq: 21 Aug 2024 10:27

Instrument :

MSVOA_L

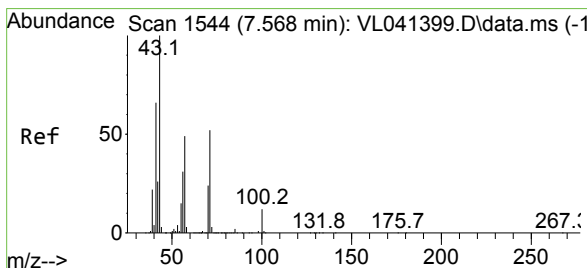
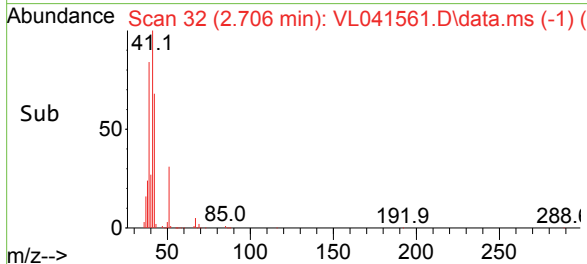
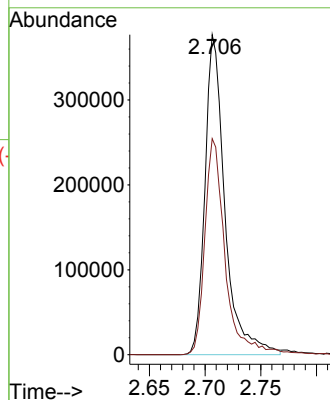
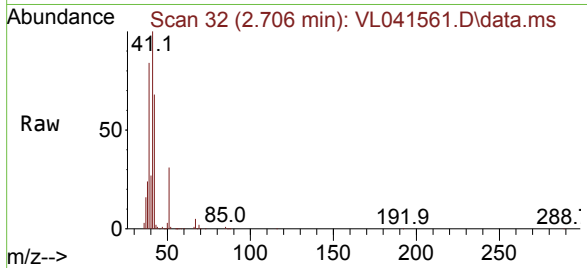
ClientSampleId :

Tgt Ion: 41 Resp: 469584

Ion Ratio Lower Upper

41 100

42 69.4 55.9 83.9



#10

Heptane

Concen: 9.023 ppbv

RT: 7.581 min Scan# 1548

Delta R.T. -0.000 min

Lab File: VL041561.D

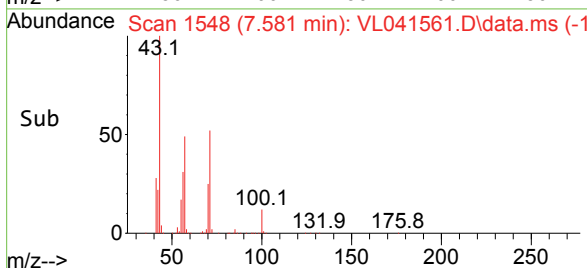
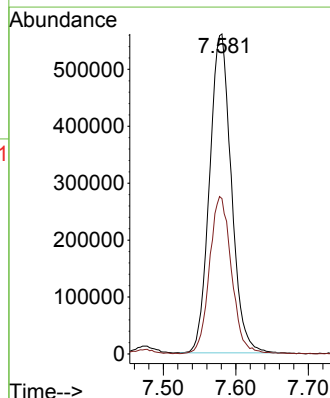
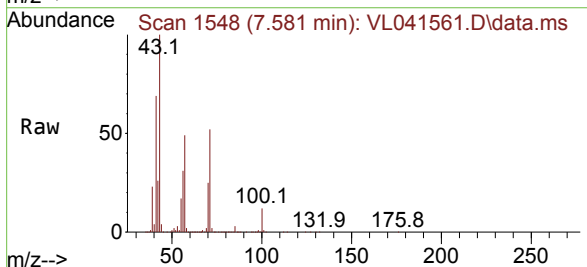
Acq: 21 Aug 2024 10:27

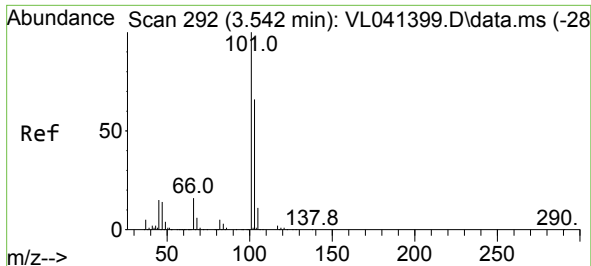
Tgt Ion: 43 Resp: 1168025

Ion Ratio Lower Upper

43 100

57 50.0 40.5 60.7

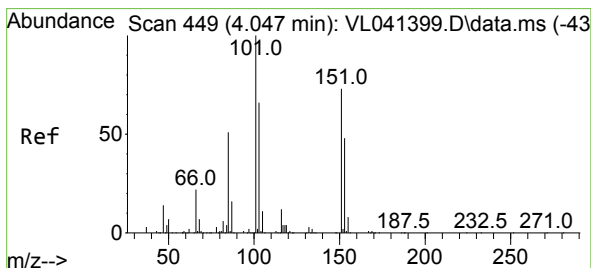
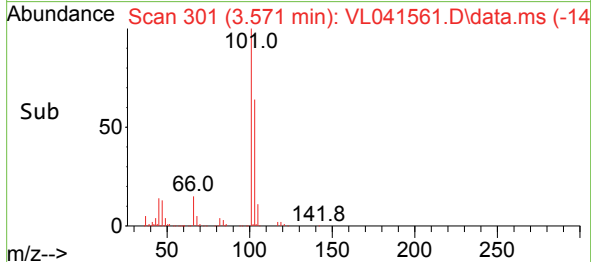
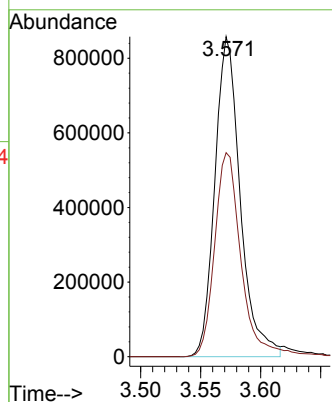
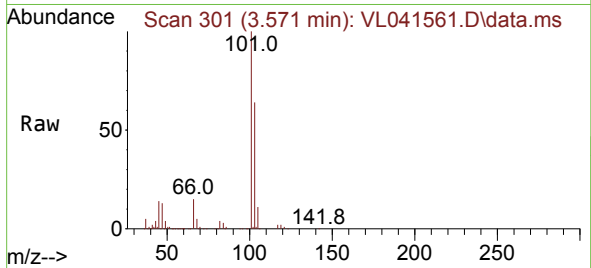




#11
 Trichlorofluoromethane
 Concen: 7.844 ppbv
 RT: 3.571 min Scan# 30
 Delta R.T. -0.000 min
 Lab File: VL041561.D
 Acq: 21 Aug 2024 10:27

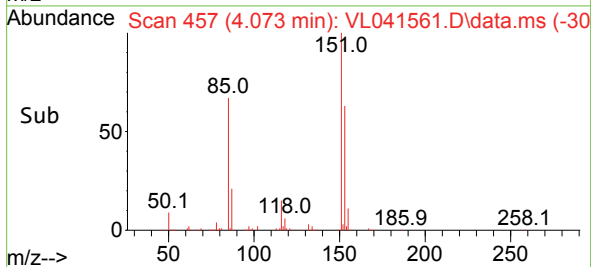
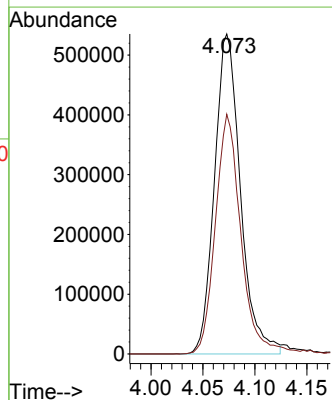
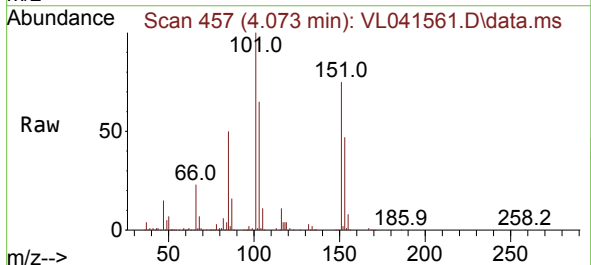
Instrument :
 MSVOA_L
 ClientSampleId :

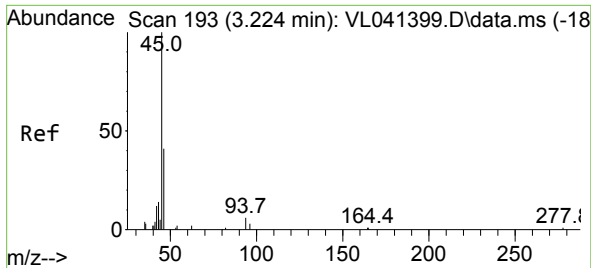
Tgt Ion:101 Resp: 1262537
 Ion Ratio Lower Upper
 101 100
 103 63.7 52.6 79.0



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 8.044 ppbv
 RT: 4.073 min Scan# 457
 Delta R.T. -0.003 min
 Lab File: VL041561.D
 Acq: 21 Aug 2024 10:27

Tgt Ion:101 Resp: 932318
 Ion Ratio Lower Upper
 101 100
 151 74.5 59.4 89.2

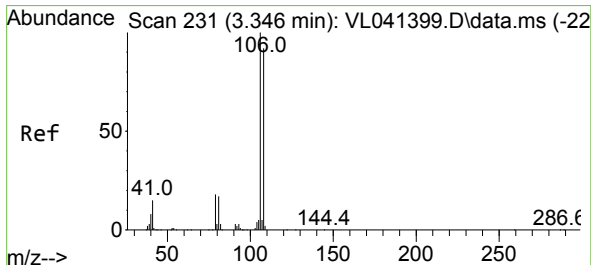
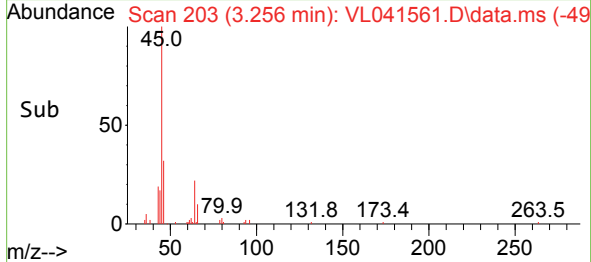
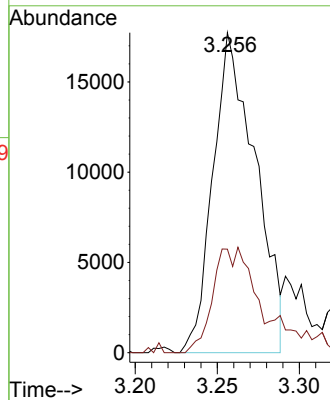
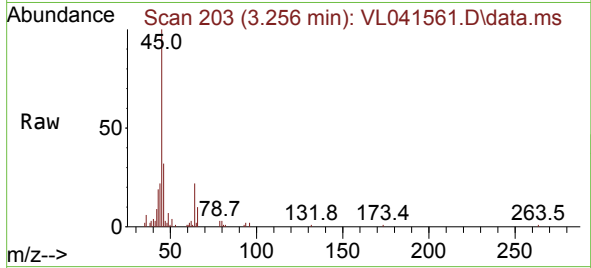




#13
Ethanol
Concen: 6.162 ppbv
RT: 3.256 min Scan# 203
Delta R.T. -0.003 min
Lab File: VL041561.D
Acq: 21 Aug 2024 10:27

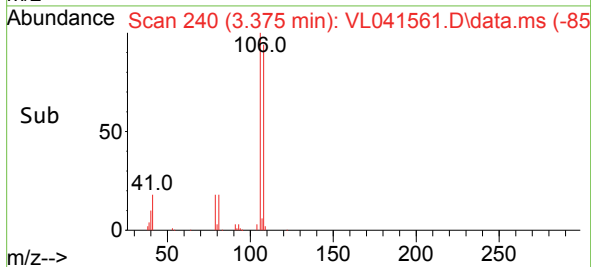
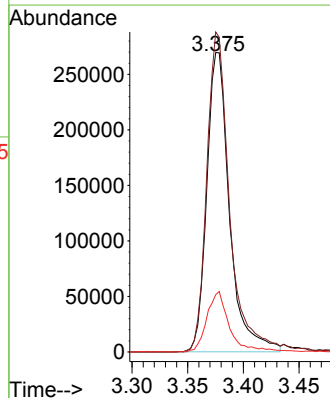
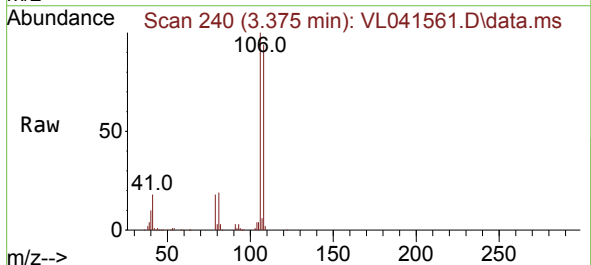
Instrument :
MSVOA_L
ClientSampleId :

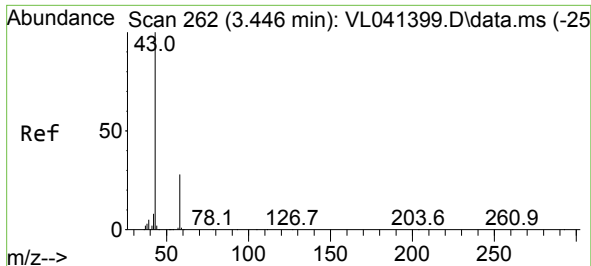
Tgt Ion: 45 Resp: 31730
Ion Ratio Lower Upper
45 100
46 39.9 13.4 53.4



#14
Bromoethene
Concen: 8.482 ppbv
RT: 3.375 min Scan# 240
Delta R.T. -0.000 min
Lab File: VL041561.D
Acq: 21 Aug 2024 10:27

Tgt Ion:108 Resp: 383239
Ion Ratio Lower Upper
108 100
106 109.8 86.9 130.3
79 20.6 16.2 24.4

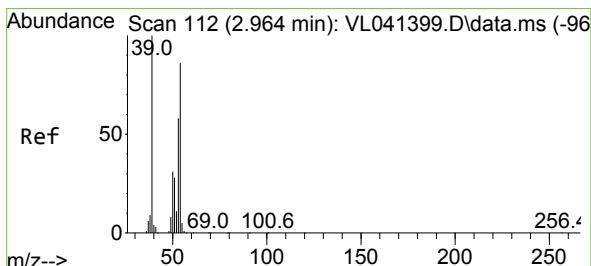
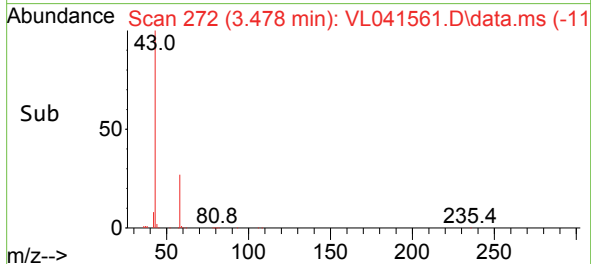
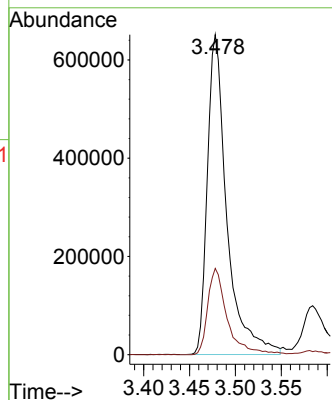
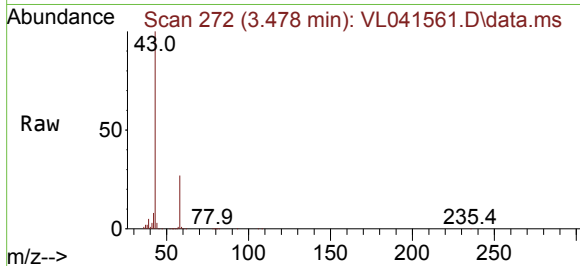




#15
Acetone
Concen: 8.039 ppbv
RT: 3.478 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL041561.D
Acq: 21 Aug 2024 10:27

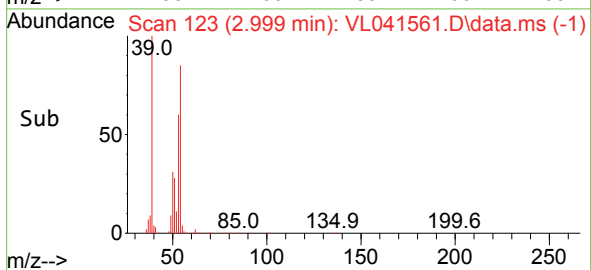
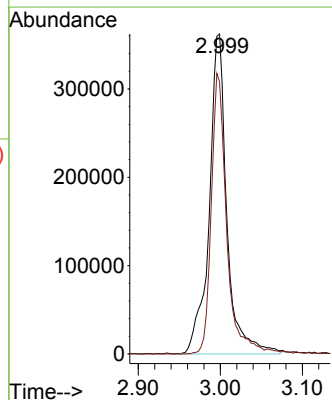
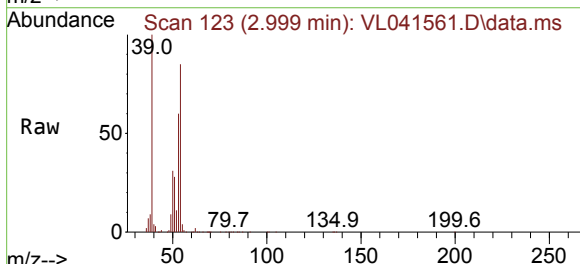
Instrument :
MSVOA_L
ClientSampleId :

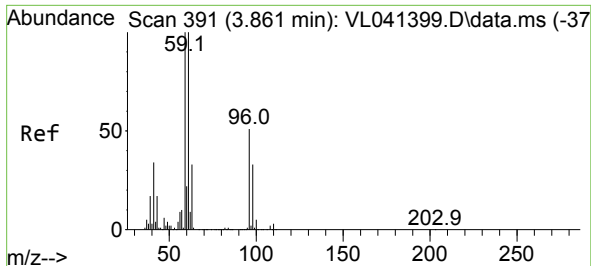
Tgt Ion: 43 Resp: 962189
Ion Ratio Lower Upper
43 100
58 27.0 21.4 32.2



#16
1,3-Butadiene
Concen: 8.503 ppbv
RT: 2.999 min Scan# 123
Delta R.T. 0.003 min
Lab File: VL041561.D
Acq: 21 Aug 2024 10:27

Tgt Ion: 39 Resp: 543750
Ion Ratio Lower Upper
39 100
54 77.1 62.5 93.7

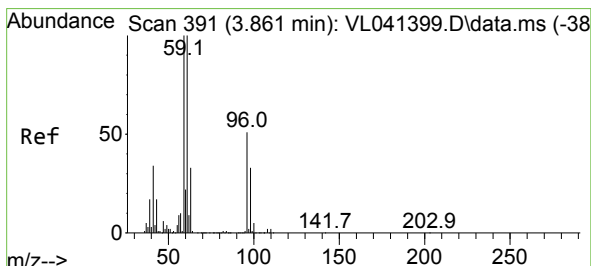
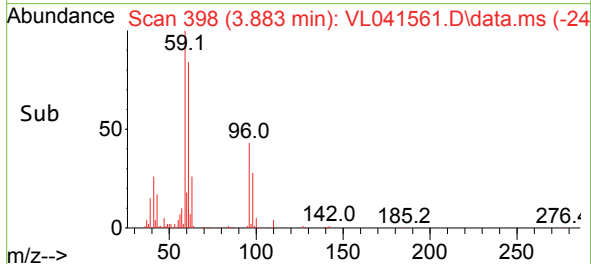
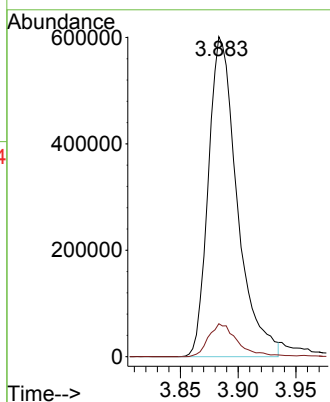
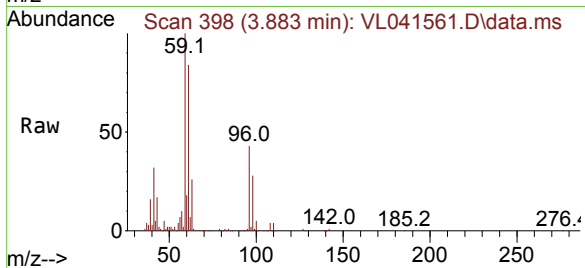




#17
tert-Butyl alcohol
Concen: 9.544 ppbv
RT: 3.883 min Scan# 391
Delta R.T. -0.000 min
Lab File: VL041561.D
Acq: 21 Aug 2024 10:27

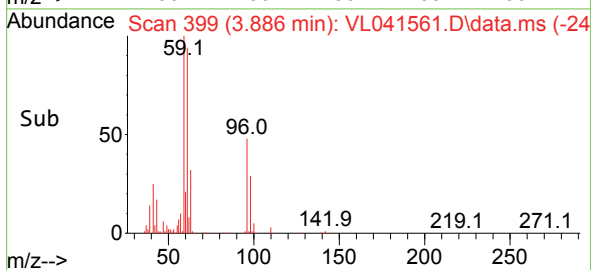
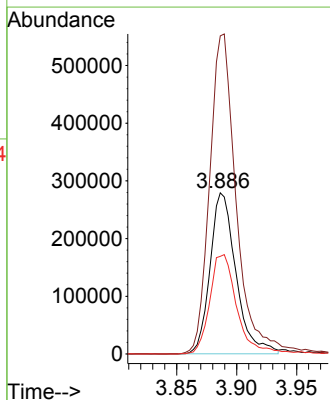
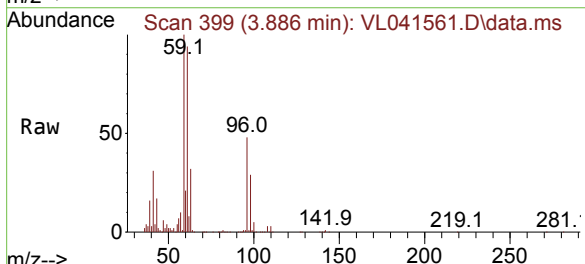
Instrument :
MSVOA_L
ClientSampleId :

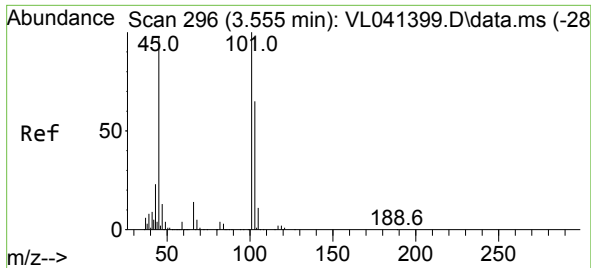
Tgt Ion: 59 Resp: 1041907
Ion Ratio Lower Upper
59 100
57 10.7 8.6 12.8



#18
1,1-Dichloroethene
Concen: 8.455 ppbv
RT: 3.886 min Scan# 399
Delta R.T. -0.000 min
Lab File: VL041561.D
Acq: 21 Aug 2024 10:27

Tgt Ion: 96 Resp: 419180
Ion Ratio Lower Upper
96 100
61 197.6 157.5 236.3
98 60.7 51.2 76.8

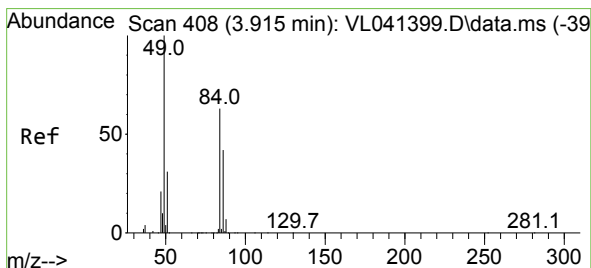
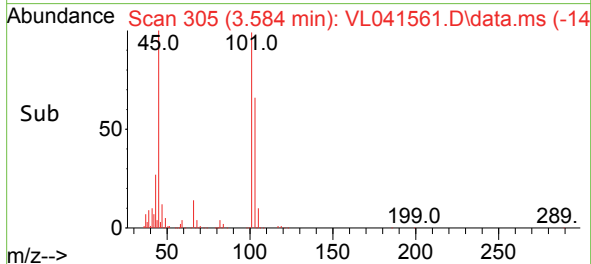
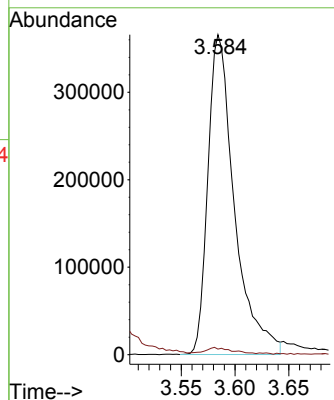
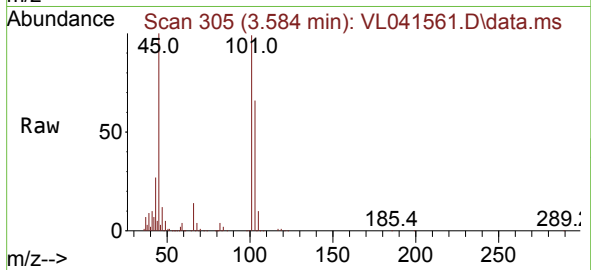




#19
Isopropyl Alcohol
Concen: 8.960 ppbv
RT: 3.584 min Scan# 305
Delta R.T. -0.000 min
Lab File: VL041561.D
Acq: 21 Aug 2024 10:27

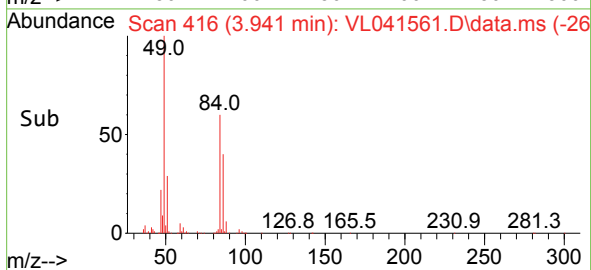
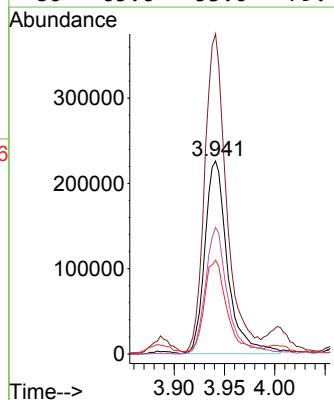
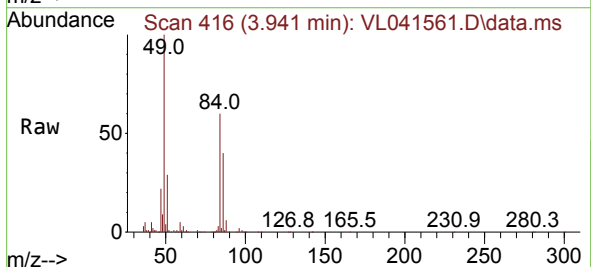
Instrument :
MSVOA_L
ClientSampleId :

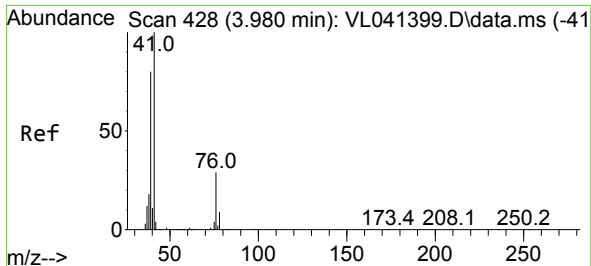
Tgt Ion: 45 Resp: 627020
Ion Ratio Lower Upper
45 100
58 3.1 1.9 2.9#



#20
Methylene Chloride
Concen: 7.961 ppbv
RT: 3.941 min Scan# 416
Delta R.T. -0.000 min
Lab File: VL041561.D
Acq: 21 Aug 2024 10:27

Tgt Ion: 84 Resp: 355351
Ion Ratio Lower Upper
84 100
49 164.6 126.6 190.0
51 47.0 38.6 58.0
86 65.6 53.0 79.4

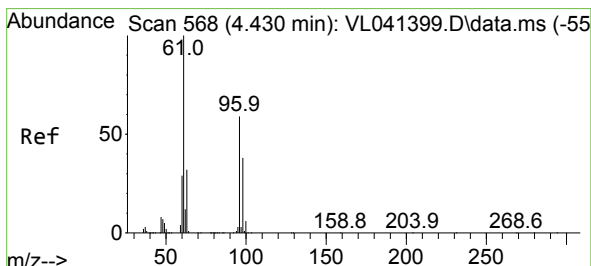
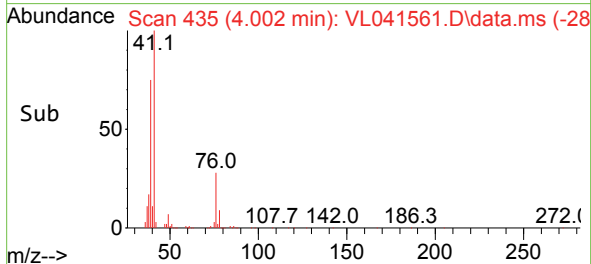
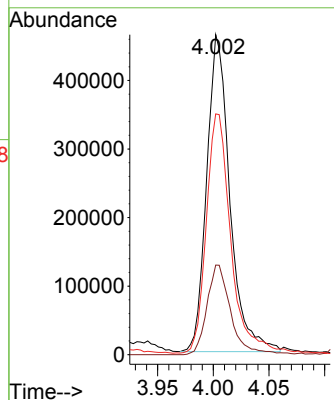
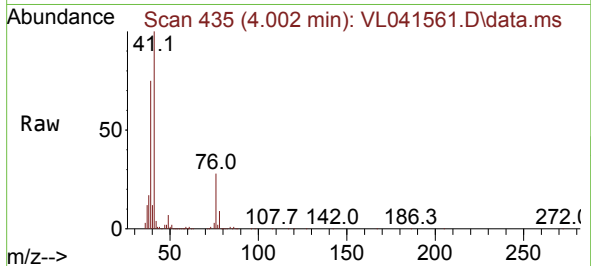




#21
 Allyl Chloride
 Concen: 8.545 ppbv
 RT: 4.002 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VL041561.D
 Acq: 21 Aug 2024 10:27

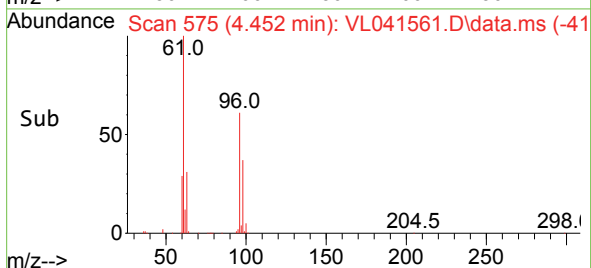
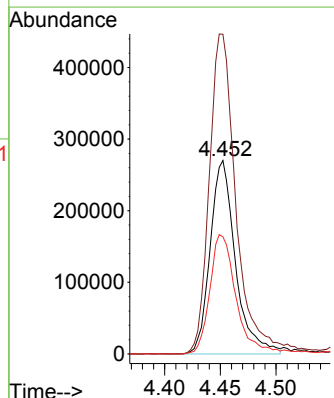
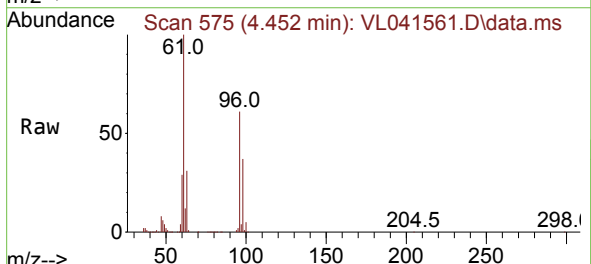
Instrument :
 MSVOA_L
 ClientSampleId :

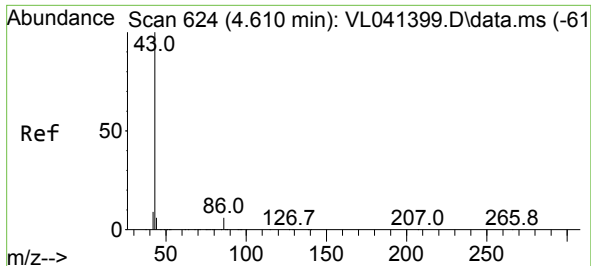
Tgt Ion: 41 Resp: 670743
 Ion Ratio Lower Upper
 41 100
 76 29.2 23.7 35.5
 39 80.8 64.3 96.5



#22
 trans-1,2-Dichloroethene
 Concen: 8.624 ppbv
 RT: 4.452 min Scan# 575
 Delta R.T. -0.000 min
 Lab File: VL041561.D
 Acq: 21 Aug 2024 10:27

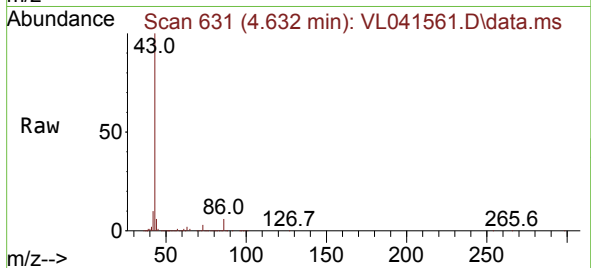
Tgt Ion: 96 Resp: 427505
 Ion Ratio Lower Upper
 96 100
 61 165.1 135.4 203.2
 98 60.5 51.0 76.4





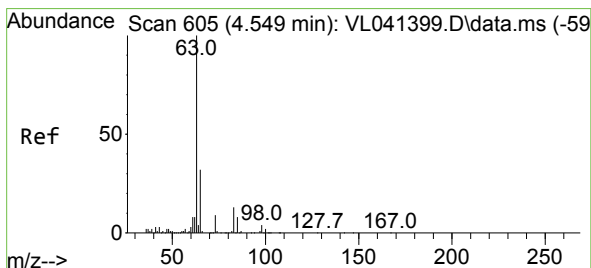
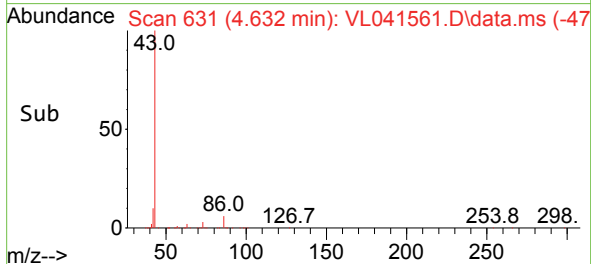
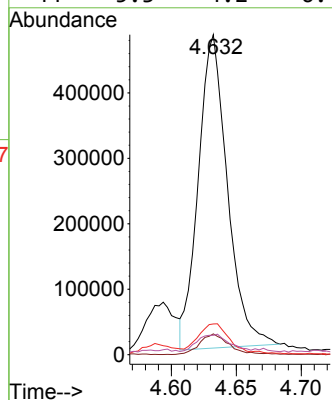
#23
 Vinyl Acetate
 Concen: 8.178 ppbv
 RT: 4.632 min Scan# 611
 Delta R.T. -0.000 min
 Lab File: VL041561.D
 Acq: 21 Aug 2024 10:27

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion: 43 Resp: 747635

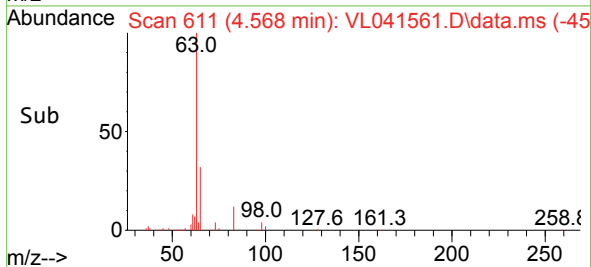
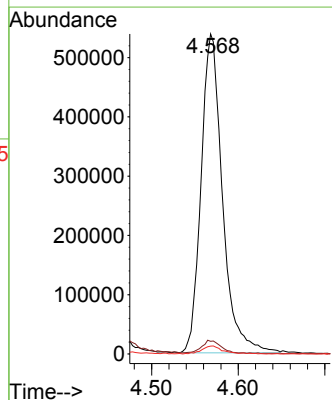
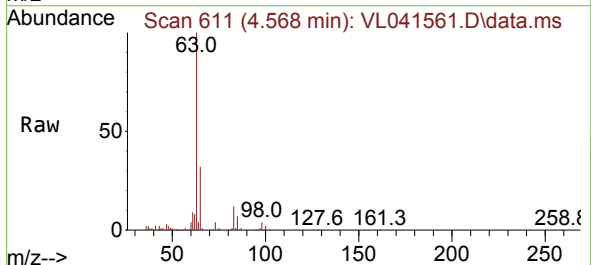
Ion	Ratio	Lower	Upper
43	100		
86	6.6	4.6	6.8
42	9.4	7.9	11.9
44	5.3	4.2	6.4

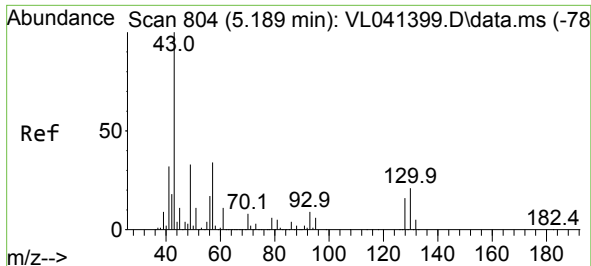


#24
 1,1-Dichloroethane
 Concen: 8.589 ppbv
 RT: 4.568 min Scan# 611
 Delta R.T. -0.000 min
 Lab File: VL041561.D
 Acq: 21 Aug 2024 10:27

Tgt Ion: 63 Resp: 924516

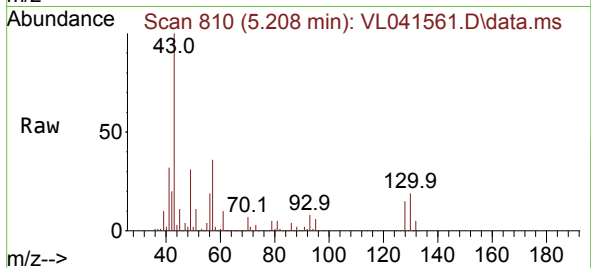
Ion	Ratio	Lower	Upper
63	100		
98	3.7	2.0	6.0
100	2.4	1.2	3.6





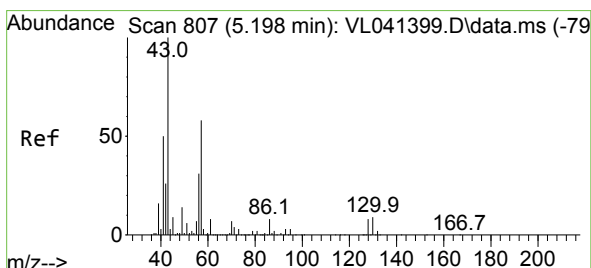
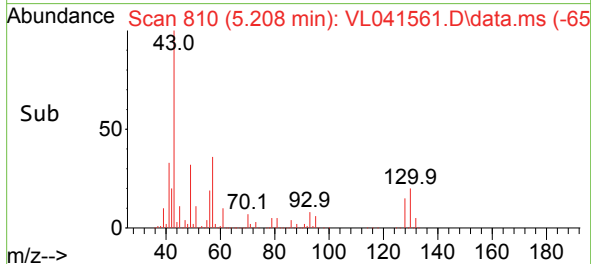
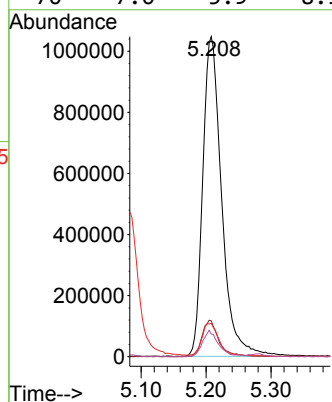
#25
Ethyl Acetate
Concen: 8.915 ppbv
RT: 5.208 min Scan# 810
Delta R.T. -0.000 min
Lab File: VL041561.D
Acq: 21 Aug 2024 10:27

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion: 43 Resp: 2119925

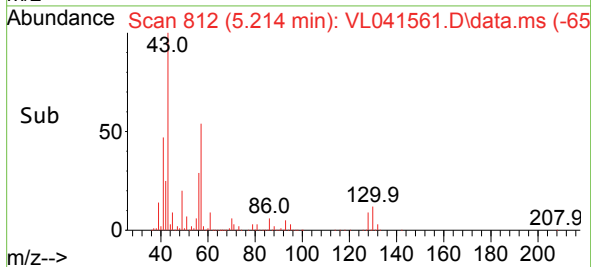
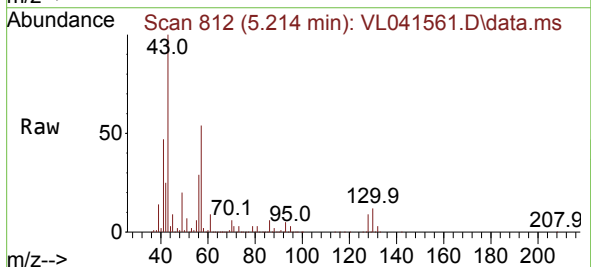
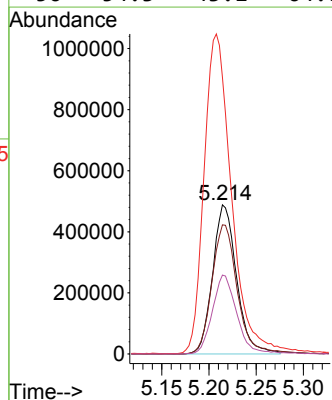
Ion	Ratio	Lower	Upper
43	100		
45	10.2	8.5	12.7
61	10.4	8.0	12.0
70	7.0	5.9	8.9

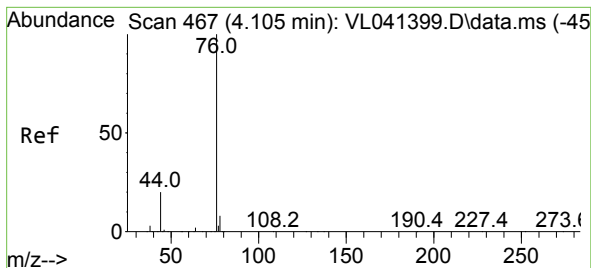


#26
Hexane
Concen: 8.739 ppbv
RT: 5.214 min Scan# 812
Delta R.T. -0.003 min
Lab File: VL041561.D
Acq: 21 Aug 2024 10:27

Tgt Ion: 57 Resp: 862018

Ion	Ratio	Lower	Upper
57	100		
41	92.8	74.0	111.0
43	248.1	193.6	290.4
56	54.3	43.1	64.7





#27

Carbon Disulfide

Concen: 8.826 ppbv

RT: 4.131 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL041561.D

Acq: 21 Aug 2024 10:27

Instrument :

MSVOA_L

ClientSampleId :

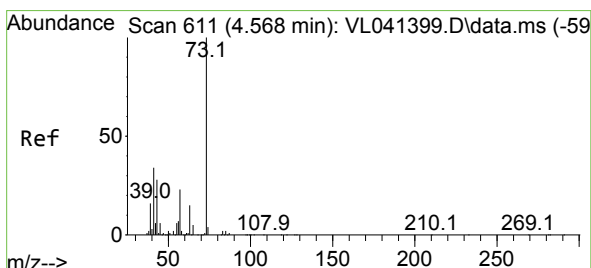
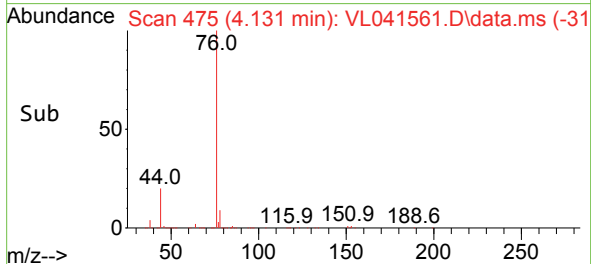
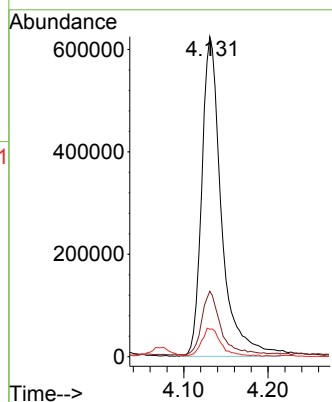
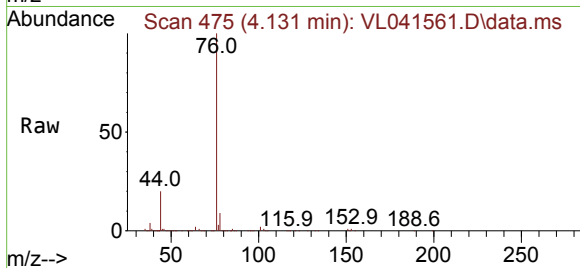
Tgt Ion: 76 Resp: 1018486

Ion Ratio Lower Upper

76 100

44 19.6 15.6 23.4

78 9.1 7.7 11.5



#28

Methyl tert-Butyl Ether

Concen: 8.756 ppbv

RT: 4.590 min Scan# 618

Delta R.T. -0.003 min

Lab File: VL041561.D

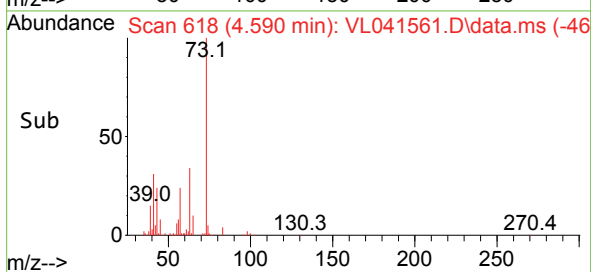
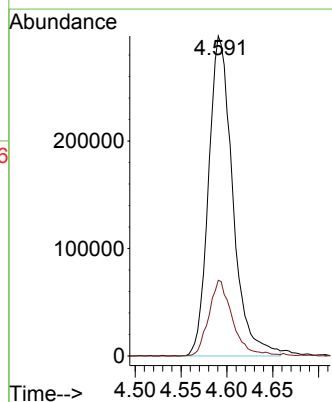
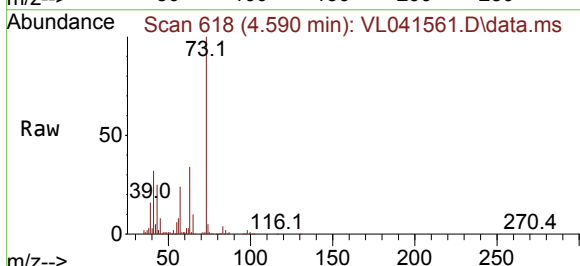
Acq: 21 Aug 2024 10:27

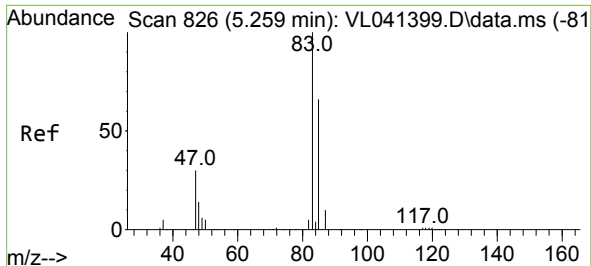
Tgt Ion: 73 Resp: 544698

Ion Ratio Lower Upper

73 100

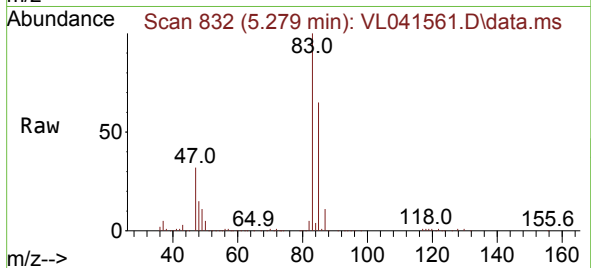
57 23.6 18.9 28.3



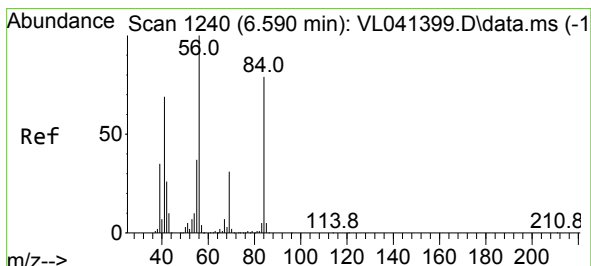
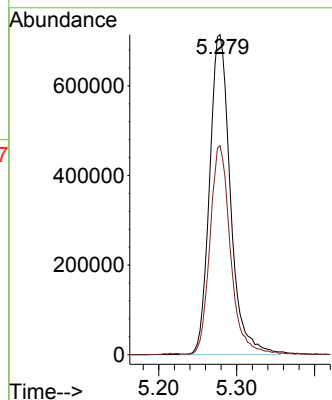
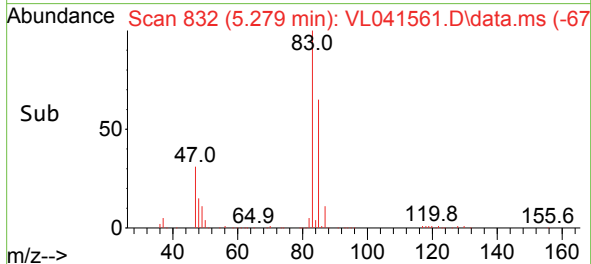


#29
Chloroform
Concen: 8.239 ppbv
RT: 5.279 min Scan# 81
Delta R.T. -0.000 min
Lab File: VL041561.D
Acq: 21 Aug 2024 10:27

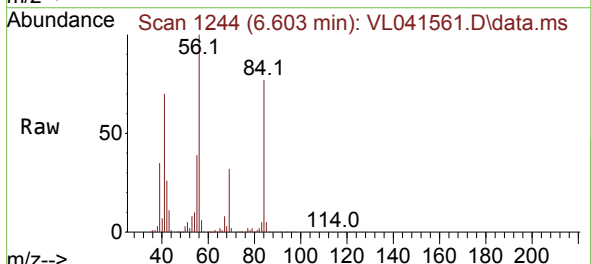
Instrument :
MSVOA_L
ClientSampleId :



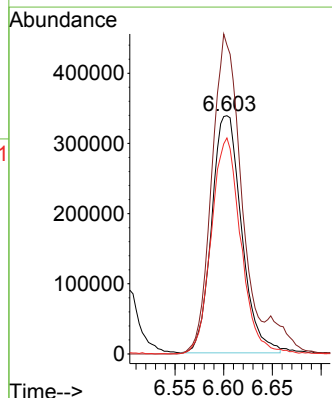
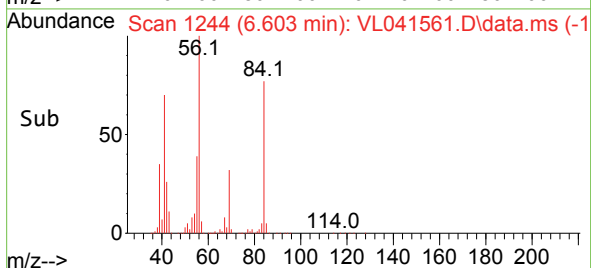
Tgt Ion: 83 Resp: 1325603
Ion Ratio Lower Upper
83 100
85 65.1 53.1 79.7

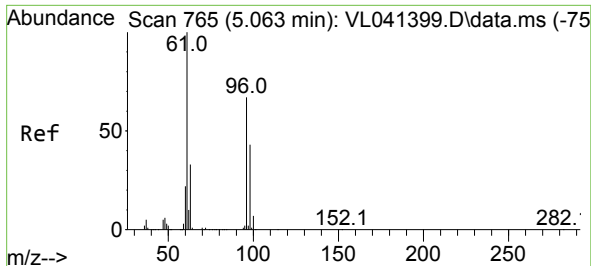


#30
Cyclohexane
Concen: 8.973 ppbv
RT: 6.603 min Scan# 1244
Delta R.T. -0.000 min
Lab File: VL041561.D
Acq: 21 Aug 2024 10:27



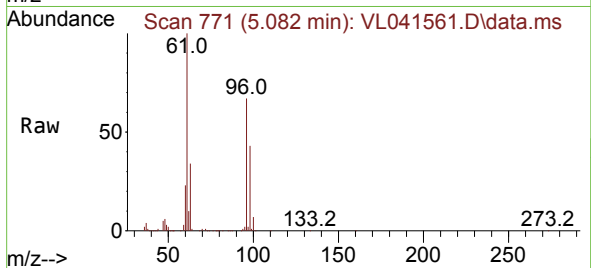
Tgt Ion: 84 Resp: 720784
Ion Ratio Lower Upper
84 100
56 142.3 111.2 166.8
41 89.9 70.3 105.5



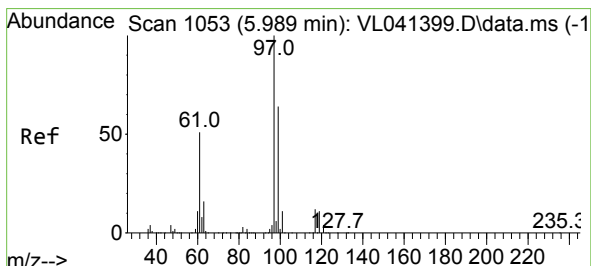
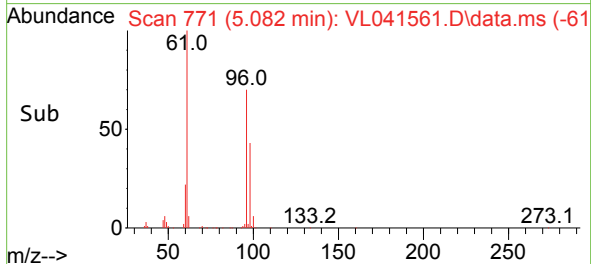
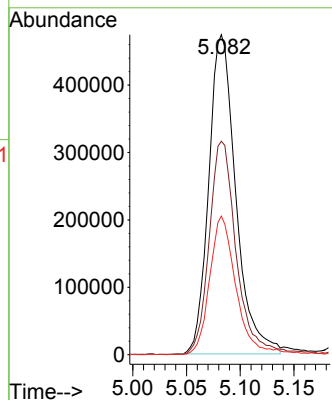


#31
 cis-1,2-Dichloroethene
 Concen: 8.523 ppbv
 RT: 5.082 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VL041561.D
 Acq: 21 Aug 2024 10:27

Instrument :
 MSVOA_L
 ClientSampleId :

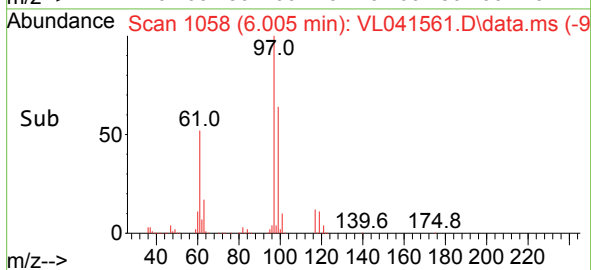
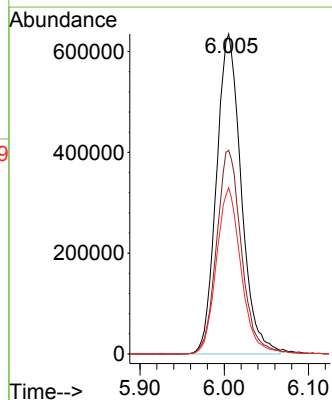
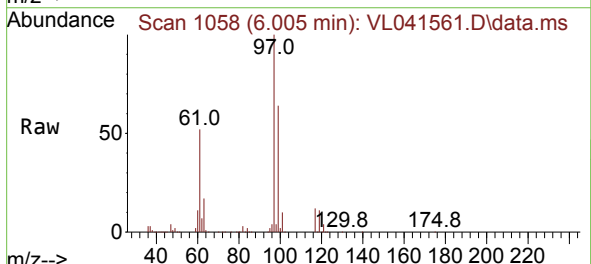


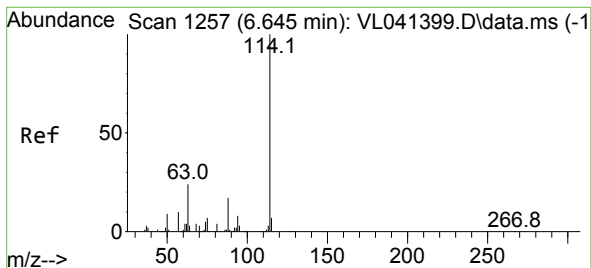
Tgt Ion: 61 Resp: 830591
 Ion Ratio Lower Upper
 61 100
 96 66.8 53.4 80.2
 98 43.3 34.4 51.6



#32
 1,1,1-Trichloroethane
 Concen: 8.261 ppbv
 RT: 6.005 min Scan# 1058
 Delta R.T. -0.000 min
 Lab File: VL041561.D
 Acq: 21 Aug 2024 10:27

Tgt Ion: 97 Resp: 1293807
 Ion Ratio Lower Upper
 97 100
 99 64.3 52.0 78.0
 61 52.2 41.8 62.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.655 min Scan# 114

Delta R.T. -0.000 min

Lab File: VL041561.D

Acq: 21 Aug 2024 10:27

Instrument :

MSVOA_L

ClientSampleId :

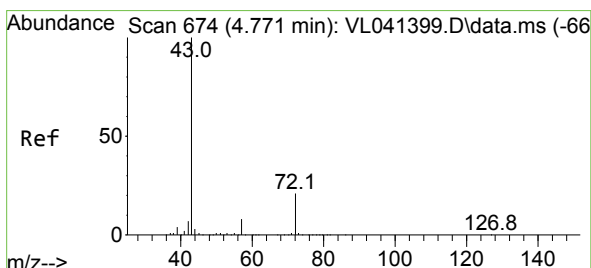
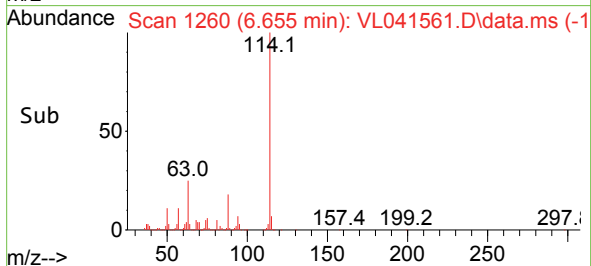
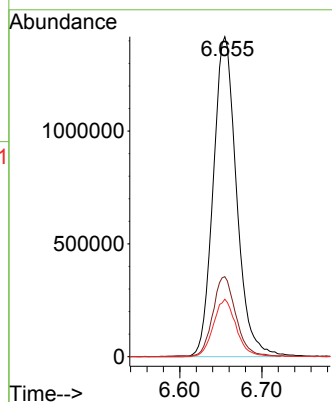
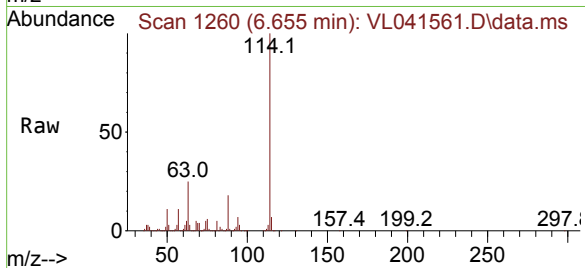
Tgt Ion:114 Resp: 2802483

Ion Ratio Lower Upper

114 100

63 25.3 20.3 30.5

88 17.7 14.3 21.5



#34

2-Butanone

Concen: 8.824 ppbv

RT: 4.793 min Scan# 681

Delta R.T. -0.000 min

Lab File: VL041561.D

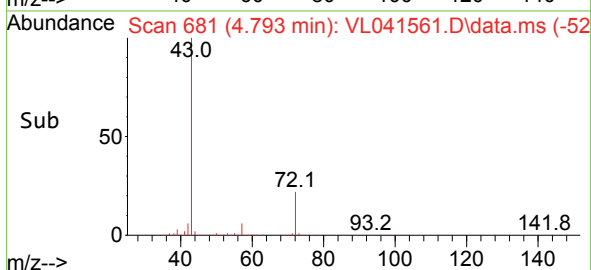
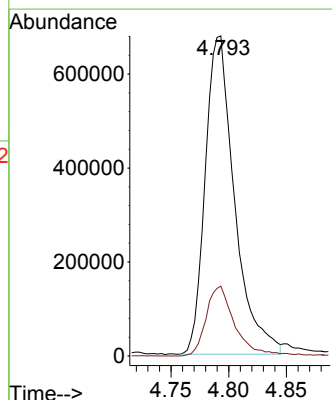
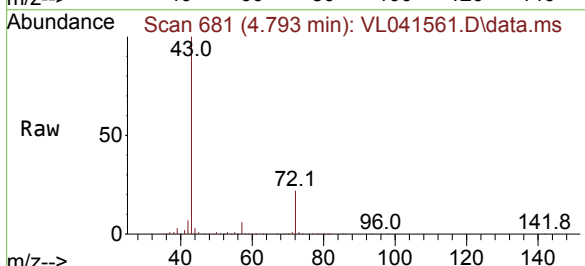
Acq: 21 Aug 2024 10:27

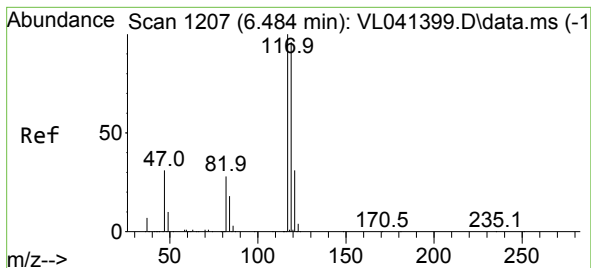
Tgt Ion: 43 Resp: 1196218

Ion Ratio Lower Upper

43 100

72 22.0 17.3 25.9





#35

Carbon Tetrachloride

Concen: 8.697 ppbv

RT: 6.494 min Scan# 1172

Delta R.T. -0.003 min

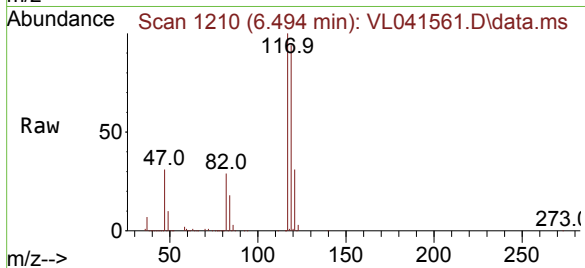
Lab File: VL041561.D

Acq: 21 Aug 2024 10:27

Instrument :

MSVOA_L

ClientSampleId :



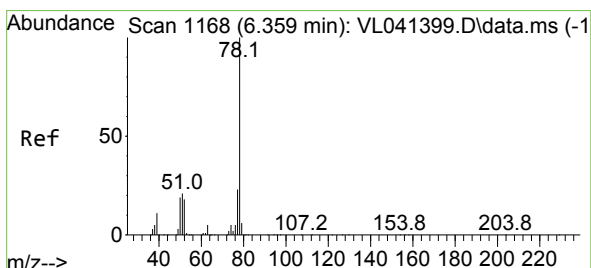
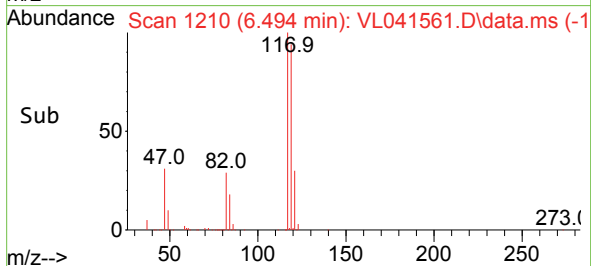
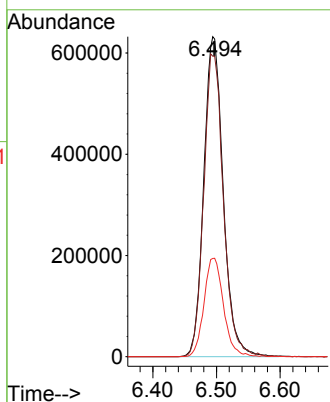
Tgt Ion:117 Resp: 1344303

Ion Ratio Lower Upper

117 100

119 93.9 76.6 115.0

121 30.7 25.1 37.7



#36

Benzene

Concen: 8.951 ppbv

RT: 6.372 min Scan# 1172

Delta R.T. -0.000 min

Lab File: VL041561.D

Acq: 21 Aug 2024 10:27

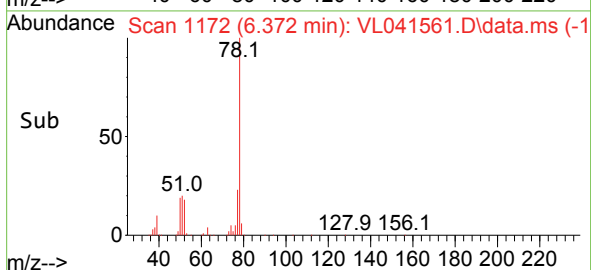
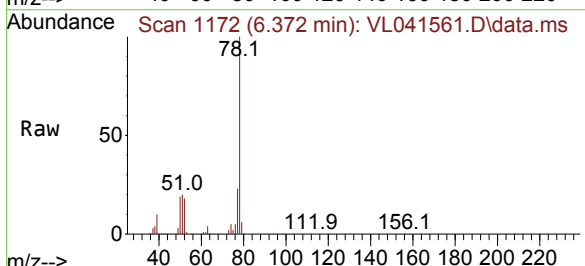
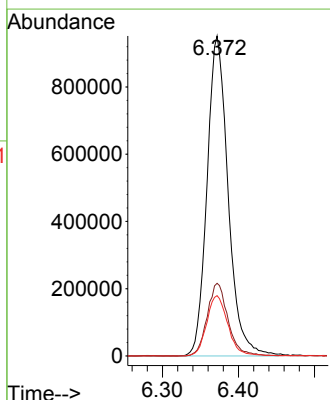
Tgt Ion: 78 Resp: 1833009

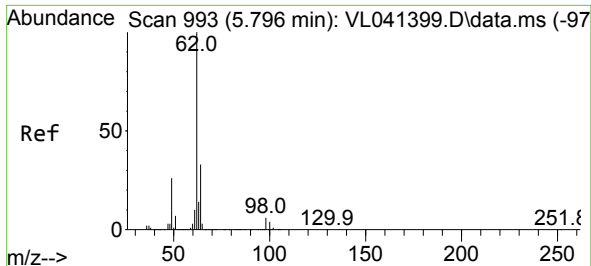
Ion Ratio Lower Upper

78 100

77 22.7 18.1 27.1

50 18.8 15.5 23.3





#37

1,2-Dichloroethane

Concen: 8.666 ppbv

RT: 5.809 min Scan# 993

Delta R.T. -0.000 min

Lab File: VL041561.D

Acq: 21 Aug 2024 10:27

Instrument :

MSVOA_L

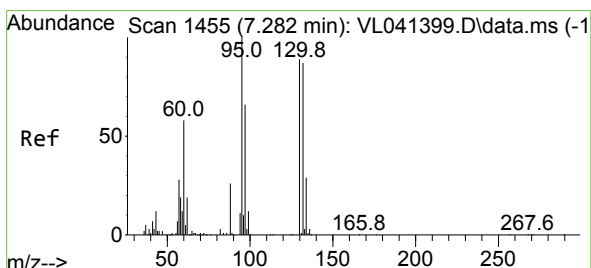
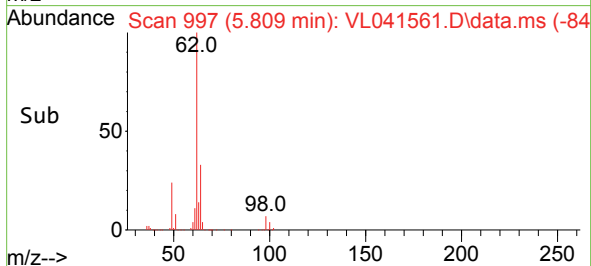
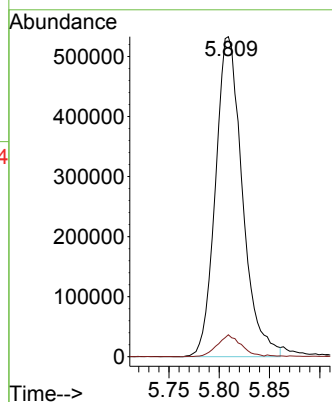
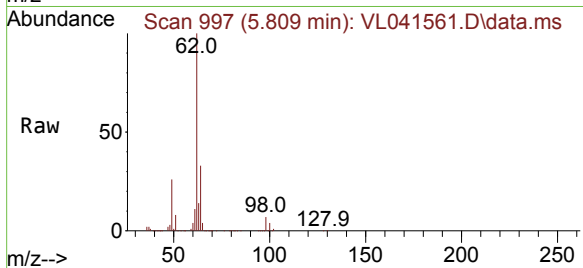
ClientSampleId :

Tgt Ion: 62 Resp: 993240

Ion Ratio Lower Upper

62 100

98 6.4 5.0 7.4



#38

Trichloroethene

Concen: 9.548 ppbv

RT: 7.291 min Scan# 1458

Delta R.T. -0.000 min

Lab File: VL041561.D

Acq: 21 Aug 2024 10:27

Tgt Ion:130 Resp: 895786

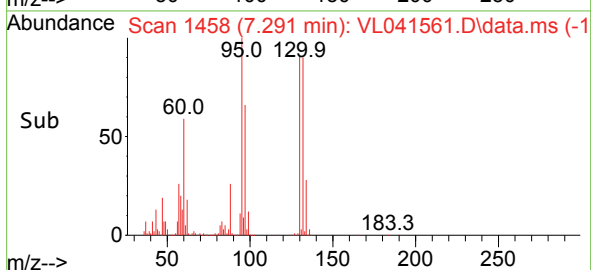
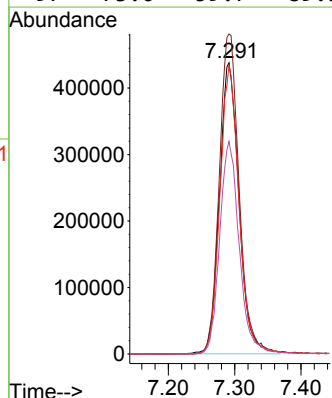
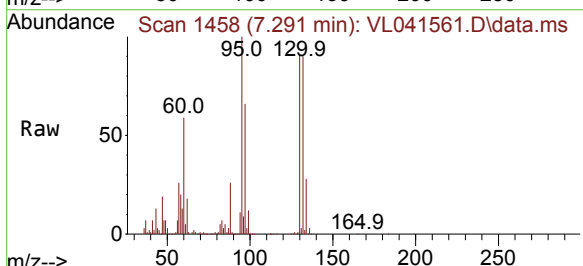
Ion Ratio Lower Upper

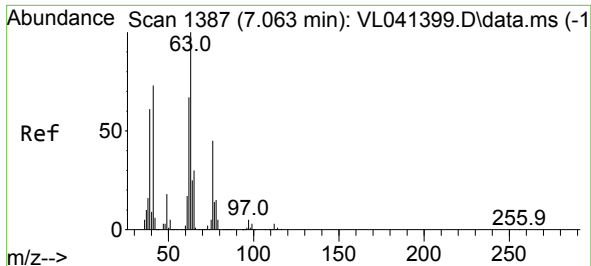
130 100

95 109.9 90.2 135.2

132 99.0 78.1 117.1

97 73.0 59.7 89.5





#39

1,2-Dichloropropane

Concen: 9.051 ppbv

RT: 7.076 min Scan# 11

Delta R.T. -0.000 min

Lab File: VL041561.D

Acq: 21 Aug 2024 10:27

Instrument :

MSVOA_L

ClientSampleId :

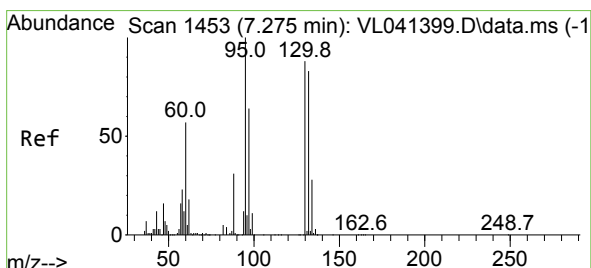
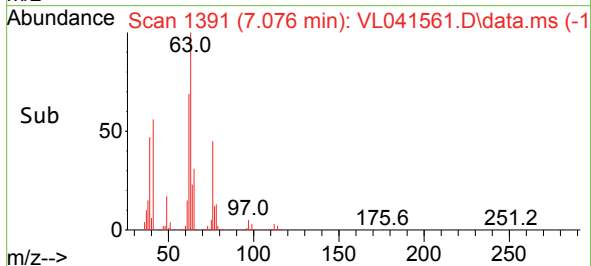
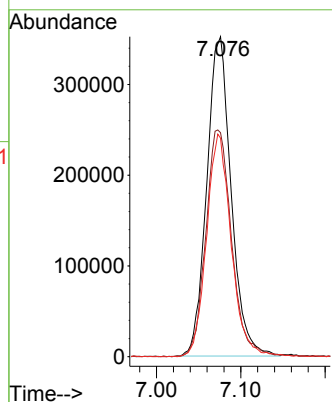
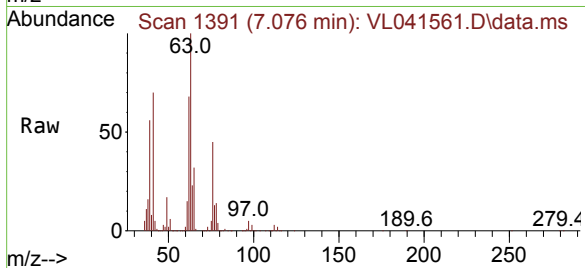
Tgt Ion: 63 Resp: 709585

Ion Ratio Lower Upper

63 100

41 69.9 58.3 87.5

62 68.2 53.9 80.9



#40

1,4-Dioxane

Concen: 9.307 ppbv

RT: 7.288 min Scan# 1457

Delta R.T. -0.006 min

Lab File: VL041561.D

Acq: 21 Aug 2024 10:27

Tgt Ion: 88 Resp: 293125

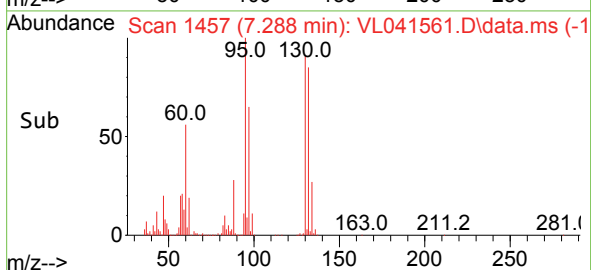
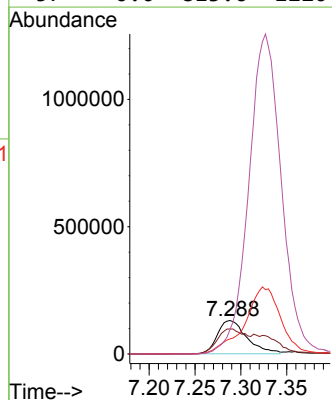
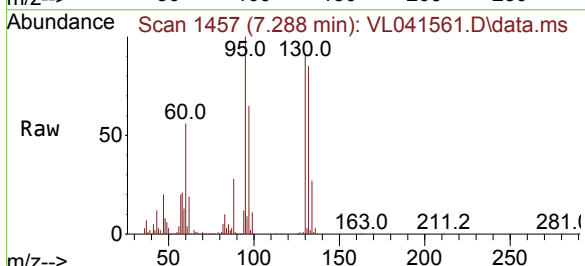
Ion Ratio Lower Upper

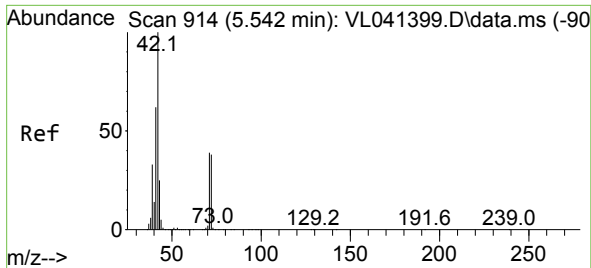
88 100

58 125.4 95.8 143.6

43 0.0 188.2 282.2#

57 0.0 813.6 1220.4#

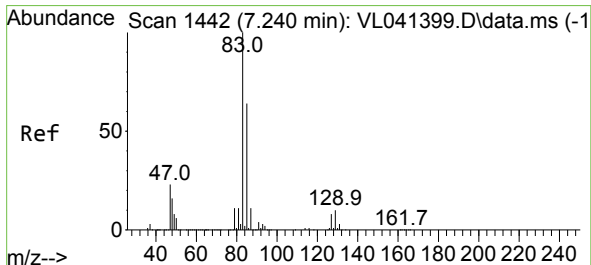
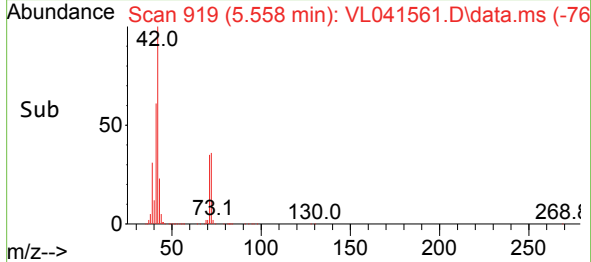
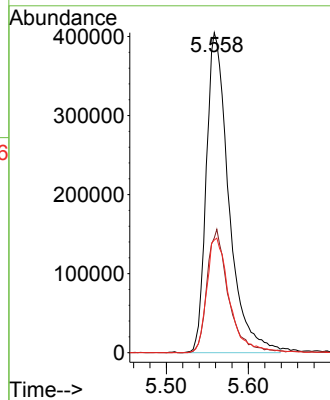
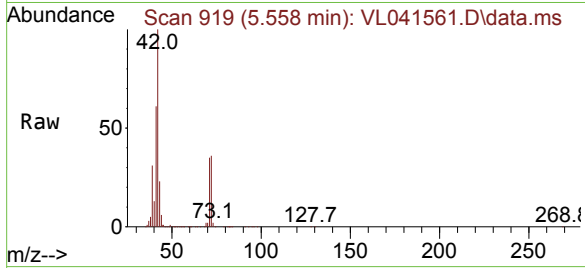




#41
Tetrahydrofuran
Concen: 9.946 ppbv
RT: 5.558 min Scan# 914
Delta R.T. -0.003 min
Lab File: VL041561.D
Acq: 21 Aug 2024 10:27

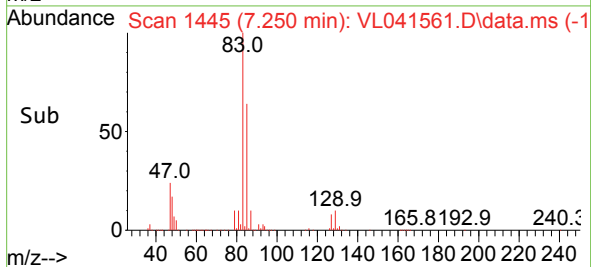
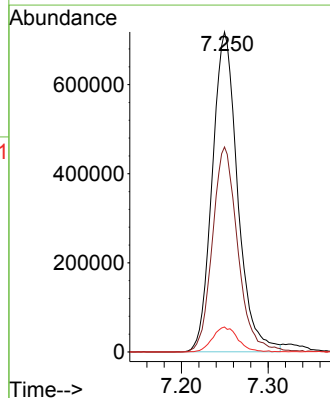
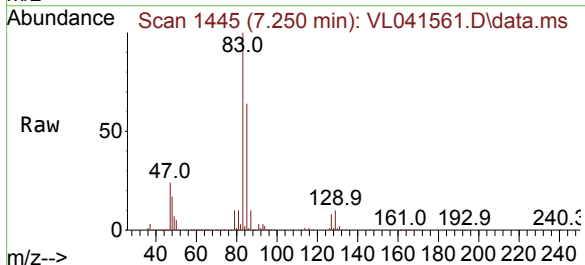
Instrument :
MSVOA_L
ClientSampleId :

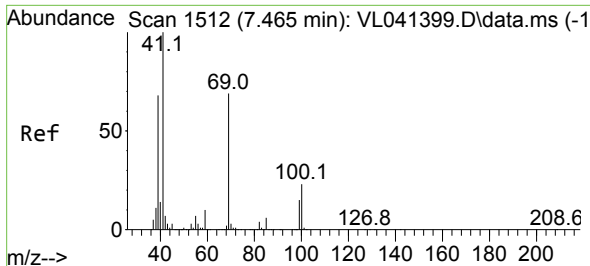
Tgt Ion: 42 Resp: 771139
Ion Ratio Lower Upper
42 100
72 37.2 31.2 46.8
71 36.6 30.5 45.7



#42
Bromodichloromethane
Concen: 8.834 ppbv
RT: 7.250 min Scan# 1445
Delta R.T. -0.003 min
Lab File: VL041561.D
Acq: 21 Aug 2024 10:27

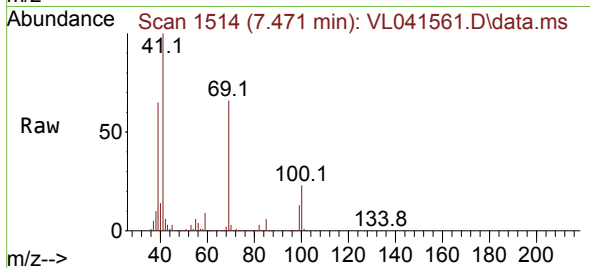
Tgt Ion: 83 Resp: 1461993
Ion Ratio Lower Upper
83 100
85 64.1 51.4 77.0
127 7.8 6.7 10.1





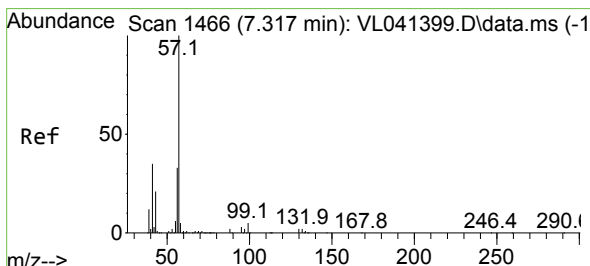
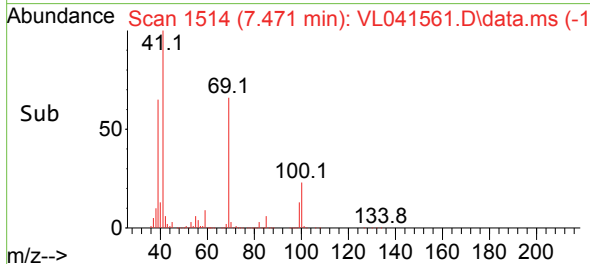
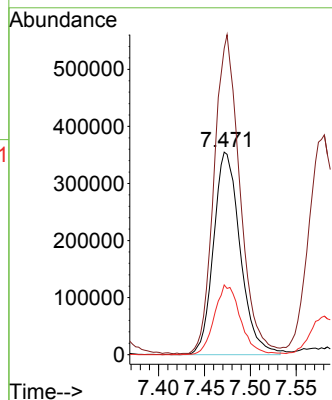
#43
Methyl Methacrylate
Concen: 9.761 ppbv
RT: 7.471 min Scan# 1514
Delta R.T. -0.003 min
Lab File: VL041561.D
Acq: 21 Aug 2024 10:27

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion: 69 Resp: 716757

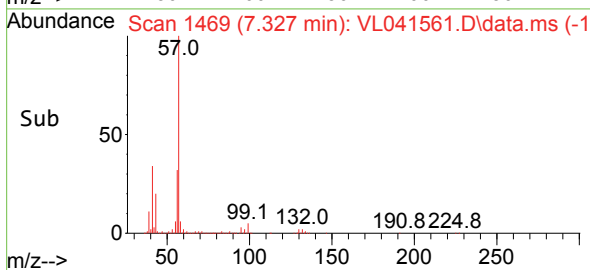
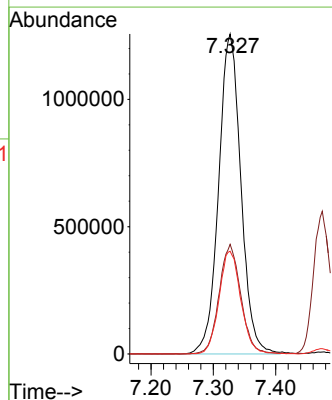
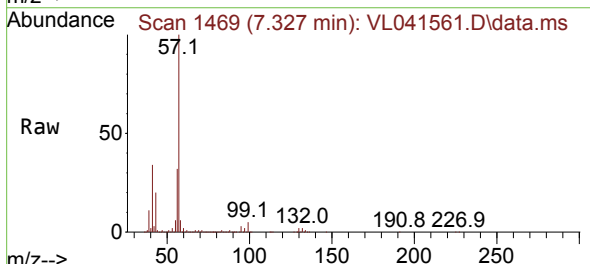
Ion	Ratio	Lower	Upper
69	100		
41	154.2	118.7	178.1
100	33.8	27.0	40.4

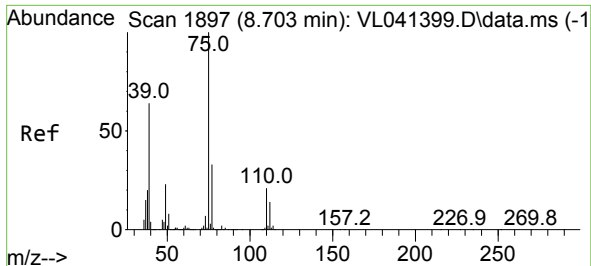


#44
2,2,4-Trimethylpentane
Concen: 9.107 ppbv
RT: 7.327 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VL041561.D
Acq: 21 Aug 2024 10:27

Tgt Ion: 57 Resp: 3114819

Ion	Ratio	Lower	Upper
57	100		
41	33.4	27.0	40.6
56	31.6	25.2	37.8

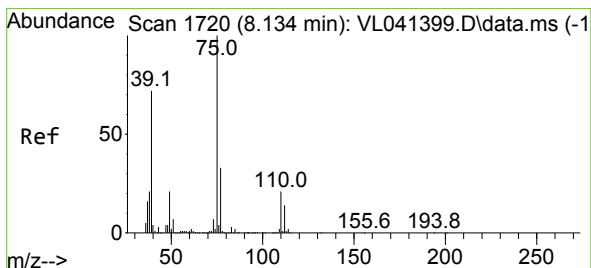
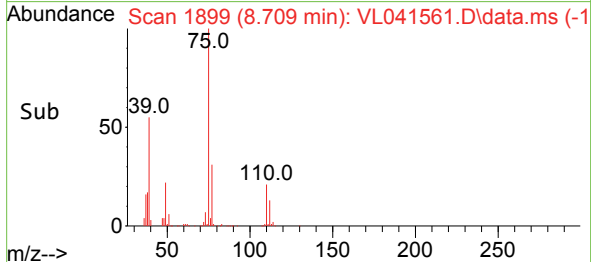
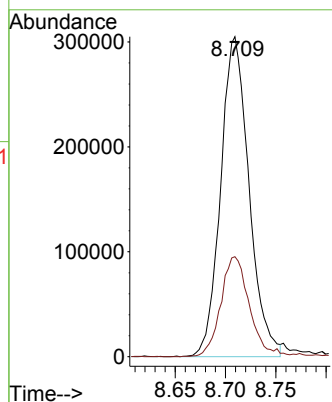
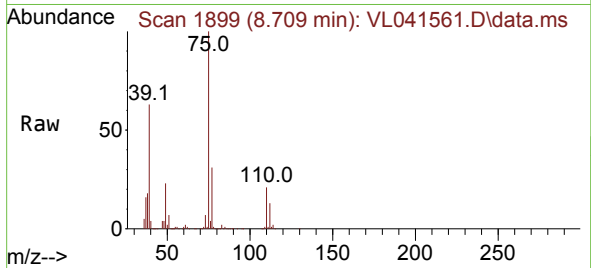




#45
 t-1,3-Dichloropropene
 Concen: 8.860 ppbv
 RT: 8.709 min Scan# 1897
 Delta R.T. -0.003 min
 Lab File: VL041561.D
 Acq: 21 Aug 2024 10:27

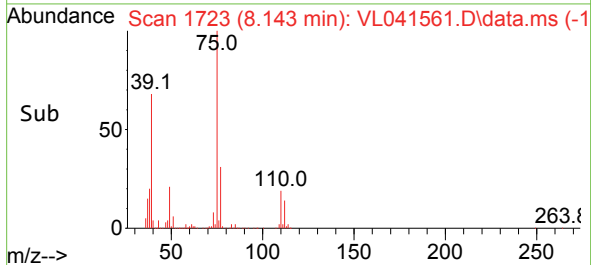
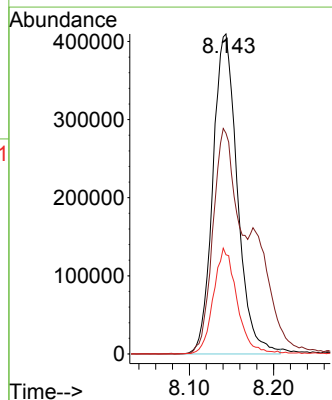
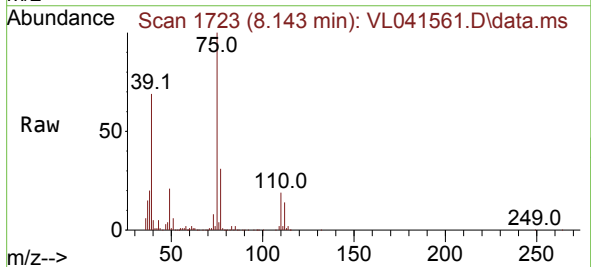
Instrument :
 MSVOA_L
 ClientSampleId :

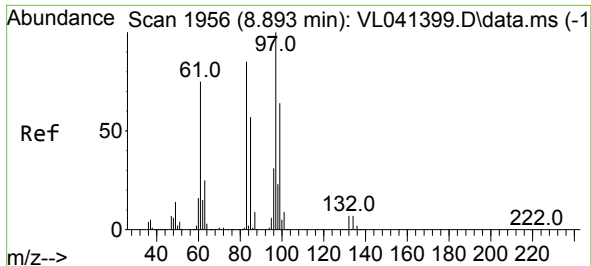
Tgt Ion: 75 Resp: 598859
 Ion Ratio Lower Upper
 75 100
 77 31.3 26.5 39.7



#46
 cis-1,3-Dichloropropene
 Concen: 8.469 ppbv
 RT: 8.143 min Scan# 1723
 Delta R.T. -0.000 min
 Lab File: VL041561.D
 Acq: 21 Aug 2024 10:27

Tgt Ion: 75 Resp: 826618
 Ion Ratio Lower Upper
 75 100
 39 68.9 57.3 85.9
 77 31.0 26.2 39.2





#47

1,1,2-Trichloroethane

Concen: 8.837 ppbv

RT: 8.896 min Scan# 1956

Delta R.T. -0.003 min

Lab File: VL041561.D

Acq: 21 Aug 2024 10:27

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 97 Resp: 763699

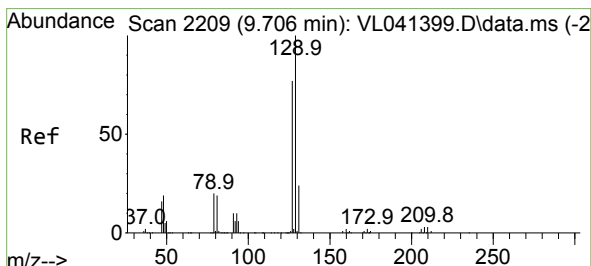
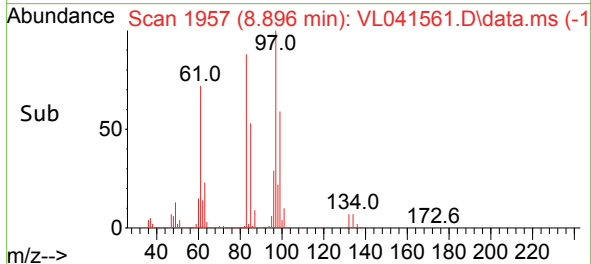
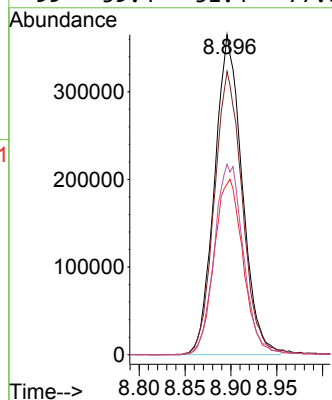
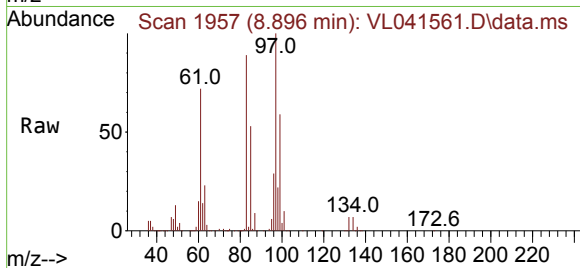
Ion Ratio Lower Upper

97 100

83 88.4 67.6 101.4

85 53.4 45.9 68.9

99 59.4 51.4 77.0



#48

Dibromochloromethane

Concen: 9.191 ppbv

RT: 9.706 min Scan# 2209

Delta R.T. -0.006 min

Lab File: VL041561.D

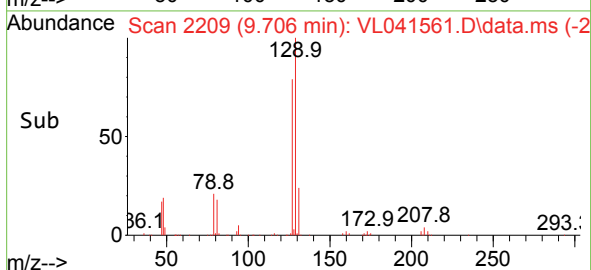
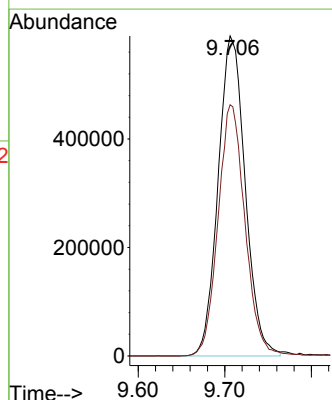
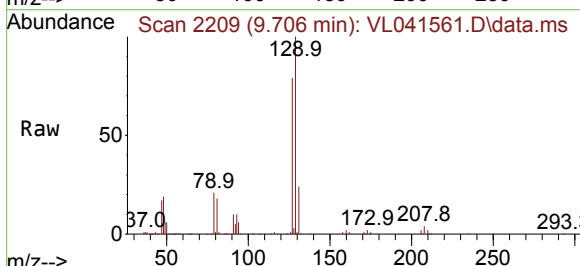
Acq: 21 Aug 2024 10:27

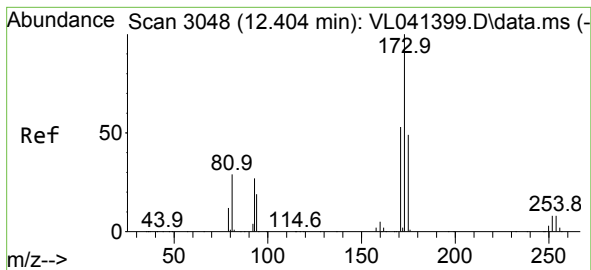
Tgt Ion: 129 Resp: 1279552

Ion Ratio Lower Upper

129 100

127 78.3 39.3 117.8





#49

Bromoform

Concen: 10.066 ppbv

RT: 12.400 min Scan# 3048

Delta R.T. -0.006 min

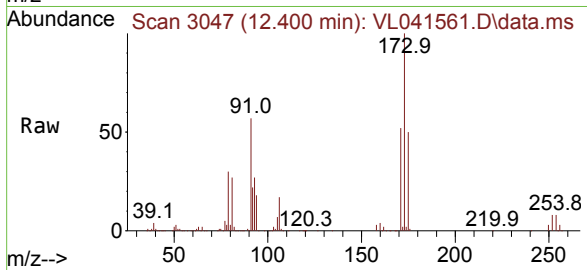
Lab File: VL041561.D

Acq: 21 Aug 2024 10:27

Instrument :

MSVOA_L

ClientSampleId :



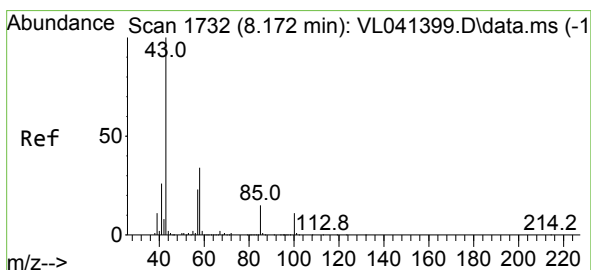
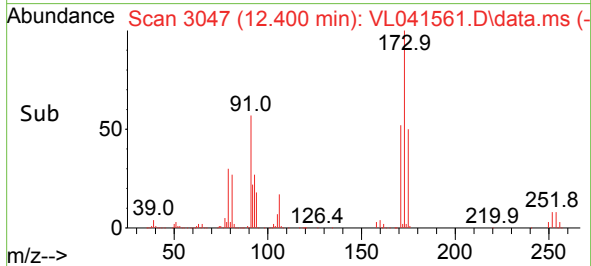
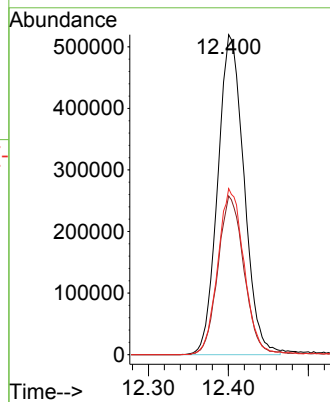
Tgt Ion:173 Resp: 1183780

Ion Ratio Lower Upper

173 100

175 50.0 39.9 59.9

171 52.3 41.7 62.5



#50

4-Methyl-2-Pentanone

Concen: 9.631 ppbv

RT: 8.179 min Scan# 1734

Delta R.T. -0.003 min

Lab File: VL041561.D

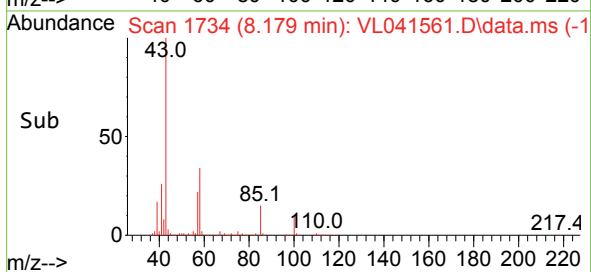
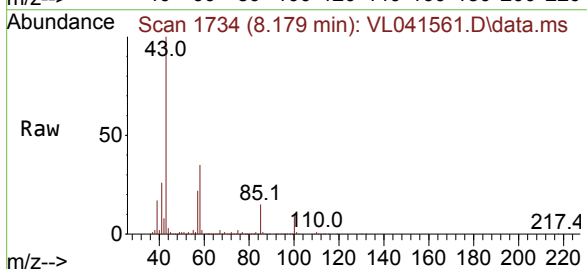
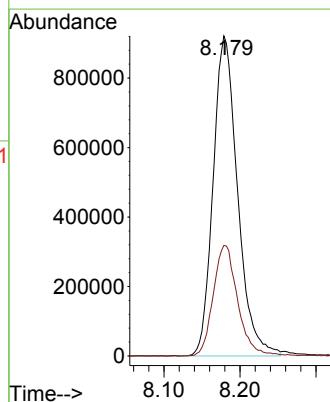
Acq: 21 Aug 2024 10:27

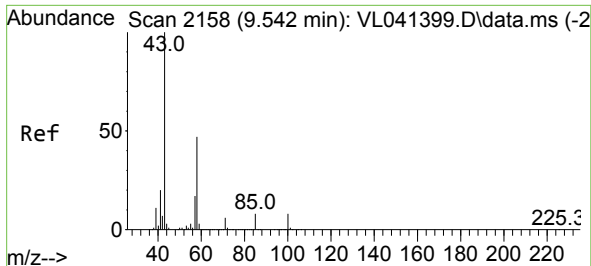
Tgt Ion: 43 Resp: 2059991

Ion Ratio Lower Upper

43 100

58 34.7 27.9 41.9

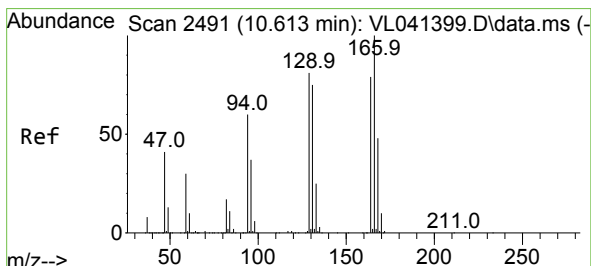
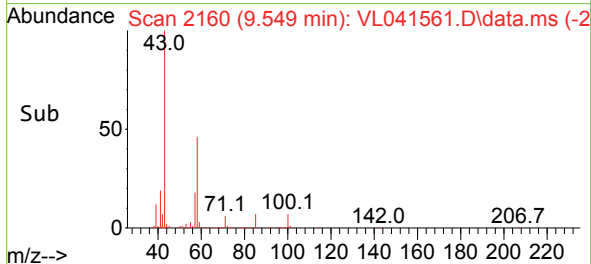
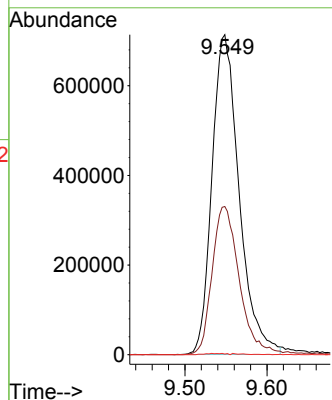
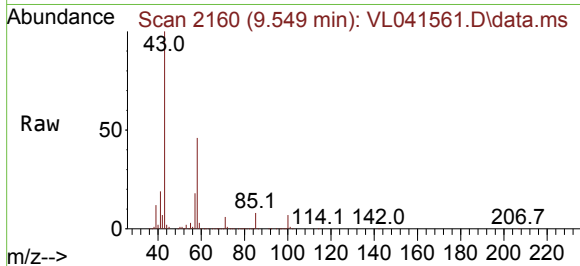




#51
2-Hexanone
Concen: 10.143 ppbv
RT: 9.549 min Scan# 2158
Delta R.T. -0.003 min
Lab File: VL041561.D
Acq: 21 Aug 2024 10:27

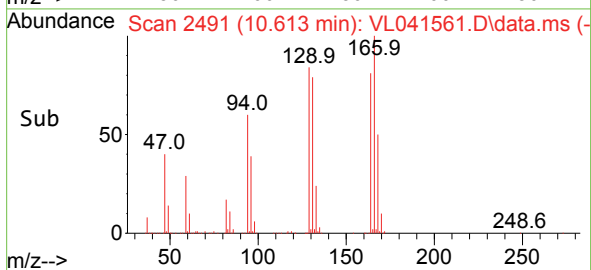
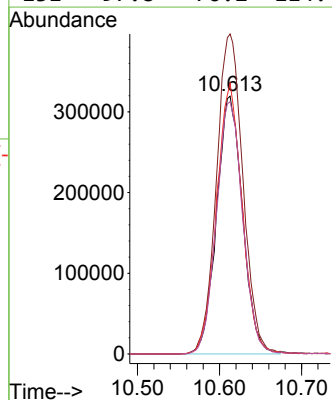
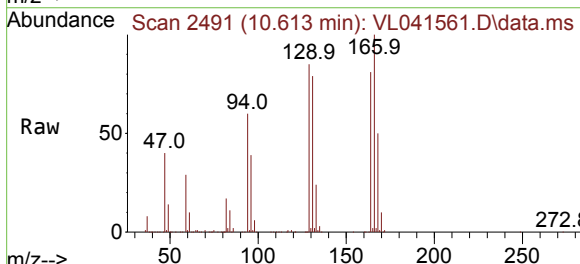
Instrument :
MSVOA_L
ClientSampleId :

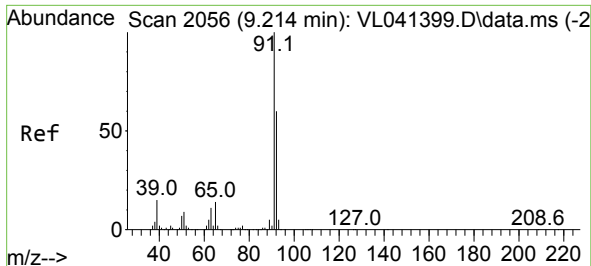
Tgt Ion: 43 Resp: 1640366
Ion Ratio Lower Upper
43 100
58 47.1 38.2 57.2
98 0.5 0.3 0.5#



#52
Tetrachloroethene
Concen: 8.869 ppbv
RT: 10.613 min Scan# 2491
Delta R.T. -0.003 min
Lab File: VL041561.D
Acq: 21 Aug 2024 10:27

Tgt Ion: 164 Resp: 701733
Ion Ratio Lower Upper
164 100
166 124.1 101.1 151.7
129 104.9 81.7 122.5
131 97.8 76.2 114.4

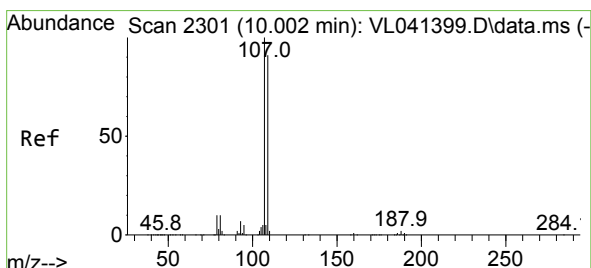
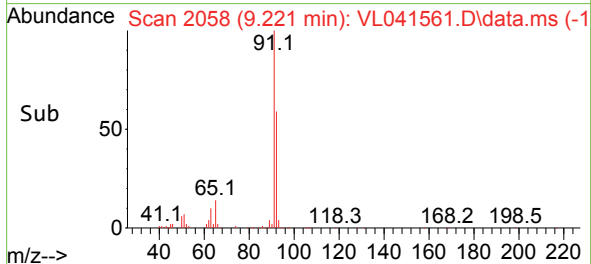
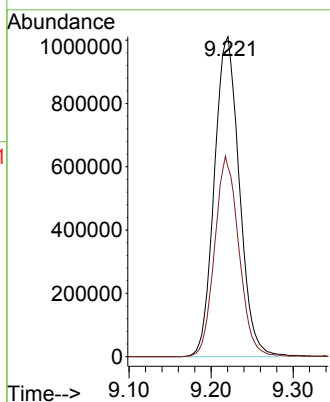
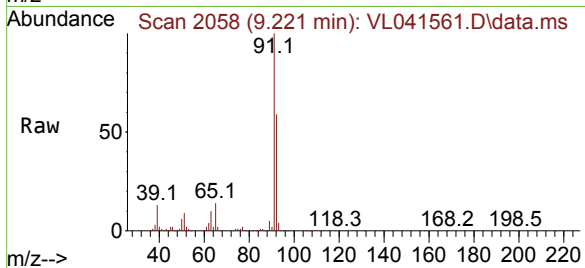




#53
Toluene
Concen: 9.387 ppbv
RT: 9.221 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VL041561.D
Acq: 21 Aug 2024 10:27

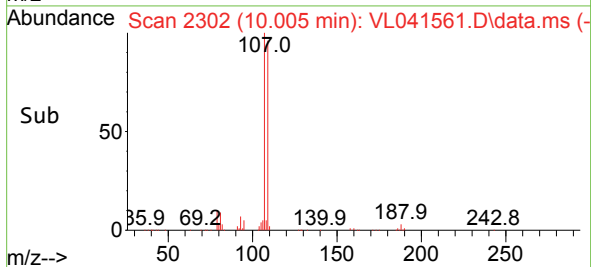
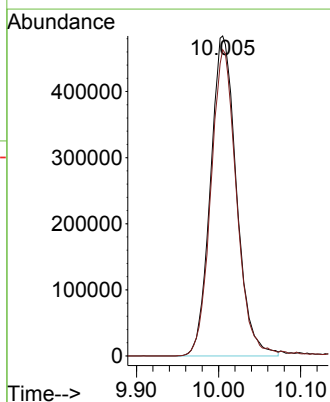
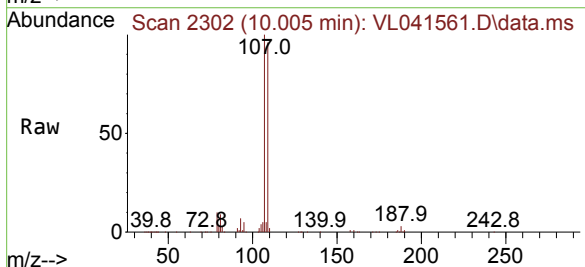
Instrument :
MSVOA_L
ClientSampleId :

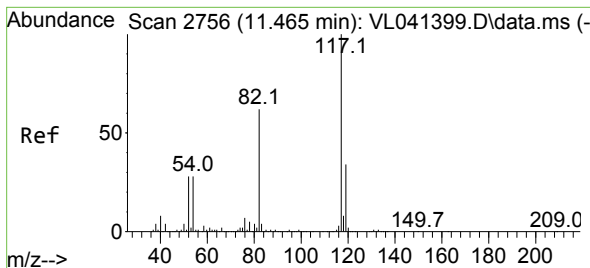
Tgt Ion: 91 Resp: 2141144
Ion Ratio Lower Upper
91 100
92 61.1 48.7 73.1



#54
1,2-Dibromoethane
Concen: 9.269 ppbv
RT: 10.005 min Scan# 2302
Delta R.T. -0.006 min
Lab File: VL041561.D
Acq: 21 Aug 2024 10:27

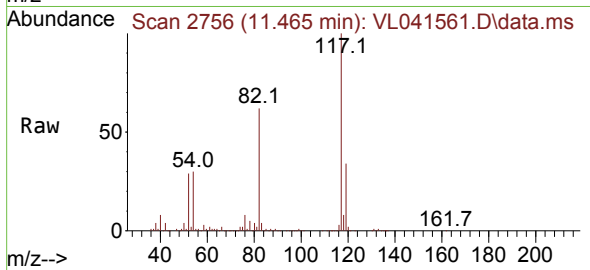
Tgt Ion: 107 Resp: 1066187
Ion Ratio Lower Upper
107 100
109 95.6 72.7 109.1



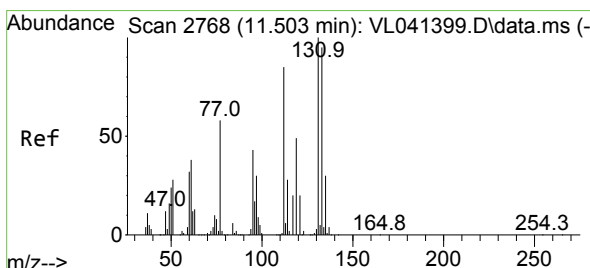
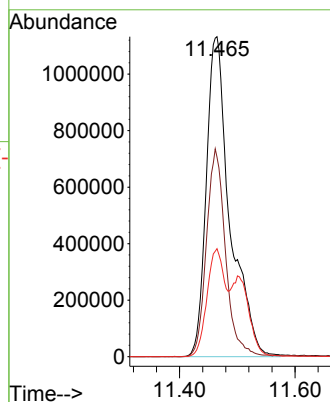
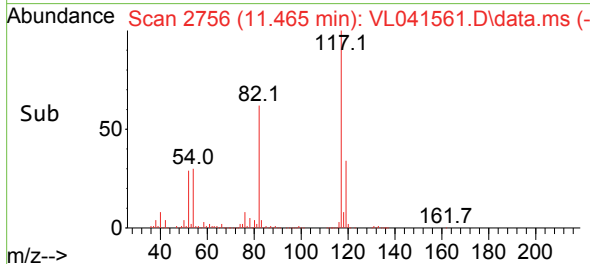


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.465 min Scan# 2756
Delta R.T. -0.000 min
Lab File: VL041561.D
Acq: 21 Aug 2024 10:27

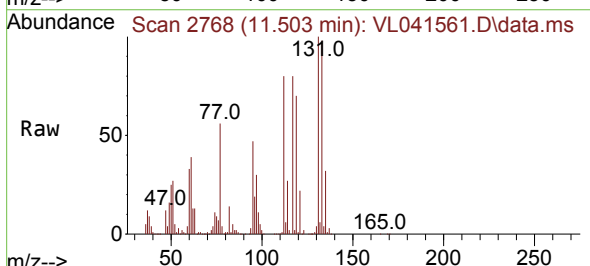
Instrument :
MSVOA_L
ClientSampleId :



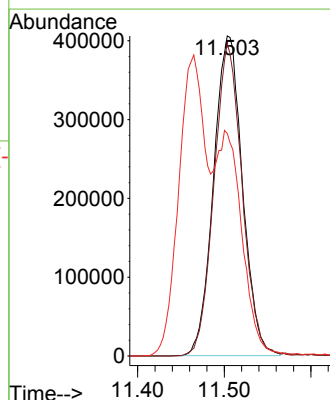
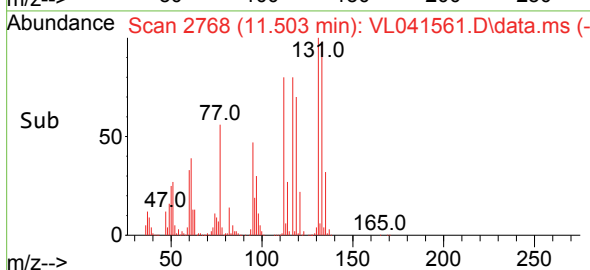
Tgt Ion:117 Resp: 3223216
Ion Ratio Lower Upper
117 100
82 52.8 51.0 76.6
119 25.7 45.2 67.8#

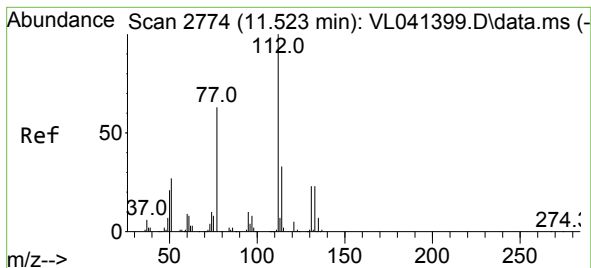


#56
1,1,1,2-Tetrachloroethane
Concen: 7.529 ppbv
RT: 11.503 min Scan# 2768
Delta R.T. -0.006 min
Lab File: VL041561.D
Acq: 21 Aug 2024 10:27



Tgt Ion:131 Resp: 941130
Ion Ratio Lower Upper
131 100
133 95.5 77.0 115.4
119 56.5 121.5 182.3#

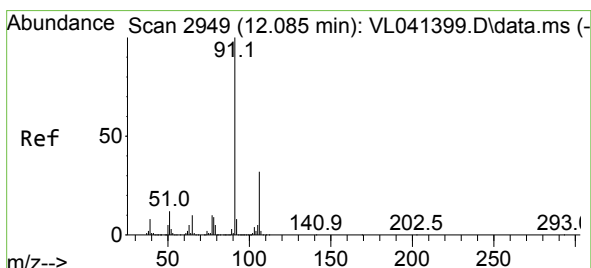
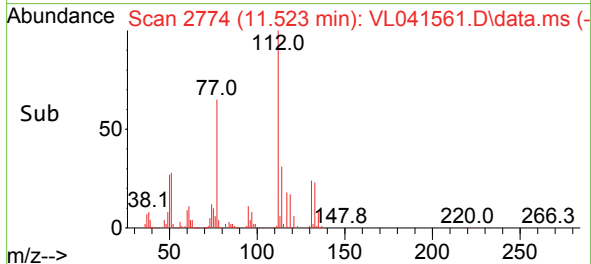
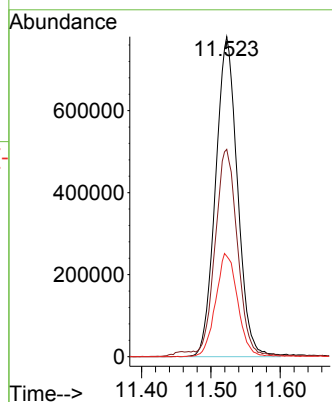
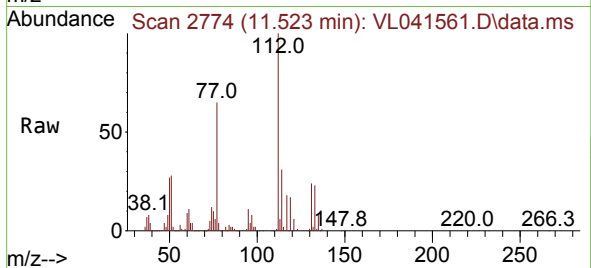




#57
Chlorobenzene
Concen: 7.467 ppbv
RT: 11.523 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL041561.D
Acq: 21 Aug 2024 10:27

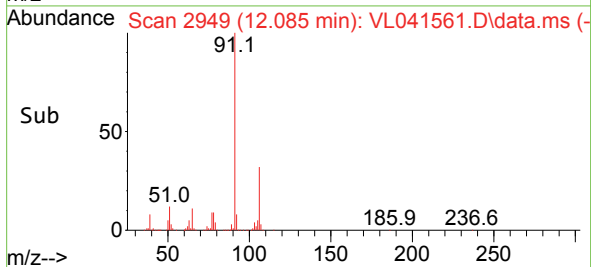
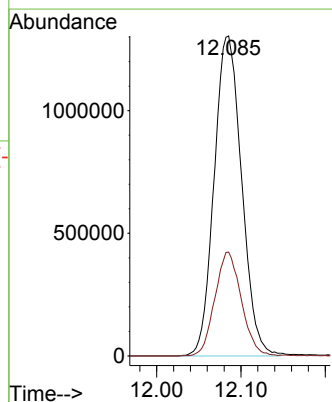
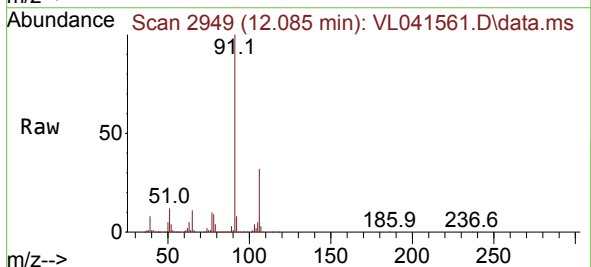
Instrument :
MSVOA_L
ClientSampleId :

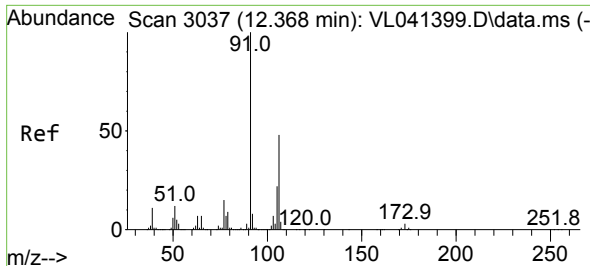
Tgt Ion:112 Resp: 1713601
Ion Ratio Lower Upper
112 100
77 64.3 51.1 76.7
114 31.3 29.5 36.1



#58
Ethyl Benzene
Concen: 7.956 ppbv
RT: 12.085 min Scan# 2949
Delta R.T. -0.003 min
Lab File: VL041561.D
Acq: 21 Aug 2024 10:27

Tgt Ion: 91 Resp: 2955668
Ion Ratio Lower Upper
91 100
106 32.4 25.8 38.8

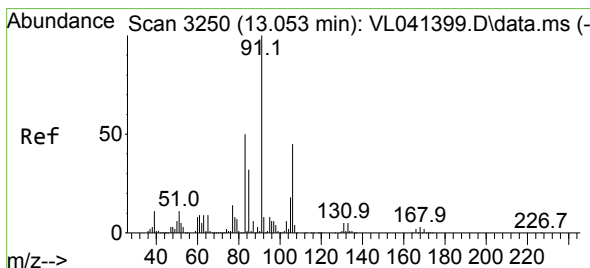
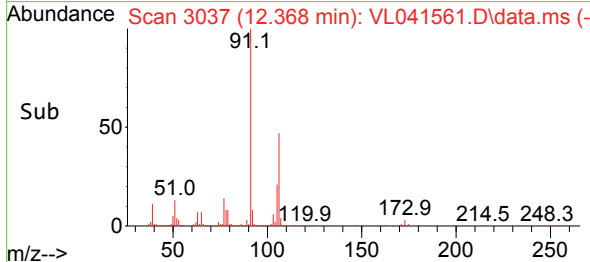
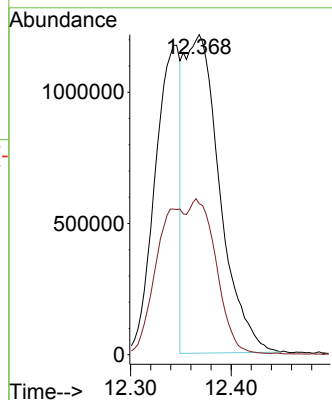
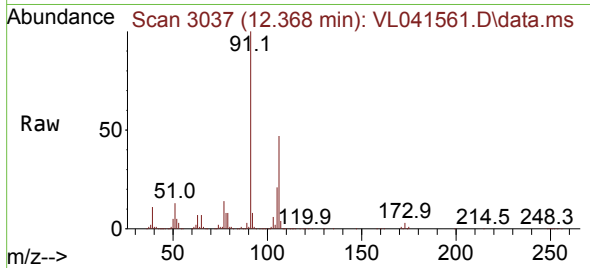




#59
m/p-Xylene
Concen: 9.327 ppbv
RT: 12.368 min Scan# 3037
Delta R.T. -0.003 min
Lab File: VL041561.D
Acq: 21 Aug 2024 10:27

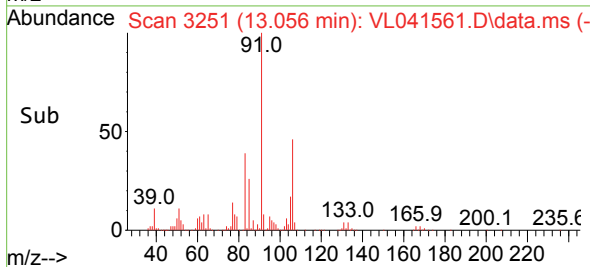
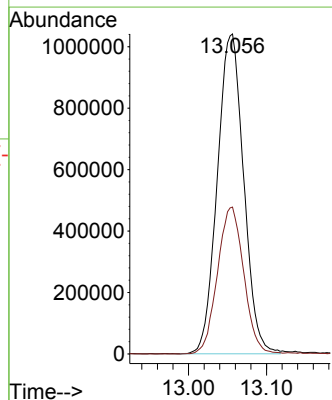
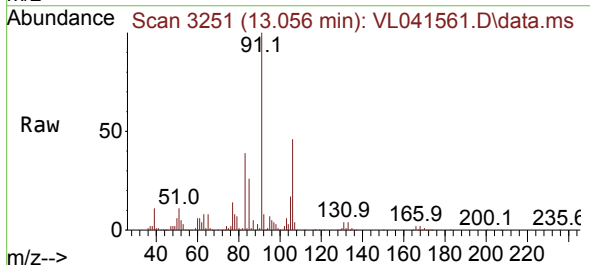
Instrument :
MSVOA_L
ClientSampleId :

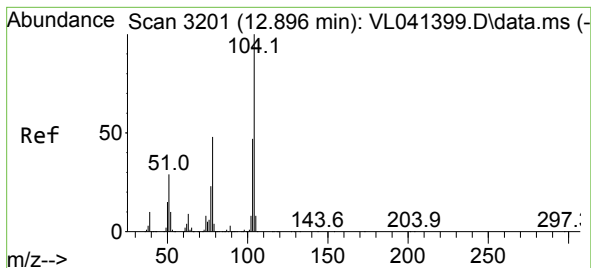
Tgt Ion: 91 Resp: 2991348
Ion Ratio Lower Upper
91 100
106 77.2 36.3 54.5#



#60
o-Xylene
Concen: 8.066 ppbv
RT: 13.056 min Scan# 3251
Delta R.T. -0.000 min
Lab File: VL041561.D
Acq: 21 Aug 2024 10:27

Tgt Ion: 91 Resp: 2446970
Ion Ratio Lower Upper
91 100
106 46.4 23.1 69.3





#61

Styrene

Concen: 8.758 ppbv

RT: 12.896 min Scan# 31

Delta R.T. -0.000 min

Lab File: VL041561.D

Acq: 21 Aug 2024 10:27

Instrument :

MSVOA_L

ClientSampleId :

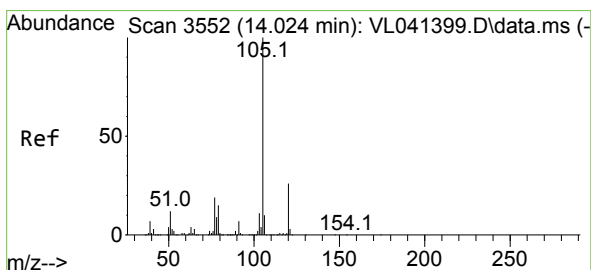
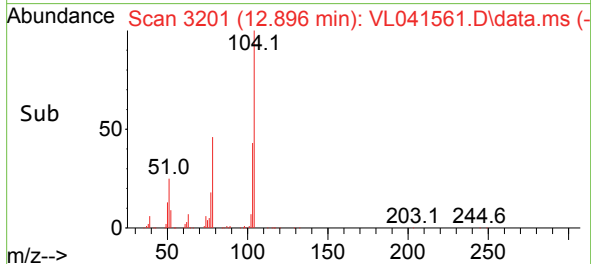
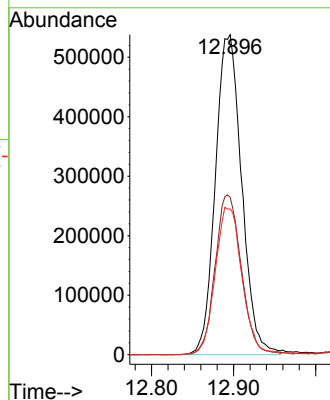
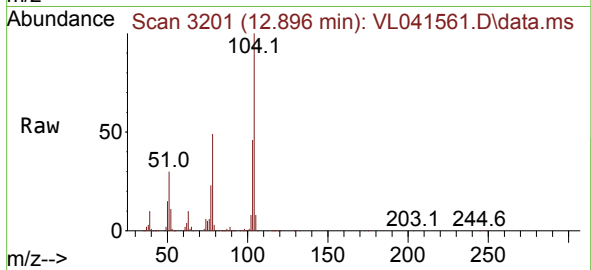
Tgt Ion:104 Resp: 1198627

Ion Ratio Lower Upper

104 100

78 50.2 40.8 61.2

103 47.1 38.2 57.4



#62

Isopropylbenzene

Concen: 7.816 ppbv

RT: 14.024 min Scan# 3552

Delta R.T. -0.003 min

Lab File: VL041561.D

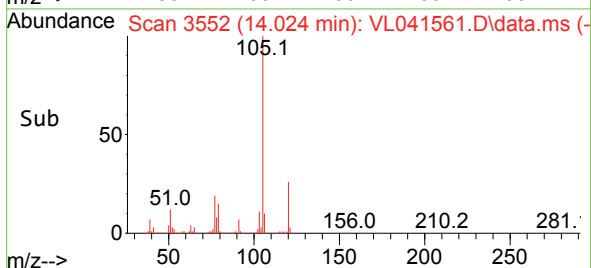
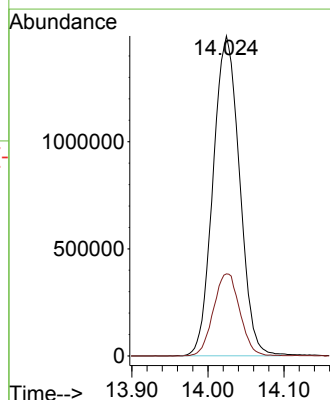
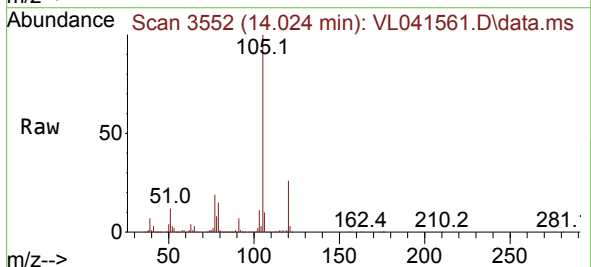
Acq: 21 Aug 2024 10:27

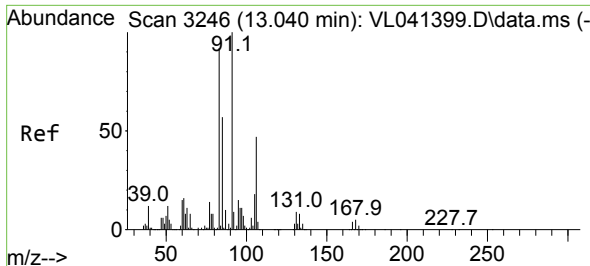
Tgt Ion:105 Resp: 3604735

Ion Ratio Lower Upper

105 100

120 25.9 21.0 31.4

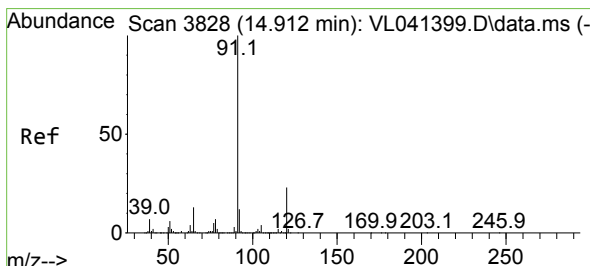
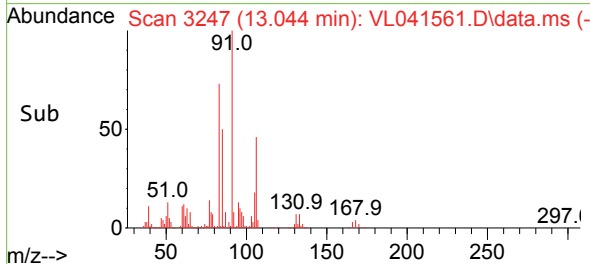
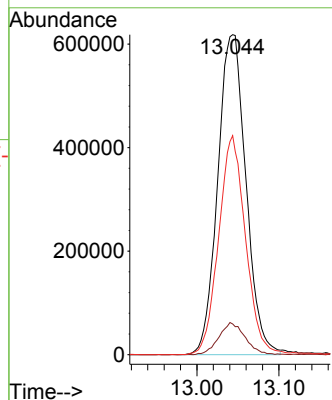
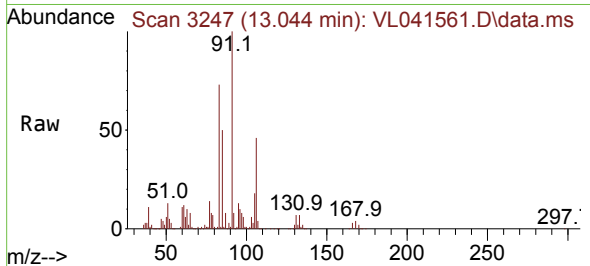




#63
1,1,2,2-Tetrachloroethane
Concen: 7.710 ppbv
RT: 13.044 min Scan# 31
Delta R.T. -0.000 min
Lab File: VL041561.D
Acq: 21 Aug 2024 10:27

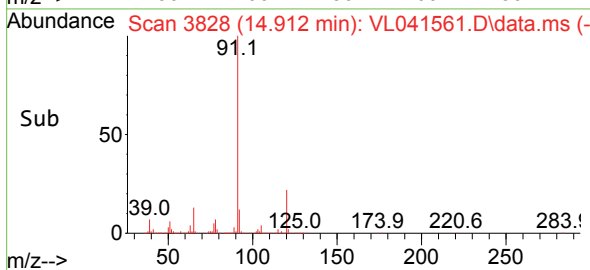
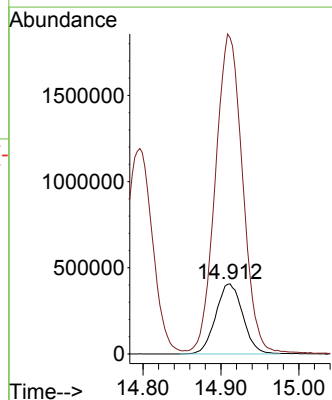
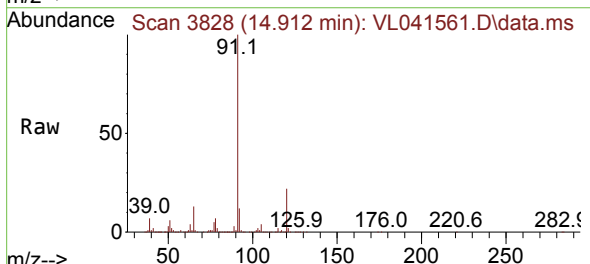
Instrument :
MSVOA_L
ClientSampleId :

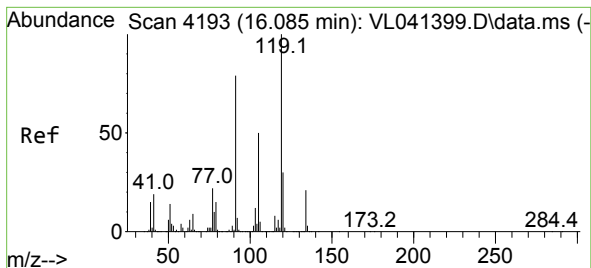
Tgt Ion: 83 Resp: 1476993
Ion Ratio Lower Upper
83 100
131 9.5 4.8 14.4
85 66.1 32.6 98.0



#64
n-propylbenzene
Concen: 8.146 ppbv
RT: 14.912 min Scan# 3828
Delta R.T. -0.003 min
Lab File: VL041561.D
Acq: 21 Aug 2024 10:27

Tgt Ion:120 Resp: 982208
Ion Ratio Lower Upper
120 100
91 462.2 361.4 542.0

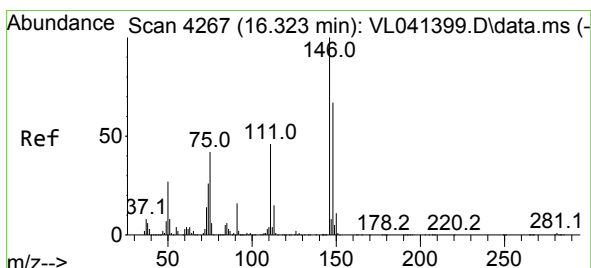
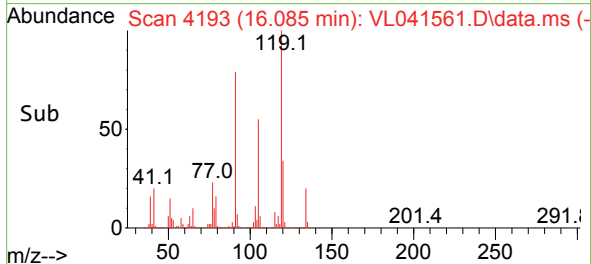
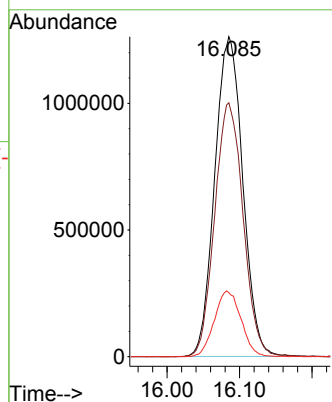
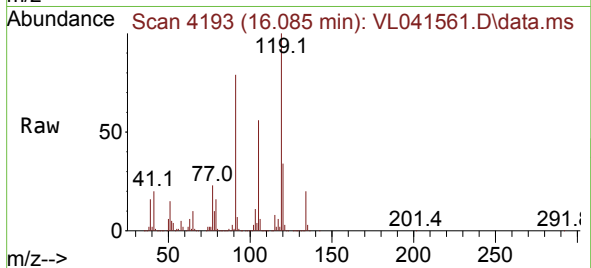




#65
tert-Butylbenzene
Concen: 8.134 ppbv
RT: 16.085 min Scan# 4193
Delta R.T. -0.003 min
Lab File: VL041561.D
Acq: 21 Aug 2024 10:27

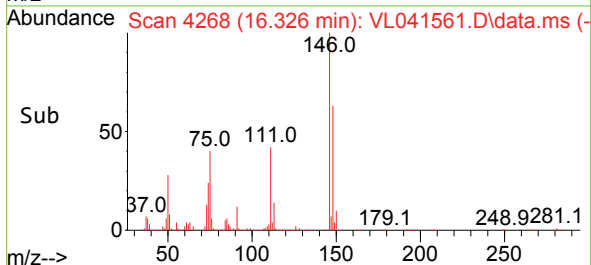
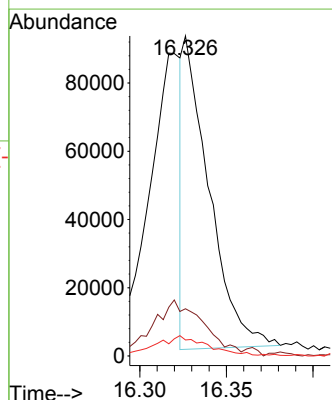
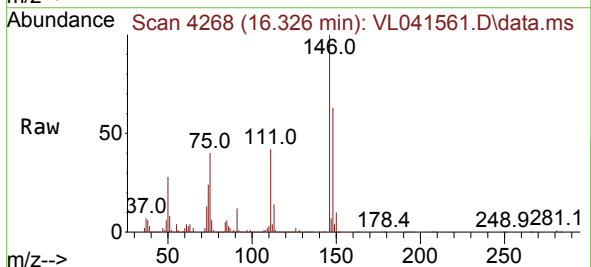
Instrument :
MSVOA_L
ClientSampleId :

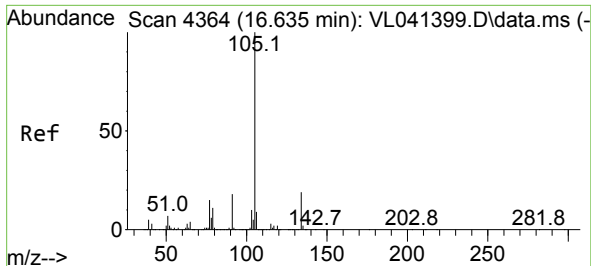
Tgt Ion:119 Resp: 3388503
Ion Ratio Lower Upper
119 100
91 80.5 64.2 96.2
134 19.7 15.7 23.5



#66
Benzyl Chloride
Concen: 3.558 ppbv
RT: 16.326 min Scan# 4268
Delta R.T. -0.000 min
Lab File: VL041561.D
Acq: 21 Aug 2024 10:27

Tgt Ion: 91 Resp: 95069
Ion Ratio Lower Upper
91 100
126 38.7 13.8 20.8#
128 13.9 4.4 6.6#





#67

sec-Butylbenzene

Concen: 8.429 ppbv

RT: 16.632 min Scan# 41

Delta R.T. -0.000 min

Lab File: VL041561.D

Acq: 21 Aug 2024 10:27

Instrument :

MSVOA_L

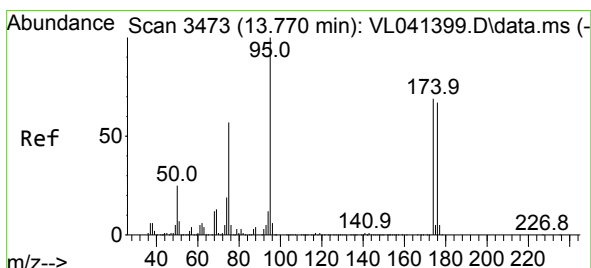
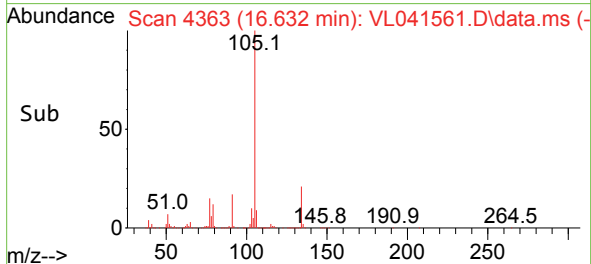
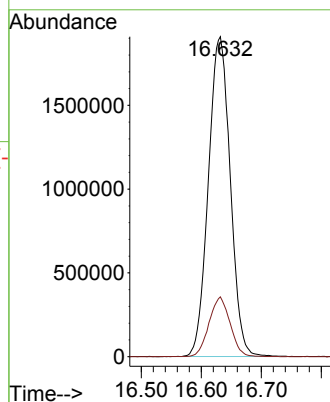
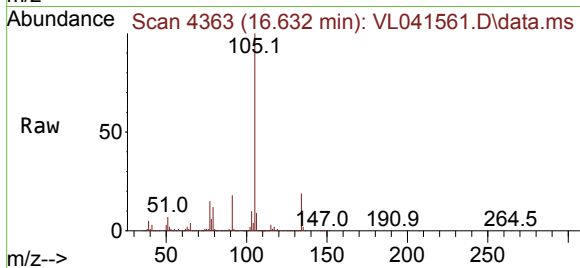
ClientSampleId :

Tgt Ion:105 Resp: 4837657

Ion Ratio Lower Upper

105 100

134 18.1 14.5 21.7



#68

1-Bromo-4-Fluorobenzene

Concen: 8.386 ppbv

RT: 13.767 min Scan# 3472

Delta R.T. -0.006 min

Lab File: VL041561.D

Acq: 21 Aug 2024 10:27

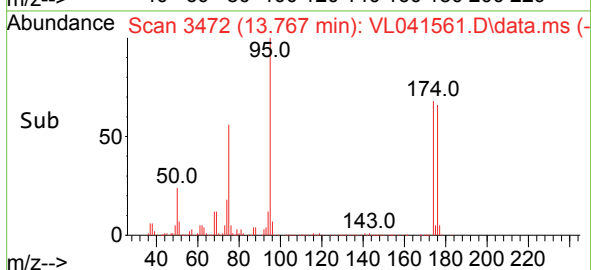
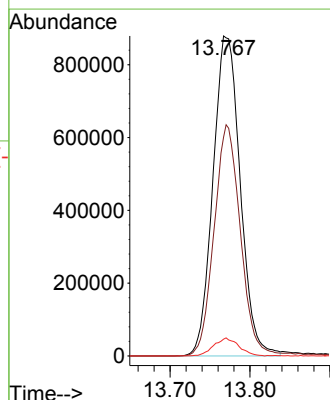
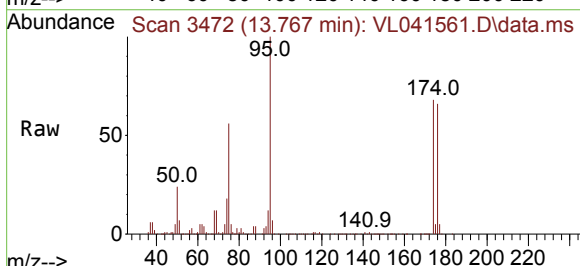
Tgt Ion: 95 Resp: 2080113

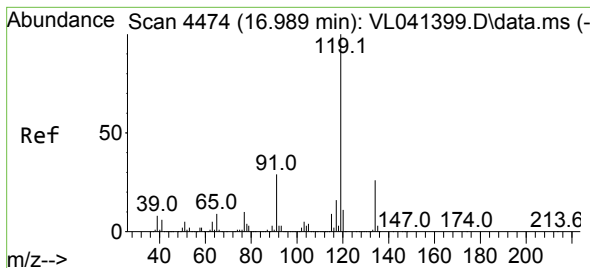
Ion Ratio Lower Upper

95 100

174 70.8 56.3 84.5

175 5.3 4.0 6.0





#69

p-Isopropyltoluene

Concen: 8.622 ppbv

RT: 16.992 min Scan# 4475

Delta R.T. -0.000 min

Lab File: VL041561.D

Acq: 21 Aug 2024 10:27

Instrument :

MSVOA_L

ClientSampleId :

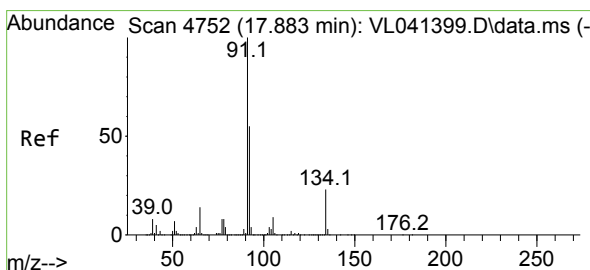
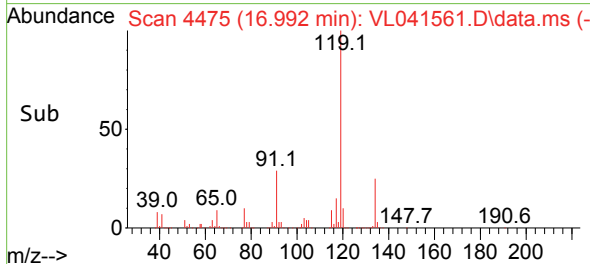
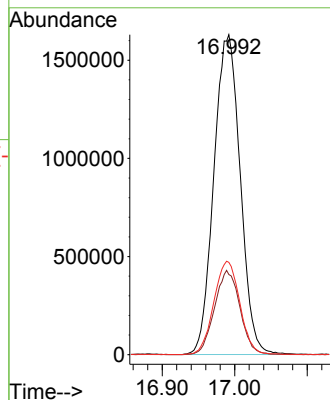
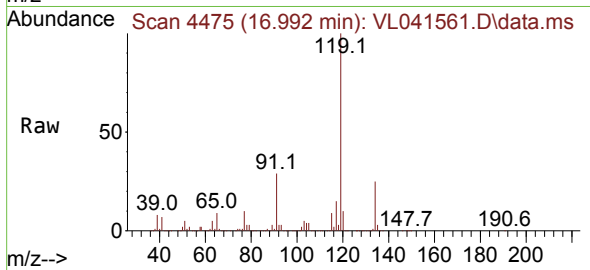
Tgt Ion:119 Resp: 4106275

Ion Ratio Lower Upper

119 100

134 25.6 20.5 30.7

91 28.7 23.2 34.8



#70

n-Butylbenzene

Concen: 8.999 ppbv

RT: 17.879 min Scan# 4751

Delta R.T. -0.006 min

Lab File: VL041561.D

Acq: 21 Aug 2024 10:27

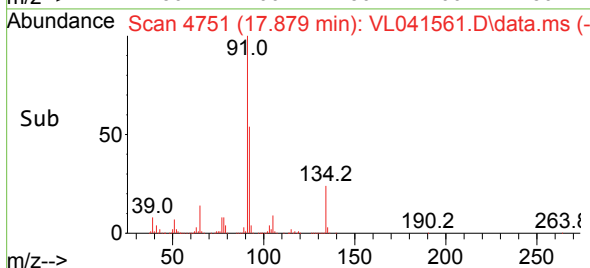
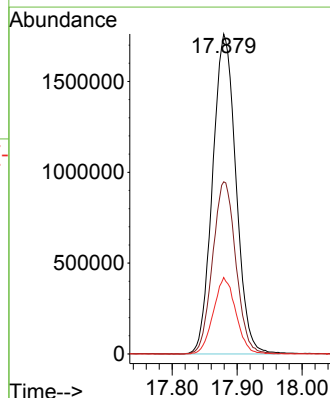
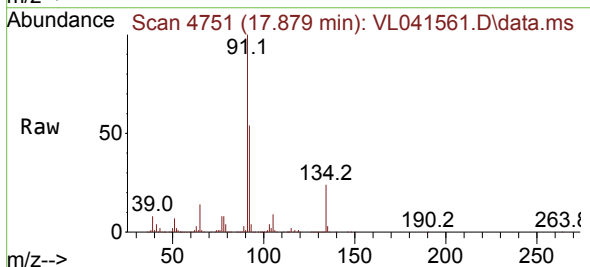
Tgt Ion: 91 Resp: 4393877

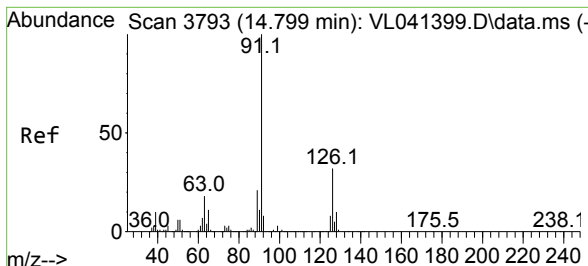
Ion Ratio Lower Upper

91 100

92 53.8 43.2 64.8

134 23.1 18.5 27.7

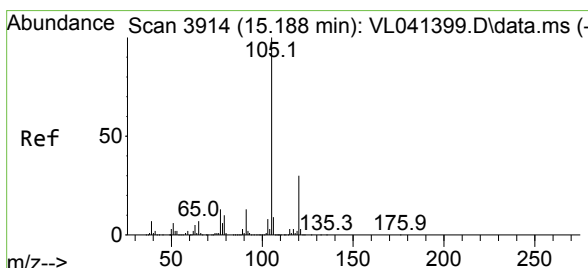
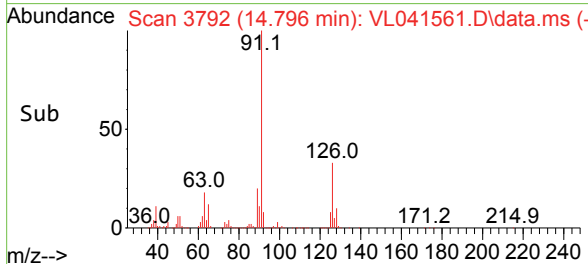
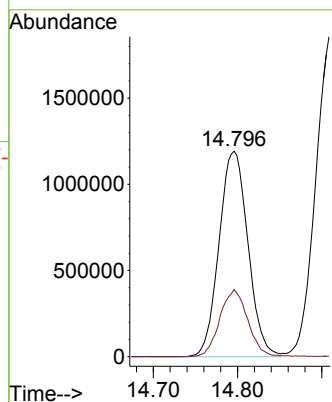
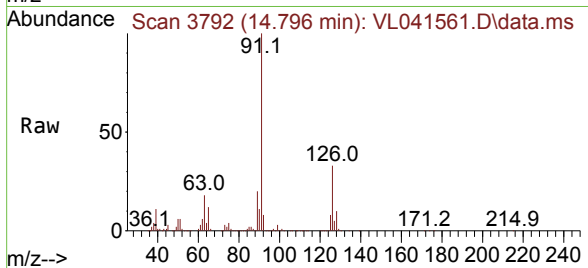




#71
2-Chlorotoluene
Concen: 8.330 ppbv
RT: 14.796 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL041561.D
Acq: 21 Aug 2024 10:27

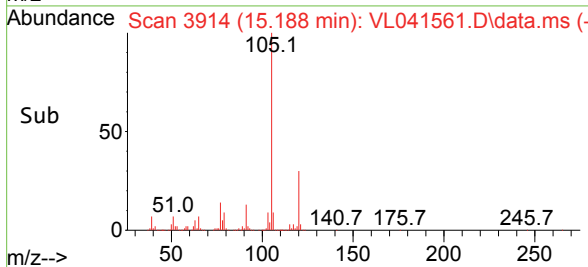
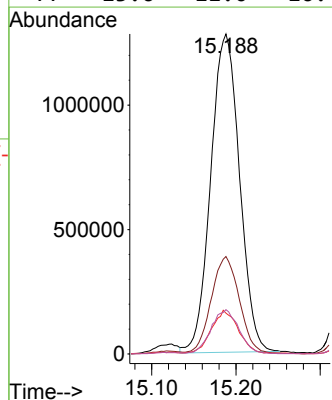
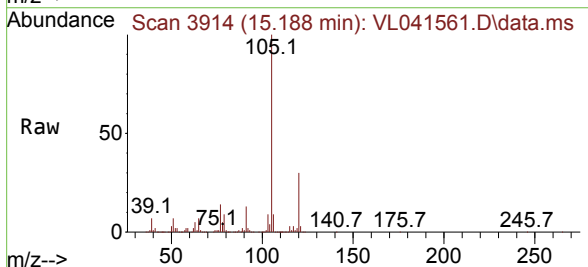
Instrument :
MSVOA_L
ClientSampleId :

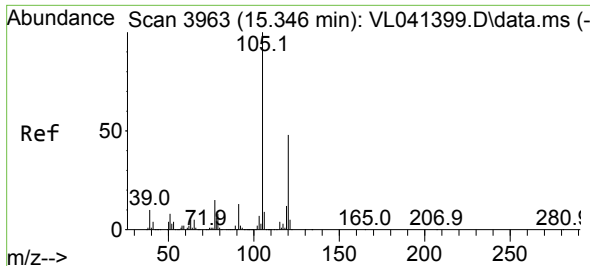
Tgt Ion: 91 Resp: 2833046
Ion Ratio Lower Upper
91 100
126 31.9 12.7 50.9



#72
4-Ethyltoluene
Concen: 8.501 ppbv
RT: 15.188 min Scan# 3914
Delta R.T. -0.000 min
Lab File: VL041561.D
Acq: 21 Aug 2024 10:27

Tgt Ion:105 Resp: 3036361
Ion Ratio Lower Upper
105 100
120 30.2 24.2 36.2
91 12.9 10.4 15.6
77 13.6 11.0 16.4

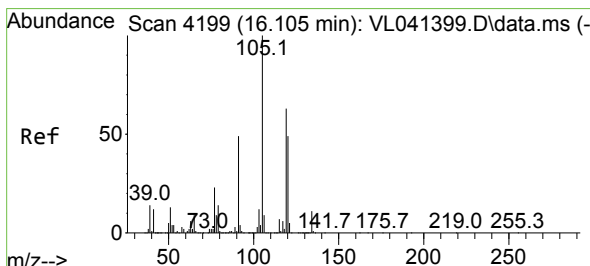
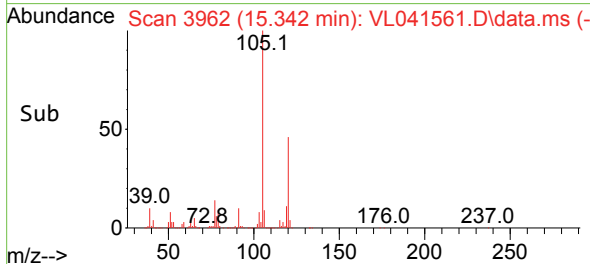
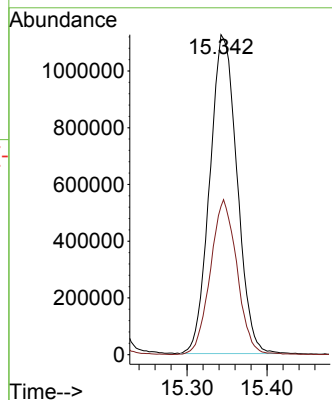
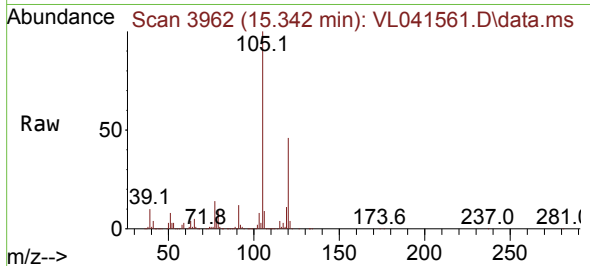




#73
 1,3,5-Trimethylbenzene
 Concen: 8.636 ppbv
 RT: 15.342 min Scan# 3963
 Delta R.T. -0.006 min
 Lab File: VL041561.D
 Acq: 21 Aug 2024 10:27

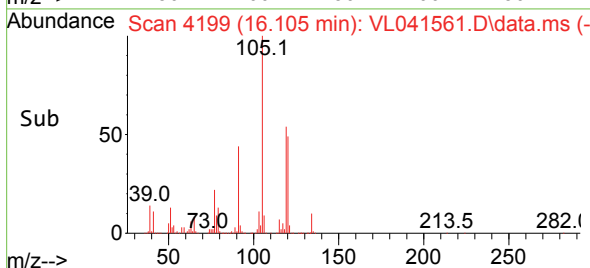
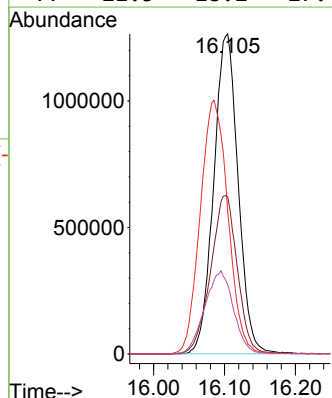
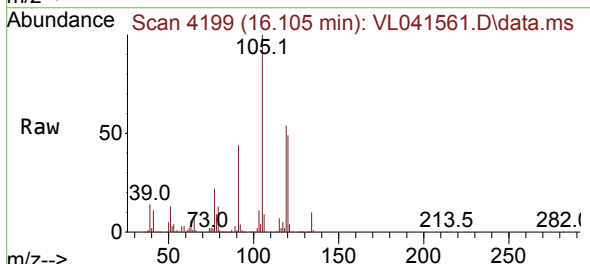
Instrument :
 MSVOA_L
 ClientSampleId :

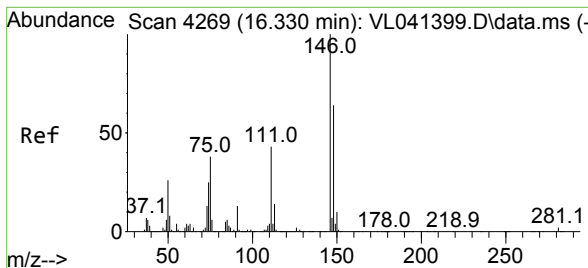
Tgt Ion:105 Resp: 2657283
 Ion Ratio Lower Upper
 105 100
 120 46.3 38.6 57.8



#74
 1,2,4-Trimethylbenzene
 Concen: 8.446 ppbv
 RT: 16.105 min Scan# 4199
 Delta R.T. -0.003 min
 Lab File: VL041561.D
 Acq: 21 Aug 2024 10:27

Tgt Ion:105 Resp: 3021530
 Ion Ratio Lower Upper
 105 100
 120 48.8 39.5 59.3
 91 44.1 39.8 59.8
 77 21.5 18.2 27.4





#75

1,3-Dichlorobenzene

Concen: 8.490 ppbv

RT: 16.326 min Scan# 4312

Delta R.T. -0.000 min

Lab File: VL041561.D

Acq: 21 Aug 2024 10:27

Instrument :

MSVOA_L

ClientSampleId :

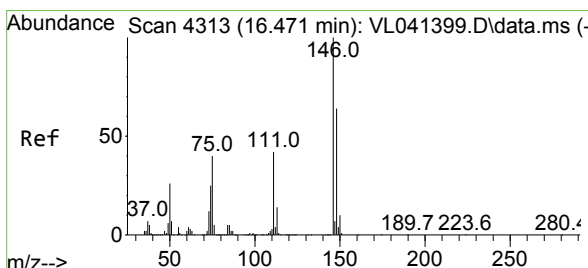
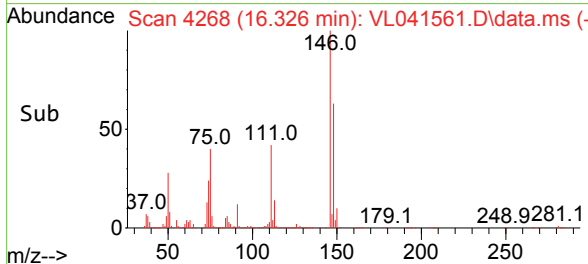
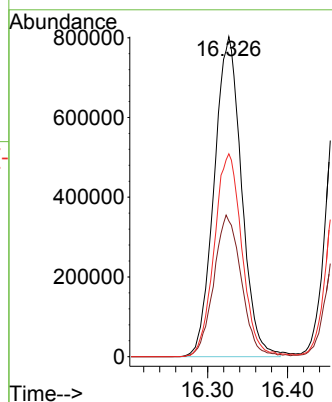
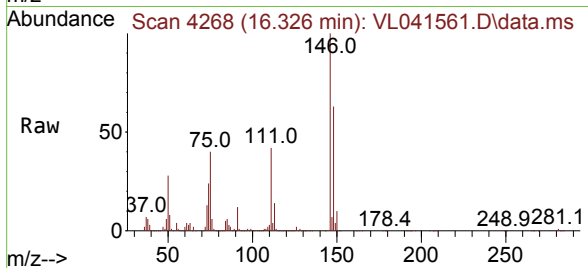
Tgt Ion:146 Resp: 1909207

Ion Ratio Lower Upper

146 100

111 44.7 22.6 67.8

148 64.2 32.3 96.8



#76

1,4-Dichlorobenzene

Concen: 8.586 ppbv

RT: 16.468 min Scan# 4312

Delta R.T. -0.003 min

Lab File: VL041561.D

Acq: 21 Aug 2024 10:27

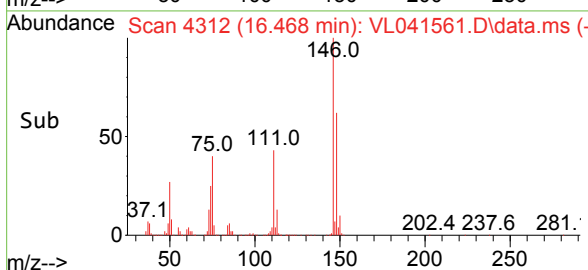
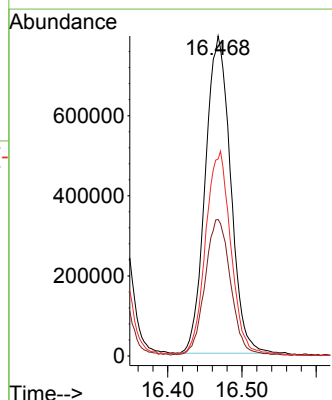
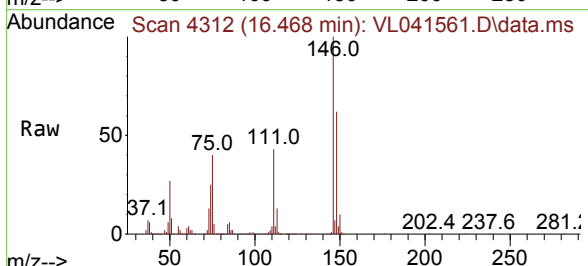
Tgt Ion:146 Resp: 1869460

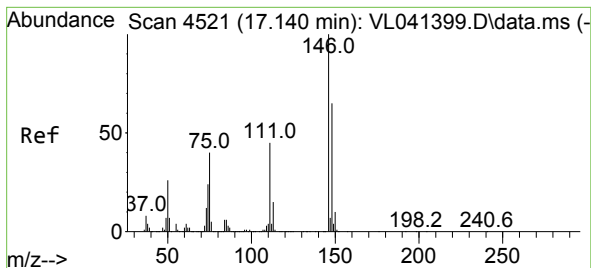
Ion Ratio Lower Upper

146 100

111 44.4 22.4 67.0

148 65.5 33.1 99.5





#77

1,2-Dichlorobenzene

Concen: 8.605 ppbv

RT: 17.133 min Scan# 4519

Delta R.T. -0.003 min

Lab File: VL041561.D

Acq: 21 Aug 2024 10:27

Instrument :

MSVOA_L

ClientSampleId :

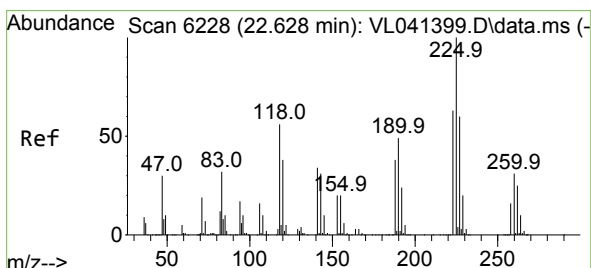
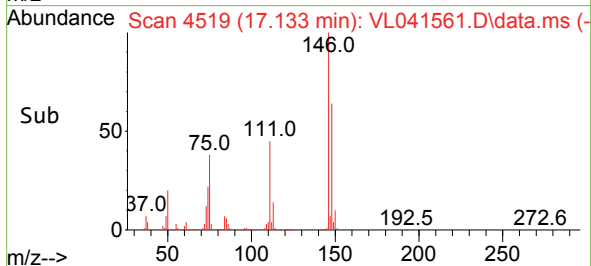
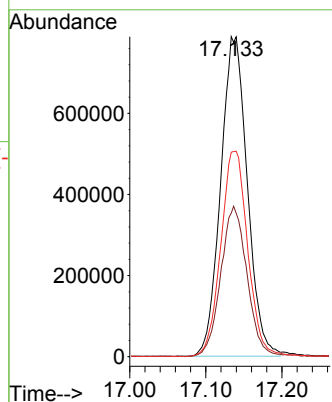
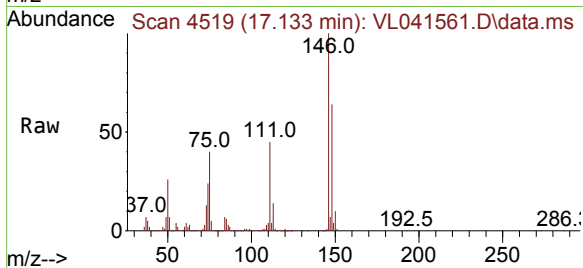
Tgt Ion:146 Resp: 1918182

Ion Ratio Lower Upper

146 100

111 46.5 23.4 70.0

148 65.2 32.2 96.6



#78

Hexachloro-1,3-Butadiene

Concen: 8.133 ppbv

RT: 22.625 min Scan# 6227

Delta R.T. -0.006 min

Lab File: VL041561.D

Acq: 21 Aug 2024 10:27

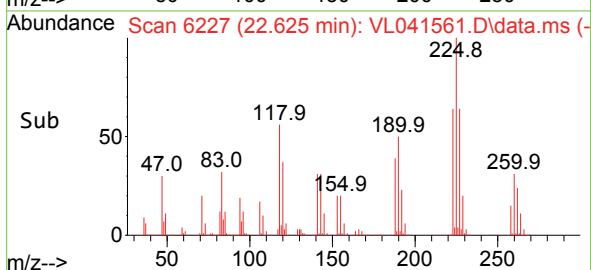
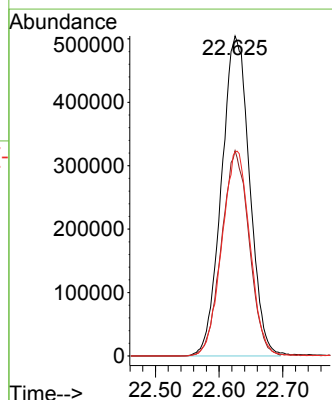
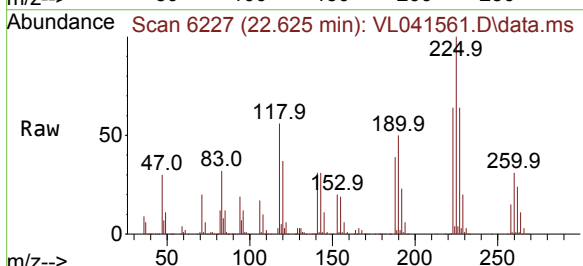
Tgt Ion:225 Resp: 1546149

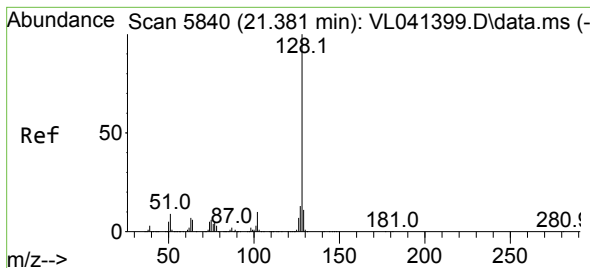
Ion Ratio Lower Upper

225 100

223 63.3 50.6 76.0

227 64.3 50.8 76.2





#79

Naphthalene

Concen: 10.861 ppbv

RT: 21.374 min Scan# 5838

Delta R.T. -0.010 min

Lab File: VL041561.D

Acq: 21 Aug 2024 10:27

Instrument :

MSVOA_L

ClientSampleId :

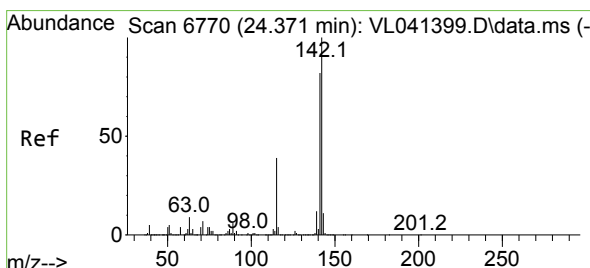
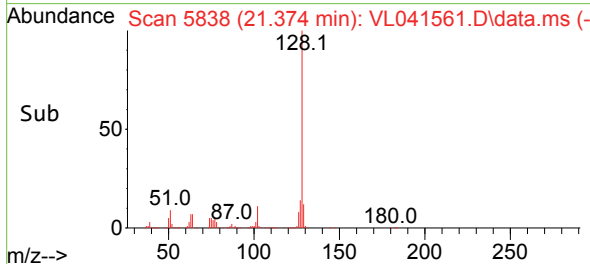
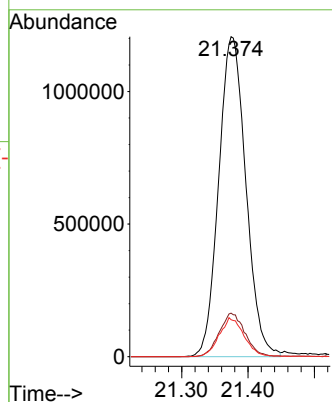
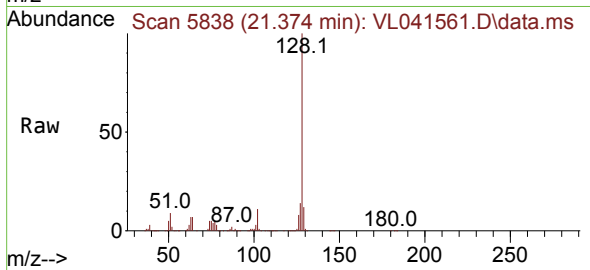
Tgt Ion:128 Resp: 3429206

Ion Ratio Lower Upper

128 100

127 13.6 10.3 15.5

129 11.6 9.0 13.4



#80

Naphthalene,2-methyl-

Concen: 5.622 ppbv

RT: 24.368 min Scan# 6769

Delta R.T. -0.003 min

Lab File: VL041561.D

Acq: 21 Aug 2024 10:27

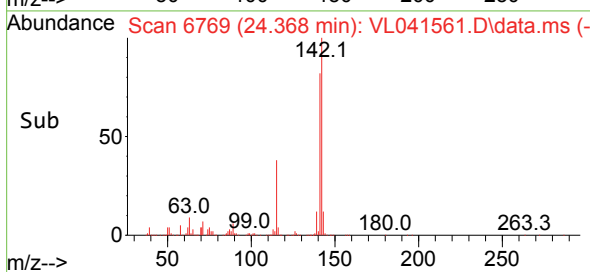
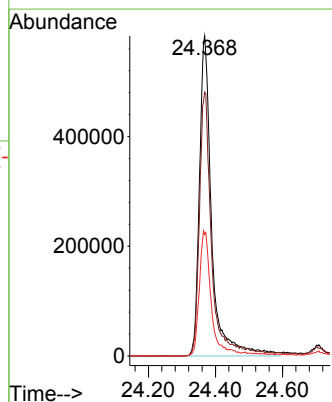
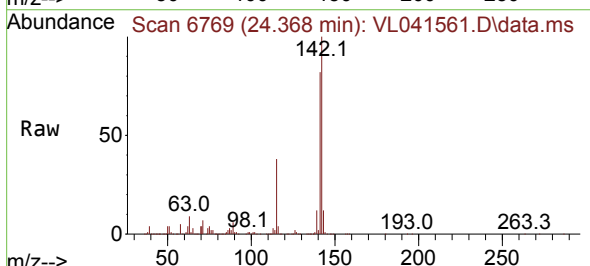
Tgt Ion:142 Resp: 1487907

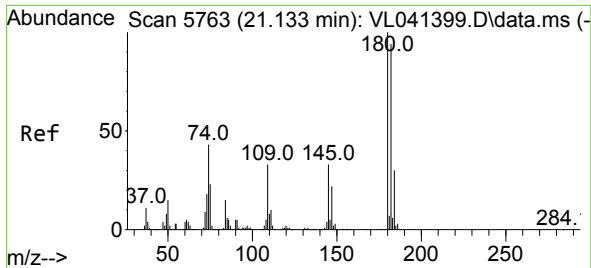
Ion Ratio Lower Upper

142 100

141 83.5 67.0 100.4

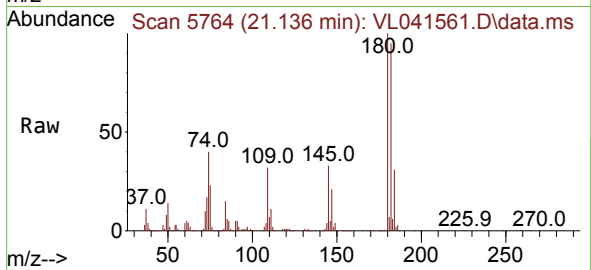
115 40.0 32.2 48.2





#81
 1,2,4-Trichlorobenzene
 Concen: 4.269 ppbv
 RT: 21.136 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VL041561.D
 Acq: 21 Aug 2024 10:27

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion:180 Resp: 802215
 Ion Ratio Lower Upper
 180 100
 182 0.0 76.7 115.1#
 184 0.0 24.5 36.7#

