

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL082124\
 Data File : VL041559.D
 Acq On : 21 Aug 2024 9:09
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Aug 22 01:07:39 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	1086878	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2893733	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	3301180	10.000	ppbv	# 0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.773	95	2122686	8.356	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	83.600%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.742	85	1250181	6.686	ppbv	99
3) Chlorodifluoromethane	2.687	51	1034422	7.995	ppbv	97
4) Chloromethane	2.825	50	563919	8.194	ppbv	100
5) Vinyl Chloride	2.931	62	563006	8.300	ppbv	100
6) Bromomethane	3.131	94	231942	6.653	ppbv	92
7) Chloroethane	3.208	64	193029	8.246	ppbv	96
8) Dichlorotetrafluoroethane	2.870	85	1316354	7.945	ppbv	98
9) Propene	2.706	41	497039	8.362	ppbv	100
10) Heptane	7.581	43	1208323	9.048	ppbv	99
11) Trichlorofluoromethane	3.571	101	1314212	7.914	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.076	101	965306	8.073	ppbv	100
13) Ethanol	3.259	45	33937	6.388	ppbv	89
14) Bromoethene	3.375	108	400636	8.594	ppbv	100
15) Acetone	3.478	43	971346	7.866	ppbv	99
16) 1,3-Butadiene	2.996	39	541188	8.202	ppbv	97
17) tert-Butyl alcohol	3.883	59	1140296	10.125	ppbv	100
18) 1,1-Dichloroethene	3.886	96	437599	8.555	ppbv	99
19) Isopropyl Alcohol	3.584	45	656119	9.088	ppbv	99
20) Methylene Chloride	3.941	84	351799	7.639	ppbv	98
21) Allyl Chloride	4.002	41	702572	8.675	ppbv	98
22) trans-1,2-Dichloroethene	4.452	96	439260	8.589	ppbv	99
23) Vinyl Acetate	4.632	43	845801	8.968	ppbv	99
24) 1,1-Dichloroethane	4.568	63	939439	8.460	ppbv	99
25) Ethyl Acetate	5.208	43	2154065	8.780	ppbv	99
26) Hexane	5.218	57	901666	8.860	ppbv	99
27) Carbon Disulfide	4.131	76	1038686	8.724	ppbv	99
28) Methyl tert-Butyl Ether	4.594	73	588772	9.174	ppbv	99
29) Chloroform	5.279	83	1336764	8.053	ppbv	97
30) Cyclohexane	6.603	84	755129	9.111	ppbv	99
31) cis-1,2-Dichloroethene	5.082	61	890622	8.859	ppbv	94
32) 1,1,1-Trichloroethane	6.005	97	1300796	8.050	ppbv	100
34) 2-Butanone	4.793	43	1215997	8.687	ppbv	97
35) Carbon Tetrachloride	6.497	117	1335386	8.367	ppbv	96
36) Benzene	6.372	78	1889961	8.938	ppbv	98
37) 1,2-Dichloroethane	5.809	62	1023612	8.649	ppbv	100
38) Trichloroethene	7.291	130	890484	9.193	ppbv	97
39) 1,2-Dichloropropane	7.076	63	731909	9.041	ppbv	98
40) 1,4-Dioxane	7.295	88	287158	8.830	ppbv	81
41) Tetrahydrofuran	5.562	42	792841	9.903	ppbv	99
42) Bromodichloromethane	7.253	83	1458460	8.535	ppbv	99
43) Methyl Methacrylate	7.475	69	752897	9.930	ppbv	97
44) 2,2,4-Trimethylpentane	7.327	57	3195555	9.048	ppbv	99
45) t-1,3-Dichloropropene	8.713	75	616199	8.829	ppbv	100

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 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

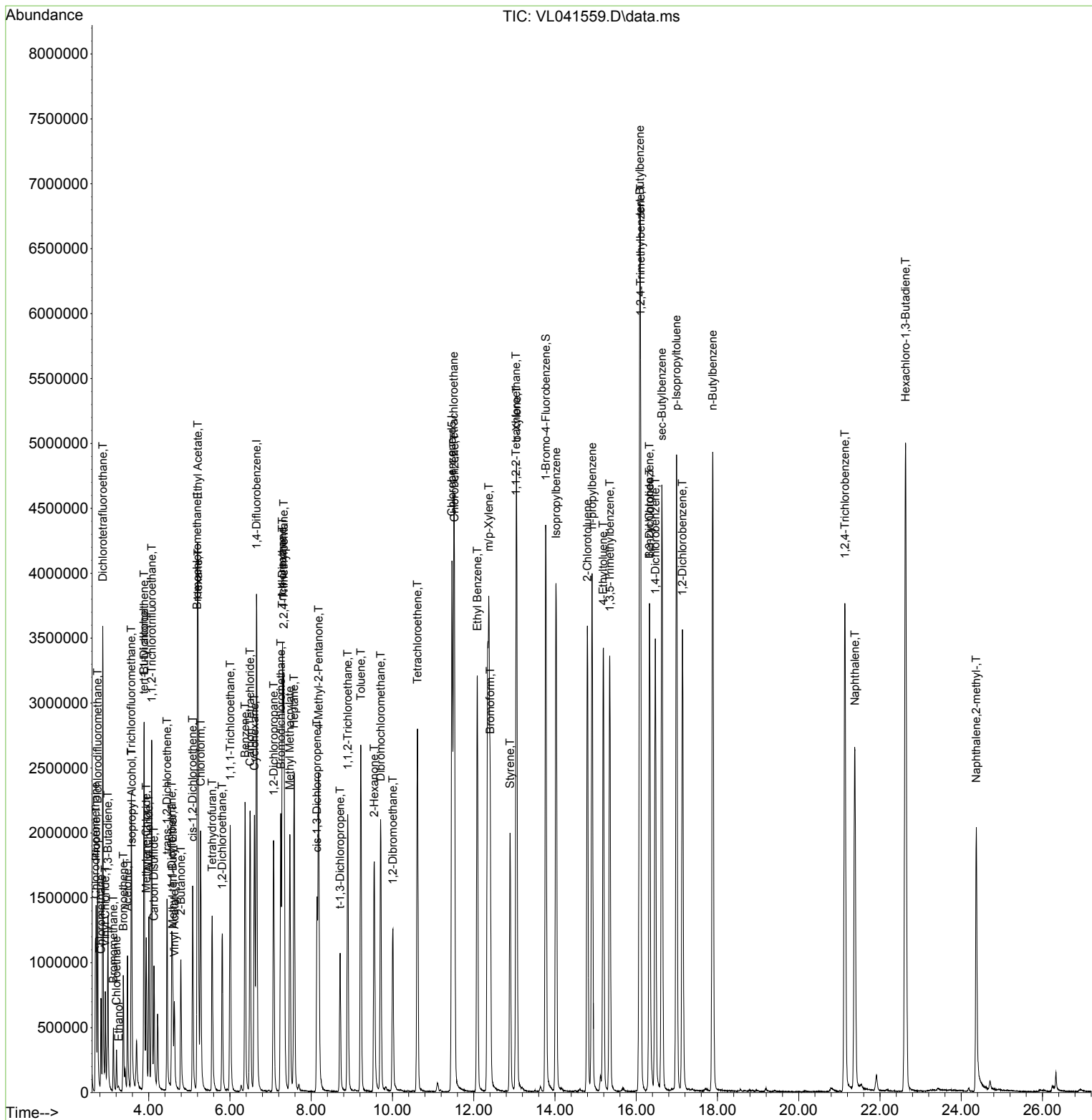
Instrument :
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 ClientSampleId :

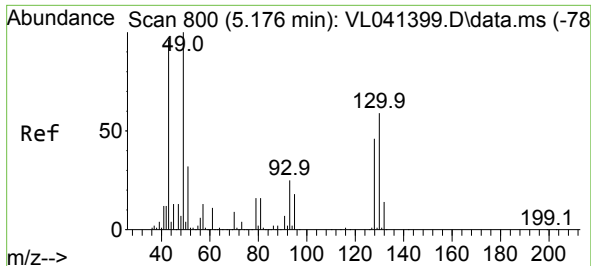
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Aug 22 01:05:17 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.143	75	857056	8.504	ppbv	98
47) 1,1,2-Trichloroethane	8.899	97	781517	8.758	ppbv	95
48) Dibromochloromethane	9.713	129	1283291	8.927	ppbv	100
49) Bromoform	12.407	173	1196073	9.850	ppbv	99
50) 4-Methyl-2-Pentanone	8.182	43	2115954	9.581	ppbv	100
51) 2-Hexanone	9.552	43	1705846	10.215	ppbv	100
52) Tetrachloroethene	10.616	164	719801	8.810	ppbv	97
53) Toluene	9.221	91	2215076	9.405	ppbv	100
54) 1,2-Dibromoethane	10.012	107	1071711	9.023	ppbv	98
56) 1,1,1,2-Tetrachloroethane	11.510	131	947815	7.403	ppbv #	54
57) Chlorobenzene	11.526	112	1721709	7.325	ppbv	99
58) Ethyl Benzene	12.089	91	3031304	7.967	ppbv	98
59) m/p-Xylene	12.372	91	3036946	9.246	ppbv #	52
60) o-Xylene	13.056	91	2475304	7.966	ppbv	100
61) Styrene	12.896	104	1227266	8.755	ppbv	99
62) Isopropylbenzene	14.027	105	3663004	7.755	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.044	83	1493266	7.611	ppbv	100
64) n-propylbenzene	14.915	120	989839	8.015	ppbv	94
65) tert-Butylbenzene	16.088	119	3419143	8.014	ppbv	99
66) Benzyl Chloride	16.326	91	219411	8.018	ppbv	99
67) sec-Butylbenzene	16.632	105	4886350	8.313	ppbv	100
69) p-Isopropyltoluene	16.992	119	4150531	8.509	ppbv	100
70) n-Butylbenzene	17.886	91	4404013	8.807	ppbv	100
71) 2-Chlorotoluene	14.799	91	2825229	8.111	ppbv	99
72) 4-Ethyltoluene	15.188	105	3102925	8.482	ppbv	99
73) 1,3,5-Trimethylbenzene	15.349	105	2686160	8.524	ppbv	99
74) 1,2,4-Trimethylbenzene	16.108	105	3028651	8.266	ppbv	96
75) 1,3-Dichlorobenzene	16.326	146	1930990	8.384	ppbv	100
76) 1,4-Dichlorobenzene	16.471	146	1876362	8.414	ppbv	100
77) 1,2-Dichlorobenzene	17.137	146	1954438	8.560	ppbv	100
78) Hexachloro-1,3-Butadiene	22.632	225	1582340	8.127	ppbv	99
79) Naphthalene	21.384	128	3472988	10.740	ppbv	99
80) Naphthalene,2-methyl-	24.371	142	1544585	5.698	ppbv	99
81) 1,2,4-Trichlorobenzene	21.136	180	1809109	9.401	ppbv	100

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

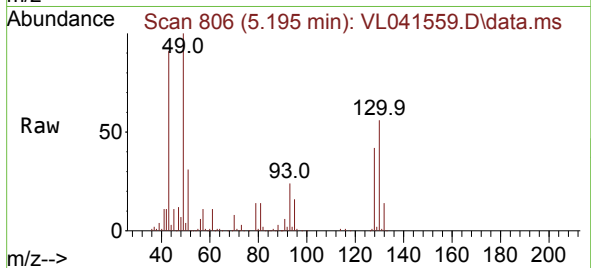
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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Thu Aug 22 01:05:17 2024
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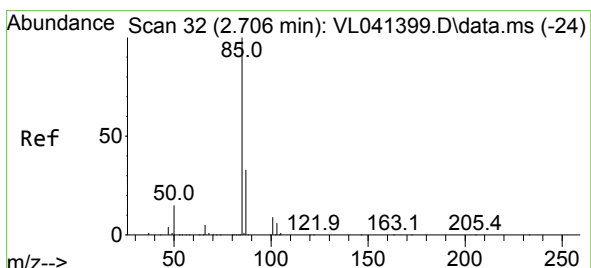
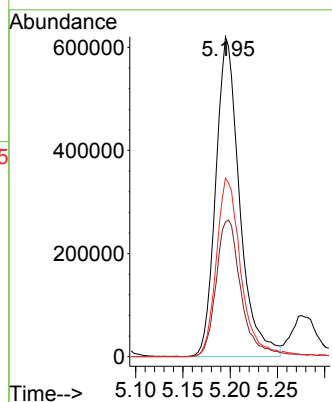
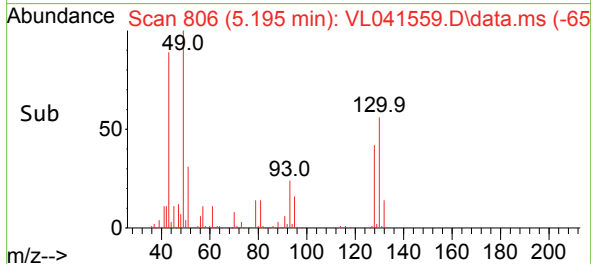


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 80
Delta R.T. -0.000 min
Lab File: VL041559.D
Acq: 21 Aug 2024 9:09

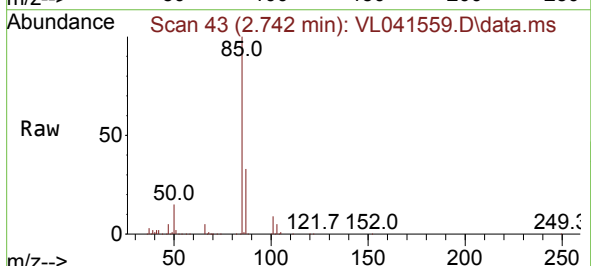
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MSVOA_L
ClientSampleId :



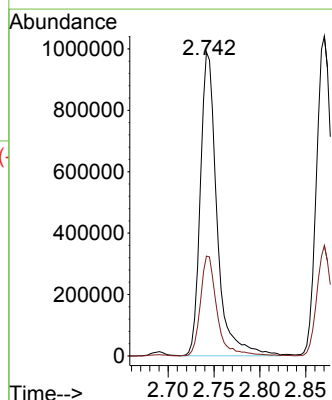
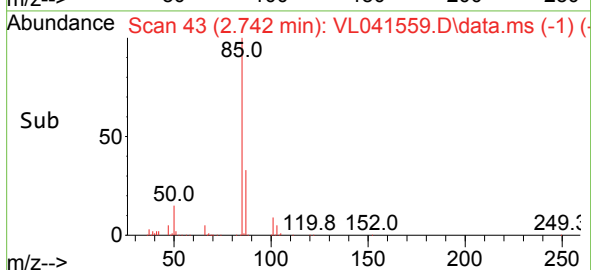
Tgt Ion: 49 Resp: 1086878
Ion Ratio Lower Upper
49 100
128 45.8 23.8 71.4
130 58.3 30.8 92.4

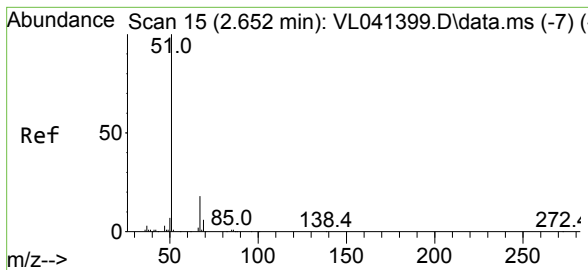


#2
Dichlorodifluoromethane
Concen: 6.686 ppbv
RT: 2.742 min Scan# 43
Delta R.T. 0.000 min
Lab File: VL041559.D
Acq: 21 Aug 2024 9:09



Tgt Ion: 85 Resp: 1250181
Ion Ratio Lower Upper
85 100
87 32.8 26.0 39.0

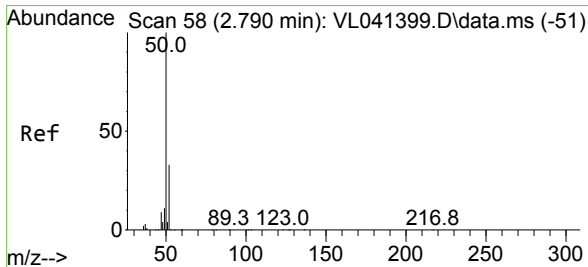
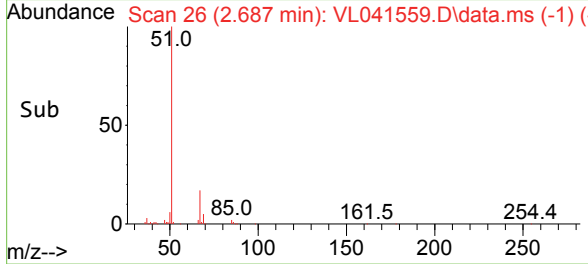
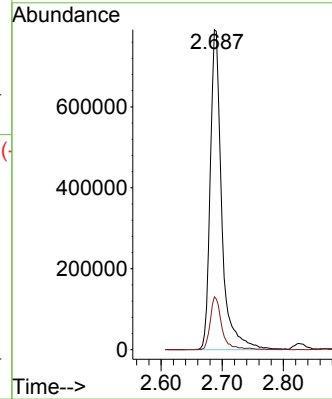
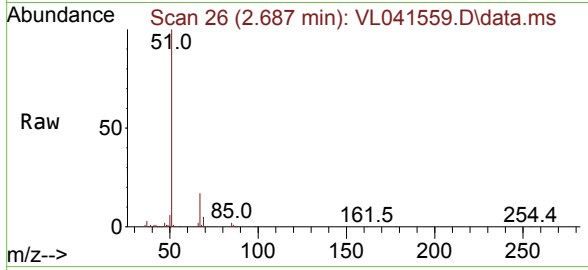




#3
Chlorodifluoromethane
Concen: 7.995 ppbv
RT: 2.687 min Scan# 20
Delta R.T. 0.000 min
Lab File: VL041559.D
Acq: 21 Aug 2024 9:09

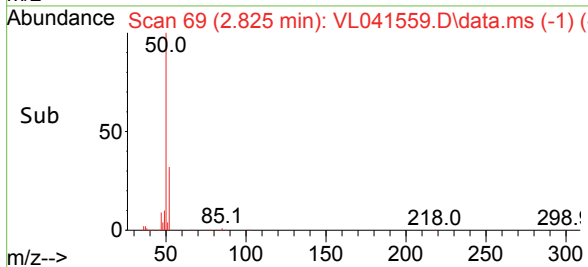
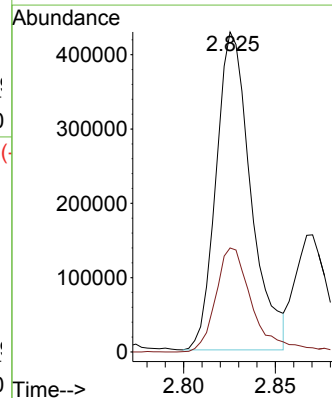
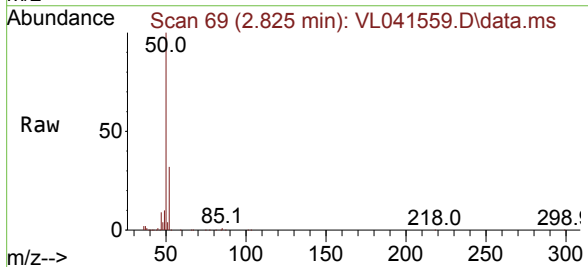
Instrument :
MSVOA_L
ClientSampleId :

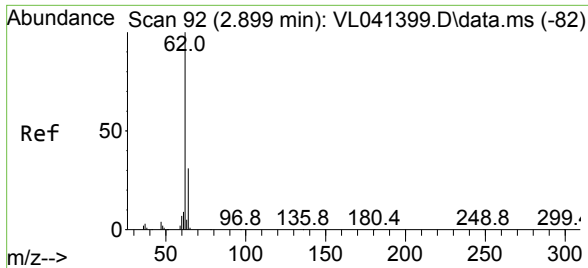
Tgt Ion: 51 Resp: 1034422
Ion Ratio Lower Upper
51 100
67 16.9 14.5 21.7



#4
Chloromethane
Concen: 8.194 ppbv
RT: 2.825 min Scan# 69
Delta R.T. 0.000 min
Lab File: VL041559.D
Acq: 21 Aug 2024 9:09

Tgt Ion: 50 Resp: 563919
Ion Ratio Lower Upper
50 100
52 32.6 26.1 39.1

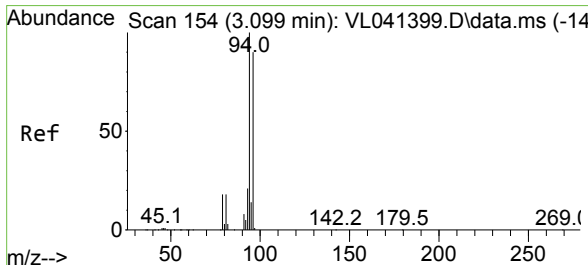
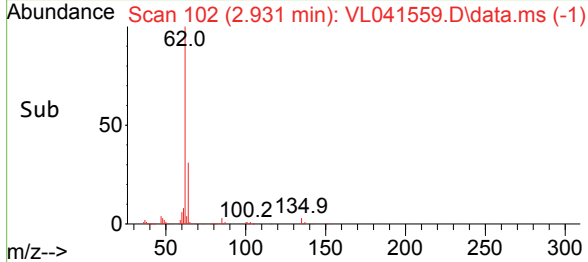
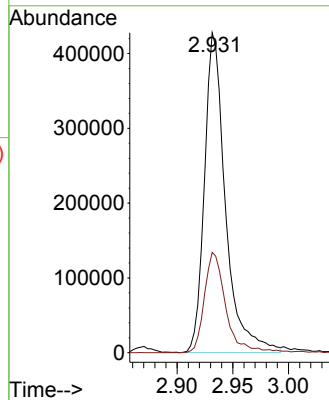
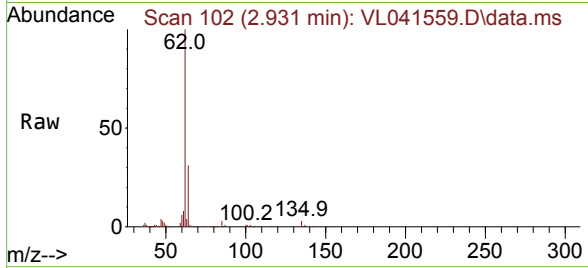




#5
 Vinyl Chloride
 Concen: 8.300 ppbv
 RT: 2.931 min Scan# 102
 Delta R.T. 0.000 min
 Lab File: VL041559.D
 Acq: 21 Aug 2024 9:09

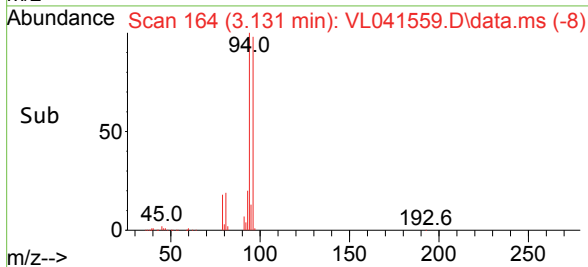
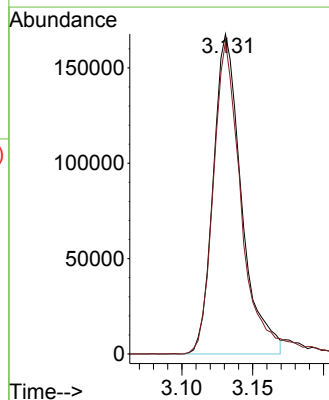
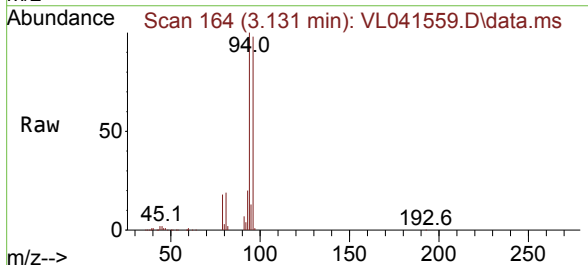
Instrument :
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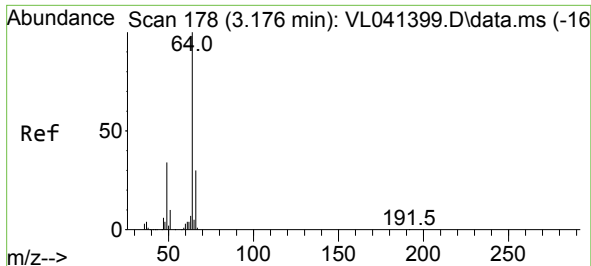
Tgt Ion: 62 Resp: 563006
 Ion Ratio Lower Upper
 62 100
 64 31.3 25.0 37.4



#6
 Bromomethane
 Concen: 6.653 ppbv
 RT: 3.131 min Scan# 164
 Delta R.T. 0.000 min
 Lab File: VL041559.D
 Acq: 21 Aug 2024 9:09

Tgt Ion: 94 Resp: 231942
 Ion Ratio Lower Upper
 94 100
 96 97.7 72.3 108.5

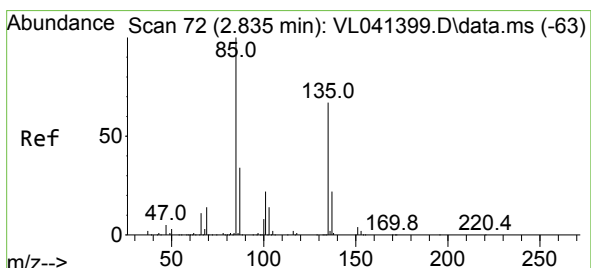
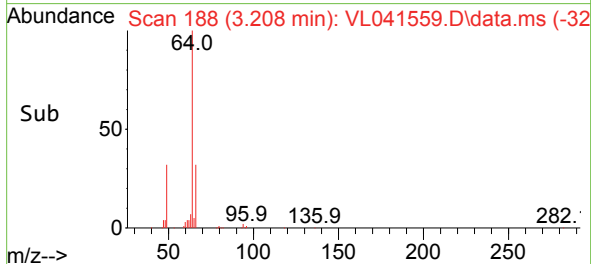
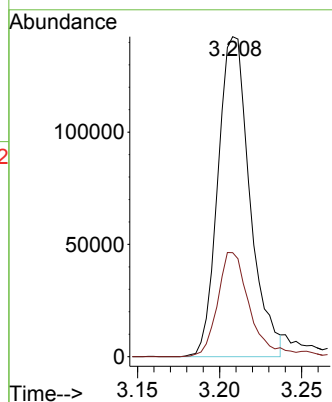
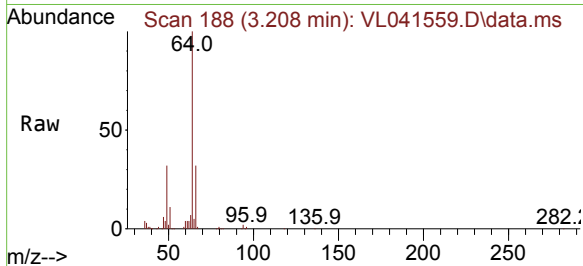




#7
Chloroethane
Concen: 8.246 ppbv
RT: 3.208 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL041559.D
Acq: 21 Aug 2024 9:09

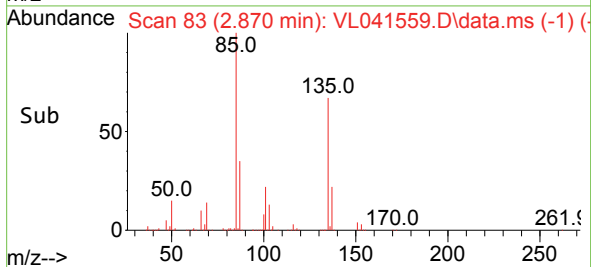
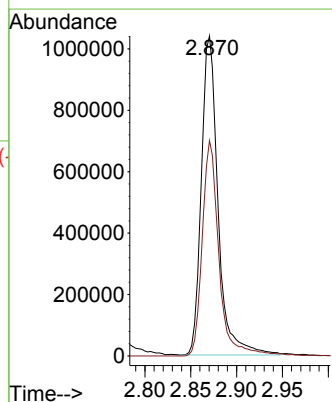
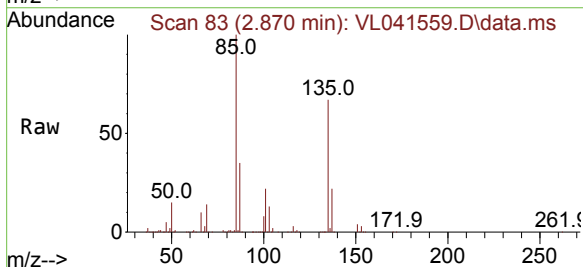
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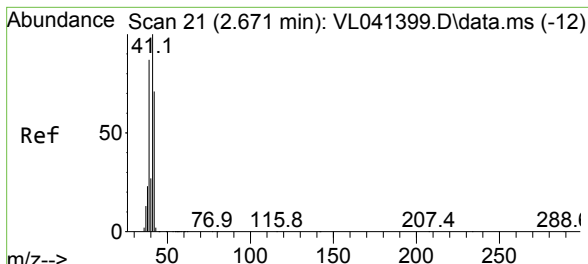
Tgt Ion: 64 Resp: 193029
Ion Ratio Lower Upper
64 100
66 32.5 24.2 36.2



#8
Dichlorotetrafluoroethane
Concen: 7.945 ppbv
RT: 2.870 min Scan# 83
Delta R.T. 0.000 min
Lab File: VL041559.D
Acq: 21 Aug 2024 9:09

Tgt Ion: 85 Resp: 1316354
Ion Ratio Lower Upper
85 100
135 67.9 55.4 83.0

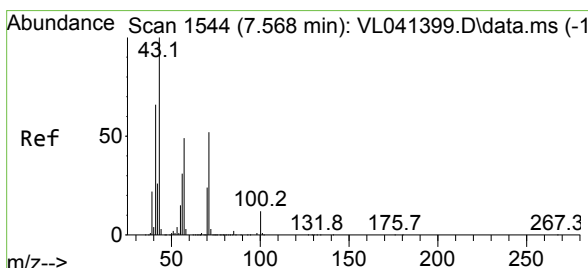
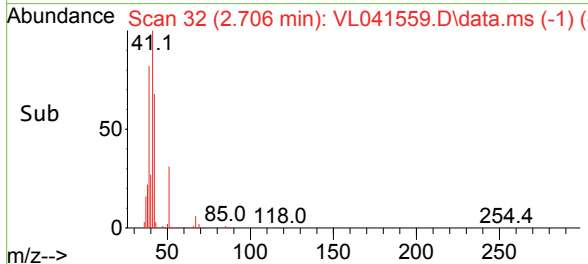
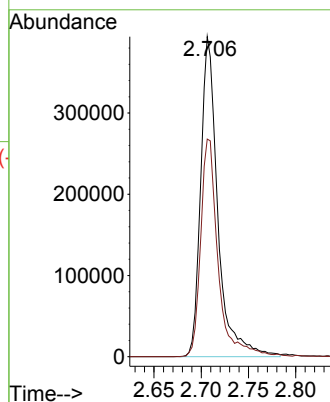
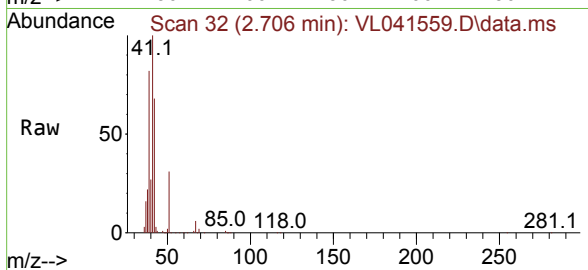




#9
 Propene
 Concen: 8.362 ppbv
 RT: 2.706 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VL041559.D
 Acq: 21 Aug 2024 9:09

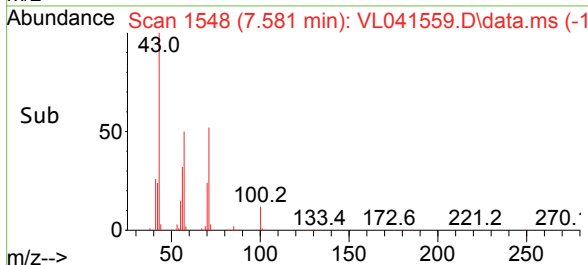
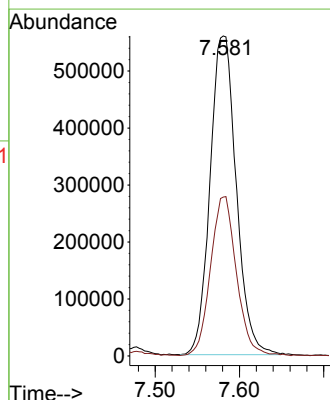
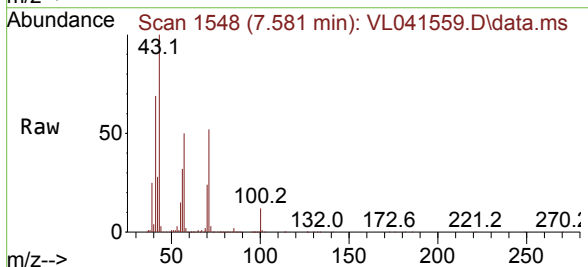
Instrument :
 MSVOA_L
 ClientSampleId :

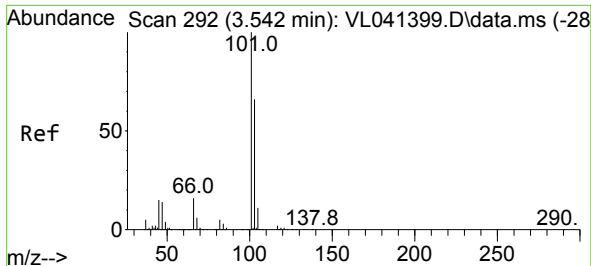
Tgt Ion: 41 Resp: 497039
 Ion Ratio Lower Upper
 41 100
 42 69.8 55.9 83.9



#10
 Heptane
 Concen: 9.048 ppbv
 RT: 7.581 min Scan# 1548
 Delta R.T. 0.000 min
 Lab File: VL041559.D
 Acq: 21 Aug 2024 9:09

Tgt Ion: 43 Resp: 1208323
 Ion Ratio Lower Upper
 43 100
 57 49.6 40.5 60.7

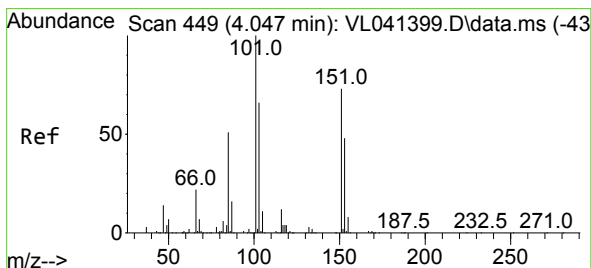
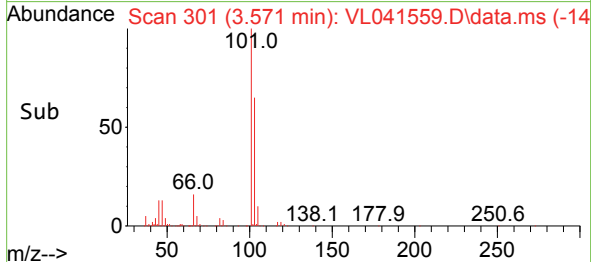
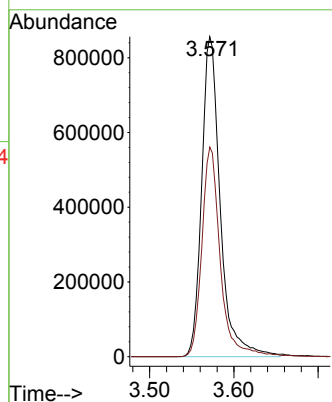
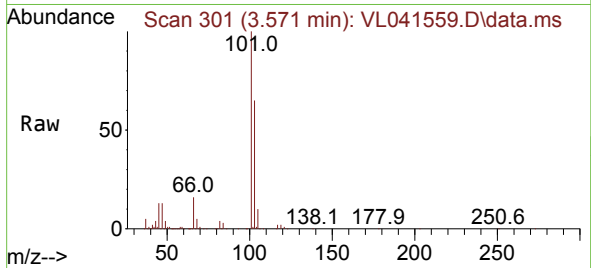




#11
 Trichlorofluoromethane
 Concen: 7.914 ppbv
 RT: 3.571 min Scan# 301
 Delta R.T. 0.000 min
 Lab File: VL041559.D
 Acq: 21 Aug 2024 9:09

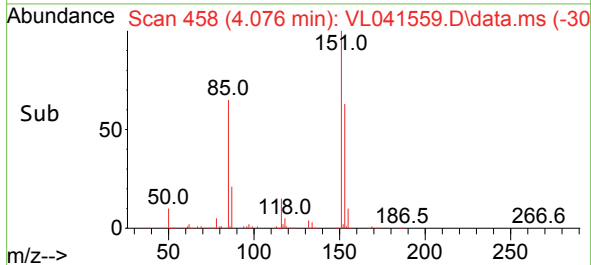
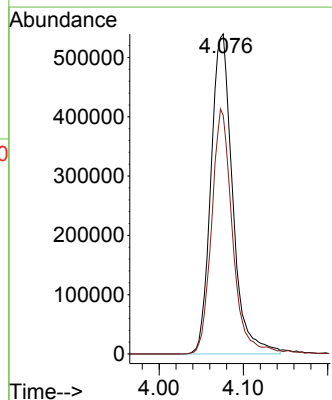
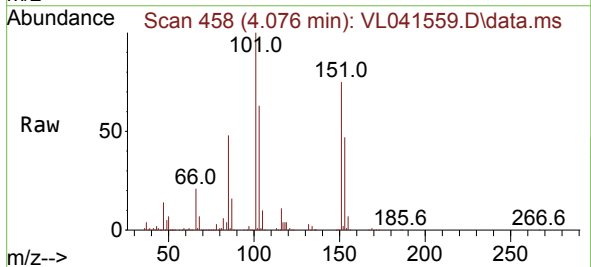
Instrument :
 MSVOA_L
 ClientSampleId :

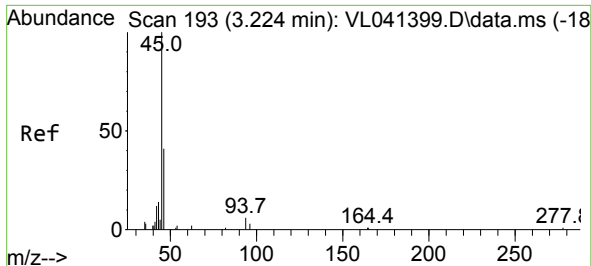
Tgt Ion:101 Resp: 1314212
 Ion Ratio Lower Upper
 101 100
 103 65.4 52.6 79.0



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 8.073 ppbv
 RT: 4.076 min Scan# 458
 Delta R.T. 0.000 min
 Lab File: VL041559.D
 Acq: 21 Aug 2024 9:09

Tgt Ion:101 Resp: 965306
 Ion Ratio Lower Upper
 101 100
 151 74.4 59.4 89.2

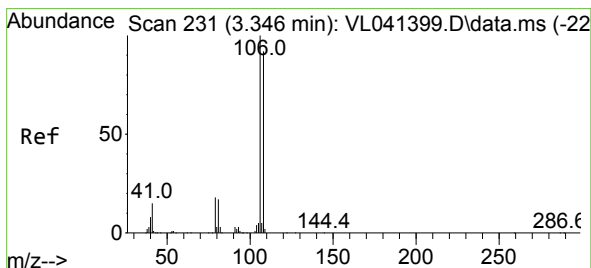
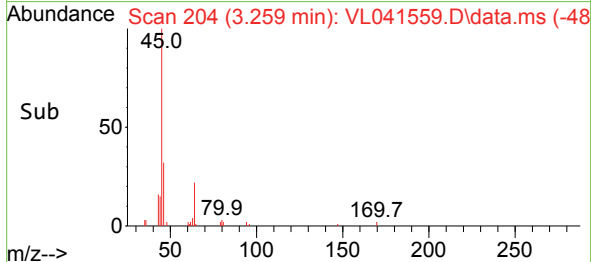
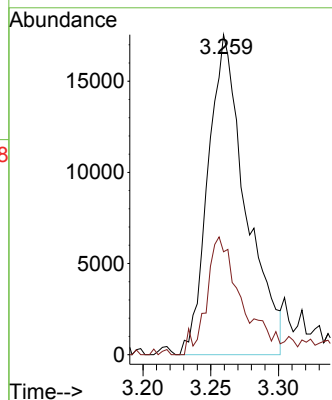
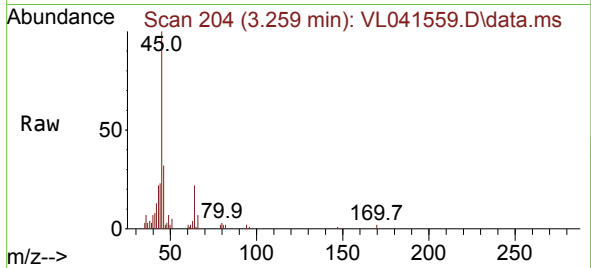




#13
Ethanol
Concen: 6.388 ppbv
RT: 3.259 min Scan# 204
Delta R.T. 0.000 min
Lab File: VL041559.D
Acq: 21 Aug 2024 9:09

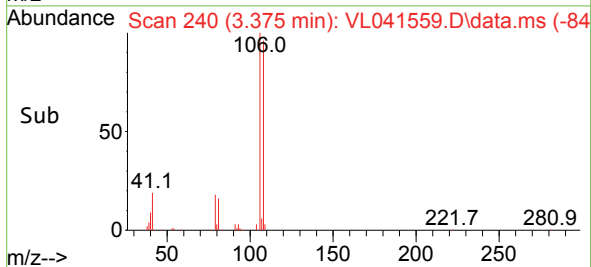
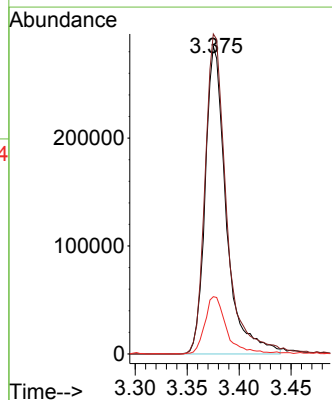
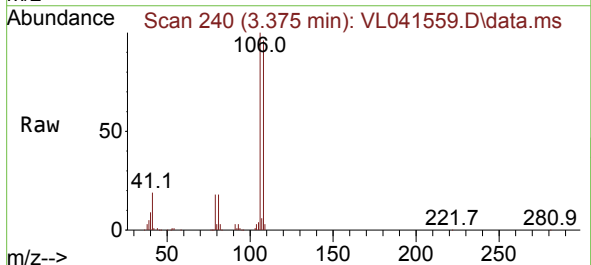
Instrument :
MSVOA_L
ClientSampleId :

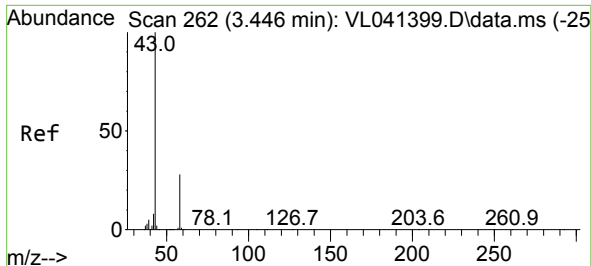
Tgt Ion: 45 Resp: 33937
Ion Ratio Lower Upper
45 100
46 39.5 13.4 53.4



#14
Bromoethene
Concen: 8.594 ppbv
RT: 3.375 min Scan# 240
Delta R.T. 0.000 min
Lab File: VL041559.D
Acq: 21 Aug 2024 9:09

Tgt Ion:108 Resp: 400636
Ion Ratio Lower Upper
108 100
106 108.3 86.9 130.3
79 19.7 16.2 24.4

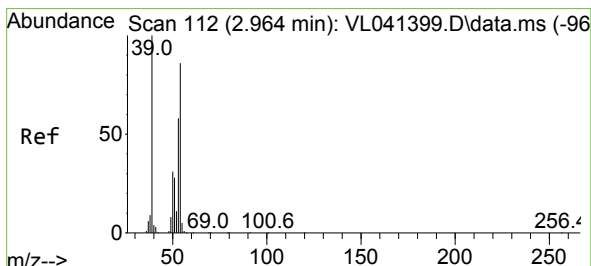
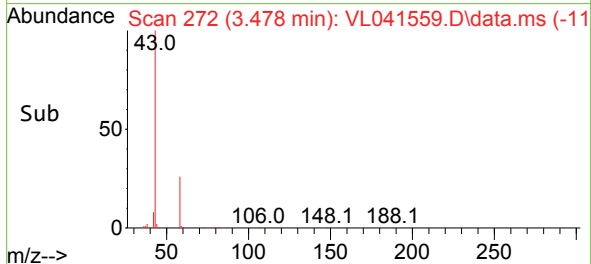
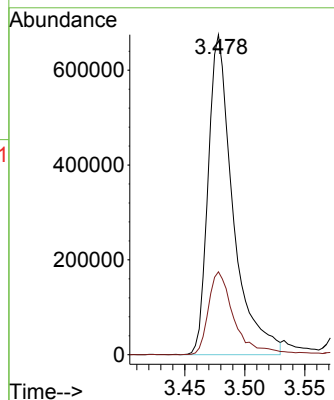
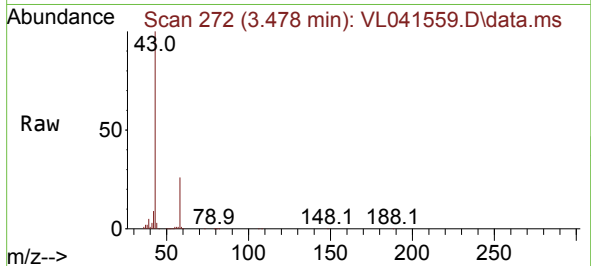




#15
Acetone
Concen: 7.866 ppbv
RT: 3.478 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL041559.D
Acq: 21 Aug 2024 9:09

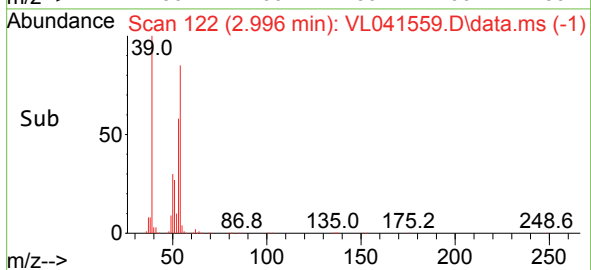
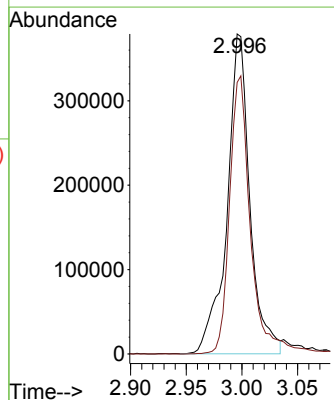
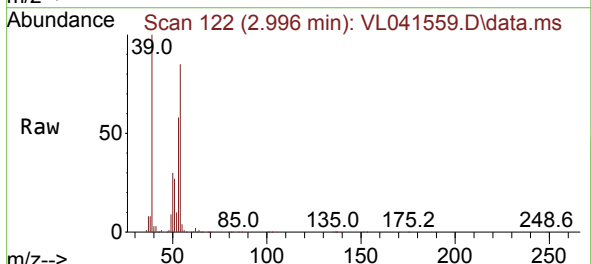
Instrument :
MSVOA_L
ClientSampleId :

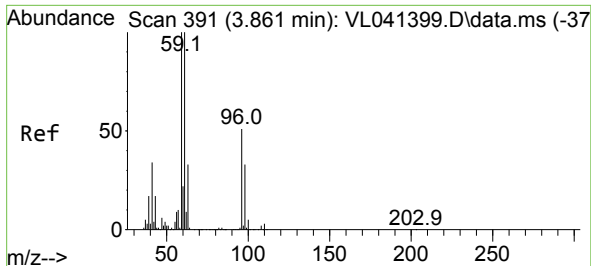
Tgt Ion: 43 Resp: 971346
Ion Ratio Lower Upper
43 100
58 27.4 21.4 32.2



#16
1,3-Butadiene
Concen: 8.202 ppbv
RT: 2.996 min Scan# 122
Delta R.T. 0.000 min
Lab File: VL041559.D
Acq: 21 Aug 2024 9:09

Tgt Ion: 39 Resp: 541188
Ion Ratio Lower Upper
39 100
54 81.1 62.5 93.7





#17

tert-Butyl alcohol

Concen: 10.125 ppbv

RT: 3.883 min Scan# 391

Delta R.T. 0.000 min

Lab File: VL041559.D

Acq: 21 Aug 2024 9:09

Instrument :

MSVOA_L

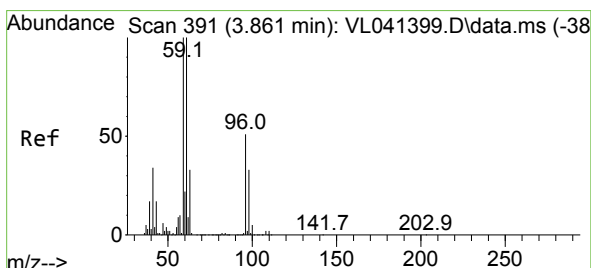
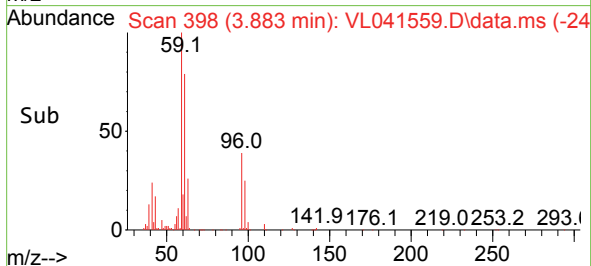
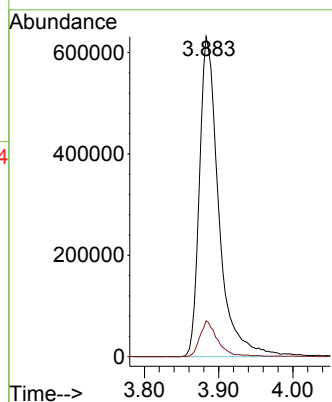
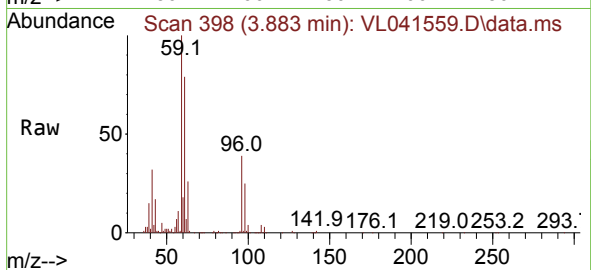
ClientSampleId :

Tgt Ion: 59 Resp: 1140296

Ion Ratio Lower Upper

59 100

57 10.7 8.6 12.8



#18

1,1-Dichloroethene

Concen: 8.555 ppbv

RT: 3.886 min Scan# 399

Delta R.T. 0.000 min

Lab File: VL041559.D

Acq: 21 Aug 2024 9:09

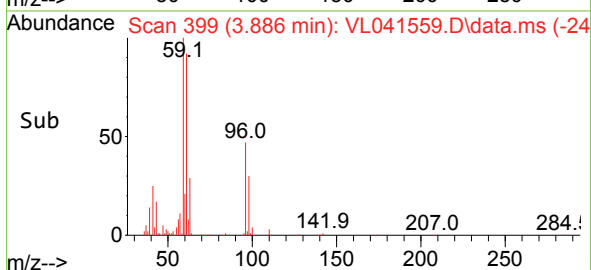
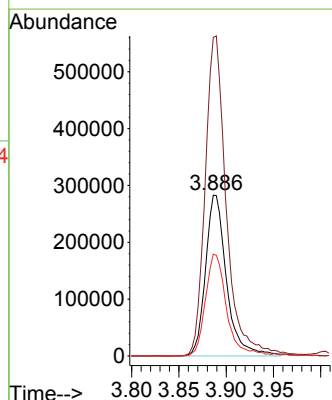
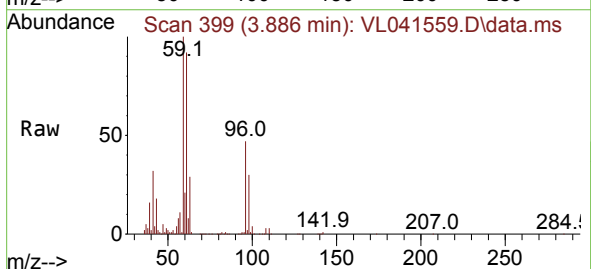
Tgt Ion: 96 Resp: 437599

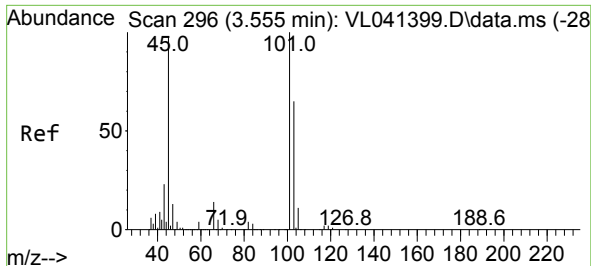
Ion Ratio Lower Upper

96 100

61 198.0 157.5 236.3

98 63.2 51.2 76.8





#19

Isopropyl Alcohol

Concen: 9.088 ppbv

RT: 3.584 min Scan# 305

Delta R.T. 0.000 min

Lab File: VL041559.D

Acq: 21 Aug 2024 9:09

Instrument :

MSVOA_L

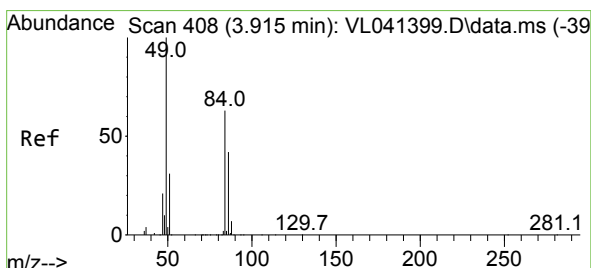
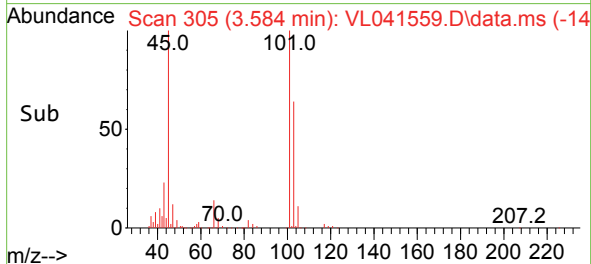
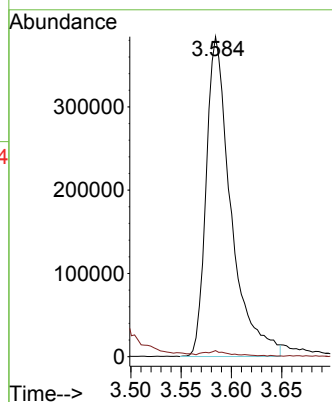
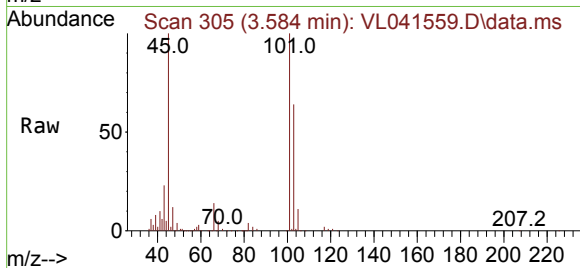
ClientSampleId :

Tgt Ion: 45 Resp: 656119

Ion Ratio Lower Upper

45 100

58 2.0 1.9 2.9



#20

Methylene Chloride

Concen: 7.639 ppbv

RT: 3.941 min Scan# 416

Delta R.T. 0.000 min

Lab File: VL041559.D

Acq: 21 Aug 2024 9:09

Tgt Ion: 84 Resp: 351799

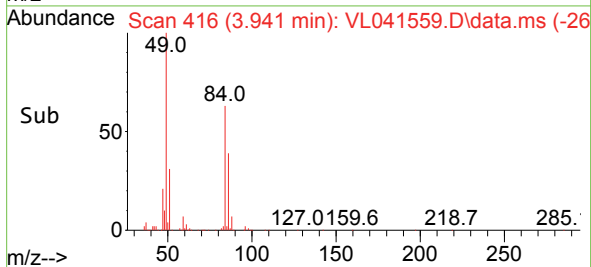
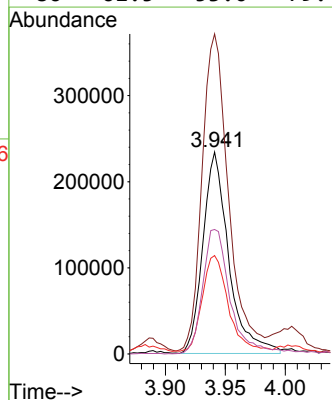
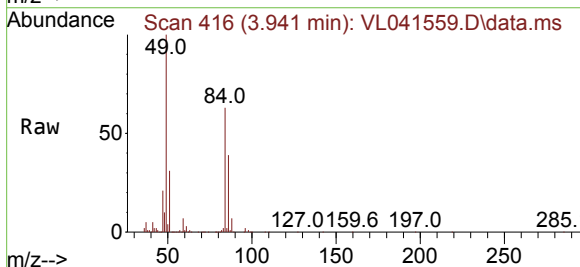
Ion Ratio Lower Upper

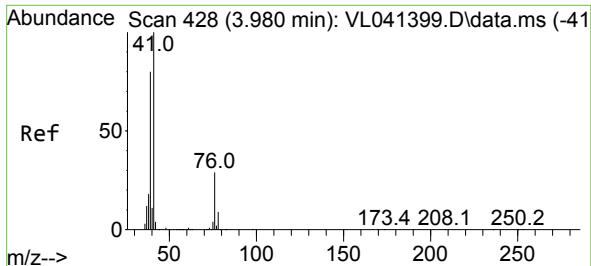
84 100

49 156.9 126.6 190.0

51 47.5 38.6 58.0

86 61.5 53.0 79.4

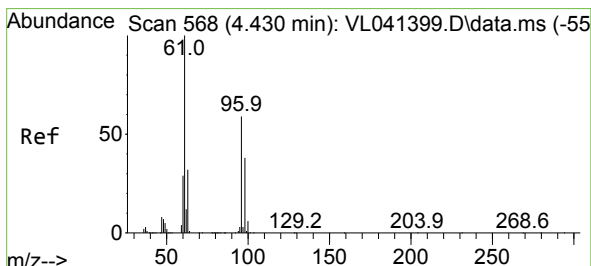
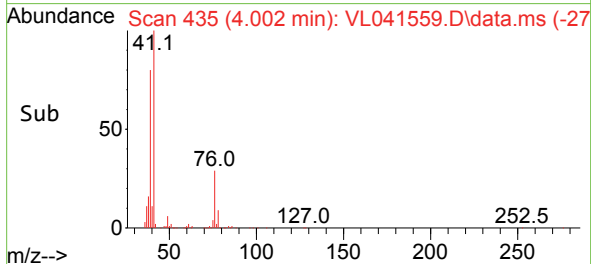
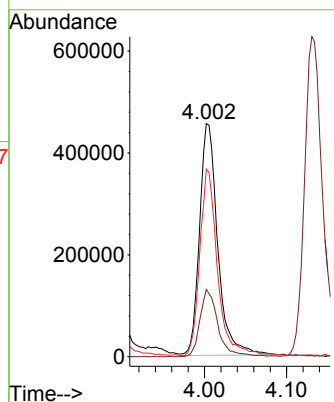
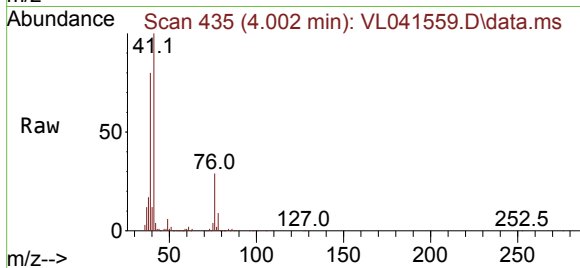




#21
 Allyl Chloride
 Concen: 8.675 ppbv
 RT: 4.002 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL041559.D
 Acq: 21 Aug 2024 9:09

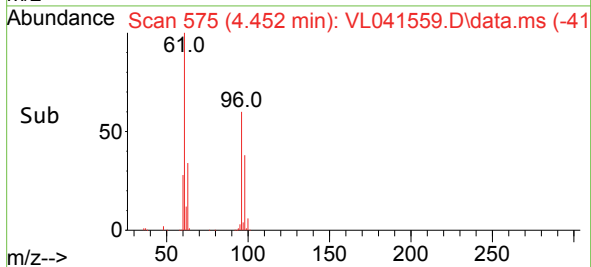
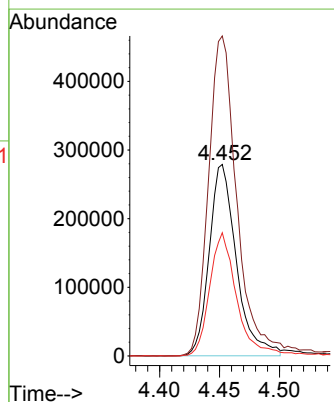
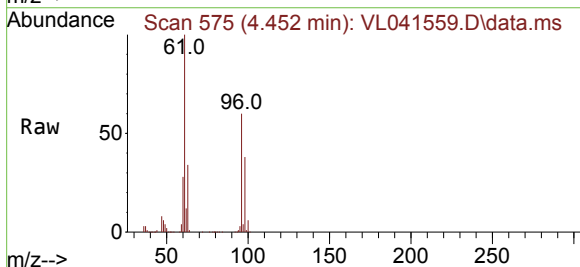
Instrument :
 MSVOA_L
 ClientSampleId :

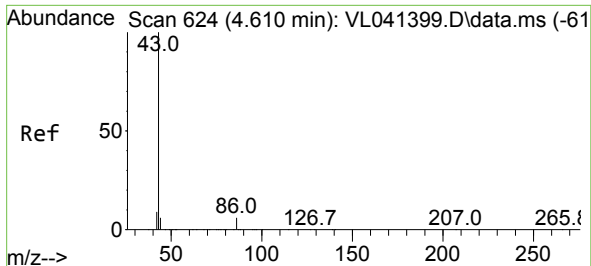
Tgt Ion: 41 Resp: 702572
 Ion Ratio Lower Upper
 41 100
 76 28.8 23.7 35.5
 39 78.5 64.3 96.5



#22
 trans-1,2-Dichloroethene
 Concen: 8.589 ppbv
 RT: 4.452 min Scan# 575
 Delta R.T. 0.000 min
 Lab File: VL041559.D
 Acq: 21 Aug 2024 9:09

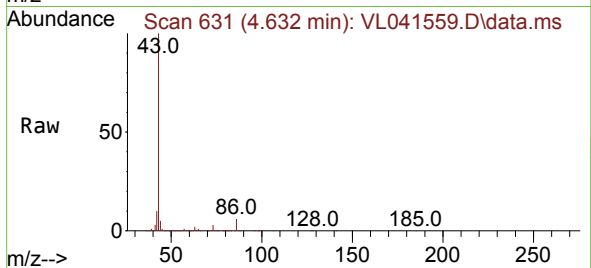
Tgt Ion: 96 Resp: 439260
 Ion Ratio Lower Upper
 96 100
 61 167.1 135.4 203.2
 98 64.4 51.0 76.4



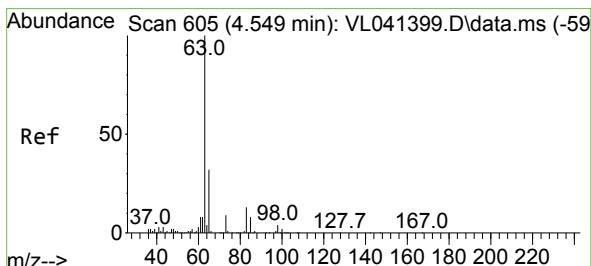
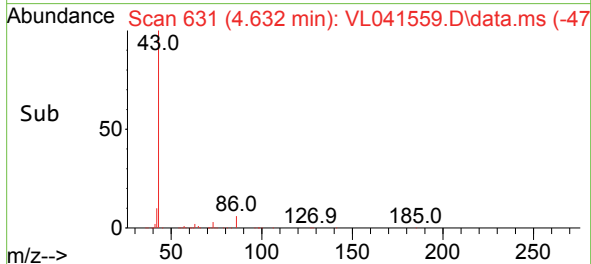
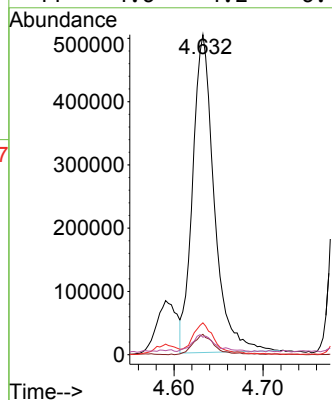


#23
 Vinyl Acetate
 Concen: 8.968 ppbv
 RT: 4.632 min Scan# 611
 Delta R.T. 0.000 min
 Lab File: VL041559.D
 Acq: 21 Aug 2024 9:09

Instrument :
 MSVOA_L
 ClientSampleId :

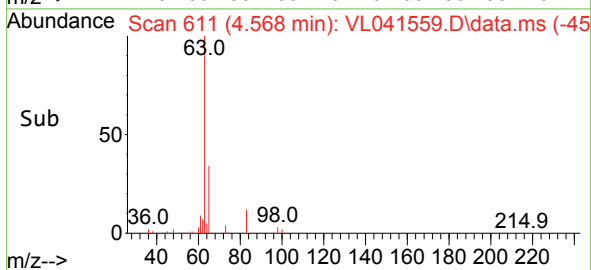
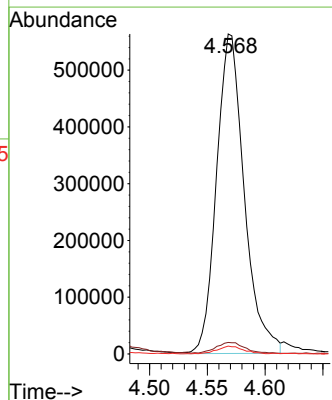
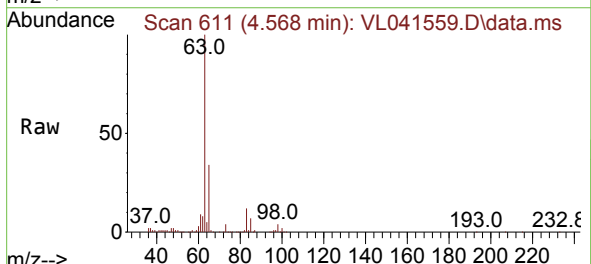


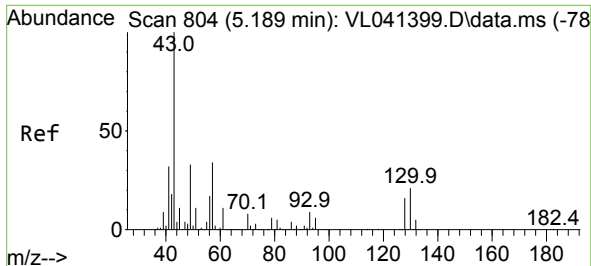
Tgt Ion:	43	Resp:	845801
Ion	Ratio	Lower	Upper
43	100		
86	6.4	4.6	6.8
42	9.9	7.9	11.9
44	4.6	4.2	6.4



#24
 1,1-Dichloroethane
 Concen: 8.460 ppbv
 RT: 4.568 min Scan# 611
 Delta R.T. 0.000 min
 Lab File: VL041559.D
 Acq: 21 Aug 2024 9:09

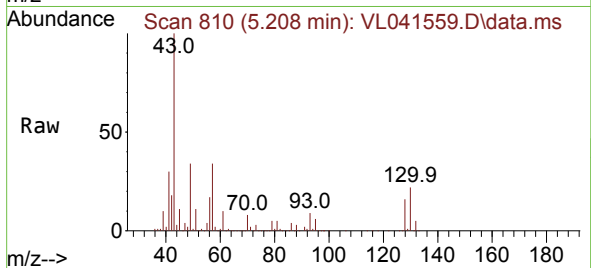
Tgt Ion:	63	Resp:	939439
Ion	Ratio	Lower	Upper
63	100		
98	3.3	2.0	6.0
100	2.4	1.2	3.6





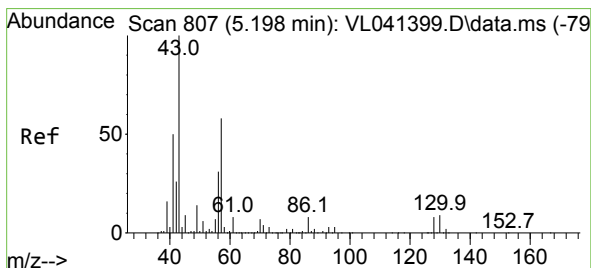
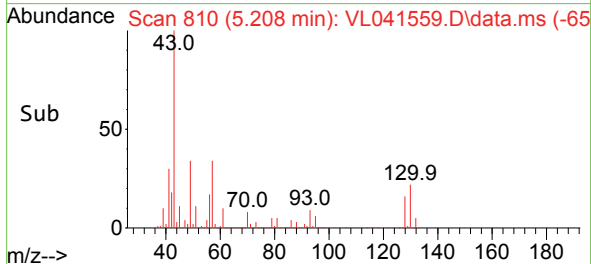
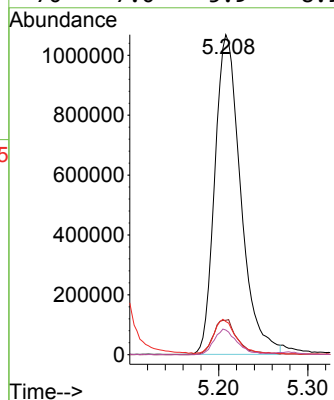
#25
Ethyl Acetate
Concen: 8.780 ppbv
RT: 5.208 min Scan# 810
Delta R.T. 0.000 min
Lab File: VL041559.D
Acq: 21 Aug 2024 9:09

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion: 43 Resp: 2154065

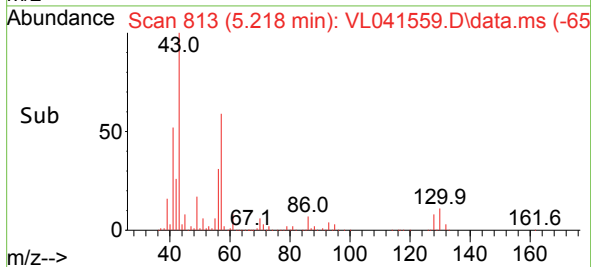
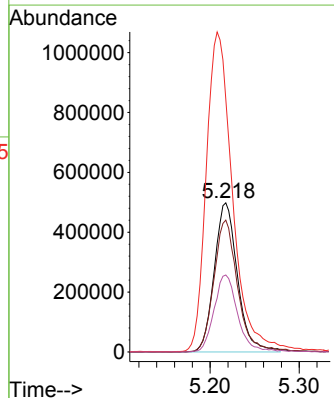
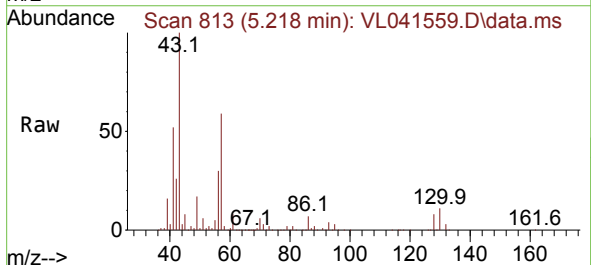
Ion	Ratio	Lower	Upper
43	100		
45	10.5	8.5	12.7
61	10.5	8.0	12.0
70	7.0	5.9	8.9

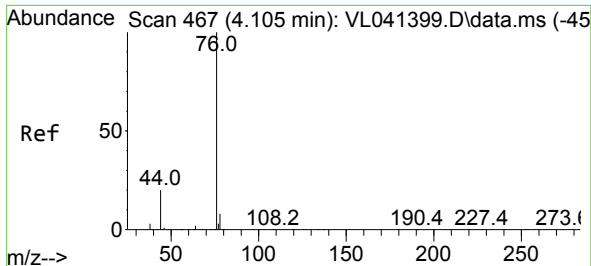


#26
Hexane
Concen: 8.860 ppbv
RT: 5.218 min Scan# 813
Delta R.T. 0.000 min
Lab File: VL041559.D
Acq: 21 Aug 2024 9:09

Tgt Ion: 57 Resp: 901666

Ion	Ratio	Lower	Upper
57	100		
41	91.5	74.0	111.0
43	244.1	193.6	290.4
56	52.9	43.1	64.7

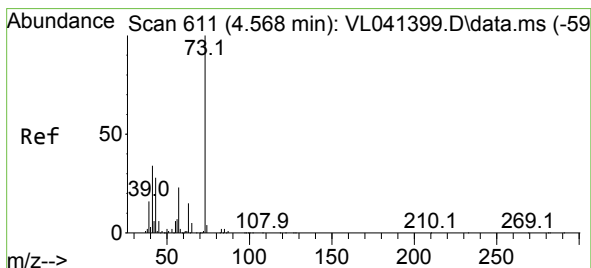
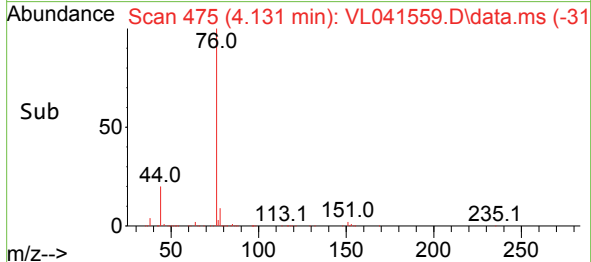
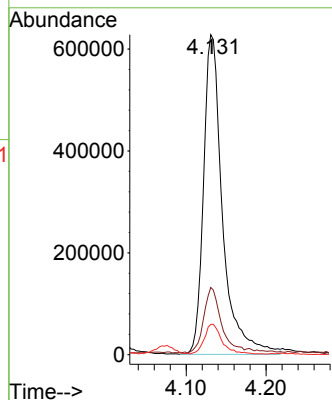
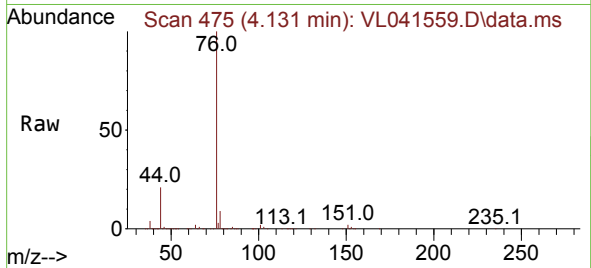




#27
Carbon Disulfide
Concen: 8.724 ppbv
RT: 4.131 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL041559.D
Acq: 21 Aug 2024 9:09

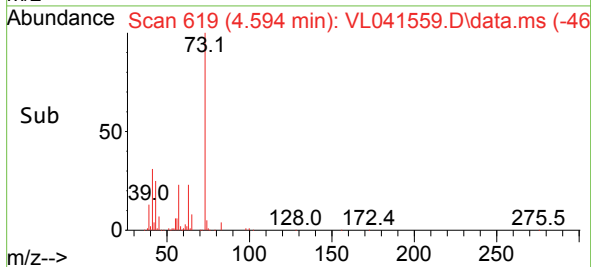
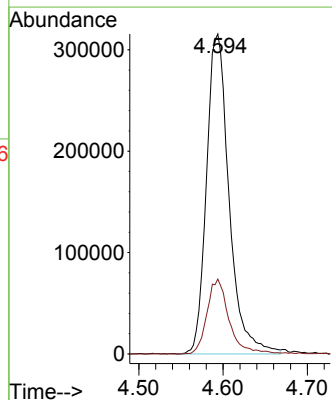
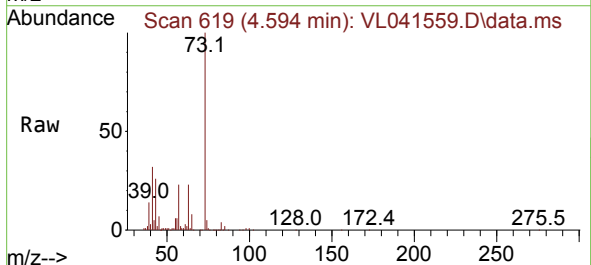
Instrument :
MSVOA_L
ClientSampleId :

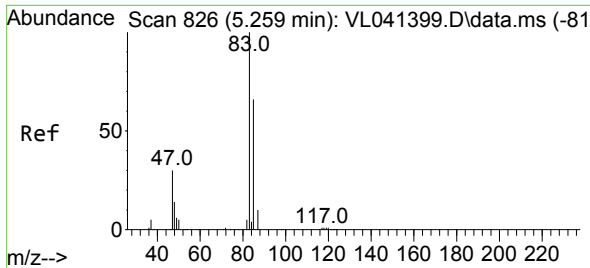
Tgt Ion: 76 Resp: 1038686
Ion Ratio Lower Upper
76 100
44 20.2 15.6 23.4
78 9.2 7.7 11.5



#28
Methyl tert-Butyl Ether
Concen: 9.174 ppbv
RT: 4.594 min Scan# 619
Delta R.T. 0.000 min
Lab File: VL041559.D
Acq: 21 Aug 2024 9:09

Tgt Ion: 73 Resp: 588772
Ion Ratio Lower Upper
73 100
57 23.3 18.9 28.3

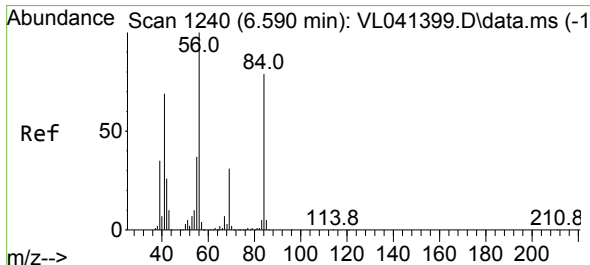
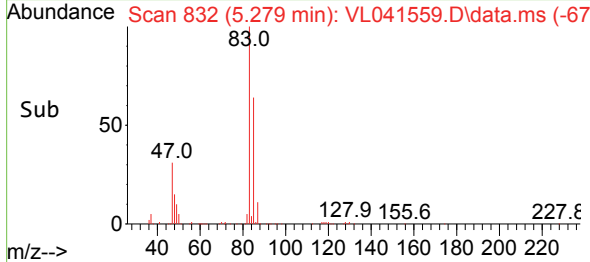
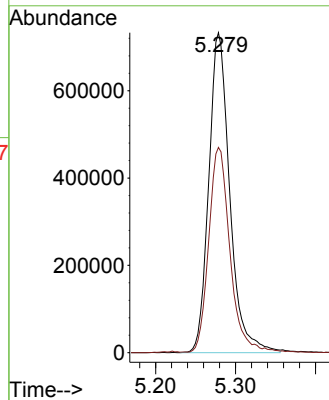
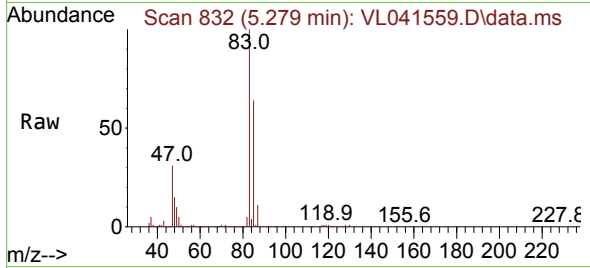




#29
Chloroform
Concen: 8.053 ppbv
RT: 5.279 min Scan# 81
Delta R.T. 0.000 min
Lab File: VL041559.D
Acq: 21 Aug 2024 9:09

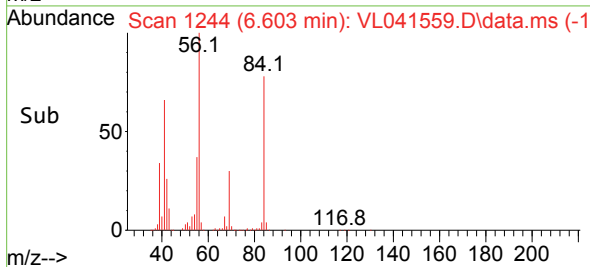
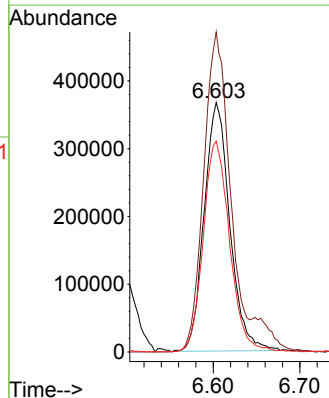
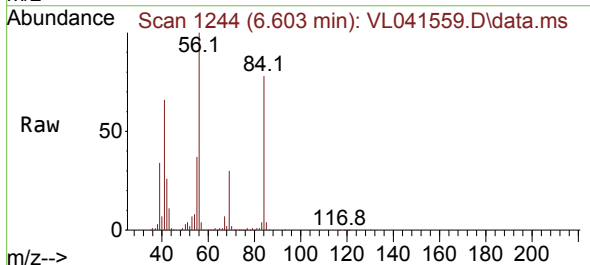
Instrument :
MSVOA_L
ClientSampleId :

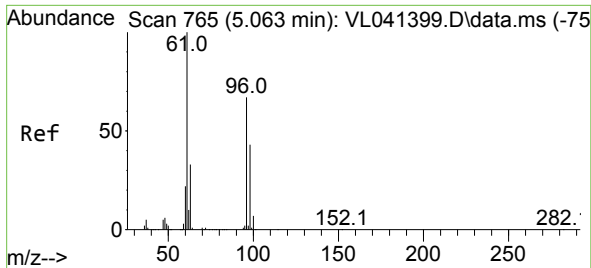
Tgt Ion: 83 Resp: 1336764
Ion Ratio Lower Upper
83 100
85 64.0 53.1 79.7



#30
Cyclohexane
Concen: 9.111 ppbv
RT: 6.603 min Scan# 1244
Delta R.T. 0.000 min
Lab File: VL041559.D
Acq: 21 Aug 2024 9:09

Tgt Ion: 84 Resp: 755129
Ion Ratio Lower Upper
84 100
56 141.3 111.2 166.8
41 87.5 70.3 105.5

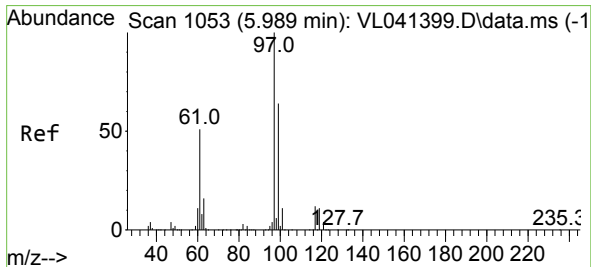
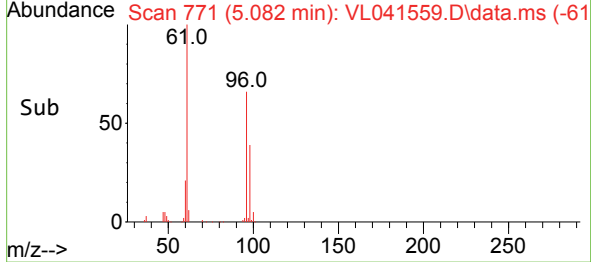
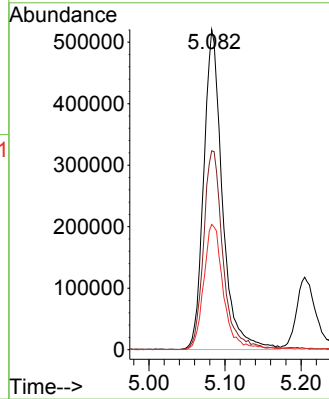
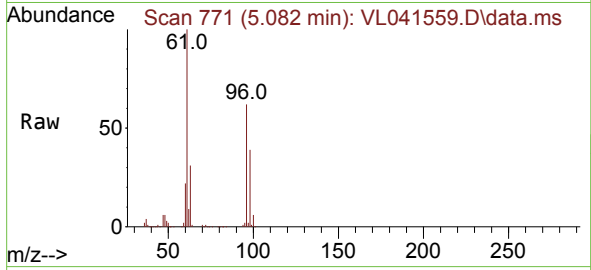




#31
 cis-1,2-Dichloroethene
 Concen: 8.859 ppbv
 RT: 5.082 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VL041559.D
 Acq: 21 Aug 2024 9:09

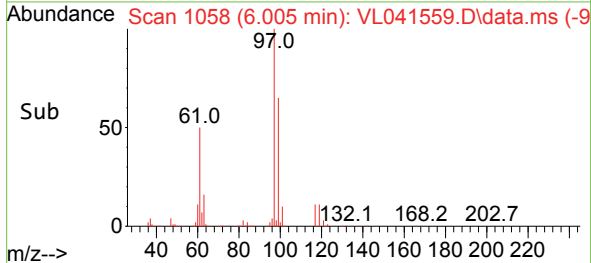
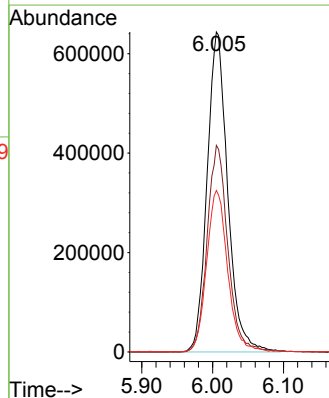
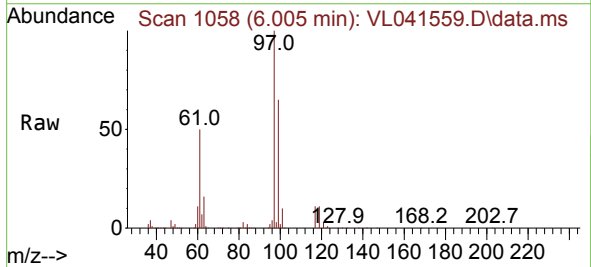
Instrument :
 MSVOA_L
 ClientSampleId :

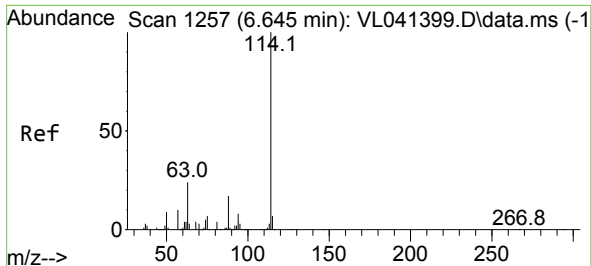
Tgt Ion: 61 Resp: 890622
 Ion Ratio Lower Upper
 61 100
 96 62.1 53.4 80.2
 98 39.1 34.4 51.6



#32
 1,1,1-Trichloroethane
 Concen: 8.050 ppbv
 RT: 6.005 min Scan# 1058
 Delta R.T. 0.000 min
 Lab File: VL041559.D
 Acq: 21 Aug 2024 9:09

Tgt Ion: 97 Resp: 1300796
 Ion Ratio Lower Upper
 97 100
 99 65.0 52.0 78.0
 61 52.0 41.8 62.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.655 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL041559.D

Acq: 21 Aug 2024 9:09

Instrument :

MSVOA_L

ClientSampleId :

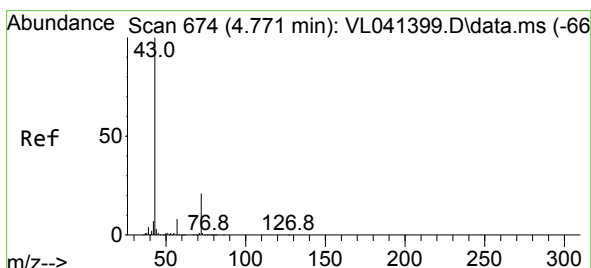
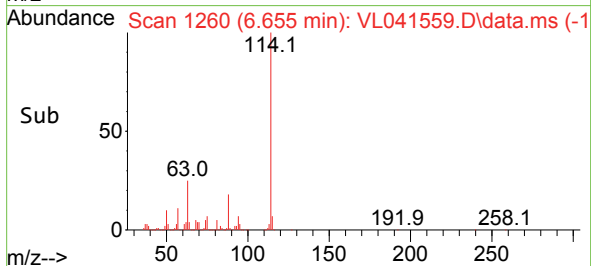
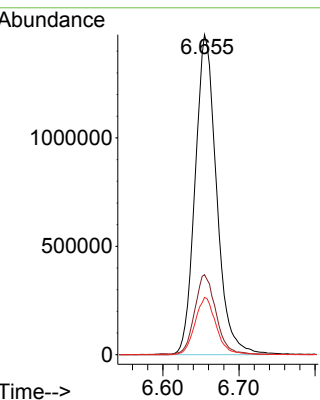
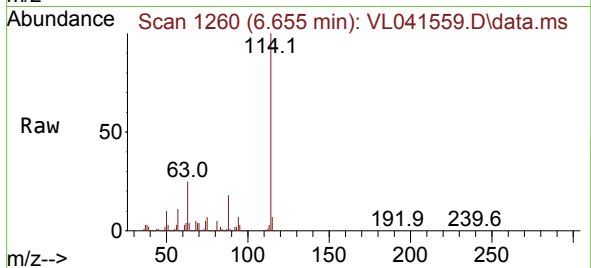
Tgt Ion:114 Resp: 2893733

Ion Ratio Lower Upper

114 100

63 25.3 20.3 30.5

88 17.7 14.3 21.5



#34

2-Butanone

Concen: 8.687 ppbv

RT: 4.793 min Scan# 681

Delta R.T. 0.000 min

Lab File: VL041559.D

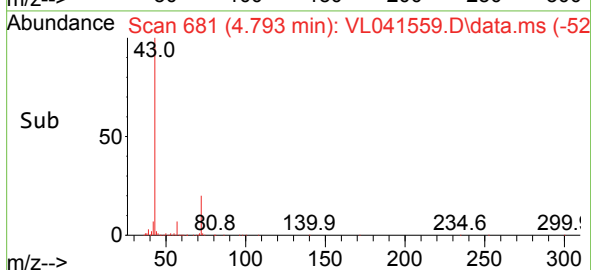
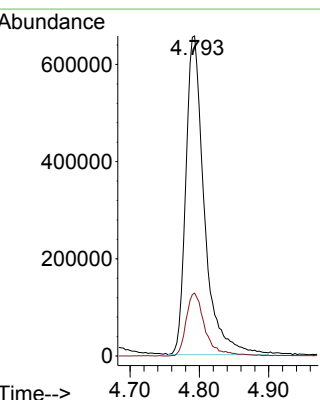
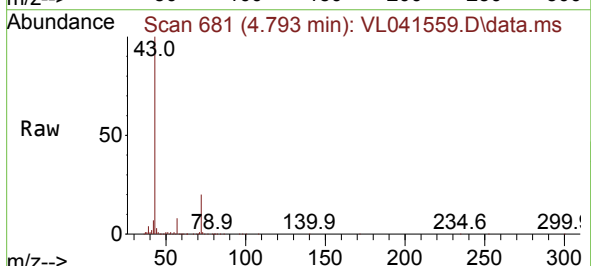
Acq: 21 Aug 2024 9:09

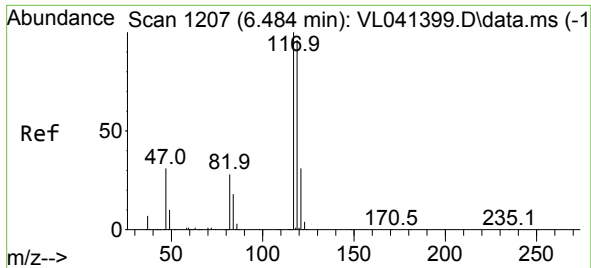
Tgt Ion: 43 Resp: 1215997

Ion Ratio Lower Upper

43 100

72 20.2 17.3 25.9

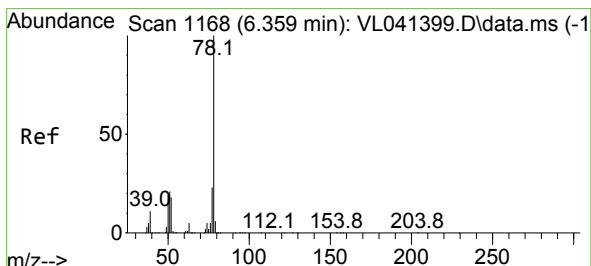
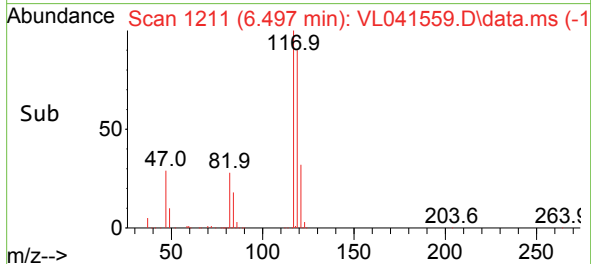
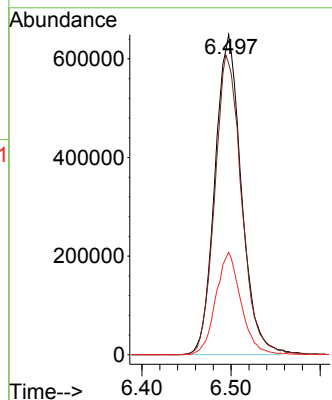
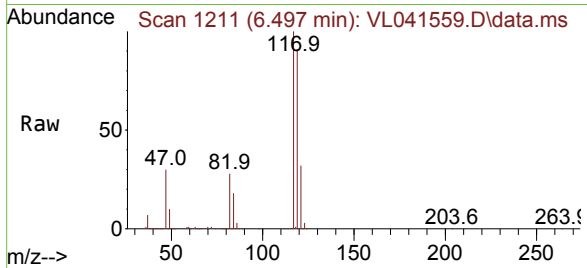




#35
Carbon Tetrachloride
Concen: 8.367 ppbv
RT: 6.497 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VL041559.D
Acq: 21 Aug 2024 9:09

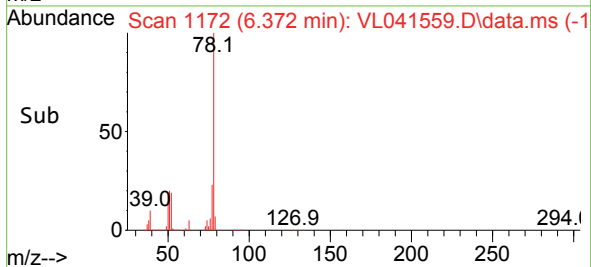
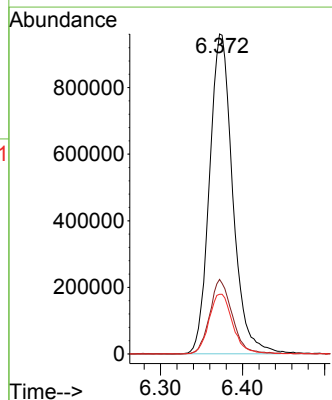
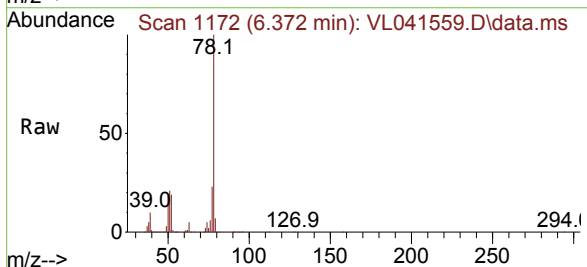
Instrument :
MSVOA_L
ClientSampleId :

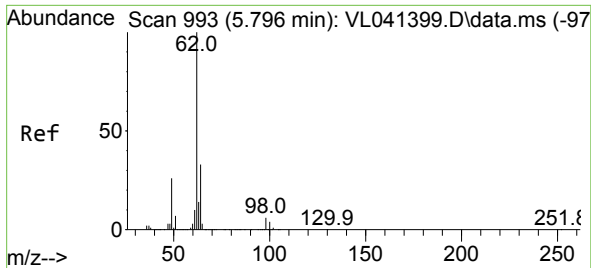
Tgt Ion:117 Resp: 1335386
Ion Ratio Lower Upper
117 100
119 90.9 76.6 115.0
121 32.0 25.1 37.7



#36
Benzene
Concen: 8.938 ppbv
RT: 6.372 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VL041559.D
Acq: 21 Aug 2024 9:09

Tgt Ion: 78 Resp: 1889961
Ion Ratio Lower Upper
78 100
77 23.3 18.1 27.1
50 18.6 15.5 23.3





#37

1,2-Dichloroethane

Concen: 8.649 ppbv

RT: 5.809 min Scan# 993

Delta R.T. 0.000 min

Lab File: VL041559.D

Acq: 21 Aug 2024 9:09

Instrument :

MSVOA_L

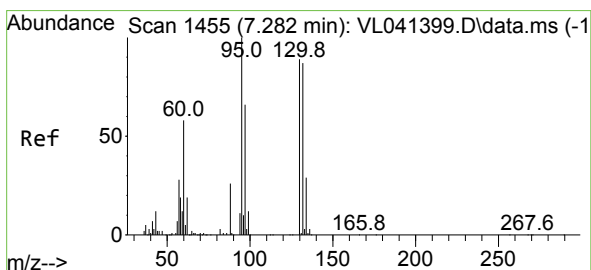
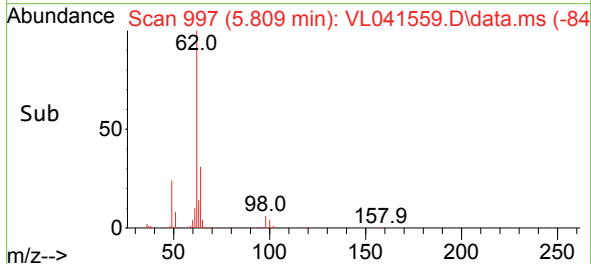
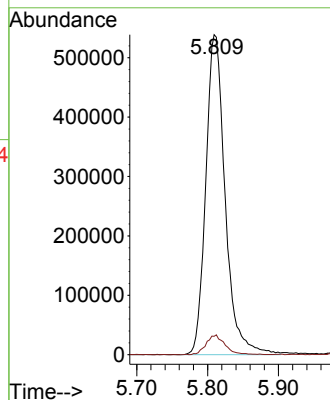
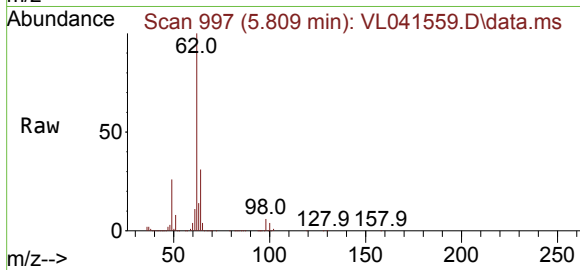
ClientSampleId :

Tgt Ion: 62 Resp: 1023612

Ion Ratio Lower Upper

62 100

98 6.1 5.0 7.4



#38

Trichloroethene

Concen: 9.193 ppbv

RT: 7.291 min Scan# 1458

Delta R.T. 0.000 min

Lab File: VL041559.D

Acq: 21 Aug 2024 9:09

Tgt Ion:130 Resp: 890484

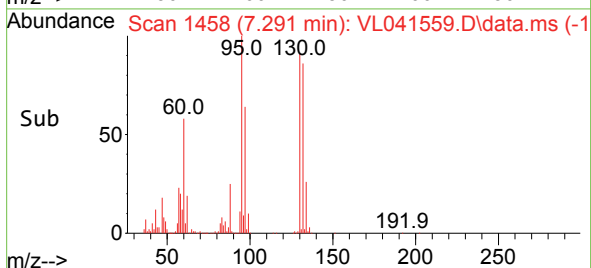
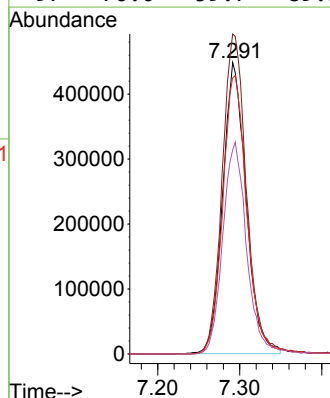
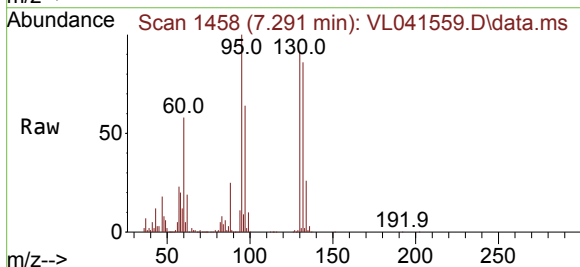
Ion Ratio Lower Upper

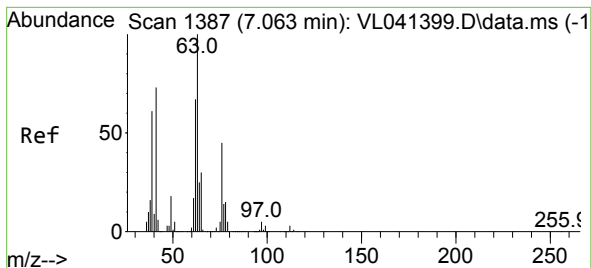
130 100

95 109.9 90.2 135.2

132 94.8 78.1 117.1

97 70.0 59.7 89.5





#39

1,2-Dichloropropane

Concen: 9.041 ppbv

RT: 7.076 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL041559.D

Acq: 21 Aug 2024 9:09

Instrument :

MSVOA_L

ClientSampleId :

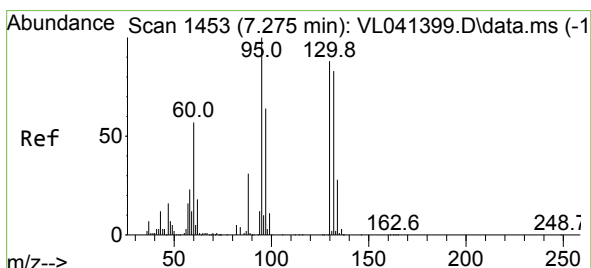
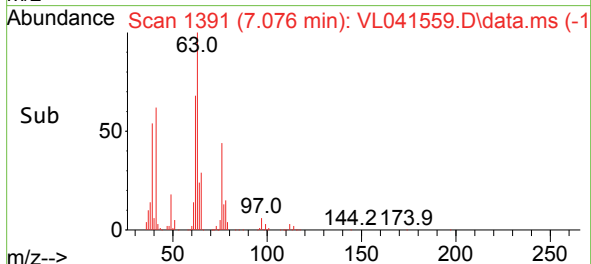
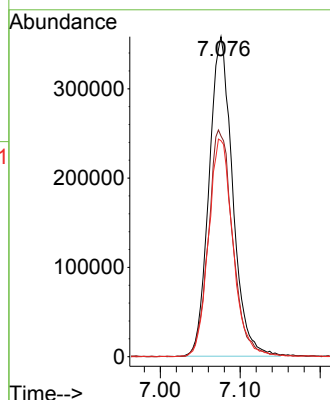
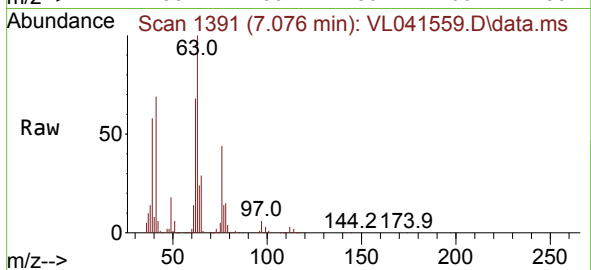
Tgt Ion: 63 Resp: 731909

Ion Ratio Lower Upper

63 100

41 69.0 58.3 87.5

62 67.5 53.9 80.9



#40

1,4-Dioxane

Concen: 8.830 ppbv

RT: 7.295 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VL041559.D

Acq: 21 Aug 2024 9:09

Tgt Ion: 88 Resp: 287158

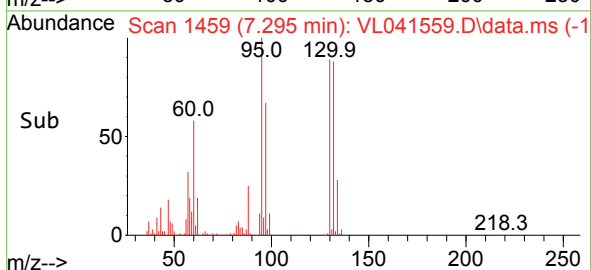
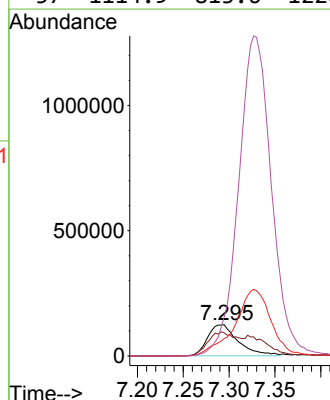
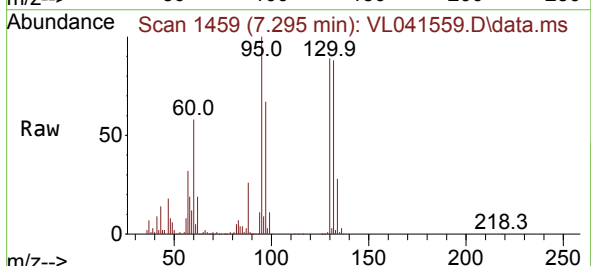
Ion Ratio Lower Upper

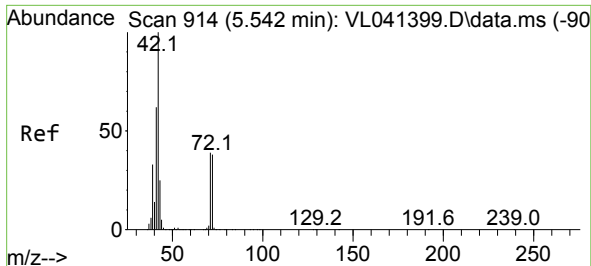
88 100

58 127.8 95.8 143.6

43 255.5 188.2 282.2

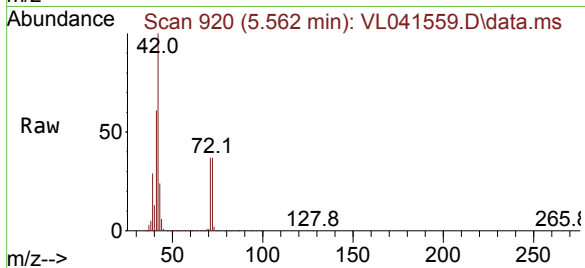
57 1114.9 813.6 1220.4



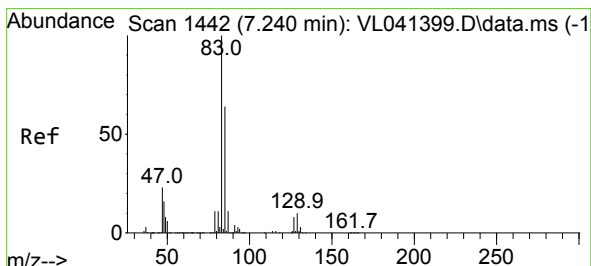
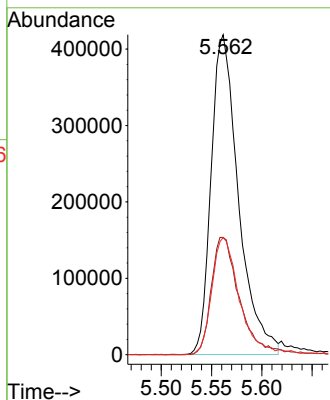
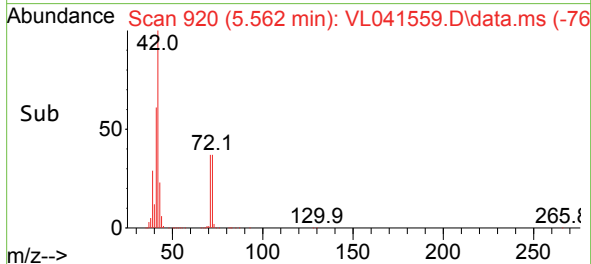


#41
Tetrahydrofuran
Concen: 9.903 ppbv
RT: 5.562 min Scan# 914
Delta R.T. 0.000 min
Lab File: VL041559.D
Acq: 21 Aug 2024 9:09

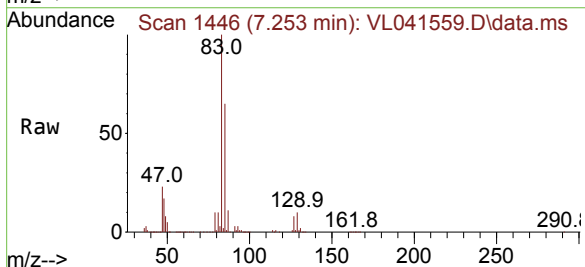
Instrument :
MSVOA_L
ClientSampleId :



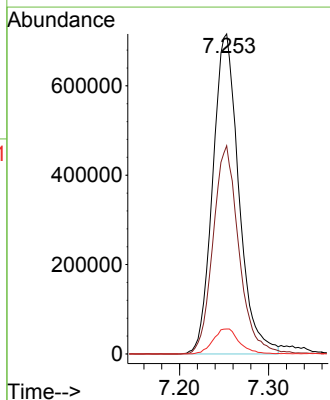
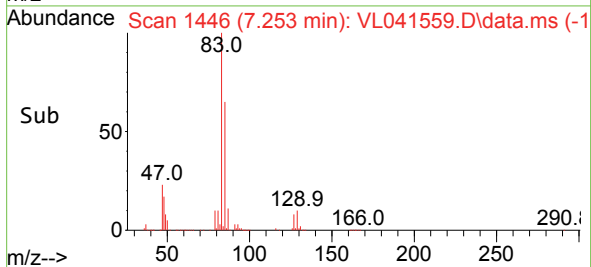
Tgt Ion: 42 Resp: 792841
Ion Ratio Lower Upper
42 100
72 38.3 31.2 46.8
71 37.8 30.5 45.7

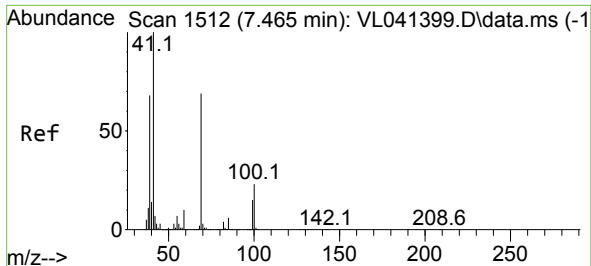


#42
Bromodichloromethane
Concen: 8.535 ppbv
RT: 7.253 min Scan# 1446
Delta R.T. 0.000 min
Lab File: VL041559.D
Acq: 21 Aug 2024 9:09



Tgt Ion: 83 Resp: 1458460
Ion Ratio Lower Upper
83 100
85 65.1 51.4 77.0
127 7.8 6.7 10.1

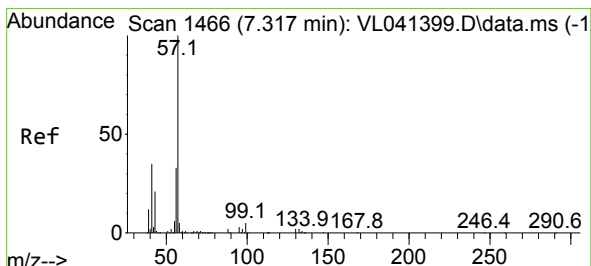
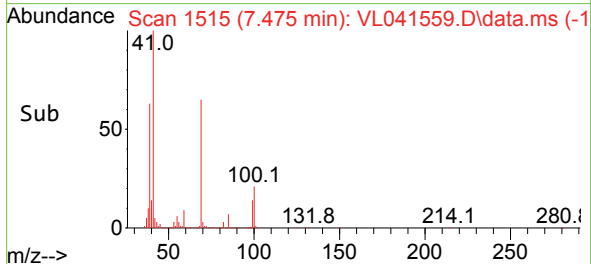
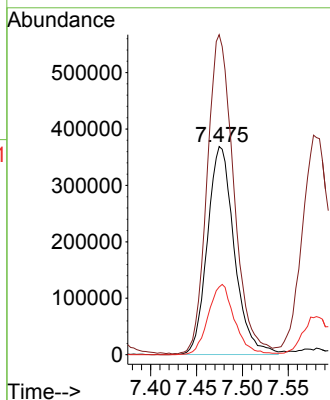
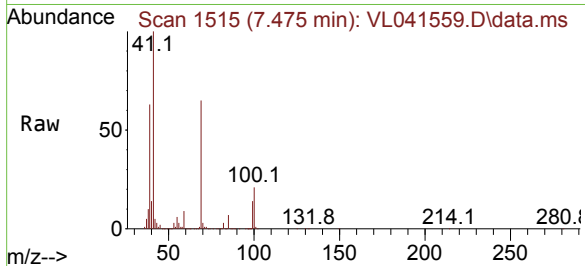




#43
Methyl Methacrylate
Concen: 9.930 ppbv
RT: 7.475 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VL041559.D
Acq: 21 Aug 2024 9:09

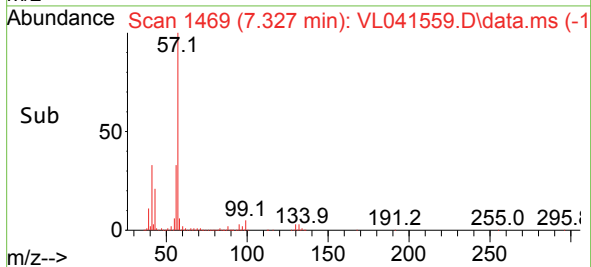
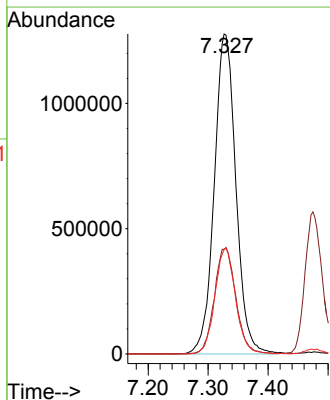
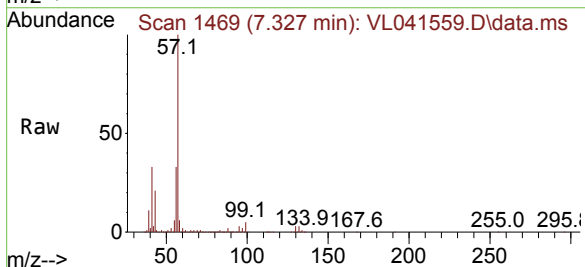
Instrument :
MSVOA_L
ClientSampleId :

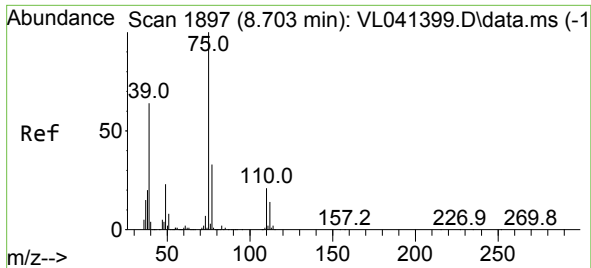
Tgt Ion: 69 Resp: 752897
Ion Ratio Lower Upper
69 100
41 152.7 118.7 178.1
100 32.9 27.0 40.4



#44
2,2,4-Trimethylpentane
Concen: 9.048 ppbv
RT: 7.327 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VL041559.D
Acq: 21 Aug 2024 9:09

Tgt Ion: 57 Resp: 3195555
Ion Ratio Lower Upper
57 100
41 32.9 27.0 40.6
56 31.6 25.2 37.8

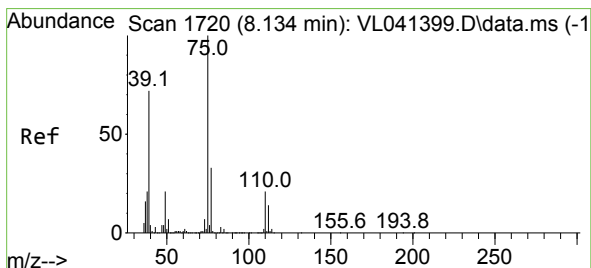
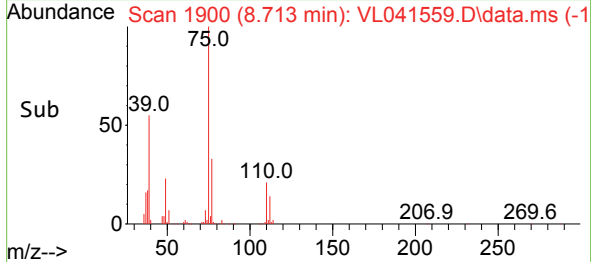
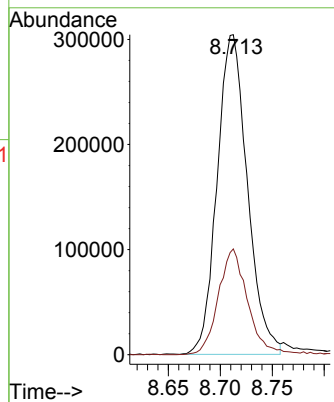
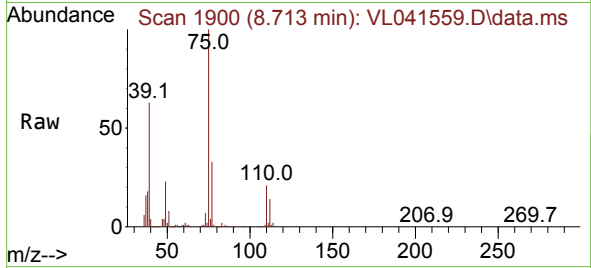




#45
 t-1,3-Dichloropropene
 Concen: 8.829 ppbv
 RT: 8.713 min Scan# 1900
 Delta R.T. 0.000 min
 Lab File: VL041559.D
 Acq: 21 Aug 2024 9:09

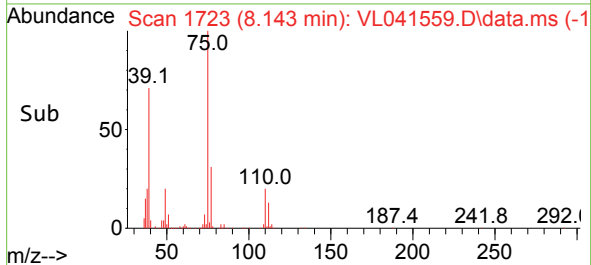
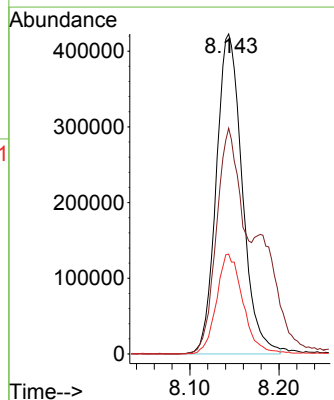
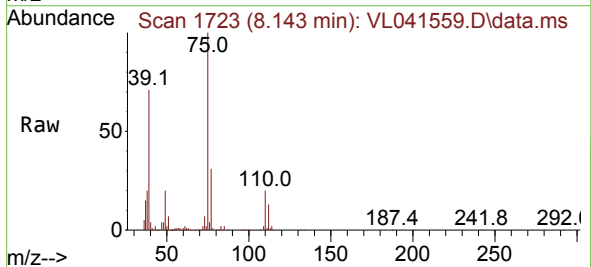
Instrument :
 MSVOA_L
 ClientSampleId :

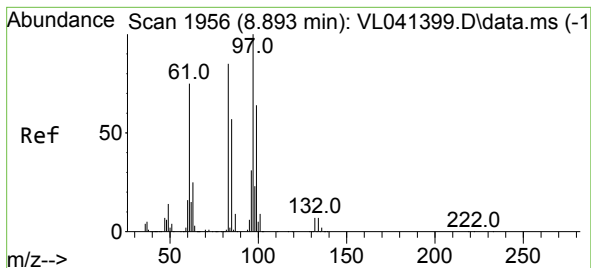
Tgt Ion: 75 Resp: 616199
 Ion Ratio Lower Upper
 75 100
 77 33.0 26.5 39.7



#46
 cis-1,3-Dichloropropene
 Concen: 8.504 ppbv
 RT: 8.143 min Scan# 1723
 Delta R.T. 0.000 min
 Lab File: VL041559.D
 Acq: 21 Aug 2024 9:09

Tgt Ion: 75 Resp: 857056
 Ion Ratio Lower Upper
 75 100
 39 70.5 57.3 85.9
 77 31.2 26.2 39.2





#47

1,1,2-Trichloroethane

Concen: 8.758 ppbv

RT: 8.899 min Scan# 1956

Delta R.T. 0.000 min

Lab File: VL041559.D

Acq: 21 Aug 2024 9:09

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 97 Resp: 781517

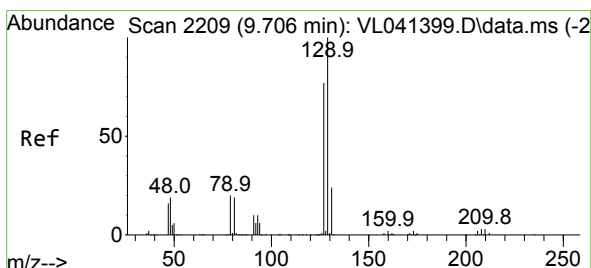
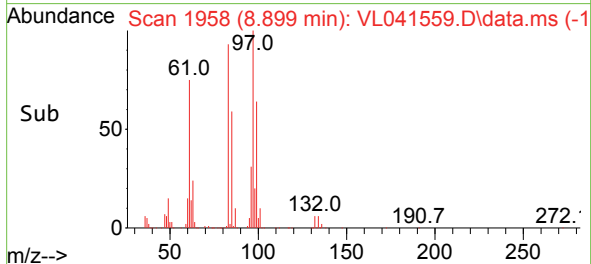
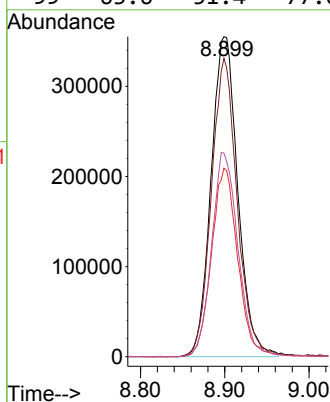
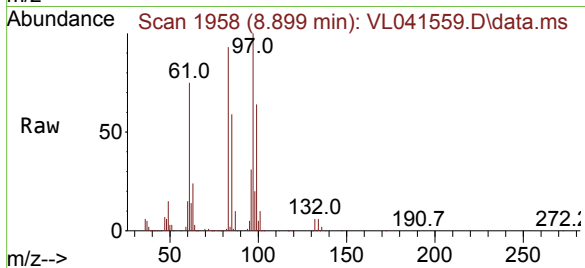
Ion Ratio Lower Upper

97 100

83 93.2 67.6 101.4

85 58.9 45.9 68.9

99 63.6 51.4 77.0



#48

Dibromochloromethane

Concen: 8.927 ppbv

RT: 9.713 min Scan# 2211

Delta R.T. 0.000 min

Lab File: VL041559.D

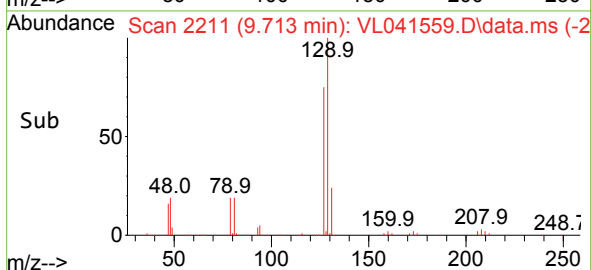
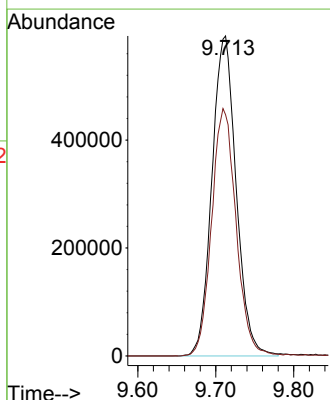
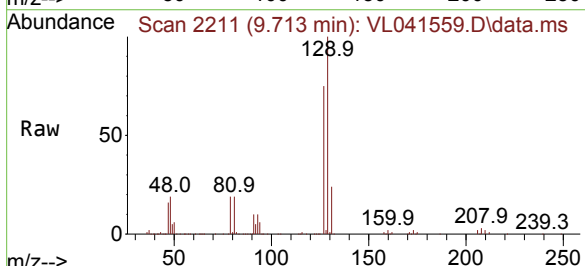
Acq: 21 Aug 2024 9:09

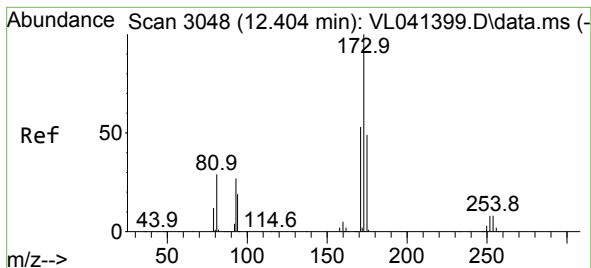
Tgt Ion: 129 Resp: 1283291

Ion Ratio Lower Upper

129 100

127 78.5 39.3 117.8





#49

Bromoform

Concen: 9.850 ppbv

RT: 12.407 min Scan# 3048

Delta R.T. 0.000 min

Lab File: VL041559.D

Acq: 21 Aug 2024 9:09

Instrument :

MSVOA_L

ClientSampleId :

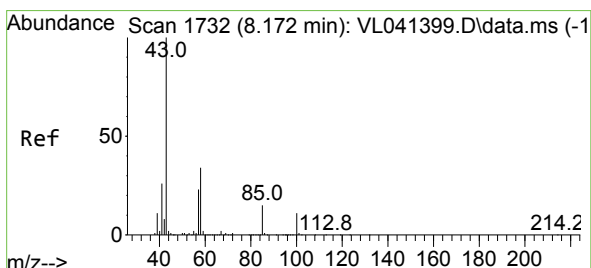
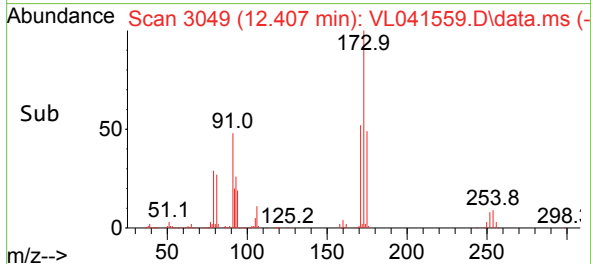
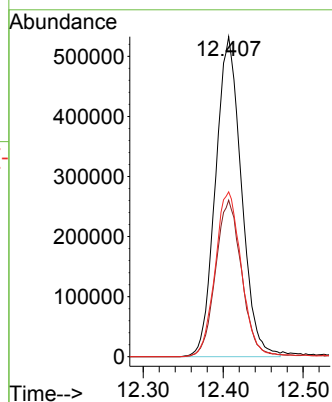
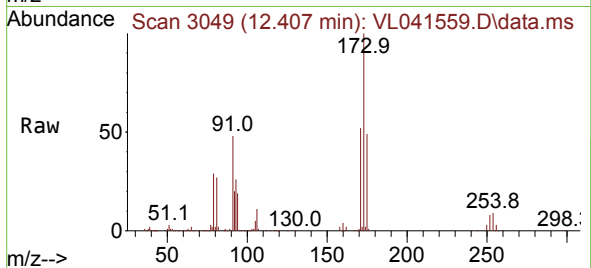
Tgt Ion:173 Resp: 1196073

Ion Ratio Lower Upper

173 100

175 50.0 39.9 59.9

171 53.0 41.7 62.5



#50

4-Methyl-2-Pentanone

Concen: 9.581 ppbv

RT: 8.182 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VL041559.D

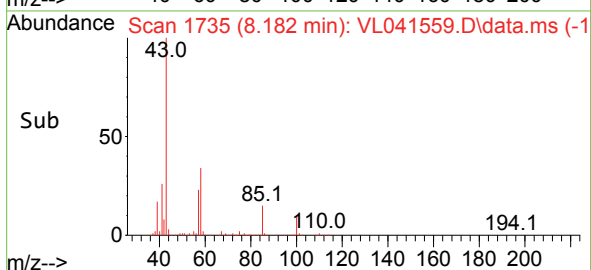
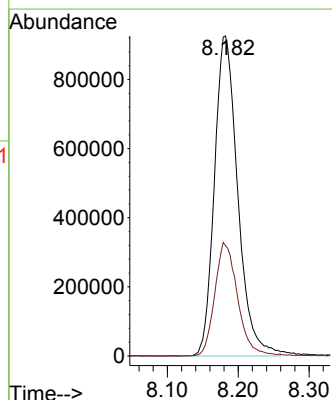
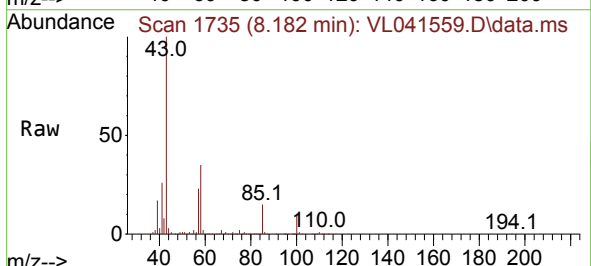
Acq: 21 Aug 2024 9:09

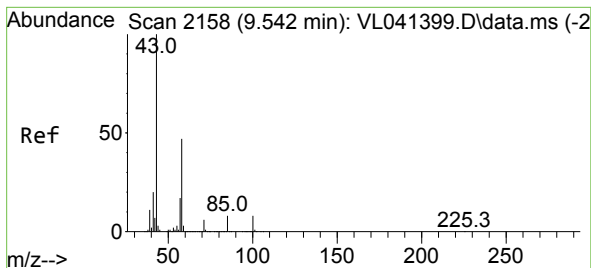
Tgt Ion: 43 Resp: 2115954

Ion Ratio Lower Upper

43 100

58 35.0 27.9 41.9





#51

2-Hexanone

Concen: 10.215 ppbv

RT: 9.552 min Scan# 2158

Delta R.T. 0.000 min

Lab File: VL041559.D

Acq: 21 Aug 2024 9:09

Instrument :

MSVOA_L

ClientSampleId :

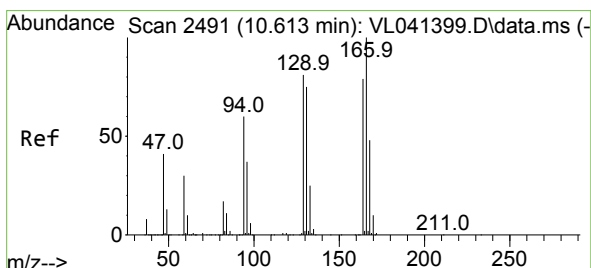
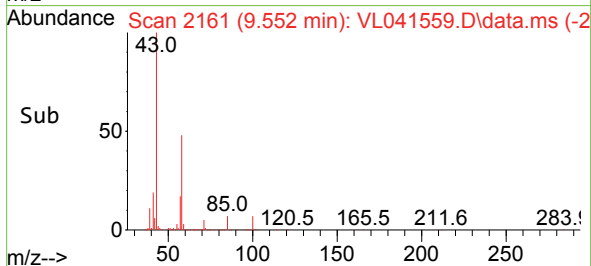
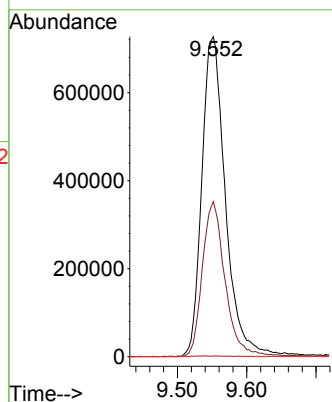
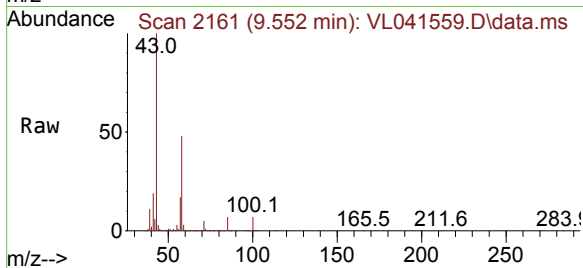
Tgt Ion: 43 Resp: 1705846

Ion Ratio Lower Upper

43 100

58 47.4 38.2 57.2

98 0.3 0.3 0.5



#52

Tetrachloroethene

Concen: 8.810 ppbv

RT: 10.616 min Scan# 2492

Delta R.T. 0.000 min

Lab File: VL041559.D

Acq: 21 Aug 2024 9:09

Tgt Ion: 164 Resp: 719801

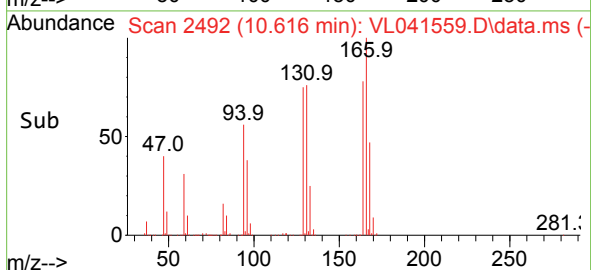
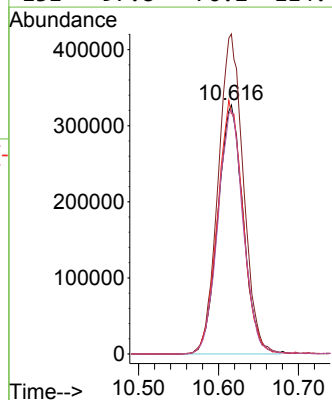
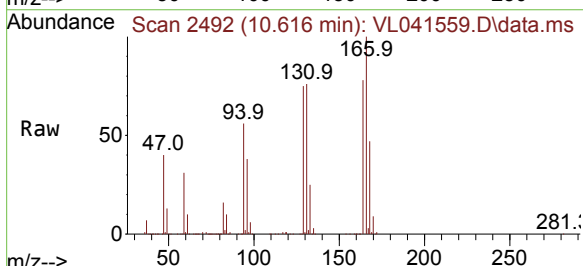
Ion Ratio Lower Upper

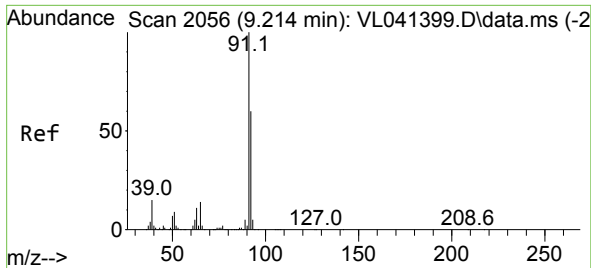
164 100

166 128.5 101.1 151.7

129 96.5 81.7 122.5

131 97.8 76.2 114.4

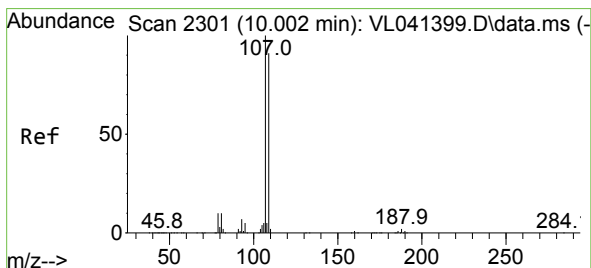
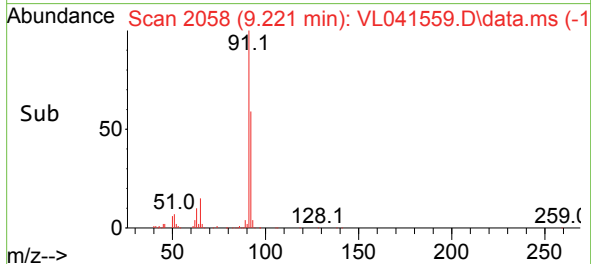
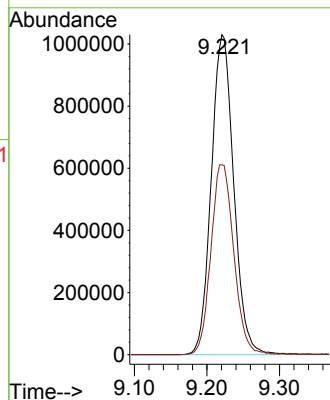
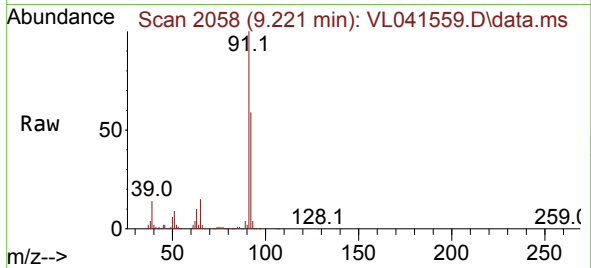




#53
Toluene
Concen: 9.405 ppbv
RT: 9.221 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VL041559.D
Acq: 21 Aug 2024 9:09

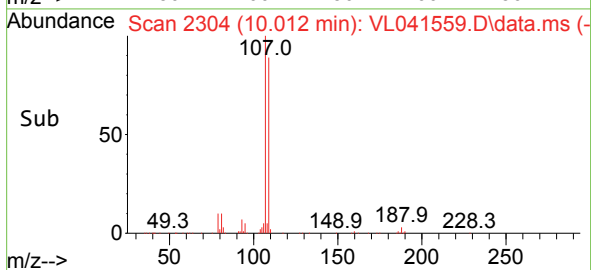
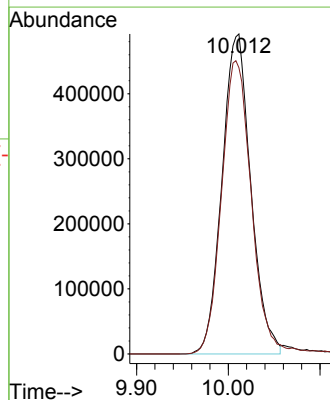
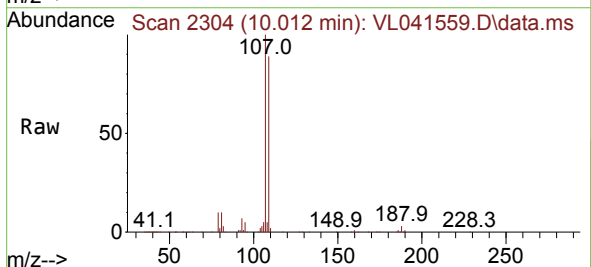
Instrument :
MSVOA_L
ClientSampleId :

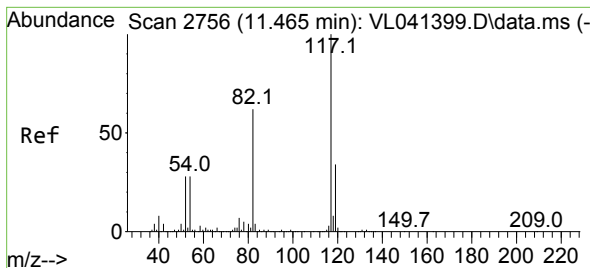
Tgt Ion: 91 Resp: 2215076
Ion Ratio Lower Upper
91 100
92 60.6 48.7 73.1



#54
1,2-Dibromoethane
Concen: 9.023 ppbv
RT: 10.012 min Scan# 2304
Delta R.T. 0.000 min
Lab File: VL041559.D
Acq: 21 Aug 2024 9:09

Tgt Ion: 107 Resp: 1071711
Ion Ratio Lower Upper
107 100
109 89.4 72.7 109.1

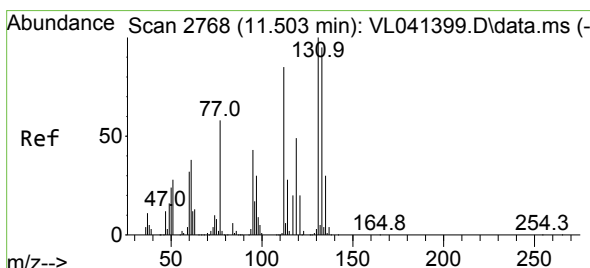
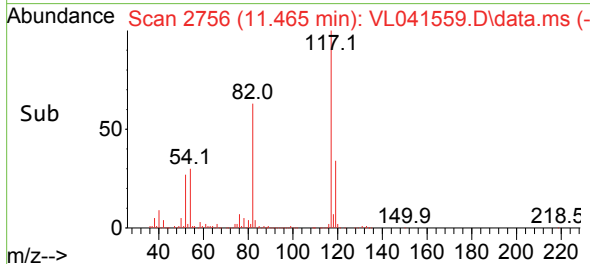
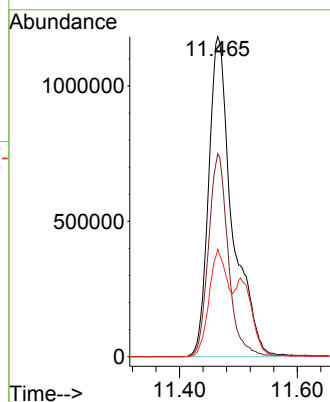
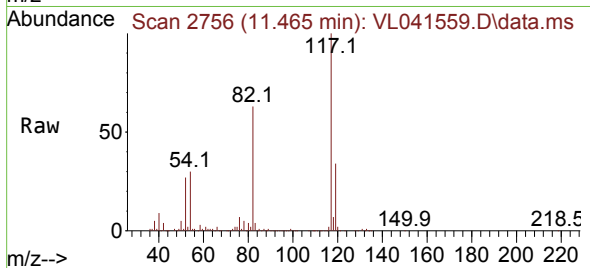




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.465 min Scan# 211
Delta R.T. 0.000 min
Lab File: VL041559.D
Acq: 21 Aug 2024 9:09

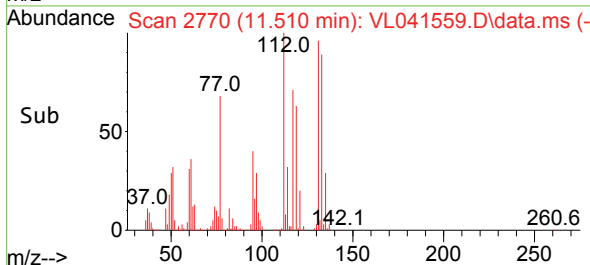
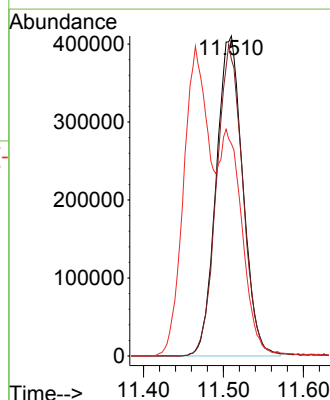
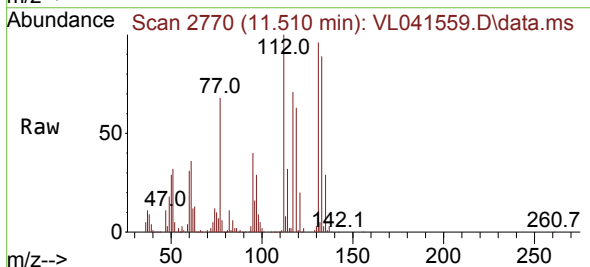
Instrument :
MSVOA_L
ClientSampleId :

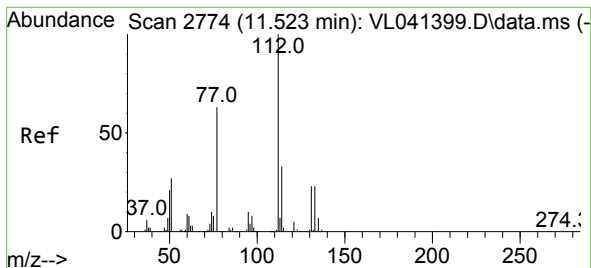
Tgt Ion:117 Resp: 3301180
Ion Ratio Lower Upper
117 100
82 53.0 51.0 76.6
119 28.8 45.2 67.8#



#56
1,1,1,2-Tetrachloroethane
Concen: 7.403 ppbv
RT: 11.510 min Scan# 2770
Delta R.T. 0.000 min
Lab File: VL041559.D
Acq: 21 Aug 2024 9:09

Tgt Ion:131 Resp: 947815
Ion Ratio Lower Upper
131 100
133 96.3 77.0 115.4
119 56.0 121.5 182.3#





#57

Chlorobenzene

Concen: 7.325 ppbv

RT: 11.526 min Scan# 21

Delta R.T. 0.000 min

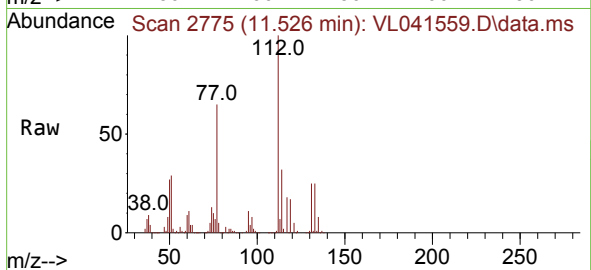
Lab File: VL041559.D

Acq: 21 Aug 2024 9:09

Instrument :

MSVOA_L

ClientSampleId :



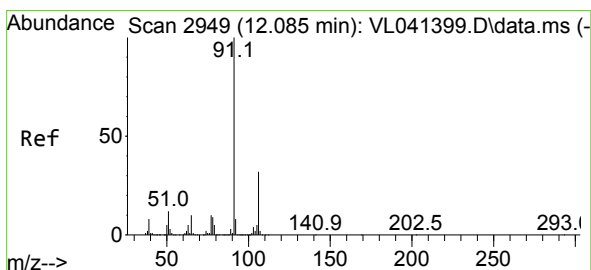
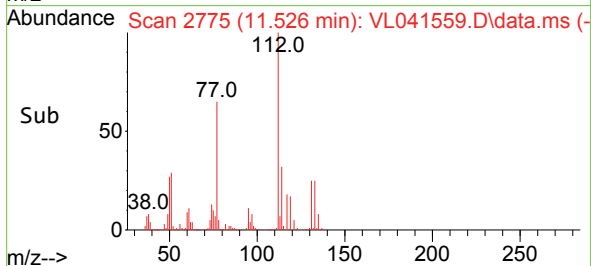
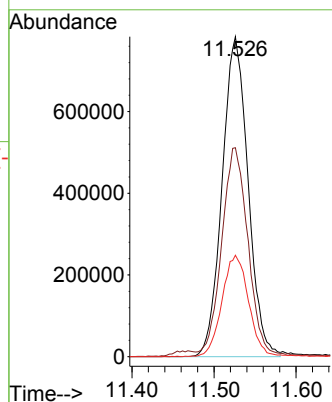
Tgt Ion:112 Resp: 1721709

Ion Ratio Lower Upper

112 100

77 64.3 51.1 76.7

114 31.6 29.5 36.1



#58

Ethyl Benzene

Concen: 7.967 ppbv

RT: 12.089 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VL041559.D

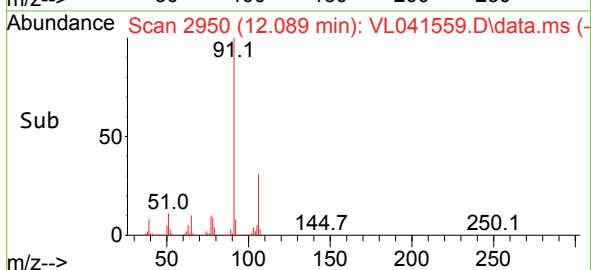
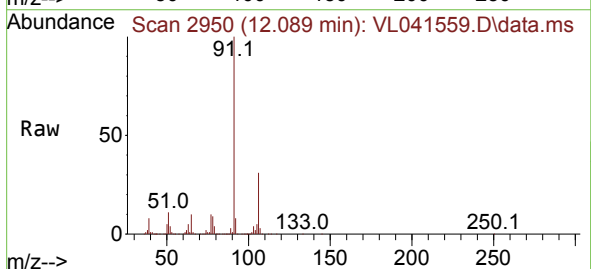
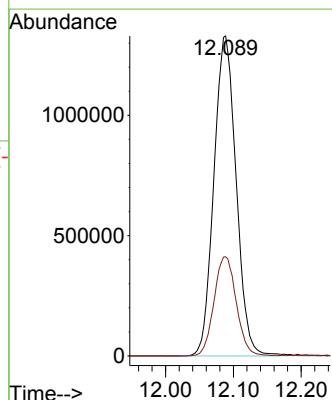
Acq: 21 Aug 2024 9:09

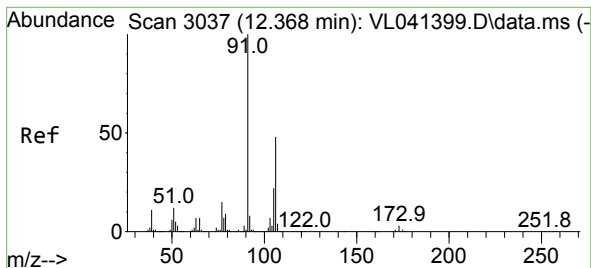
Tgt Ion: 91 Resp: 3031304

Ion Ratio Lower Upper

91 100

106 31.0 25.8 38.8





#59

m/p-Xylene

Concen: 9.246 ppbv

RT: 12.372 min Scan# 3037

Delta R.T. 0.000 min

Lab File: VL041559.D

Acq: 21 Aug 2024 9:09

Instrument :

MSVOA_L

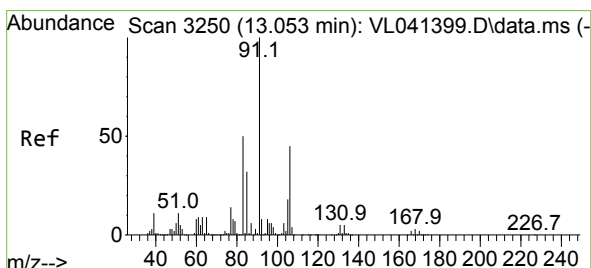
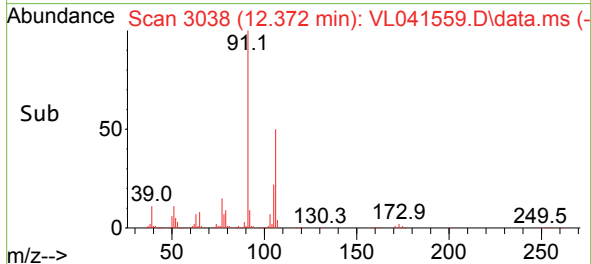
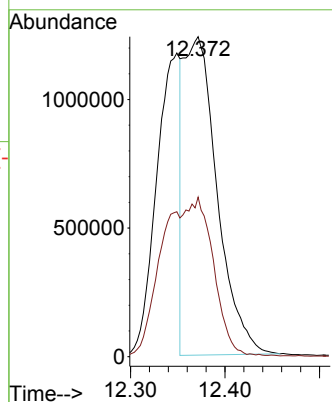
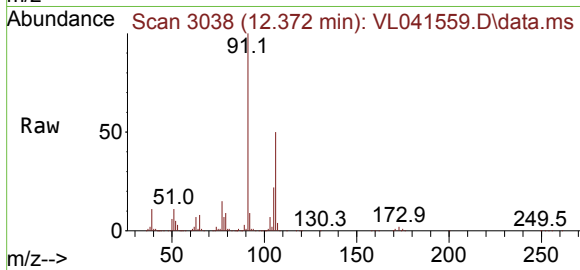
ClientSampleId :

Tgt Ion: 91 Resp: 3036946

Ion Ratio Lower Upper

91 100

106 77.0 36.3 54.5#



#60

o-Xylene

Concen: 7.966 ppbv

RT: 13.056 min Scan# 3251

Delta R.T. 0.000 min

Lab File: VL041559.D

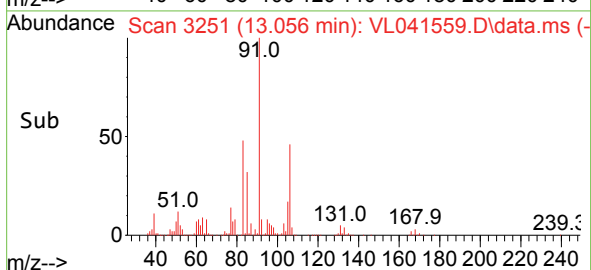
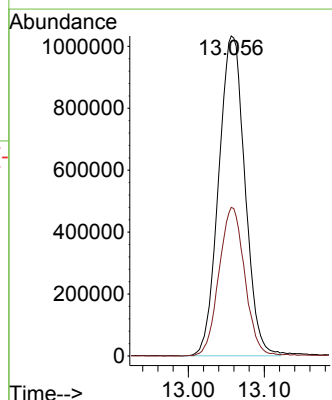
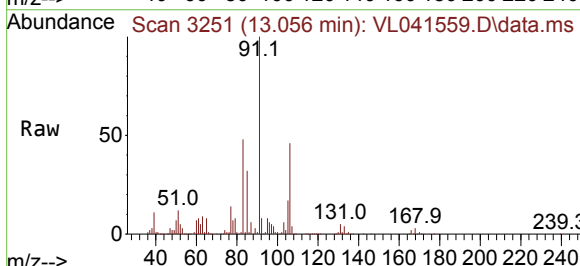
Acq: 21 Aug 2024 9:09

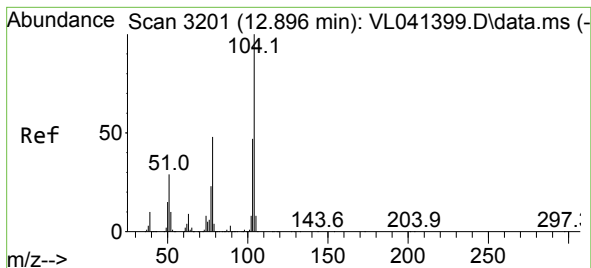
Tgt Ion: 91 Resp: 2475304

Ion Ratio Lower Upper

91 100

106 46.3 23.1 69.3





#61

Styrene

Concen: 8.755 ppbv

RT: 12.896 min Scan# 31

Delta R.T. 0.000 min

Lab File: VL041559.D

Acq: 21 Aug 2024 9:09

Instrument :

MSVOA_L

ClientSampleId :

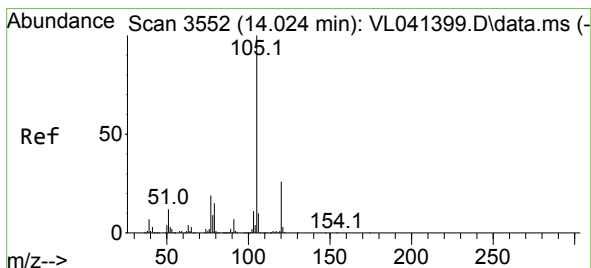
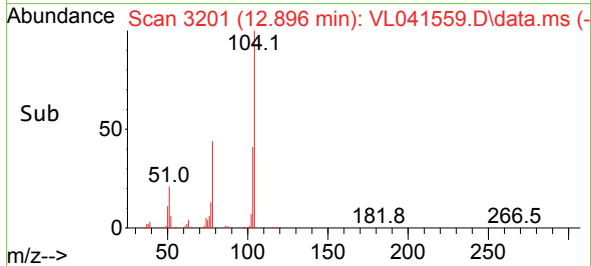
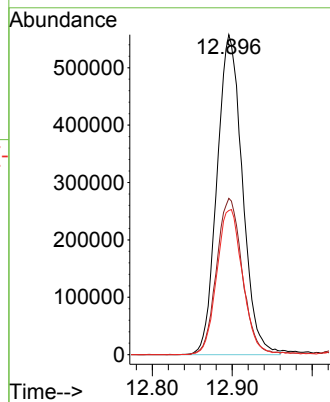
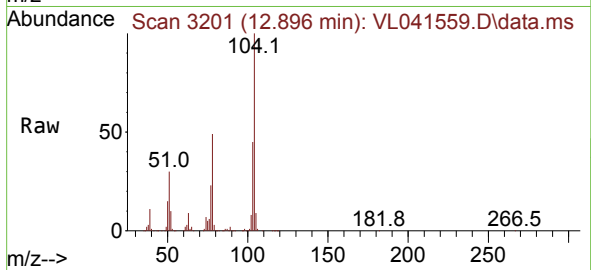
Tgt Ion:104 Resp: 1227266

Ion Ratio Lower Upper

104 100

78 50.2 40.8 61.2

103 46.8 38.2 57.4



#62

Isopropylbenzene

Concen: 7.755 ppbv

RT: 14.027 min Scan# 3553

Delta R.T. 0.000 min

Lab File: VL041559.D

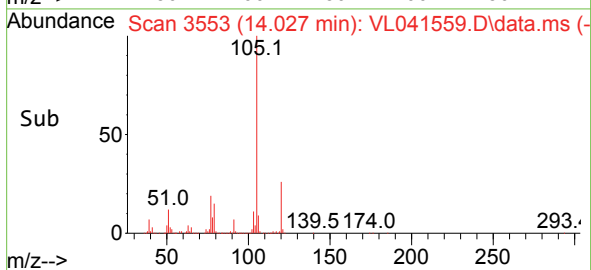
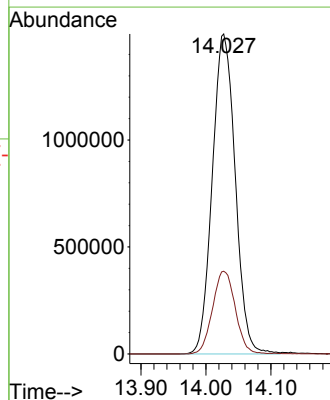
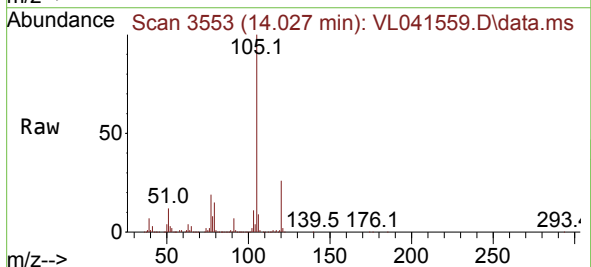
Acq: 21 Aug 2024 9:09

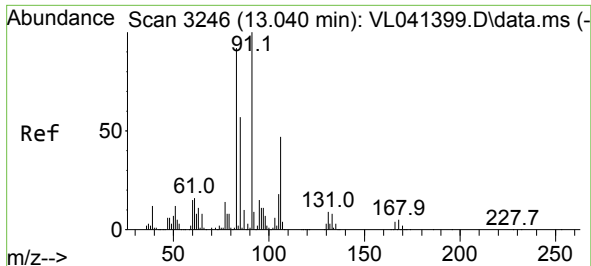
Tgt Ion:105 Resp: 3663004

Ion Ratio Lower Upper

105 100

120 25.8 21.0 31.4

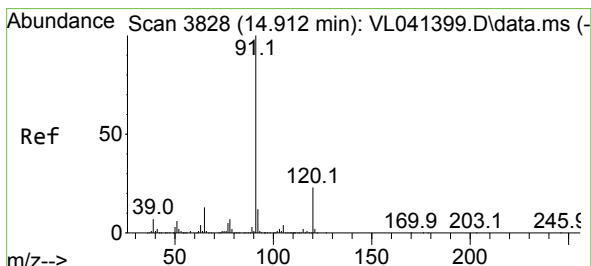
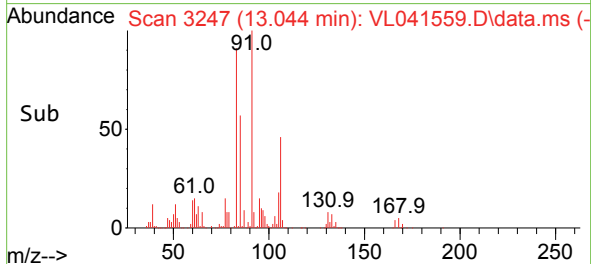
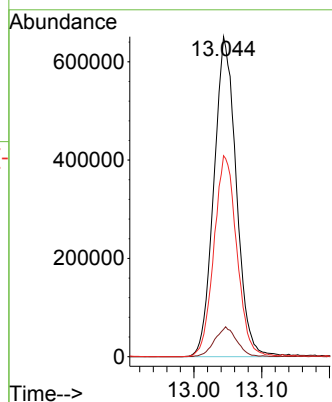
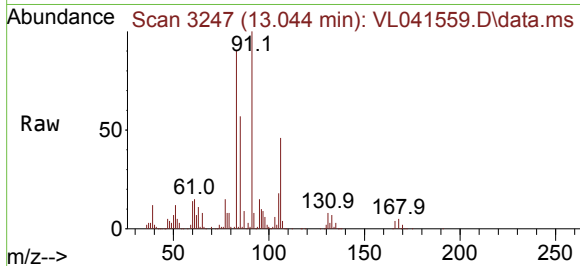




#63
1,1,2,2-Tetrachloroethane
Concen: 7.611 ppbv
RT: 13.044 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL041559.D
Acq: 21 Aug 2024 9:09

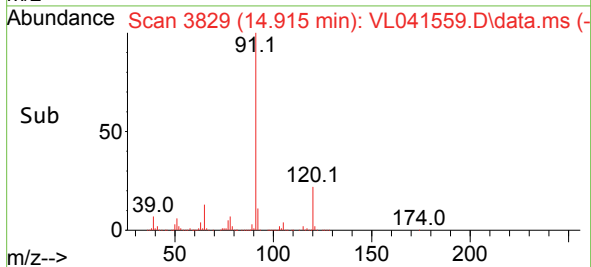
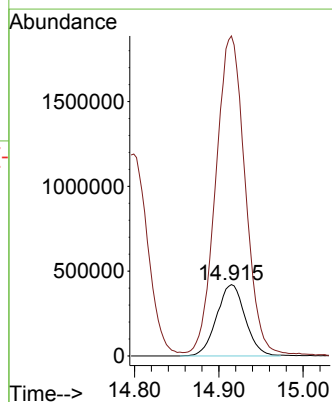
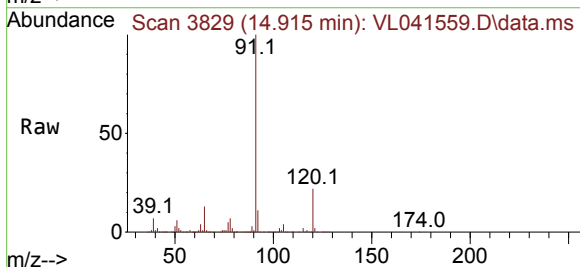
Instrument :
MSVOA_L
ClientSampleId :

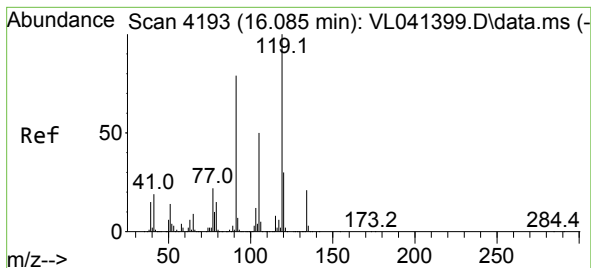
Tgt Ion: 83 Resp: 1493266
Ion Ratio Lower Upper
83 100
131 9.4 4.8 14.4
85 64.9 32.6 98.0



#64
n-propylbenzene
Concen: 8.015 ppbv
RT: 14.915 min Scan# 3829
Delta R.T. 0.000 min
Lab File: VL041559.D
Acq: 21 Aug 2024 9:09

Tgt Ion:120 Resp: 989839
Ion Ratio Lower Upper
120 100
91 466.2 361.4 542.0

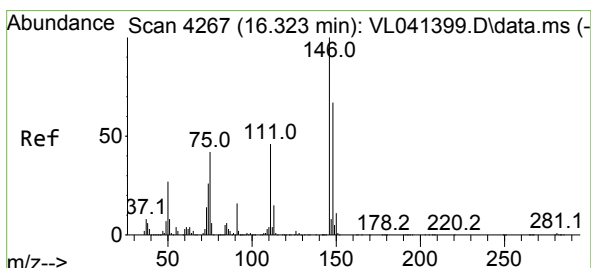
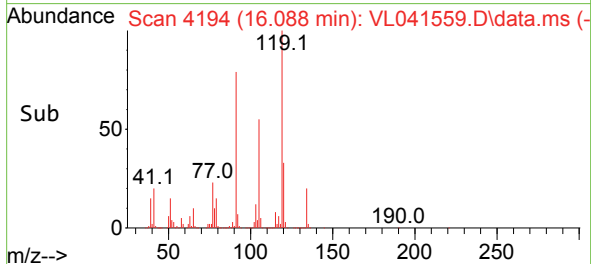
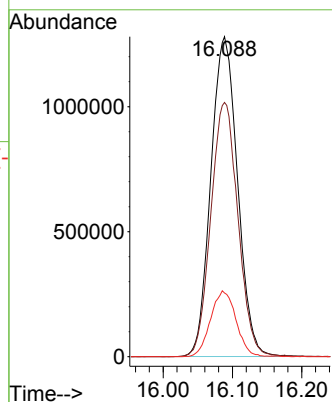
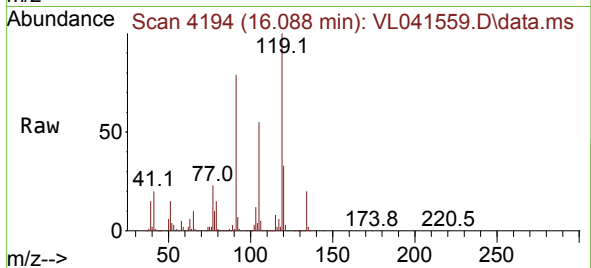




#65
tert-Butylbenzene
Concen: 8.014 ppbv
RT: 16.088 min Scan# 4193
Delta R.T. 0.000 min
Lab File: VL041559.D
Acq: 21 Aug 2024 9:09

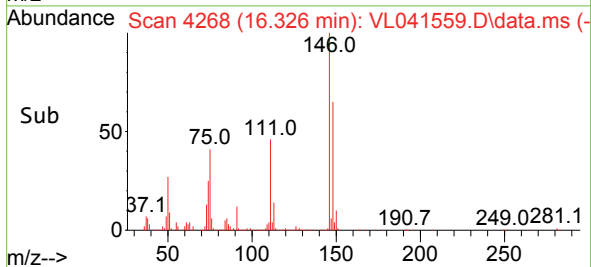
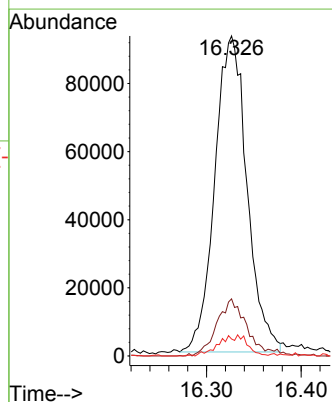
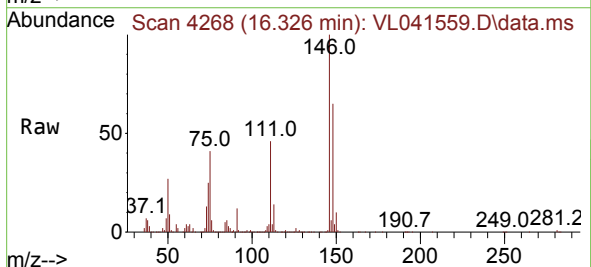
Instrument :
MSVOA_L
ClientSampleId :

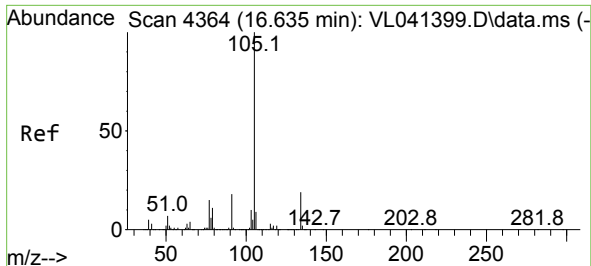
Tgt Ion:119 Resp: 3419143
Ion Ratio Lower Upper
119 100
91 81.0 64.2 96.2
134 19.8 15.7 23.5



#66
Benzyl Chloride
Concen: 8.018 ppbv
RT: 16.326 min Scan# 4268
Delta R.T. 0.000 min
Lab File: VL041559.D
Acq: 21 Aug 2024 9:09

Tgt Ion: 91 Resp: 219411
Ion Ratio Lower Upper
91 100
126 17.3 13.8 20.8
128 6.3 4.4 6.6

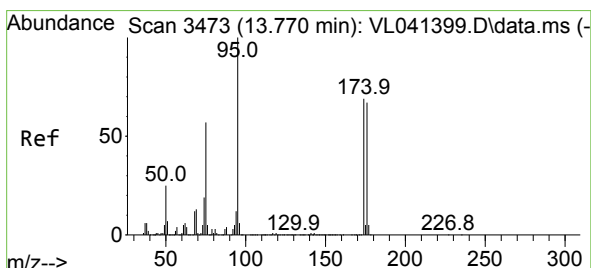
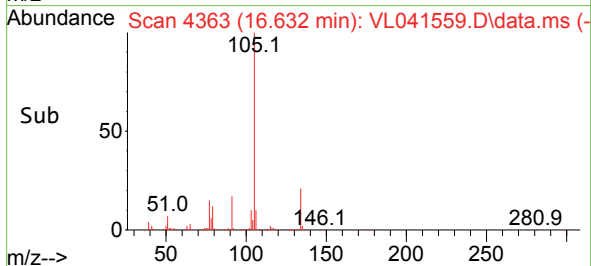
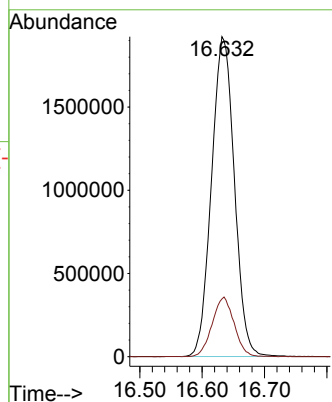
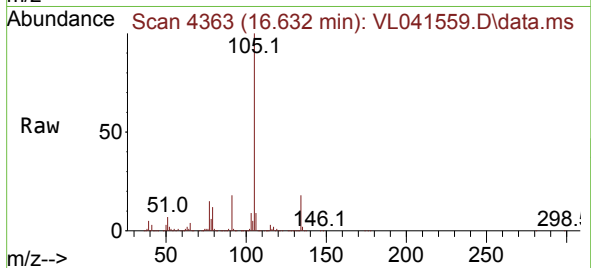




#67
 sec-Butylbenzene
 Concen: 8.313 ppbv
 RT: 16.632 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL041559.D
 Acq: 21 Aug 2024 9:09

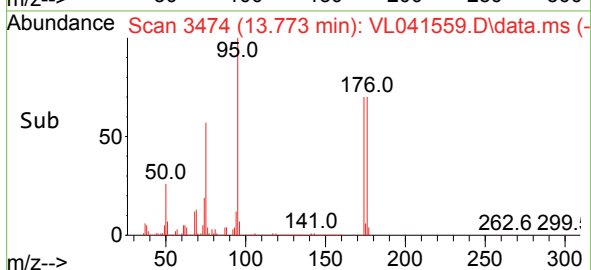
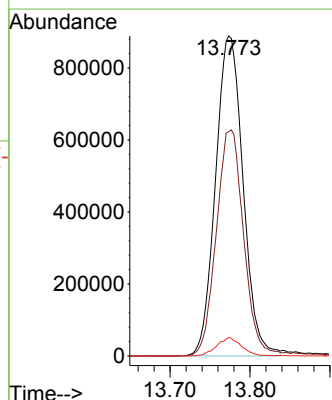
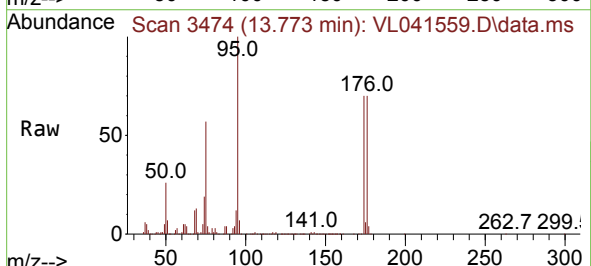
Instrument :
 MSVOA_L
 ClientSampleId :

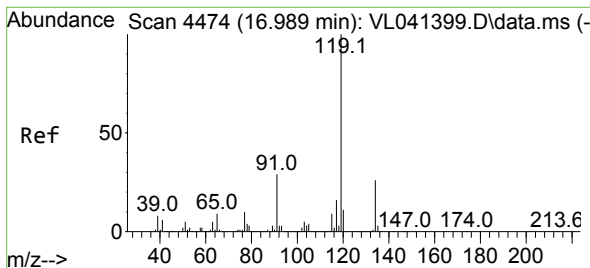
Tgt Ion:105 Resp: 4886350
 Ion Ratio Lower Upper
 105 100
 134 18.0 14.5 21.7



#68
 1-Bromo-4-Fluorobenzene
 Concen: 8.356 ppbv
 RT: 13.773 min Scan# 3474
 Delta R.T. 0.000 min
 Lab File: VL041559.D
 Acq: 21 Aug 2024 9:09

Tgt Ion: 95 Resp: 2122686
 Ion Ratio Lower Upper
 95 100
 174 71.3 56.3 84.5
 175 5.3 4.0 6.0





#69

p-Isopropyltoluene

Concen: 8.509 ppbv

RT: 16.992 min Scan# 44

Delta R.T. 0.000 min

Lab File: VL041559.D

Acq: 21 Aug 2024 9:09

Instrument :

MSVOA_L

ClientSampleId :

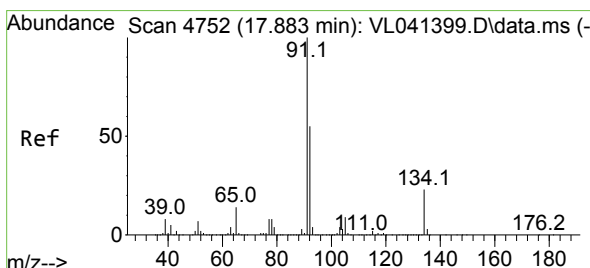
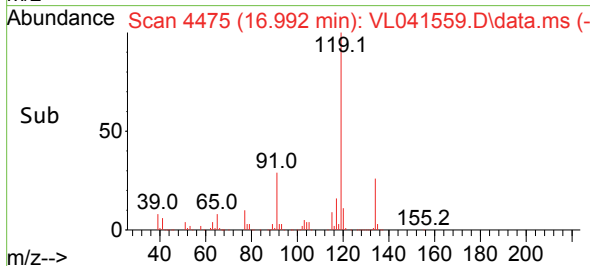
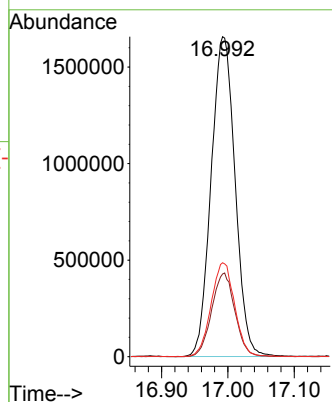
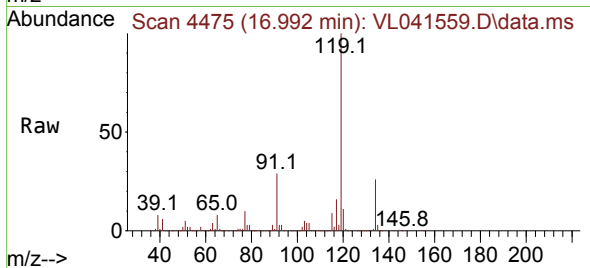
Tgt Ion:119 Resp: 4150531

Ion Ratio Lower Upper

119 100

134 25.5 20.5 30.7

91 28.9 23.2 34.8



#70

n-Butylbenzene

Concen: 8.807 ppbv

RT: 17.886 min Scan# 4753

Delta R.T. 0.000 min

Lab File: VL041559.D

Acq: 21 Aug 2024 9:09

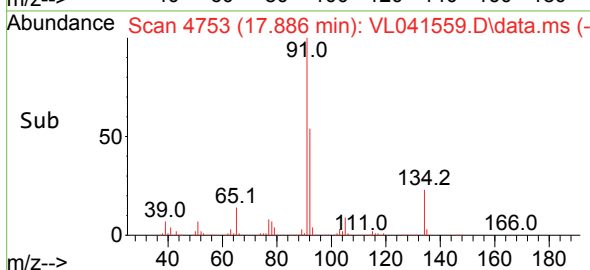
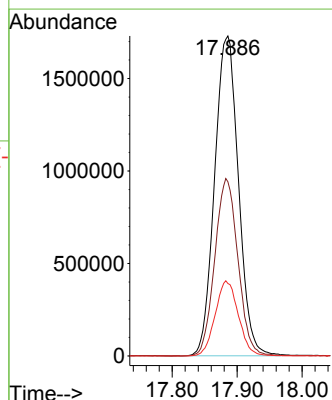
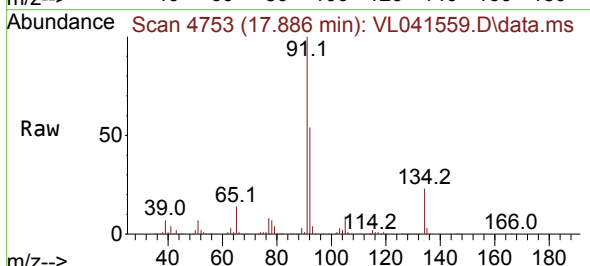
Tgt Ion: 91 Resp: 4404013

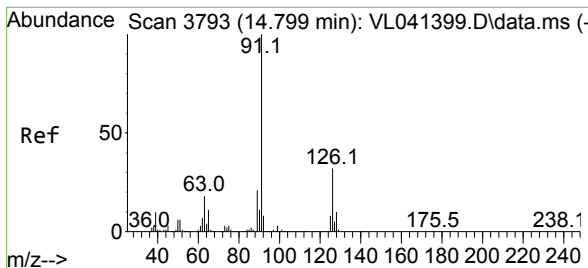
Ion Ratio Lower Upper

91 100

92 54.0 43.2 64.8

134 22.9 18.5 27.7

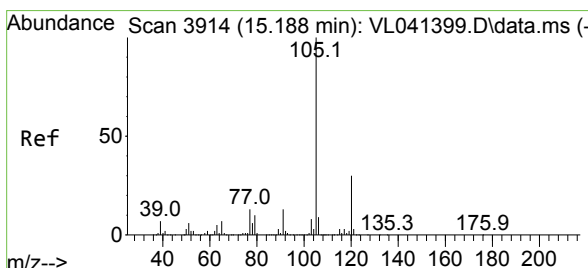
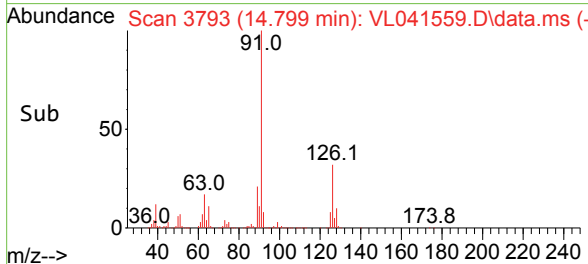
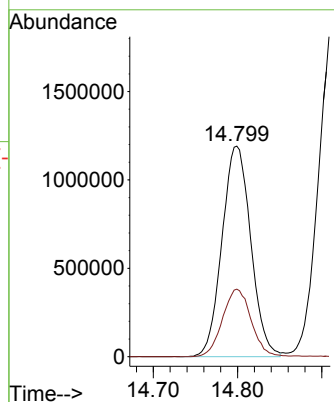
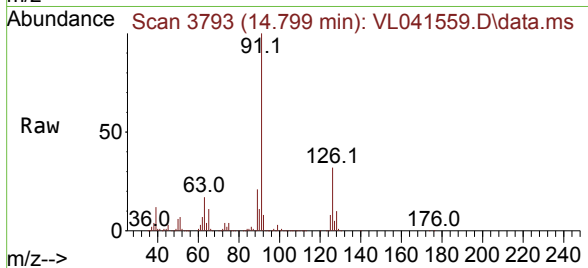




#71
2-Chlorotoluene
Concen: 8.111 ppbv
RT: 14.799 min Scan# 3793
Delta R.T. 0.000 min
Lab File: VL041559.D
Acq: 21 Aug 2024 9:09

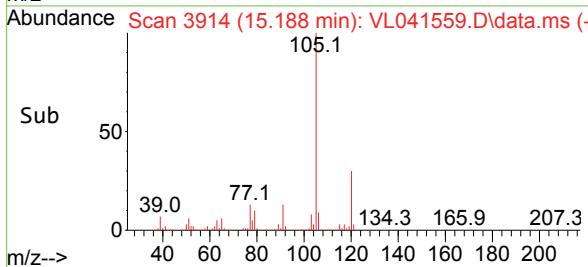
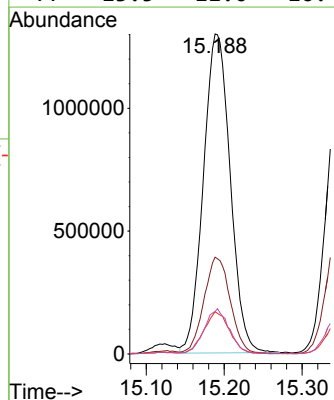
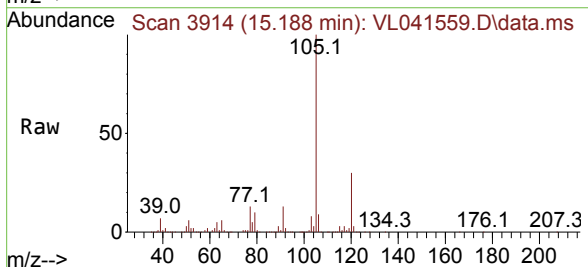
Instrument :
MSVOA_L
ClientSampleId :

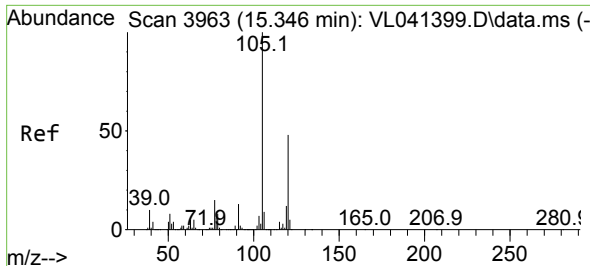
Tgt Ion: 91 Resp: 2825229
Ion Ratio Lower Upper
91 100
126 32.5 12.7 50.9



#72
4-Ethyltoluene
Concen: 8.482 ppbv
RT: 15.188 min Scan# 3914
Delta R.T. 0.000 min
Lab File: VL041559.D
Acq: 21 Aug 2024 9:09

Tgt Ion:105 Resp: 3102925
Ion Ratio Lower Upper
105 100
120 30.9 24.2 36.2
91 12.6 10.4 15.6
77 13.5 11.0 16.4

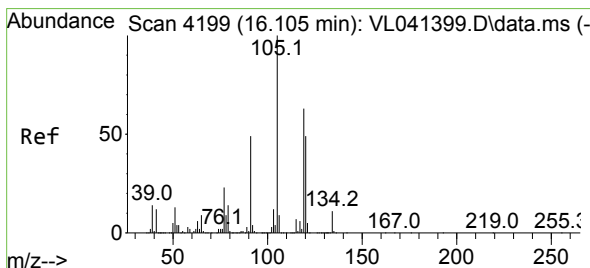
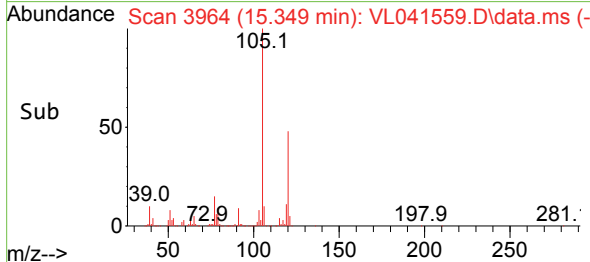
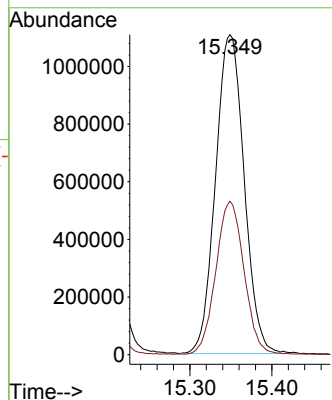
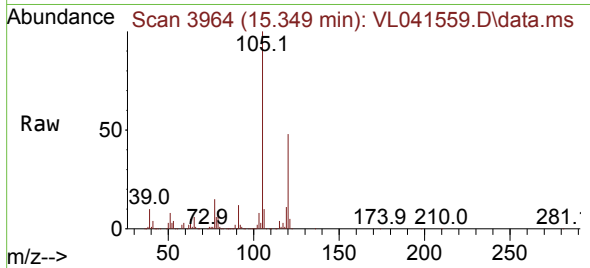




#73
 1,3,5-Trimethylbenzene
 Concen: 8.524 ppbv
 RT: 15.349 min Scan# 3964
 Delta R.T. 0.000 min
 Lab File: VL041559.D
 Acq: 21 Aug 2024 9:09

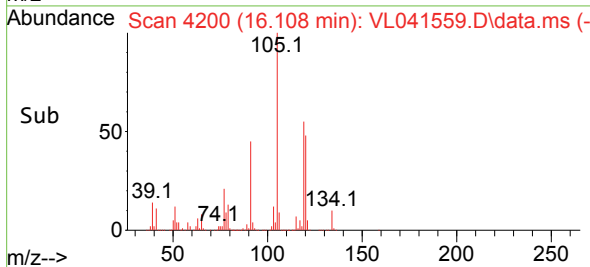
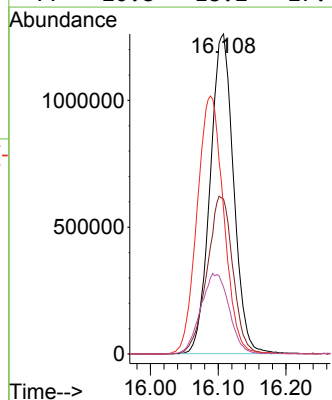
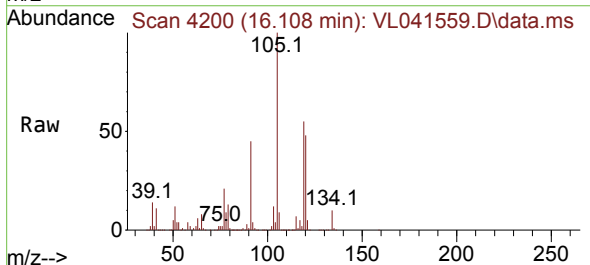
Instrument :
 MSVOA_L
 ClientSampleId :

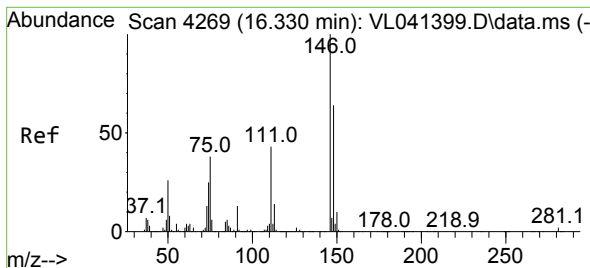
Tgt Ion:105 Resp: 2686160
 Ion Ratio Lower Upper
 105 100
 120 47.8 38.6 57.8



#74
 1,2,4-Trimethylbenzene
 Concen: 8.266 ppbv
 RT: 16.108 min Scan# 4200
 Delta R.T. 0.000 min
 Lab File: VL041559.D
 Acq: 21 Aug 2024 9:09

Tgt Ion:105 Resp: 3028651
 Ion Ratio Lower Upper
 105 100
 120 48.2 39.5 59.3
 91 45.1 39.8 59.8
 77 20.8 18.2 27.4





#75

1,3-Dichlorobenzene

Concen: 8.384 ppbv

RT: 16.326 min Scan# 4268

Delta R.T. 0.000 min

Lab File: VL041559.D

Acq: 21 Aug 2024 9:09

Instrument :

MSVOA_L

ClientSampleId :

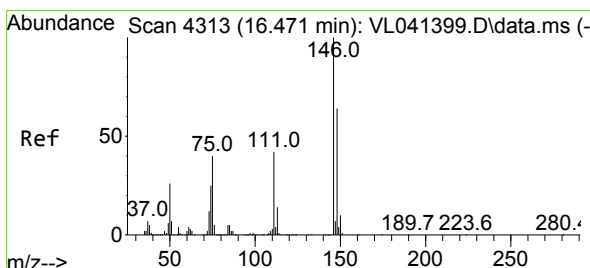
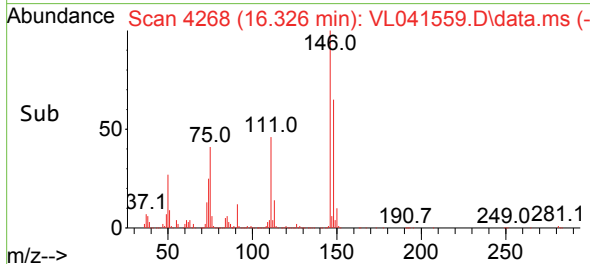
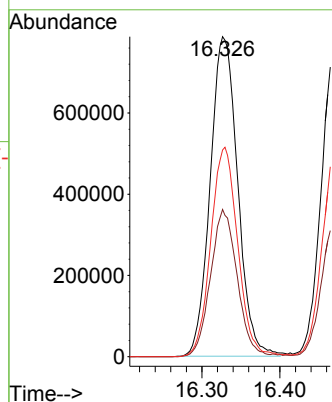
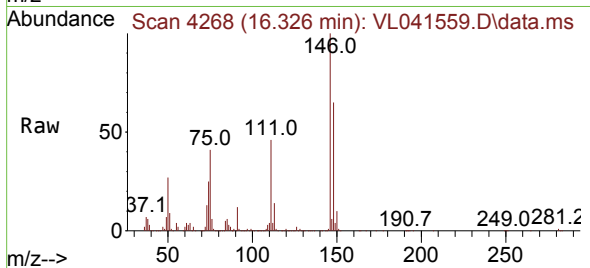
Tgt Ion:146 Resp: 1930990

Ion Ratio Lower Upper

146 100

111 45.0 22.6 67.8

148 64.7 32.3 96.8



#76

1,4-Dichlorobenzene

Concen: 8.414 ppbv

RT: 16.471 min Scan# 4313

Delta R.T. 0.000 min

Lab File: VL041559.D

Acq: 21 Aug 2024 9:09

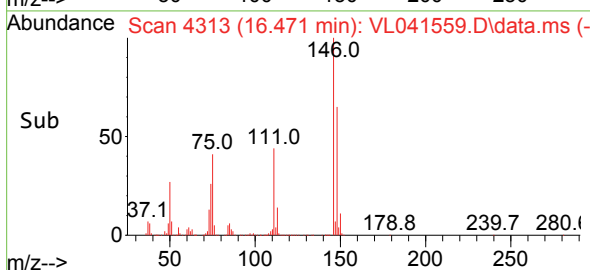
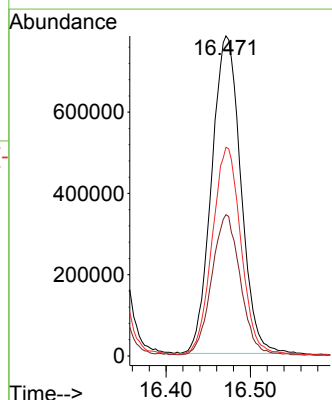
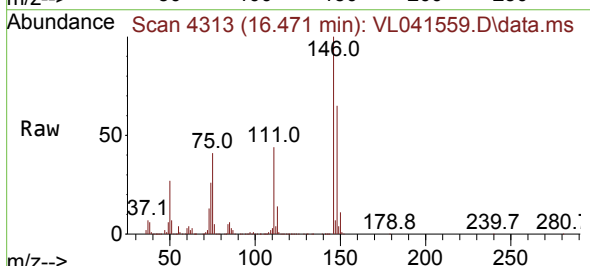
Tgt Ion:146 Resp: 1876362

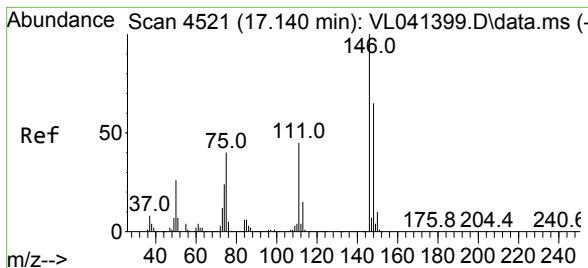
Ion Ratio Lower Upper

146 100

111 44.6 22.4 67.0

148 65.9 33.1 99.5





#77

1,2-Dichlorobenzene

Concen: 8.560 ppbv

RT: 17.137 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL041559.D

Acq: 21 Aug 2024 9:09

Instrument :

MSVOA_L

ClientSampleId :

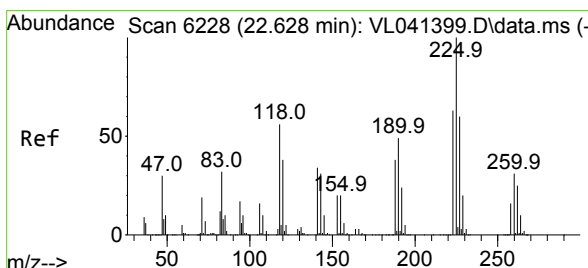
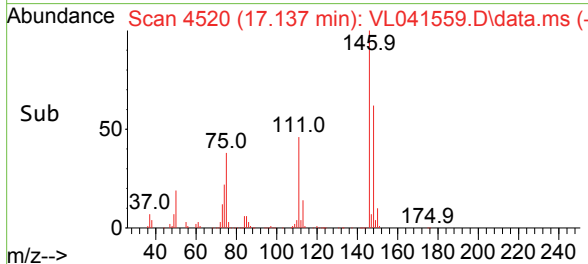
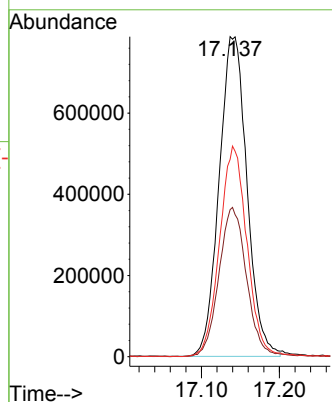
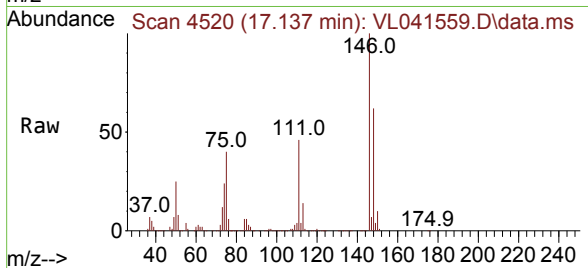
Tgt Ion:146 Resp: 1954438

Ion Ratio Lower Upper

146 100

111 46.7 23.4 70.0

148 64.9 32.2 96.6



#78

Hexachloro-1,3-Butadiene

Concen: 8.127 ppbv

RT: 22.632 min Scan# 6229

Delta R.T. 0.000 min

Lab File: VL041559.D

Acq: 21 Aug 2024 9:09

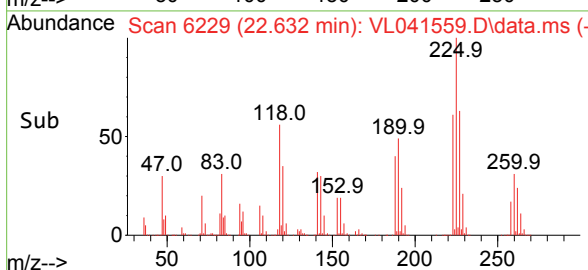
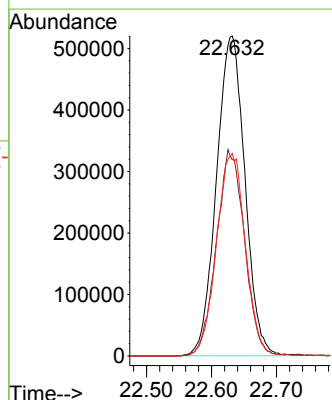
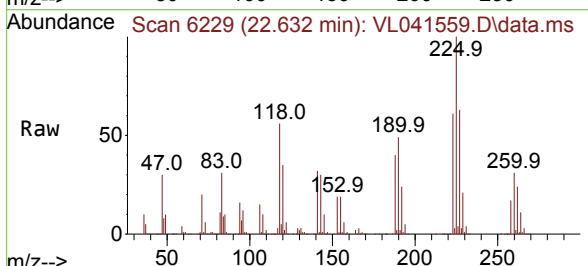
Tgt Ion:225 Resp: 1582340

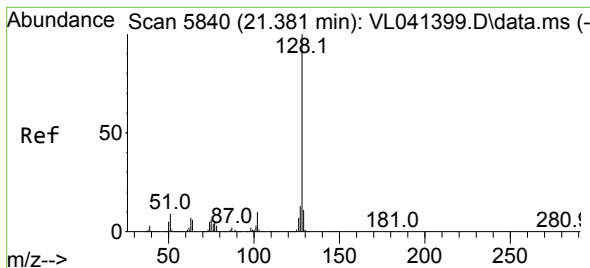
Ion Ratio Lower Upper

225 100

223 63.9 50.6 76.0

227 64.3 50.8 76.2





#79

Naphthalene

Concen: 10.740 ppbv

RT: 21.384 min Scan# 5840

Delta R.T. 0.000 min

Lab File: VL041559.D

Acq: 21 Aug 2024 9:09

Instrument :

MSVOA_L

ClientSampleId :

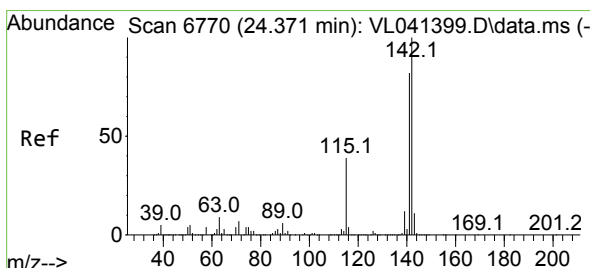
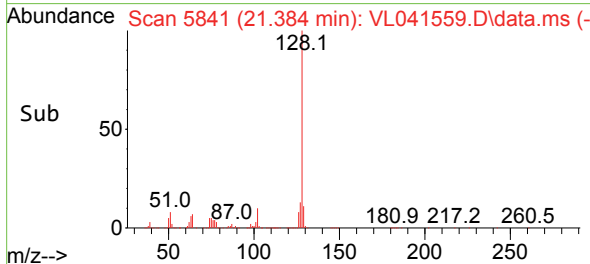
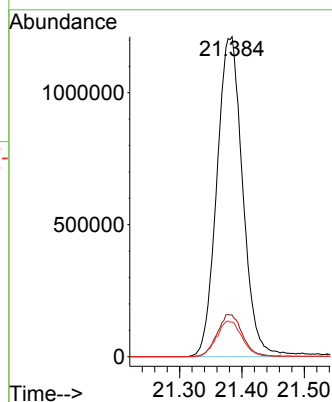
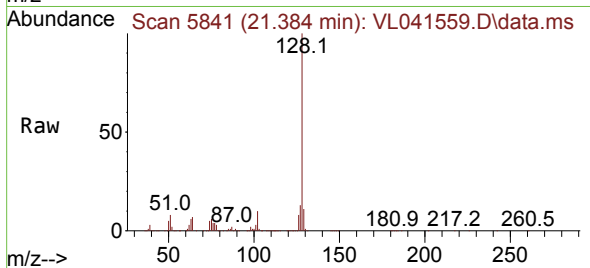
Tgt Ion:128 Resp: 3472988

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 10.9 9.0 13.4



#80

Naphthalene,2-methyl-

Concen: 5.698 ppbv

RT: 24.371 min Scan# 6770

Delta R.T. 0.000 min

Lab File: VL041559.D

Acq: 21 Aug 2024 9:09

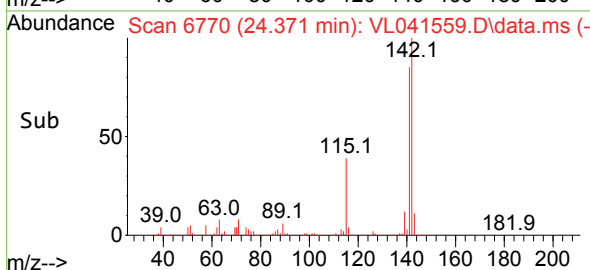
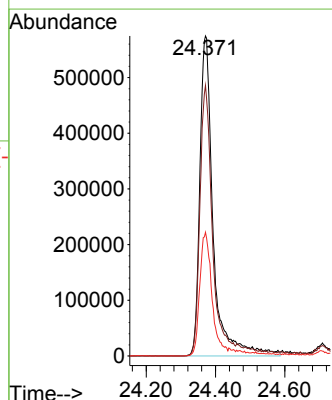
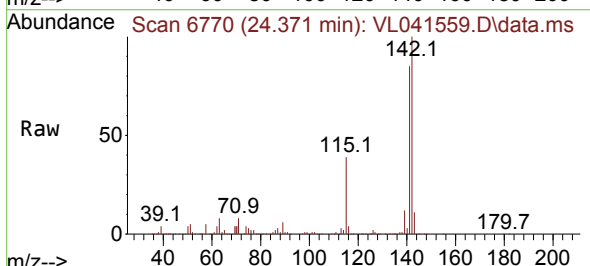
Tgt Ion:142 Resp: 1544585

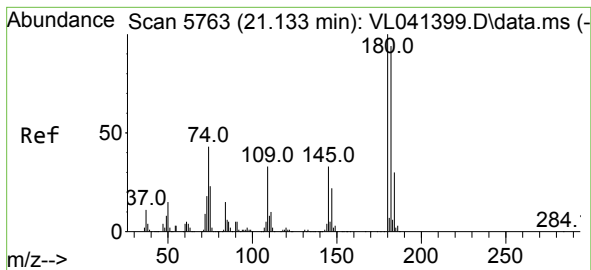
Ion Ratio Lower Upper

142 100

141 83.6 67.0 100.4

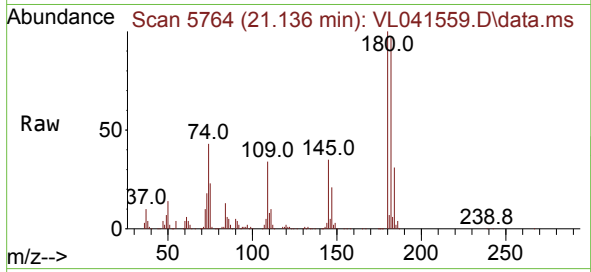
115 39.1 32.2 48.2





#81
 1,2,4-Trichlorobenzene
 Concen: 9.401 ppbv
 RT: 21.136 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VL041559.D
 Acq: 21 Aug 2024 9:09

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion:180 Resp: 1809109

Ion	Ratio	Lower	Upper
180	100		
182	95.7	76.7	115.1
184	30.7	24.5	36.7

