

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060424\
 Data File : VL041304.D
 Acq On : 4 Jun 2024 13:09
 Operator : SY/MD
 Sample : VSTDIC015
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

Quant Time: Jun 05 04:15:52 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	5.201	49	994380	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.661	114	2630300	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	2561113	10.000	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.770 95 2012311 10.408 ppbv -0.02
 Spiked Amount 10.000 Range 65 - 135 Recovery = 104.100%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.758	85	1812269	13.473	ppbv	96
3) Chlorodifluoromethane	2.703	51	2090635	13.843	ppbv	98
4) Chloromethane	2.841	50	788148	13.300	ppbv	94
5) Vinyl Chloride	2.947	62	840502	14.118	ppbv	99
6) Bromomethane	3.144	94	294194	13.544	ppbv	94
7) Chloroethane	3.221	64	281301	13.383	ppbv	98
8) Dichlorotetrafluoroethane	2.883	85	1944400	13.966	ppbv	98
9) Propene	2.722	41	751404	12.713	ppbv	99
10) Heptane	7.584	43	1835936	12.821	ppbv	98
11) Trichlorofluoromethane	3.584	101	2000084	14.631	ppbv	97
12) 1,1,2-Trichlorotrifluo...	4.082	101	1398443	13.834	ppbv	99
13) Ethanol	3.259	45	165070	12.459	ppbv	97
14) Bromoethene	3.388	108	581872	13.947	ppbv	97
15) Acetone	3.488	43	1523812	12.985	ppbv	98
16) 1,3-Butadiene	3.012	39	849547	14.341	ppbv	97
17) tert-Butyl alcohol	3.896	59	1354025	10.696	ppbv	99
18) 1,1-Dichloroethene	3.899	96	640776	14.216	ppbv	96
19) Isopropyl Alcohol	3.594	45	959134	12.455	ppbv #	44
20) Methylene Chloride	3.951	84	532187	13.041	ppbv	94
21) Allyl Chloride	4.015	41	1011416	13.218	ppbv	97
22) trans-1,2-Dichloroethene	4.459	96	656889	14.014	ppbv	98
23) Vinyl Acetate	4.639	43	1790146	13.853	ppbv #	98
24) 1,1-Dichloroethane	4.578	63	1411880	14.051	ppbv	99
25) Ethyl Acetate	5.214	43	3071051	13.111	ppbv	100
26) Hexane	5.224	57	1329723	12.721	ppbv	99
27) Carbon Disulfide	4.140	76	1698403	13.726	ppbv	98
28) Methyl tert-Butyl Ether	4.597	73	1009786	12.132	ppbv	99
29) Chloroform	5.288	83	2103783	14.589	ppbv	99
30) Cyclohexane	6.607	84	1142744	13.810	ppbv	96
31) cis-1,2-Dichloroethene	5.092	61	1384800	14.151	ppbv	96
32) 1,1,1-Trichloroethane	6.012	97	2129560	14.800	ppbv	98
34) 2-Butanone	4.800	43	1882947	14.065	ppbv	100
35) Carbon Tetrachloride	6.500	117	2209494	14.968	ppbv	97
36) Benzene	6.378	78	2823055	12.790	ppbv	99
37) 1,2-Dichloroethane	5.819	62	1683004	14.613	ppbv	99
38) Trichloroethene	7.298	130	1120719	13.625	ppbv	98
39) 1,2-Dichloropropane	7.082	63	1105656	12.998	ppbv	97
40) 1,4-Dioxane	7.288	88	403440	13.275	ppbv	100
41) Tetrahydrofuran	5.565	42	1201333	12.396	ppbv	99
42) Bromodichloromethane	7.256	83	2396659	14.510	ppbv	98
43) Methyl Methacrylate	7.481	69	1183863	13.260	ppbv	99
44) 2,2,4-Trimethylpentane	7.333	57	4710690	12.377	ppbv	100
45) t-1,3-Dichloropropene	8.713	75	898666	13.891	ppbv	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060424\
 Data File : VL041304.D
 Acq On : 4 Jun 2024 13:09
 Operator : SY/MD
 Sample : VSTDIC015
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

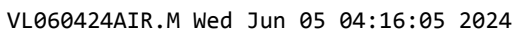
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

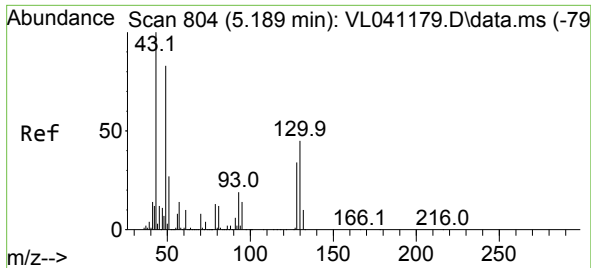
Quant Time: Jun 05 04:15:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060424AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri May 24 23:11:50 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.143	75	1071114	13.524	ppbv	98
47) 1,1,2-Trichloroethane	8.899	97	1177491	13.829	ppbv	98
48) Dibromochloromethane	9.713	129	2050056	15.111	ppbv	100
49) Bromoform	12.407	173	1707163	14.792	ppbv	99
50) 4-Methyl-2-Pentanone	8.182	43	3028079	12.604	ppbv	100
51) 2-Hexanone	9.549	43	2229986	12.513	ppbv #	99
52) Tetrachloroethene	10.616	164	1041207	13.421	ppbv	97
53) Toluene	9.224	91	3365320	13.149	ppbv	99
54) 1,2-Dibromoethane	10.012	107	1673261	14.509	ppbv	97
56) 1,1,1,2-Tetrachloroethane	11.507	131	1475694	14.210	ppbv	96
57) Chlorobenzene	11.526	112	2512568	13.396	ppbv	97
58) Ethyl Benzene	12.085	91	4501916	12.820	ppbv	98
59) m/p-Xylene	12.372	91	4461425	15.116	ppbv #	51
60) o-Xylene	13.056	91	3575183	12.922	ppbv	98
61) Styrene	12.896	104	1986499	13.592	ppbv	99
62) Isopropylbenzene	14.027	105	5372373	12.982	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.044	83	2527715	13.404	ppbv	100
64) n-propylbenzene	14.912	120	1417869	13.733	ppbv	96
65) tert-Butylbenzene	16.088	119	4693989	12.664	ppbv	99
66) Benzyl Chloride	16.323	91	427958	10.200	ppbv	97
67) sec-Butylbenzene	16.629	105	6661169	12.767	ppbv	98
69) p-Isopropyltoluene	16.992	119	5569510	12.953	ppbv	99
70) n-Butylbenzene	17.879	91	5874661	13.082	ppbv	99
71) 2-Chlorotoluene	14.796	91	4131301	13.112	ppbv	98
72) 4-Ethyltoluene	15.188	105	4349069	13.878	ppbv	99
73) 1,3,5-Trimethylbenzene	15.346	105	3747510	13.217	ppbv	99
74) 1,2,4-Trimethylbenzene	16.105	105	4088982	13.204	ppbv	98
75) 1,3-Dichlorobenzene	16.330	146	2483511	13.986	ppbv	99
76) 1,4-Dichlorobenzene	16.471	146	2487654	14.568	ppbv	99
77) 1,2-Dichlorobenzene	17.140	146	2410095	13.578	ppbv	99
78) Hexachloro-1,3-Butadiene	22.625	225	1790598	11.350	ppbv	99
79) Naphthalene	21.374	128	4562881	15.473	ppbv	100
80) Naphthalene,2-methyl-	24.368	142	1727997	14.566	ppbv	96
81) 1,2,4-Trichlorobenzene	21.133	180	2141377	13.752	ppbv	99

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

Quant Time: Jun 05 04:15:52 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060424AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Fri May 24 23:11:50 2024
Response via : Initial Calibration

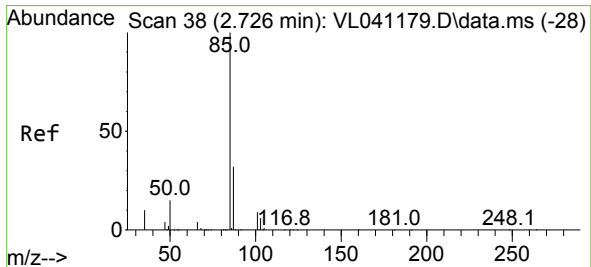
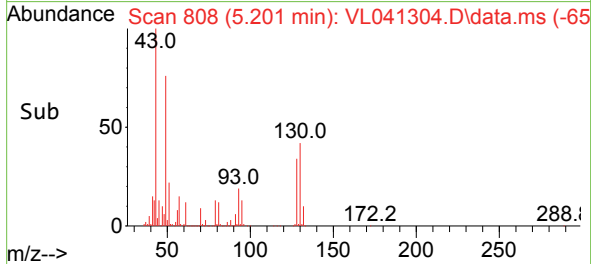
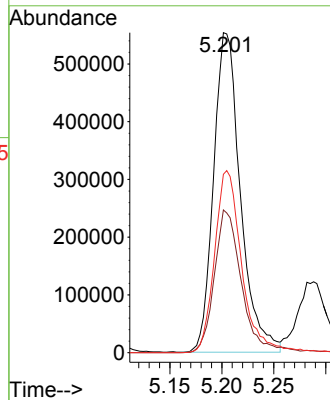
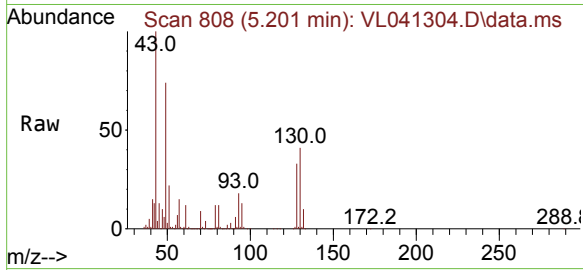




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.201 min Scan# 80
Delta R.T. -0.004 min
Lab File: VL041304.D
Acq: 4 Jun 2024 13:09

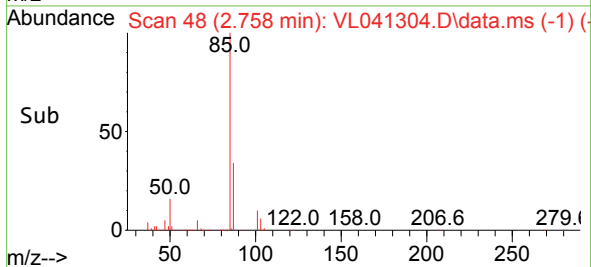
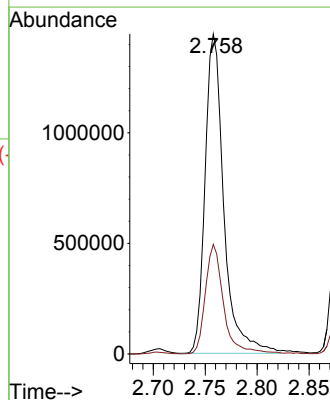
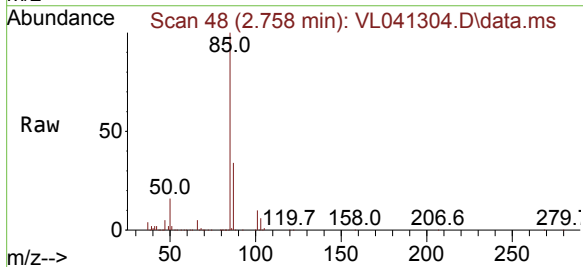
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

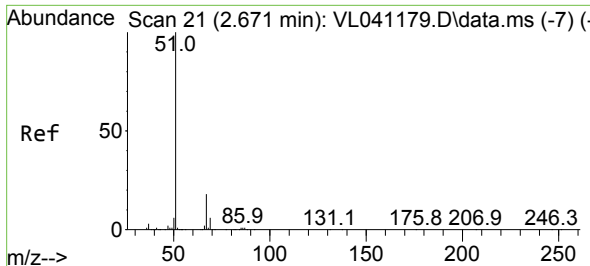
Tgt Ion: 49 Resp: 994380
Ion Ratio Lower Upper
49 100
128 45.6 21.5 64.5
130 58.6 27.2 81.6



#2
Dichlorodifluoromethane
Concen: 13.473 ppbv
RT: 2.758 min Scan# 48
Delta R.T. 0.013 min
Lab File: VL041304.D
Acq: 4 Jun 2024 13:09

Tgt Ion: 85 Resp: 1812269
Ion Ratio Lower Upper
85 100
87 34.2 25.7 38.5

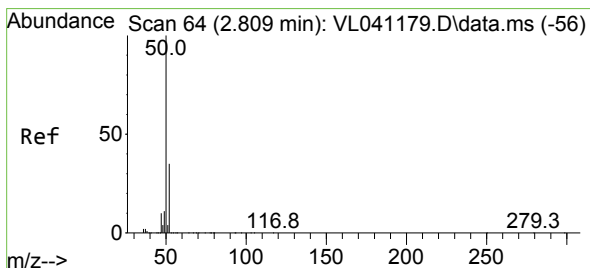
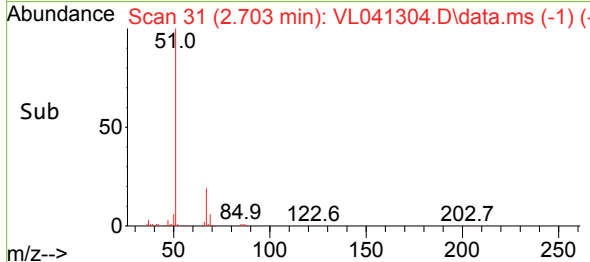
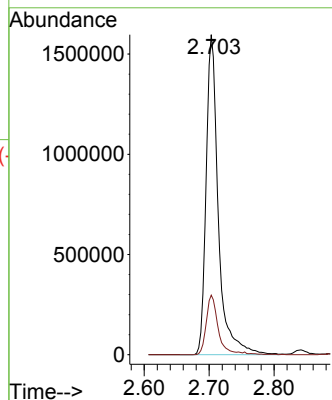
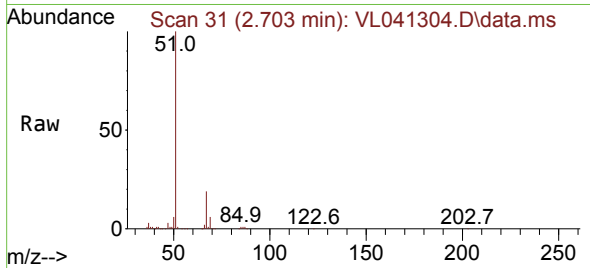




#3
Chlorodifluoromethane
Concen: 13.843 ppbv
RT: 2.703 min Scan# 31
Delta R.T. 0.013 min
Lab File: VL041304.D
Acq: 4 Jun 2024 13:09

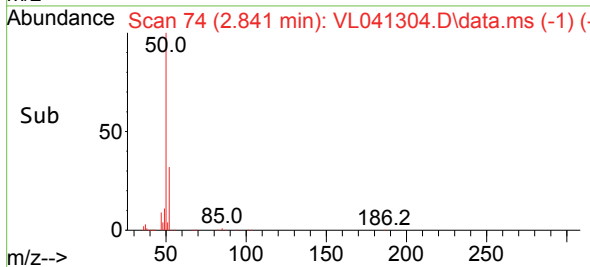
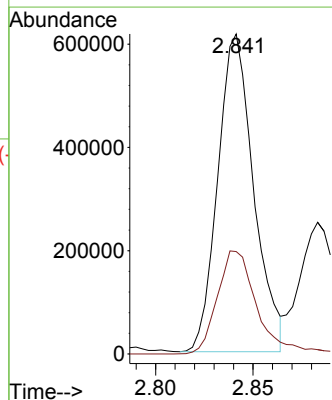
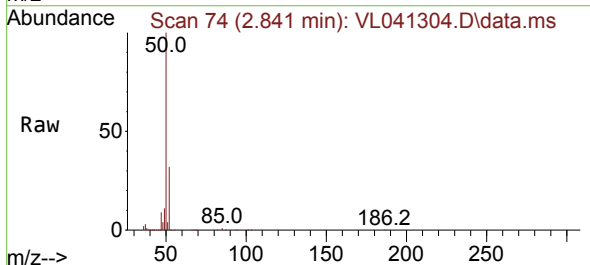
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

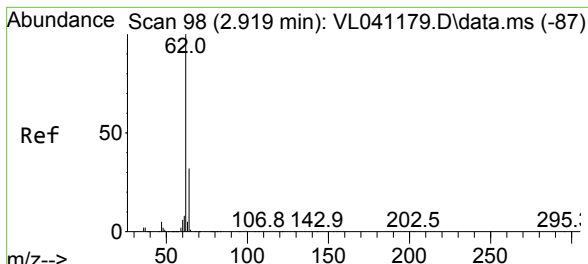
Tgt Ion: 51 Resp: 2090635
Ion Ratio Lower Upper
51 100
67 18.6 14.0 21.0



#4
Chloromethane
Concen: 13.300 ppbv
RT: 2.841 min Scan# 74
Delta R.T. 0.013 min
Lab File: VL041304.D
Acq: 4 Jun 2024 13:09

Tgt Ion: 50 Resp: 788148
Ion Ratio Lower Upper
50 100
52 32.2 28.3 42.5

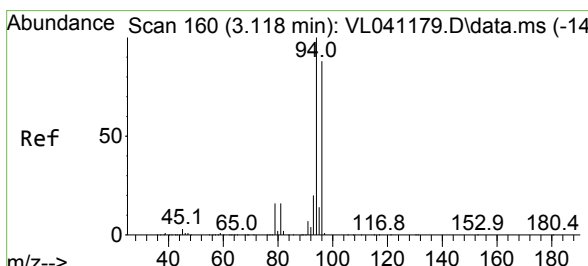
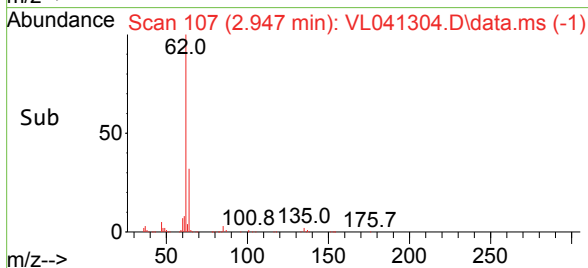
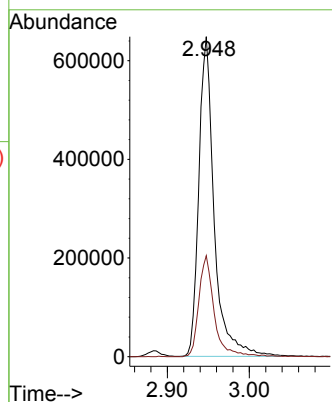
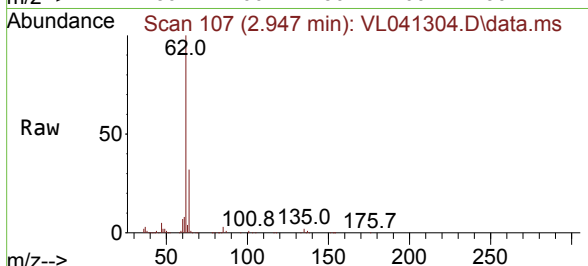




#5
 Vinyl Chloride
 Concen: 14.118 ppbv
 RT: 2.947 min Scan# 107
 Delta R.T. 0.013 min
 Lab File: VL041304.D
 Acq: 4 Jun 2024 13:09

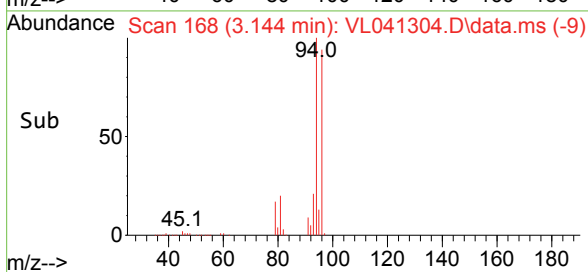
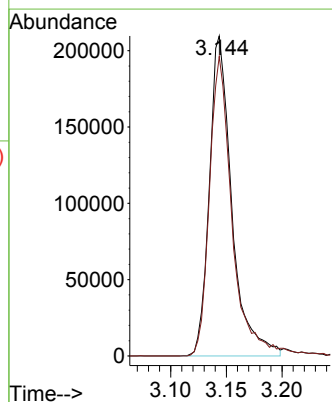
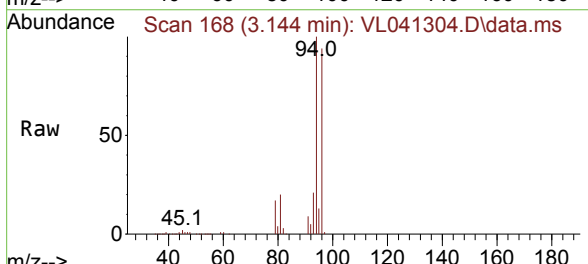
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

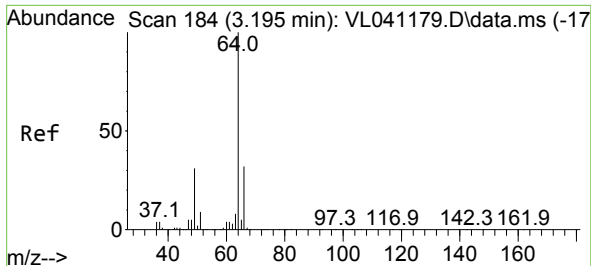
Tgt Ion: 62 Resp: 840502
 Ion Ratio Lower Upper
 62 100
 64 31.6 25.7 38.5



#6
 Bromomethane
 Concen: 13.544 ppbv
 RT: 3.144 min Scan# 168
 Delta R.T. 0.010 min
 Lab File: VL041304.D
 Acq: 4 Jun 2024 13:09

Tgt Ion: 94 Resp: 294194
 Ion Ratio Lower Upper
 94 100
 96 93.6 70.1 105.1

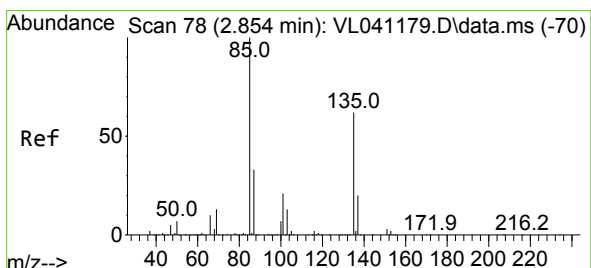
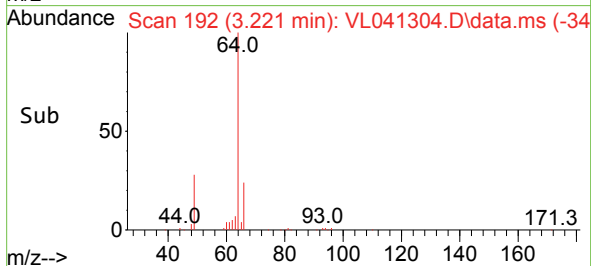
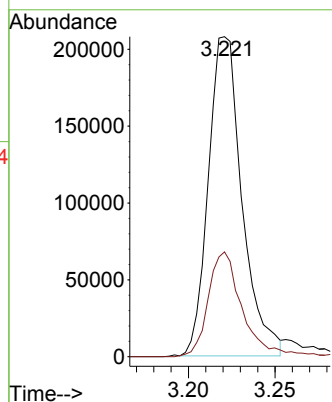
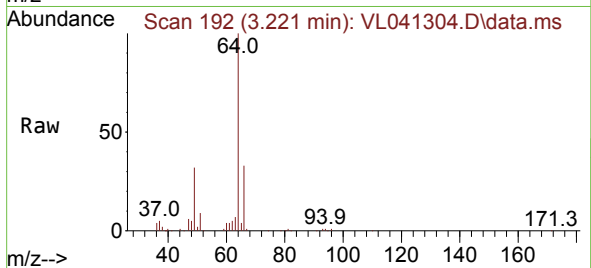




#7
Chloroethane
Concen: 13.383 ppbv
RT: 3.221 min Scan# 192
Delta R.T. 0.006 min
Lab File: VL041304.D
Acq: 4 Jun 2024 13:09

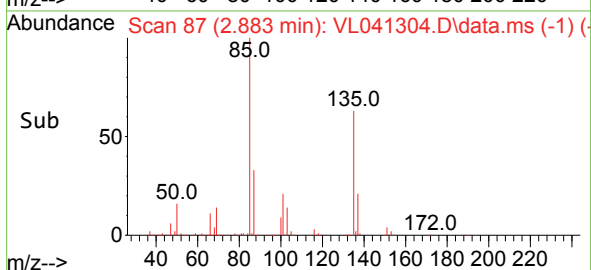
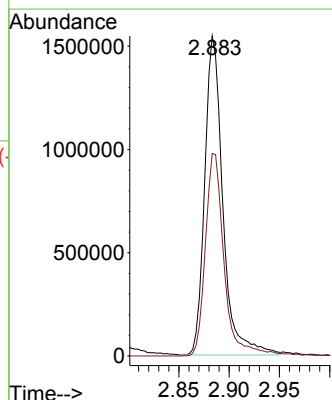
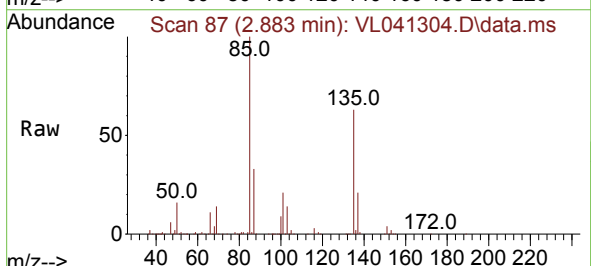
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

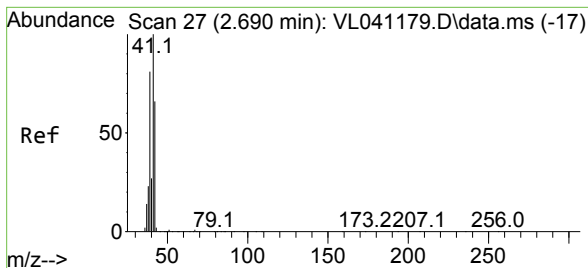
Tgt Ion: 64 Resp: 281301
Ion Ratio Lower Upper
64 100
66 32.7 25.4 38.2



#8
Dichlorotetrafluoroethane
Concen: 13.966 ppbv
RT: 2.883 min Scan# 87
Delta R.T. 0.010 min
Lab File: VL041304.D
Acq: 4 Jun 2024 13:09

Tgt Ion: 85 Resp: 1944400
Ion Ratio Lower Upper
85 100
135 66.1 51.5 77.3

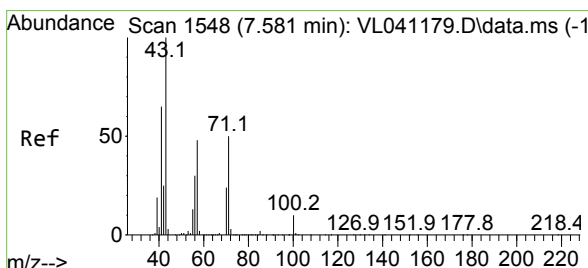
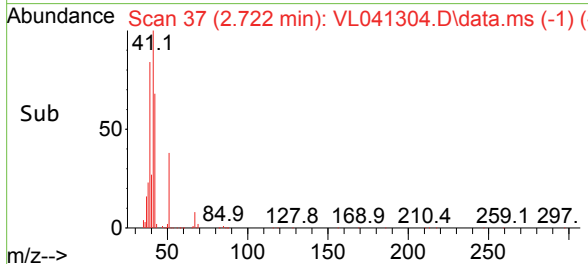
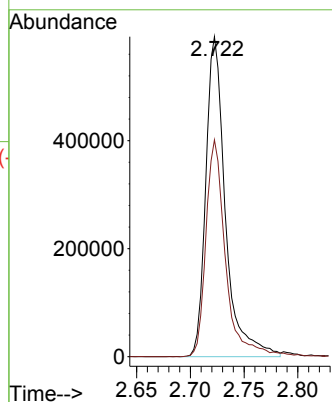
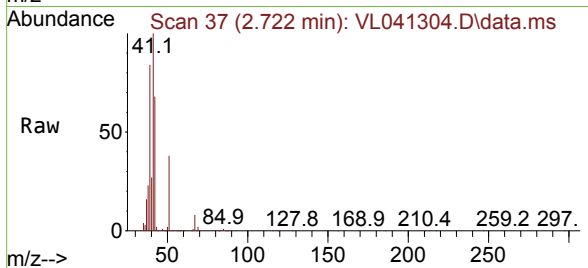




#9
Propene
Concen: 12.713 ppbv
RT: 2.722 min Scan# 31
Delta R.T. 0.013 min
Lab File: VL041304.D
Acq: 4 Jun 2024 13:09

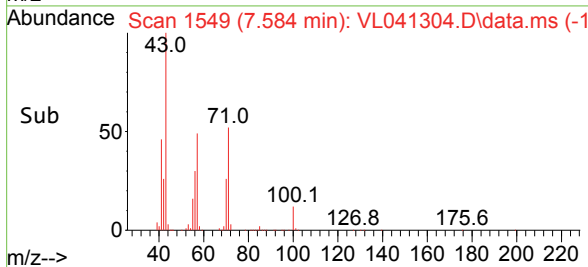
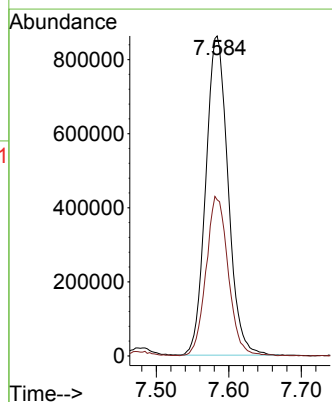
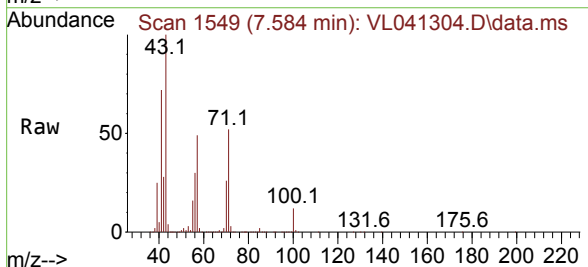
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

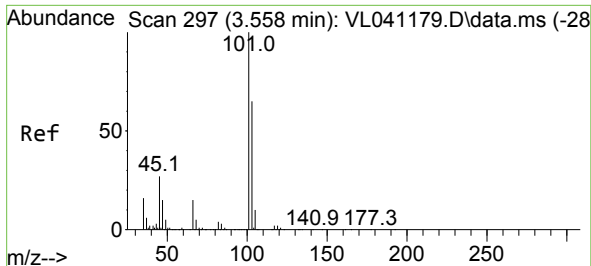
Tgt Ion: 41 Resp: 751404
Ion Ratio Lower Upper
41 100
42 68.6 55.3 82.9



#10
Heptane
Concen: 12.821 ppbv
RT: 7.584 min Scan# 1549
Delta R.T. -0.013 min
Lab File: VL041304.D
Acq: 4 Jun 2024 13:09

Tgt Ion: 43 Resp: 1835936
Ion Ratio Lower Upper
43 100
57 50.0 38.7 58.1

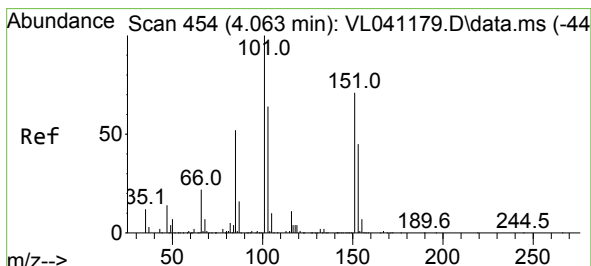
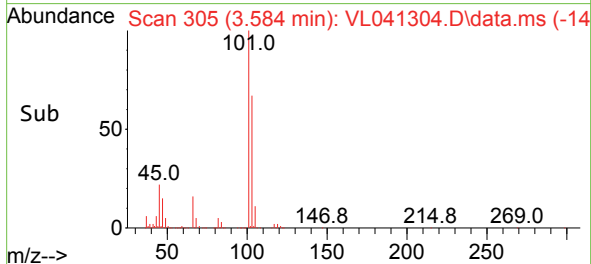
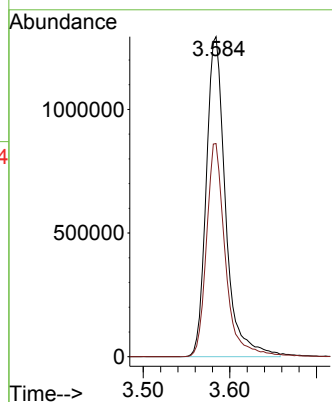
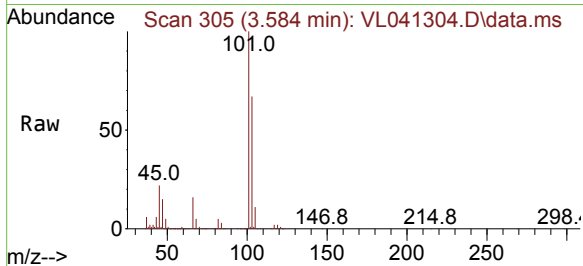




#11
 Trichlorofluoromethane
 Concen: 14.631 ppbv
 RT: 3.584 min Scan# 305
 Delta R.T. 0.006 min
 Lab File: VL041304.D
 Acq: 4 Jun 2024 13:09

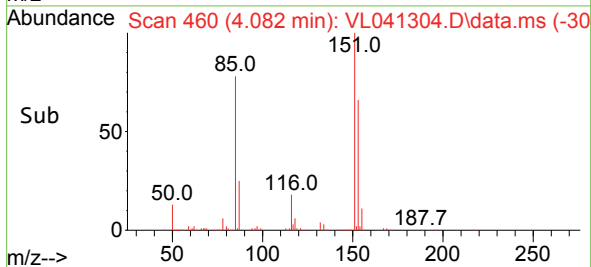
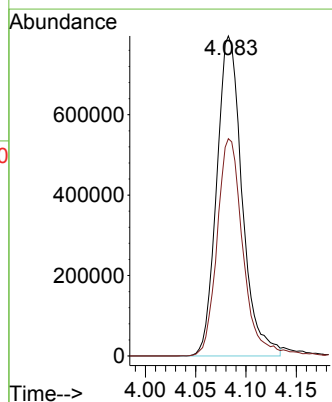
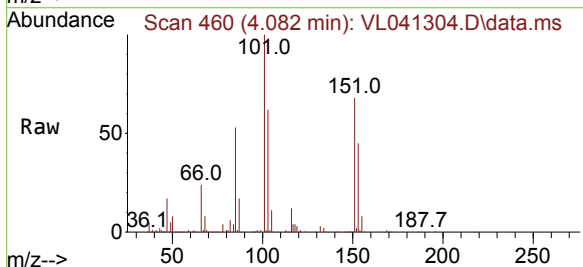
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

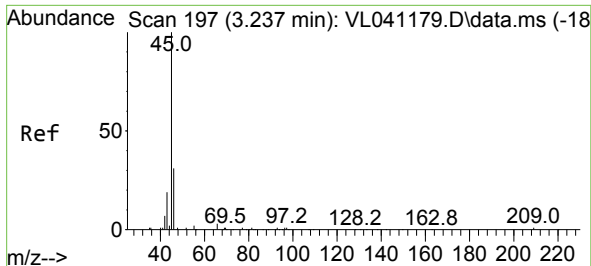
Tgt Ion:101 Resp: 2000084
 Ion Ratio Lower Upper
 101 100
 103 66.6 51.6 77.4



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 13.834 ppbv
 RT: 4.082 min Scan# 460
 Delta R.T. 0.003 min
 Lab File: VL041304.D
 Acq: 4 Jun 2024 13:09

Tgt Ion:101 Resp: 1398443
 Ion Ratio Lower Upper
 101 100
 151 69.9 56.8 85.2

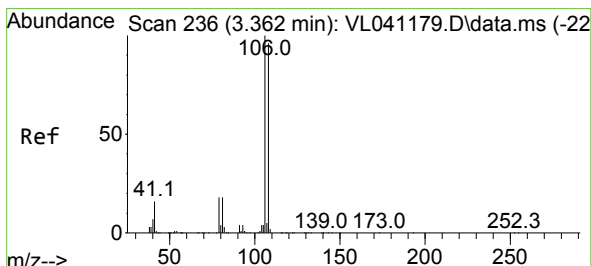
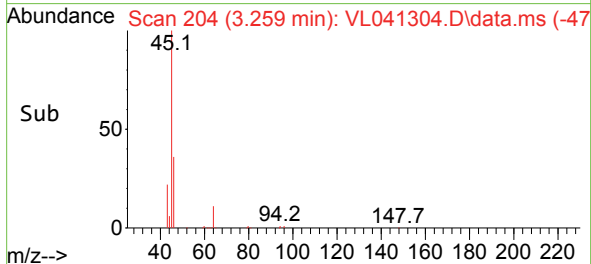
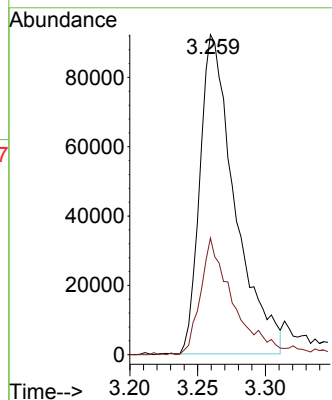
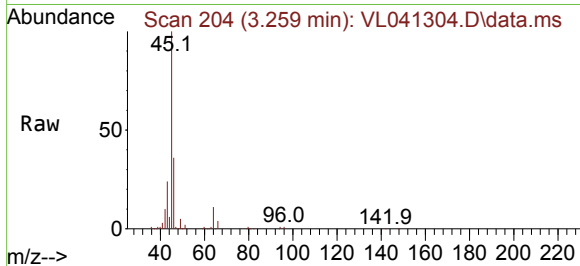




#13
Ethanol
Concen: 12.459 ppbv
RT: 3.259 min Scan# 204
Delta R.T. 0.003 min
Lab File: VL041304.D
Acq: 4 Jun 2024 13:09

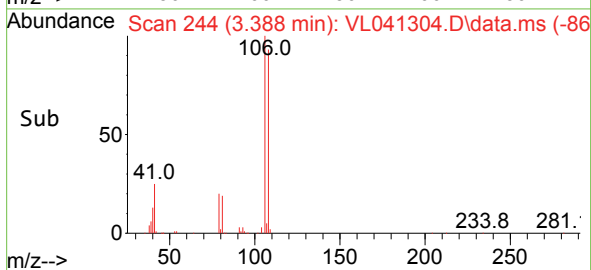
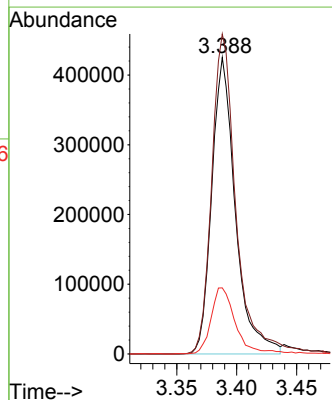
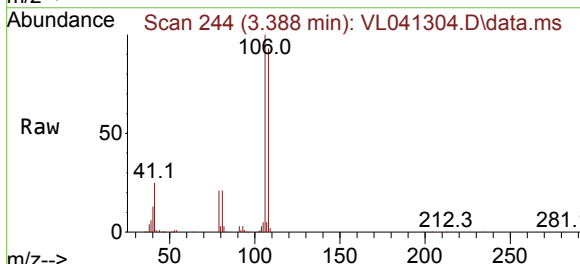
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

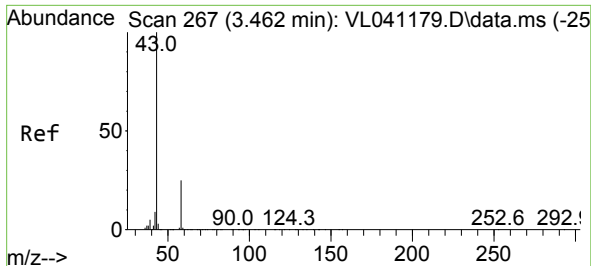
Tgt Ion: 45 Resp: 165070
Ion Ratio Lower Upper
45 100
46 35.1 14.8 59.0



#14
Bromoethene
Concen: 13.947 ppbv
RT: 3.388 min Scan# 244
Delta R.T. 0.006 min
Lab File: VL041304.D
Acq: 4 Jun 2024 13:09

Tgt Ion:108 Resp: 581872
Ion Ratio Lower Upper
108 100
106 112.8 88.2 132.4
79 23.6 17.4 26.0

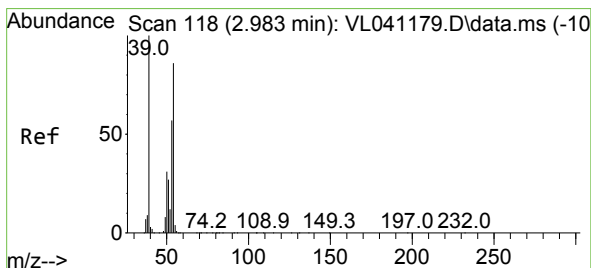
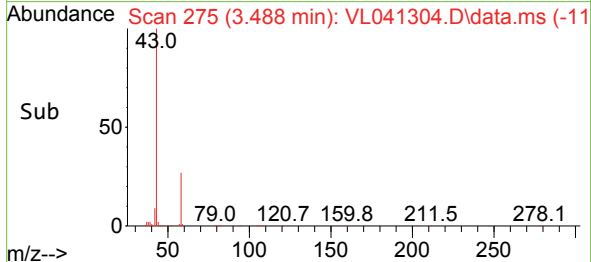
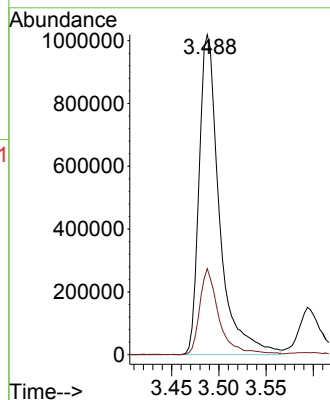
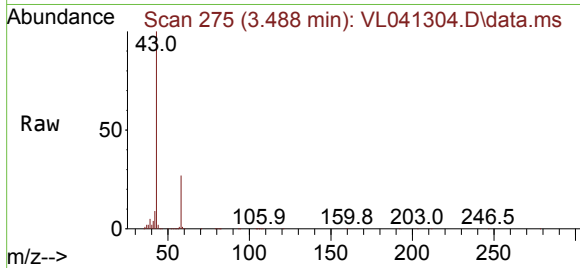




#15
Acetone
Concen: 12.985 ppbv
RT: 3.488 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL041304.D
Acq: 4 Jun 2024 13:09

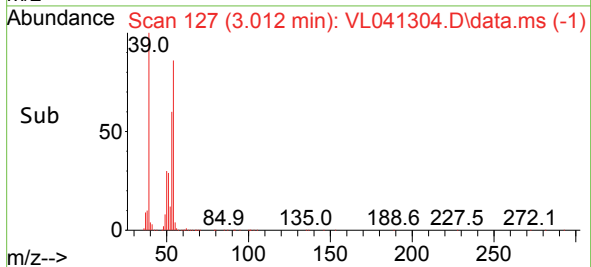
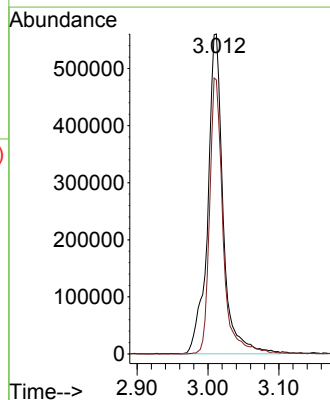
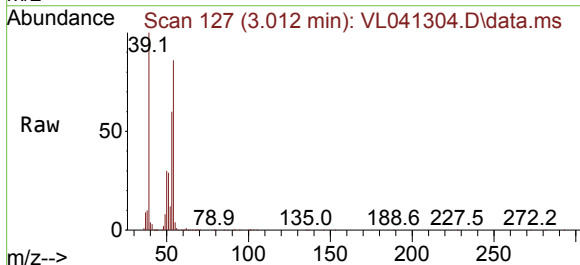
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

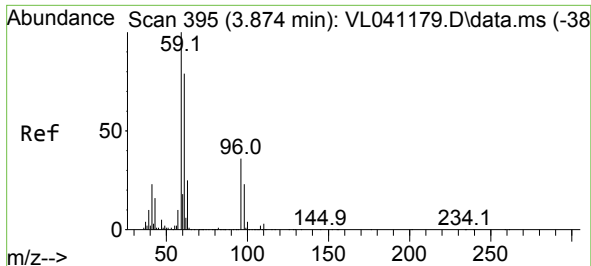
Tgt Ion: 43 Resp: 1523812
Ion Ratio Lower Upper
43 100
58 25.7 21.4 32.0



#16
1,3-Butadiene
Concen: 14.341 ppbv
RT: 3.012 min Scan# 127
Delta R.T. 0.013 min
Lab File: VL041304.D
Acq: 4 Jun 2024 13:09

Tgt Ion: 39 Resp: 849547
Ion Ratio Lower Upper
39 100
54 75.3 62.2 93.4





#17

tert-Butyl alcohol

Concen: 10.696 ppbv

RT: 3.896 min Scan# 402

Delta R.T. 0.006 min

Lab File: VL041304.D

Acq: 4 Jun 2024 13:09

Instrument :

MSVOA_L

ClientSampleId :

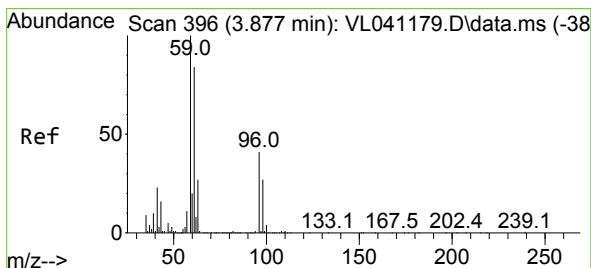
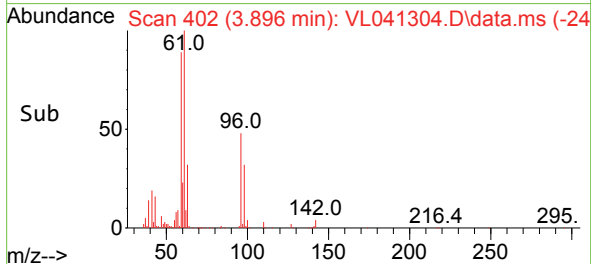
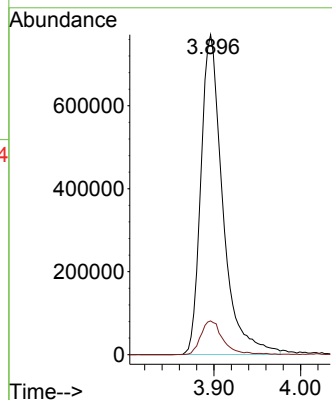
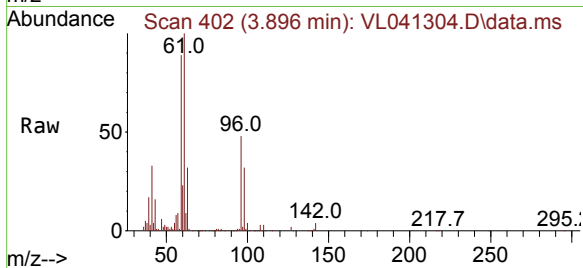
VSTDIC015

Tgt Ion: 59 Resp: 1354025

Ion Ratio Lower Upper

59 100

57 10.9 8.4 12.6



#18

1,1-Dichloroethene

Concen: 14.216 ppbv

RT: 3.899 min Scan# 403

Delta R.T. 0.003 min

Lab File: VL041304.D

Acq: 4 Jun 2024 13:09

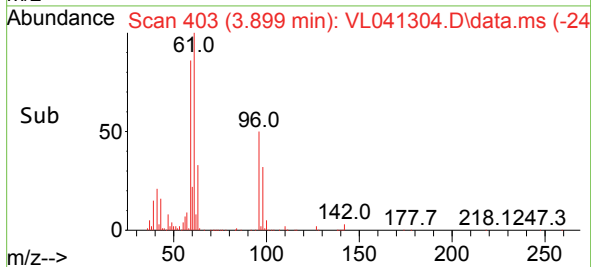
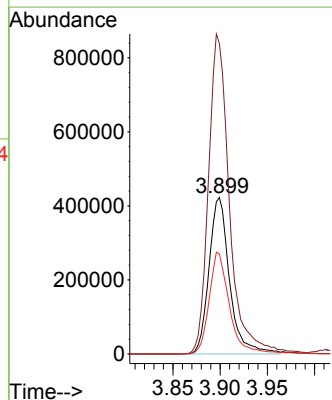
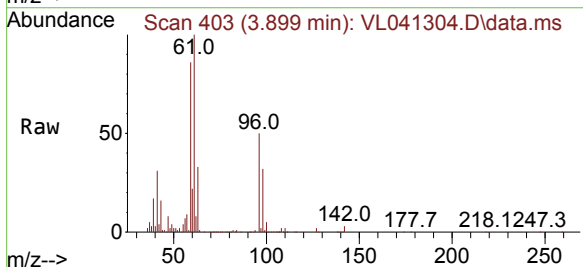
Tgt Ion: 96 Resp: 640776

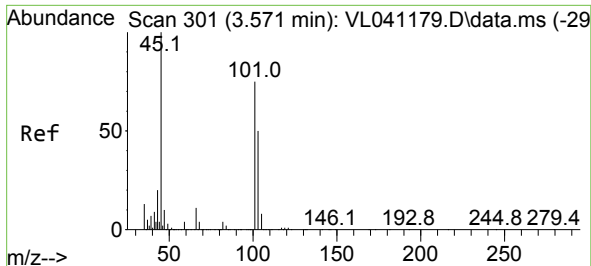
Ion Ratio Lower Upper

96 100

61 198.4 164.4 246.6

98 64.0 51.8 77.8

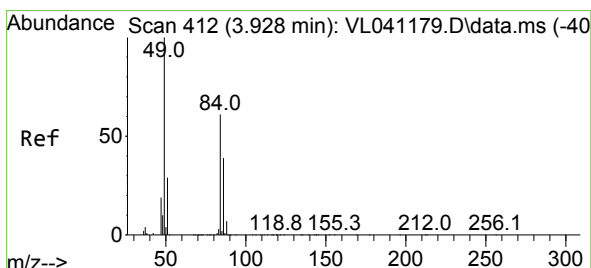
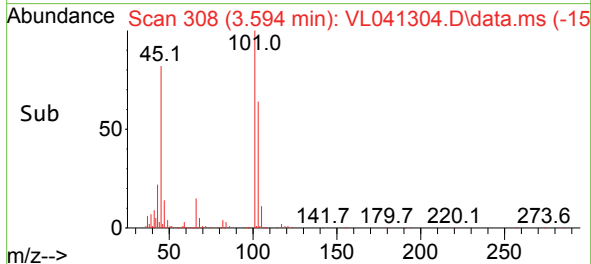
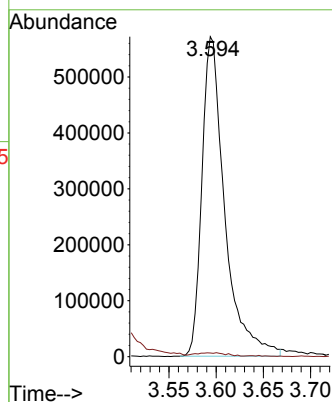
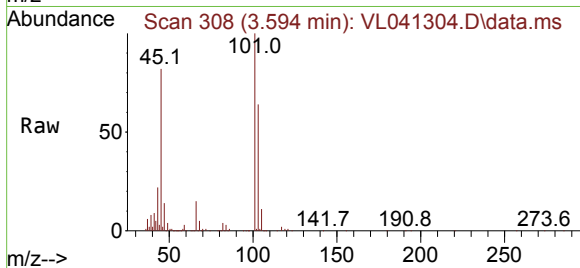




#19
Isopropyl Alcohol
Concen: 12.455 ppbv
RT: 3.594 min Scan# 301
Delta R.T. 0.003 min
Lab File: VL041304.D
Acq: 4 Jun 2024 13:09

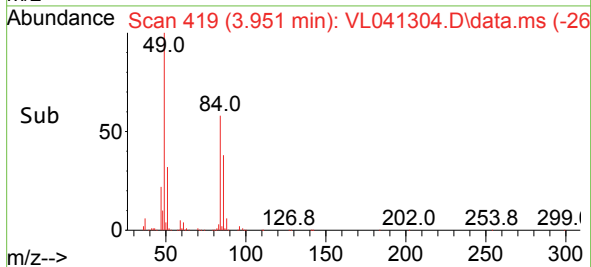
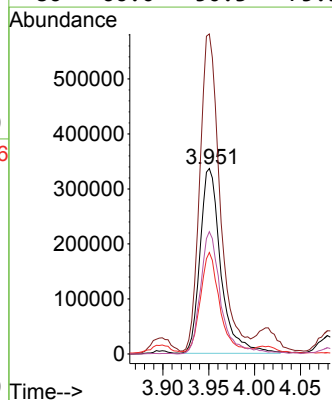
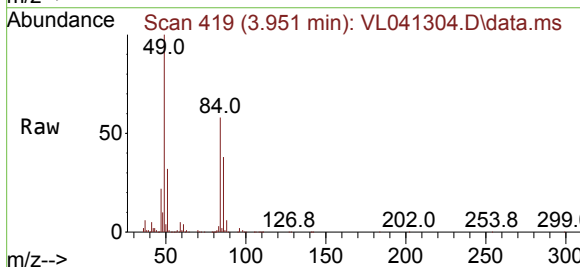
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

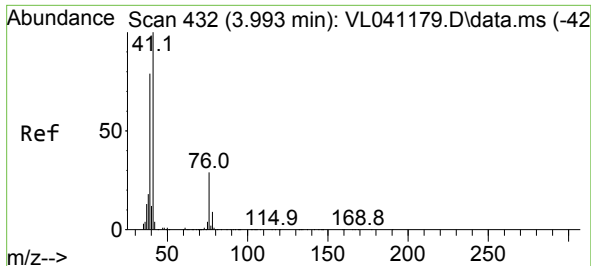
Tgt Ion: 45 Resp: 959134
Ion Ratio Lower Upper
45 100
58 1.8 26.8 40.2#



#20
Methylene Chloride
Concen: 13.041 ppbv
RT: 3.951 min Scan# 419
Delta R.T. 0.003 min
Lab File: VL041304.D
Acq: 4 Jun 2024 13:09

Tgt Ion: 84 Resp: 532187
Ion Ratio Lower Upper
84 100
49 171.5 130.4 195.6
51 53.7 38.0 57.0
86 66.0 50.3 75.5

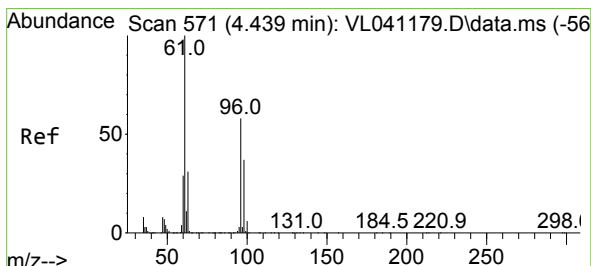
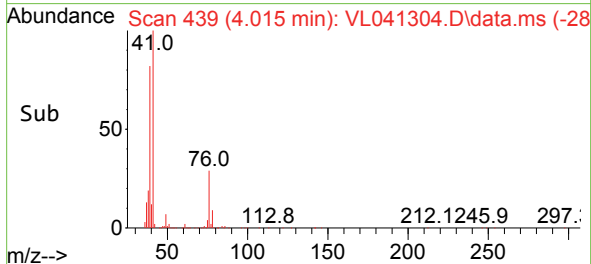
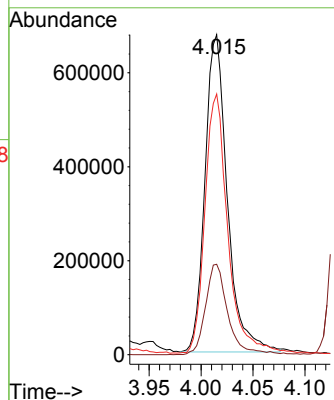
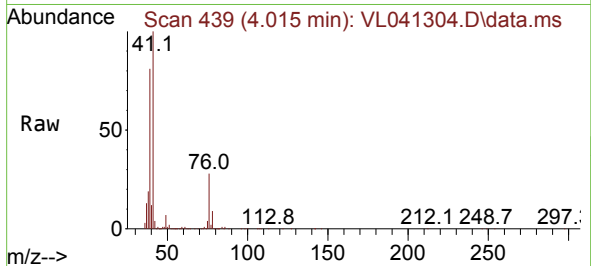




#21
 Allyl Chloride
 Concen: 13.218 ppbv
 RT: 4.015 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL041304.D
 Acq: 4 Jun 2024 13:09

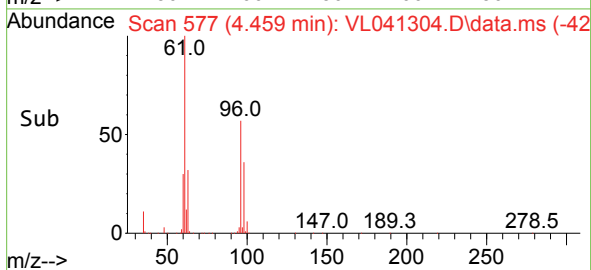
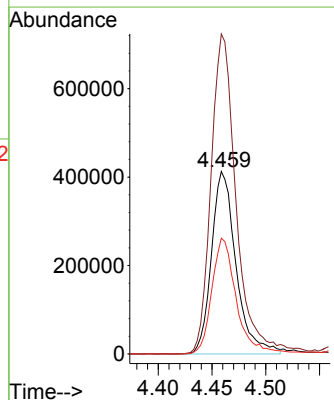
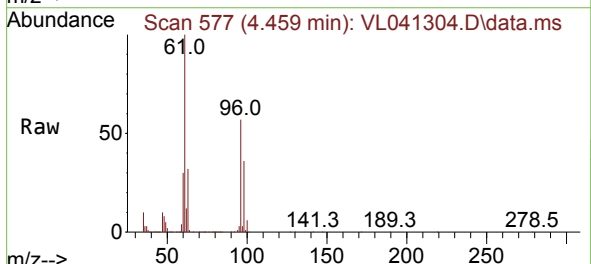
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

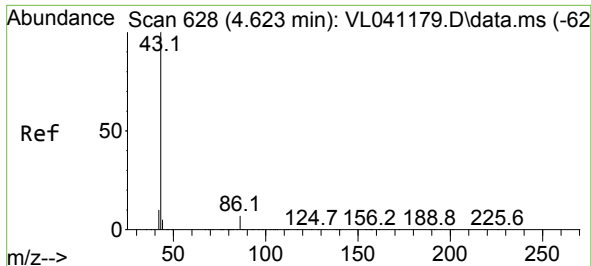
Tgt Ion: 41 Resp: 1011416
 Ion Ratio Lower Upper
 41 100
 76 28.5 23.7 35.5
 39 84.2 64.7 97.1



#22
 trans-1,2-Dichloroethene
 Concen: 14.014 ppbv
 RT: 4.459 min Scan# 577
 Delta R.T. -0.003 min
 Lab File: VL041304.D
 Acq: 4 Jun 2024 13:09

Tgt Ion: 96 Resp: 656889
 Ion Ratio Lower Upper
 96 100
 61 175.3 137.6 206.4
 98 63.6 50.6 76.0



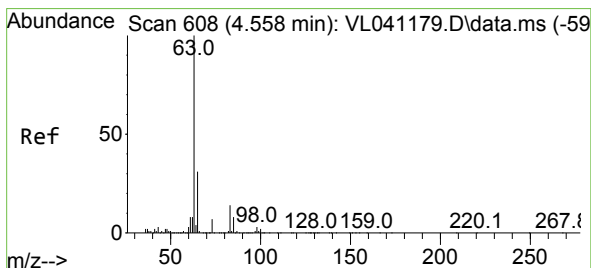
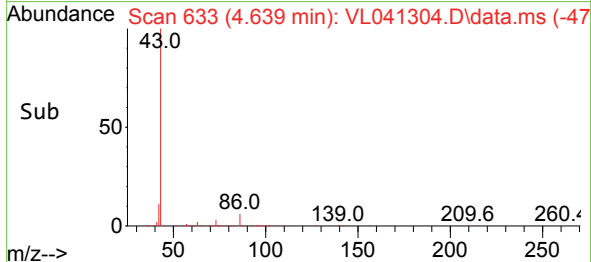
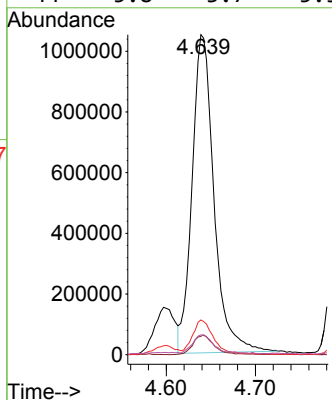
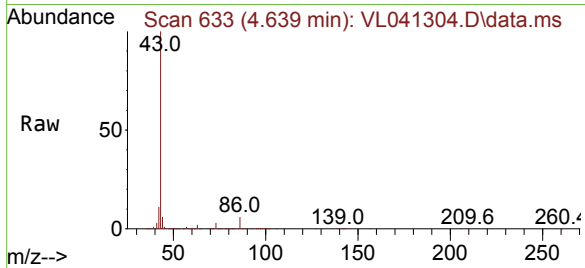


#23
 Vinyl Acetate
 Concen: 13.853 ppbv
 RT: 4.639 min Scan# 614
 Delta R.T. 0.000 min
 Lab File: VL041304.D
 Acq: 4 Jun 2024 13:09

Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC015

Tgt Ion: 43 Resp: 1790146

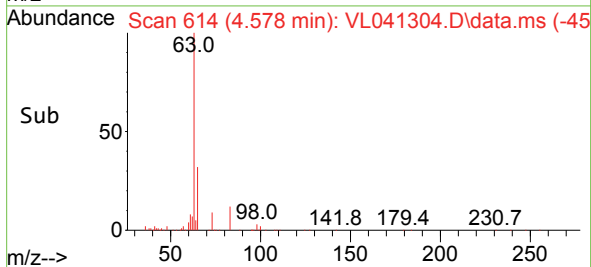
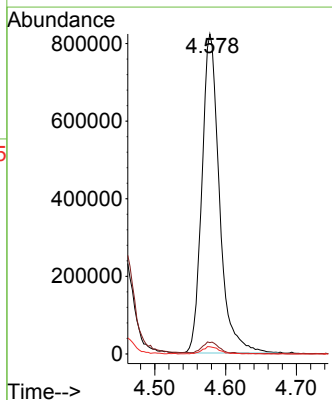
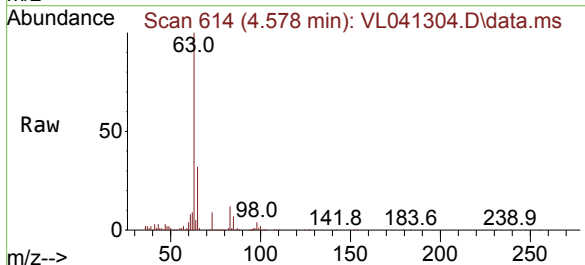
Ion	Ratio	Lower	Upper
43	100		
86	5.7	4.9	7.3
42	10.8	8.0	12.0
44	5.8	3.7	5.5

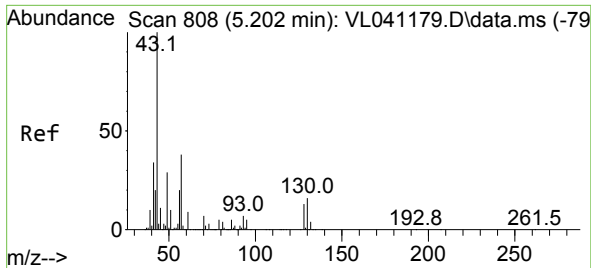


#24
 1,1-Dichloroethane
 Concen: 14.051 ppbv
 RT: 4.578 min Scan# 614
 Delta R.T. 0.000 min
 Lab File: VL041304.D
 Acq: 4 Jun 2024 13:09

Tgt Ion: 63 Resp: 1411880

Ion	Ratio	Lower	Upper
63	100		
98	3.5	1.6	4.8
100	2.2	1.1	3.5



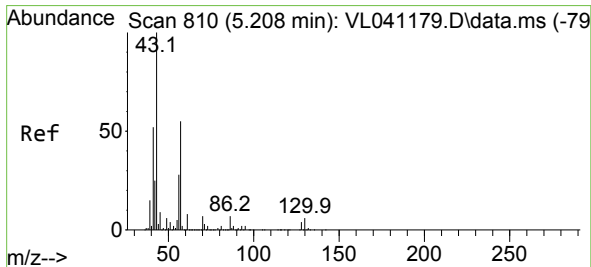
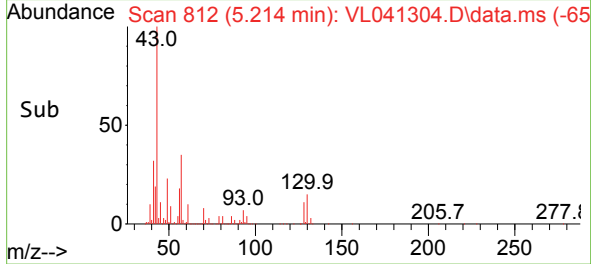
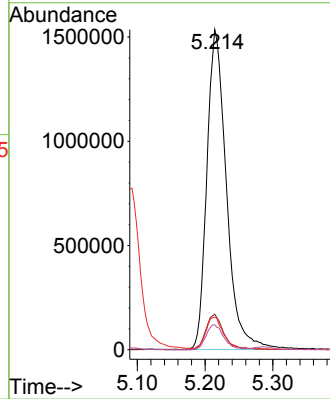
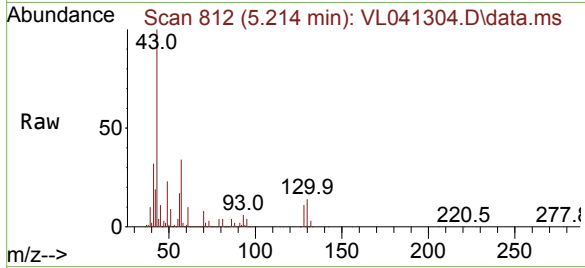


#25
Ethyl Acetate
Concen: 13.111 ppbv
RT: 5.214 min Scan# 811
Delta R.T. -0.006 min
Lab File: VL041304.D
Acq: 4 Jun 2024 13:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion: 43 Resp: 3071051

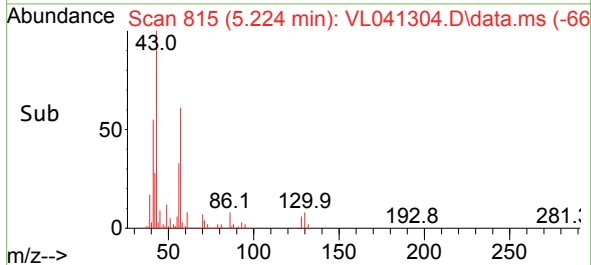
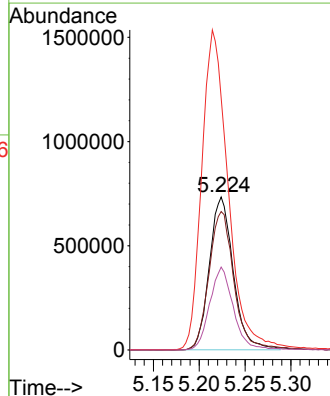
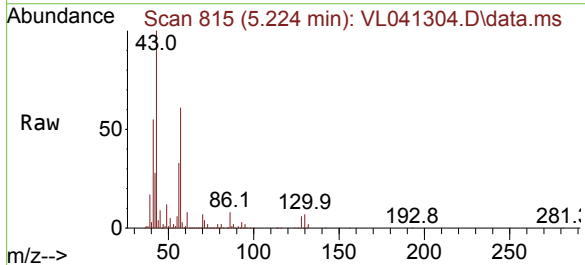
Ion	Ratio	Lower	Upper
43	100		
45	10.3	8.2	12.2
61	9.6	7.7	11.5
70	7.0	5.8	8.6

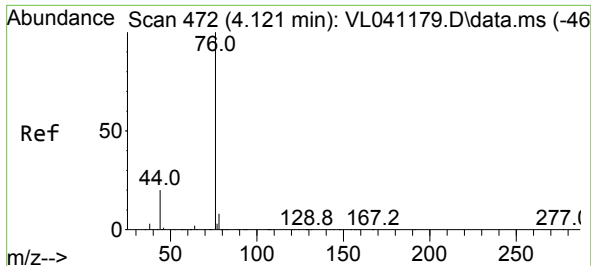


#26
Hexane
Concen: 12.721 ppbv
RT: 5.224 min Scan# 815
Delta R.T. -0.003 min
Lab File: VL041304.D
Acq: 4 Jun 2024 13:09

Tgt Ion: 57 Resp: 1329723

Ion	Ratio	Lower	Upper
57	100		
41	95.8	75.8	113.8
43	232.1	187.0	280.4
56	54.1	42.7	64.1

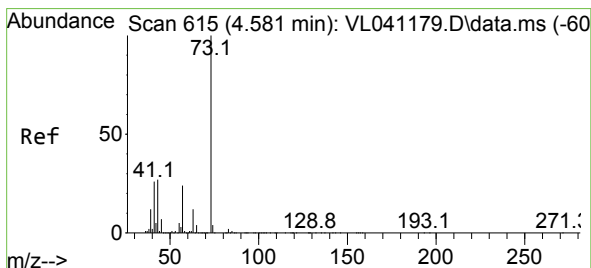
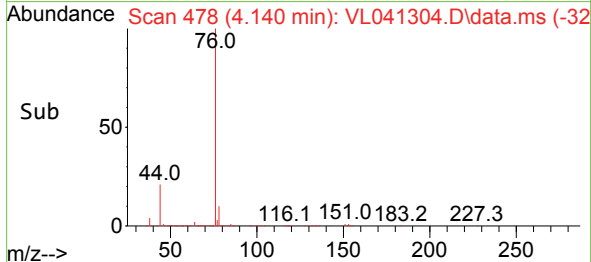
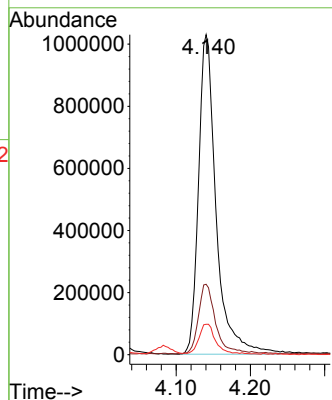
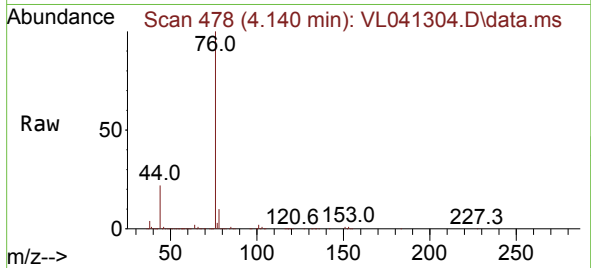




#27
Carbon Disulfide
Concen: 13.726 ppbv
RT: 4.140 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL041304.D
Acq: 4 Jun 2024 13:09

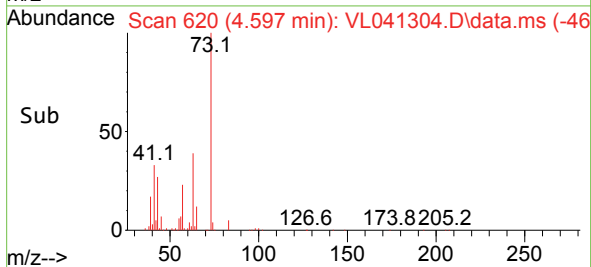
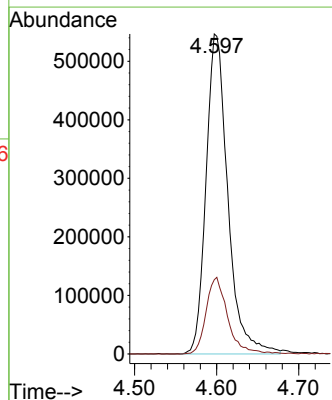
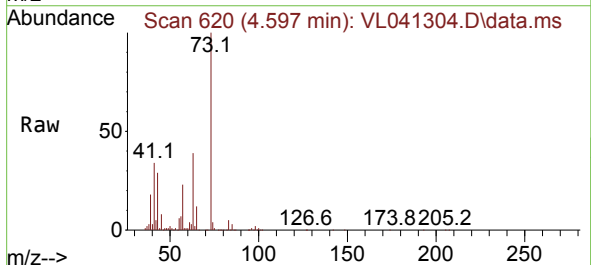
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

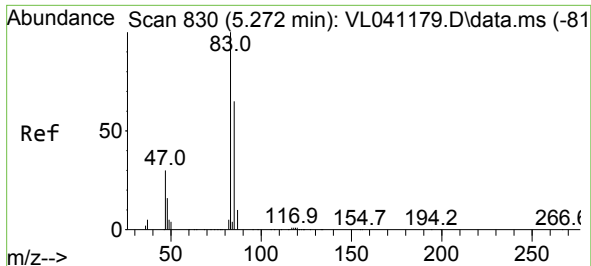
Tgt Ion: 76 Resp: 1698403
Ion Ratio Lower Upper
76 100
44 21.7 16.3 24.5
78 9.5 7.3 10.9



#28
Methyl tert-Butyl Ether
Concen: 12.132 ppbv
RT: 4.597 min Scan# 620
Delta R.T. -0.003 min
Lab File: VL041304.D
Acq: 4 Jun 2024 13:09

Tgt Ion: 73 Resp: 1009786
Ion Ratio Lower Upper
73 100
57 24.1 18.8 28.2





#29

Chloroform

Concen: 14.589 ppbv

RT: 5.288 min Scan# 81

Delta R.T. 0.000 min

Lab File: VL041304.D

Acq: 4 Jun 2024 13:09

Instrument :

MSVOA_L

ClientSampleId :

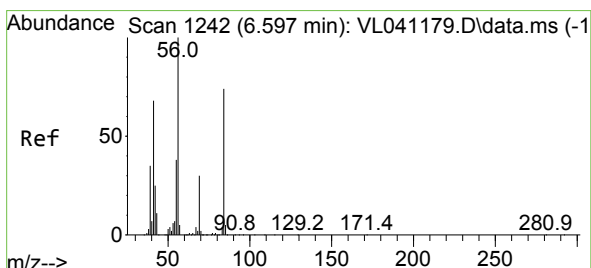
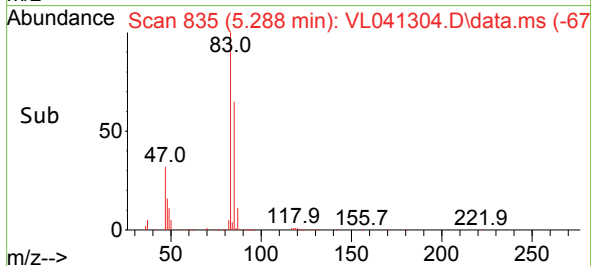
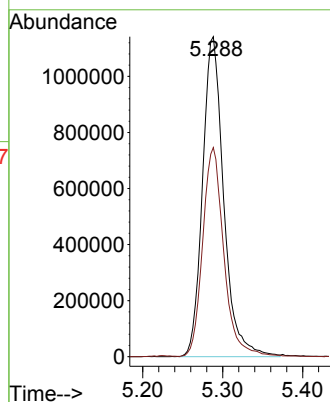
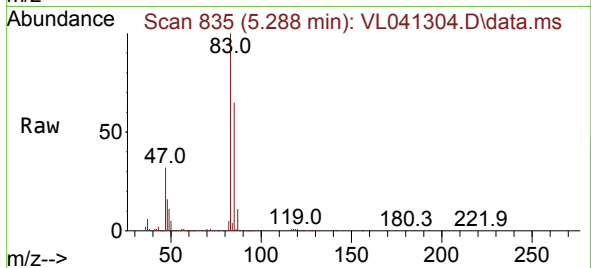
VSTDIC015

Tgt Ion: 83 Resp: 2103783

Ion Ratio Lower Upper

83 100

85 65.2 51.7 77.5



#30

Cyclohexane

Concen: 13.810 ppbv

RT: 6.607 min Scan# 1245

Delta R.T. -0.010 min

Lab File: VL041304.D

Acq: 4 Jun 2024 13:09

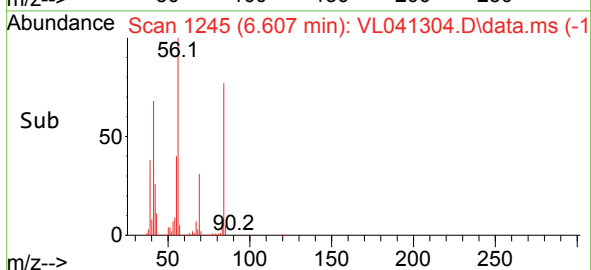
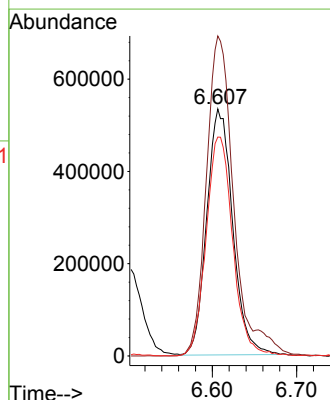
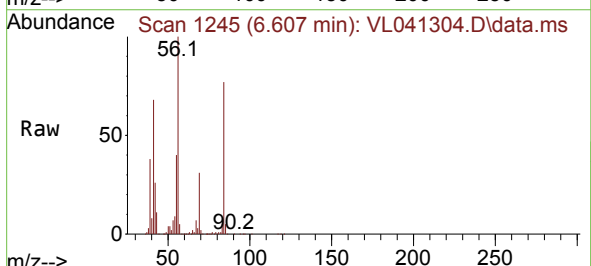
Tgt Ion: 84 Resp: 1142744

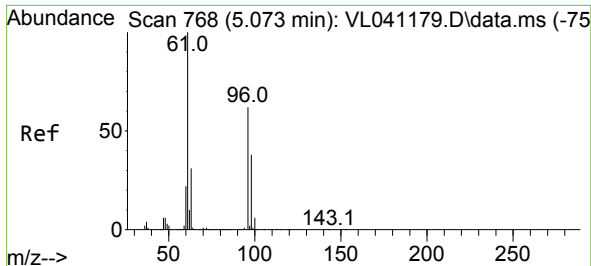
Ion Ratio Lower Upper

84 100

56 137.9 116.8 175.2

41 91.1 73.8 110.8

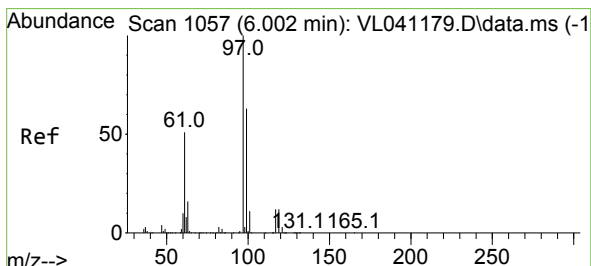
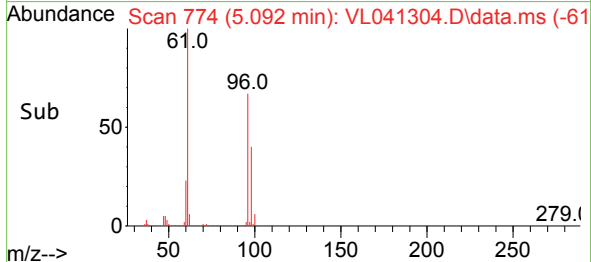
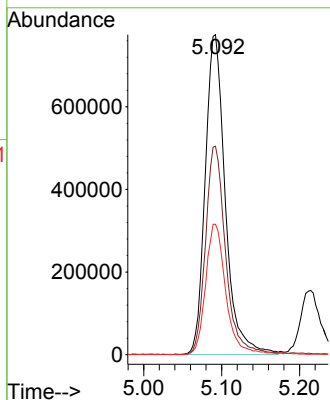
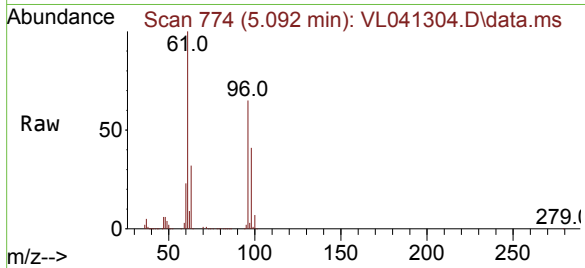




#31
 cis-1,2-Dichloroethene
 Concen: 14.151 ppbv
 RT: 5.092 min Scan# 71
 Delta R.T. -0.003 min
 Lab File: VL041304.D
 Acq: 4 Jun 2024 13:09

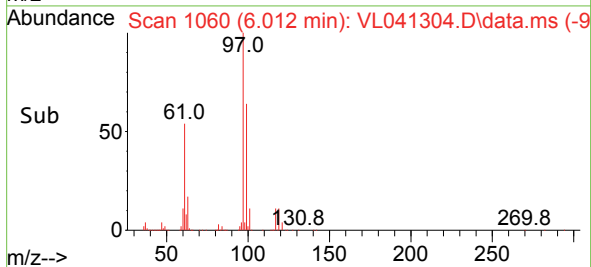
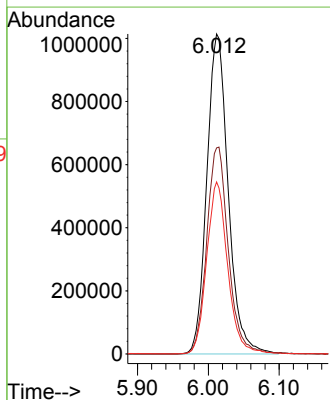
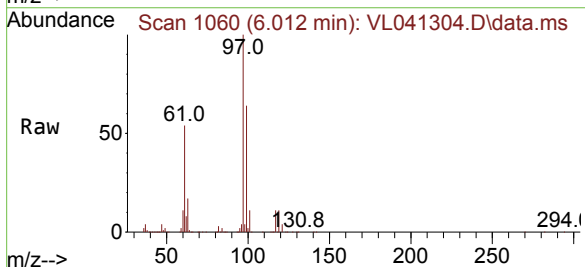
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

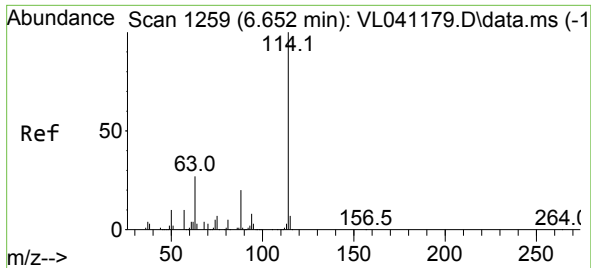
Tgt Ion: 61 Resp: 1384800
 Ion Ratio Lower Upper
 61 100
 96 65.1 49.8 74.6
 98 40.7 30.0 45.0



#32
 1,1,1-Trichloroethane
 Concen: 14.800 ppbv
 RT: 6.012 min Scan# 1060
 Delta R.T. -0.006 min
 Lab File: VL041304.D
 Acq: 4 Jun 2024 13:09

Tgt Ion: 97 Resp: 2129560
 Ion Ratio Lower Upper
 97 100
 99 65.4 51.7 77.5
 61 53.1 41.1 61.7

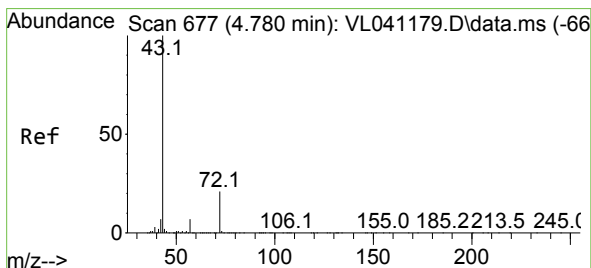
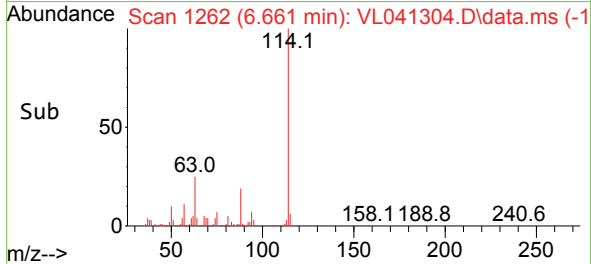
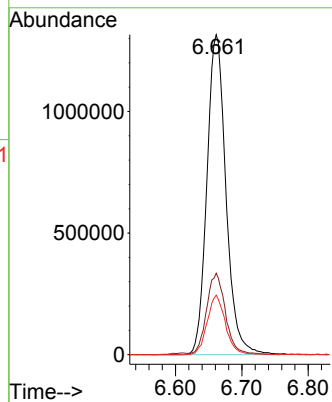
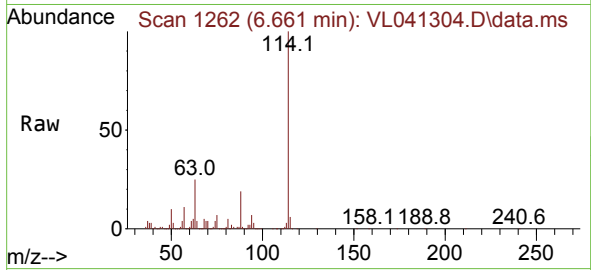




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.661 min Scan# 114
Delta R.T. -0.006 min
Lab File: VL041304.D
Acq: 4 Jun 2024 13:09

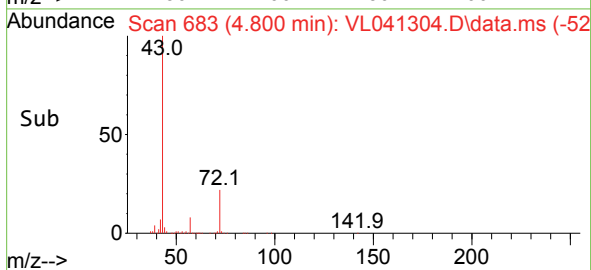
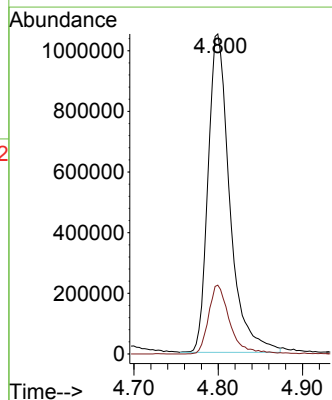
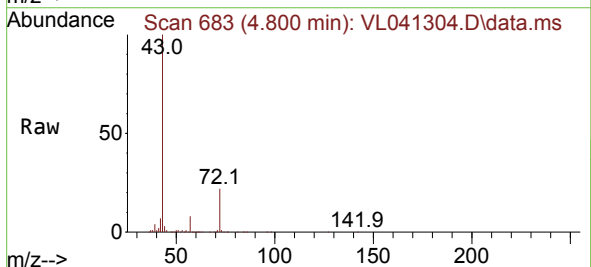
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

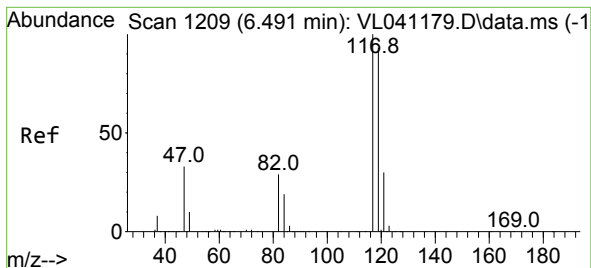
Tgt Ion:114 Resp: 2630300
Ion Ratio Lower Upper
114 100
63 25.7 21.8 32.6
88 18.0 15.2 22.8



#34
2-Butanone
Concen: 14.065 ppbv
RT: 4.800 min Scan# 683
Delta R.T. 0.000 min
Lab File: VL041304.D
Acq: 4 Jun 2024 13:09

Tgt Ion: 43 Resp: 1882947
Ion Ratio Lower Upper
43 100
72 21.5 17.3 25.9





#35

Carbon Tetrachloride

Concen: 14.968 ppbv

RT: 6.500 min Scan# 1174

Delta R.T. -0.010 min

Lab File: VL041304.D

Acq: 4 Jun 2024 13:09

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

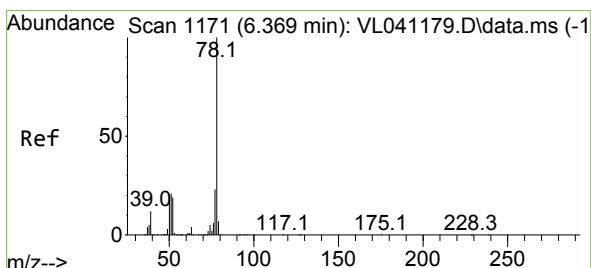
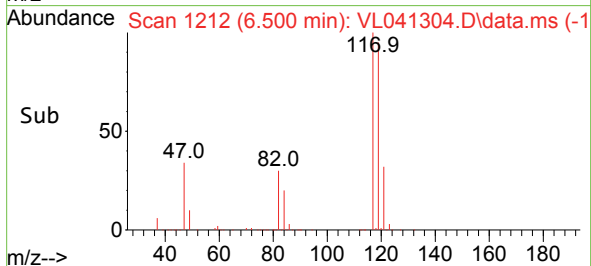
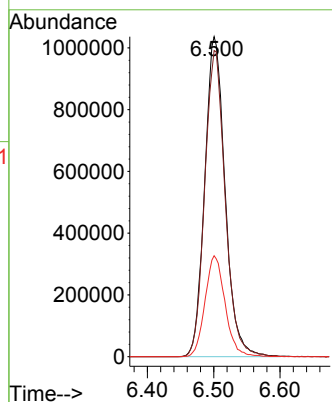
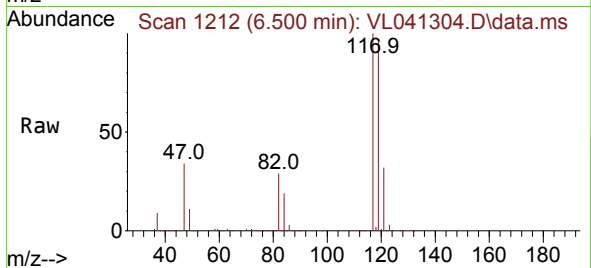
Tgt Ion:117 Resp: 2209494

Ion Ratio Lower Upper

117 100

119 95.6 74.3 111.5

121 31.5 23.8 35.8



#36

Benzene

Concen: 12.790 ppbv

RT: 6.378 min Scan# 1174

Delta R.T. -0.006 min

Lab File: VL041304.D

Acq: 4 Jun 2024 13:09

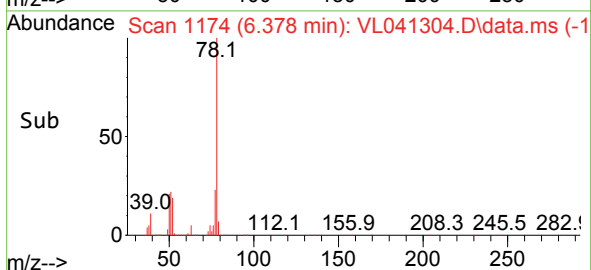
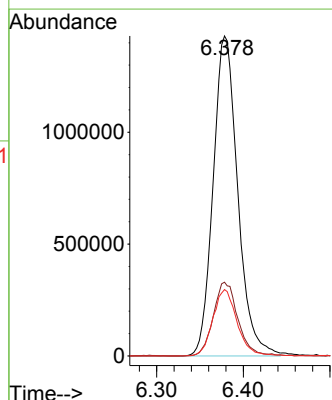
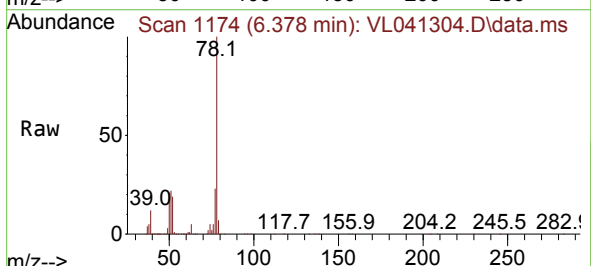
Tgt Ion: 78 Resp: 2823055

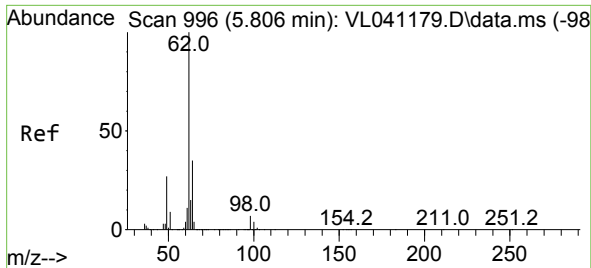
Ion Ratio Lower Upper

78 100

77 23.1 18.3 27.5

50 20.7 15.9 23.9





#37

1,2-Dichloroethane

Concen: 14.613 ppbv

RT: 5.819 min Scan# 1000

Delta R.T. -0.003 min

Lab File: VL041304.D

Acq: 4 Jun 2024 13:09

Instrument :

MSVOA_L

ClientSampleId :

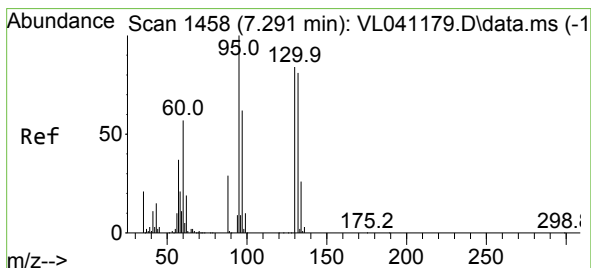
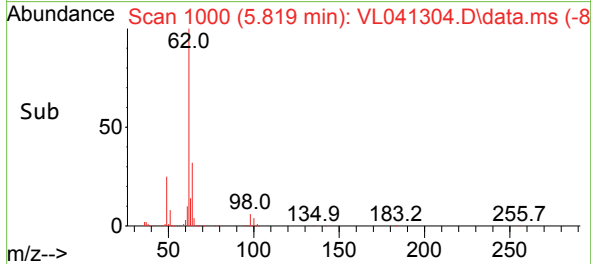
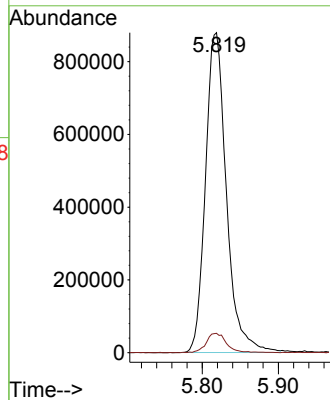
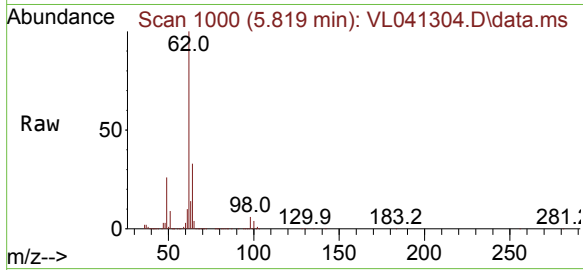
VSTDIC015

Tgt Ion: 62 Resp: 1683004

Ion Ratio Lower Upper

62 100

98 5.9 5.0 7.4



#38

Trichloroethene

Concen: 13.625 ppbv

RT: 7.298 min Scan# 1460

Delta R.T. -0.010 min

Lab File: VL041304.D

Acq: 4 Jun 2024 13:09

Tgt Ion:130 Resp: 1120719

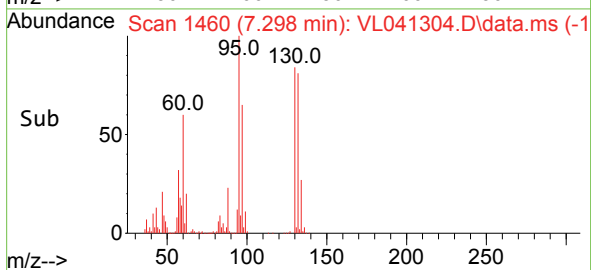
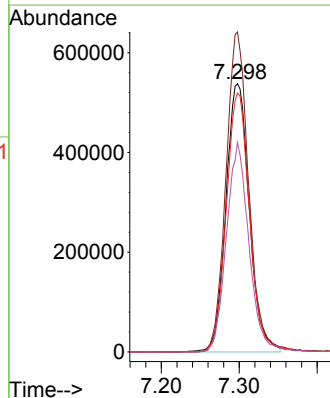
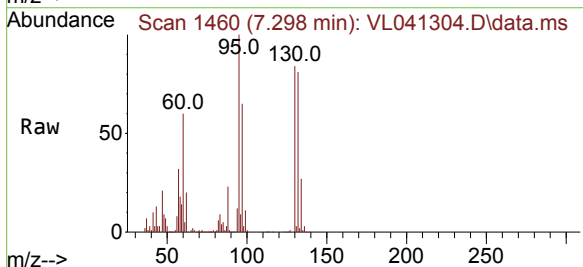
Ion Ratio Lower Upper

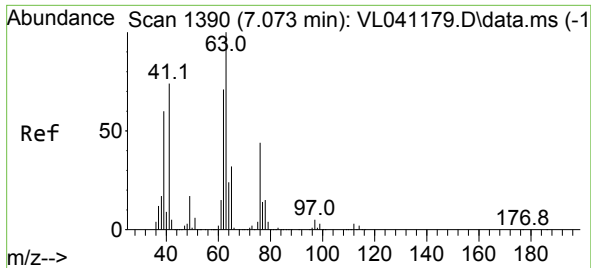
130 100

95 119.2 95.0 142.6

132 96.5 77.0 115.4

97 78.1 59.1 88.7





#39

1,2-Dichloropropane

Concen: 12.998 ppbv

RT: 7.082 min Scan# 11

Delta R.T. -0.006 min

Lab File: VL041304.D

Acq: 4 Jun 2024 13:09

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

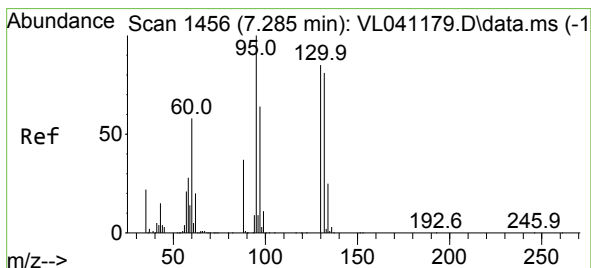
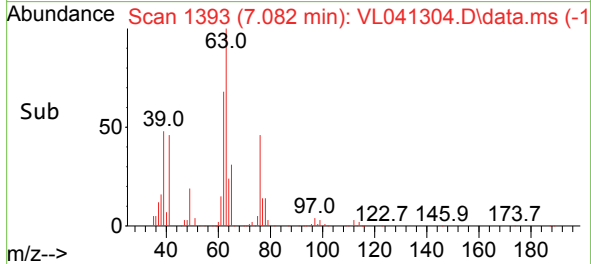
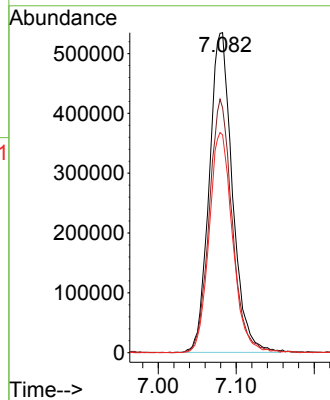
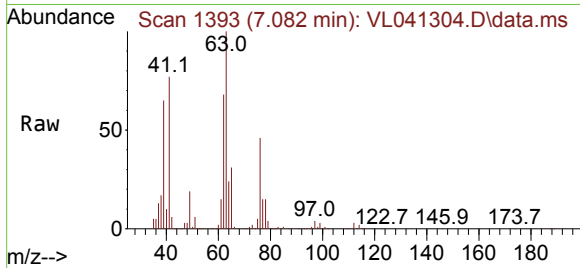
Tgt Ion: 63 Resp: 1105656

Ion Ratio Lower Upper

63 100

41 76.6 59.4 89.0

62 68.0 56.8 85.2



#40

1,4-Dioxane

Concen: 13.275 ppbv

RT: 7.288 min Scan# 1457

Delta R.T. -0.010 min

Lab File: VL041304.D

Acq: 4 Jun 2024 13:09

Tgt Ion: 88 Resp: 403440

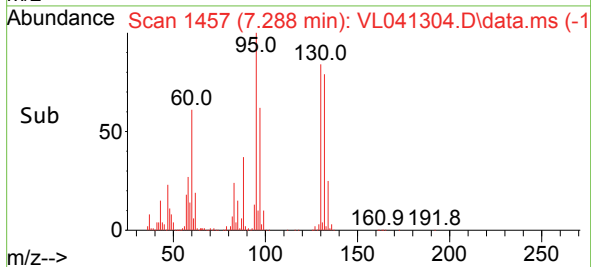
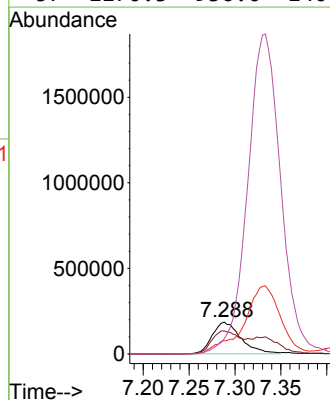
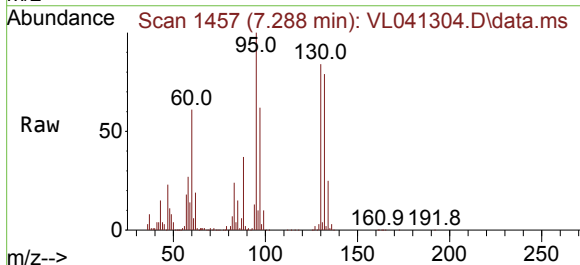
Ion Ratio Lower Upper

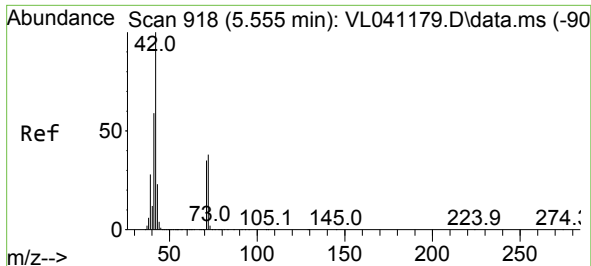
88 100

58 128.4 106.1 159.1

43 274.8 219.8 329.6

57 1170.3 936.0 1404.0





#41

Tetrahydrofuran

Concen: 12.396 ppbv

RT: 5.565 min Scan# 918

Delta R.T. -0.006 min

Lab File: VL041304.D

Acq: 4 Jun 2024 13:09

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

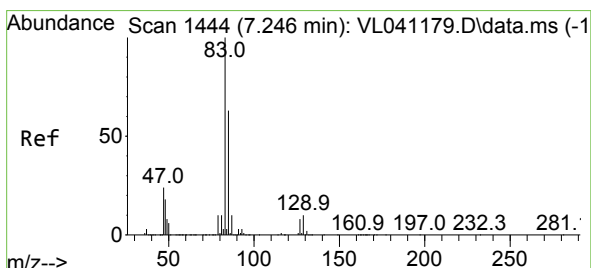
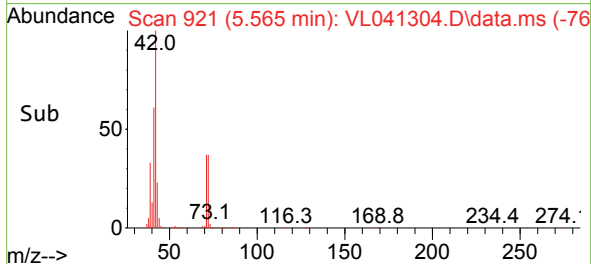
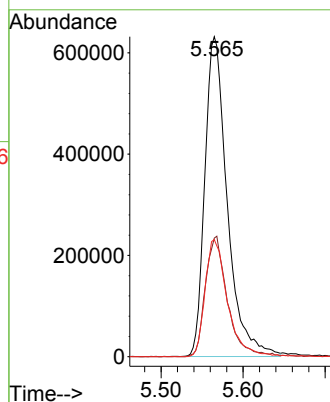
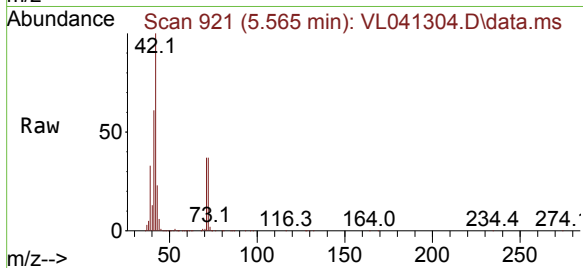
Tgt Ion: 42 Resp: 1201333

Ion Ratio Lower Upper

42 100

72 37.2 29.4 44.0

71 36.6 29.1 43.7



#42

Bromodichloromethane

Concen: 14.510 ppbv

RT: 7.256 min Scan# 1447

Delta R.T. -0.006 min

Lab File: VL041304.D

Acq: 4 Jun 2024 13:09

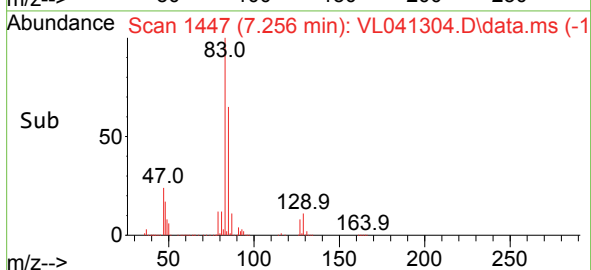
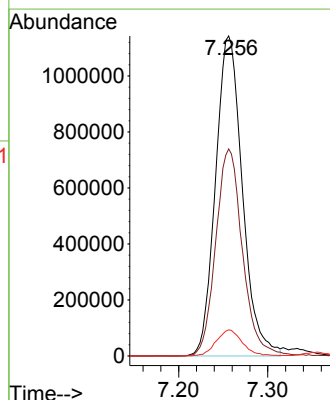
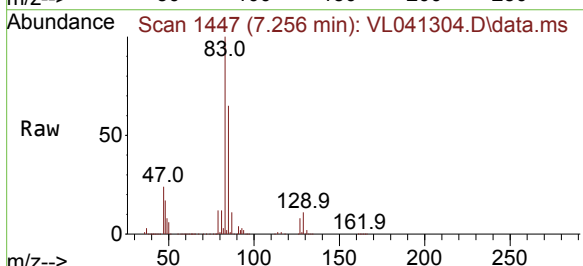
Tgt Ion: 83 Resp: 2396659

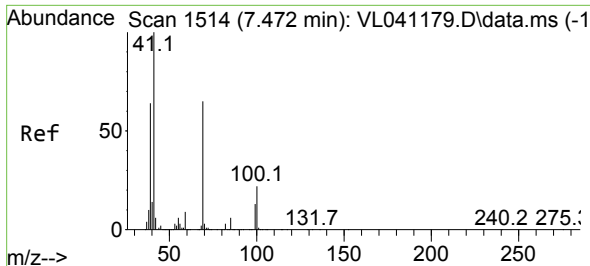
Ion Ratio Lower Upper

83 100

85 64.7 50.6 75.8

127 8.2 6.2 9.4



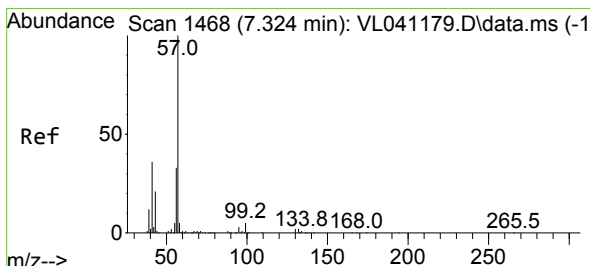
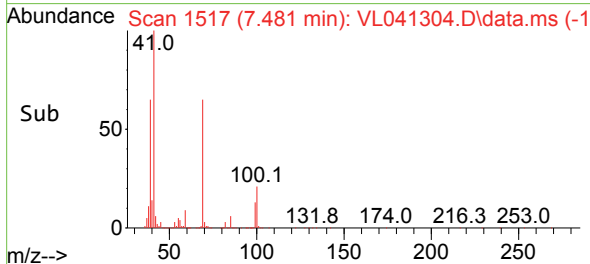
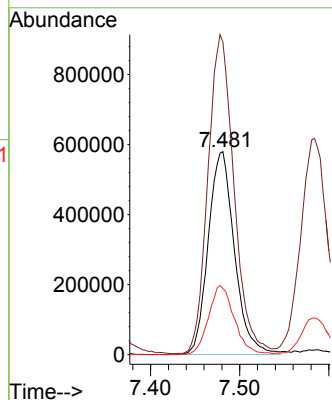
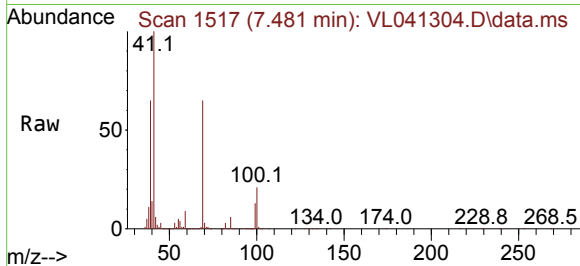


#43
Methyl Methacrylate
Concen: 13.260 ppbv
RT: 7.481 min Scan# 11
Delta R.T. -0.006 min
Lab File: VL041304.D
Acq: 4 Jun 2024 13:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 69 Resp: 1183863

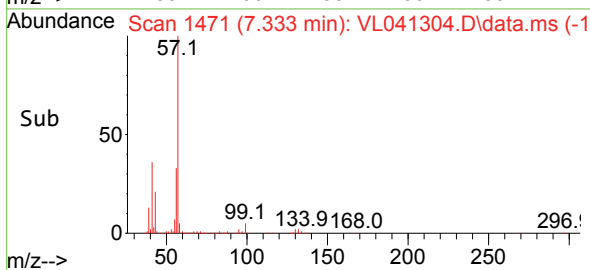
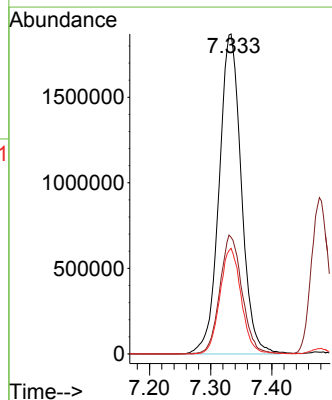
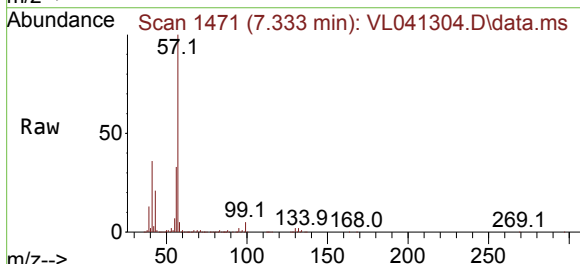
Ion	Ratio	Lower	Upper
69	100		
41	157.4	125.2	187.8
100	33.6	26.7	40.1

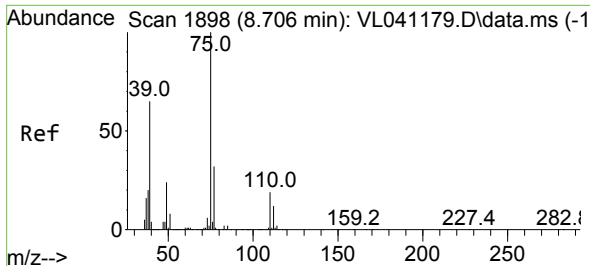


#44
2,2,4-Trimethylpentane
Concen: 12.377 ppbv
RT: 7.333 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VL041304.D
Acq: 4 Jun 2024 13:09

Tgt Ion: 57 Resp: 4710690

Ion	Ratio	Lower	Upper
57	100		
41	37.2	29.5	44.3
56	31.8	25.3	37.9

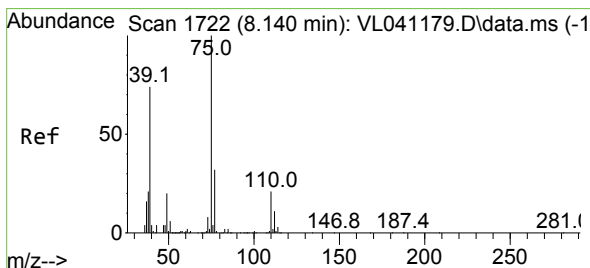
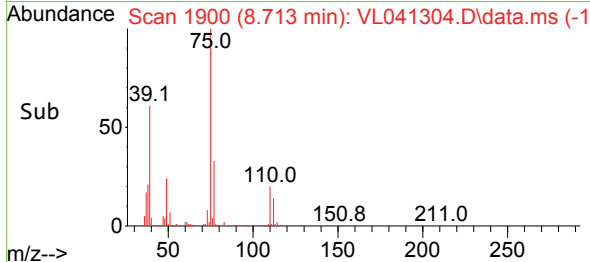
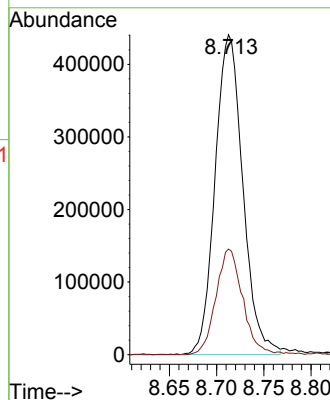
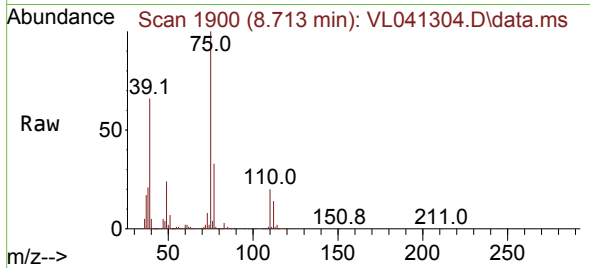




#45
 t-1,3-Dichloropropene
 Concen: 13.891 ppbv
 RT: 8.713 min Scan# 1898
 Delta R.T. -0.010 min
 Lab File: VL041304.D
 Acq: 4 Jun 2024 13:09

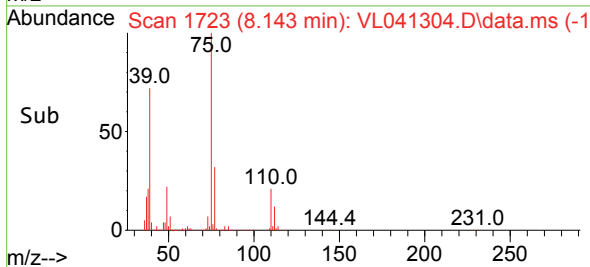
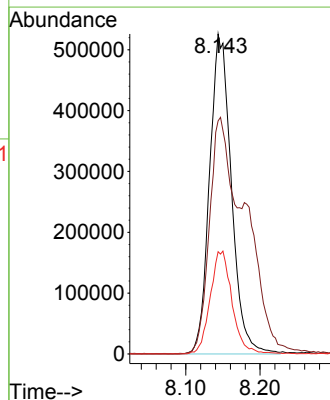
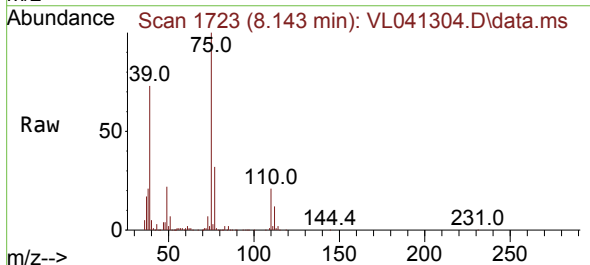
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

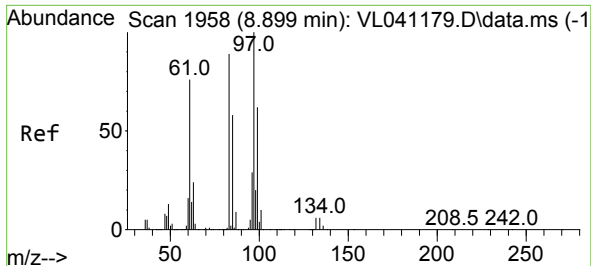
Tgt Ion: 75 Resp: 898666
 Ion Ratio Lower Upper
 75 100
 77 33.0 25.6 38.4



#46
 cis-1,3-Dichloropropene
 Concen: 13.524 ppbv
 RT: 8.143 min Scan# 1723
 Delta R.T. -0.013 min
 Lab File: VL041304.D
 Acq: 4 Jun 2024 13:09

Tgt Ion: 75 Resp: 1071114
 Ion Ratio Lower Upper
 75 100
 39 72.7 59.4 89.2
 77 32.0 25.9 38.9





#47

1,1,2-Trichloroethane

Concen: 13.829 ppbv

RT: 8.899 min Scan# 1958

Delta R.T. -0.016 min

Lab File: VL041304.D

Acq: 4 Jun 2024 13:09

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

Tgt Ion: 97 Resp: 1177491

Ion	Ratio	Lower	Upper
97	100		
83	91.2	71.2	106.8
85	56.5	46.0	69.0
99	61.2	49.7	74.5

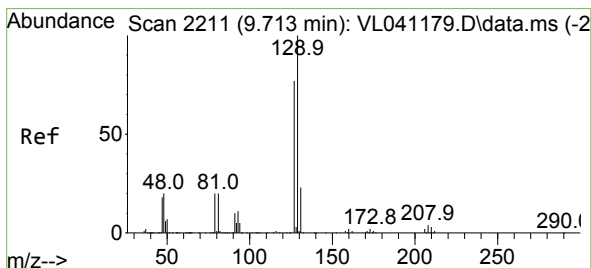
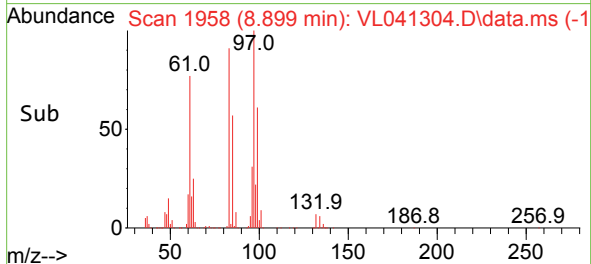
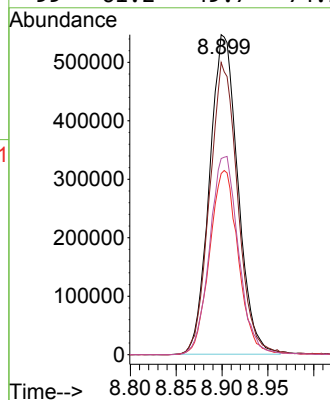
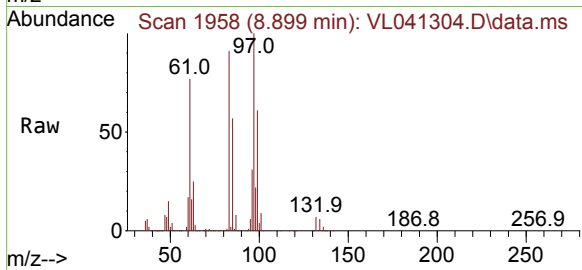
Ion Ratio Lower Upper

97 100

83 91.2 71.2 106.8

85 56.5 46.0 69.0

99 61.2 49.7 74.5



#48

Dibromochloromethane

Concen: 15.111 ppbv

RT: 9.713 min Scan# 2211

Delta R.T. -0.013 min

Lab File: VL041304.D

Acq: 4 Jun 2024 13:09

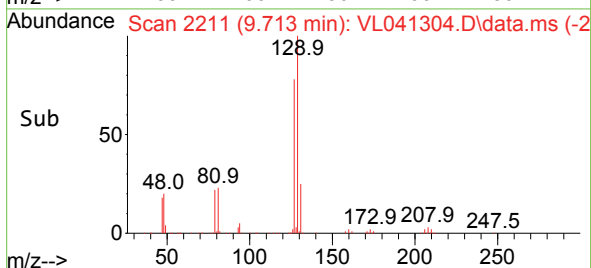
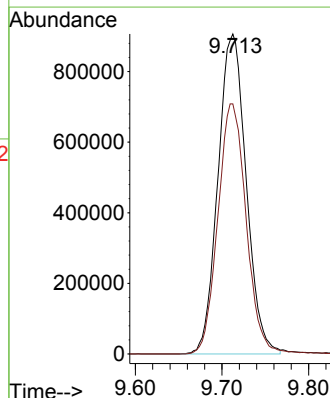
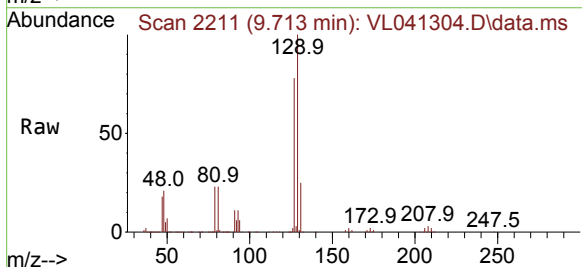
Tgt Ion: 129 Resp: 2050056

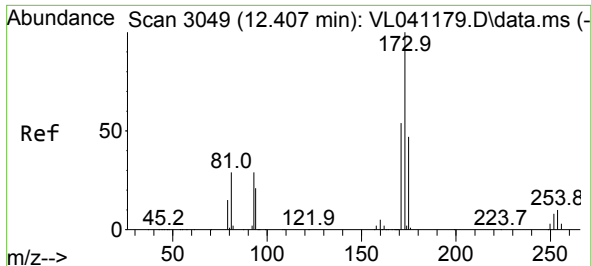
Ion	Ratio	Lower	Upper
129	100		
127	78.7	39.1	117.5

Ion Ratio Lower Upper

129 100

127 78.7 39.1 117.5



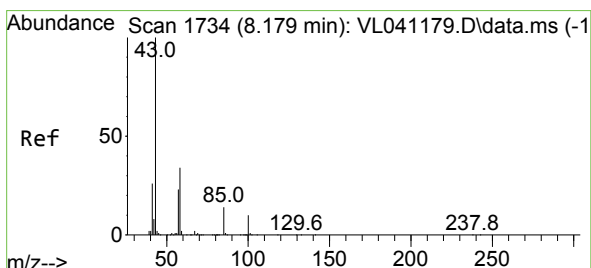
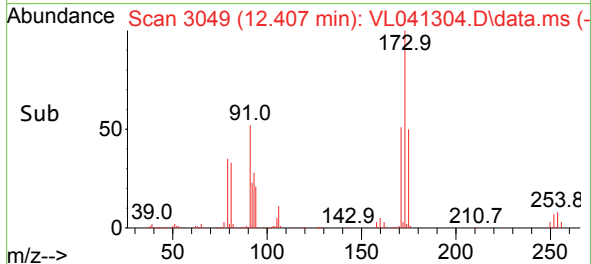
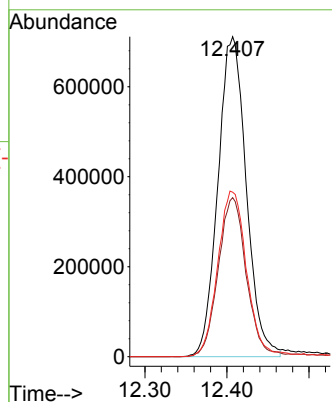
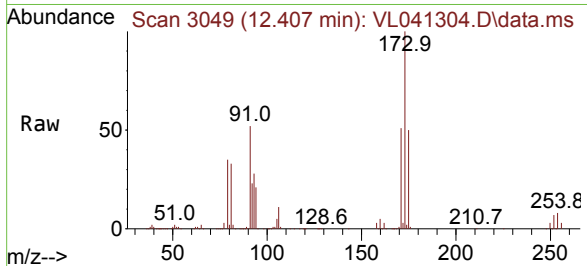


#49
Bromoform
Concen: 14.792 ppbv
RT: 12.407 min Scan# 3049
Delta R.T. -0.013 min
Lab File: VL041304.D
Acq: 4 Jun 2024 13:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion:173 Resp: 1707163

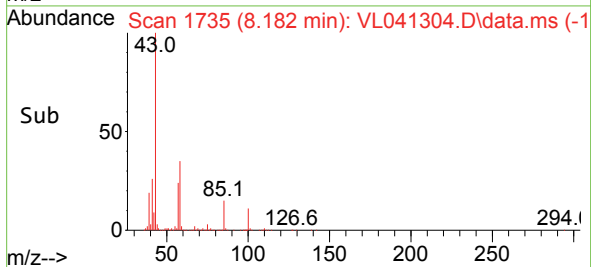
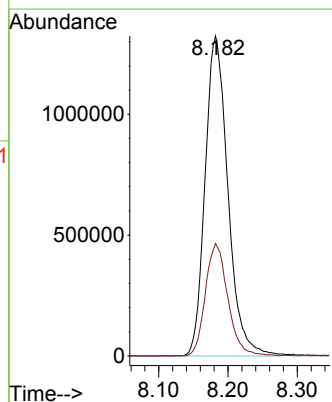
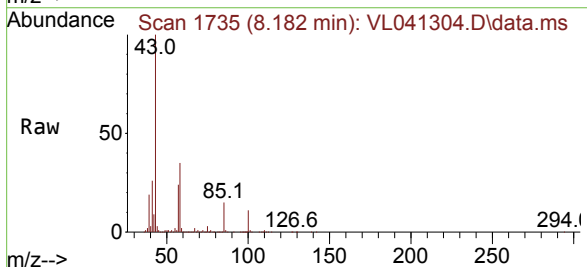
Ion	Ratio	Lower	Upper
173	100		
175	50.4	39.8	59.8
171	53.3	41.8	62.8

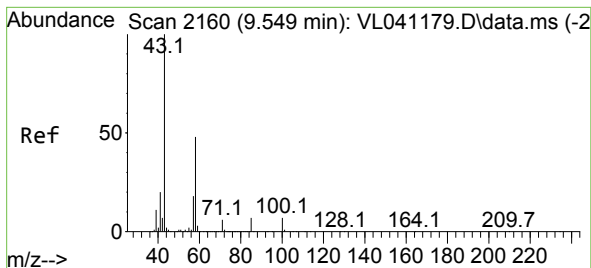


#50
4-Methyl-2-Pentanone
Concen: 12.604 ppbv
RT: 8.182 min Scan# 1735
Delta R.T. -0.013 min
Lab File: VL041304.D
Acq: 4 Jun 2024 13:09

Tgt Ion: 43 Resp: 3028079

Ion	Ratio	Lower	Upper
43	100		
58	34.6	27.7	41.5





#51

2-Hexanone

Concen: 12.513 ppbv

RT: 9.549 min Scan# 2160

Delta R.T. -0.016 min

Lab File: VL041304.D

Acq: 4 Jun 2024 13:09

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

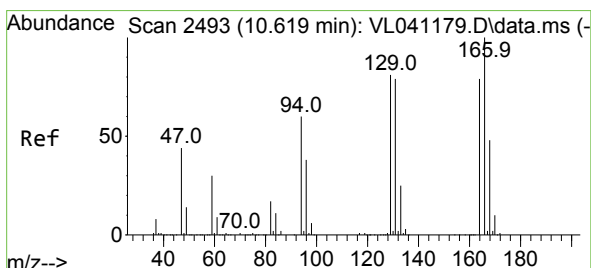
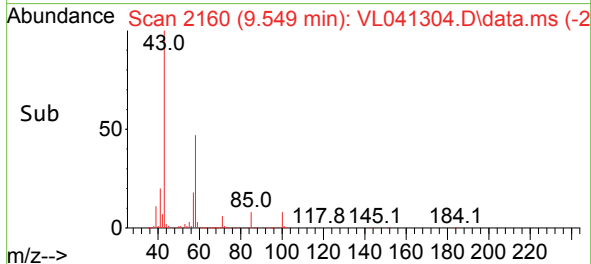
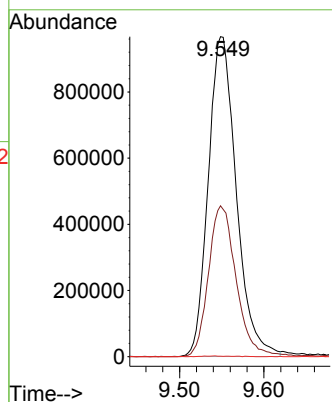
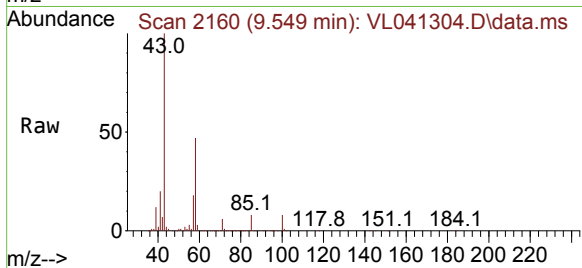
Tgt Ion: 43 Resp: 2229986

Ion Ratio Lower Upper

43 100

58 47.1 38.4 57.6

98 0.2 0.0 0.0#



#52

Tetrachloroethene

Concen: 13.421 ppbv

RT: 10.616 min Scan# 2492

Delta R.T. -0.013 min

Lab File: VL041304.D

Acq: 4 Jun 2024 13:09

Tgt Ion: 164 Resp: 1041207

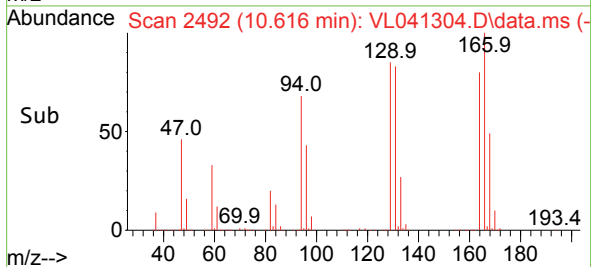
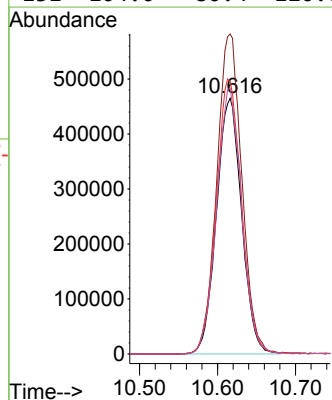
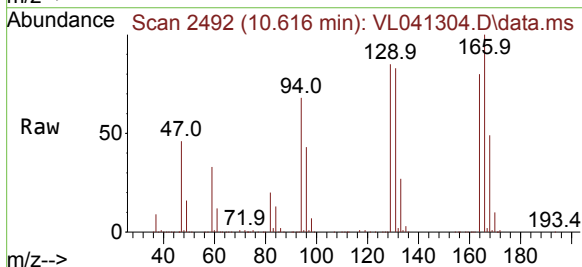
Ion Ratio Lower Upper

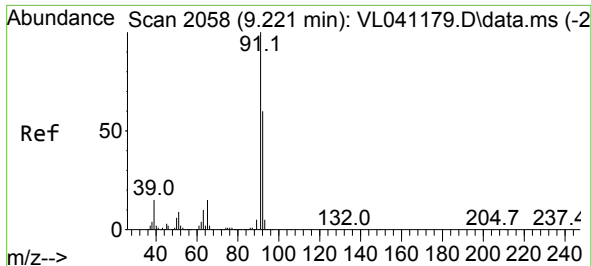
164 100

166 125.2 101.1 151.7

129 106.5 81.7 122.5

131 104.0 80.4 120.6

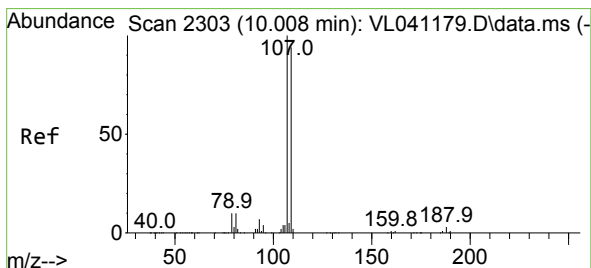
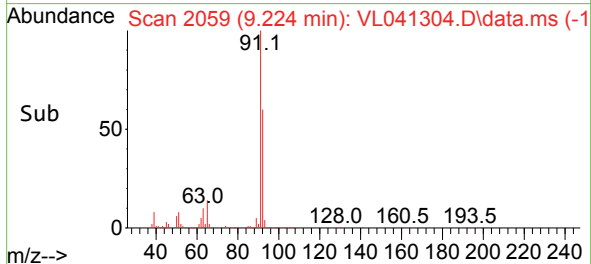
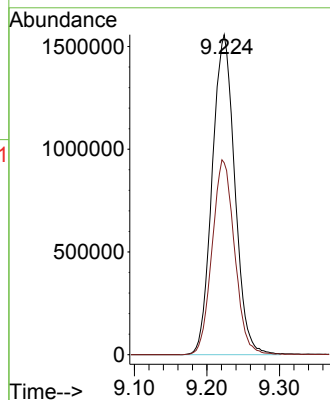
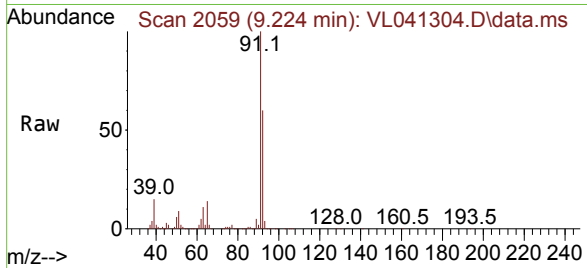




#53
Toluene
Concen: 13.149 ppbv
RT: 9.224 min Scan# 2058
Delta R.T. -0.010 min
Lab File: VL041304.D
Acq: 4 Jun 2024 13:09

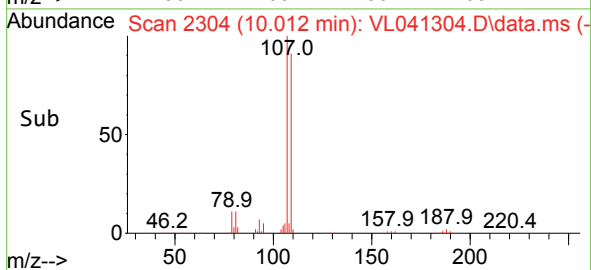
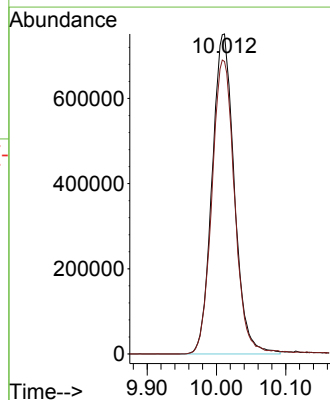
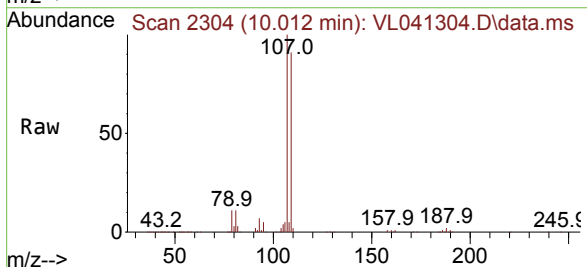
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

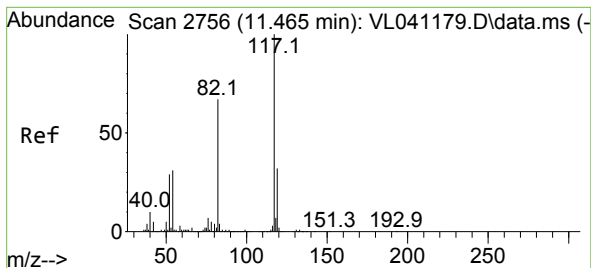
Tgt Ion: 91 Resp: 3365320
Ion Ratio Lower Upper
91 100
92 60.8 48.2 72.4



#54
1,2-Dibromoethane
Concen: 14.509 ppbv
RT: 10.012 min Scan# 2304
Delta R.T. -0.010 min
Lab File: VL041304.D
Acq: 4 Jun 2024 13:09

Tgt Ion: 107 Resp: 1673261
Ion Ratio Lower Upper
107 100
109 91.4 75.2 112.8

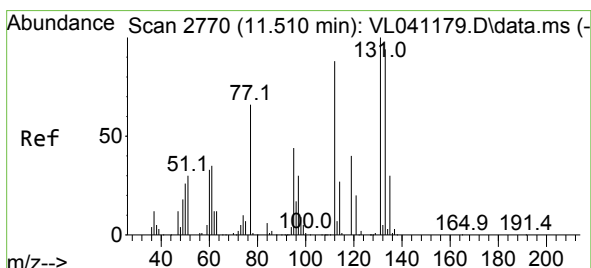
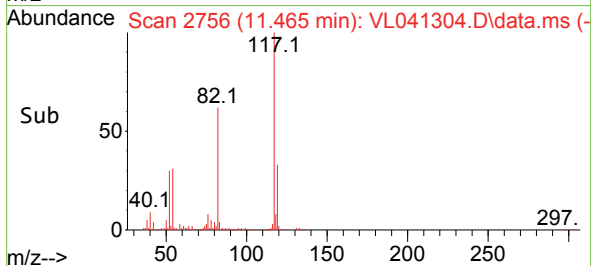
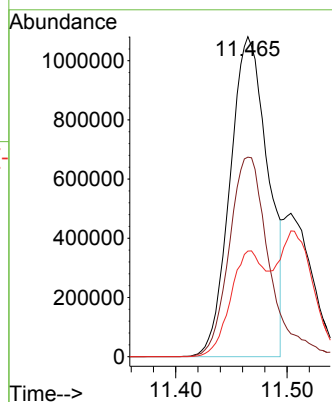
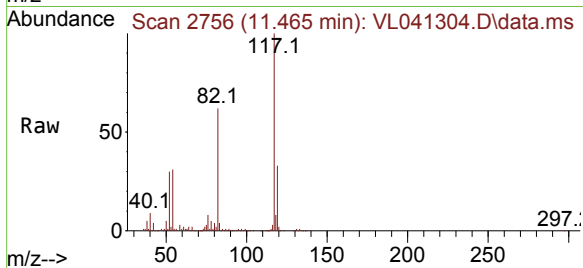




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.465 min Scan# 2756
Delta R.T. -0.016 min
Lab File: VL041304.D
Acq: 4 Jun 2024 13:09

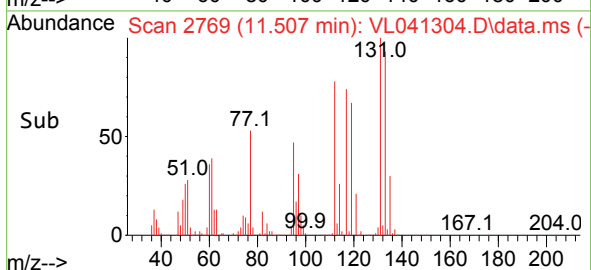
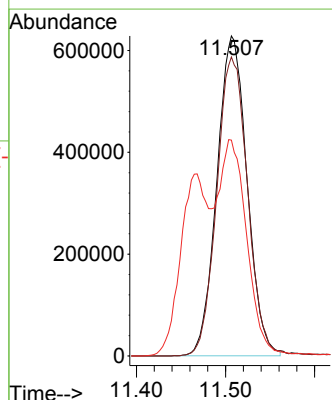
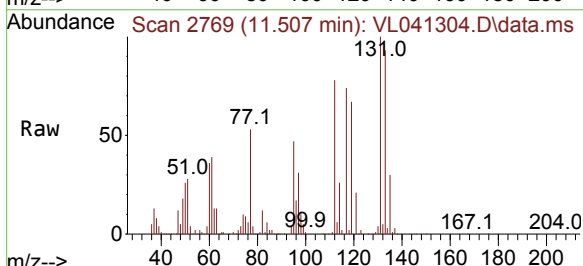
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

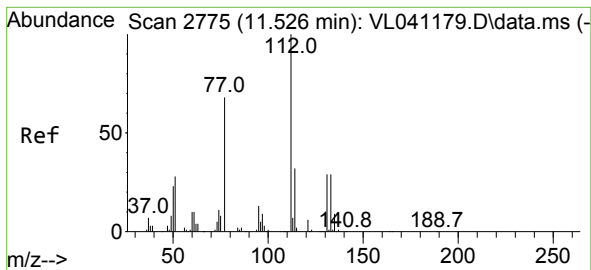
Tgt Ion:117 Resp: 2561113
Ion Ratio Lower Upper
117 100
82 66.3 53.6 80.4
119 28.5 27.2 40.8



#56
1,1,1,2-Tetrachloroethane
Concen: 14.210 ppbv
RT: 11.507 min Scan# 2769
Delta R.T. -0.016 min
Lab File: VL041304.D
Acq: 4 Jun 2024 13:09

Tgt Ion:131 Resp: 1475694
Ion Ratio Lower Upper
131 100
133 96.6 76.3 114.5
119 69.0 49.4 74.2

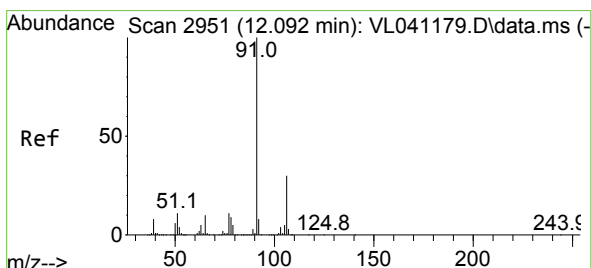
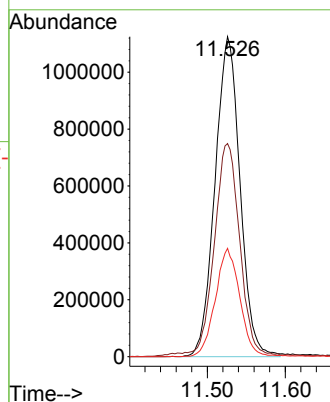
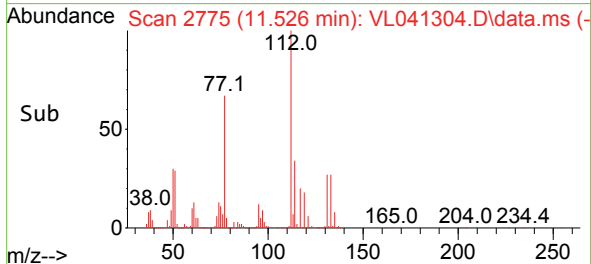
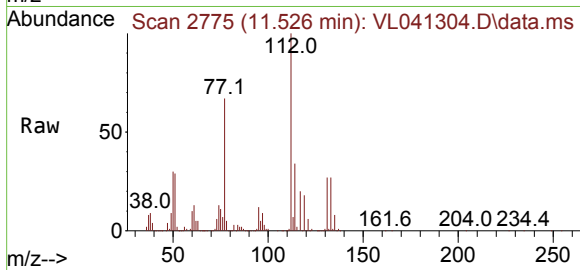




#57
Chlorobenzene
Concen: 13.396 ppbv
RT: 11.526 min Scan# 211
Delta R.T. -0.016 min
Lab File: VL041304.D
Acq: 4 Jun 2024 13:09

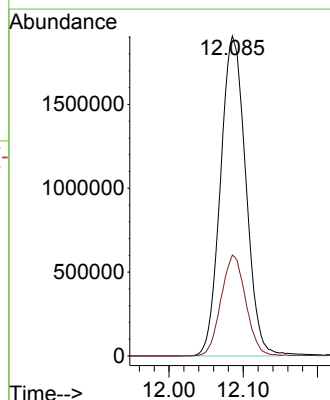
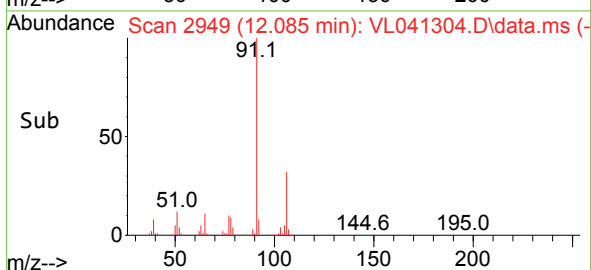
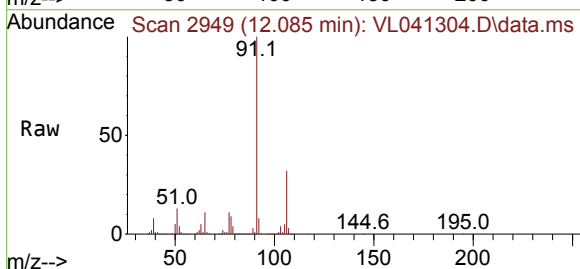
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

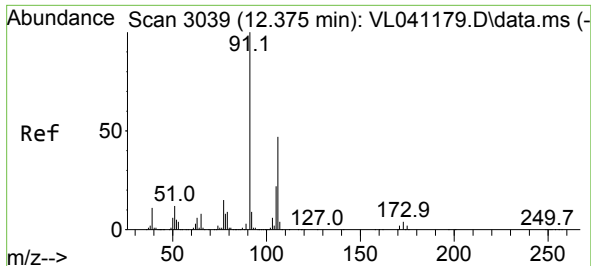
Tgt Ion:112 Resp: 2512568
Ion Ratio Lower Upper
112 100
77 66.1 54.9 82.3
114 33.8 28.7 35.1



#58
Ethyl Benzene
Concen: 12.820 ppbv
RT: 12.085 min Scan# 2949
Delta R.T. -0.016 min
Lab File: VL041304.D
Acq: 4 Jun 2024 13:09

Tgt Ion: 91 Resp: 4501916
Ion Ratio Lower Upper
91 100
106 31.6 24.3 36.5

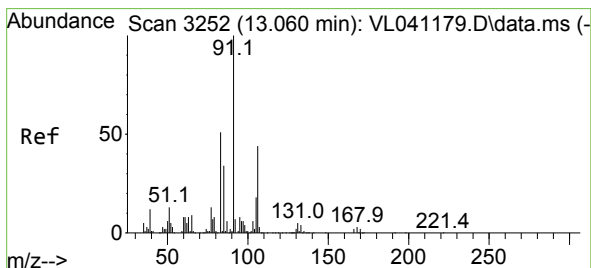
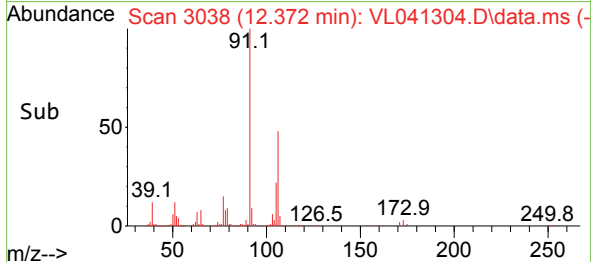
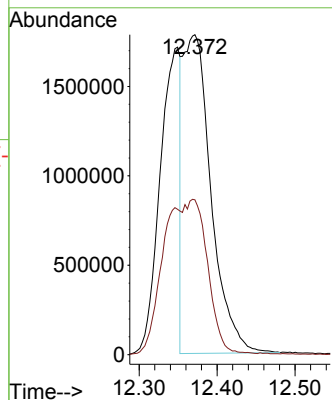
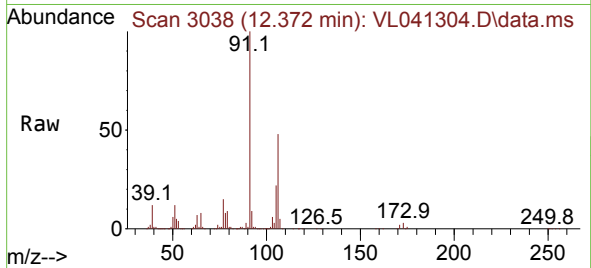




#59
m/p-Xylene
Concen: 15.116 ppbv
RT: 12.372 min Scan# 3038
Delta R.T. -0.013 min
Lab File: VL041304.D
Acq: 4 Jun 2024 13:09

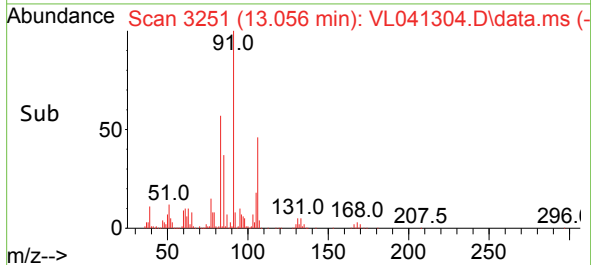
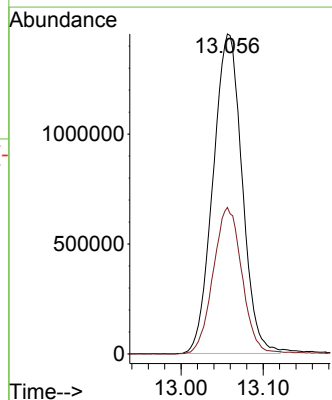
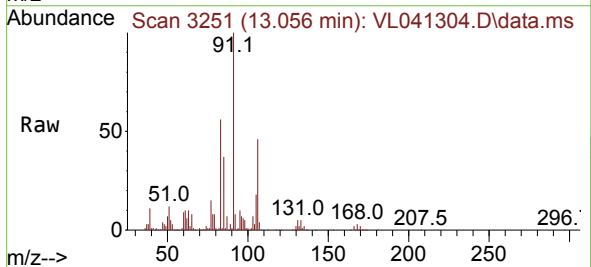
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

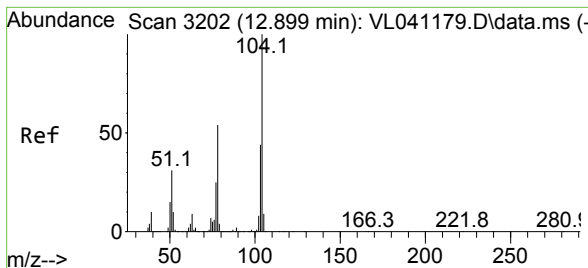
Tgt Ion: 91 Resp: 4461425
Ion Ratio Lower Upper
91 100
106 76.7 35.7 53.5#



#60
o-Xylene
Concen: 12.922 ppbv
RT: 13.056 min Scan# 3251
Delta R.T. -0.013 min
Lab File: VL041304.D
Acq: 4 Jun 2024 13:09

Tgt Ion: 91 Resp: 3575183
Ion Ratio Lower Upper
91 100
106 46.2 22.4 67.3





#61

Styrene

Concen: 13.592 ppbv

RT: 12.896 min Scan# 31

Delta R.T. -0.013 min

Lab File: VL041304.D

Acq: 4 Jun 2024 13:09

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

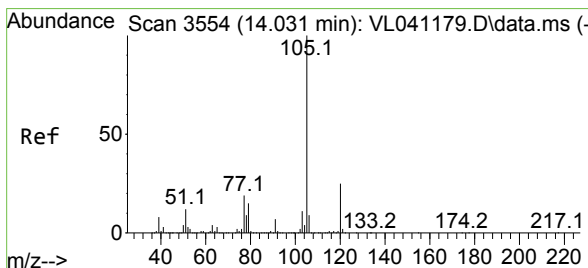
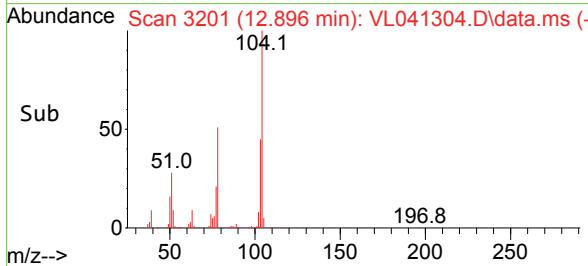
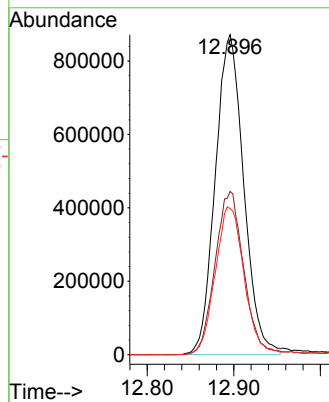
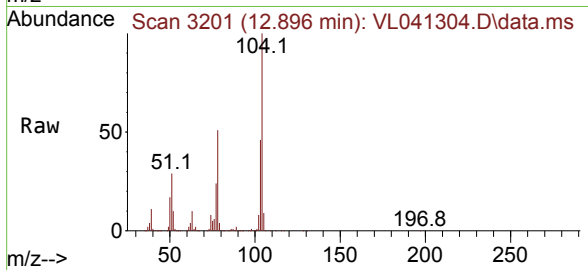
Tgt Ion:104 Resp: 1986499

Ion Ratio Lower Upper

104 100

78 52.0 42.6 63.8

103 47.6 38.4 57.6



#62

Isopropylbenzene

Concen: 12.982 ppbv

RT: 14.027 min Scan# 3553

Delta R.T. -0.016 min

Lab File: VL041304.D

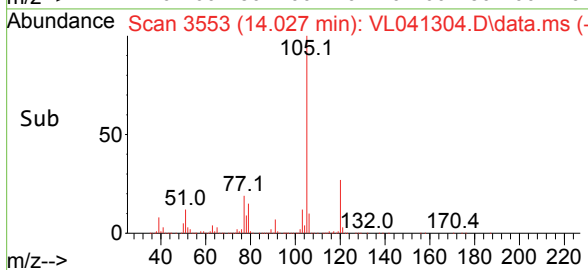
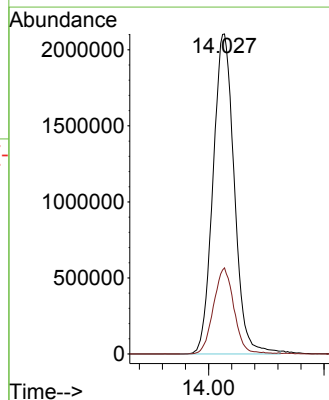
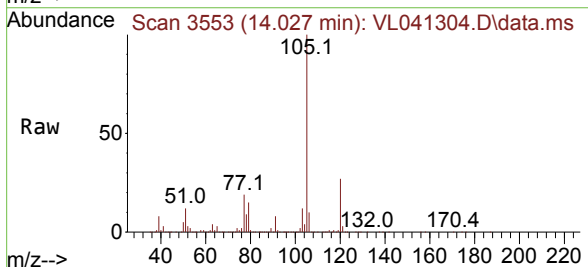
Acq: 4 Jun 2024 13:09

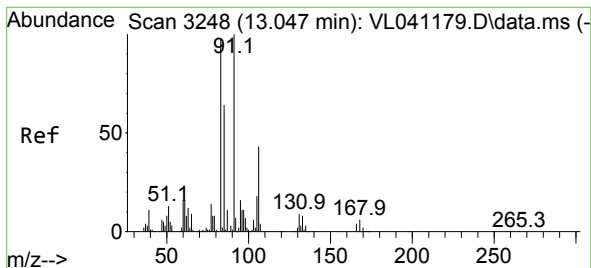
Tgt Ion:105 Resp: 5372373

Ion Ratio Lower Upper

105 100

120 26.2 20.2 30.2





#63

1,1,2,2-Tetrachloroethane

Concen: 13.404 ppbv

RT: 13.044 min Scan# 31

Delta R.T. -0.016 min

Lab File: VL041304.D

Acq: 4 Jun 2024 13:09

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC015

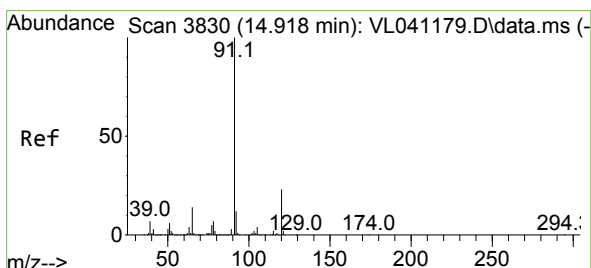
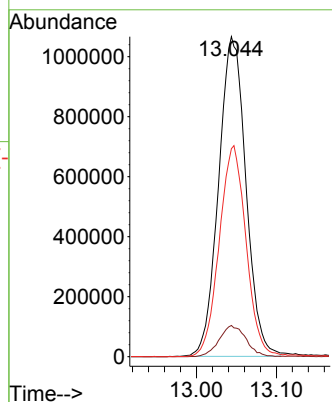
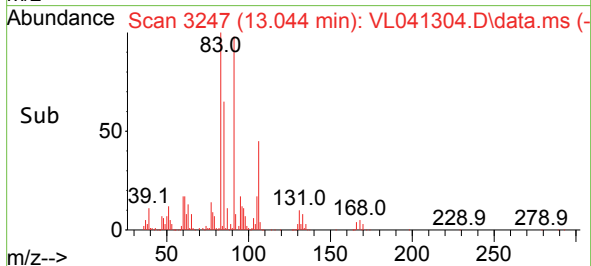
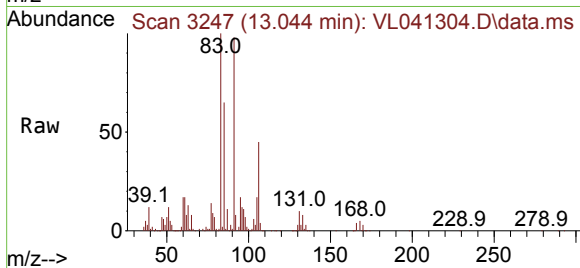
Tgt Ion: 83 Resp: 2527715

Ion Ratio Lower Upper

83 100

131 9.6 4.5 13.5

85 65.2 32.7 98.1



#64

n-propylbenzene

Concen: 13.733 ppbv

RT: 14.912 min Scan# 3828

Delta R.T. -0.019 min

Lab File: VL041304.D

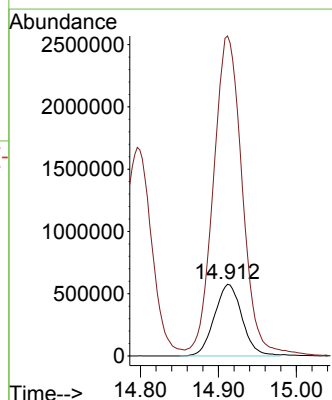
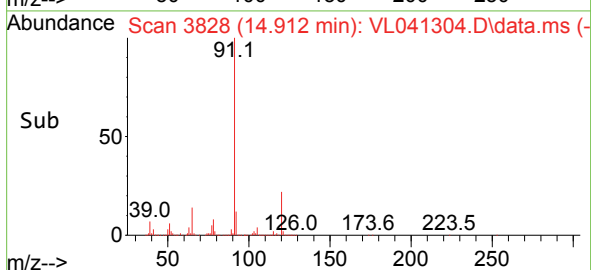
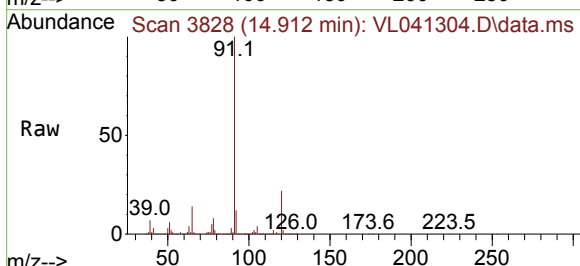
Acq: 4 Jun 2024 13:09

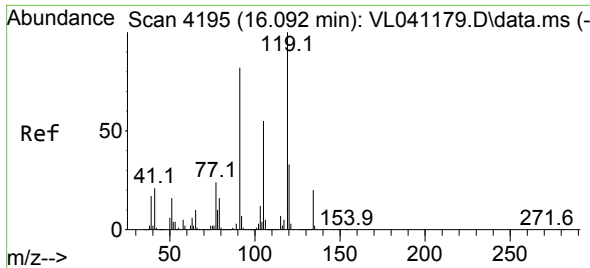
Tgt Ion:120 Resp: 1417869

Ion Ratio Lower Upper

120 100

91 469.4 384.8 577.2

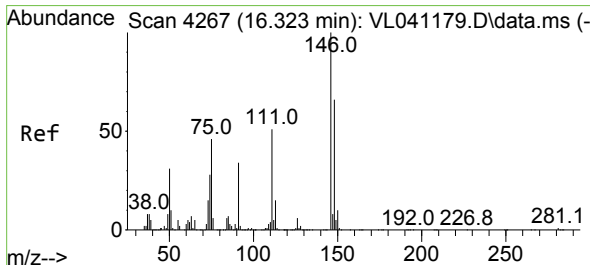
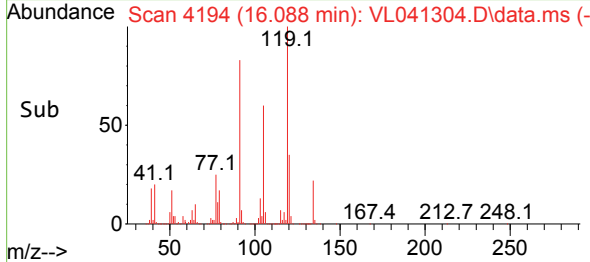
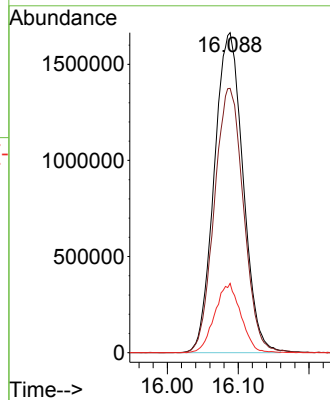
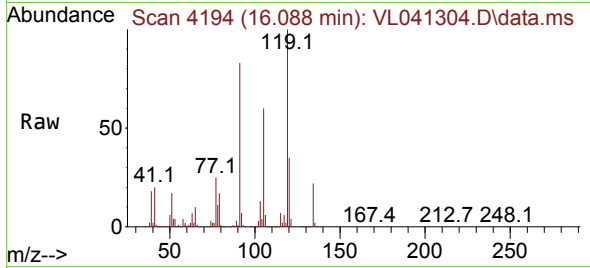




#65
tert-Butylbenzene
Concen: 12.664 ppbv
RT: 16.088 min Scan# 4195
Delta R.T. -0.013 min
Lab File: VL041304.D
Acq: 4 Jun 2024 13:09

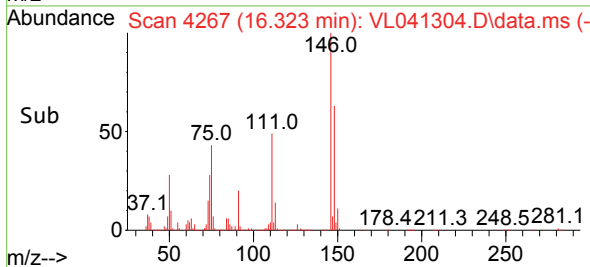
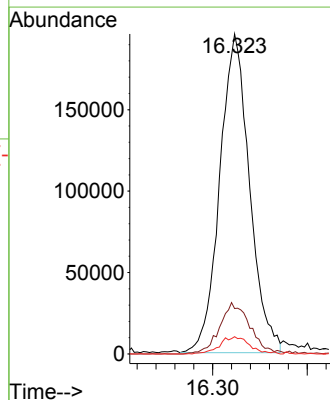
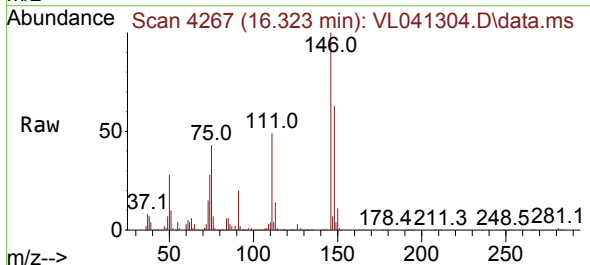
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

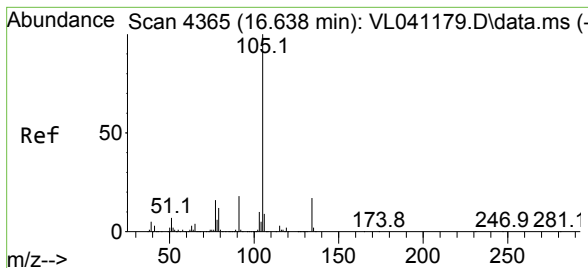
Tgt Ion:119 Resp: 4693989
Ion Ratio Lower Upper
119 100
91 84.0 67.0 100.4
134 19.7 15.2 22.8



#66
Benzyl Chloride
Concen: 10.200 ppbv
RT: 16.323 min Scan# 4267
Delta R.T. -0.022 min
Lab File: VL041304.D
Acq: 4 Jun 2024 13:09

Tgt Ion: 91 Resp: 427958
Ion Ratio Lower Upper
91 100
126 16.8 14.6 21.8
128 5.5 4.7 7.1

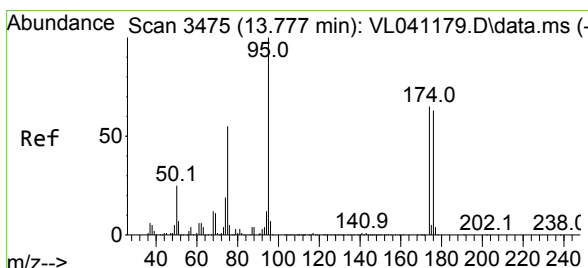
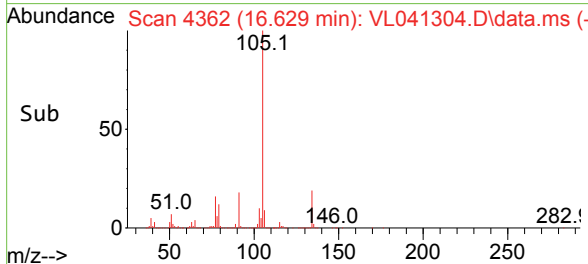
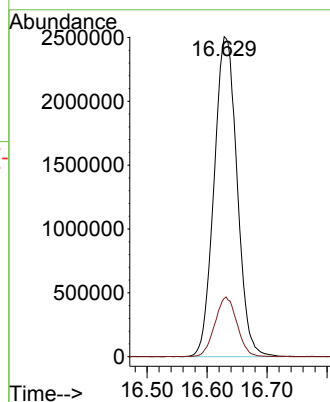
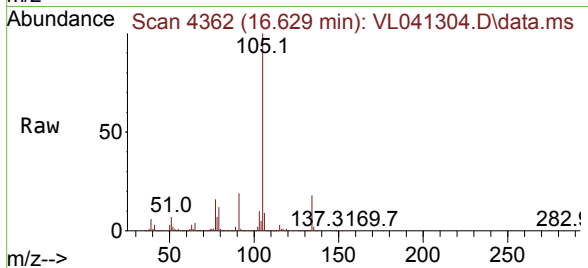




#67
 sec-Butylbenzene
 Concen: 12.767 ppbv
 RT: 16.629 min Scan# 41
 Delta R.T. -0.019 min
 Lab File: VL041304.D
 Acq: 4 Jun 2024 13:09

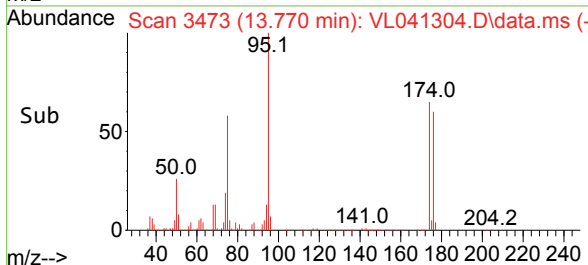
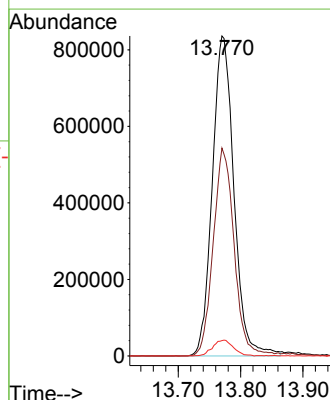
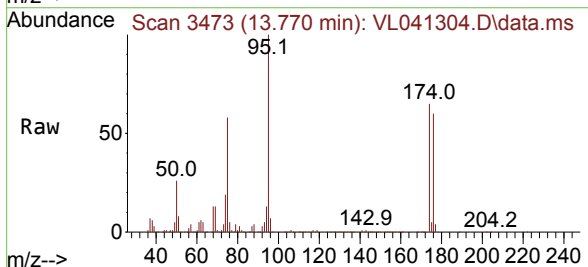
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

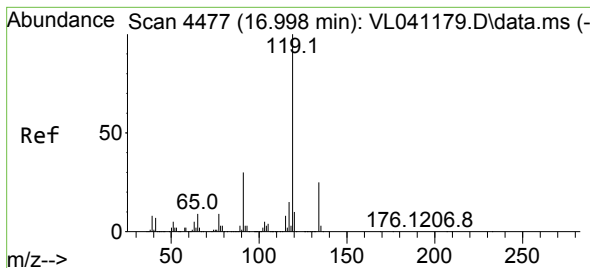
Tgt Ion:105 Resp: 6661169
 Ion Ratio Lower Upper
 105 100
 134 18.1 13.8 20.8



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.408 ppbv
 RT: 13.770 min Scan# 3473
 Delta R.T. -0.016 min
 Lab File: VL041304.D
 Acq: 4 Jun 2024 13:09

Tgt Ion: 95 Resp: 2012311
 Ion Ratio Lower Upper
 95 100
 174 63.8 53.6 80.4
 175 4.8 4.2 6.4

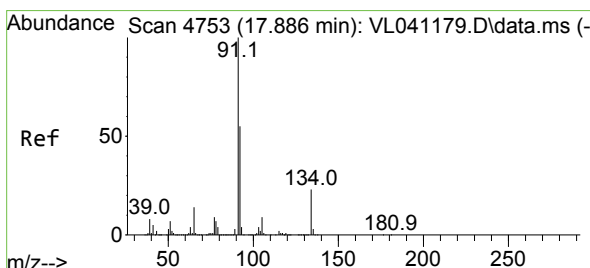
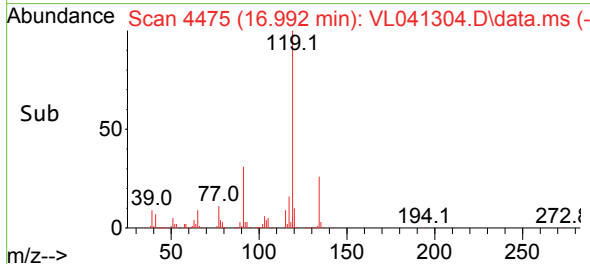
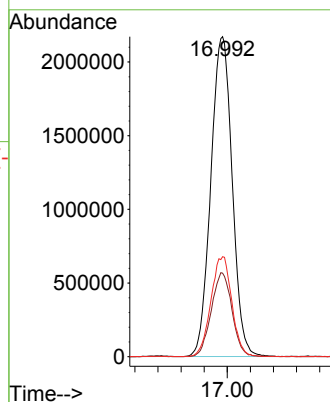
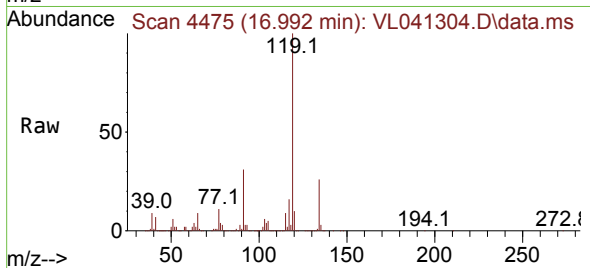




#69
p-Isopropyltoluene
Concen: 12.953 ppbv
RT: 16.992 min Scan# 4475
Delta R.T. -0.016 min
Lab File: VL041304.D
Acq: 4 Jun 2024 13:09

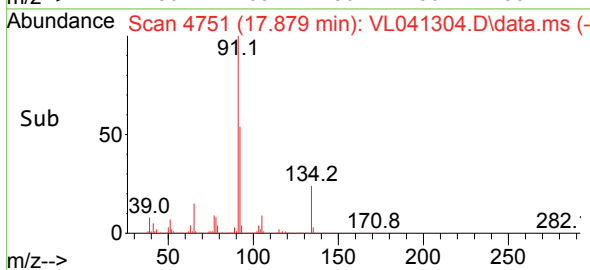
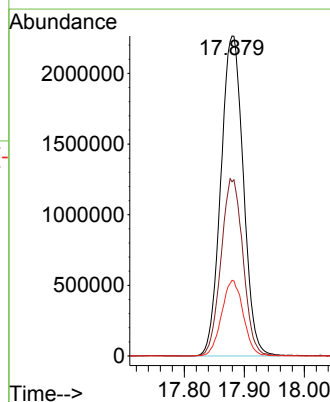
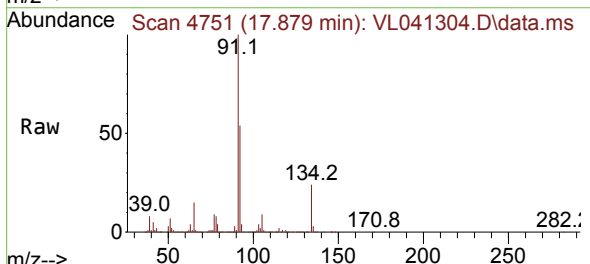
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

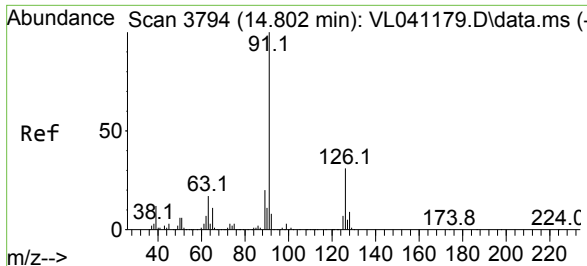
Tgt Ion:119 Resp: 5569510
Ion Ratio Lower Upper
119 100
134 25.5 20.1 30.1
91 30.7 24.2 36.2



#70
n-Butylbenzene
Concen: 13.082 ppbv
RT: 17.879 min Scan# 4751
Delta R.T. -0.019 min
Lab File: VL041304.D
Acq: 4 Jun 2024 13:09

Tgt Ion: 91 Resp: 5874661
Ion Ratio Lower Upper
91 100
92 54.4 43.3 64.9
134 22.8 17.8 26.8

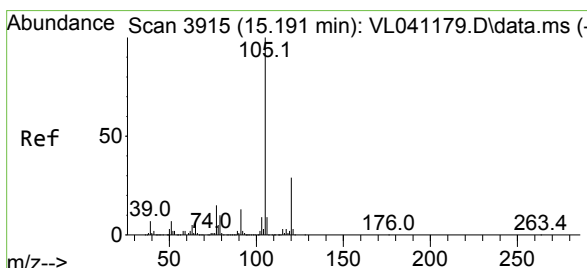
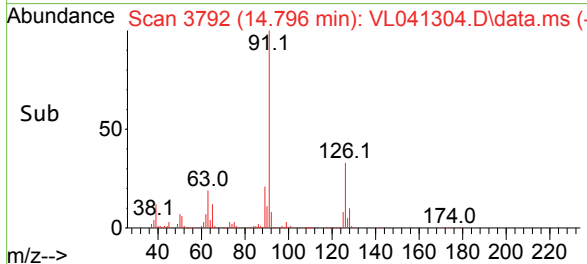
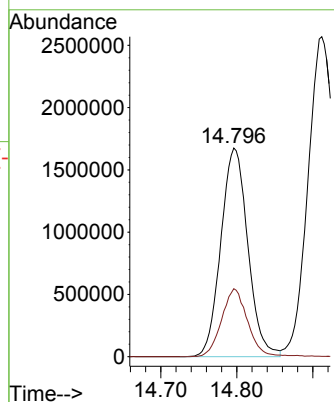
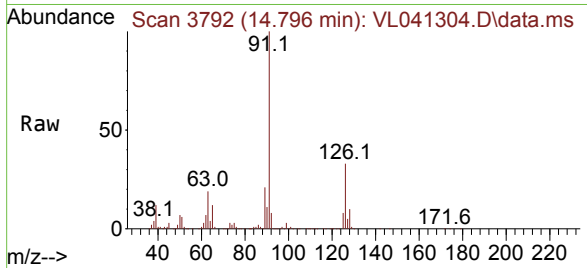




#71
2-Chlorotoluene
Concen: 13.112 ppbv
RT: 14.796 min Scan# 31
Delta R.T. -0.016 min
Lab File: VL041304.D
Acq: 4 Jun 2024 13:09

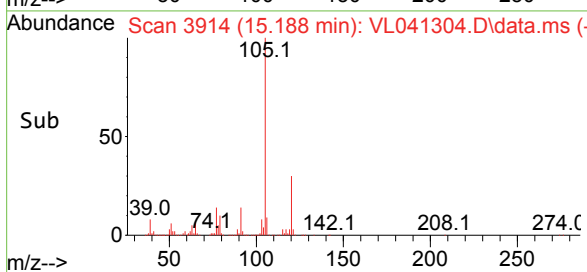
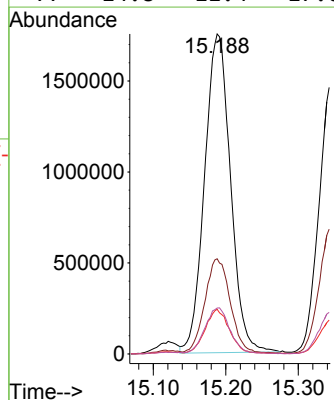
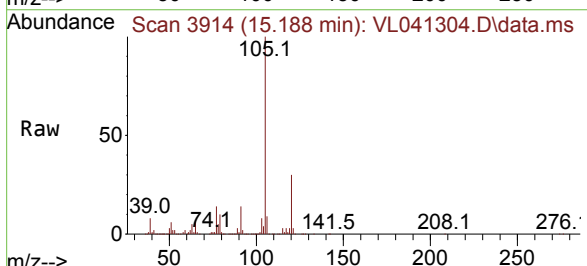
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

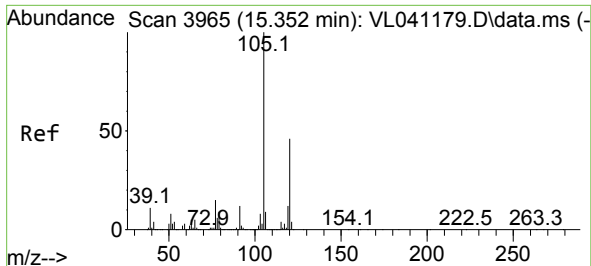
Tgt Ion: 91 Resp: 4131301
Ion Ratio Lower Upper
91 100
126 31.8 12.2 48.8



#72
4-Ethyltoluene
Concen: 13.878 ppbv
RT: 15.188 min Scan# 3914
Delta R.T. -0.019 min
Lab File: VL041304.D
Acq: 4 Jun 2024 13:09

Tgt Ion: 105 Resp: 4349069
Ion Ratio Lower Upper
105 100
120 29.8 24.7 37.1
91 13.1 10.3 15.5
77 14.8 11.4 17.0

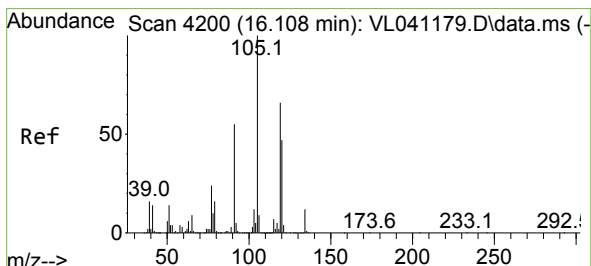
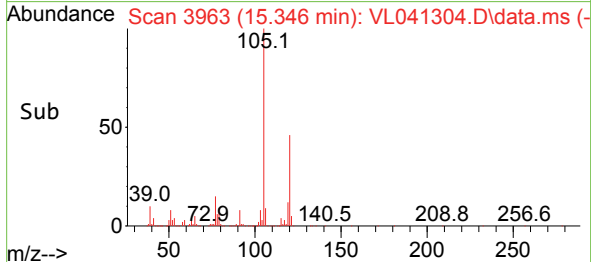
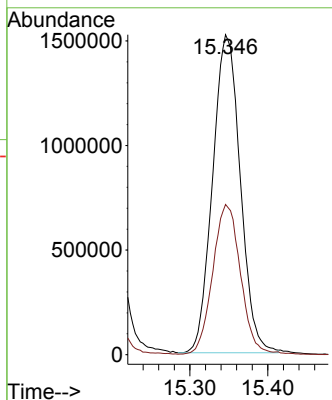
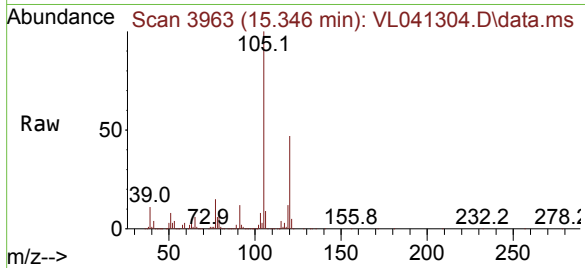




#73
 1,3,5-Trimethylbenzene
 Concen: 13.217 ppbv
 RT: 15.346 min Scan# 3965
 Delta R.T. -0.019 min
 Lab File: VL041304.D
 Acq: 4 Jun 2024 13:09

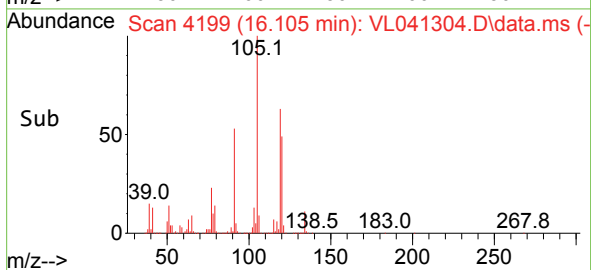
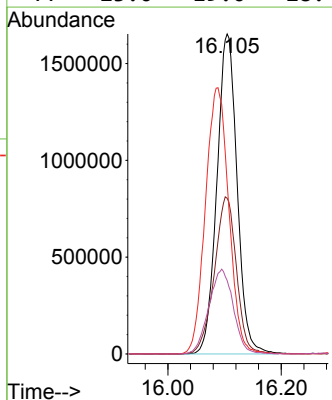
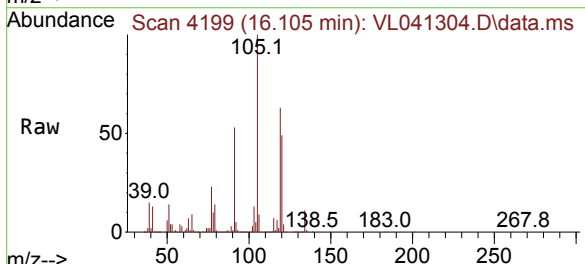
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

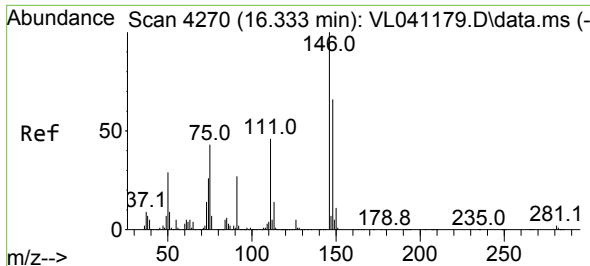
Tgt Ion:105 Resp: 3747510
 Ion Ratio Lower Upper
 105 100
 120 47.1 37.0 55.4



#74
 1,2,4-Trimethylbenzene
 Concen: 13.204 ppbv
 RT: 16.105 min Scan# 4199
 Delta R.T. -0.016 min
 Lab File: VL041304.D
 Acq: 4 Jun 2024 13:09

Tgt Ion:105 Resp: 4088982
 Ion Ratio Lower Upper
 105 100
 120 48.7 37.8 56.6
 91 53.4 44.3 66.5
 77 23.0 19.0 28.4

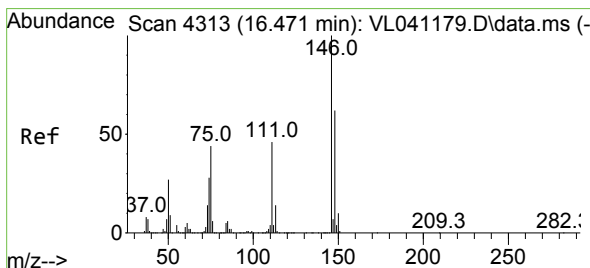
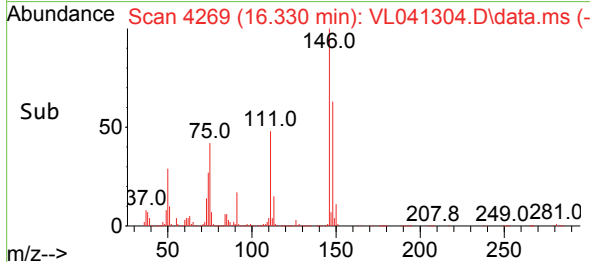
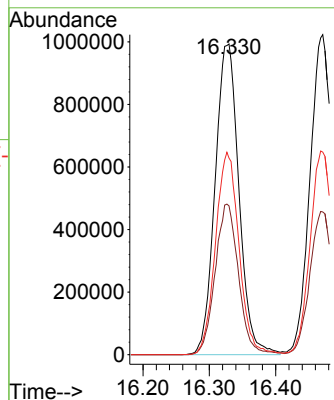
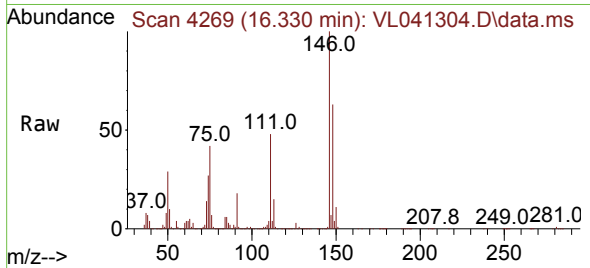




#75
1,3-Dichlorobenzene
Concen: 13.986 ppbv
RT: 16.330 min Scan# 4270
Delta R.T. -0.013 min
Lab File: VL041304.D
Acq: 4 Jun 2024 13:09

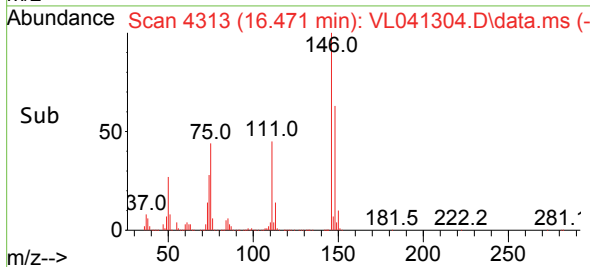
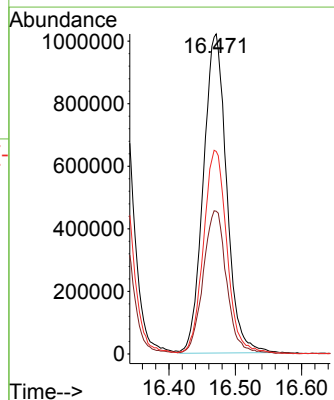
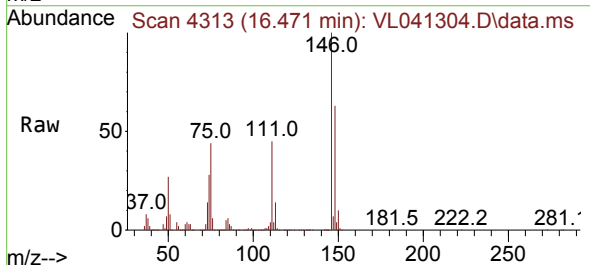
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

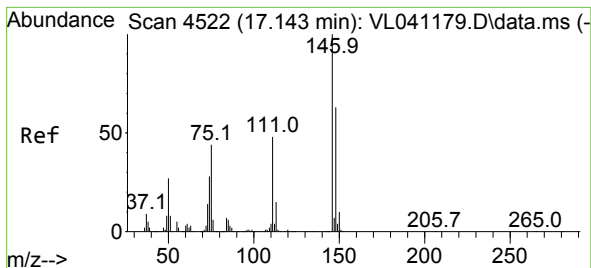
Tgt Ion:146 Resp: 2483511
Ion Ratio Lower Upper
146 100
111 47.5 23.7 71.1
148 64.2 32.5 97.4



#76
1,4-Dichlorobenzene
Concen: 14.568 ppbv
RT: 16.471 min Scan# 4313
Delta R.T. -0.013 min
Lab File: VL041304.D
Acq: 4 Jun 2024 13:09

Tgt Ion:146 Resp: 2487654
Ion Ratio Lower Upper
146 100
111 45.5 23.3 69.8
148 64.7 32.6 97.7





#77

1,2-Dichlorobenzene

Concen: 13.578 ppbv

RT: 17.140 min Scan# 41

Delta R.T. -0.019 min

Lab File: VL041304.D

Acq: 4 Jun 2024 13:09

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

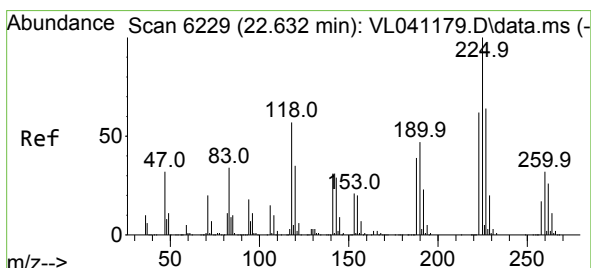
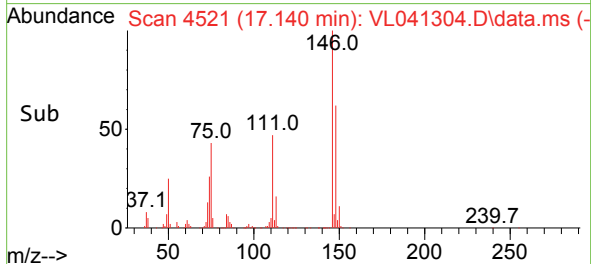
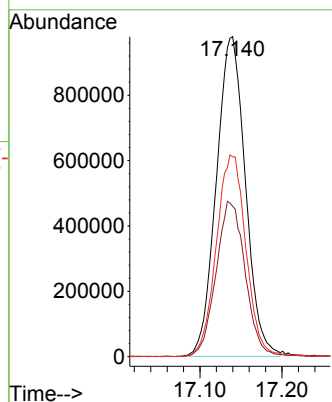
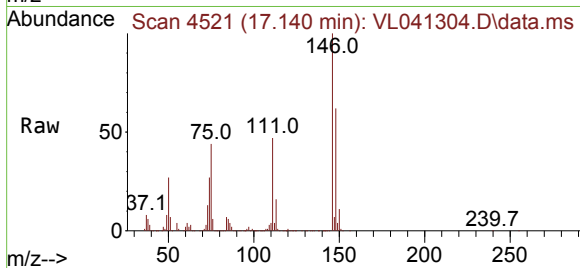
Tgt Ion:146 Resp: 2410095

Ion Ratio Lower Upper

146 100

111 48.9 24.5 73.5

148 64.4 32.6 98.0



#78

Hexachloro-1,3-Butadiene

Concen: 11.350 ppbv

RT: 22.625 min Scan# 6227

Delta R.T. -0.022 min

Lab File: VL041304.D

Acq: 4 Jun 2024 13:09

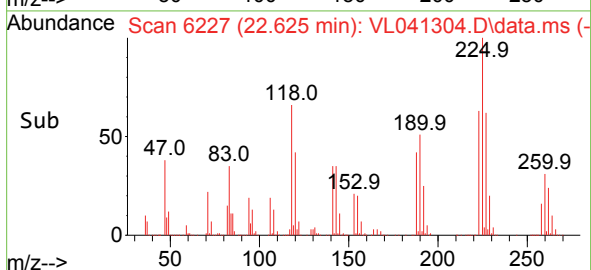
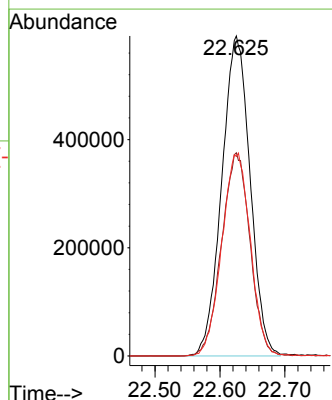
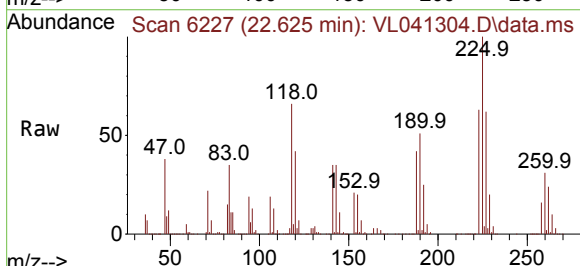
Tgt Ion:225 Resp: 1790598

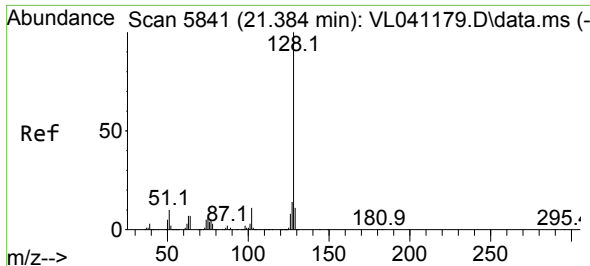
Ion Ratio Lower Upper

225 100

223 63.9 50.9 76.3

227 63.9 52.0 78.0

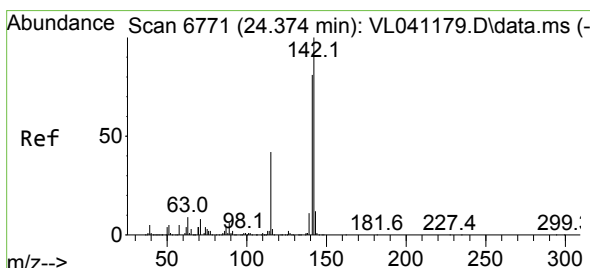
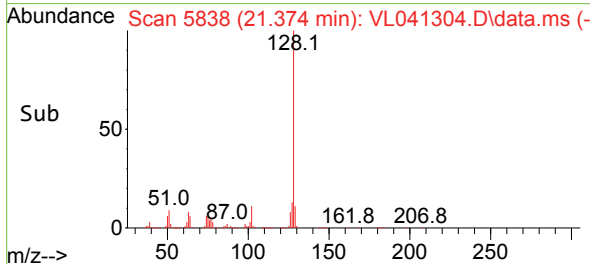
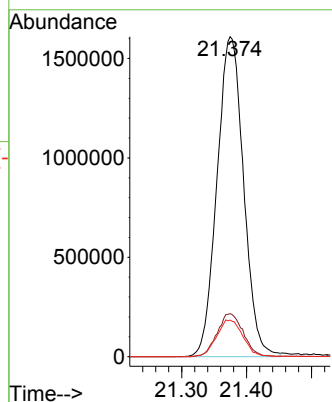
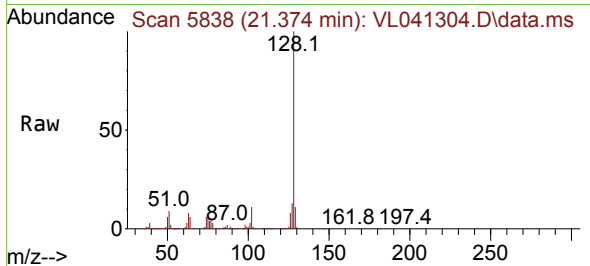




#79
Naphthalene
Concen: 15.473 ppbv
RT: 21.374 min Scan# 5838
Delta R.T. -0.026 min
Lab File: VL041304.D
Acq: 4 Jun 2024 13:09

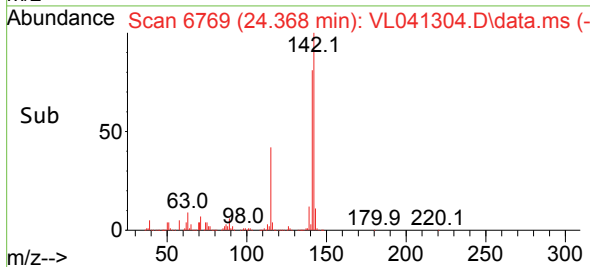
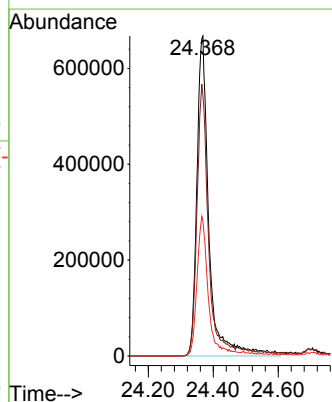
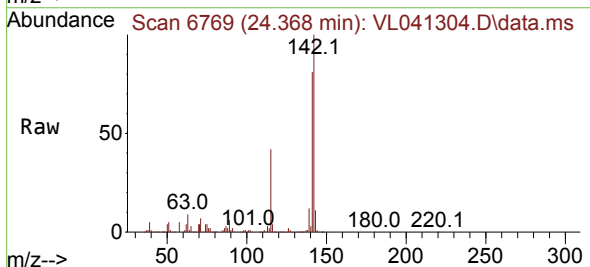
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

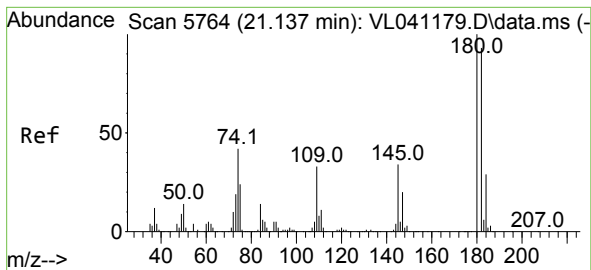
Tgt Ion:128 Resp: 4562881
Ion Ratio Lower Upper
128 100
127 13.5 10.8 16.2
129 11.5 8.9 13.3



#80
Naphthalene,2-methyl-
Concen: 14.566 ppbv
RT: 24.368 min Scan# 6769
Delta R.T. -0.019 min
Lab File: VL041304.D
Acq: 4 Jun 2024 13:09

Tgt Ion:142 Resp: 1727997
Ion Ratio Lower Upper
142 100
141 82.2 67.9 101.9
115 42.3 31.4 47.0





#81
 1,2,4-Trichlorobenzene
 Concen: 13.752 ppbv
 RT: 21.133 min Scan# 51
 Delta R.T. -0.019 min
 Lab File: VL041304.D
 Acq: 4 Jun 2024 13:09

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

Tgt Ion:180 Resp: 2141377
 Ion Ratio Lower Upper
 180 100
 182 97.7 77.2 115.8
 184 30.9 24.6 36.8

