

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060424\
 Data File : VL041298.D
 Acq On : 4 Jun 2024 9:11
 Operator : SY/MD
 Sample : VSTDICCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Quant Time: Jun 05 04:09:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060424AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri May 24 23:11:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.205	49	1023215	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.658	114	2669645	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.462	117	3155989	10.000	ppbv	#-0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.770	95	1978642	8.305	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	83.000%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.758	85	1473180	10.644	ppbv	98
3) Chlorodifluoromethane	2.703	51	1456695	9.374	ppbv	98
4) Chloromethane	2.838	50	554948	9.101	ppbv	94
5) Vinyl Chloride	2.944	62	570339	9.310	ppbv	98
6) Bromomethane	3.144	94	196997	8.814	ppbv	89
7) Chloroethane	3.218	64	198033	9.156	ppbv	94
8) Dichlorotetrafluoroethane	2.883	85	1373725	9.589	ppbv	100
9) Propene	2.722	41	516622	8.495	ppbv	100
10) Heptane	7.581	43	1292998	8.775	ppbv	100
11) Trichlorofluoromethane	3.584	101	1382785	9.830	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.082	101	992255	9.539	ppbv	97
13) Ethanol	3.263	45	126601	9.286	ppbv	97
14) Bromoethene	3.388	108	413913	9.642	ppbv	97
15) Acetone	3.488	43	1039645	8.609	ppbv	98
16) 1,3-Butadiene	3.009	39	580608	9.525	ppbv	98
17) tert-Butyl alcohol	3.893	59	1072137	8.230	ppbv	98
18) 1,1-Dichloroethene	3.896	96	439214	9.470	ppbv	95
19) Isopropyl Alcohol	3.594	45	764874	9.653	ppbv #	44
20) Methylene Chloride	3.951	84	357513	8.514	ppbv	95
21) Allyl Chloride	4.012	41	706520	8.973	ppbv	97
22) trans-1,2-Dichloroethene	4.455	96	455220	9.438	ppbv	97
23) Vinyl Acetate	4.639	43	1227126	9.228	ppbv	99
24) 1,1-Dichloroethane	4.578	63	982654	9.504	ppbv	99
25) Ethyl Acetate	5.214	43	2140766	8.882	ppbv	99
26) Hexane	5.221	57	930822	8.654	ppbv	99
27) Carbon Disulfide	4.140	76	1158452	9.098	ppbv	97
28) Methyl tert-Butyl Ether	4.597	73	720670	8.414	ppbv	99
29) Chloroform	5.285	83	1465284	9.875	ppbv	97
30) Cyclohexane	6.610	84	785466	9.225	ppbv	99
31) cis-1,2-Dichloroethene	5.089	61	944077	9.375	ppbv	95
32) 1,1,1-Trichloroethane	6.012	97	1443296	9.748	ppbv	98
34) 2-Butanone	4.796	43	1247580	9.182	ppbv	100
35) Carbon Tetrachloride	6.500	117	1496089	9.986	ppbv	99
36) Benzene	6.378	78	1980600	8.841	ppbv	99
37) 1,2-Dichloroethane	5.816	62	1159815	9.922	ppbv	99
38) Trichloroethene	7.295	130	752906	9.018	ppbv	99
39) 1,2-Dichloropropane	7.079	63	766472	8.877	ppbv	97
40) 1,4-Dioxane	7.295	88	285688	9.262	ppbv	100
41) Tetrahydrofuran	5.565	42	814407	8.279	ppbv	98
42) Bromodichloromethane	7.256	83	1685711	10.055	ppbv	100
43) Methyl Methacrylate	7.478	69	810686	8.947	ppbv	99
44) 2,2,4-Trimethylpentane	7.333	57	3339096	8.644	ppbv	100
45) t-1,3-Dichloropropene	8.713	75	598199	9.110	ppbv	98

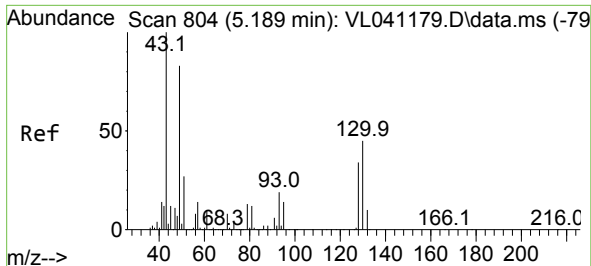
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060424\
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 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri May 24 23:11:50 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.143	75	709965	8.832	ppbv	99
47) 1,1,2-Trichloroethane	8.899	97	825142	9.548	ppbv	96
48) Dibromochloromethane	9.709	129	1404173	10.198	ppbv	100
49) Bromoform	12.404	173	1158551	9.891	ppbv	99
50) 4-Methyl-2-Pentanone	8.179	43	2102376	8.622	ppbv	100
51) 2-Hexanone	9.549	43	1551244	8.576	ppbv #	98
52) Tetrachloroethene	10.613	164	707765	8.988	ppbv	97
53) Toluene	9.221	91	2322300	8.940	ppbv	98
54) 1,2-Dibromoethane	10.008	107	1126770	9.626	ppbv	100
56) 1,1,1,2-Tetrachloroethane	11.507	131	1026568	8.022	ppbv	99
57) Chlorobenzene	11.526	112	1746611	7.557	ppbv	96
58) Ethyl Benzene	12.082	91	3126554	7.225	ppbv	97
59) m/p-Xylene	12.365	91	2663093	7.322	ppbv #	32
60) o-Xylene	13.053	91	2493688	7.314	ppbv	99
61) Styrene	12.892	104	1348748	7.489	ppbv	99
62) Isopropylbenzene	14.021	105	3738569	7.331	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.044	83	1786757	7.689	ppbv	100
64) n-propylbenzene	14.908	120	995001	7.821	ppbv	95
65) tert-Butylbenzene	16.082	119	3310807	7.249	ppbv	99
66) Benzyl Chloride	16.323	91	257447	4.979	ppbv	99
67) sec-Butylbenzene	16.629	105	4696700	7.305	ppbv	99
69) p-Isopropyltoluene	16.989	119	3901704	7.364	ppbv	100
70) n-Butylbenzene	17.876	91	4087151	7.386	ppbv	99
71) 2-Chlorotoluene	14.796	91	2905543	7.483	ppbv	99
72) 4-Ethyltoluene	15.188	105	3019826	7.820	ppbv	98
73) 1,3,5-Trimethylbenzene	15.342	105	2612307	7.477	ppbv	98
74) 1,2,4-Trimethylbenzene	16.105	105	2859255	7.493	ppbv	92
75) 1,3-Dichlorobenzene	16.323	146	1722261	7.871	ppbv	99
76) 1,4-Dichlorobenzene	16.465	146	1671398	7.943	ppbv	99
77) 1,2-Dichlorobenzene	17.137	146	1666911	7.621	ppbv	99
78) Hexachloro-1,3-Butadiene	22.625	225	1207700	6.212	ppbv	99
79) Naphthalene	21.371	128	3074007	8.459	ppbv	99
80) Naphthalene,2-methyl-	24.365	142	1054655	7.215	ppbv	99
81) 1,2,4-Trichlorobenzene	21.130	180	845261	4.405	ppbv #	33

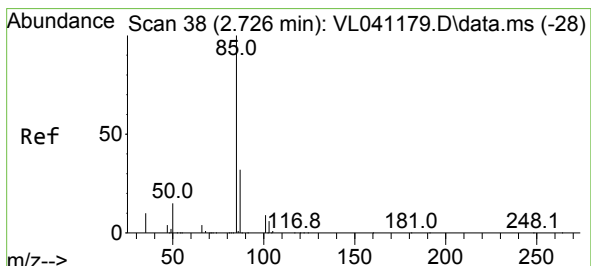
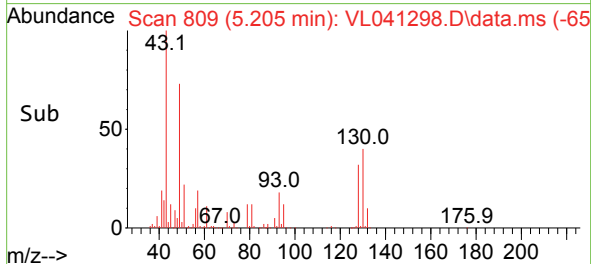
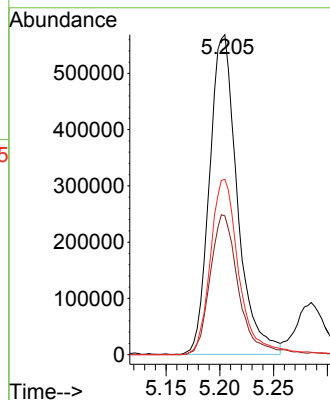
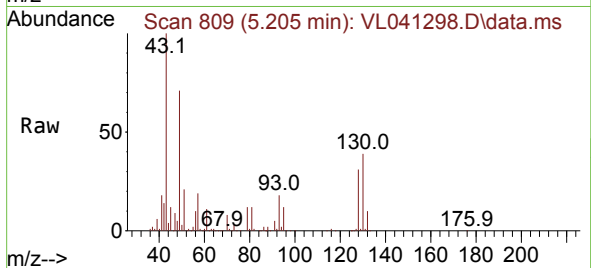
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.205 min Scan# 80
Delta R.T. -0.000 min
Lab File: VL041298.D
Acq: 4 Jun 2024 9:11

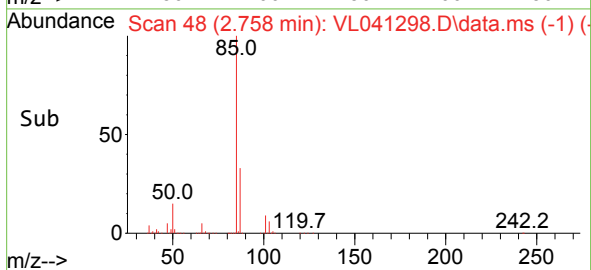
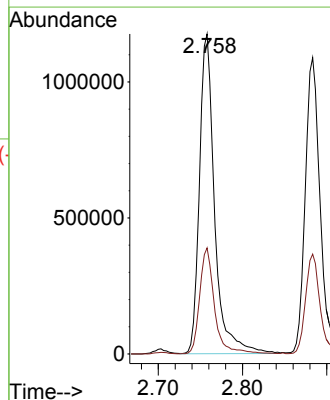
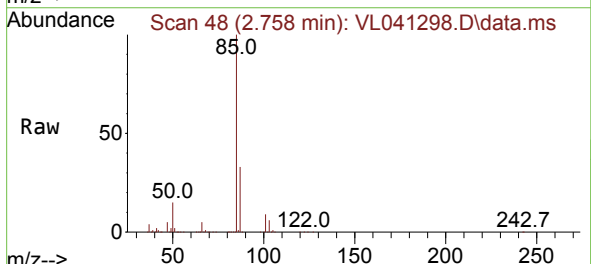
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

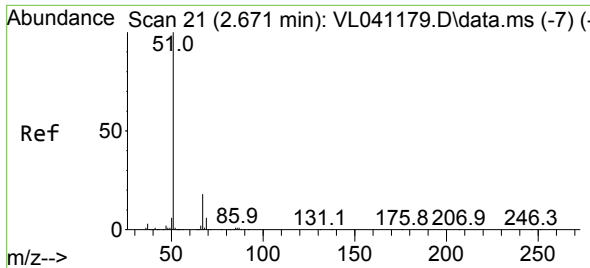
Tgt Ion: 49 Resp: 1023215
Ion Ratio Lower Upper
49 100
128 45.5 21.5 64.5
130 56.9 27.2 81.6



#2
Dichlorodifluoromethane
Concen: 10.644 ppbv
RT: 2.758 min Scan# 48
Delta R.T. 0.013 min
Lab File: VL041298.D
Acq: 4 Jun 2024 9:11

Tgt Ion: 85 Resp: 1473180
Ion Ratio Lower Upper
85 100
87 33.1 25.7 38.5

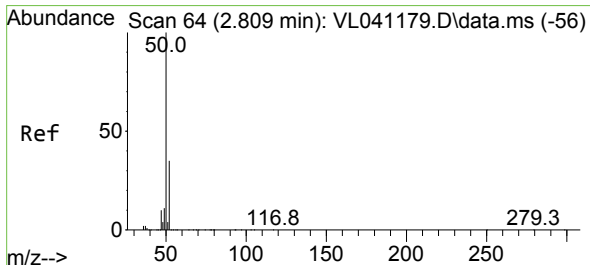
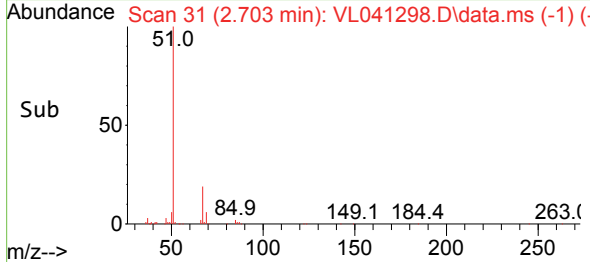
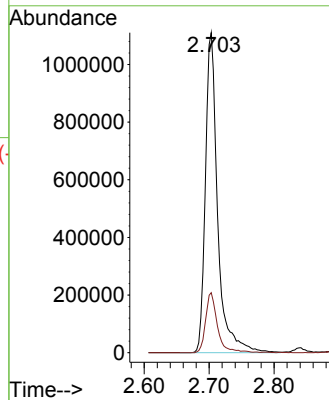
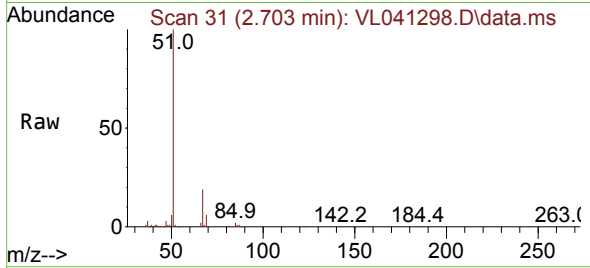




#3
Chlorodifluoromethane
Concen: 9.374 ppbv
RT: 2.703 min Scan# 31
Delta R.T. 0.013 min
Lab File: VL041298.D
Acq: 4 Jun 2024 9:11

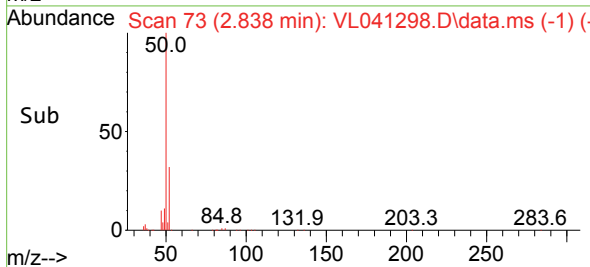
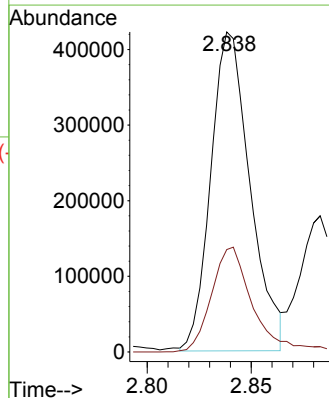
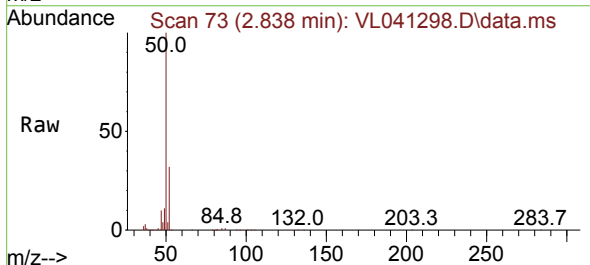
Instrument :
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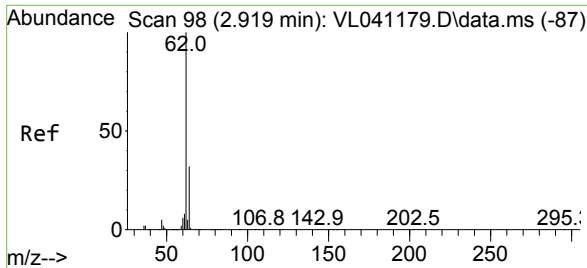
Tgt Ion: 51 Resp: 1456695
Ion Ratio Lower Upper
51 100
67 18.4 14.0 21.0



#4
Chloromethane
Concen: 9.101 ppbv
RT: 2.838 min Scan# 73
Delta R.T. 0.010 min
Lab File: VL041298.D
Acq: 4 Jun 2024 9:11

Tgt Ion: 50 Resp: 554948
Ion Ratio Lower Upper
50 100
52 32.0 28.3 42.5

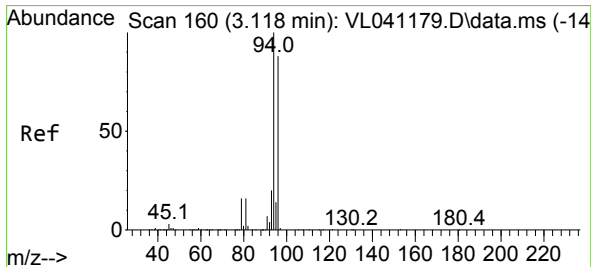
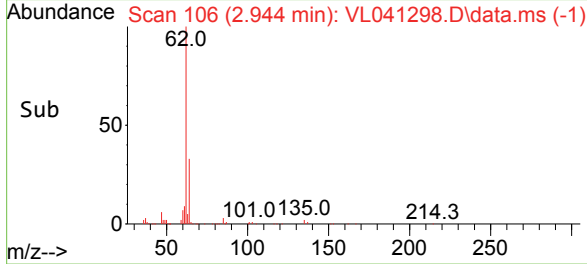
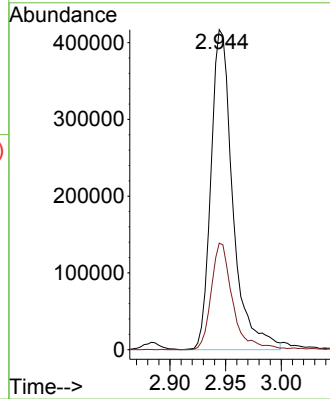
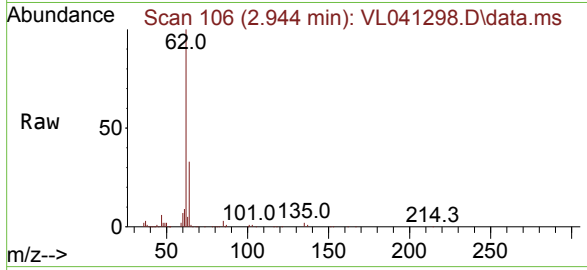




#5
 Vinyl Chloride
 Concen: 9.310 ppbv
 RT: 2.944 min Scan# 106
 Delta R.T. 0.010 min
 Lab File: VL041298.D
 Acq: 4 Jun 2024 9:11

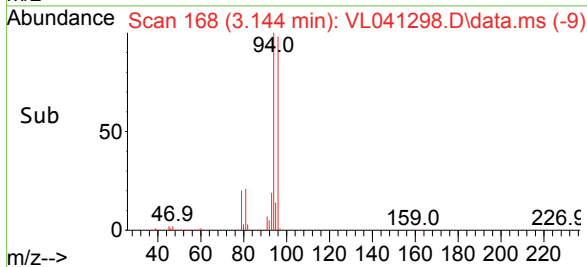
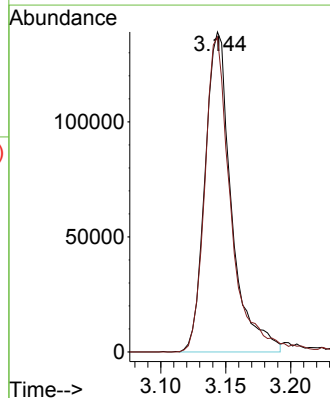
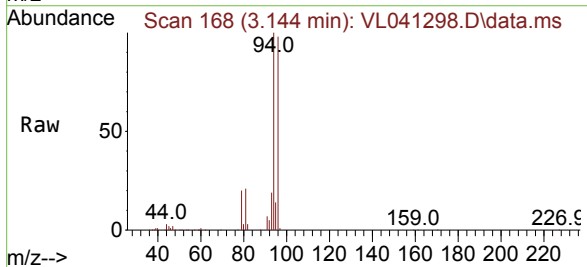
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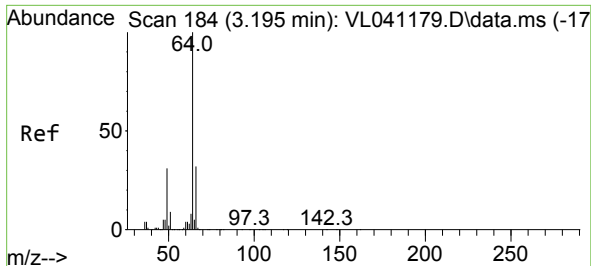
Tgt Ion: 62 Resp: 570339
 Ion Ratio Lower Upper
 62 100
 64 33.3 25.7 38.5



#6
 Bromomethane
 Concen: 8.814 ppbv
 RT: 3.144 min Scan# 168
 Delta R.T. 0.010 min
 Lab File: VL041298.D
 Acq: 4 Jun 2024 9:11

Tgt Ion: 94 Resp: 196997
 Ion Ratio Lower Upper
 94 100
 96 98.2 70.1 105.1

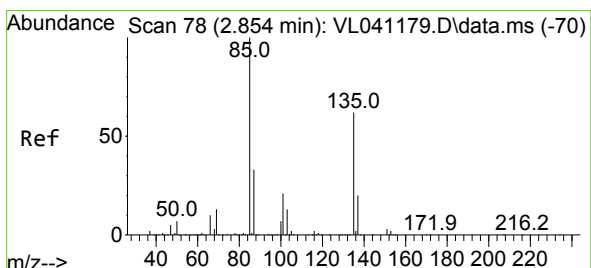
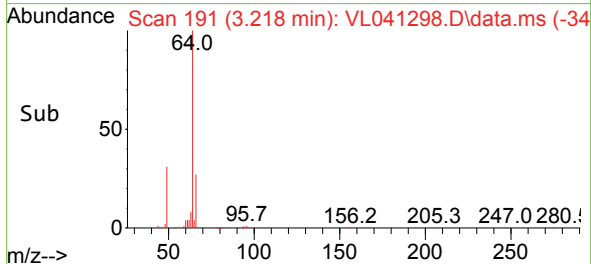
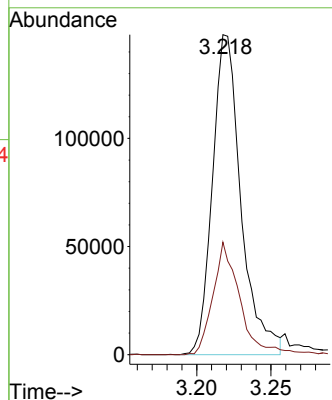
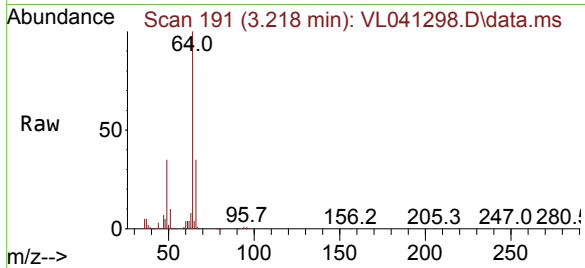




#7
Chloroethane
Concen: 9.156 ppbv
RT: 3.218 min Scan# 191
Delta R.T. 0.003 min
Lab File: VL041298.D
Acq: 4 Jun 2024 9:11

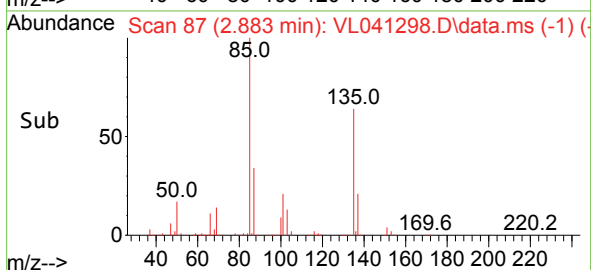
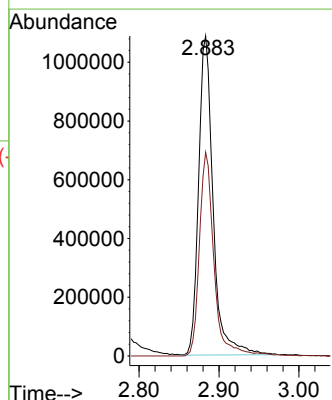
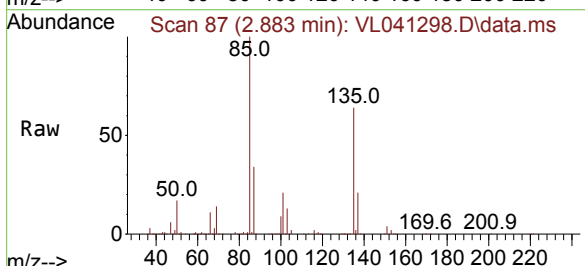
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VSTDICCC010

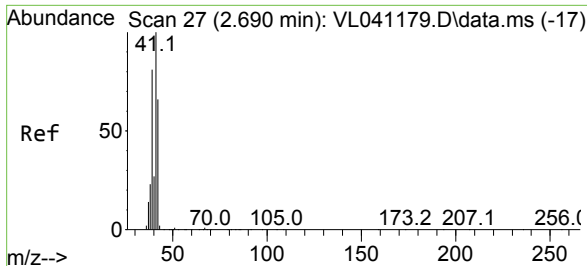
Tgt Ion: 64 Resp: 198033
Ion Ratio Lower Upper
64 100
66 35.1 25.4 38.2



#8
Dichlorotetrafluoroethane
Concen: 9.589 ppbv
RT: 2.883 min Scan# 87
Delta R.T. 0.010 min
Lab File: VL041298.D
Acq: 4 Jun 2024 9:11

Tgt Ion: 85 Resp: 1373725
Ion Ratio Lower Upper
85 100
135 64.6 51.5 77.3





#9

Propene

Concen: 8.495 ppbv

RT: 2.722 min Scan# 31

Delta R.T. 0.013 min

Lab File: VL041298.D

Acq: 4 Jun 2024 9:11

Instrument :

MSVOA_L

ClientSampleId :

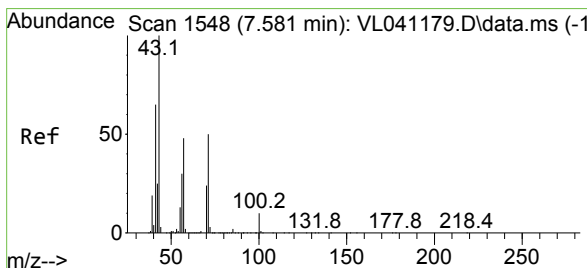
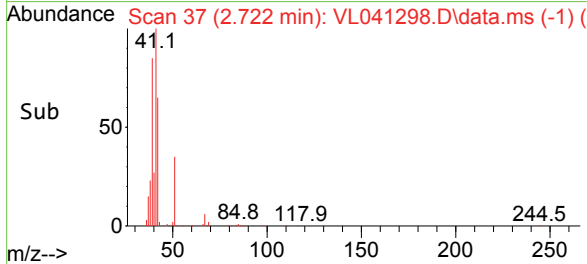
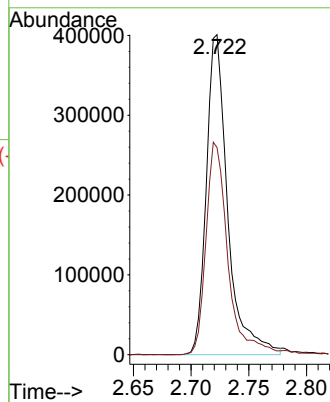
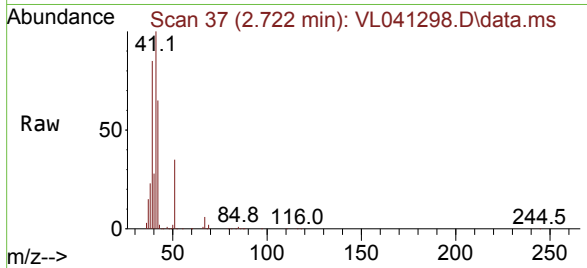
VSTDICCC010

Tgt Ion: 41 Resp: 516622

Ion Ratio Lower Upper

41 100

42 69.0 55.3 82.9



#10

Heptane

Concen: 8.775 ppbv

RT: 7.581 min Scan# 1548

Delta R.T. -0.016 min

Lab File: VL041298.D

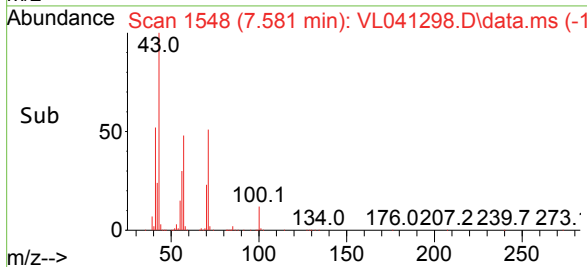
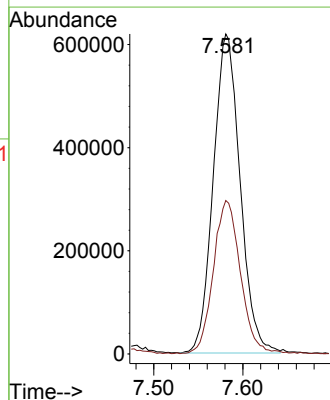
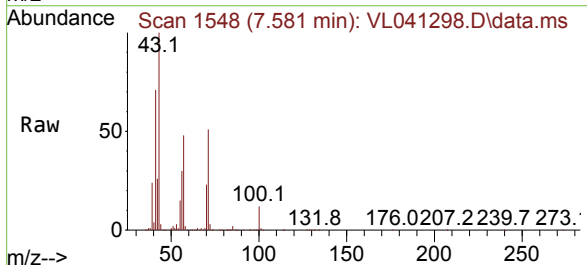
Acq: 4 Jun 2024 9:11

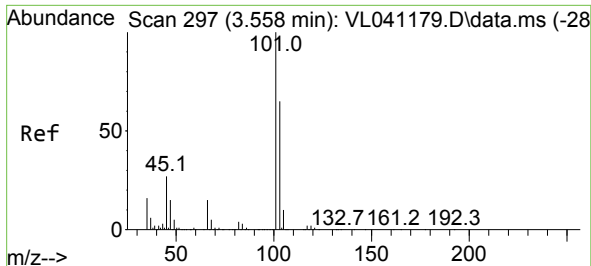
Tgt Ion: 43 Resp: 1292998

Ion Ratio Lower Upper

43 100

57 48.7 38.7 58.1

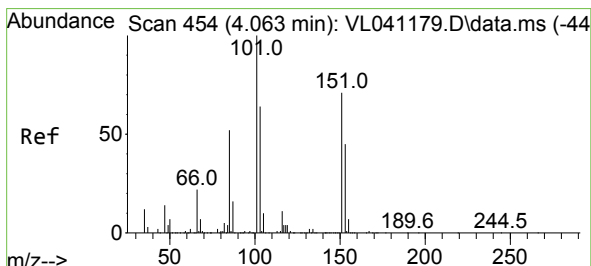
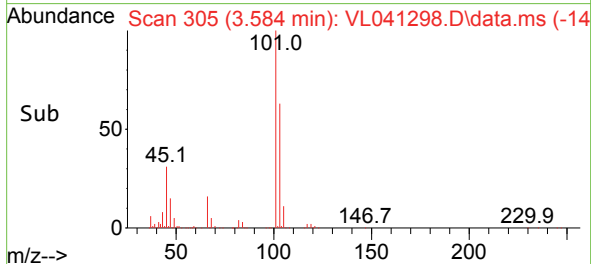
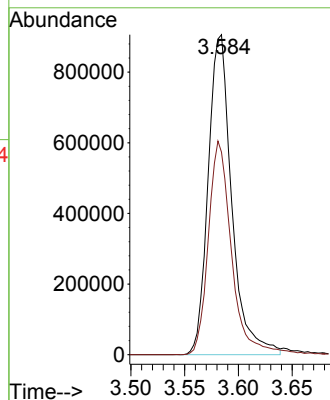
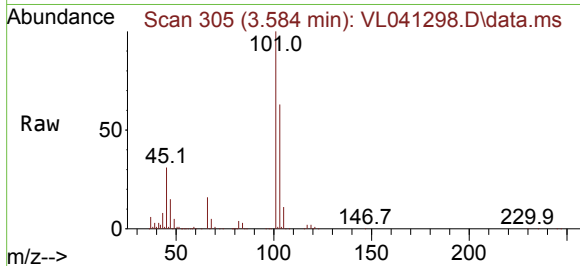




#11
Trichlorofluoromethane
Concen: 9.830 ppbv
RT: 3.584 min Scan# 305
Delta R.T. 0.006 min
Lab File: VL041298.D
Acq: 4 Jun 2024 9:11

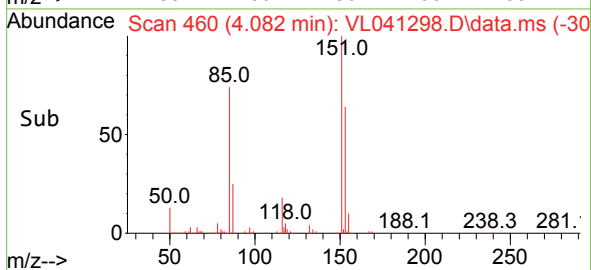
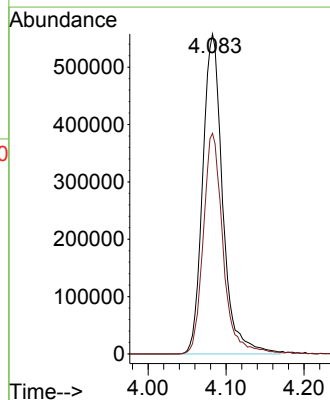
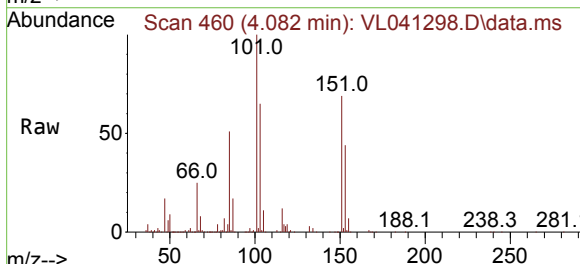
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

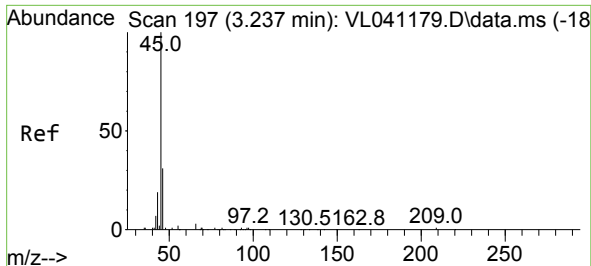
Tgt Ion:101 Resp: 1382785
Ion Ratio Lower Upper
101 100
103 63.3 51.6 77.4



#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.539 ppbv
RT: 4.082 min Scan# 460
Delta R.T. 0.003 min
Lab File: VL041298.D
Acq: 4 Jun 2024 9:11

Tgt Ion:101 Resp: 992255
Ion Ratio Lower Upper
101 100
151 68.5 56.8 85.2

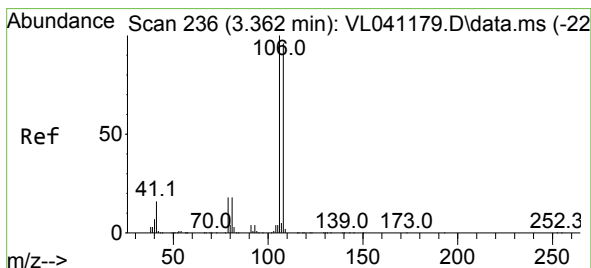
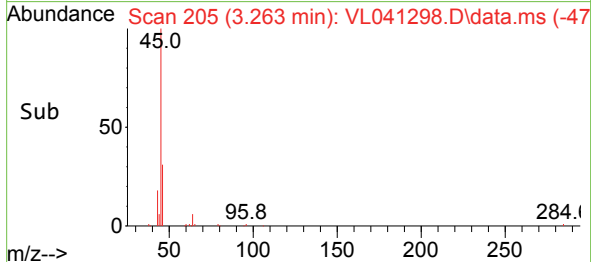
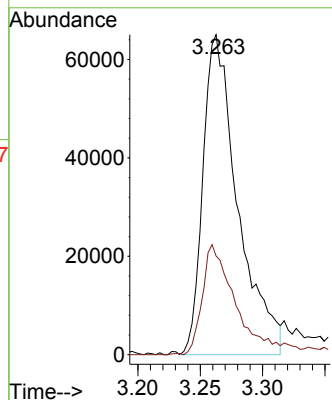
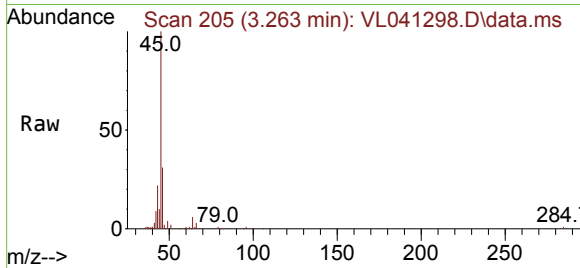




#13
Ethanol
Concen: 9.286 ppbv
RT: 3.263 min Scan# 205
Delta R.T. 0.006 min
Lab File: VL041298.D
Acq: 4 Jun 2024 9:11

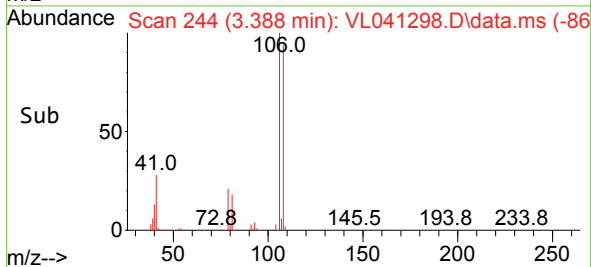
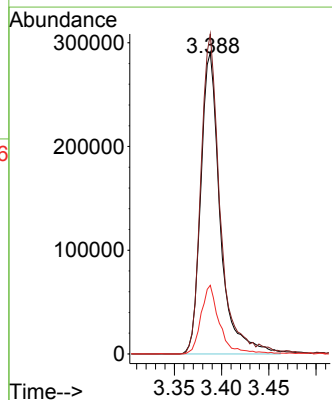
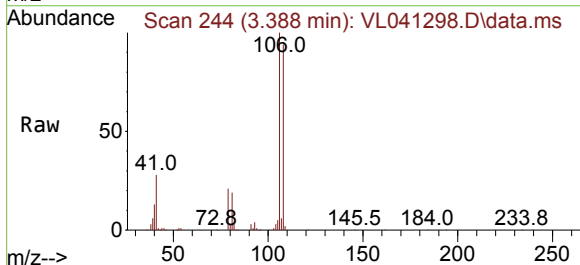
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

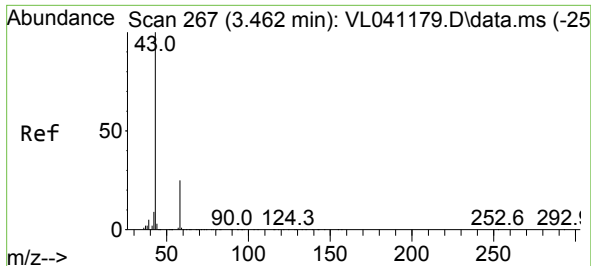
Tgt Ion: 45 Resp: 126601
Ion Ratio Lower Upper
45 100
46 35.4 14.8 59.0



#14
Bromoethene
Concen: 9.642 ppbv
RT: 3.388 min Scan# 244
Delta R.T. 0.006 min
Lab File: VL041298.D
Acq: 4 Jun 2024 9:11

Tgt Ion: 108 Resp: 413913
Ion Ratio Lower Upper
108 100
106 106.7 88.2 132.4
79 22.3 17.4 26.0

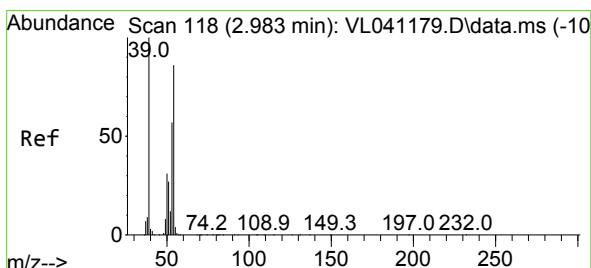
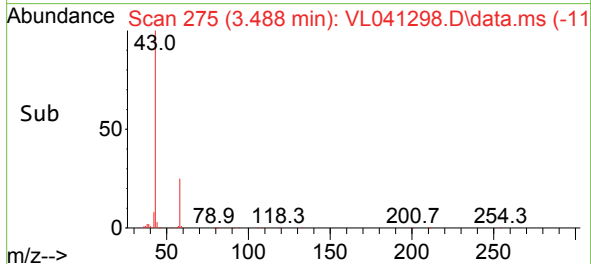
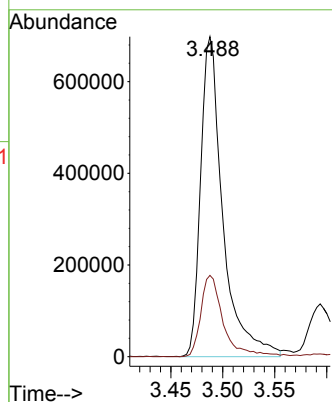
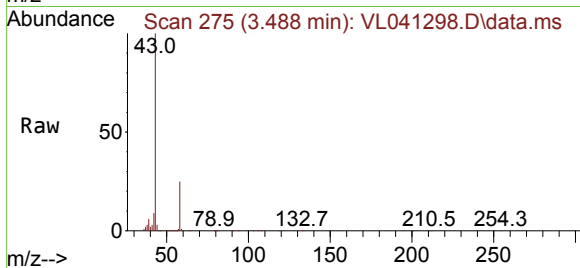




#15
Acetone
Concen: 8.609 ppbv
RT: 3.488 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL041298.D
Acq: 4 Jun 2024 9:11

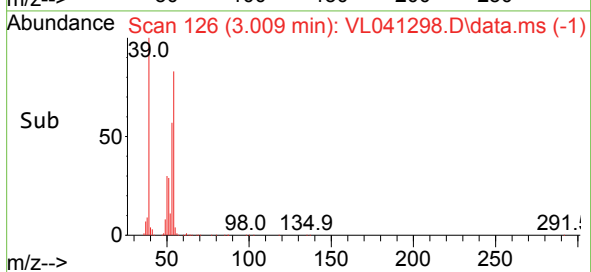
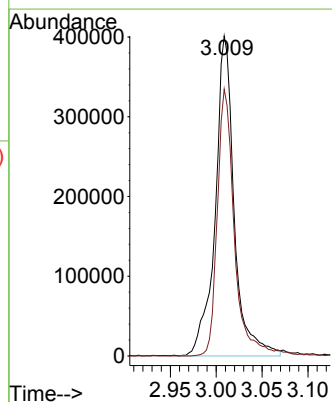
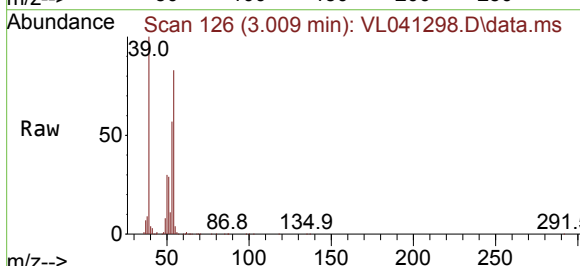
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

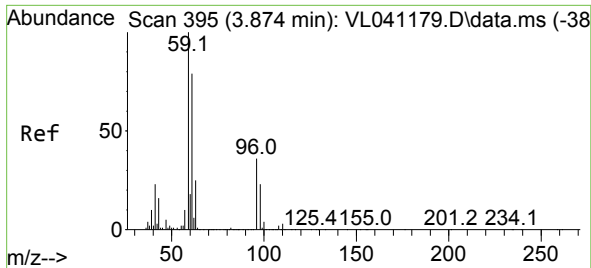
Tgt Ion: 43 Resp: 1039645
Ion Ratio Lower Upper
43 100
58 25.8 21.4 32.0



#16
1,3-Butadiene
Concen: 9.525 ppbv
RT: 3.009 min Scan# 126
Delta R.T. 0.010 min
Lab File: VL041298.D
Acq: 4 Jun 2024 9:11

Tgt Ion: 39 Resp: 580608
Ion Ratio Lower Upper
39 100
54 75.6 62.2 93.4

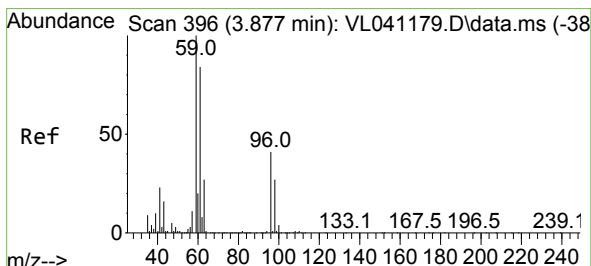
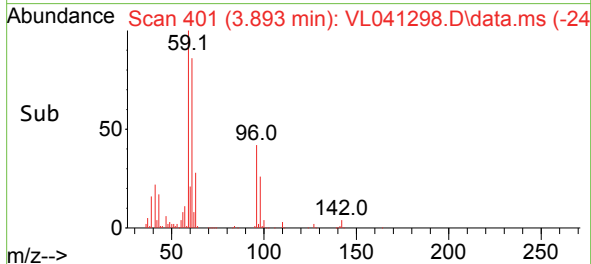
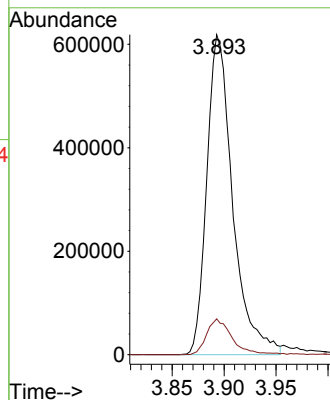
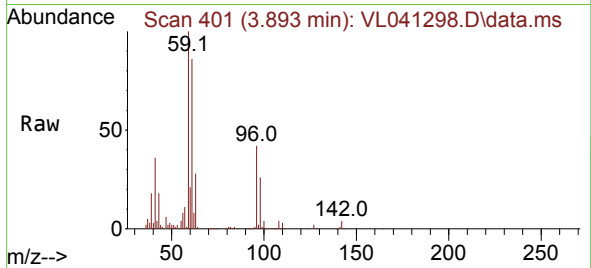




#17
tert-Butyl alcohol
Concen: 8.230 ppbv
RT: 3.893 min Scan# 401
Delta R.T. 0.003 min
Lab File: VL041298.D
Acq: 4 Jun 2024 9:11

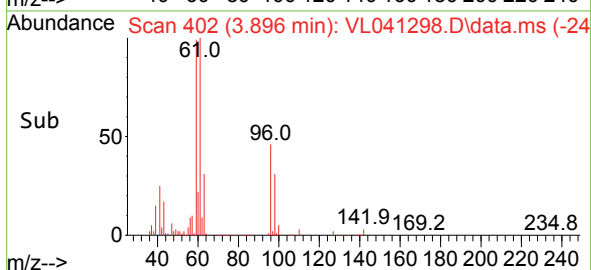
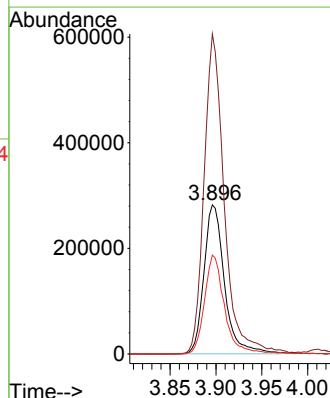
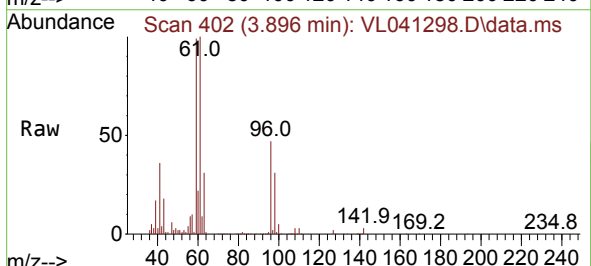
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

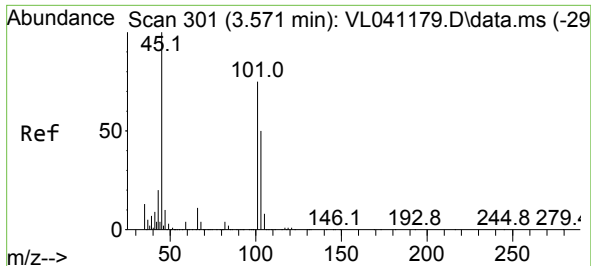
Tgt Ion: 59 Resp: 1072137
Ion Ratio Lower Upper
59 100
57 11.2 8.4 12.6



#18
1,1-Dichloroethene
Concen: 9.470 ppbv
RT: 3.896 min Scan# 402
Delta R.T. 0.000 min
Lab File: VL041298.D
Acq: 4 Jun 2024 9:11

Tgt Ion: 96 Resp: 439214
Ion Ratio Lower Upper
96 100
61 214.8 164.4 246.6
98 66.4 51.8 77.8

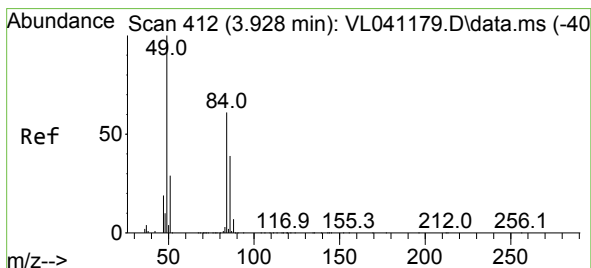
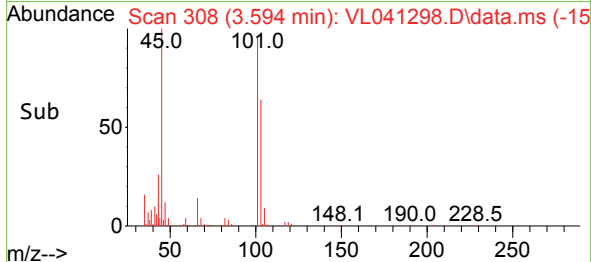
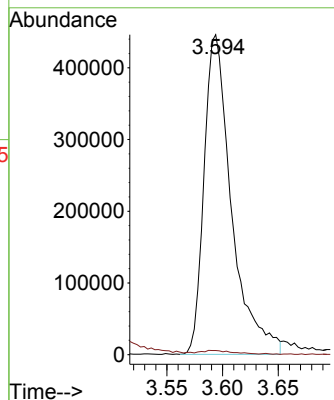
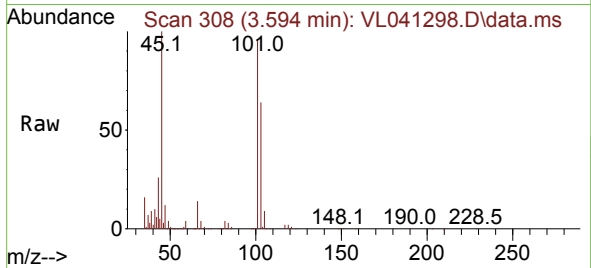




#19
Isopropyl Alcohol
Concen: 9.653 ppbv
RT: 3.594 min Scan# 301
Delta R.T. 0.003 min
Lab File: VL041298.D
Acq: 4 Jun 2024 9:11

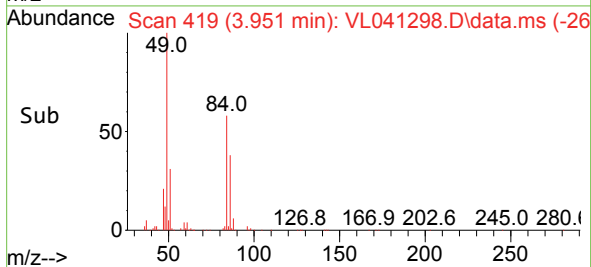
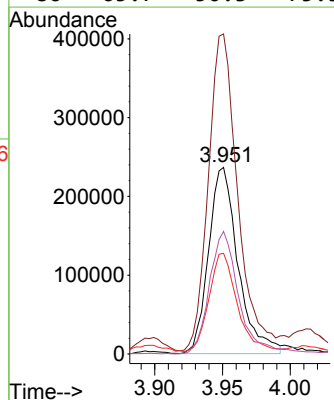
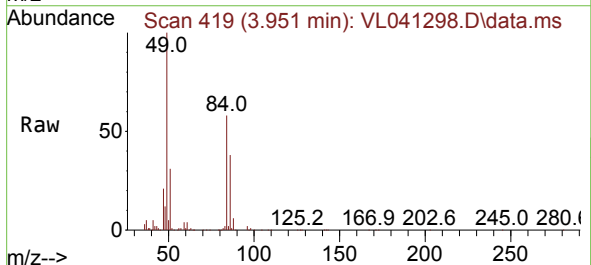
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

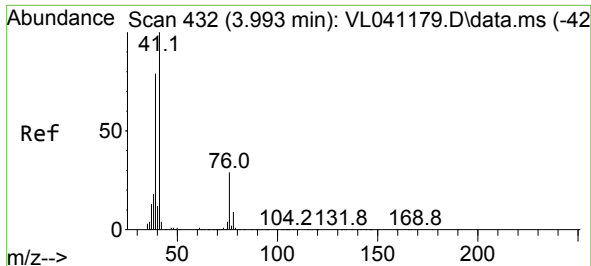
Tgt Ion: 45 Resp: 764874
Ion Ratio Lower Upper
45 100
58 1.8 26.8 40.2#



#20
Methylene Chloride
Concen: 8.514 ppbv
RT: 3.951 min Scan# 419
Delta R.T. 0.003 min
Lab File: VL041298.D
Acq: 4 Jun 2024 9:11

Tgt Ion: 84 Resp: 357513
Ion Ratio Lower Upper
84 100
49 170.2 130.4 195.6
51 52.4 38.0 57.0
86 65.7 50.3 75.5





#21

Allyl Chloride

Concen: 8.973 ppbv

RT: 4.012 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL041298.D

Acq: 4 Jun 2024 9:11

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

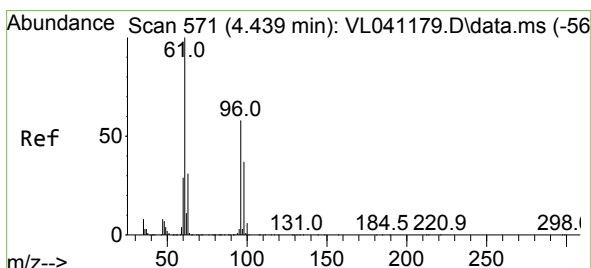
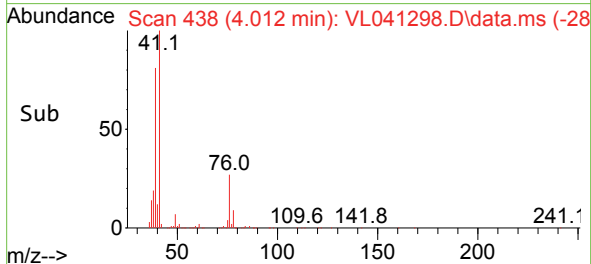
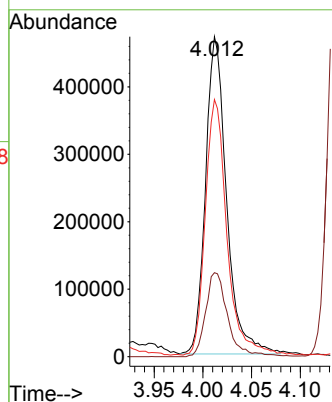
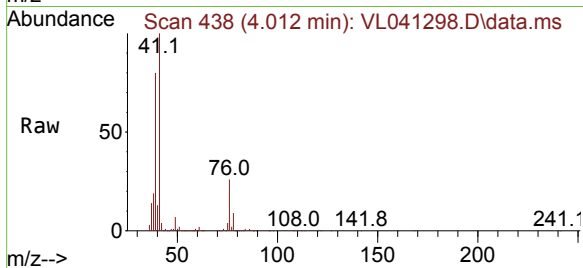
Tgt Ion: 41 Resp: 706520

Ion Ratio Lower Upper

41 100

76 27.9 23.7 35.5

39 82.9 64.7 97.1



#22

trans-1,2-Dichloroethene

Concen: 9.438 ppbv

RT: 4.455 min Scan# 576

Delta R.T. -0.006 min

Lab File: VL041298.D

Acq: 4 Jun 2024 9:11

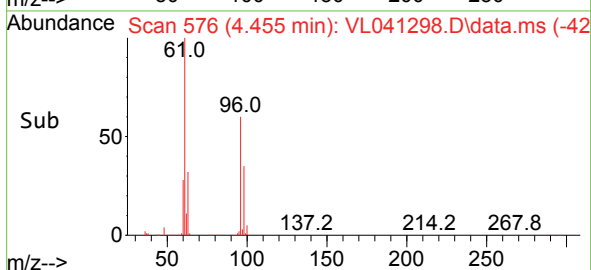
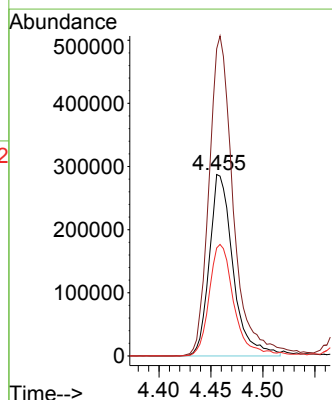
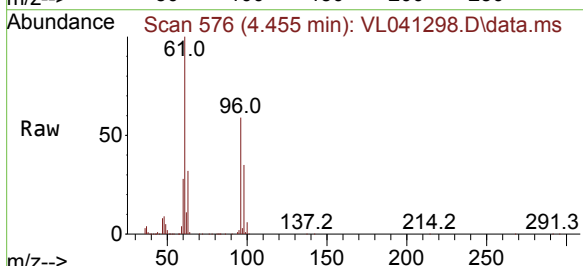
Tgt Ion: 96 Resp: 455220

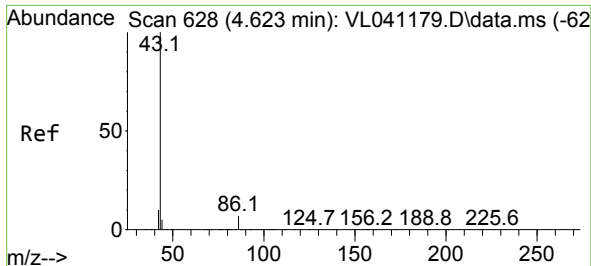
Ion Ratio Lower Upper

96 100

61 169.4 137.6 206.4

98 59.5 50.6 76.0



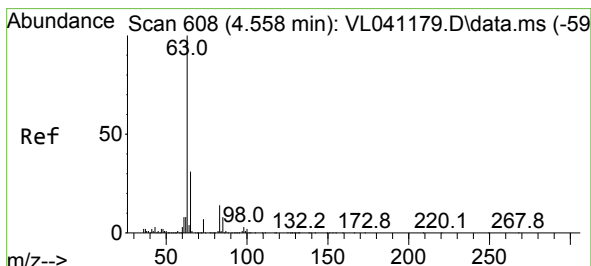
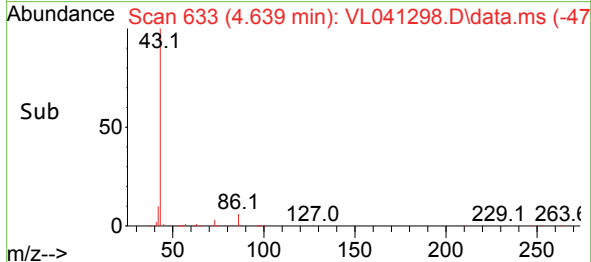
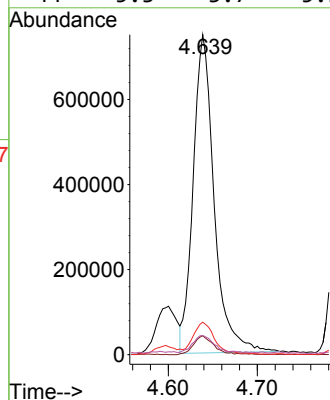
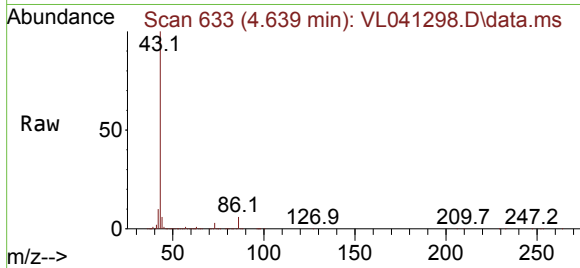


#23
 Vinyl Acetate
 Concen: 9.228 ppbv
 RT: 4.639 min Scan# 614
 Delta R.T. 0.000 min
 Lab File: VL041298.D
 Acq: 4 Jun 2024 9:11

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tgt Ion: 43 Resp: 1227126

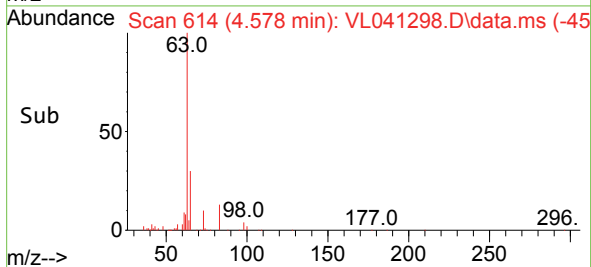
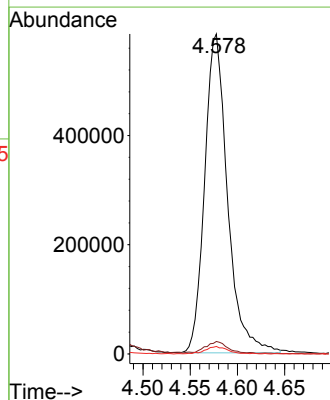
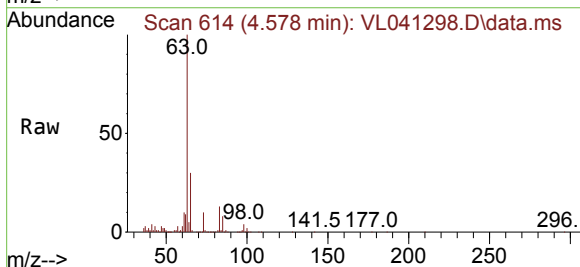
Ion	Ratio	Lower	Upper
43	100		
86	5.9	4.9	7.3
42	10.0	8.0	12.0
44	5.3	3.7	5.5

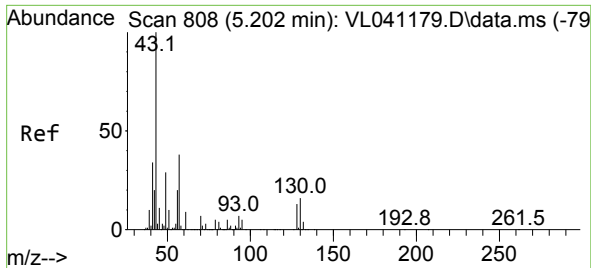


#24
 1,1-Dichloroethane
 Concen: 9.504 ppbv
 RT: 4.578 min Scan# 614
 Delta R.T. 0.000 min
 Lab File: VL041298.D
 Acq: 4 Jun 2024 9:11

Tgt Ion: 63 Resp: 982654

Ion	Ratio	Lower	Upper
63	100		
98	3.8	1.6	4.8
100	2.3	1.1	3.5



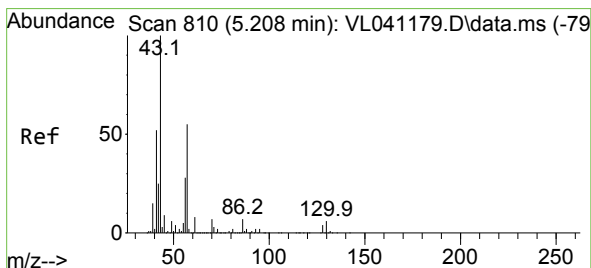
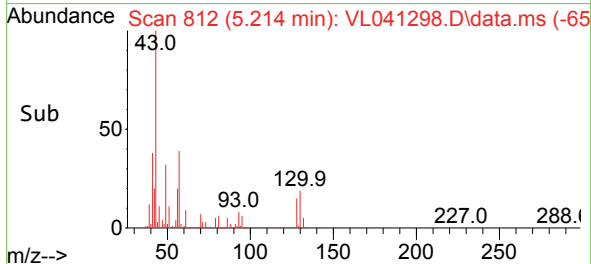
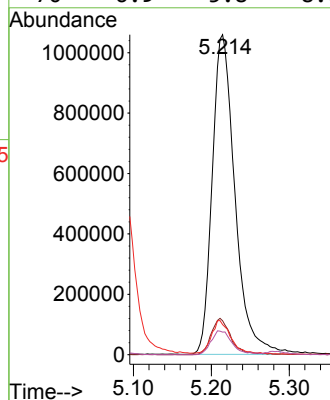
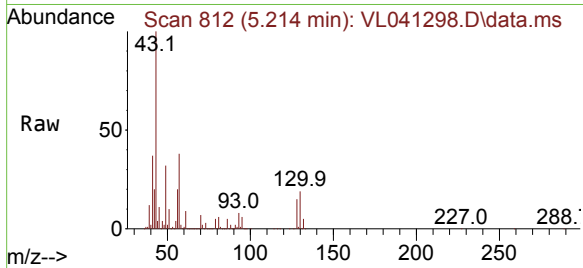


#25
Ethyl Acetate
Concen: 8.882 ppbv
RT: 5.214 min Scan# 812
Delta R.T. -0.006 min
Lab File: VL041298.D
Acq: 4 Jun 2024 9:11

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 43 Resp: 2140766

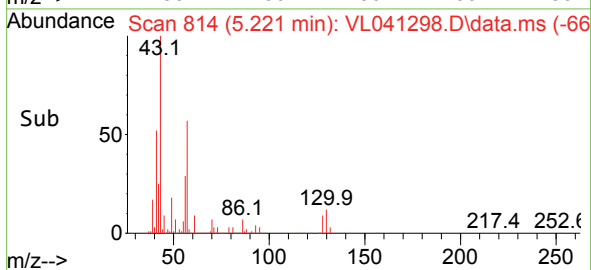
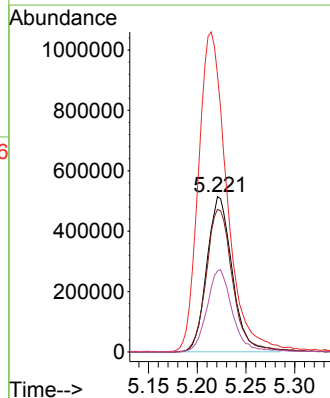
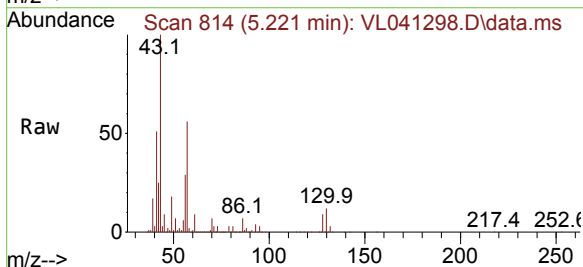
Ion	Ratio	Lower	Upper
43	100		
45	10.1	8.2	12.2
61	9.2	7.7	11.5
70	6.9	5.8	8.6

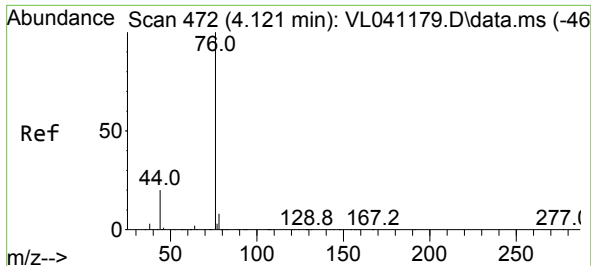


#26
Hexane
Concen: 8.654 ppbv
RT: 5.221 min Scan# 814
Delta R.T. -0.006 min
Lab File: VL041298.D
Acq: 4 Jun 2024 9:11

Tgt Ion: 57 Resp: 930822

Ion	Ratio	Lower	Upper
57	100		
41	96.4	75.8	113.8
43	232.6	187.0	280.4
56	53.6	42.7	64.1



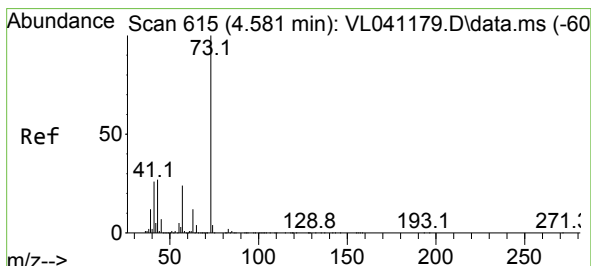
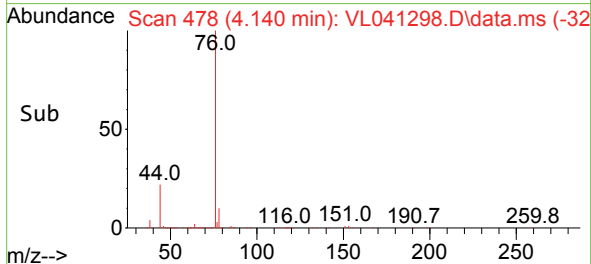
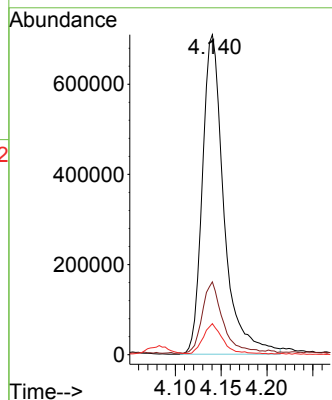
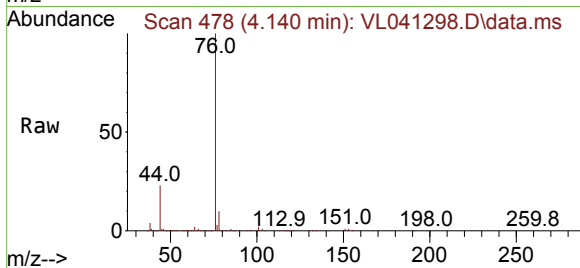


#27
Carbon Disulfide
Concen: 9.098 ppbv
RT: 4.140 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL041298.D
Acq: 4 Jun 2024 9:11

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 76 Resp: 1158452

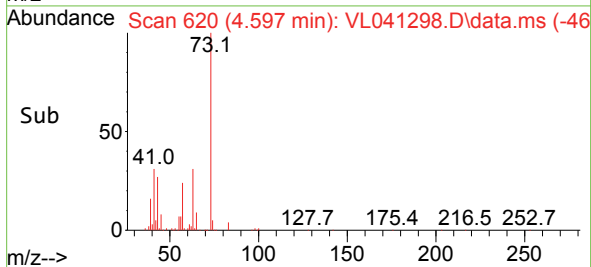
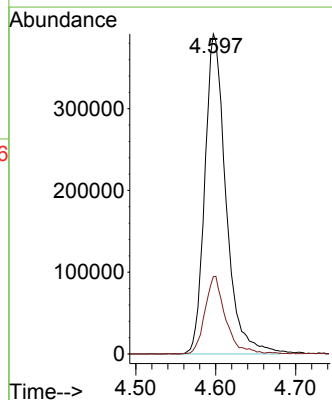
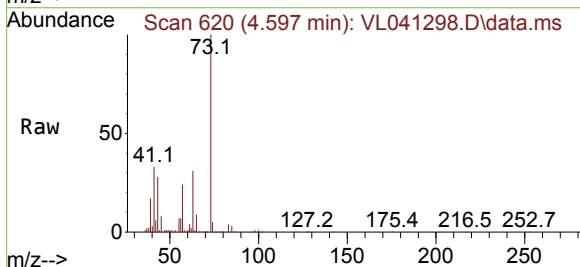
Ion	Ratio	Lower	Upper
76	100		
44	22.1	16.3	24.5
78	9.7	7.3	10.9

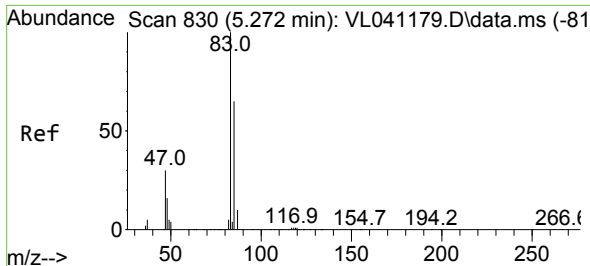


#28
Methyl tert-Butyl Ether
Concen: 8.414 ppbv
RT: 4.597 min Scan# 620
Delta R.T. -0.003 min
Lab File: VL041298.D
Acq: 4 Jun 2024 9:11

Tgt Ion: 73 Resp: 720670

Ion	Ratio	Lower	Upper
73	100		
57	24.0	18.8	28.2





#29

Chloroform

Concen: 9.875 ppbv

RT: 5.285 min Scan# 81

Delta R.T. -0.003 min

Lab File: VL041298.D

Acq: 4 Jun 2024 9:11

Instrument :

MSVOA_L

ClientSampleId :

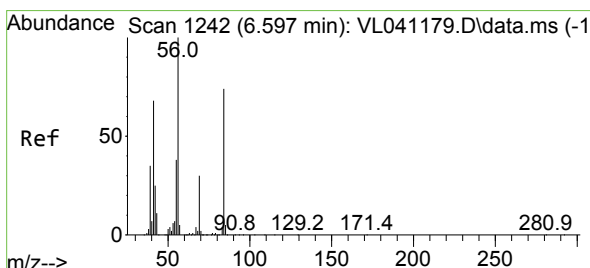
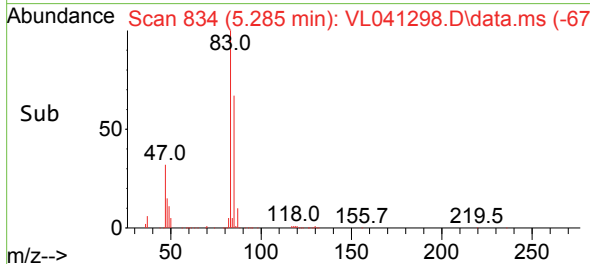
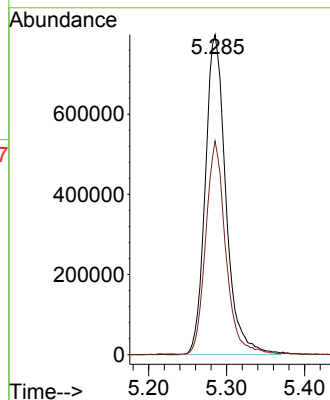
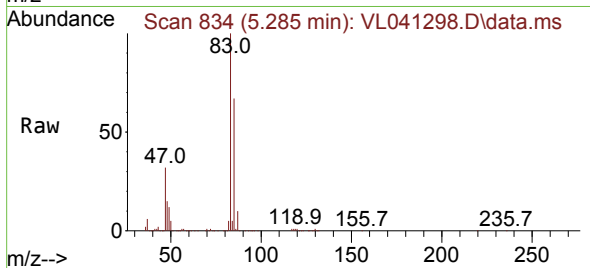
VSTDICCC010

Tgt Ion: 83 Resp: 1465284

Ion Ratio Lower Upper

83 100

85 66.6 51.7 77.5



#30

Cyclohexane

Concen: 9.225 ppbv

RT: 6.610 min Scan# 1246

Delta R.T. -0.006 min

Lab File: VL041298.D

Acq: 4 Jun 2024 9:11

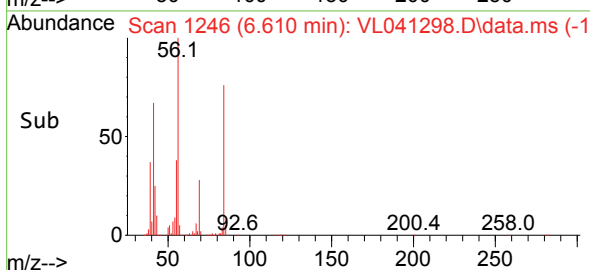
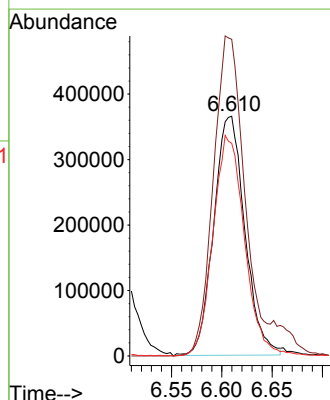
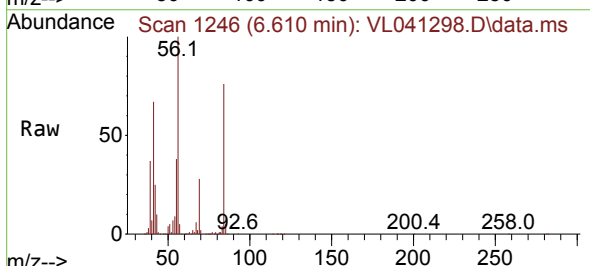
Tgt Ion: 84 Resp: 785466

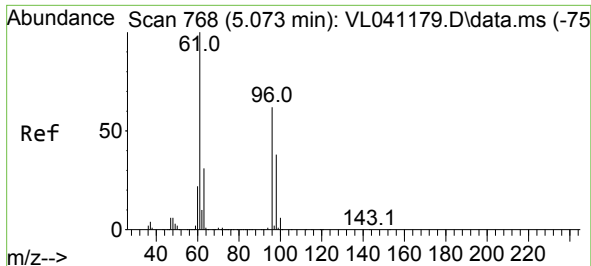
Ion Ratio Lower Upper

84 100

56 143.6 116.8 175.2

41 93.0 73.8 110.8

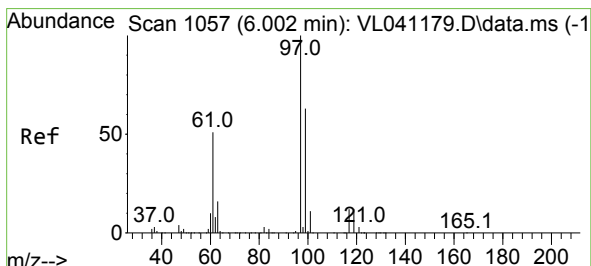
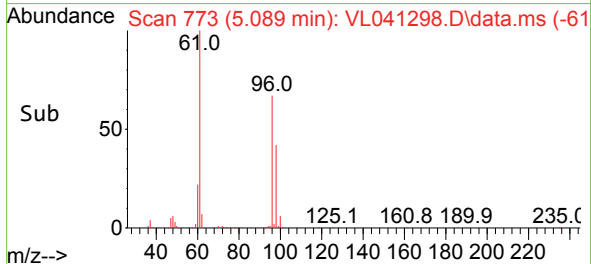
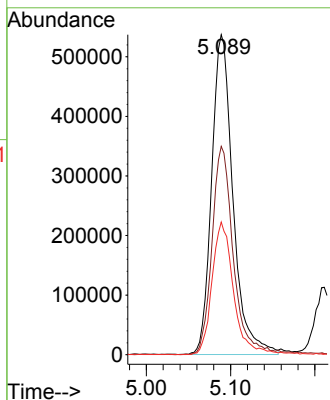
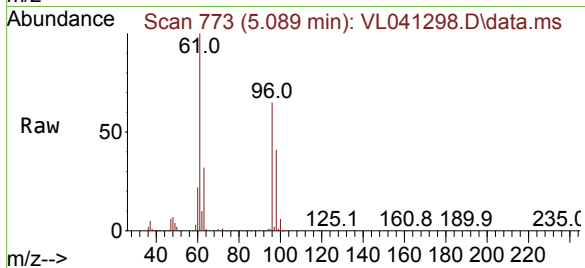




#31
 cis-1,2-Dichloroethene
 Concen: 9.375 ppbv
 RT: 5.089 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VL041298.D
 Acq: 4 Jun 2024 9:11

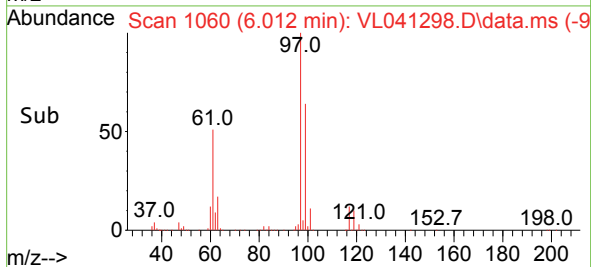
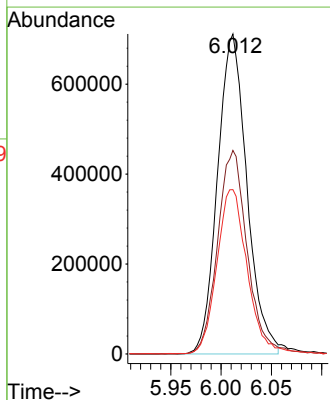
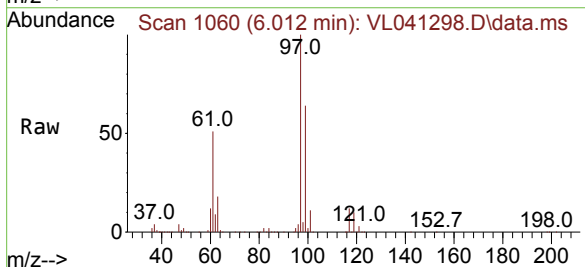
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

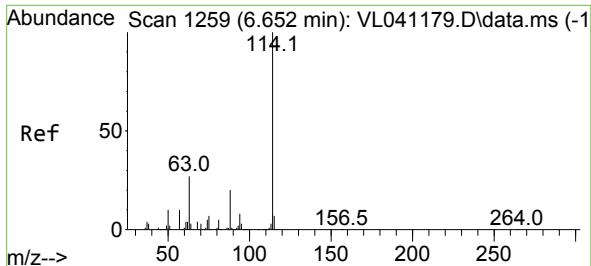
Tgt Ion: 61 Resp: 944077
 Ion Ratio Lower Upper
 61 100
 96 65.1 49.8 74.6
 98 41.4 30.0 45.0



#32
 1,1,1-Trichloroethane
 Concen: 9.748 ppbv
 RT: 6.012 min Scan# 1060
 Delta R.T. -0.006 min
 Lab File: VL041298.D
 Acq: 4 Jun 2024 9:11

Tgt Ion: 97 Resp: 1443296
 Ion Ratio Lower Upper
 97 100
 99 64.9 51.7 77.5
 61 53.6 41.1 61.7





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.658 min Scan# 114

Delta R.T. -0.010 min

Lab File: VL041298.D

Acq: 4 Jun 2024 9:11

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

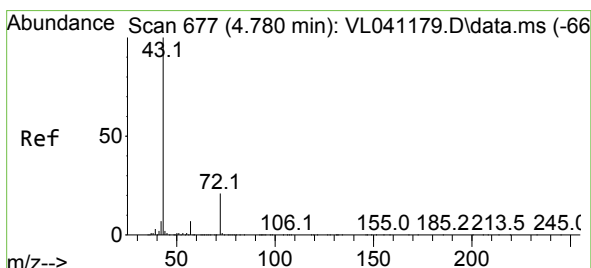
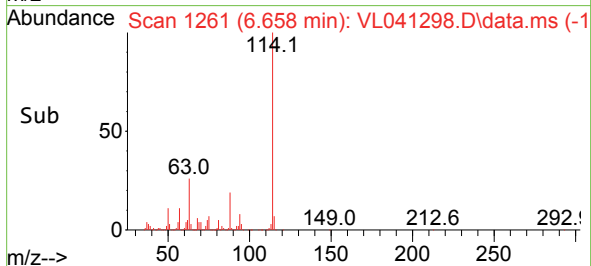
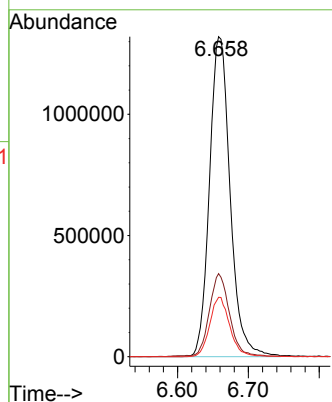
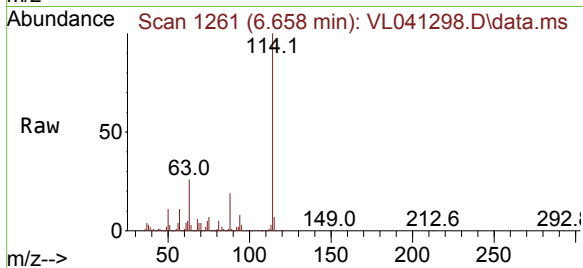
Tgt Ion:114 Resp: 2669645

Ion Ratio Lower Upper

114 100

63 25.7 21.8 32.6

88 18.1 15.2 22.8



#34

2-Butanone

Concen: 9.182 ppbv

RT: 4.796 min Scan# 682

Delta R.T. -0.003 min

Lab File: VL041298.D

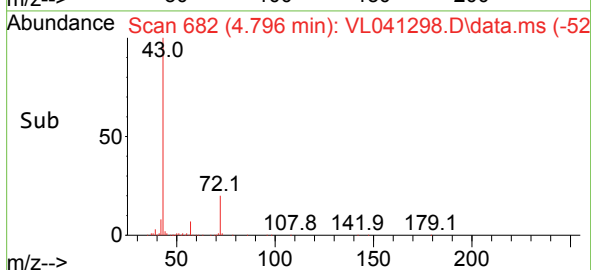
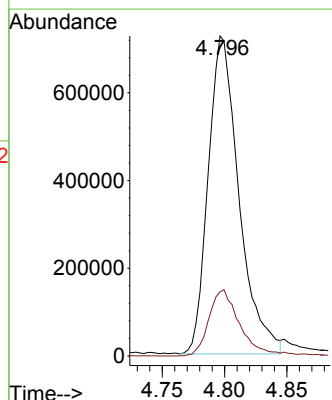
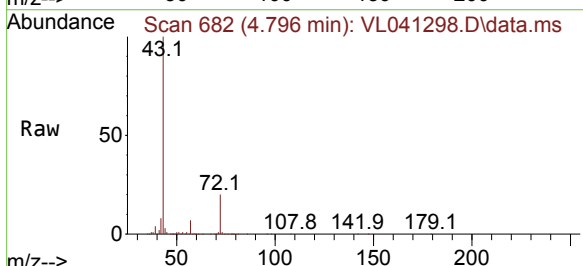
Acq: 4 Jun 2024 9:11

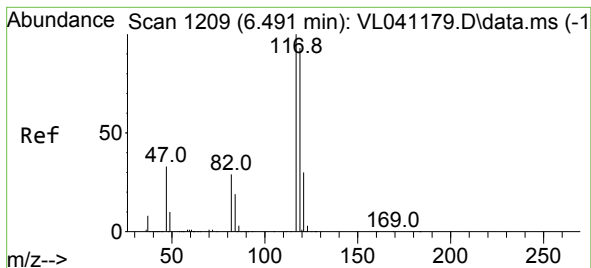
Tgt Ion: 43 Resp: 1247580

Ion Ratio Lower Upper

43 100

72 21.7 17.3 25.9





#35

Carbon Tetrachloride

Concen: 9.986 ppbv

RT: 6.500 min Scan# 117

Delta R.T. -0.010 min

Lab File: VL041298.D

Acq: 4 Jun 2024 9:11

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

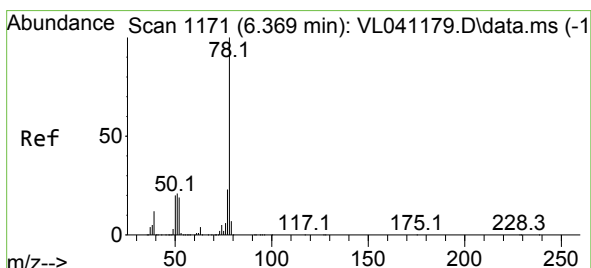
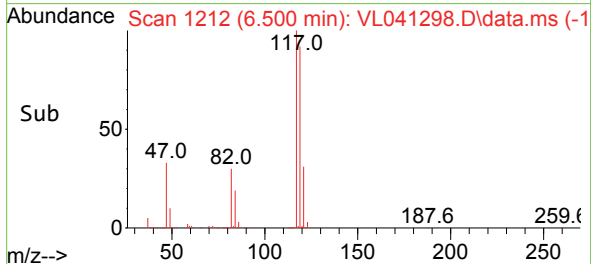
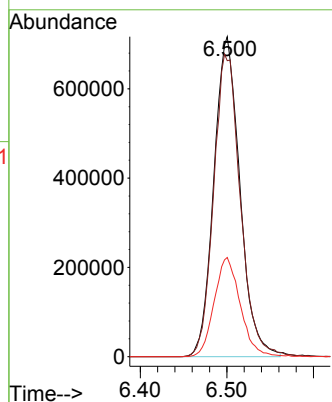
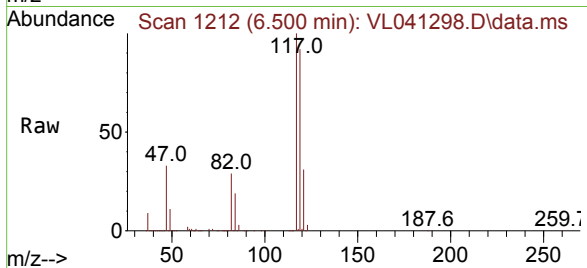
Tgt Ion:117 Resp: 1496089

Ion Ratio Lower Upper

117 100

119 92.5 74.3 111.5

121 31.0 23.8 35.8



#36

Benzene

Concen: 8.841 ppbv

RT: 6.378 min Scan# 1174

Delta R.T. -0.006 min

Lab File: VL041298.D

Acq: 4 Jun 2024 9:11

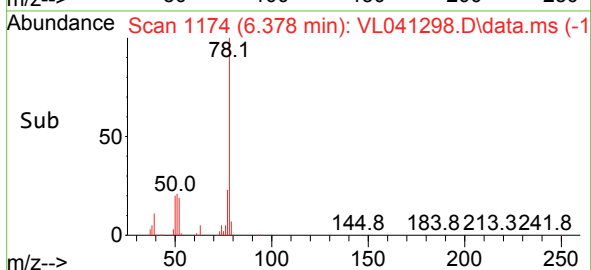
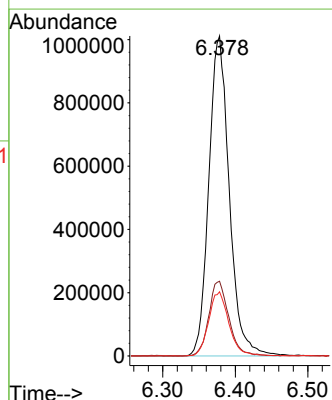
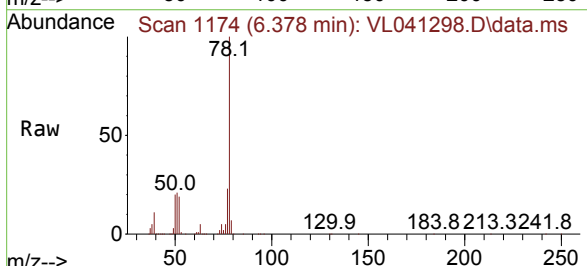
Tgt Ion: 78 Resp: 1980600

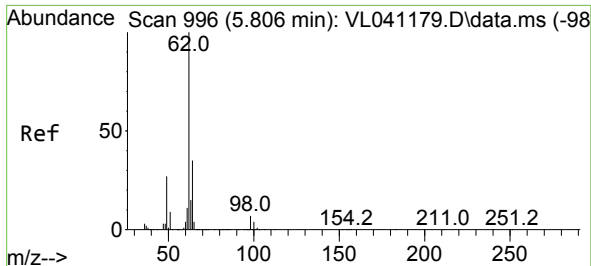
Ion Ratio Lower Upper

78 100

77 23.3 18.3 27.5

50 20.0 15.9 23.9

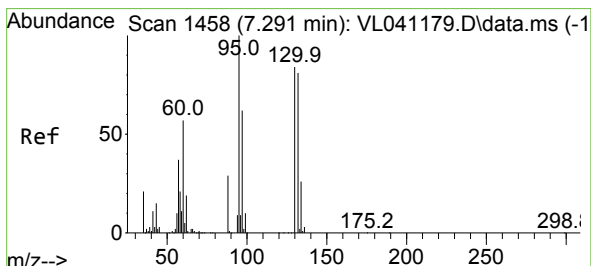
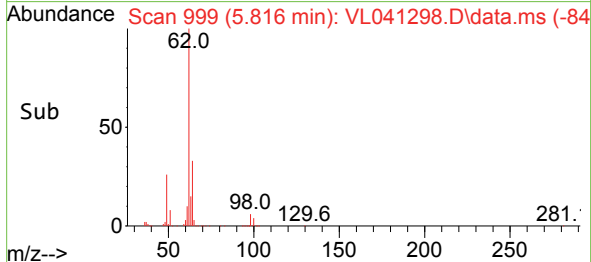
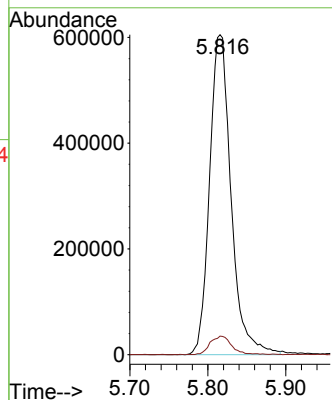
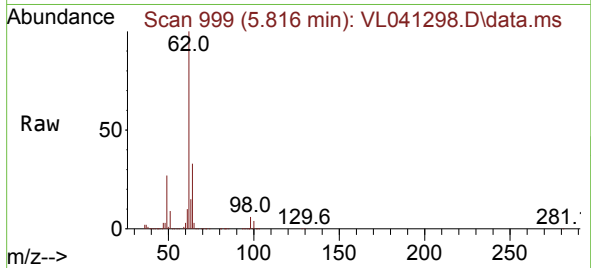




#37
1,2-Dichloroethane
Concen: 9.922 ppbv
RT: 5.816 min Scan# 996
Delta R.T. -0.006 min
Lab File: VL041298.D
Acq: 4 Jun 2024 9:11

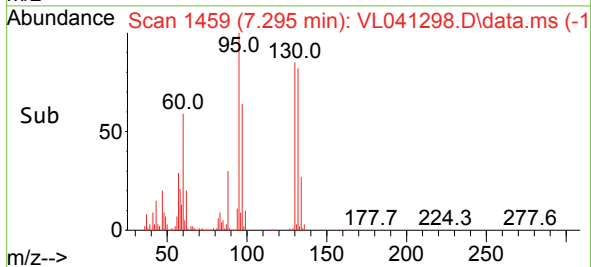
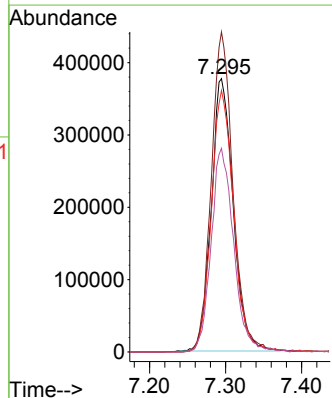
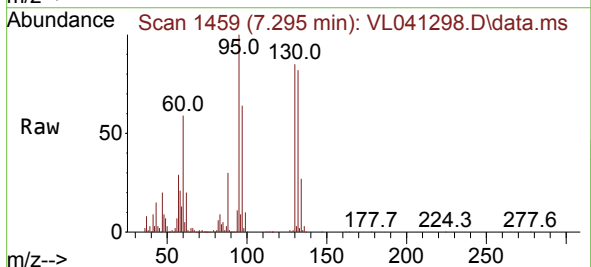
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

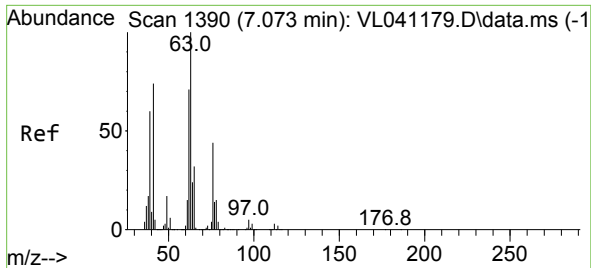
Tgt Ion: 62 Resp: 1159815
Ion Ratio Lower Upper
62 100
98 6.0 5.0 7.4



#38
Trichloroethene
Concen: 9.018 ppbv
RT: 7.295 min Scan# 1459
Delta R.T. -0.013 min
Lab File: VL041298.D
Acq: 4 Jun 2024 9:11

Tgt Ion:130 Resp: 752906
Ion Ratio Lower Upper
130 100
95 117.5 95.0 142.6
132 95.9 77.0 115.4
97 74.8 59.1 88.7





#39

1,2-Dichloropropane

Concen: 8.877 ppbv

RT: 7.079 min Scan# 11

Delta R.T. -0.010 min

Lab File: VL041298.D

Acq: 4 Jun 2024 9:11

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

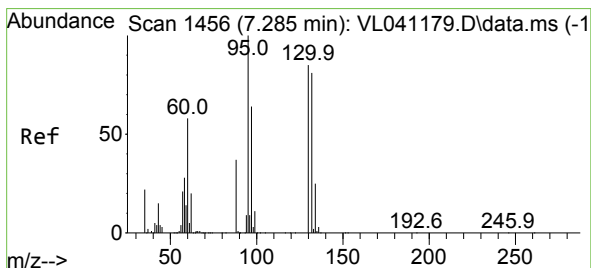
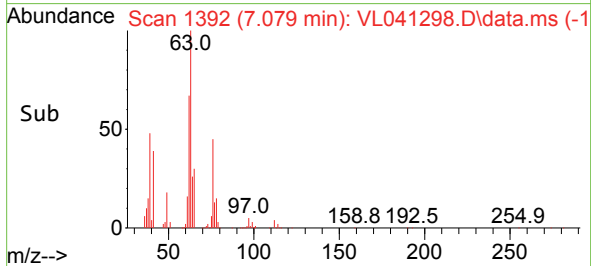
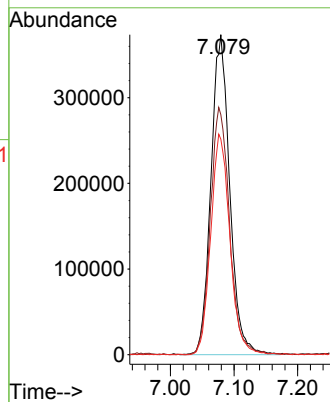
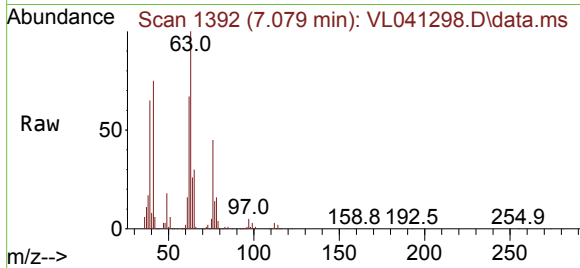
Tgt Ion: 63 Resp: 766472

Ion Ratio Lower Upper

63 100

41 74.9 59.4 89.0

62 67.2 56.8 85.2



#40

1,4-Dioxane

Concen: 9.262 ppbv

RT: 7.295 min Scan# 1459

Delta R.T. -0.003 min

Lab File: VL041298.D

Acq: 4 Jun 2024 9:11

Tgt Ion: 88 Resp: 285688

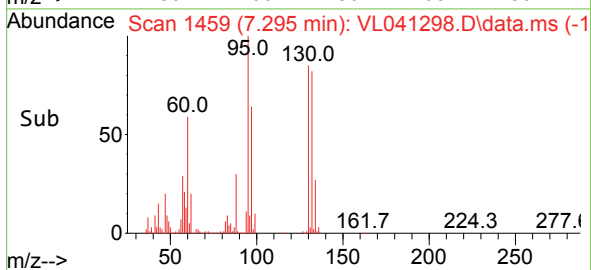
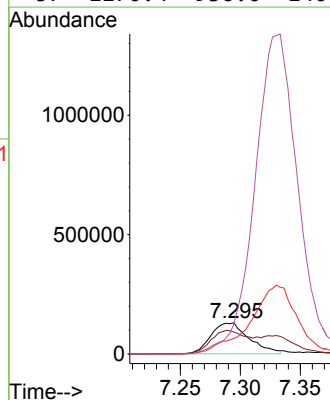
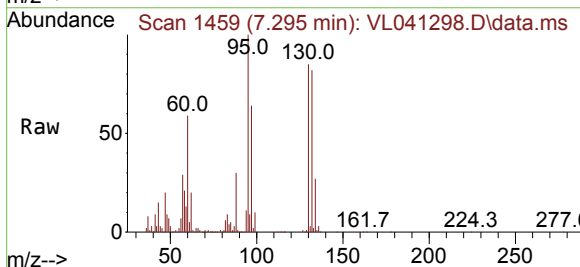
Ion Ratio Lower Upper

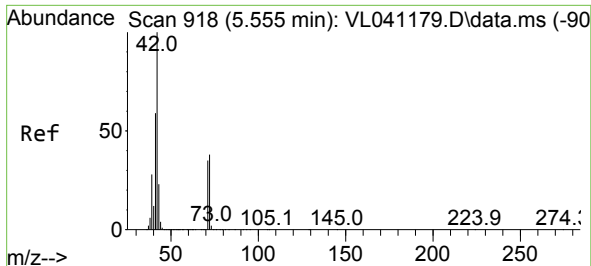
88 100

58 134.4 106.1 159.1

43 277.2 219.8 329.6

57 1170.4 936.0 1404.0

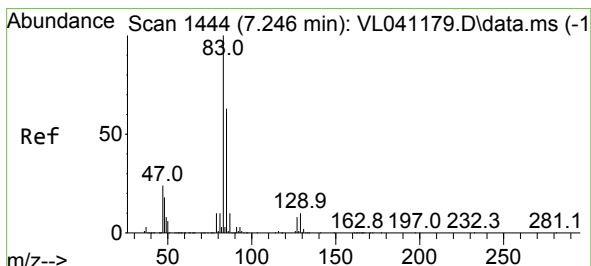
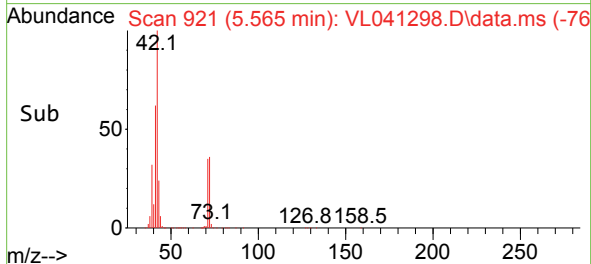
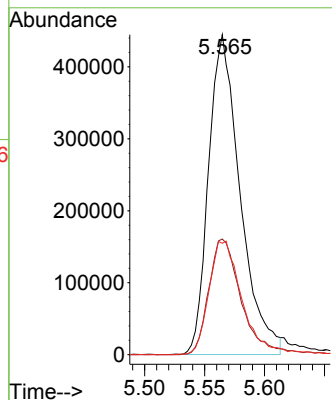
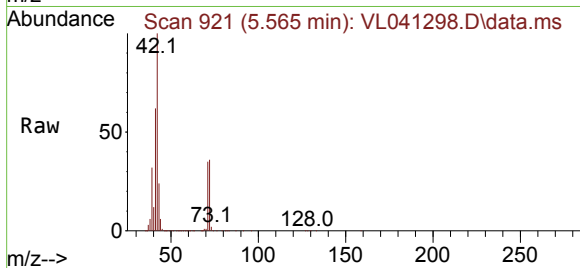




#41
Tetrahydrofuran
Concen: 8.279 ppbv
RT: 5.565 min Scan# 918
Delta R.T. -0.006 min
Lab File: VL041298.D
Acq: 4 Jun 2024 9:11

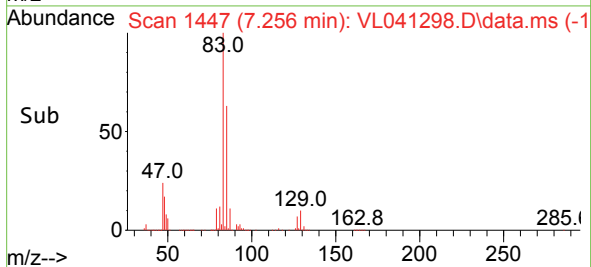
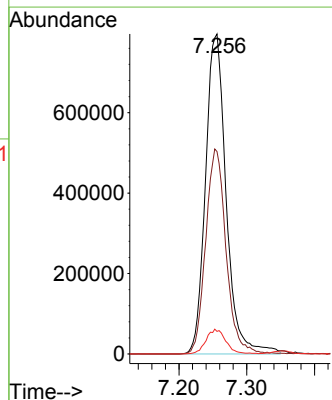
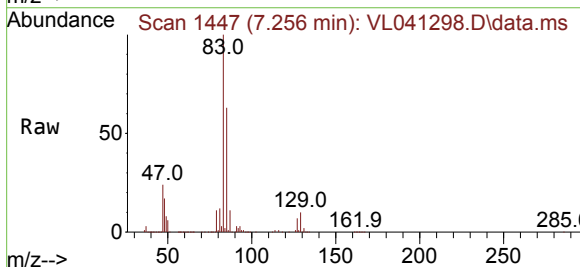
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

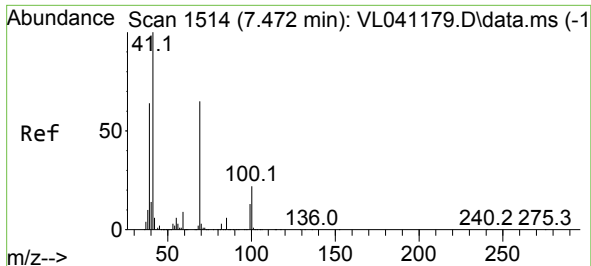
Tgt Ion: 42 Resp: 814407
Ion Ratio Lower Upper
42 100
72 37.8 29.4 44.0
71 37.9 29.1 43.7



#42
Bromodichloromethane
Concen: 10.055 ppbv
RT: 7.256 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VL041298.D
Acq: 4 Jun 2024 9:11

Tgt Ion: 83 Resp: 1685711
Ion Ratio Lower Upper
83 100
85 63.2 50.6 75.8
127 7.0 6.2 9.4

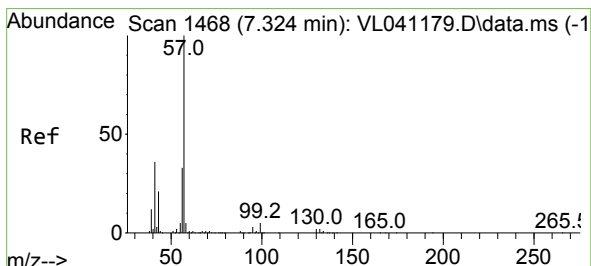
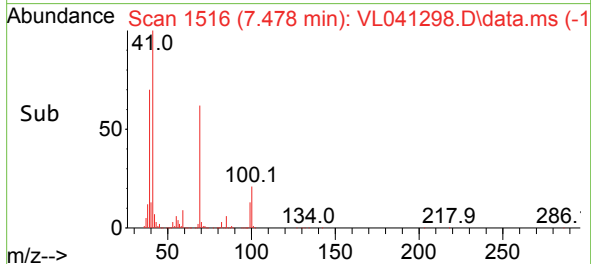
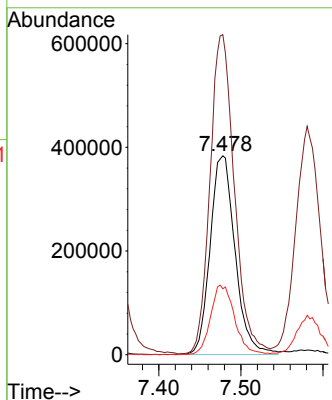
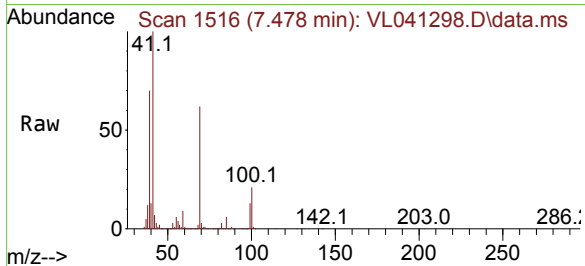




#43
Methyl Methacrylate
Concen: 8.947 ppbv
RT: 7.478 min Scan# 11
Delta R.T. -0.010 min
Lab File: VL041298.D
Acq: 4 Jun 2024 9:11

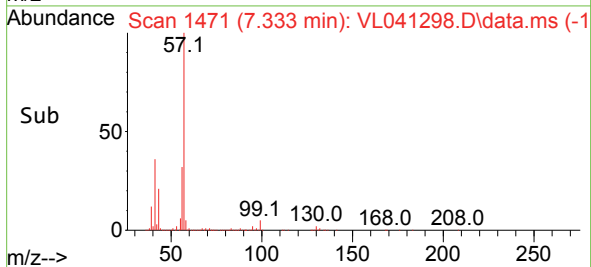
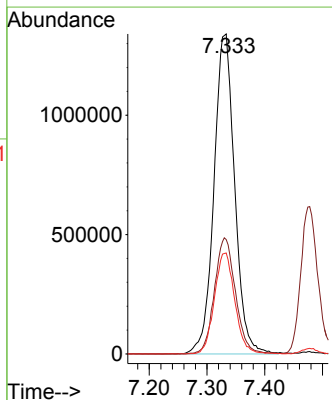
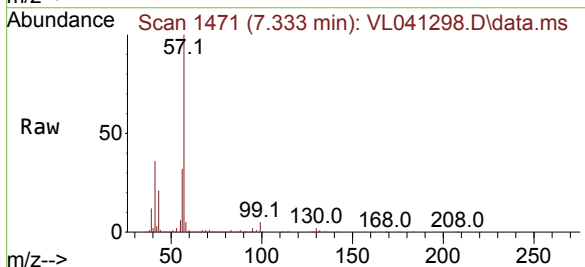
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

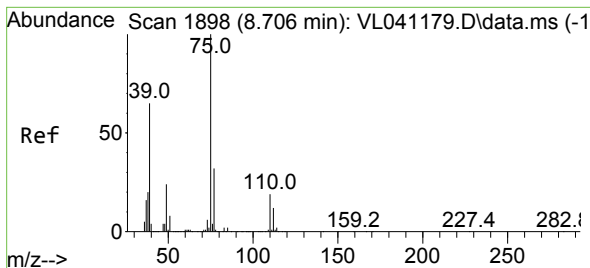
Tgt Ion: 69 Resp: 810686
Ion Ratio Lower Upper
69 100
41 157.2 125.2 187.8
100 33.8 26.7 40.1



#44
2,2,4-Trimethylpentane
Concen: 8.644 ppbv
RT: 7.333 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VL041298.D
Acq: 4 Jun 2024 9:11

Tgt Ion: 57 Resp: 3339096
Ion Ratio Lower Upper
57 100
41 36.8 29.5 44.3
56 31.2 25.3 37.9





#45

t-1,3-Dichloropropene

Concen: 9.110 ppbv

RT: 8.713 min Scan# 1898

Delta R.T. -0.010 min

Lab File: VL041298.D

Acq: 4 Jun 2024 9:11

Instrument :

MSVOA_L

ClientSampleId :

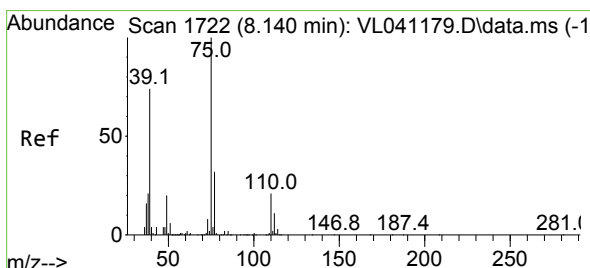
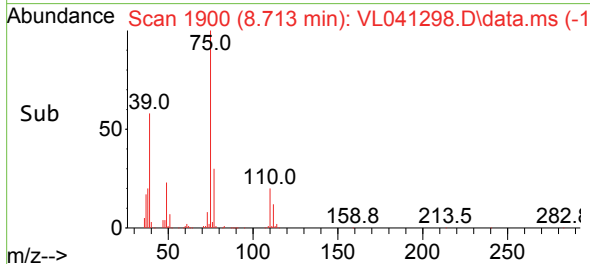
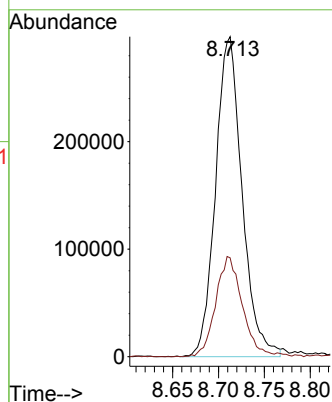
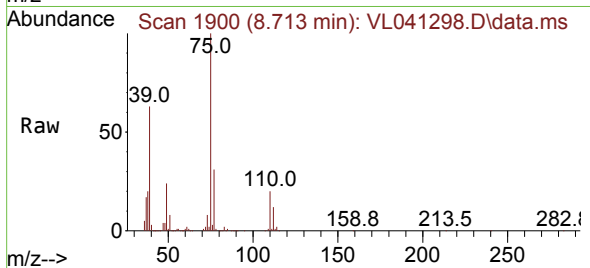
VSTDICCC010

Tgt Ion: 75 Resp: 598199

Ion Ratio Lower Upper

75 100

77 30.9 25.6 38.4



#46

cis-1,3-Dichloropropene

Concen: 8.832 ppbv

RT: 8.143 min Scan# 1723

Delta R.T. -0.013 min

Lab File: VL041298.D

Acq: 4 Jun 2024 9:11

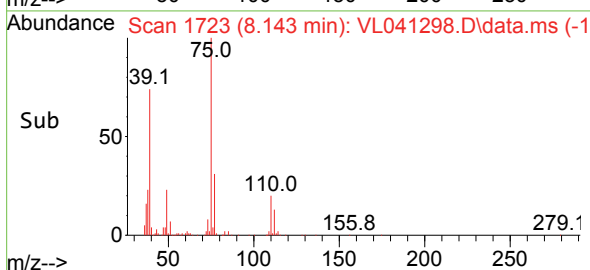
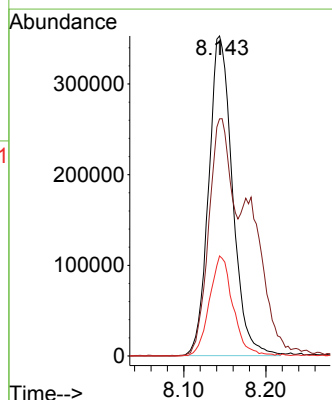
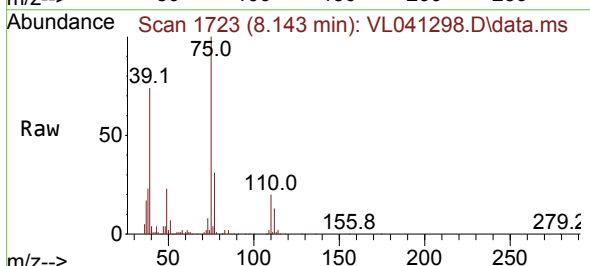
Tgt Ion: 75 Resp: 709965

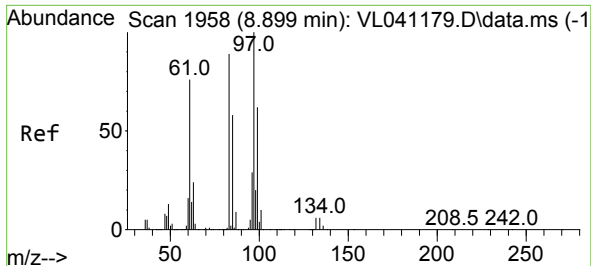
Ion Ratio Lower Upper

75 100

39 74.0 59.4 89.2

77 31.3 25.9 38.9





#47

1,1,2-Trichloroethane

Concen: 9.548 ppbv

RT: 8.899 min Scan# 1958

Delta R.T. -0.016 min

Lab File: VL041298.D

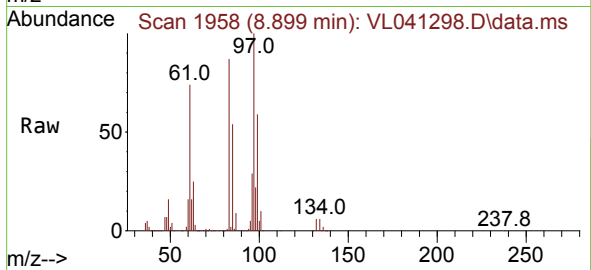
Acq: 4 Jun 2024 9:11

Instrument :

MSVOA_L

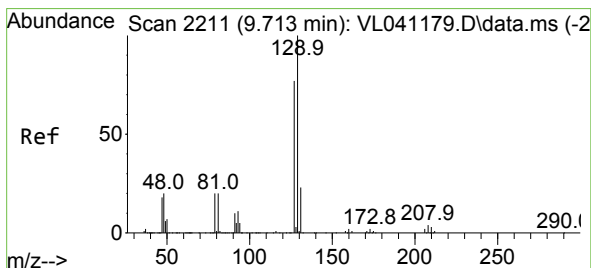
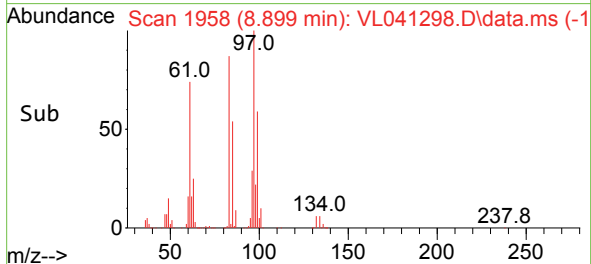
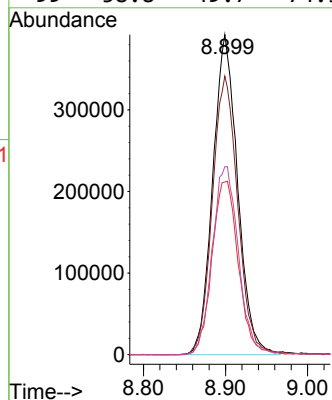
ClientSampleId :

VSTDICCC010



Tgt Ion: 97 Resp: 825142

Ion	Ratio	Lower	Upper
97	100		
83	87.1	71.2	106.8
85	53.9	46.0	69.0
99	58.8	49.7	74.5



#48

Dibromochloromethane

Concen: 10.198 ppbv

RT: 9.709 min Scan# 2210

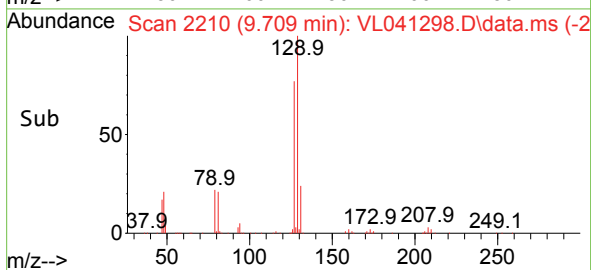
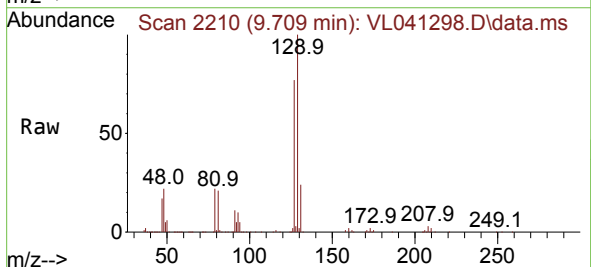
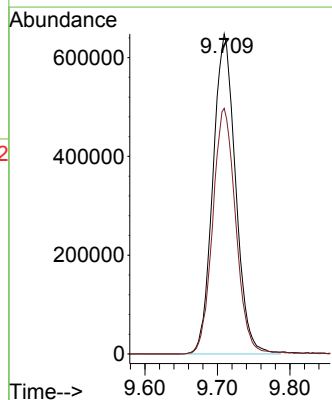
Delta R.T. -0.016 min

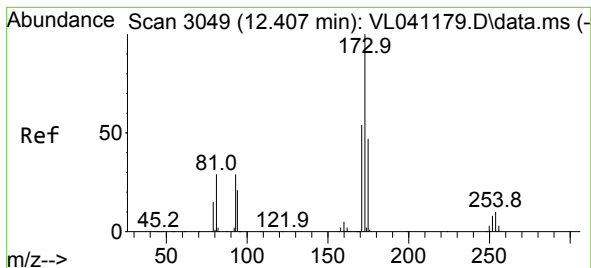
Lab File: VL041298.D

Acq: 4 Jun 2024 9:11

Tgt Ion: 129 Resp: 1404173

Ion	Ratio	Lower	Upper
129	100		
127	78.3	39.1	117.5





#49

Bromoform

Concen: 9.891 ppbv

RT: 12.404 min Scan# 3048

Delta R.T. -0.016 min

Lab File: VL041298.D

Acq: 4 Jun 2024 9:11

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

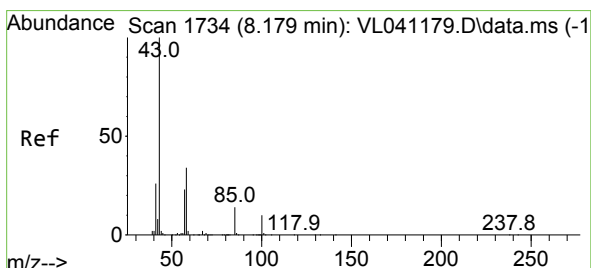
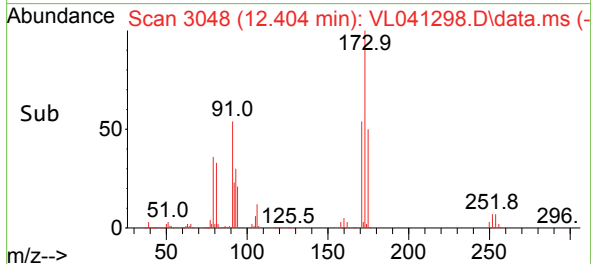
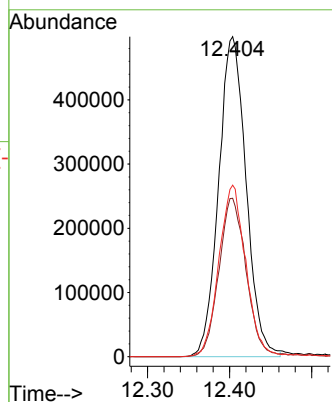
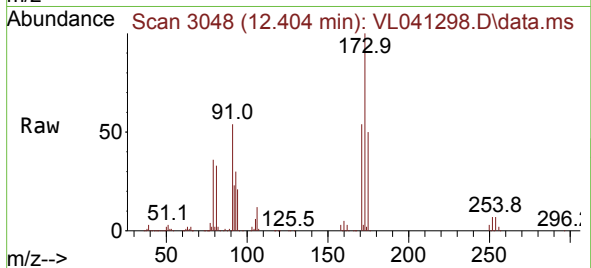
Tgt Ion:173 Resp: 1158551

Ion Ratio Lower Upper

173 100

175 49.9 39.8 59.8

171 53.2 41.8 62.8



#50

4-Methyl-2-Pentanone

Concen: 8.622 ppbv

RT: 8.179 min Scan# 1734

Delta R.T. -0.016 min

Lab File: VL041298.D

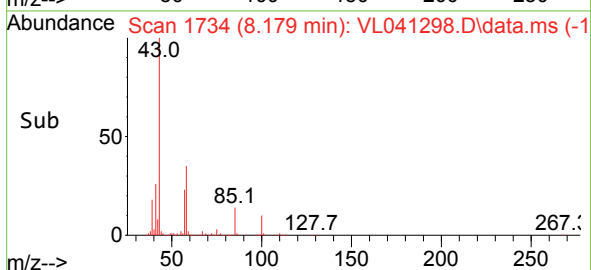
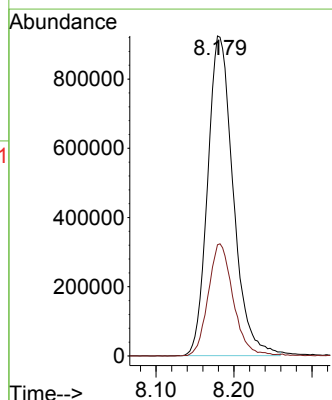
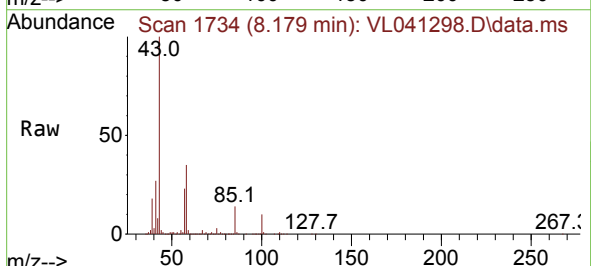
Acq: 4 Jun 2024 9:11

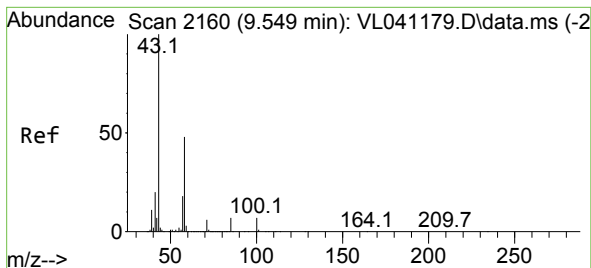
Tgt Ion: 43 Resp: 2102376

Ion Ratio Lower Upper

43 100

58 34.6 27.7 41.5



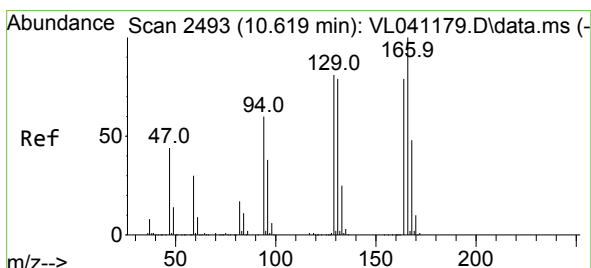
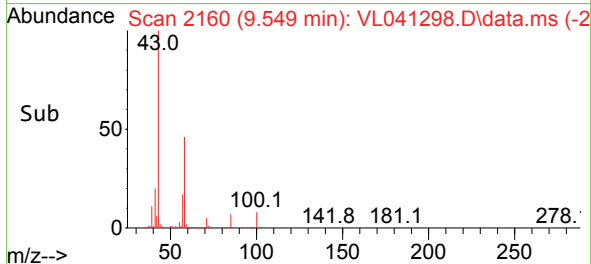
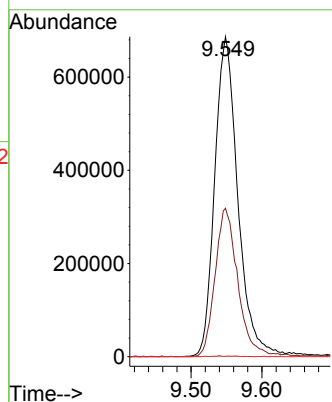
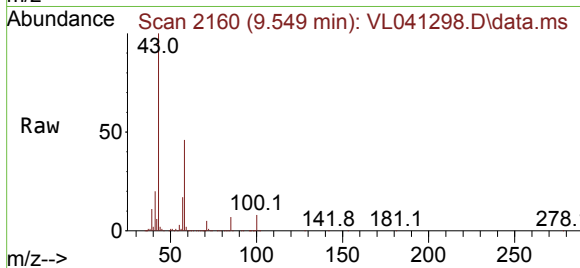


#51
2-Hexanone
Concen: 8.576 ppbv
RT: 9.549 min Scan# 2160
Delta R.T. -0.016 min
Lab File: VL041298.D
Acq: 4 Jun 2024 9:11

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 43 Resp: 1551244

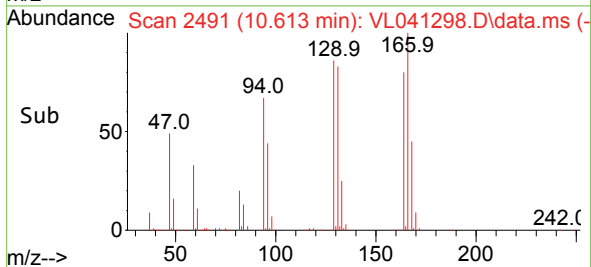
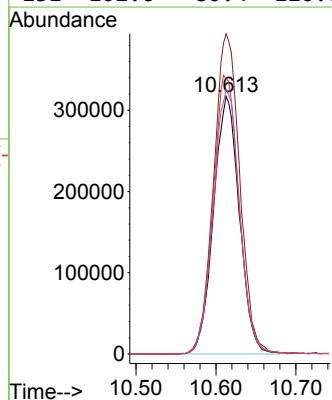
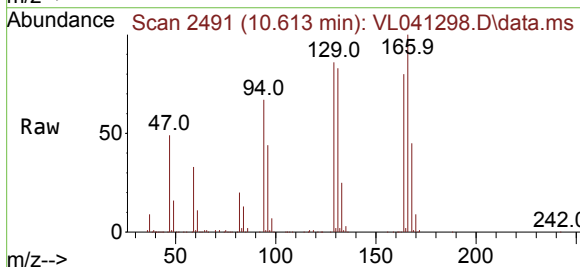
Ion	Ratio	Lower	Upper
43	100		
58	46.7	38.4	57.6
98	0.3	0.0	0.0

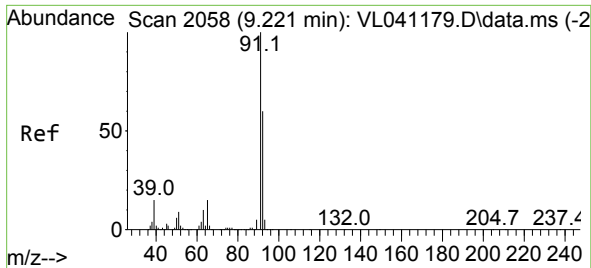


#52
Tetrachloroethene
Concen: 8.988 ppbv
RT: 10.613 min Scan# 2491
Delta R.T. -0.016 min
Lab File: VL041298.D
Acq: 4 Jun 2024 9:11

Tgt Ion: 164 Resp: 707765

Ion	Ratio	Lower	Upper
164	100		
166	124.2	101.1	151.7
129	106.8	81.7	122.5
131	102.6	80.4	120.6

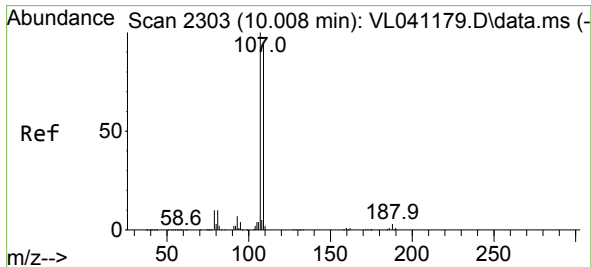
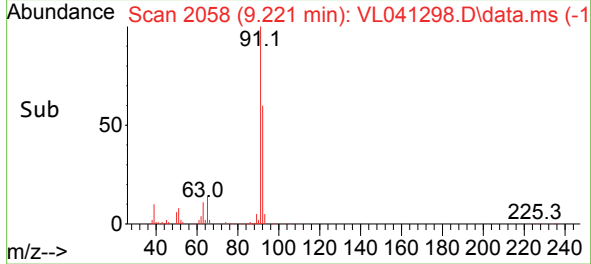
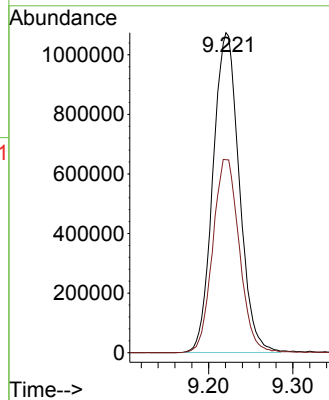
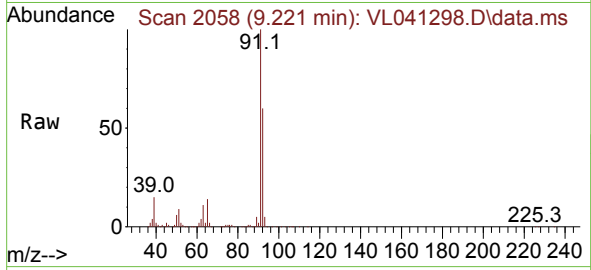




#53
Toluene
Concen: 8.940 ppbv
RT: 9.221 min Scan# 2058
Delta R.T. -0.013 min
Lab File: VL041298.D
Acq: 4 Jun 2024 9:11

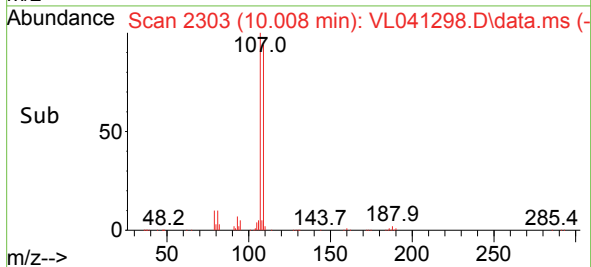
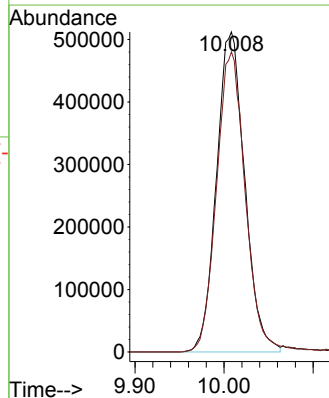
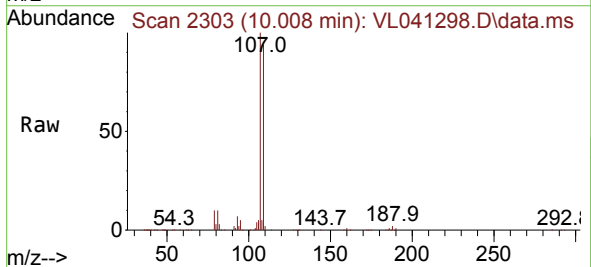
Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

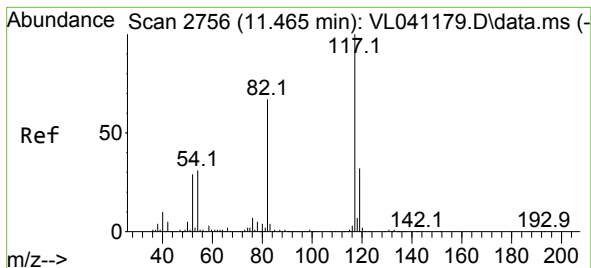
Tgt Ion: 91 Resp: 2322300
Ion Ratio Lower Upper
91 100
92 61.5 48.2 72.4



#54
1,2-Dibromoethane
Concen: 9.626 ppbv
RT: 10.008 min Scan# 2303
Delta R.T. -0.013 min
Lab File: VL041298.D
Acq: 4 Jun 2024 9:11

Tgt Ion: 107 Resp: 1126770
Ion Ratio Lower Upper
107 100
109 93.8 75.2 112.8

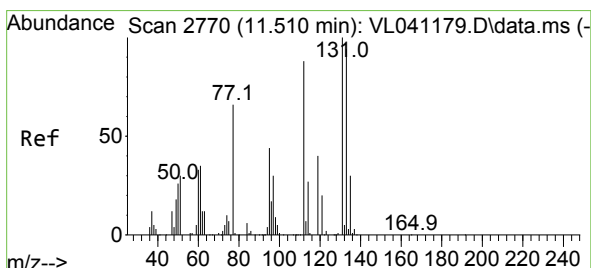
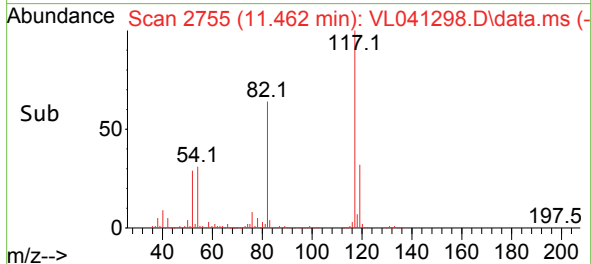
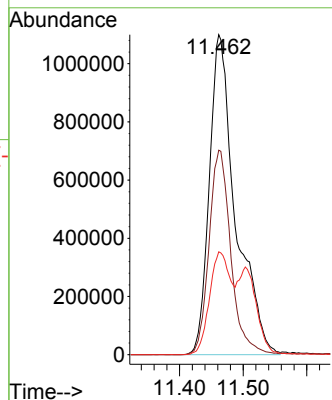
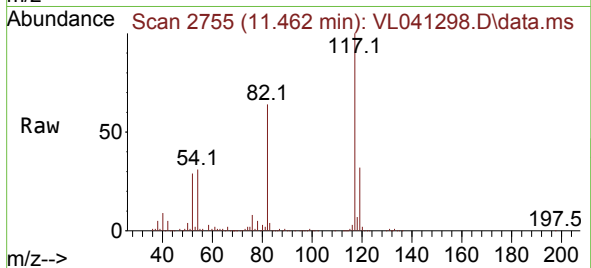




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.462 min Scan# 21
Delta R.T. -0.019 min
Lab File: VL041298.D
Acq: 4 Jun 2024 9:11

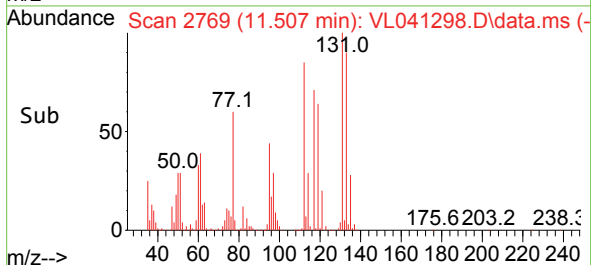
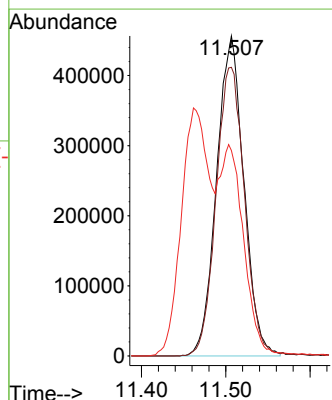
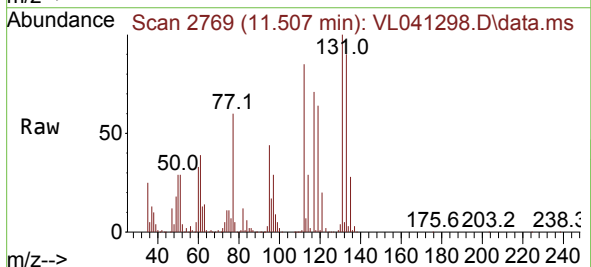
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

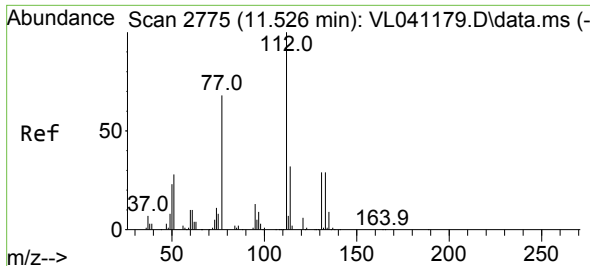
Tgt Ion:117 Resp: 3155989
Ion Ratio Lower Upper
117 100
82 53.2 53.6 80.4#
119 26.6 27.2 40.8#



#56
1,1,1,2-Tetrachloroethane
Concen: 8.022 ppbv
RT: 11.507 min Scan# 2769
Delta R.T. -0.016 min
Lab File: VL041298.D
Acq: 4 Jun 2024 9:11

Tgt Ion:131 Resp: 1026568
Ion Ratio Lower Upper
131 100
133 94.7 76.3 114.5
119 60.4 49.4 74.2

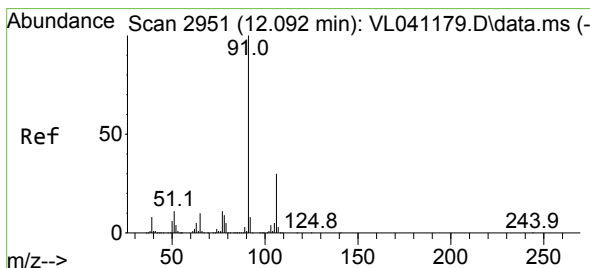
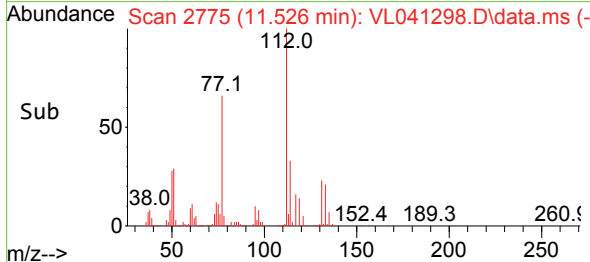
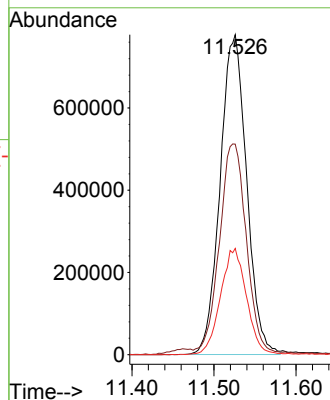
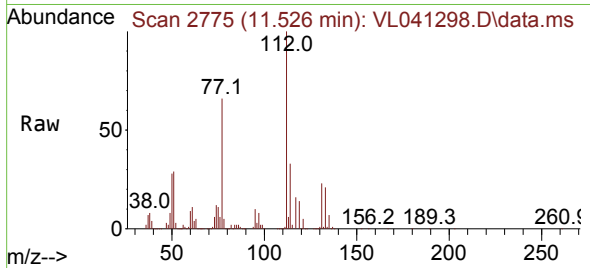




#57
Chlorobenzene
Concen: 7.557 ppbv
RT: 11.526 min Scan# 21
Delta R.T. -0.016 min
Lab File: VL041298.D
Acq: 4 Jun 2024 9:11

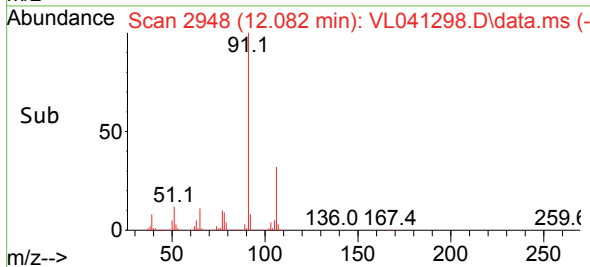
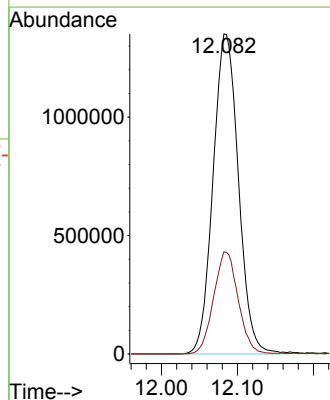
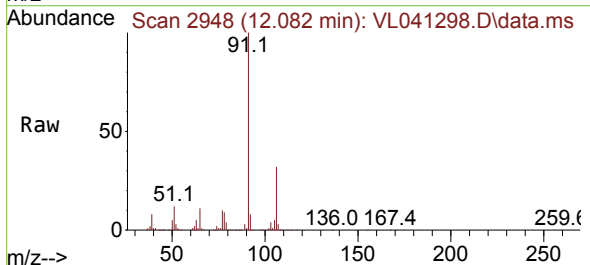
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

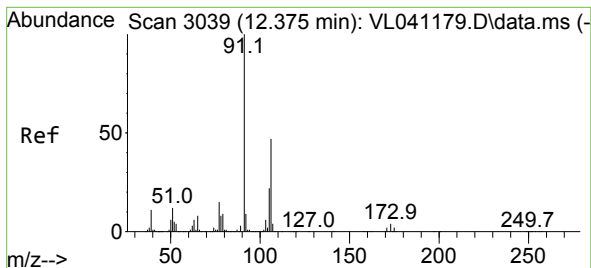
Tgt Ion:112 Resp: 1746611
Ion Ratio Lower Upper
112 100
77 65.0 54.9 82.3
114 33.1 28.7 35.1



#58
Ethyl Benzene
Concen: 7.225 ppbv
RT: 12.082 min Scan# 2948
Delta R.T. -0.019 min
Lab File: VL041298.D
Acq: 4 Jun 2024 9:11

Tgt Ion: 91 Resp: 3126554
Ion Ratio Lower Upper
91 100
106 31.9 24.3 36.5

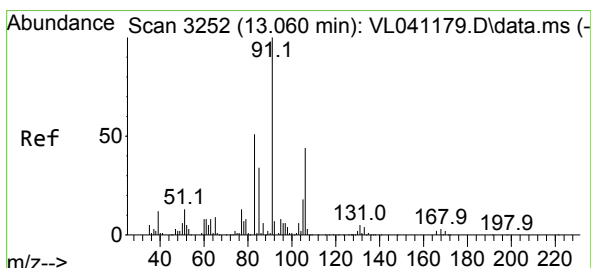
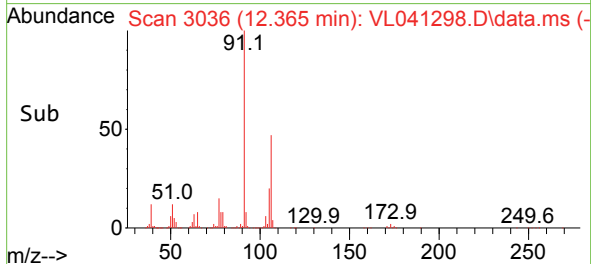
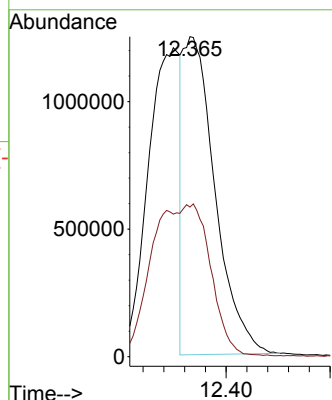
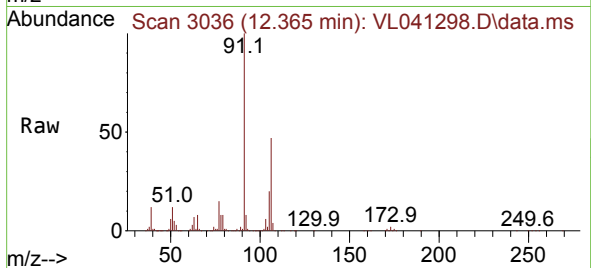




#59
m/p-Xylene
Concen: 7.322 ppbv
RT: 12.365 min Scan# 3036
Delta R.T. -0.019 min
Lab File: VL041298.D
Acq: 4 Jun 2024 9:11

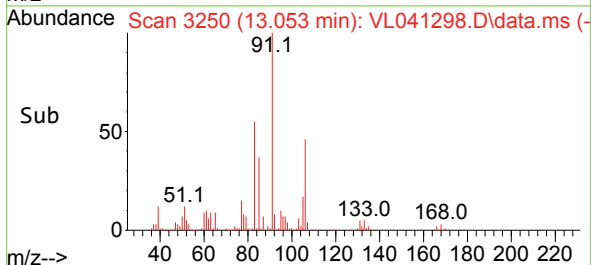
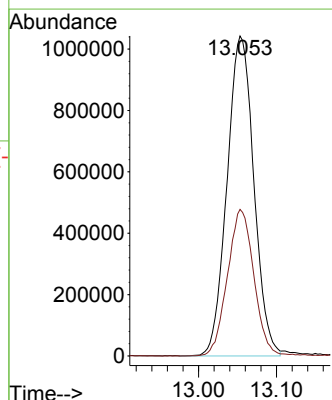
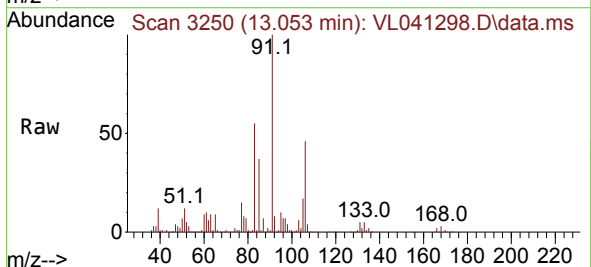
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

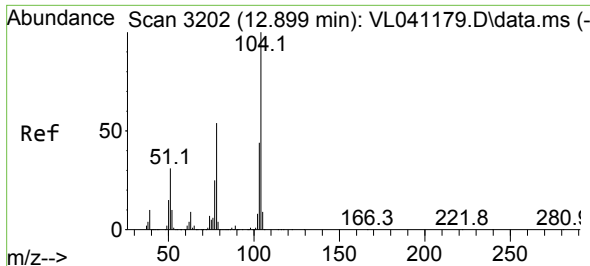
Tgt Ion: 91 Resp: 2663093
Ion Ratio Lower Upper
91 100
106 88.9 35.7 53.5#



#60
o-Xylene
Concen: 7.314 ppbv
RT: 13.053 min Scan# 3250
Delta R.T. -0.016 min
Lab File: VL041298.D
Acq: 4 Jun 2024 9:11

Tgt Ion: 91 Resp: 2493688
Ion Ratio Lower Upper
91 100
106 45.6 22.4 67.3

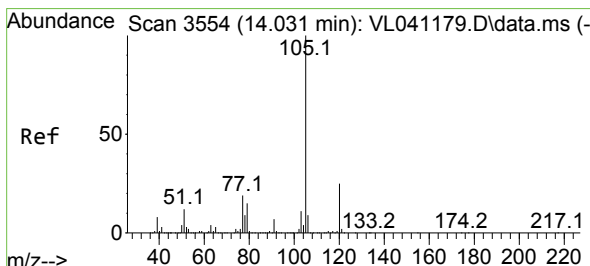
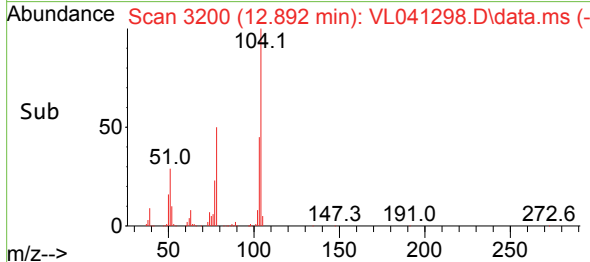
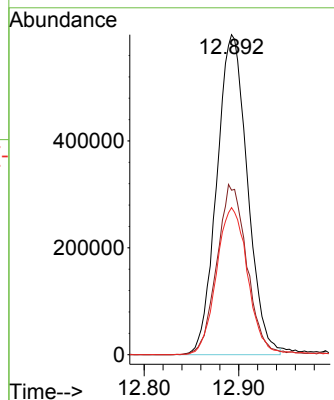
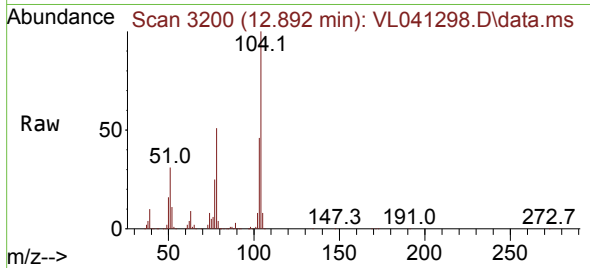




#61
Styrene
Concen: 7.489 ppbv
RT: 12.892 min Scan# 31
Delta R.T. -0.016 min
Lab File: VL041298.D
Acq: 4 Jun 2024 9:11

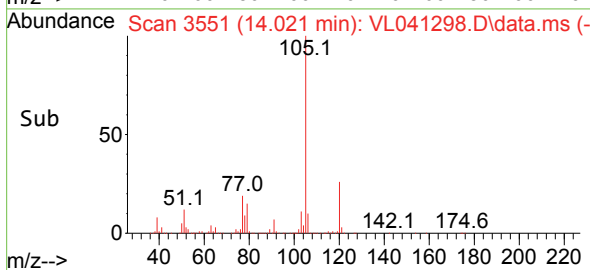
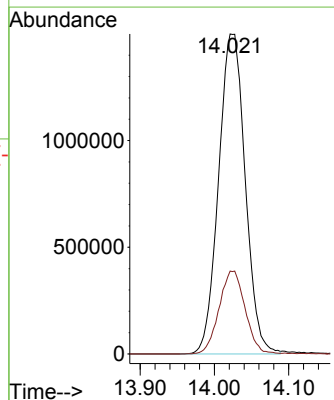
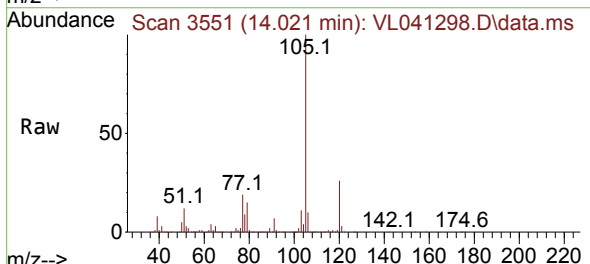
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

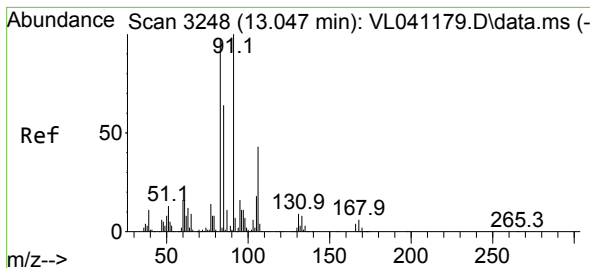
Tgt Ion:104 Resp: 1348748
Ion Ratio Lower Upper
104 100
78 52.8 42.6 63.8
103 47.4 38.4 57.6



#62
Isopropylbenzene
Concen: 7.331 ppbv
RT: 14.021 min Scan# 3551
Delta R.T. -0.022 min
Lab File: VL041298.D
Acq: 4 Jun 2024 9:11

Tgt Ion:105 Resp: 3738569
Ion Ratio Lower Upper
105 100
120 25.5 20.2 30.2

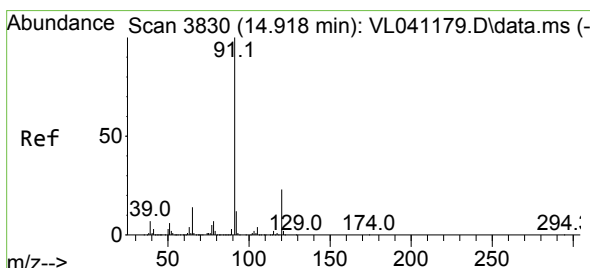
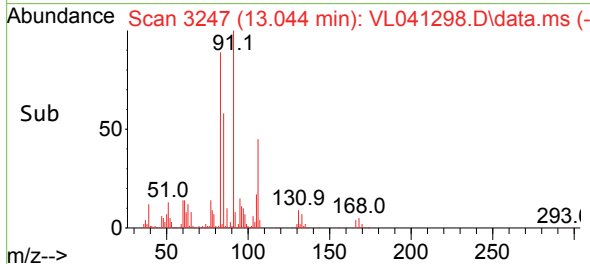
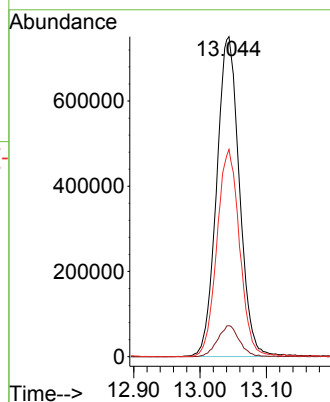
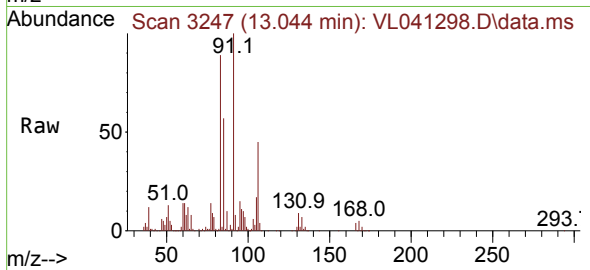




#63
1,1,2,2-Tetrachloroethane
Concen: 7.689 ppbv
RT: 13.044 min Scan# 31
Delta R.T. -0.016 min
Lab File: VL041298.D
Acq: 4 Jun 2024 9:11

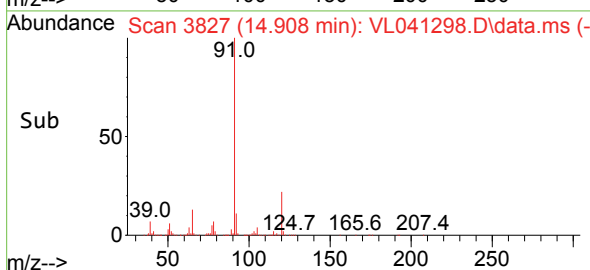
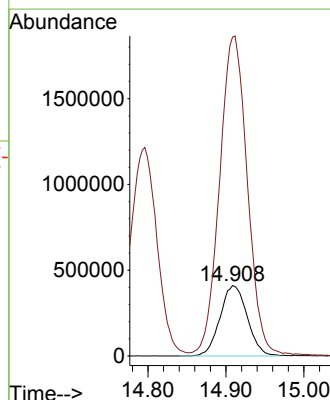
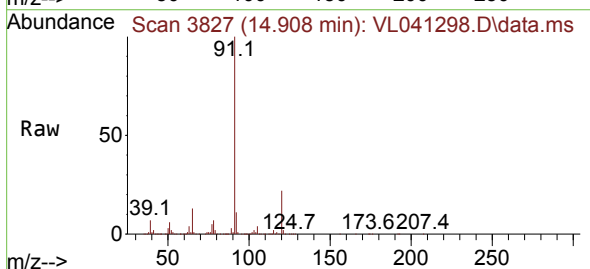
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

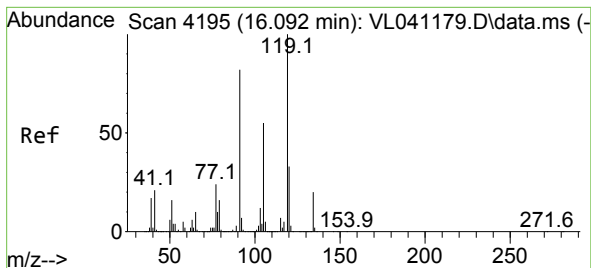
Tgt Ion: 83 Resp: 1786757
Ion Ratio Lower Upper
83 100
131 9.4 4.5 13.5
85 65.1 32.7 98.1



#64
n-propylbenzene
Concen: 7.821 ppbv
RT: 14.908 min Scan# 3827
Delta R.T. -0.022 min
Lab File: VL041298.D
Acq: 4 Jun 2024 9:11

Tgt Ion: 120 Resp: 995001
Ion Ratio Lower Upper
120 100
91 467.7 384.8 577.2

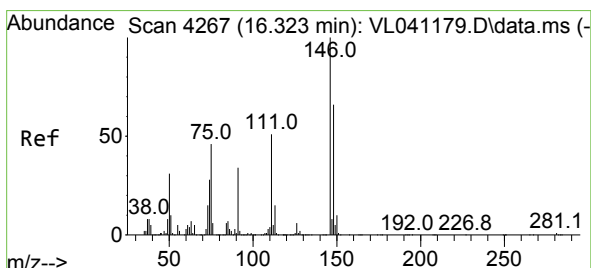
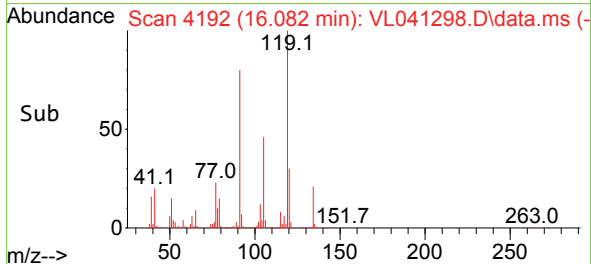
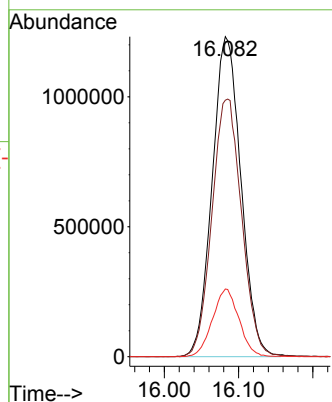
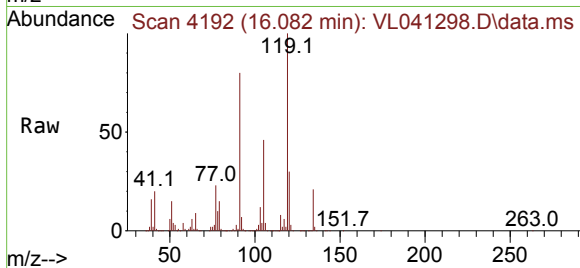




#65
tert-Butylbenzene
Concen: 7.249 ppbv
RT: 16.082 min Scan# 4195
Delta R.T. -0.019 min
Lab File: VL041298.D
Acq: 4 Jun 2024 9:11

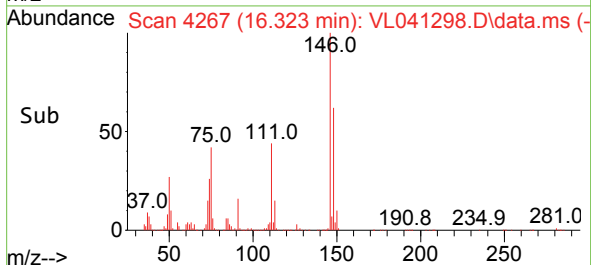
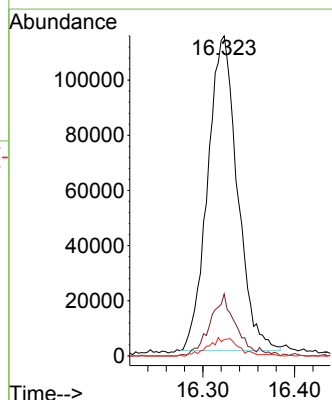
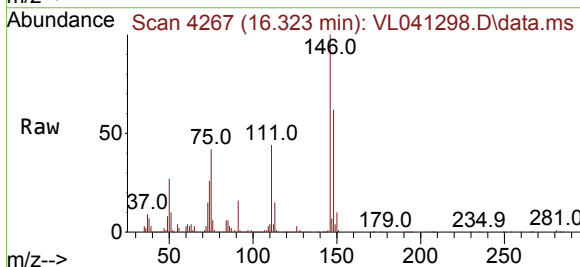
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

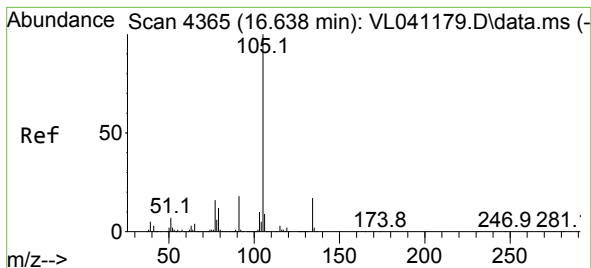
Tgt Ion:119 Resp: 3310807
Ion Ratio Lower Upper
119 100
91 83.1 67.0 100.4
134 19.6 15.2 22.8



#66
Benzyl Chloride
Concen: 4.979 ppbv
RT: 16.323 min Scan# 4267
Delta R.T. -0.022 min
Lab File: VL041298.D
Acq: 4 Jun 2024 9:11

Tgt Ion: 91 Resp: 257447
Ion Ratio Lower Upper
91 100
126 17.7 14.6 21.8
128 6.0 4.7 7.1





#67

sec-Butylbenzene

Concen: 7.305 ppbv

RT: 16.629 min Scan# 41

Delta R.T. -0.019 min

Lab File: VL041298.D

Acq: 4 Jun 2024 9:11

Instrument :

MSVOA_L

ClientSampleId :

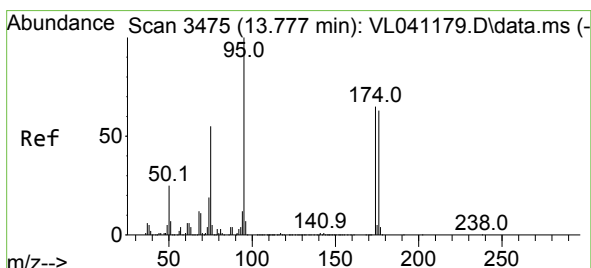
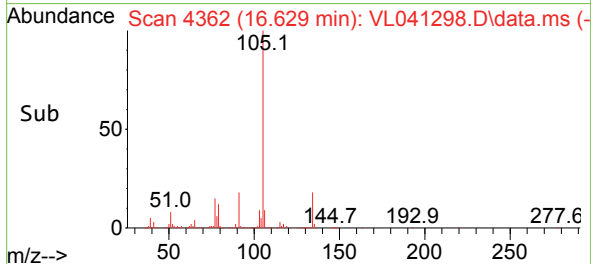
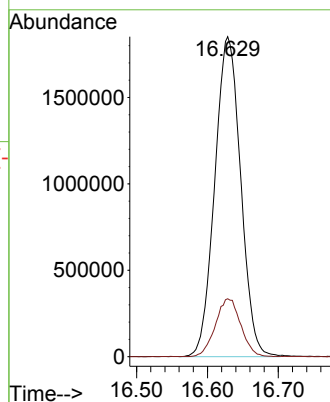
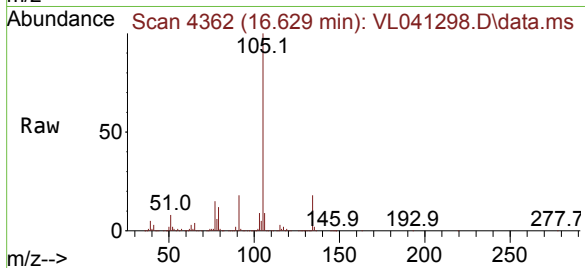
VSTDICCC010

Tgt Ion:105 Resp: 4696700

Ion Ratio Lower Upper

105 100

134 17.9 13.8 20.8



#68

1-Bromo-4-Fluorobenzene

Concen: 8.305 ppbv

RT: 13.770 min Scan# 3473

Delta R.T. -0.016 min

Lab File: VL041298.D

Acq: 4 Jun 2024 9:11

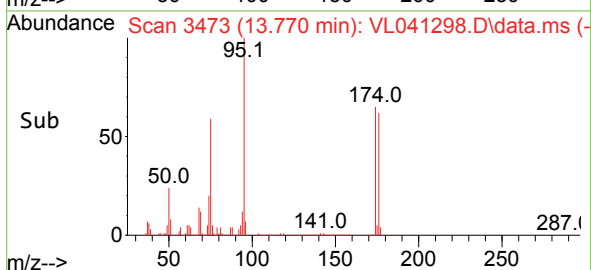
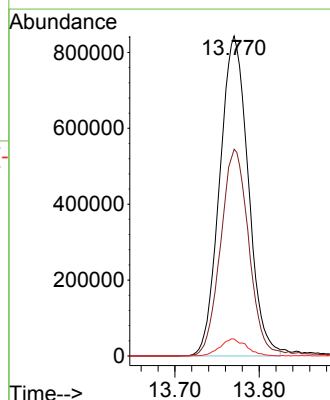
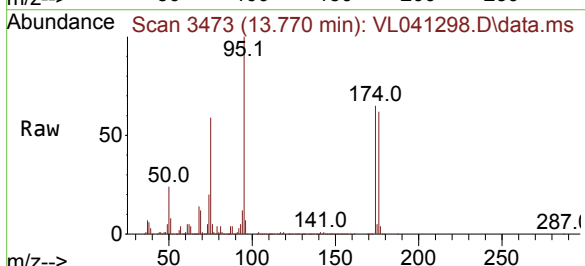
Tgt Ion: 95 Resp: 1978642

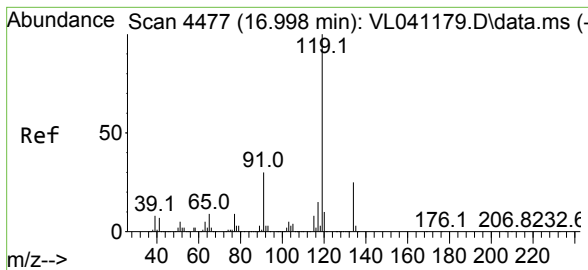
Ion Ratio Lower Upper

95 100

174 65.2 53.6 80.4

175 5.1 4.2 6.4

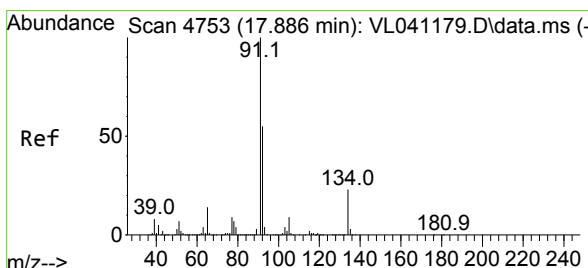
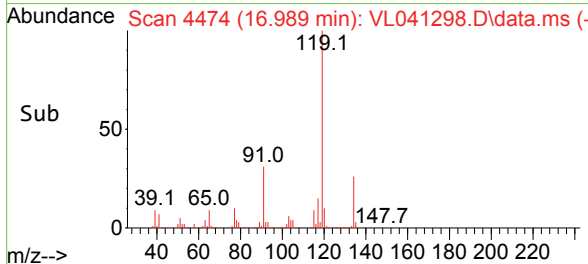
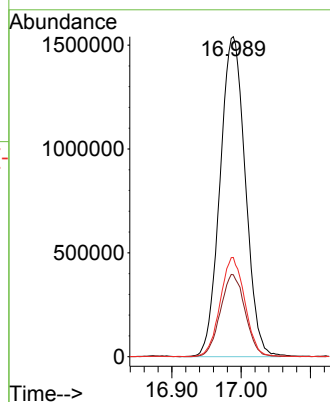
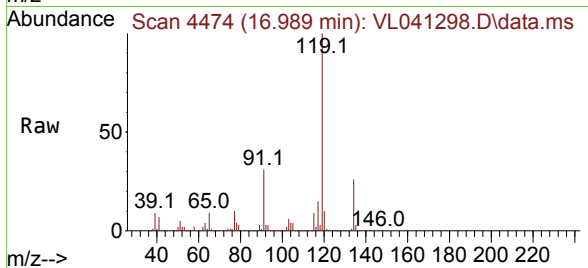




#69
p-Isopropyltoluene
Concen: 7.364 ppbv
RT: 16.989 min Scan# 4477
Delta R.T. -0.019 min
Lab File: VL041298.D
Acq: 4 Jun 2024 9:11

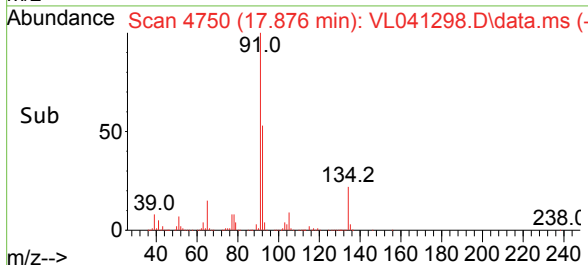
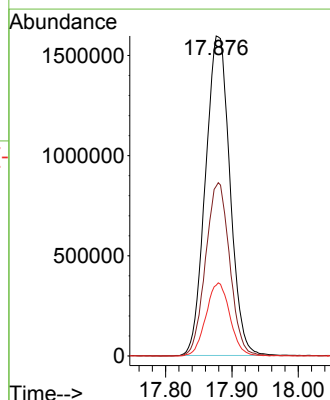
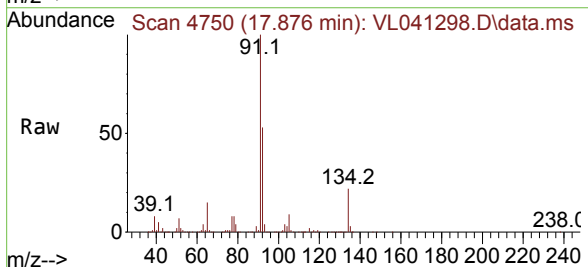
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

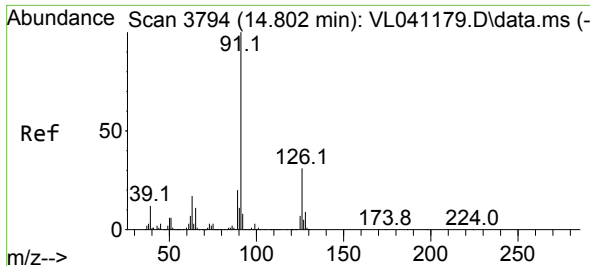
Tgt Ion:119 Resp: 3901704
Ion Ratio Lower Upper
119 100
134 25.1 20.1 30.1
91 30.1 24.2 36.2



#70
n-Butylbenzene
Concen: 7.386 ppbv
RT: 17.876 min Scan# 4750
Delta R.T. -0.022 min
Lab File: VL041298.D
Acq: 4 Jun 2024 9:11

Tgt Ion: 91 Resp: 4087151
Ion Ratio Lower Upper
91 100
92 53.6 43.3 64.9
134 22.4 17.8 26.8

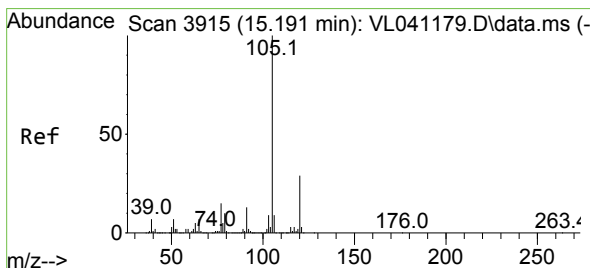
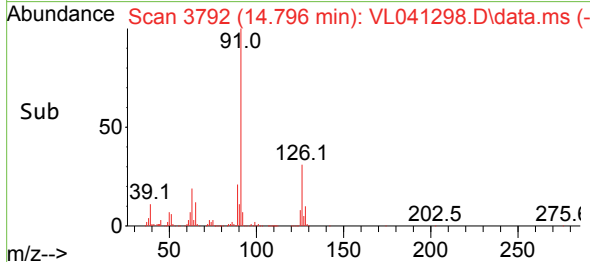
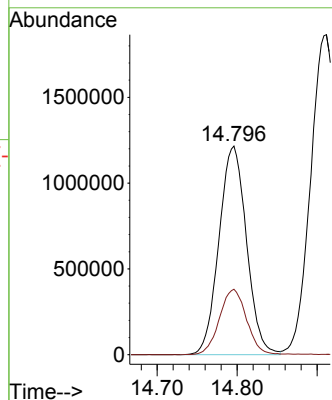
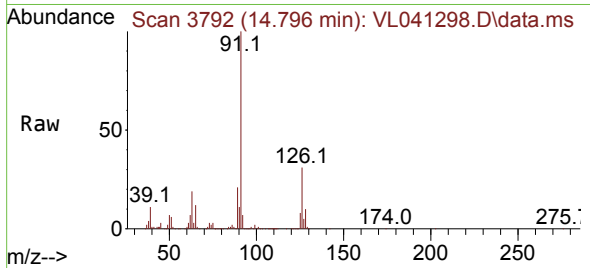




#71
2-Chlorotoluene
Concen: 7.483 ppbv
RT: 14.796 min Scan# 31
Delta R.T. -0.016 min
Lab File: VL041298.D
Acq: 4 Jun 2024 9:11

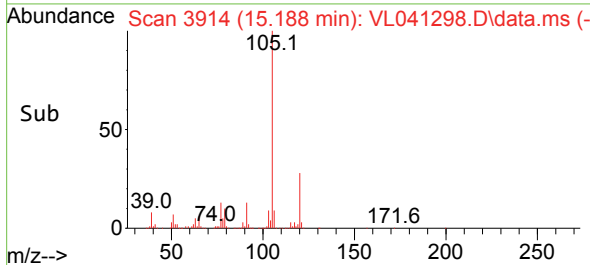
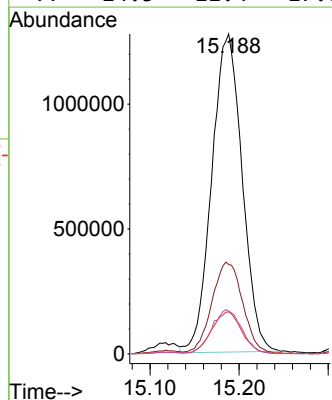
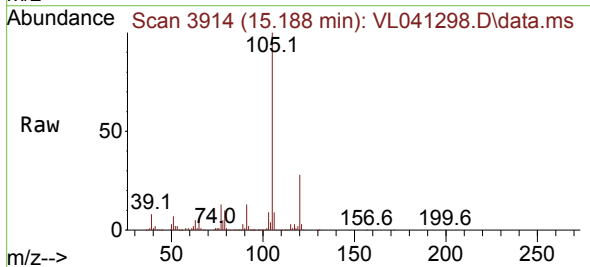
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

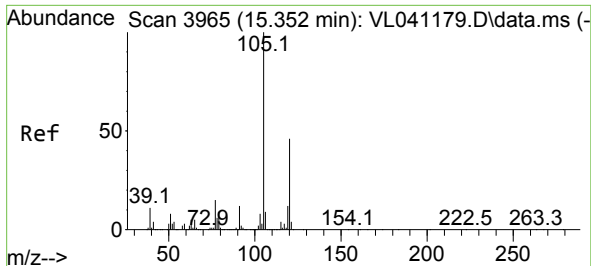
Tgt Ion: 91 Resp: 2905543
Ion Ratio Lower Upper
91 100
126 31.1 12.2 48.8



#72
4-Ethyltoluene
Concen: 7.820 ppbv
RT: 15.188 min Scan# 3914
Delta R.T. -0.019 min
Lab File: VL041298.D
Acq: 4 Jun 2024 9:11

Tgt Ion: 105 Resp: 3019826
Ion Ratio Lower Upper
105 100
120 29.6 24.7 37.1
91 13.3 10.3 15.5
77 14.5 11.4 17.0

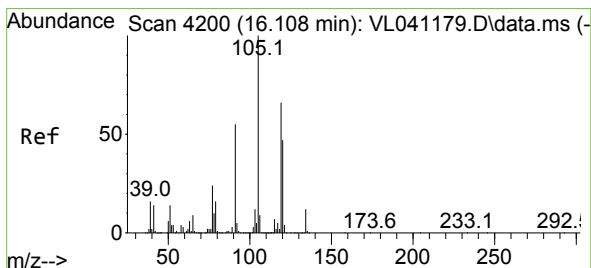
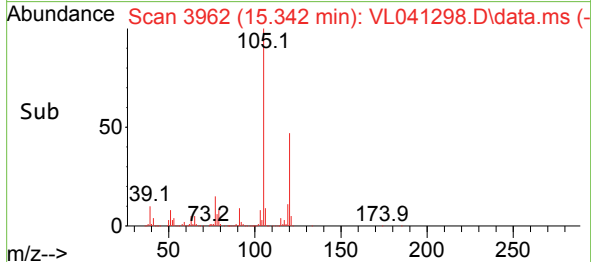
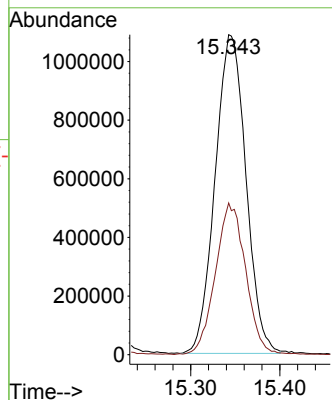
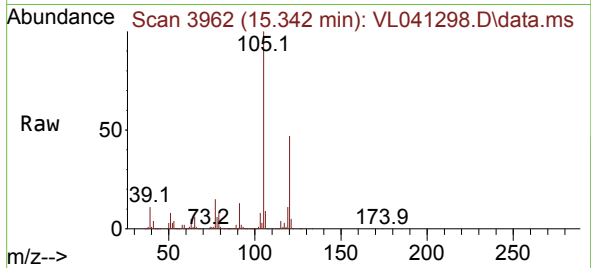




#73
1,3,5-Trimethylbenzene
Concen: 7.477 ppbv
RT: 15.342 min Scan# 3965
Delta R.T. -0.022 min
Lab File: VL041298.D
Acq: 4 Jun 2024 9:11

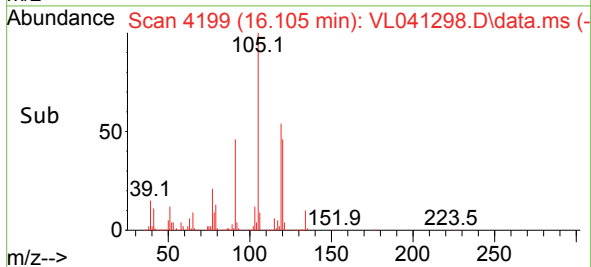
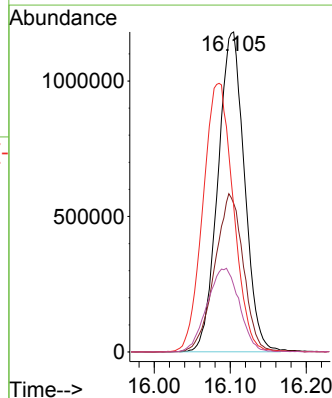
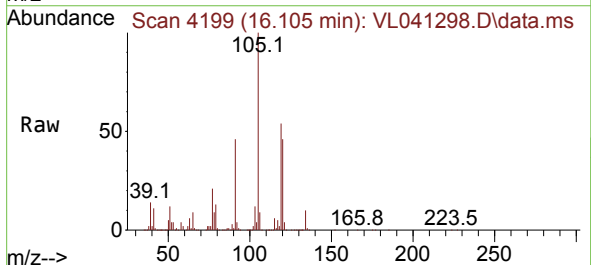
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

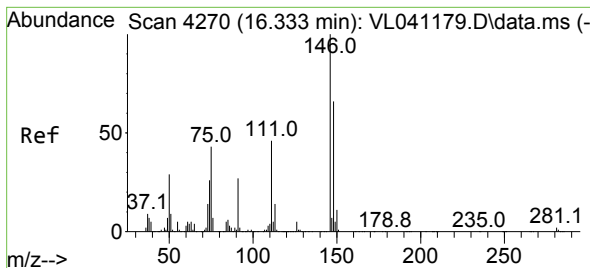
Tgt Ion:105 Resp: 2612307
Ion Ratio Lower Upper
105 100
120 47.3 37.0 55.4



#74
1,2,4-Trimethylbenzene
Concen: 7.493 ppbv
RT: 16.105 min Scan# 4199
Delta R.T. -0.016 min
Lab File: VL041298.D
Acq: 4 Jun 2024 9:11

Tgt Ion:105 Resp: 2859255
Ion Ratio Lower Upper
105 100
120 46.3 37.8 56.6
91 45.3 44.3 66.5
77 20.7 19.0 28.4

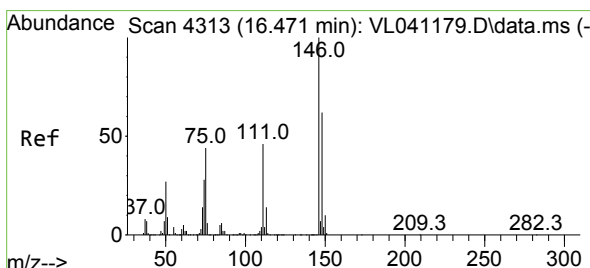
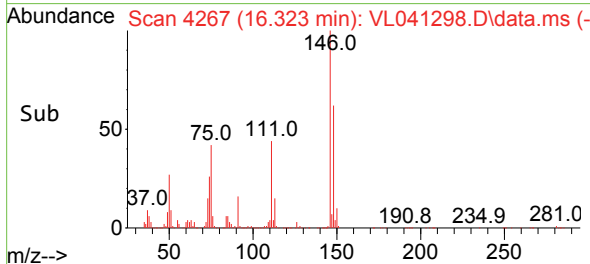
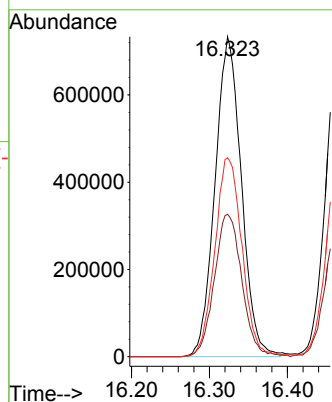
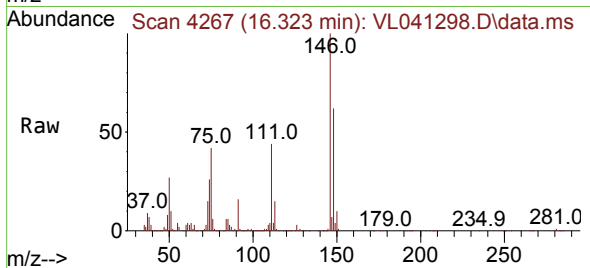




#75
1,3-Dichlorobenzene
Concen: 7.871 ppbv
RT: 16.323 min Scan# 41
Delta R.T. -0.019 min
Lab File: VL041298.D
Acq: 4 Jun 2024 9:11

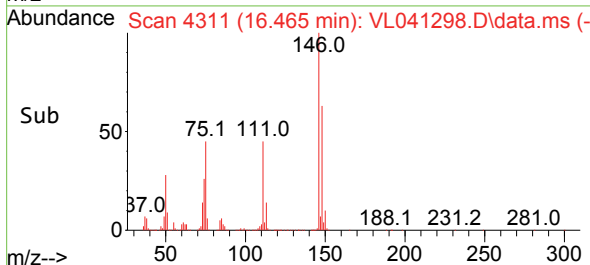
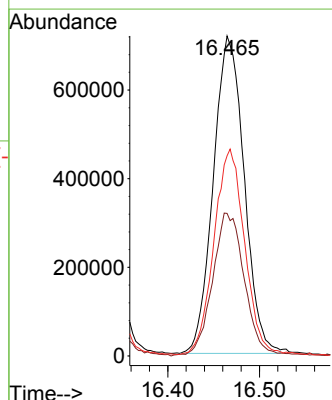
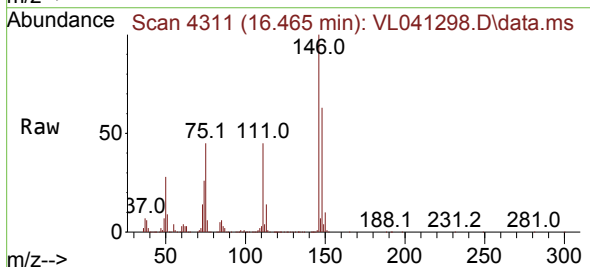
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

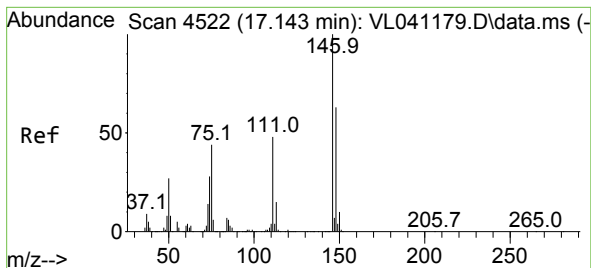
Tgt Ion:146 Resp: 1722261
Ion Ratio Lower Upper
146 100
111 46.5 23.7 71.1
148 64.4 32.5 97.4



#76
1,4-Dichlorobenzene
Concen: 7.943 ppbv
RT: 16.465 min Scan# 4311
Delta R.T. -0.019 min
Lab File: VL041298.D
Acq: 4 Jun 2024 9:11

Tgt Ion:146 Resp: 1671398
Ion Ratio Lower Upper
146 100
111 46.6 23.3 69.8
148 65.7 32.6 97.7





#77

1,2-Dichlorobenzene

Concen: 7.621 ppbv

RT: 17.137 min Scan# 4522

Delta R.T. -0.022 min

Lab File: VL041298.D

Acq: 4 Jun 2024 9:11

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

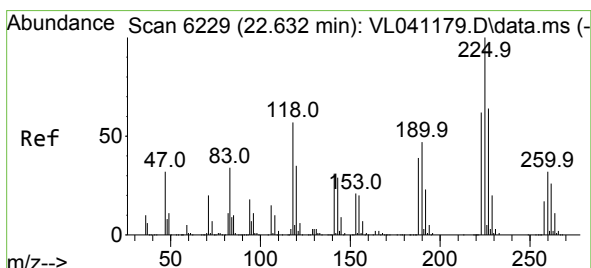
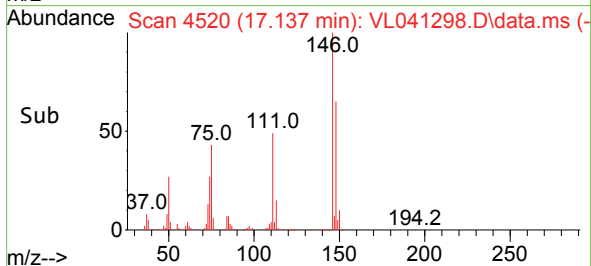
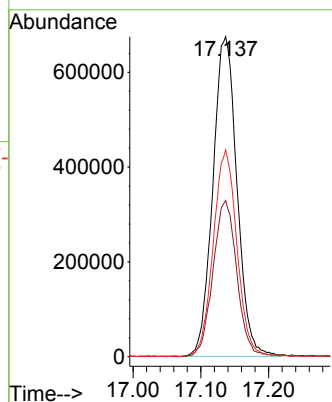
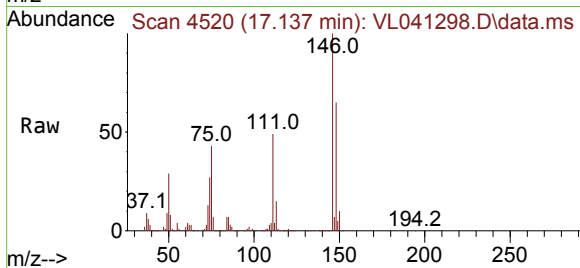
Tgt Ion:146 Resp: 1666911

Ion Ratio Lower Upper

146 100

111 48.6 24.5 73.5

148 64.0 32.6 98.0



#78

Hexachloro-1,3-Butadiene

Concen: 6.212 ppbv

RT: 22.625 min Scan# 6227

Delta R.T. -0.022 min

Lab File: VL041298.D

Acq: 4 Jun 2024 9:11

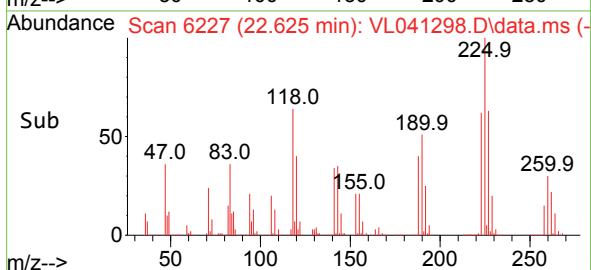
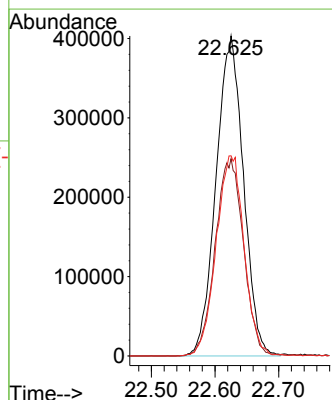
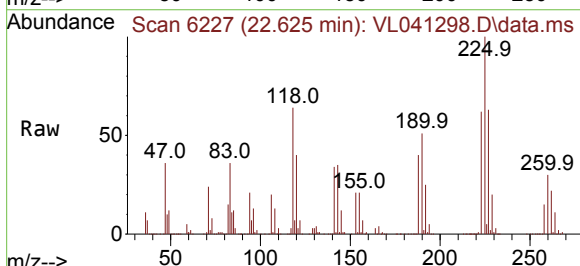
Tgt Ion:225 Resp: 1207700

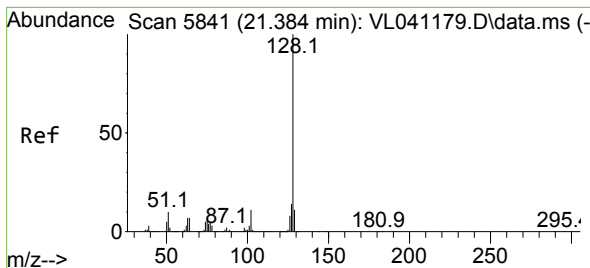
Ion Ratio Lower Upper

225 100

223 63.8 50.9 76.3

227 63.9 52.0 78.0





#79

Naphthalene

Concen: 8.459 ppbv

RT: 21.371 min Scan# 5837

Delta R.T. -0.029 min

Lab File: VL041298.D

Acq: 4 Jun 2024 9:11

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

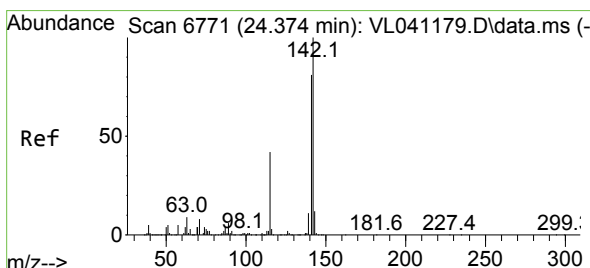
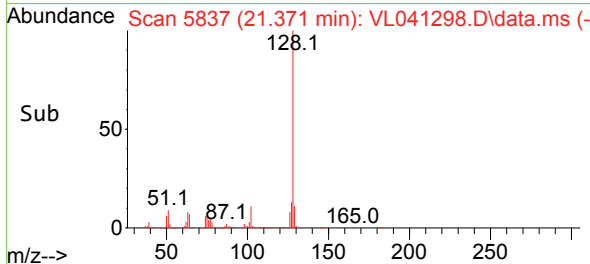
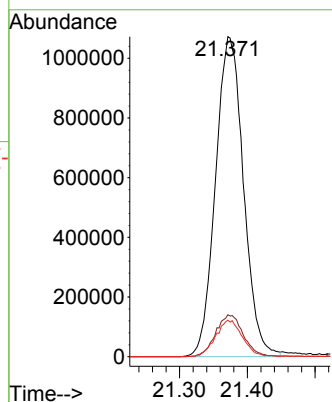
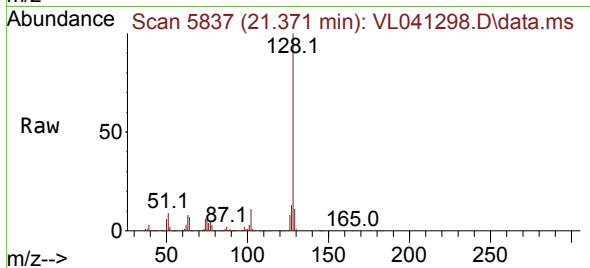
Tgt Ion:128 Resp: 3074007

Ion Ratio Lower Upper

128 100

127 13.1 10.8 16.2

129 11.4 8.9 13.3



#80

Naphthalene,2-methyl-

Concen: 7.215 ppbv

RT: 24.365 min Scan# 6768

Delta R.T. -0.022 min

Lab File: VL041298.D

Acq: 4 Jun 2024 9:11

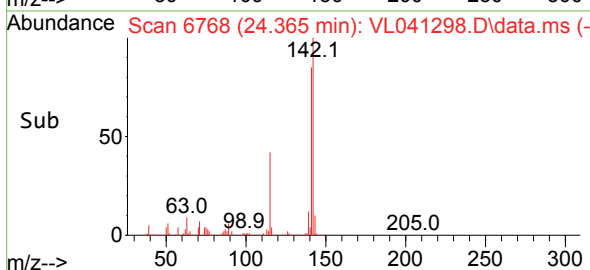
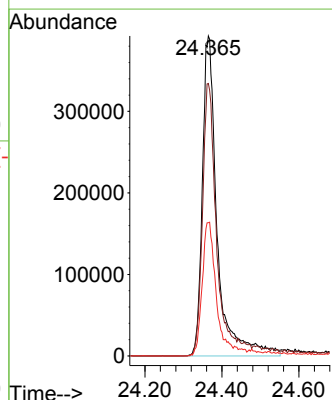
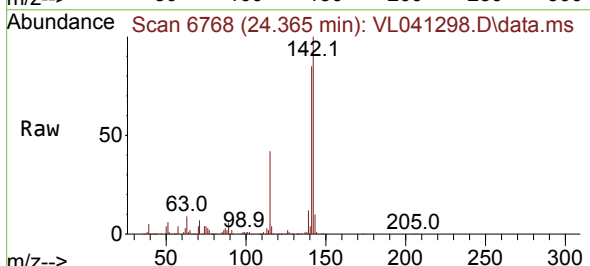
Tgt Ion:142 Resp: 1054655

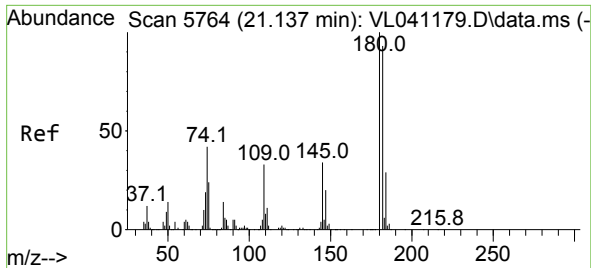
Ion Ratio Lower Upper

142 100

141 85.6 67.9 101.9

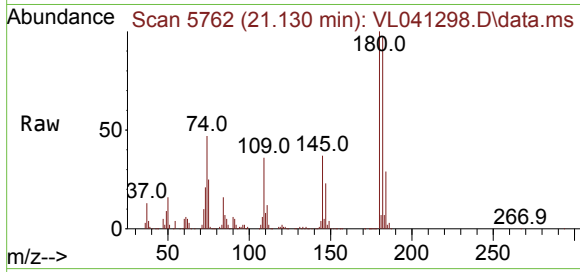
115 40.8 31.4 47.0





#81
 1,2,4-Trichlorobenzene
 Concen: 4.405 ppbv
 RT: 21.130 min Scan# 51
 Delta R.T. -0.022 min
 Lab File: VL041298.D
 Acq: 4 Jun 2024 9:11

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



Tgt Ion:180 Resp: 845261
 Ion Ratio Lower Upper
 180 100
 182 165.2 77.2 115.8#
 184 0.0 24.6 36.8#

