

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL042524\
 Data File : VL041164.D
 Acq On : 25 Apr 2024 9:31
 Operator : SY/MD
 Sample : VSTDC0010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDC0010

Quant Time: Apr 26 03:09:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL040424AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Apr 26 03:09:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.179	49	1193150	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.635	114	3003726	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.442	117	3003933	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.748	95	2481141	10.272	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.700%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.729	85	1832947	8.981	ppbv	100
3) Chlorodifluoromethane	2.674	51	1877388	10.216	ppbv	100
4) Chloromethane	2.809	50	725773	10.436	ppbv	99
5) Vinyl Chloride	2.918	62	732924	10.910	ppbv	98
6) Bromomethane	3.118	94	271058	10.719	ppbv	94
7) Chloroethane	3.192	64	259596	10.529	ppbv	99
8) Dichlorotetrafluoroethane	2.854	85	1849230	10.621	ppbv	100
9) Propene	2.693	41	608635	10.411	ppbv	96
10) Heptane	7.558	43	1575237	11.349	ppbv	100
11) Trichlorofluoromethane	3.555	101	1920239	10.375	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.057	101	1405264	10.490	ppbv	99
13) Ethanol	3.234	45	130454	9.382	ppbv	95
14) Bromoethene	3.359	108	570957	10.821	ppbv	100
15) Acetone	3.459	43	1320426	10.221	ppbv	98
16) 1,3-Butadiene	2.983	39	711604	11.221	ppbv	99
17) tert-Butyl alcohol	3.867	59	1170616	10.005	ppbv	100
18) 1,1-Dichloroethene	3.870	96	620336	10.847	ppbv	96
19) Isopropyl Alcohol	3.568	45	852874	10.867	ppbv	99
20) Methylene Chloride	3.925	84	512727	9.622	ppbv	98
21) Allyl Chloride	3.986	41	839866	10.669	ppbv	99
22) trans-1,2-Dichloroethene	4.433	96	645705	10.770	ppbv	98
23) Vinyl Acetate	4.613	43	1477973	11.199	ppbv	98
24) 1,1-Dichloroethane	4.552	63	1296123	10.793	ppbv	99
25) Ethyl Acetate	5.188	43	2601632	10.723	ppbv	100
26) Hexane	5.195	57	1107800	10.176	ppbv	97
27) Carbon Disulfide	4.115	76	1507695	11.303	ppbv	99
28) Methyl tert-Butyl Ether	4.574	73	829759	10.100	ppbv	99
29) Chloroform	5.259	83	1944519	10.596	ppbv	100
30) Cyclohexane	6.581	84	935368	10.548	ppbv	97
31) cis-1,2-Dichloroethene	5.063	61	1112395	10.795	ppbv	97
32) 1,1,1-Trichloroethane	5.986	97	1878107	11.071	ppbv	99
34) 2-Butanone	4.771	43	1404282	11.048	ppbv	100
35) Carbon Tetrachloride	6.475	117	2009120	11.748	ppbv	97
36) Benzene	6.352	78	2398060	10.872	ppbv	100
37) 1,2-Dichloroethane	5.790	62	1463446	11.050	ppbv	100
38) Trichloroethene	7.272	130	959074	12.035	ppbv	96
39) 1,2-Dichloropropane	7.057	63	956481	10.997	ppbv	99
40) 1,4-Dioxane	7.266	88	348589	11.500	ppbv	93
41) Tetrahydrofuran	5.539	42	971571	11.480	ppbv	98
42) Bromodichloromethane	7.227	83	2187840	11.563	ppbv	94
43) Methyl Methacrylate	7.452	69	1002625	11.933	ppbv	98
44) 2,2,4-Trimethylpentane	7.304	57	4094686	11.213	ppbv	99
45) t-1,3-Dichloropropene	8.687	75	657642	13.282	ppbv	99

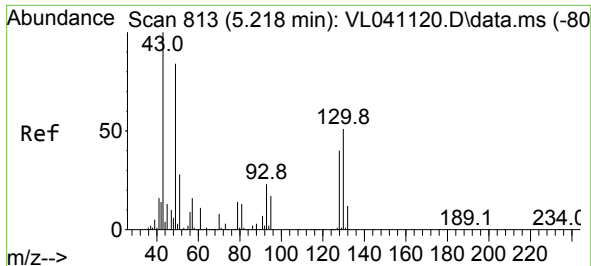
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL042524\
 Data File : VL041164.D
 Acq On : 25 Apr 2024 9:31
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Quant Time: Apr 26 03:09:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL040424AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Apr 26 03:09:28 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.121	75	837745	13.077	ppbv	97
47) 1,1,2-Trichloroethane	8.880	97	1053560	11.208	ppbv	95
48) Dibromochloromethane	9.687	129	1814010	12.157	ppbv	99
49) Bromoform	12.381	173	1495797	12.653	ppbv	100
50) 4-Methyl-2-Pentanone	8.159	43	2660459	11.894	ppbv	100
51) 2-Hexanone	9.526	43	1918955	12.373	ppbv	99
52) Tetrachloroethene	10.590	164	833689	11.846	ppbv	93
53) Toluene	9.198	91	2794400	12.031	ppbv	100
54) 1,2-Dibromoethane	9.986	107	1444699	12.323	ppbv	98
56) 1,1,1,2-Tetrachloroethane	11.484	131	1340138	10.856	ppbv	97
57) Chlorobenzene	11.500	112	2192247	10.661	ppbv	100
58) Ethyl Benzene	12.063	91	3840861	11.679	ppbv	97
59) m/p-Xylene	12.349	91	3556328	11.974	ppbv #	39
60) o-Xylene	13.034	91	3207911	11.399	ppbv	99
61) Styrene	12.873	104	1609501	12.907	ppbv	99
62) Isopropylbenzene	14.005	105	4637066	11.068	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.021	83	2502321	11.317	ppbv	99
64) n-propylbenzene	14.886	120	1225489	11.655	ppbv	99
65) tert-Butylbenzene	16.063	119	4170997	11.403	ppbv	100
66) Benzyl Chloride	16.297	91	291281	12.104	ppbv	98
67) sec-Butylbenzene	16.609	105	5962284	11.283	ppbv	100
69) p-Isopropyltoluene	16.969	119	4813456	11.680	ppbv	100
70) n-Butylbenzene	17.860	91	5253552	11.735	ppbv	100
71) 2-Chlorotoluene	14.773	91	3664869	11.405	ppbv	100
72) 4-Ethyltoluene	15.166	105	3741590	11.903	ppbv	99
73) 1,3,5-Trimethylbenzene	15.326	105	3231855	11.658	ppbv	99
74) 1,2,4-Trimethylbenzene	16.082	105	3606148	11.366	ppbv	98
75) 1,3-Dichlorobenzene	16.304	146	2091416	11.291	ppbv	99
76) 1,4-Dichlorobenzene	16.445	146	2066501	11.469	ppbv	99
77) 1,2-Dichlorobenzene	17.114	146	2058221	11.443	ppbv	99
78) Hexachloro-1,3-Butadiene	22.603	225	1270220	10.622	ppbv	100
79) Naphthalene	21.355	128	3007325	14.775	ppbv	99
80) Naphthalene,2-methyl-	24.355	142	532135	13.421	ppbv	97
81) 1,2,4-Trichlorobenzene	21.111	180	1471820	12.899	ppbv	99

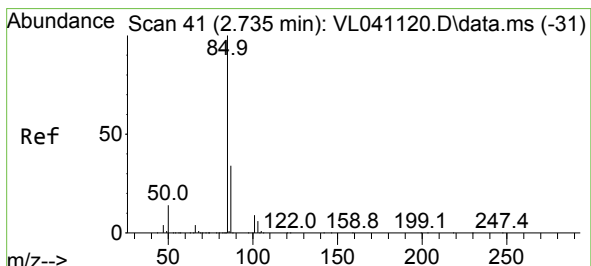
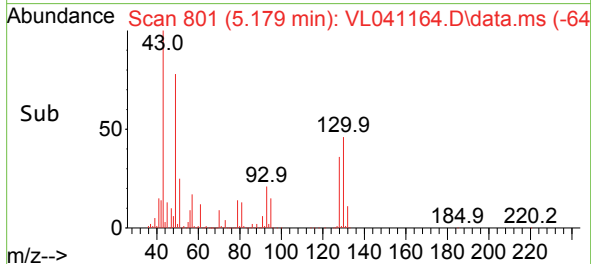
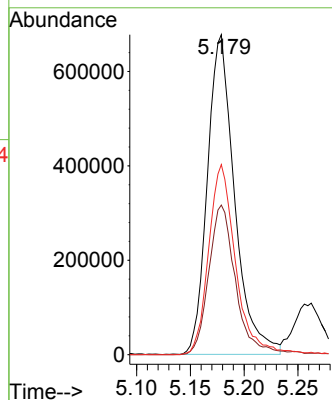
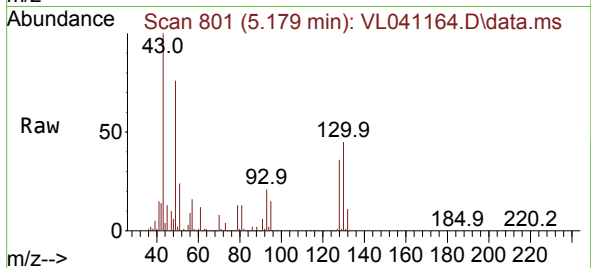
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.179 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VL041164.D
 Acq: 25 Apr 2024 9:31

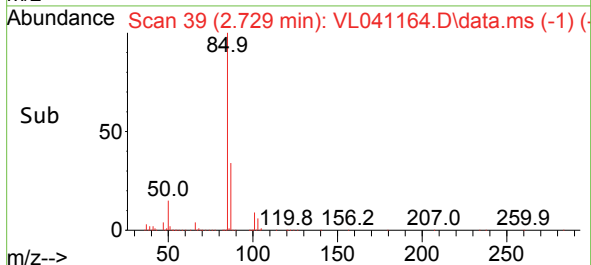
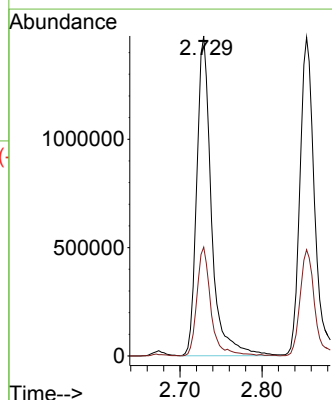
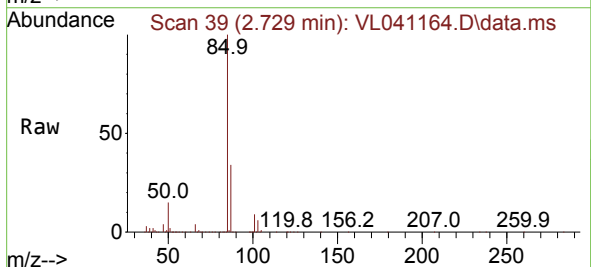
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

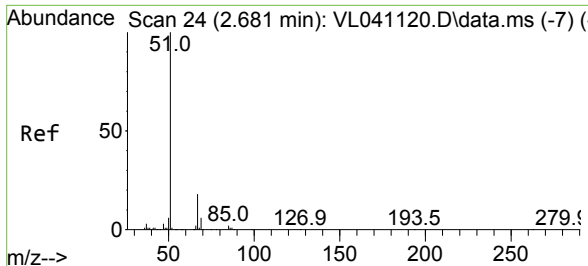
Tgt Ion: 49 Resp: 1193150
 Ion Ratio Lower Upper
 49 100
 128 46.8 23.6 71.0
 130 59.9 30.1 90.5



#2
 Dichlorodifluoromethane
 Concen: 8.981 ppbv
 RT: 2.729 min Scan# 39
 Delta R.T. 0.000 min
 Lab File: VL041164.D
 Acq: 25 Apr 2024 9:31

Tgt Ion: 85 Resp: 1832947
 Ion Ratio Lower Upper
 85 100
 87 34.0 27.0 40.6

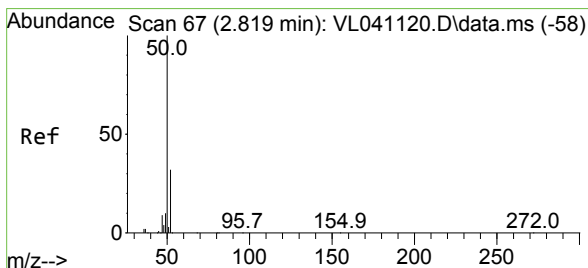
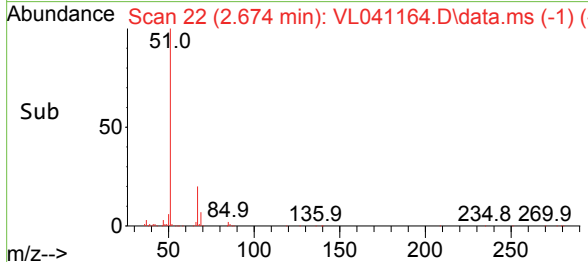
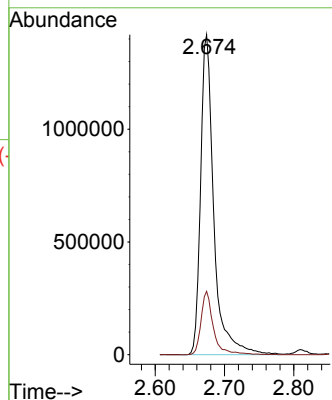
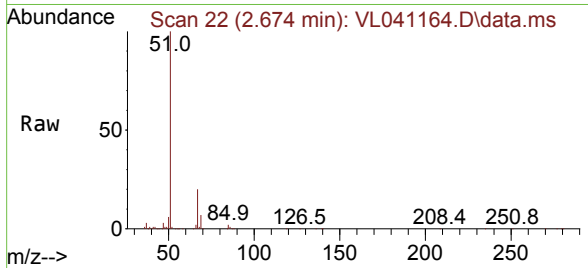




#3
Chlorodifluoromethane
Concen: 10.216 ppbv
RT: 2.674 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL041164.D
Acq: 25 Apr 2024 9:31

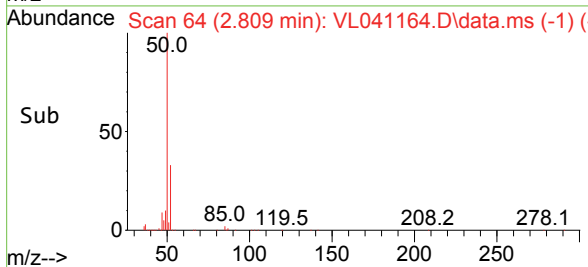
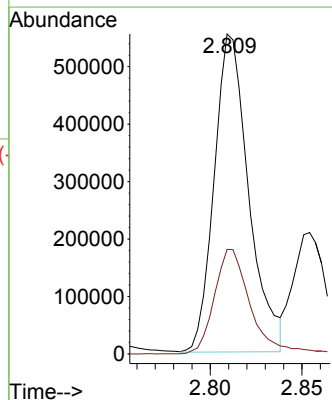
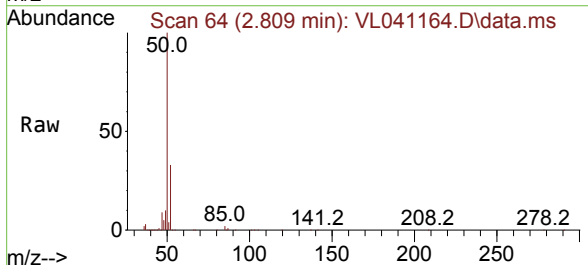
Instrument :
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ClientSampleId :
VSTDCCC010

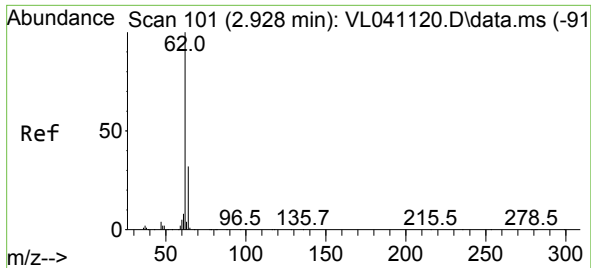
Tgt Ion: 51 Resp: 1877388
Ion Ratio Lower Upper
51 100
67 18.7 14.9 22.3



#4
Chloromethane
Concen: 10.436 ppbv
RT: 2.809 min Scan# 64
Delta R.T. 0.000 min
Lab File: VL041164.D
Acq: 25 Apr 2024 9:31

Tgt Ion: 50 Resp: 725773
Ion Ratio Lower Upper
50 100
52 32.8 26.0 39.0

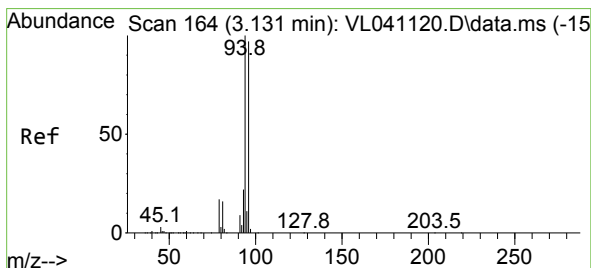
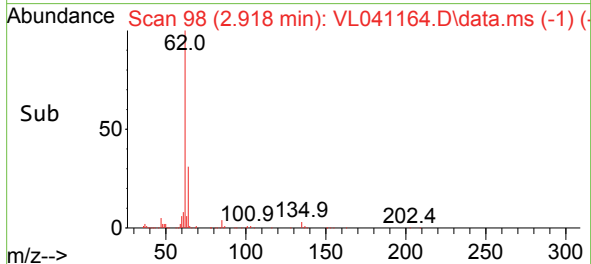
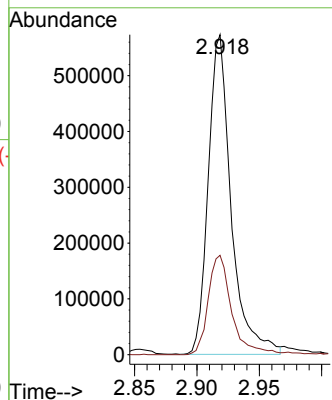
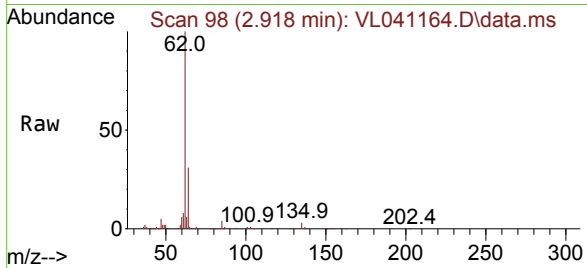




#5
 Vinyl Chloride
 Concen: 10.910 ppbv
 RT: 2.918 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VL041164.D
 Acq: 25 Apr 2024 9:31

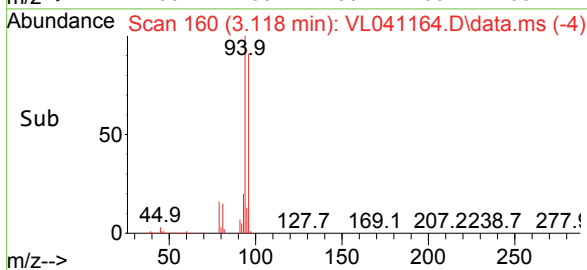
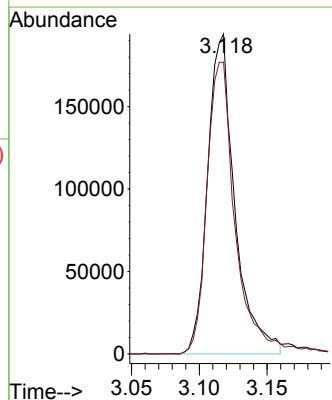
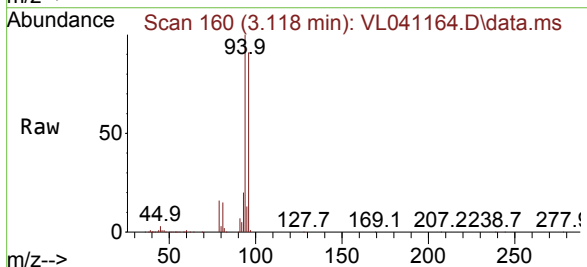
Instrument :
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 ClientSampleId :
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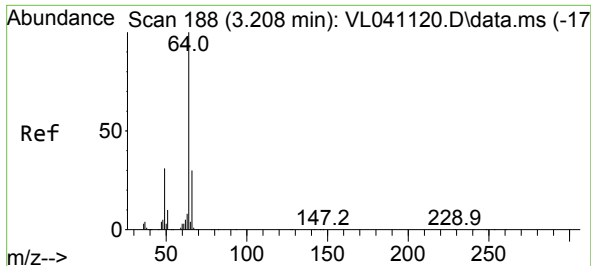
Tgt Ion: 62 Resp: 732924
 Ion Ratio Lower Upper
 62 100
 64 31.1 25.6 38.4



#6
 Bromomethane
 Concen: 10.719 ppbv
 RT: 3.118 min Scan# 160
 Delta R.T. 0.000 min
 Lab File: VL041164.D
 Acq: 25 Apr 2024 9:31

Tgt Ion: 94 Resp: 271058
 Ion Ratio Lower Upper
 94 100
 96 91.2 77.9 116.9

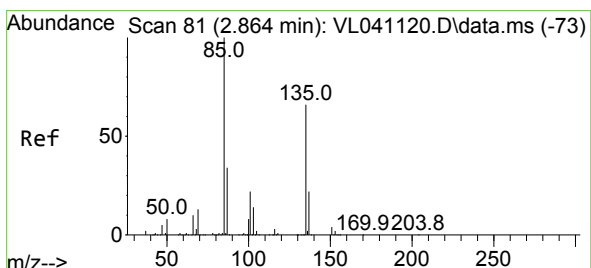
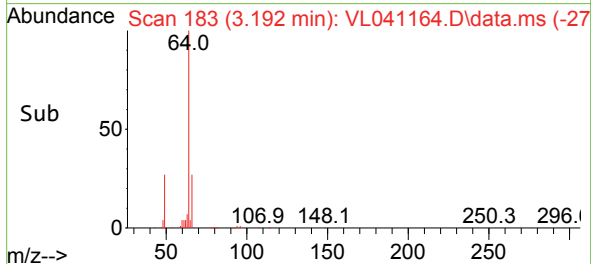
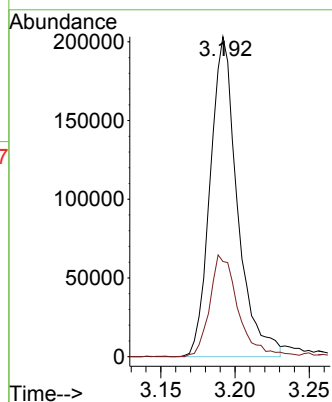
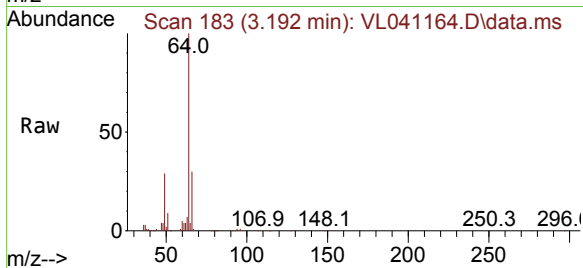




#7
Chloroethane
Concen: 10.529 ppbv
RT: 3.192 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL041164.D
Acq: 25 Apr 2024 9:31

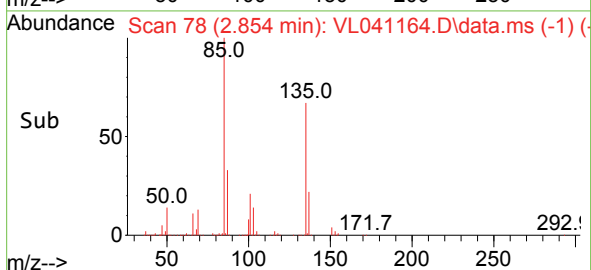
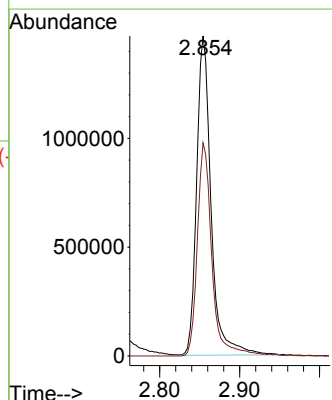
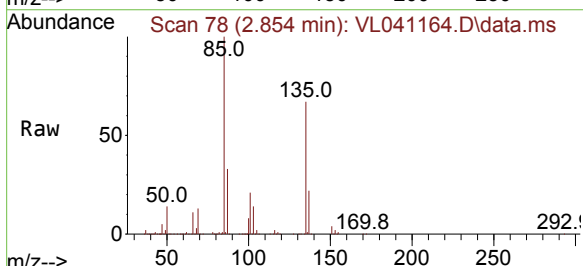
Instrument :
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ClientSampleId :
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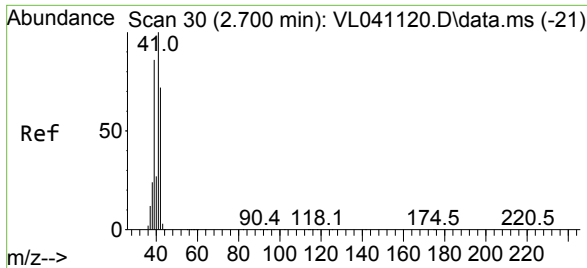
Tgt Ion: 64 Resp: 259596
Ion Ratio Lower Upper
64 100
66 29.7 24.2 36.4



#8
Dichlorotetrafluoroethane
Concen: 10.621 ppbv
RT: 2.854 min Scan# 78
Delta R.T. 0.000 min
Lab File: VL041164.D
Acq: 25 Apr 2024 9:31

Tgt Ion: 85 Resp: 1849230
Ion Ratio Lower Upper
85 100
135 67.7 54.2 81.2

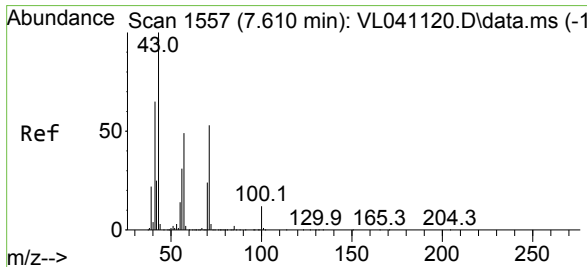
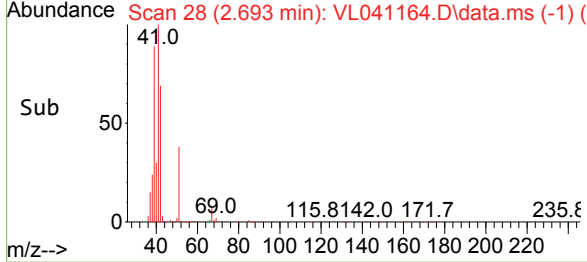
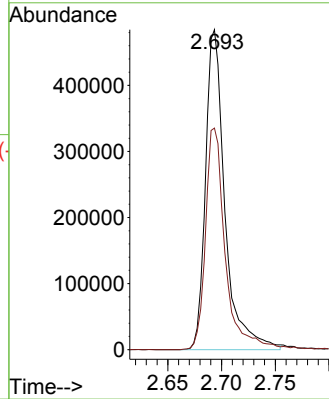
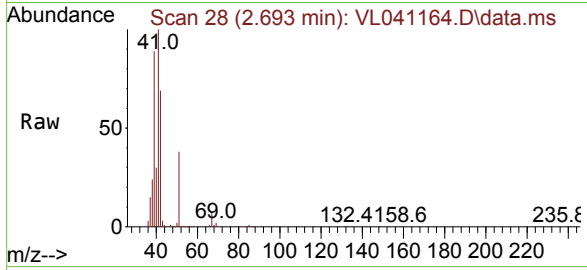




#9
 Propene
 Concen: 10.411 ppbv
 RT: 2.693 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VL041164.D
 Acq: 25 Apr 2024 9:31

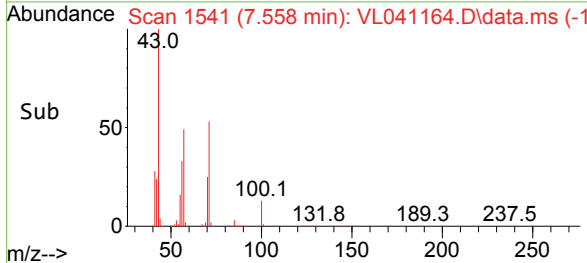
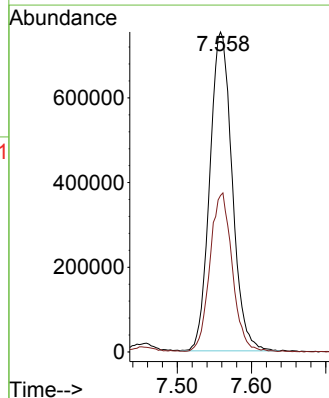
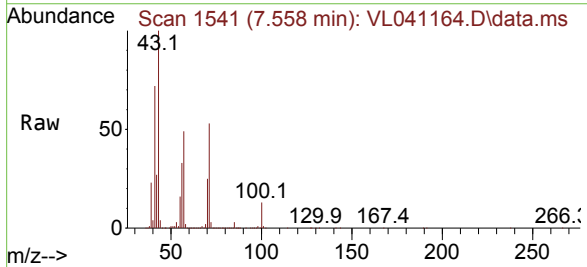
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

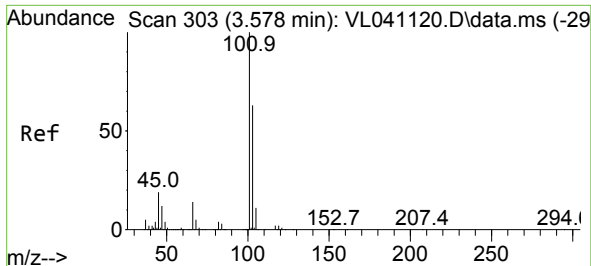
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 Ion Ratio Lower Upper
 41 100
 42 71.5 60.1 90.1



#10
 Heptane
 Concen: 11.349 ppbv
 RT: 7.558 min Scan# 1541
 Delta R.T. 0.000 min
 Lab File: VL041164.D
 Acq: 25 Apr 2024 9:31

Tgt Ion: 43 Resp: 1575237
 Ion Ratio Lower Upper
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 57 49.9 39.9 59.9

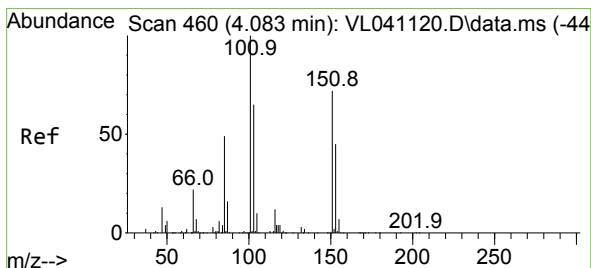
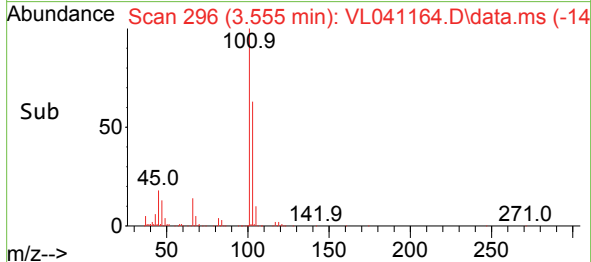
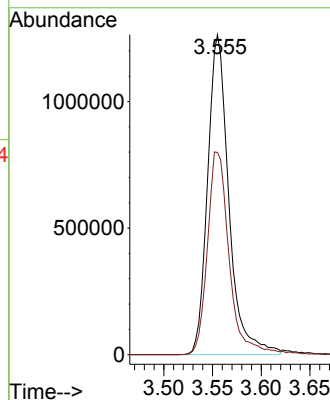
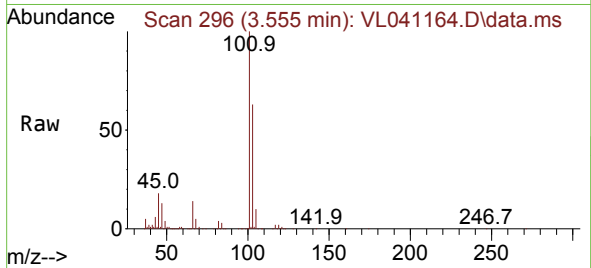




#11
 Trichlorofluoromethane
 Concen: 10.375 ppbv
 RT: 3.555 min Scan# 296
 Delta R.T. 0.000 min
 Lab File: VL041164.D
 Acq: 25 Apr 2024 9:31

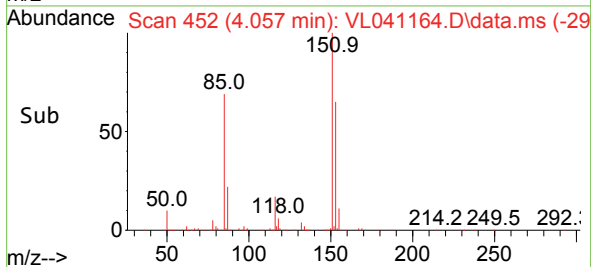
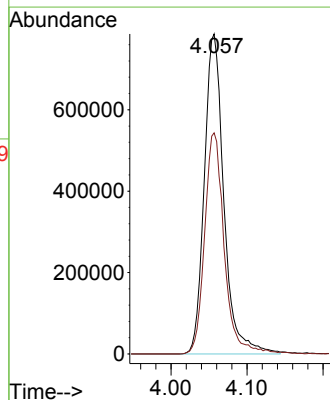
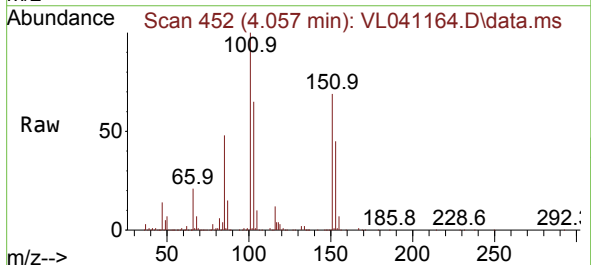
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

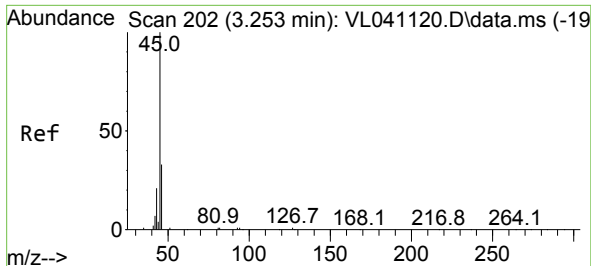
Tgt Ion:101 Resp: 1920239
 Ion Ratio Lower Upper
 101 100
 103 63.2 50.6 75.8



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.490 ppbv
 RT: 4.057 min Scan# 452
 Delta R.T. 0.000 min
 Lab File: VL041164.D
 Acq: 25 Apr 2024 9:31

Tgt Ion:101 Resp: 1405264
 Ion Ratio Lower Upper
 101 100
 151 69.6 56.2 84.4

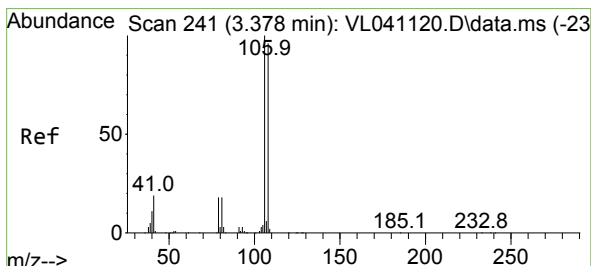
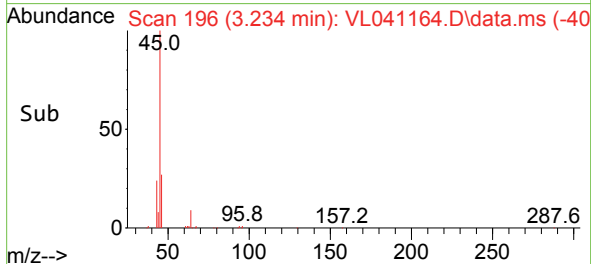
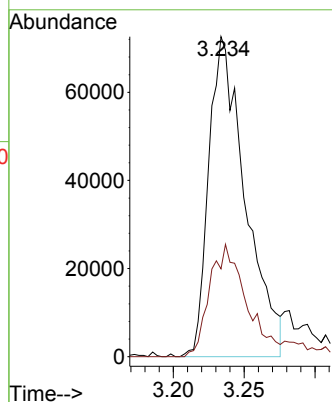
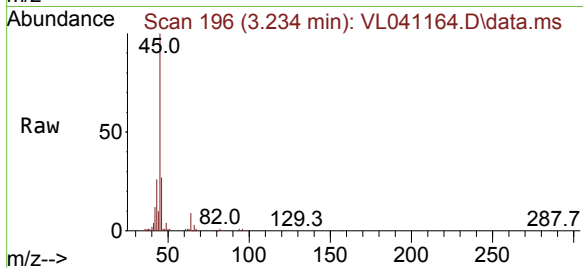




#13
Ethanol
Concen: 9.382 ppbv
RT: 3.234 min Scan# 196
Delta R.T. 0.000 min
Lab File: VL041164.D
Acq: 25 Apr 2024 9:31

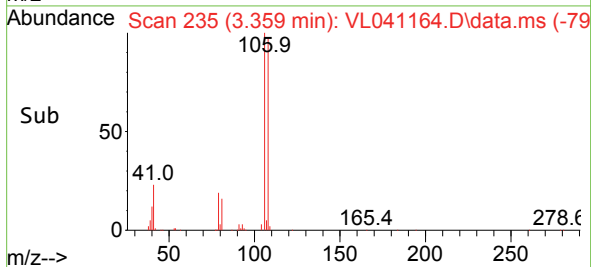
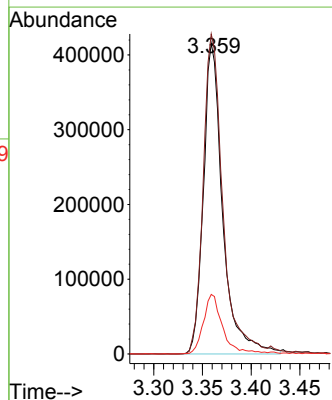
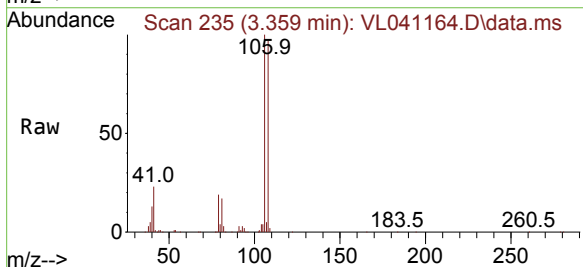
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

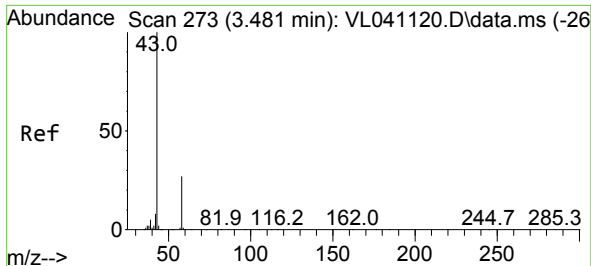
Tgt Ion: 45 Resp: 130454
Ion Ratio Lower Upper
45 100
46 40.4 15.0 59.8



#14
Bromoethene
Concen: 10.821 ppbv
RT: 3.359 min Scan# 235
Delta R.T. 0.000 min
Lab File: VL041164.D
Acq: 25 Apr 2024 9:31

Tgt Ion: 108 Resp: 570957
Ion Ratio Lower Upper
108 100
106 107.0 86.0 129.0
79 19.7 15.4 23.2

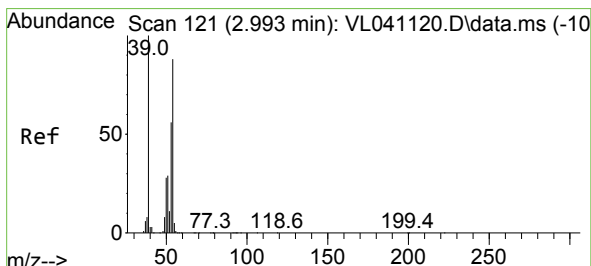
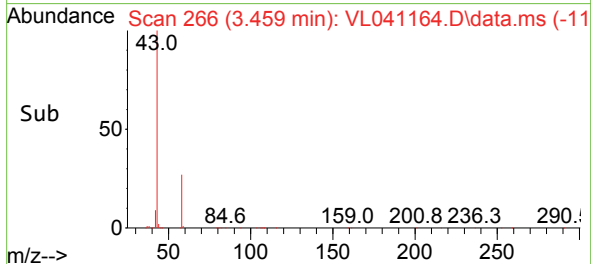
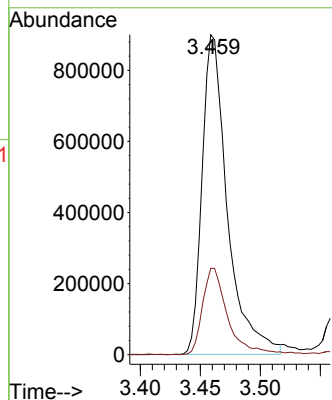
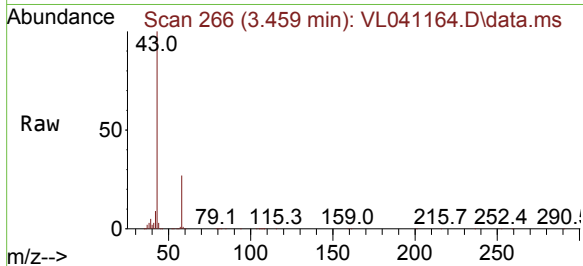




#15
Acetone
Concen: 10.221 ppbv
RT: 3.459 min Scan# 20
Delta R.T. 0.000 min
Lab File: VL041164.D
Acq: 25 Apr 2024 9:31

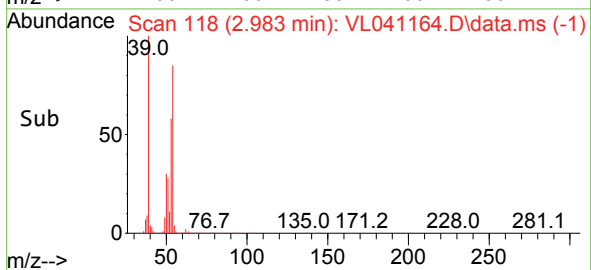
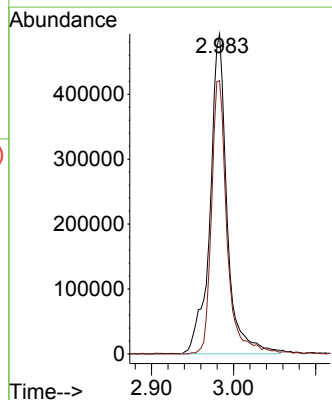
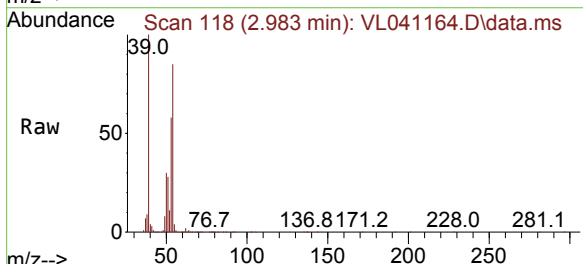
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

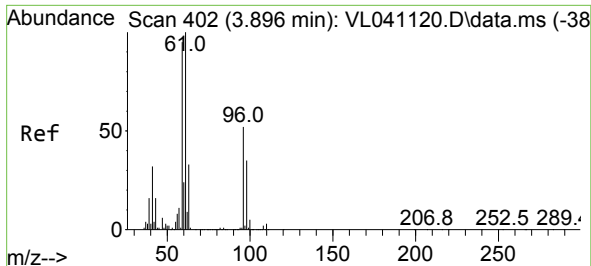
Tgt Ion: 43 Resp: 1320426
Ion Ratio Lower Upper
43 100
58 27.2 21.1 31.7



#16
1,3-Butadiene
Concen: 11.221 ppbv
RT: 2.983 min Scan# 118
Delta R.T. 0.000 min
Lab File: VL041164.D
Acq: 25 Apr 2024 9:31

Tgt Ion: 39 Resp: 711604
Ion Ratio Lower Upper
39 100
54 78.5 63.5 95.3





#17

tert-Butyl alcohol

Concen: 10.005 ppbv

RT: 3.867 min Scan# 393

Delta R.T. 0.000 min

Lab File: VL041164.D

Acq: 25 Apr 2024 9:31

Instrument :

MSVOA_L

ClientSampleId :

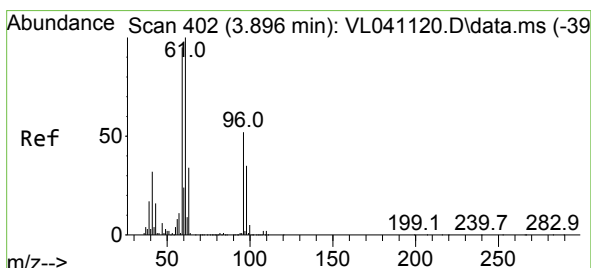
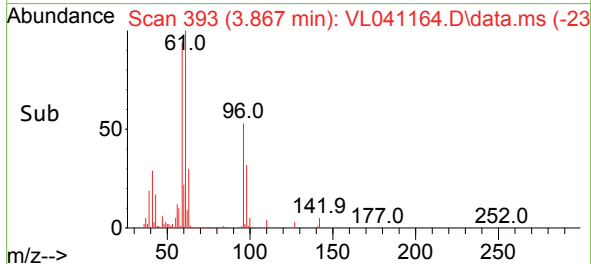
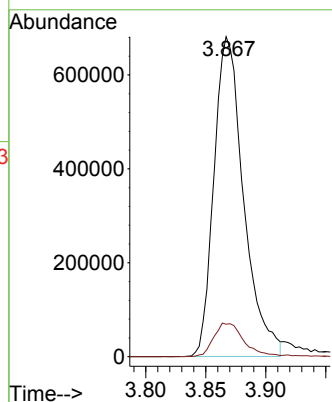
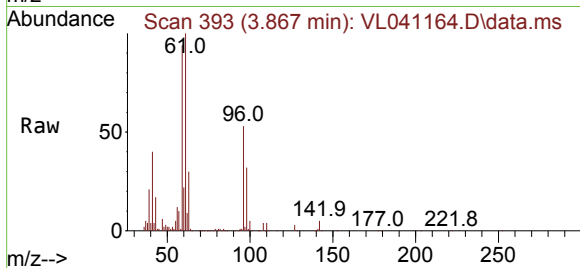
VSTDCCC010

Tgt Ion: 59 Resp: 1170616

Ion Ratio Lower Upper

59 100

57 11.1 8.7 13.1



#18

1,1-Dichloroethene

Concen: 10.847 ppbv

RT: 3.870 min Scan# 394

Delta R.T. 0.000 min

Lab File: VL041164.D

Acq: 25 Apr 2024 9:31

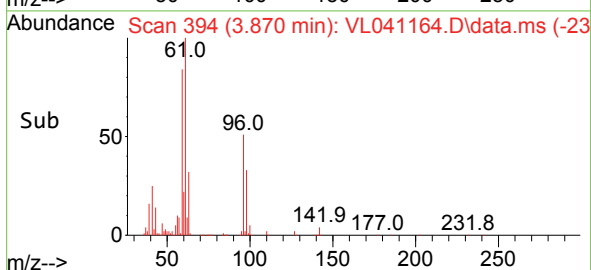
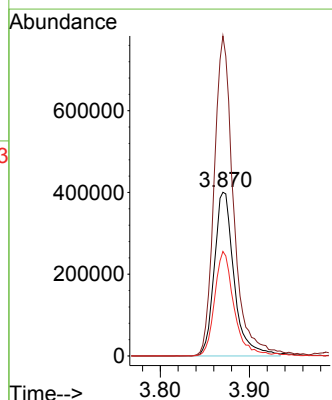
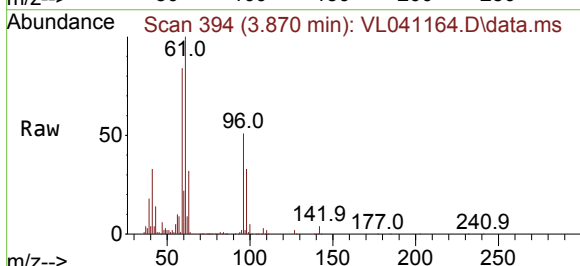
Tgt Ion: 96 Resp: 620336

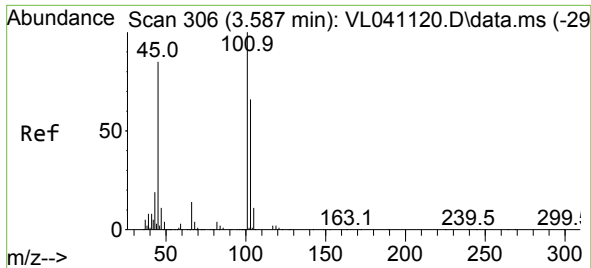
Ion Ratio Lower Upper

96 100

61 195.4 152.6 228.8

98 63.8 54.0 81.0

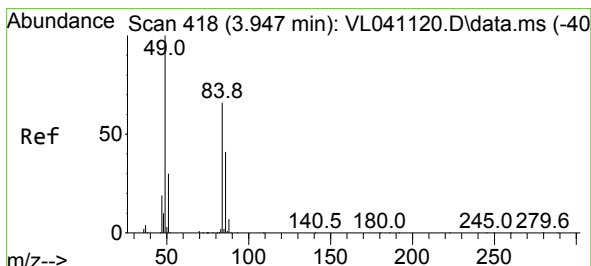
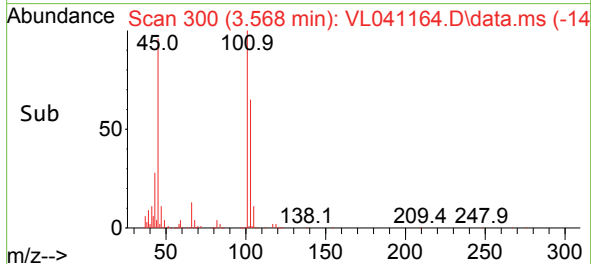
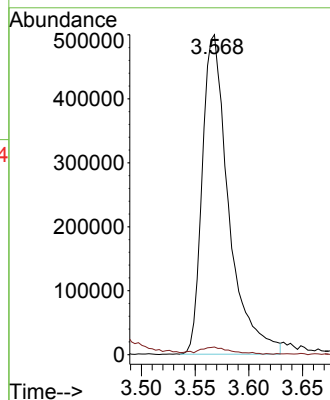
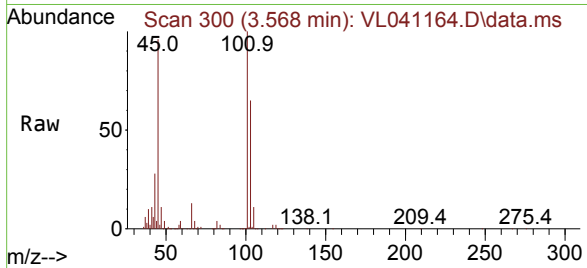




#19
Isopropyl Alcohol
Concen: 10.867 ppbv
RT: 3.568 min Scan# 306
Delta R.T. 0.000 min
Lab File: VL041164.D
Acq: 25 Apr 2024 9:31

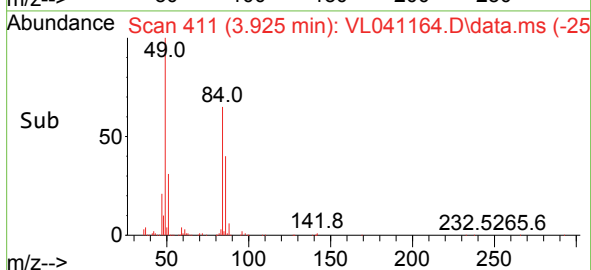
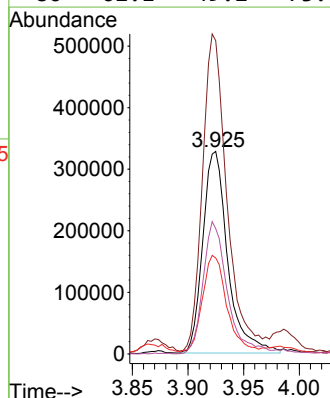
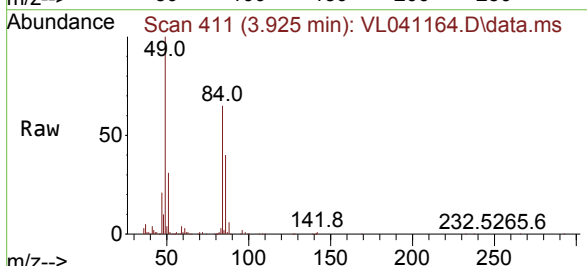
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

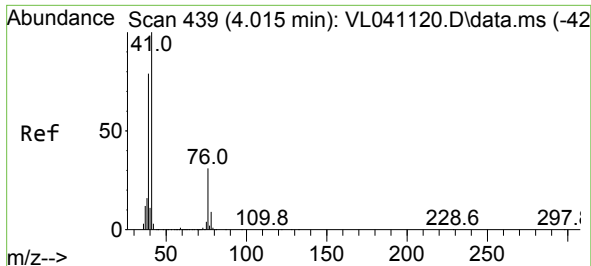
Tgt Ion: 45 Resp: 852874
Ion Ratio Lower Upper
45 100
58 3.2 2.8 4.2



#20
Methylene Chloride
Concen: 9.622 ppbv
RT: 3.925 min Scan# 411
Delta R.T. 0.000 min
Lab File: VL041164.D
Acq: 25 Apr 2024 9:31

Tgt Ion: 84 Resp: 512727
Ion Ratio Lower Upper
84 100
49 154.1 120.7 181.1
51 46.5 36.6 54.8
86 62.1 49.2 73.8





#21

Allyl Chloride

Concen: 10.669 ppbv

RT: 3.986 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL041164.D

Acq: 25 Apr 2024 9:31

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

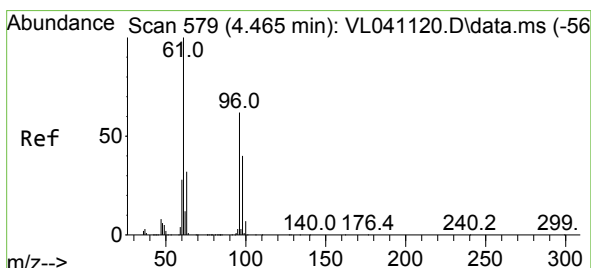
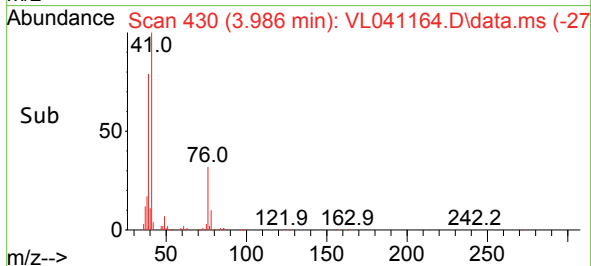
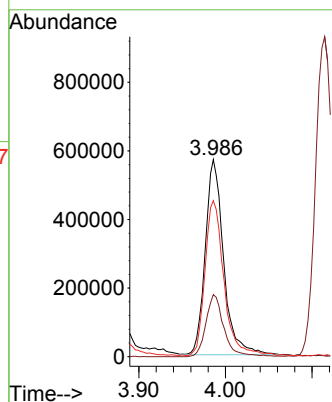
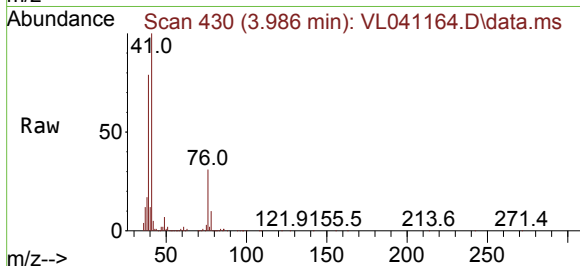
Tgt Ion: 41 Resp: 839866

Ion Ratio Lower Upper

41 100

76 31.1 25.7 38.5

39 82.8 65.7 98.5



#22

trans-1,2-Dichloroethene

Concen: 10.770 ppbv

RT: 4.433 min Scan# 569

Delta R.T. 0.000 min

Lab File: VL041164.D

Acq: 25 Apr 2024 9:31

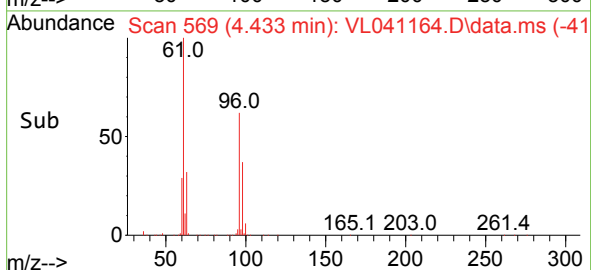
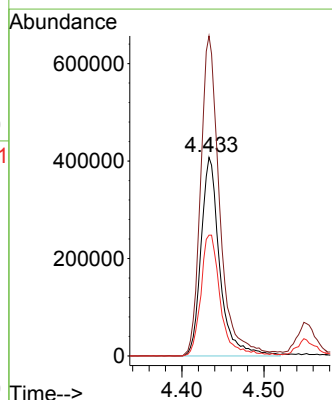
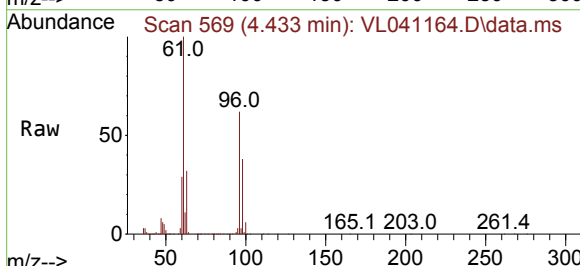
Tgt Ion: 96 Resp: 645705

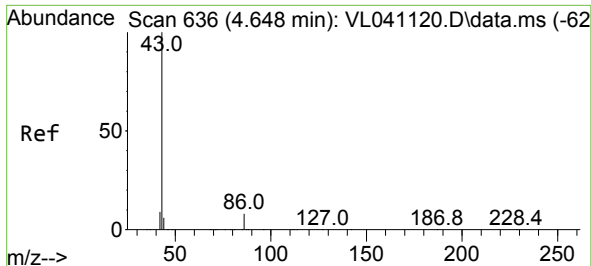
Ion Ratio Lower Upper

96 100

61 161.1 128.4 192.6

98 60.7 51.5 77.3



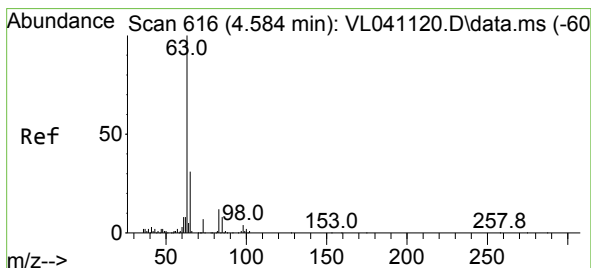
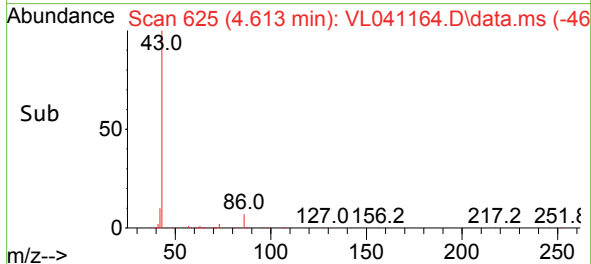
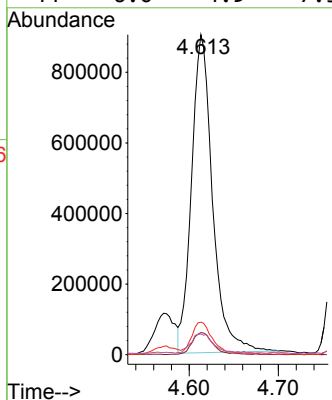
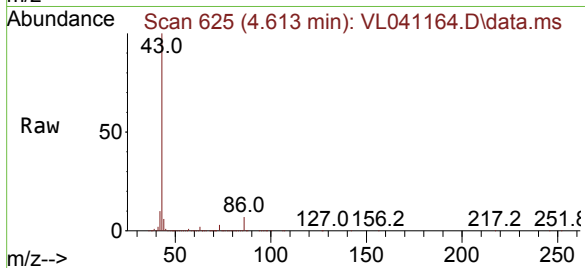


#23
 Vinyl Acetate
 Concen: 11.199 ppbv
 RT: 4.613 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VL041164.D
 Acq: 25 Apr 2024 9:31

Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 43 Resp: 1477973

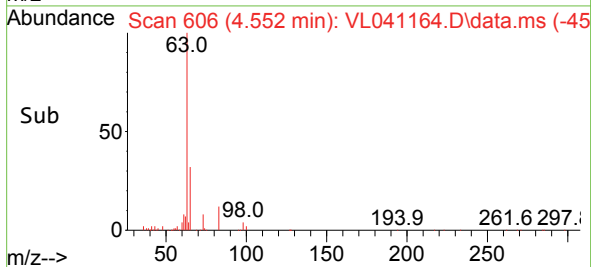
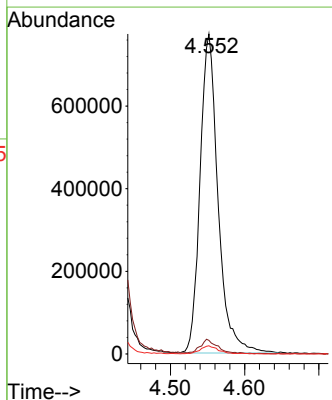
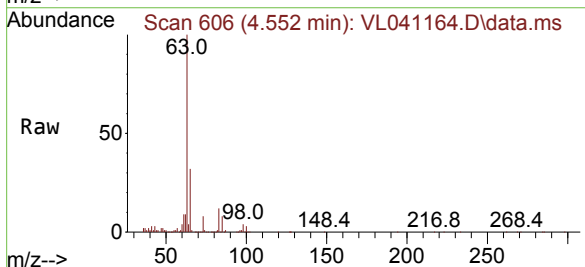
Ion	Ratio	Lower	Upper
43	100		
86	6.8	6.2	9.4
42	10.1	7.7	11.5
44	6.0	4.9	7.3

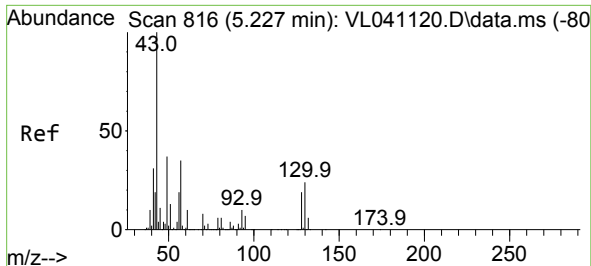


#24
 1,1-Dichloroethane
 Concen: 10.793 ppbv
 RT: 4.552 min Scan# 606
 Delta R.T. 0.000 min
 Lab File: VL041164.D
 Acq: 25 Apr 2024 9:31

Tgt Ion: 63 Resp: 1296123

Ion	Ratio	Lower	Upper
63	100		
98	4.1	2.1	6.3
100	2.5	1.1	3.3



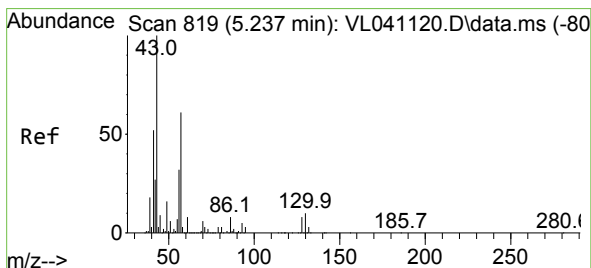
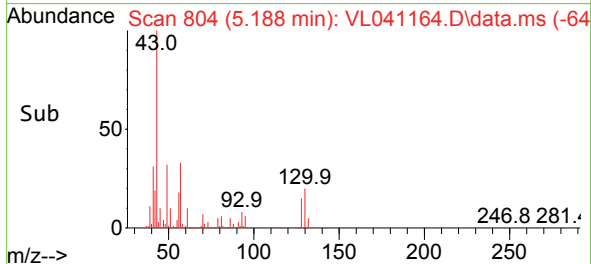
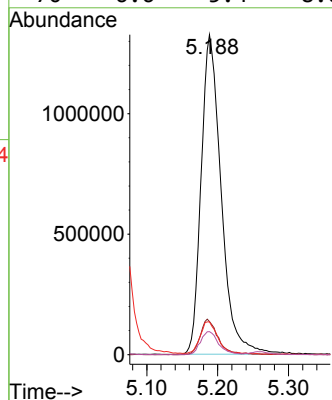
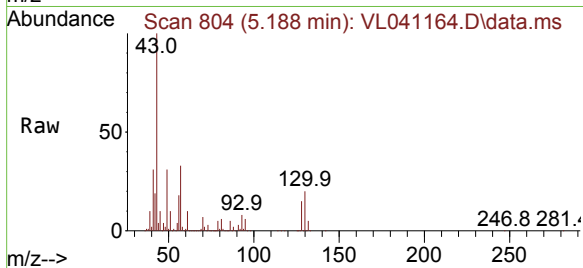


#25
Ethyl Acetate
Concen: 10.723 ppbv
RT: 5.188 min Scan# 804
Delta R.T. 0.000 min
Lab File: VL041164.D
Acq: 25 Apr 2024 9:31

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 2601632

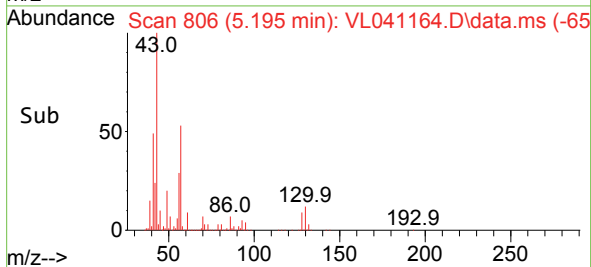
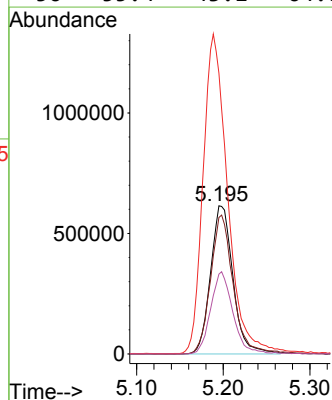
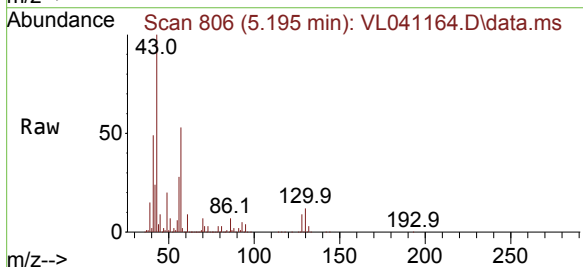
Ion	Ratio	Lower	Upper
43	100		
45	9.9	8.0	12.0
61	9.5	7.8	11.6
70	6.6	5.4	8.0

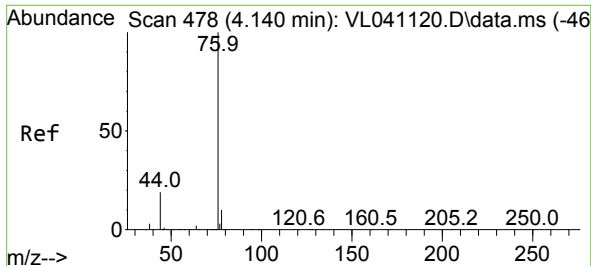


#26
Hexane
Concen: 10.176 ppbv
RT: 5.195 min Scan# 806
Delta R.T. 0.000 min
Lab File: VL041164.D
Acq: 25 Apr 2024 9:31

Tgt Ion: 57 Resp: 1107800

Ion	Ratio	Lower	Upper
57	100		
41	95.3	73.8	110.8
43	236.6	186.2	279.2
56	55.4	43.1	64.7

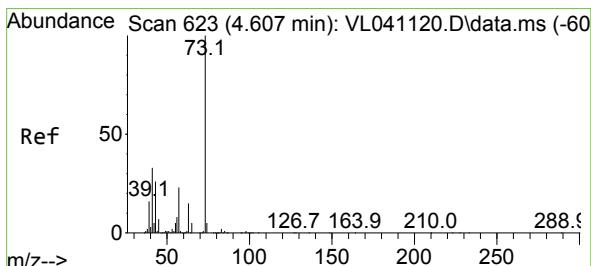
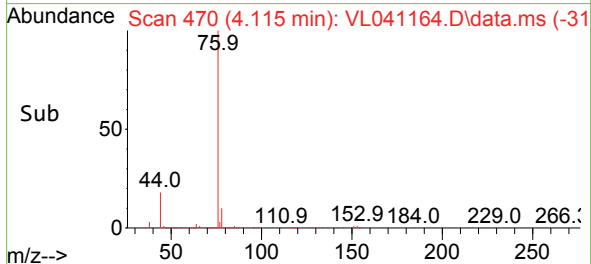
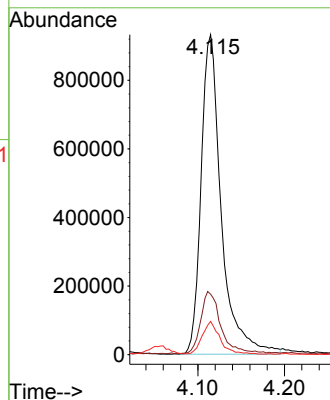
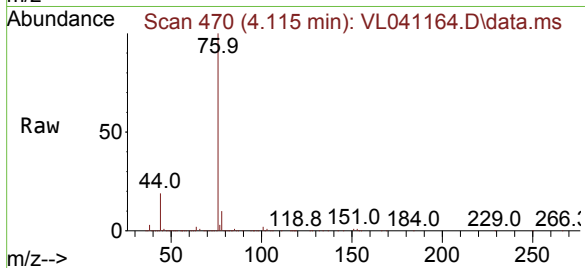




#27
Carbon Disulfide
Concen: 11.303 ppbv
RT: 4.115 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL041164.D
Acq: 25 Apr 2024 9:31

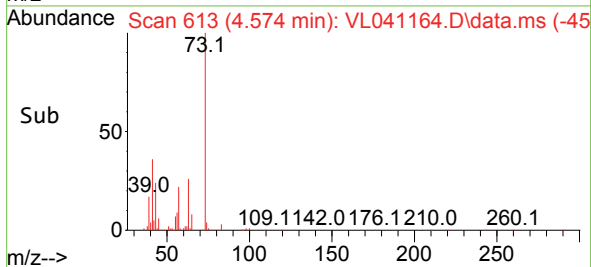
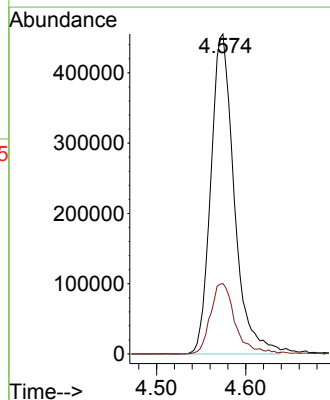
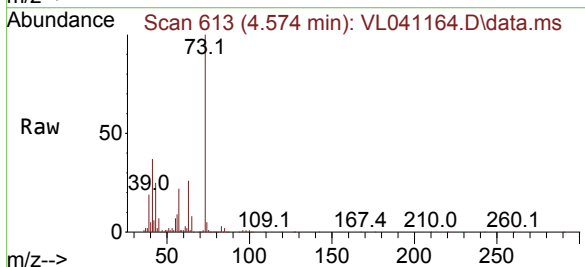
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

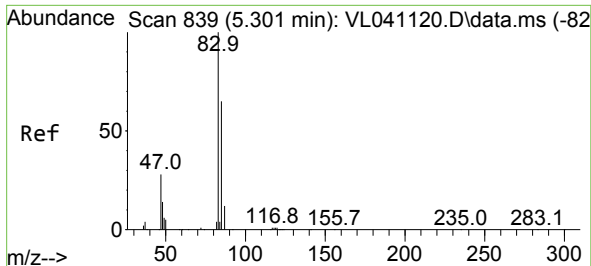
Tgt Ion: 76 Resp: 1507695
Ion Ratio Lower Upper
76 100
44 19.8 16.3 24.5
78 9.6 7.9 11.9



#28
Methyl tert-Butyl Ether
Concen: 10.100 ppbv
RT: 4.574 min Scan# 613
Delta R.T. 0.000 min
Lab File: VL041164.D
Acq: 25 Apr 2024 9:31

Tgt Ion: 73 Resp: 829759
Ion Ratio Lower Upper
73 100
57 23.7 18.6 27.8





#29

Chloroform

Concen: 10.596 ppbv

RT: 5.259 min Scan# 81

Delta R.T. 0.000 min

Lab File: VL041164.D

Acq: 25 Apr 2024 9:31

Instrument :

MSVOA_L

ClientSampleId :

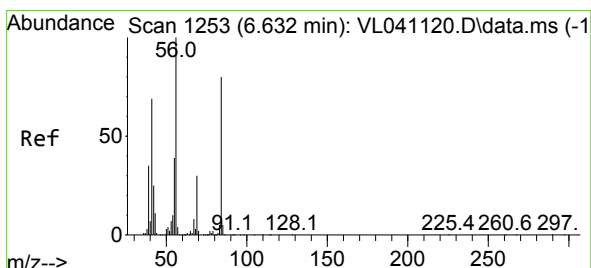
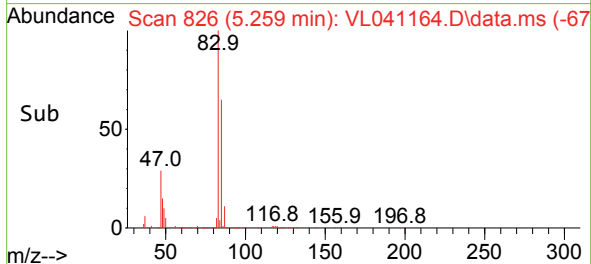
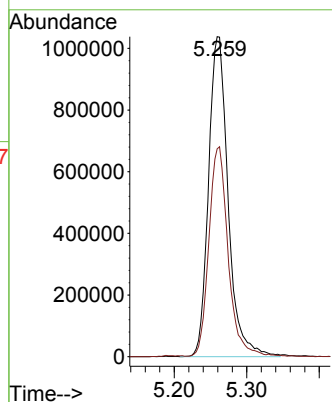
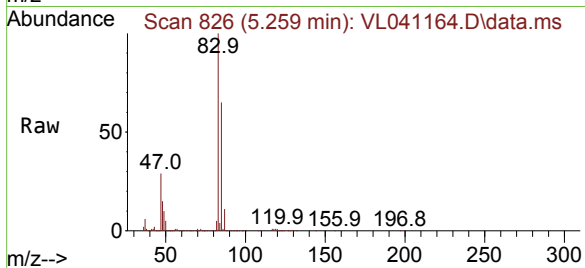
VSTDCCC010

Tgt Ion: 83 Resp: 1944519

Ion Ratio Lower Upper

83 100

85 64.7 51.5 77.3



#30

Cyclohexane

Concen: 10.548 ppbv

RT: 6.581 min Scan# 1237

Delta R.T. 0.000 min

Lab File: VL041164.D

Acq: 25 Apr 2024 9:31

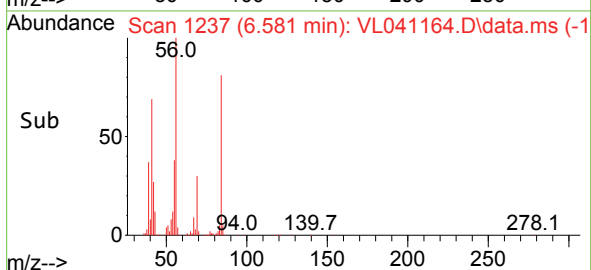
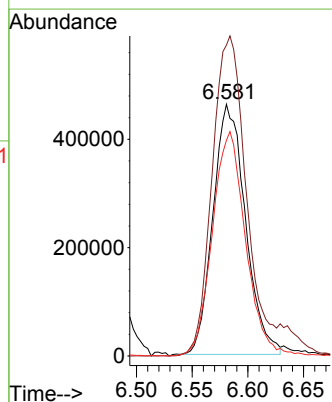
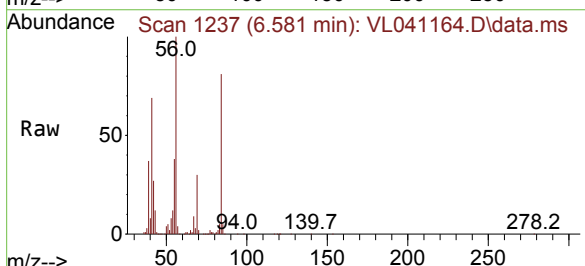
Tgt Ion: 84 Resp: 935368

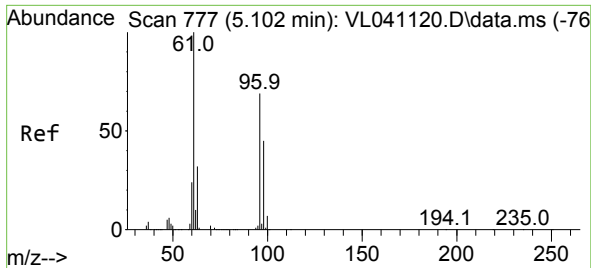
Ion Ratio Lower Upper

84 100

56 142.8 111.9 167.9

41 91.8 71.0 106.6

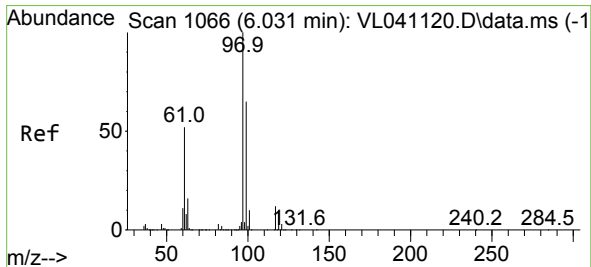
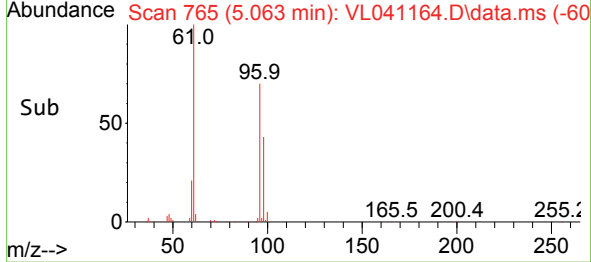
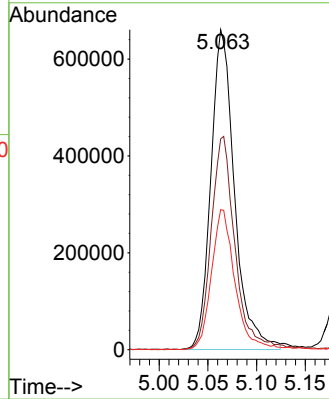
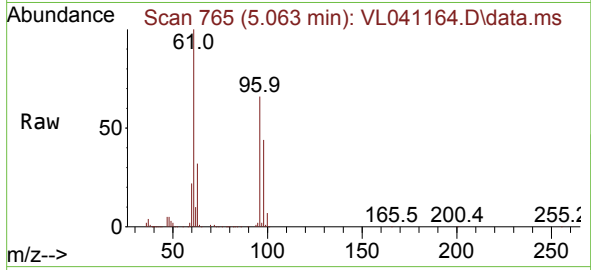




#31
cis-1,2-Dichloroethene
Concen: 10.795 ppbv
RT: 5.063 min Scan# 70
Delta R.T. 0.000 min
Lab File: VL041164.D
Acq: 25 Apr 2024 9:31

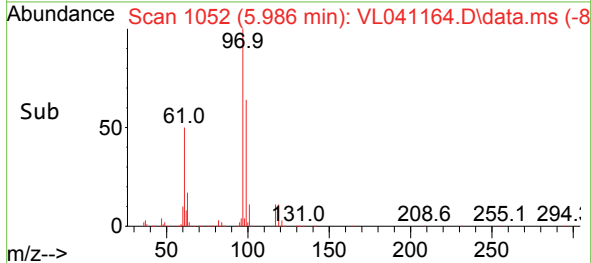
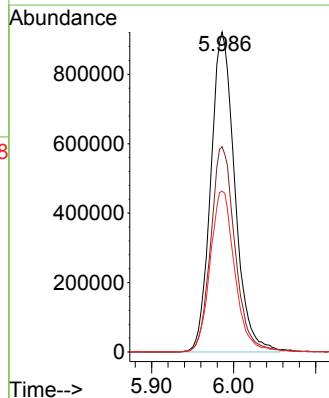
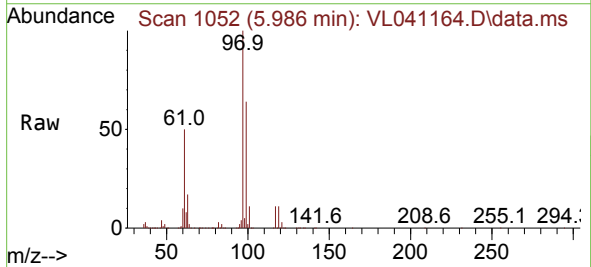
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

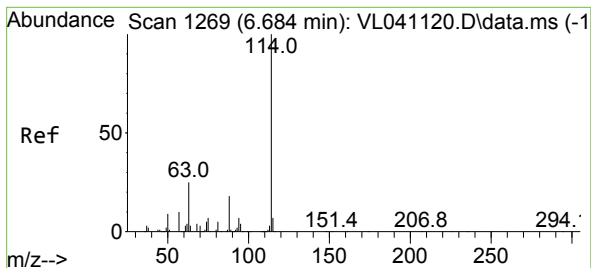
Tgt Ion: 61 Resp: 1112395
Ion Ratio Lower Upper
61 100
96 65.9 54.9 82.3
98 43.7 35.9 53.9



#32
1,1,1-Trichloroethane
Concen: 11.071 ppbv
RT: 5.986 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VL041164.D
Acq: 25 Apr 2024 9:31

Tgt Ion: 97 Resp: 1878107
Ion Ratio Lower Upper
97 100
99 65.1 52.0 78.0
61 51.6 40.5 60.7





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.635 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL041164.D

Acq: 25 Apr 2024 9:31

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

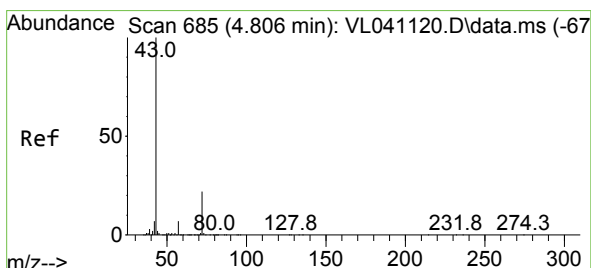
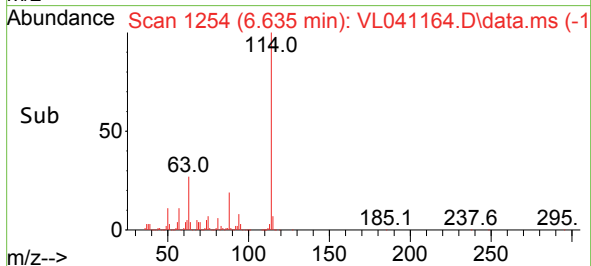
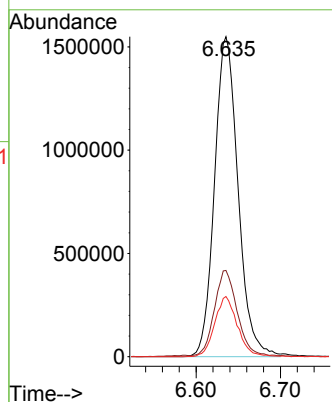
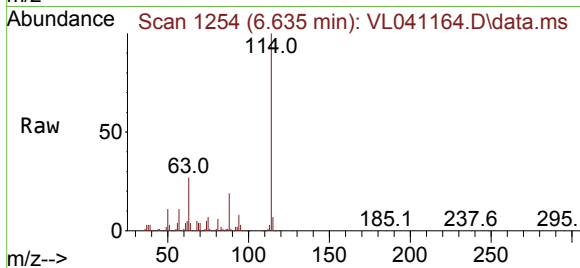
Tgt Ion:114 Resp: 3003726

Ion Ratio Lower Upper

114 100

63 26.9 20.9 31.3

88 18.2 14.5 21.7



#34

2-Butanone

Concen: 11.048 ppbv

RT: 4.771 min Scan# 674

Delta R.T. 0.000 min

Lab File: VL041164.D

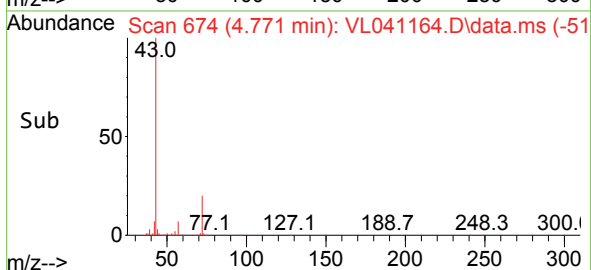
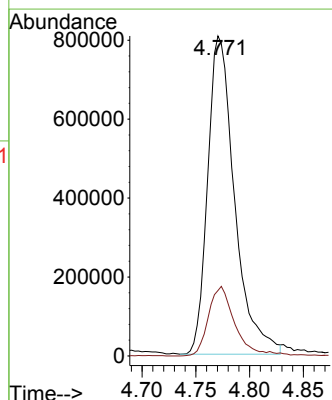
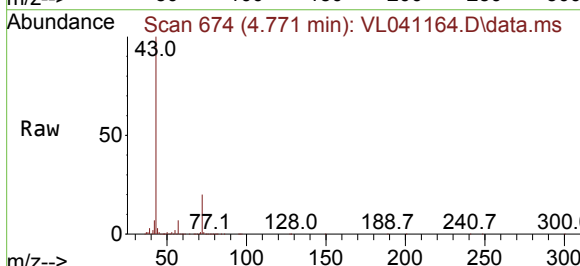
Acq: 25 Apr 2024 9:31

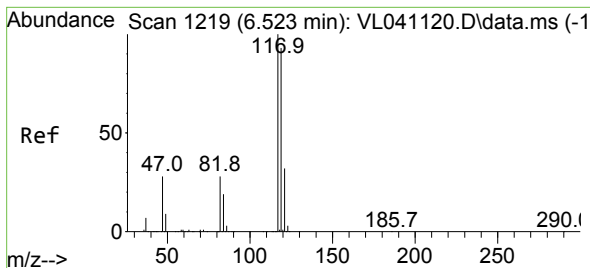
Tgt Ion: 43 Resp: 1404282

Ion Ratio Lower Upper

43 100

72 22.1 17.6 26.4





#35

Carbon Tetrachloride

Concen: 11.748 ppbv

RT: 6.475 min Scan# 1166

Delta R.T. 0.000 min

Lab File: VL041164.D

Acq: 25 Apr 2024 9:31

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

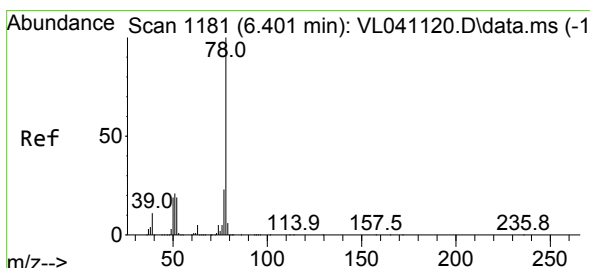
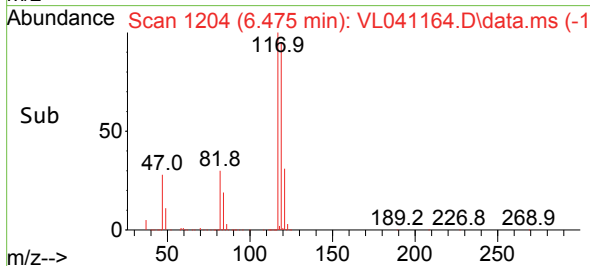
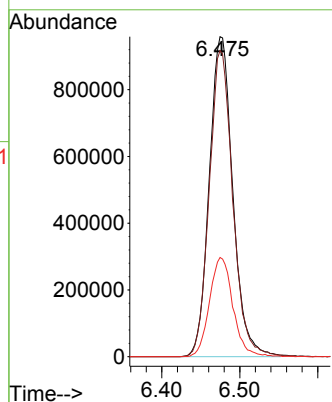
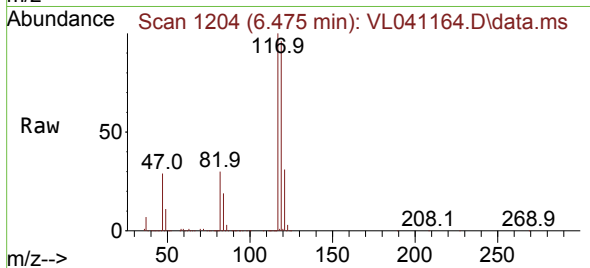
Tgt Ion:117 Resp: 2009120

Ion Ratio Lower Upper

117 100

119 95.7 74.2 111.4

121 31.0 25.4 38.2



#36

Benzene

Concen: 10.872 ppbv

RT: 6.352 min Scan# 1166

Delta R.T. 0.000 min

Lab File: VL041164.D

Acq: 25 Apr 2024 9:31

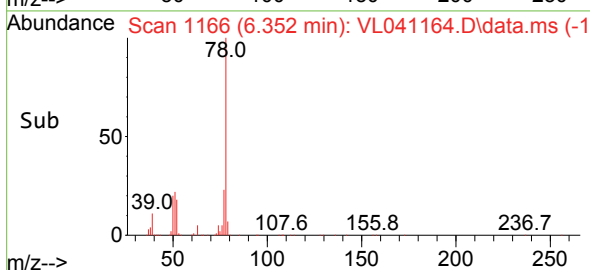
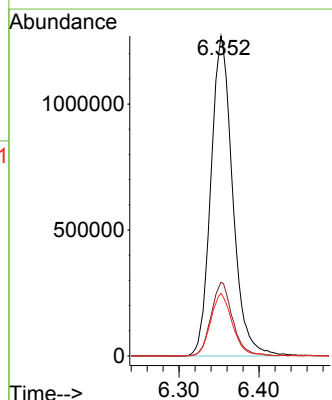
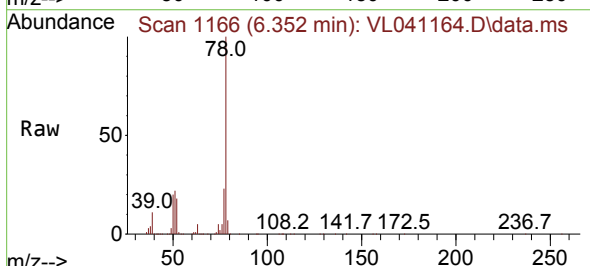
Tgt Ion: 78 Resp: 2398060

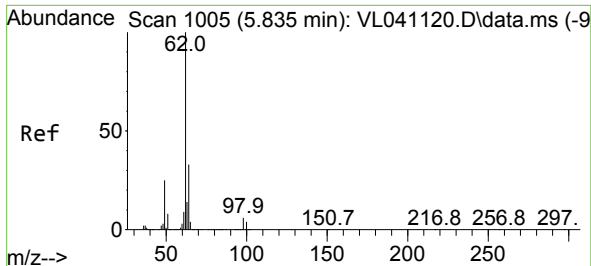
Ion Ratio Lower Upper

78 100

77 23.0 18.2 27.4

50 19.5 15.4 23.2





#37

1,2-Dichloroethane

Concen: 11.050 ppbv

RT: 5.790 min Scan# 91

Delta R.T. 0.000 min

Lab File: VL041164.D

Acq: 25 Apr 2024 9:31

Instrument :

MSVOA_L

ClientSampleId :

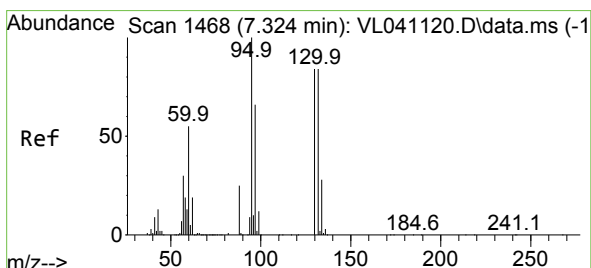
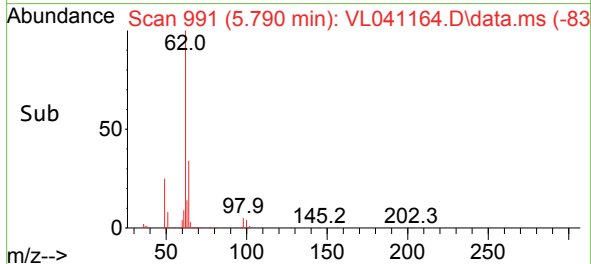
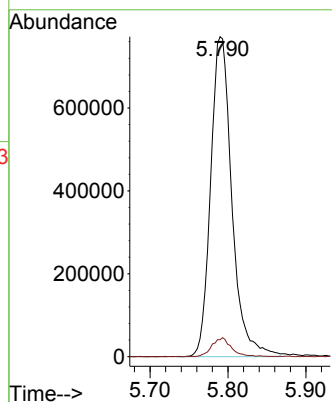
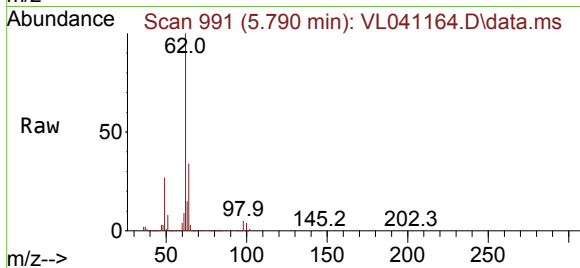
VSTDCCC010

Tgt Ion: 62 Resp: 1463446

Ion Ratio Lower Upper

62 100

98 5.7 4.6 7.0



#38

Trichloroethene

Concen: 12.035 ppbv

RT: 7.272 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VL041164.D

Acq: 25 Apr 2024 9:31

Tgt Ion:130 Resp: 959074

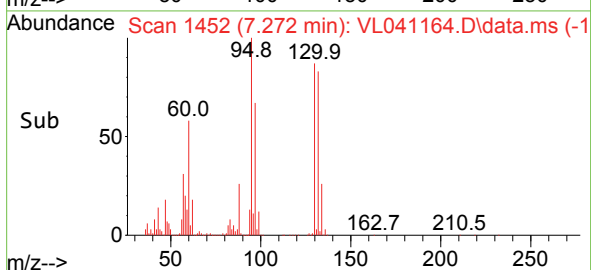
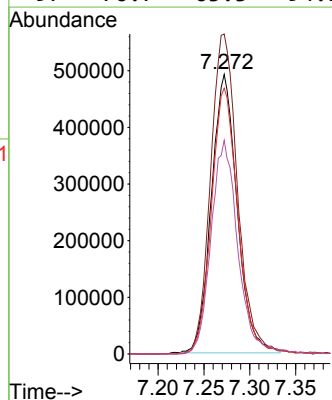
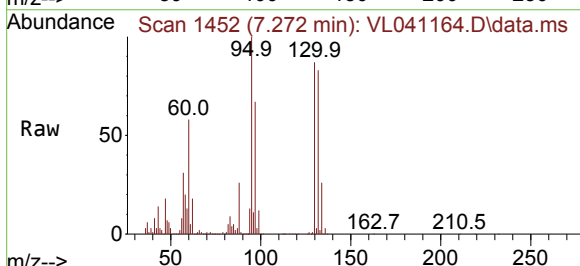
Ion Ratio Lower Upper

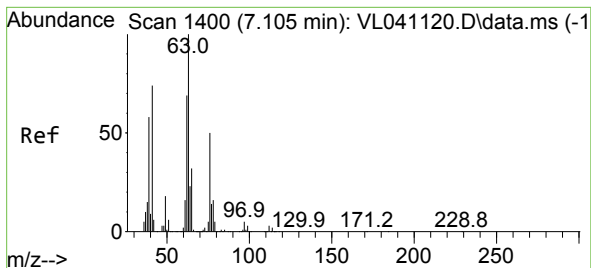
130 100

95 114.8 95.4 143.0

132 95.3 80.0 120.0

97 76.7 63.3 94.9





#39

1,2-Dichloropropane

Concen: 10.997 ppbv

RT: 7.057 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL041164.D

Acq: 25 Apr 2024 9:31

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

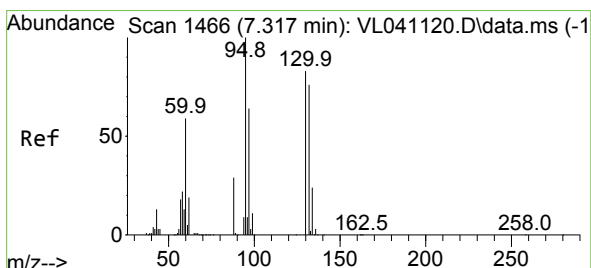
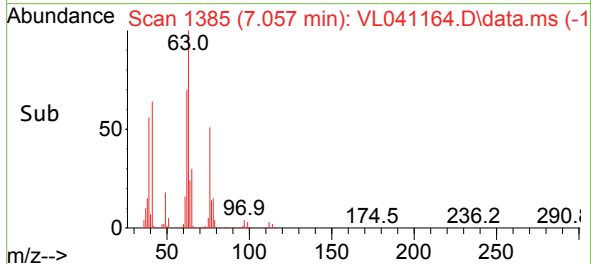
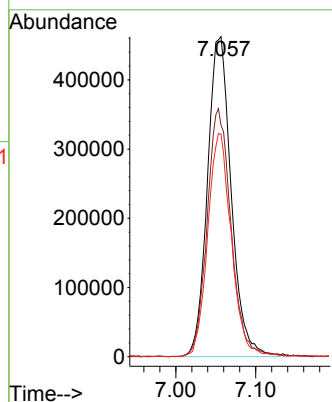
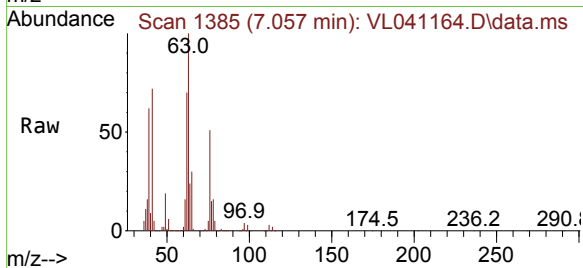
Tgt Ion: 63 Resp: 956481

Ion Ratio Lower Upper

63 100

41 72.2 58.7 88.1

62 69.4 55.5 83.3



#40

1,4-Dioxane

Concen: 11.500 ppbv

RT: 7.266 min Scan# 1450

Delta R.T. 0.000 min

Lab File: VL041164.D

Acq: 25 Apr 2024 9:31

Tgt Ion: 88 Resp: 348589

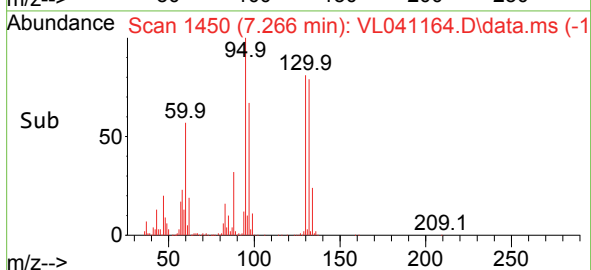
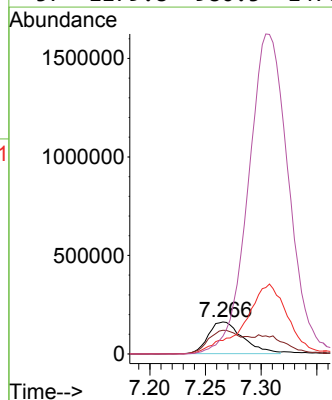
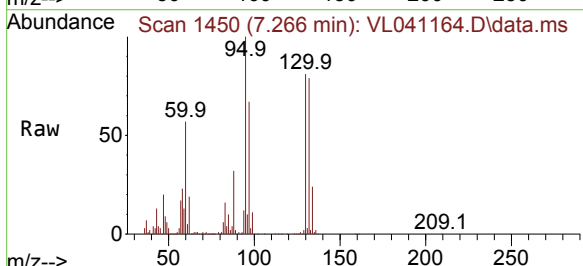
Ion Ratio Lower Upper

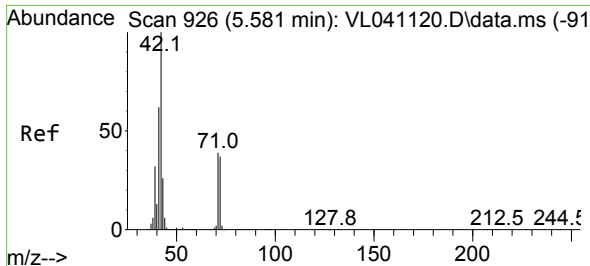
88 100

58 133.7 107.8 161.6

43 273.4 223.8 335.6

57 1179.8 980.5 1470.7





#41

Tetrahydrofuran

Concen: 11.480 ppbv

RT: 5.539 min Scan# 91

Delta R.T. 0.000 min

Lab File: VL041164.D

Acq: 25 Apr 2024 9:31

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

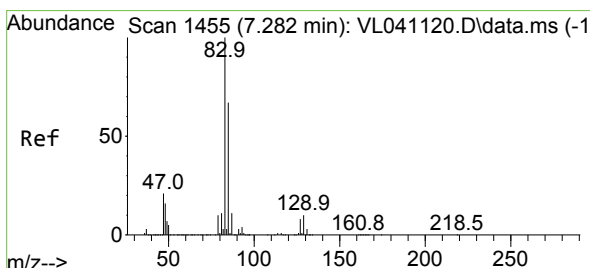
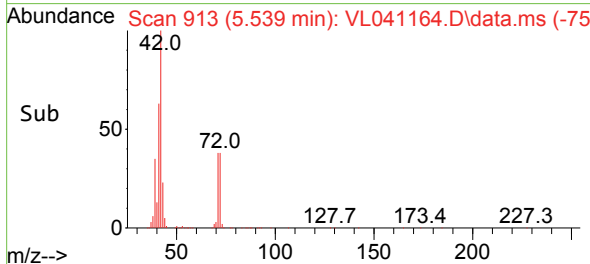
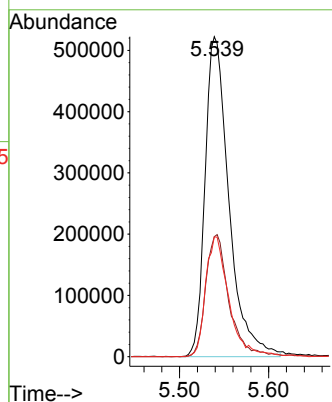
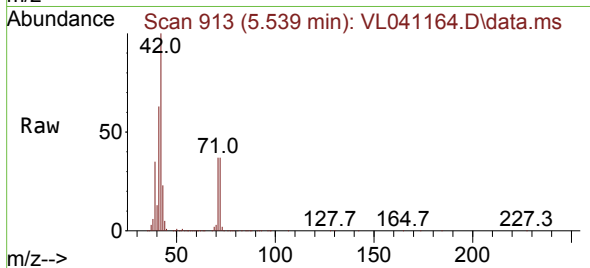
Tgt Ion: 42 Resp: 971571

Ion Ratio Lower Upper

42 100

72 37.7 31.2 46.8

71 36.8 29.9 44.9



#42

Bromodichloromethane

Concen: 11.563 ppbv

RT: 7.227 min Scan# 1438

Delta R.T. 0.000 min

Lab File: VL041164.D

Acq: 25 Apr 2024 9:31

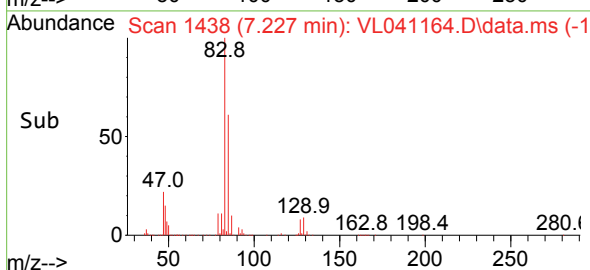
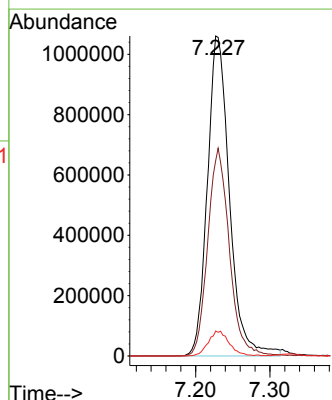
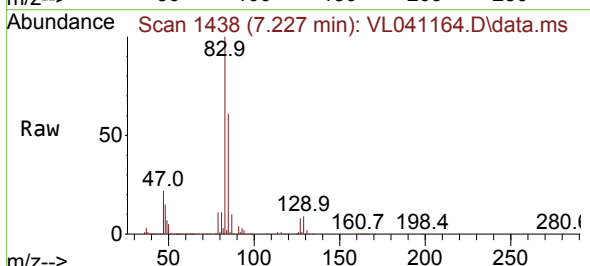
Tgt Ion: 83 Resp: 2187840

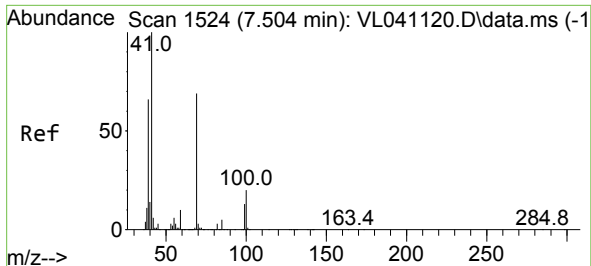
Ion Ratio Lower Upper

83 100

85 61.1 53.5 80.3

127 7.8 6.2 9.4

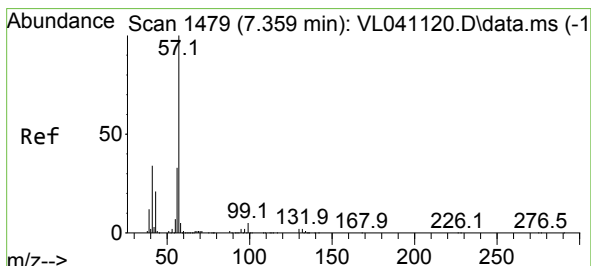
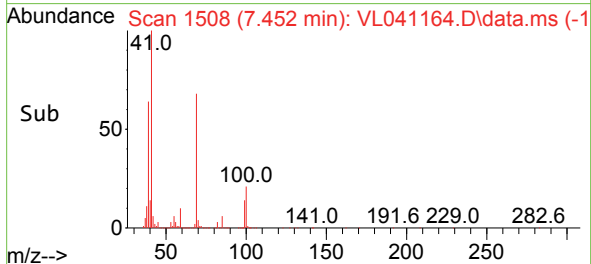
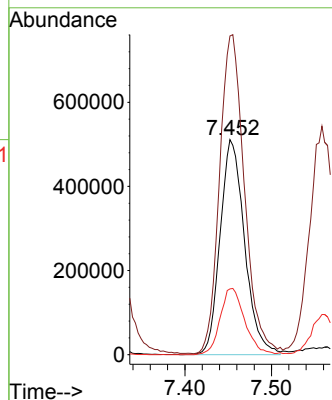
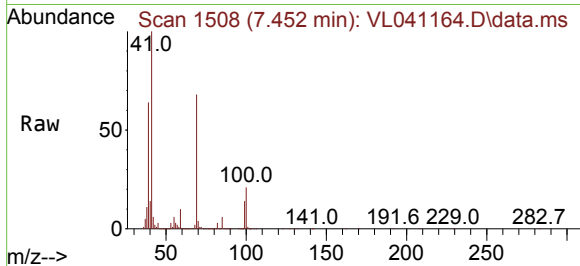




#43
Methyl Methacrylate
Concen: 11.933 ppbv
RT: 7.452 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL041164.D
Acq: 25 Apr 2024 9:31

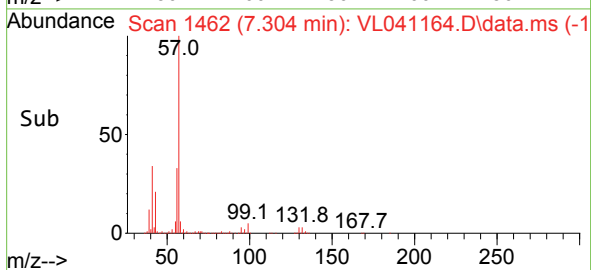
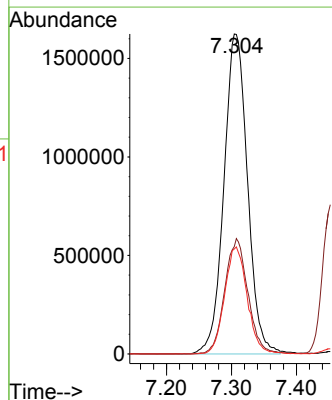
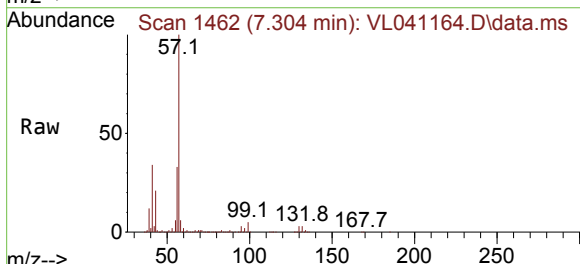
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

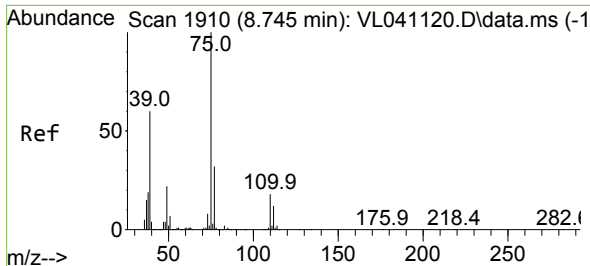
Tgt Ion: 69 Resp: 1002625
Ion Ratio Lower Upper
69 100
41 152.4 119.2 178.8
100 31.3 24.6 37.0



#44
2,2,4-Trimethylpentane
Concen: 11.213 ppbv
RT: 7.304 min Scan# 1462
Delta R.T. 0.000 min
Lab File: VL041164.D
Acq: 25 Apr 2024 9:31

Tgt Ion: 57 Resp: 4094686
Ion Ratio Lower Upper
57 100
41 35.4 28.2 42.2
56 32.2 25.2 37.8

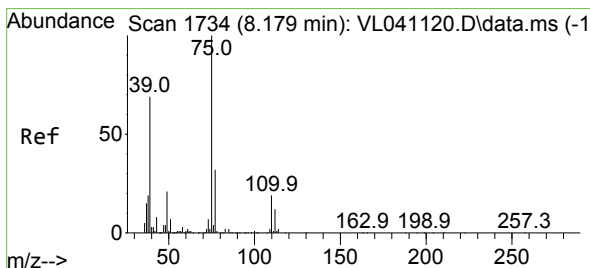
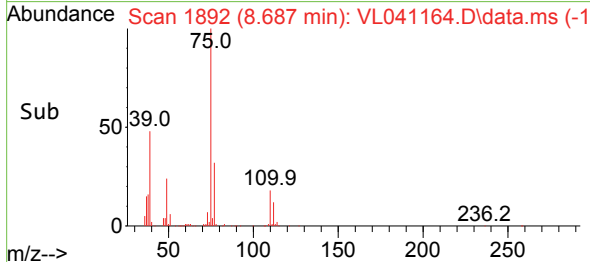
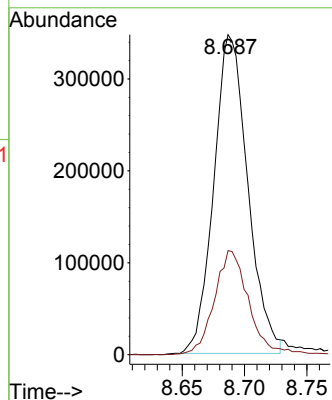
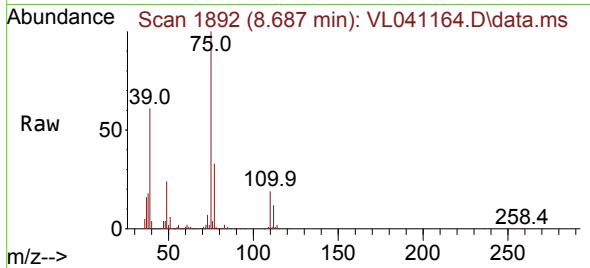




#45
 t-1,3-Dichloropropene
 Concen: 13.282 ppbv
 RT: 8.687 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VL041164.D
 Acq: 25 Apr 2024 9:31

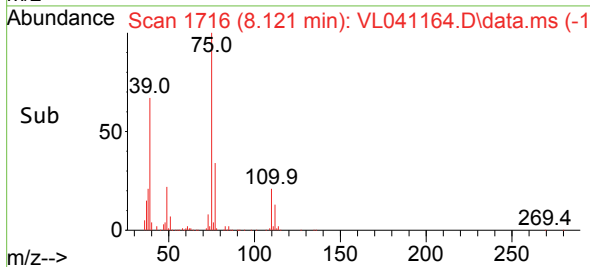
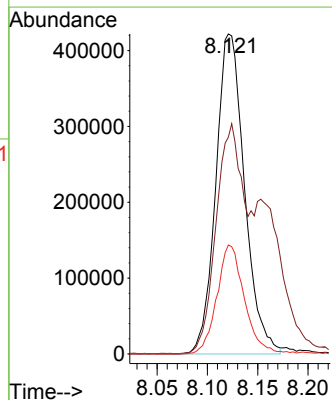
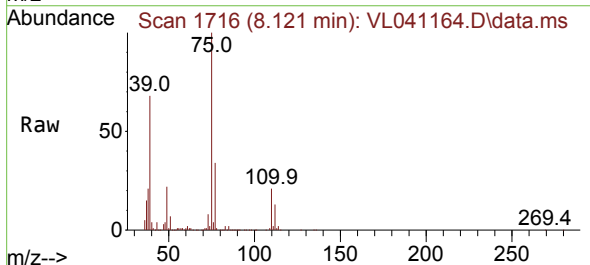
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

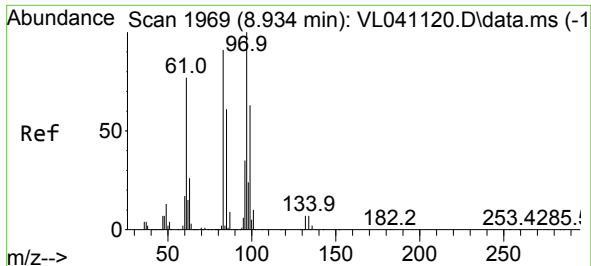
Tgt Ion: 75 Resp: 657642
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.4 38.2



#46
 cis-1,3-Dichloropropene
 Concen: 13.077 ppbv
 RT: 8.121 min Scan# 1716
 Delta R.T. 0.000 min
 Lab File: VL041164.D
 Acq: 25 Apr 2024 9:31

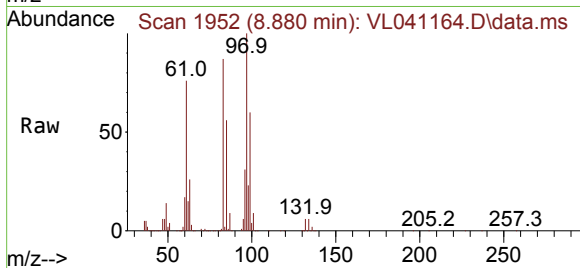
Tgt Ion: 75 Resp: 837745
 Ion Ratio Lower Upper
 75 100
 39 67.6 55.1 82.7
 77 34.0 25.2 37.8





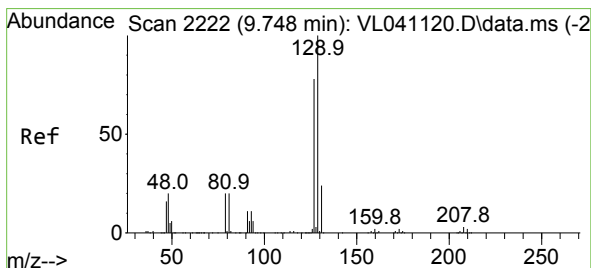
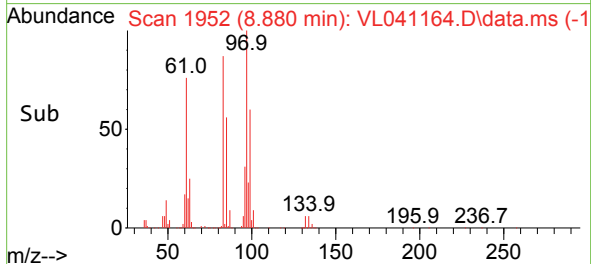
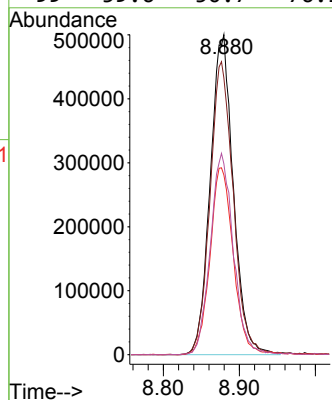
#47
1,1,2-Trichloroethane
Concen: 11.208 ppbv
RT: 8.880 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VL041164.D
Acq: 25 Apr 2024 9:31

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 97 Resp: 1053560

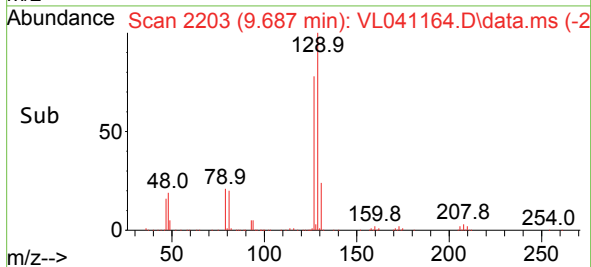
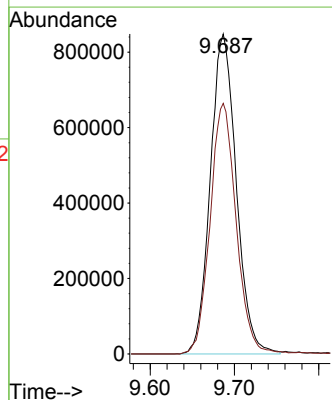
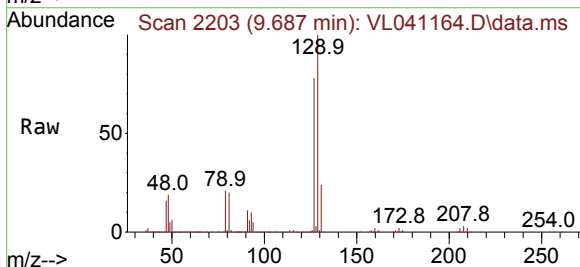
Ion	Ratio	Lower	Upper
97	100		
83	86.5	72.9	109.3
85	56.2	49.1	73.7
99	59.6	50.7	76.1

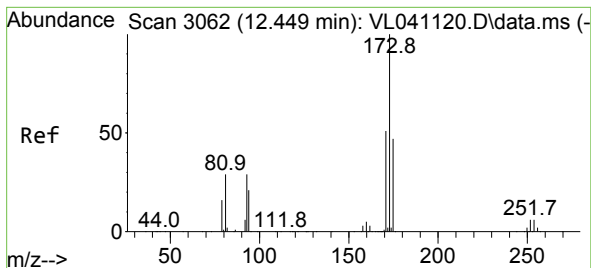


#48
Dibromochloromethane
Concen: 12.157 ppbv
RT: 9.687 min Scan# 2203
Delta R.T. 0.000 min
Lab File: VL041164.D
Acq: 25 Apr 2024 9:31

Tgt Ion: 129 Resp: 1814010

Ion	Ratio	Lower	Upper
129	100		
127	79.1	39.3	117.9





#49

Bromoform

Concen: 12.653 ppbv

RT: 12.381 min Scan# 3062

Delta R.T. 0.000 min

Lab File: VL041164.D

Acq: 25 Apr 2024 9:31

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

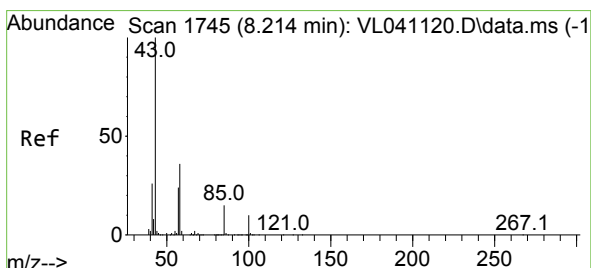
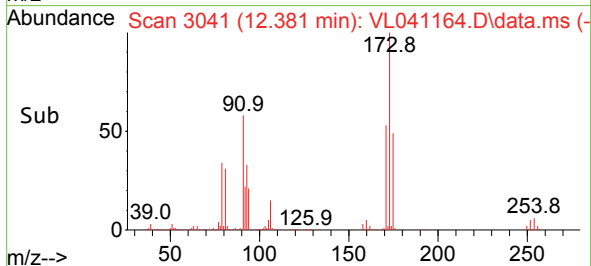
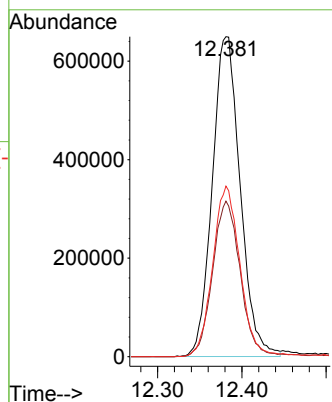
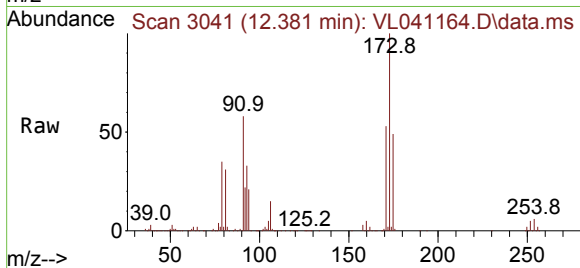
Tgt Ion:173 Resp: 1495797

Ion Ratio Lower Upper

173 100

175 49.1 39.4 59.0

171 53.4 42.9 64.3



#50

4-Methyl-2-Pentanone

Concen: 11.894 ppbv

RT: 8.159 min Scan# 1728

Delta R.T. 0.000 min

Lab File: VL041164.D

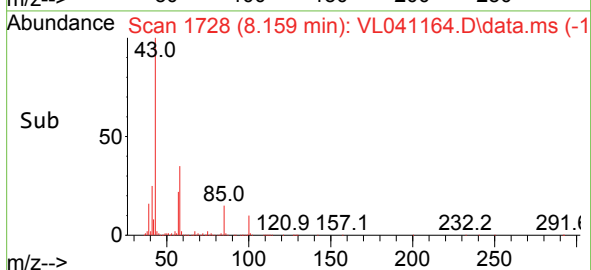
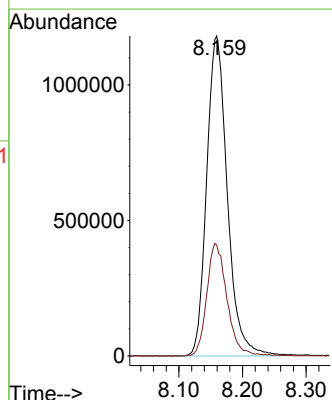
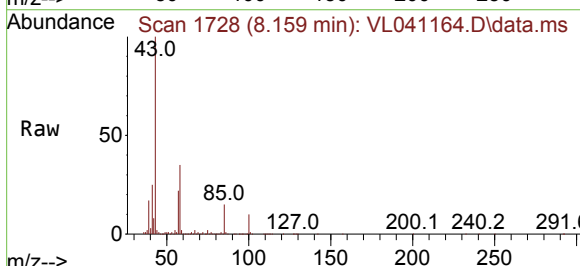
Acq: 25 Apr 2024 9:31

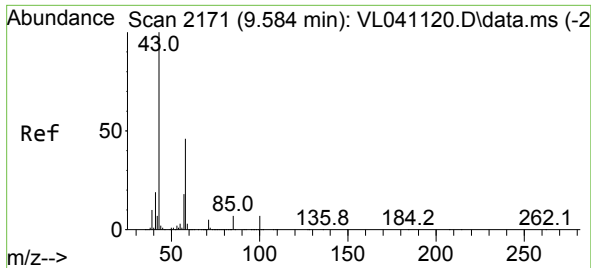
Tgt Ion: 43 Resp: 2660459

Ion Ratio Lower Upper

43 100

58 34.5 27.7 41.5

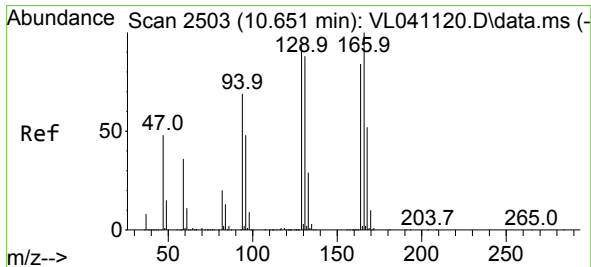
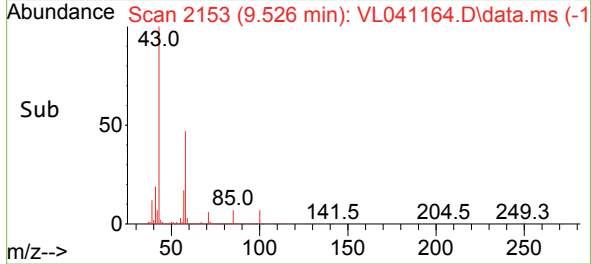
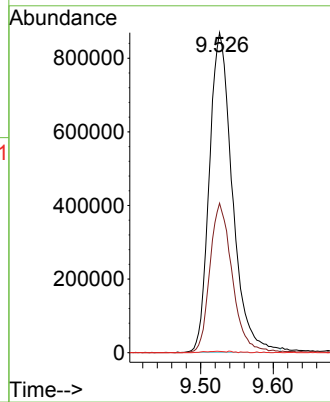
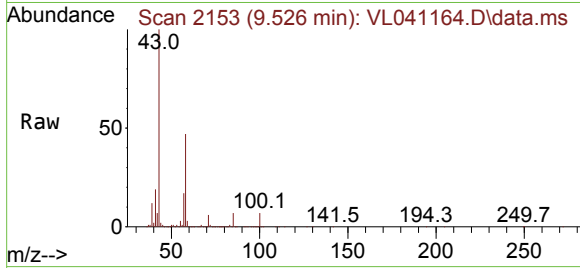




#51
2-Hexanone
Concen: 12.373 ppbv
RT: 9.526 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VL041164.D
Acq: 25 Apr 2024 9:31

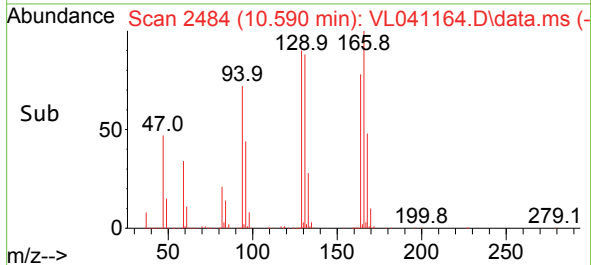
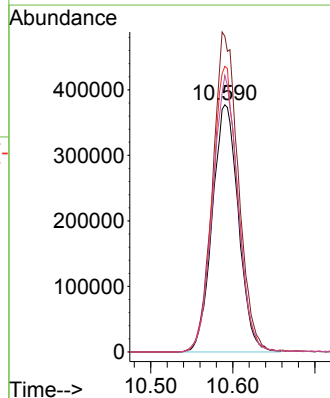
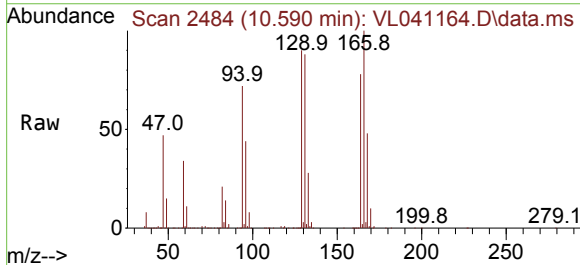
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

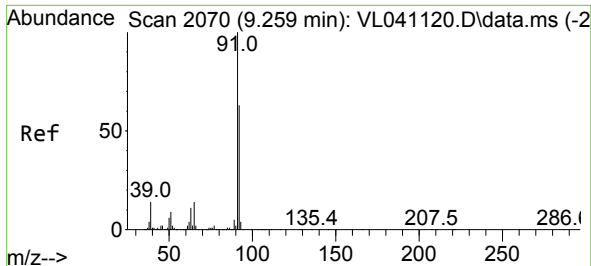
Tgt Ion: 43 Resp: 1918955
Ion Ratio Lower Upper
43 100
58 45.6 37.3 55.9
98 0.5 0.3 0.5



#52
Tetrachloroethene
Concen: 11.846 ppbv
RT: 10.590 min Scan# 2484
Delta R.T. 0.000 min
Lab File: VL041164.D
Acq: 25 Apr 2024 9:31

Tgt Ion: 164 Resp: 833689
Ion Ratio Lower Upper
164 100
166 127.6 95.0 142.6
129 115.4 88.7 133.1
131 111.8 83.2 124.8

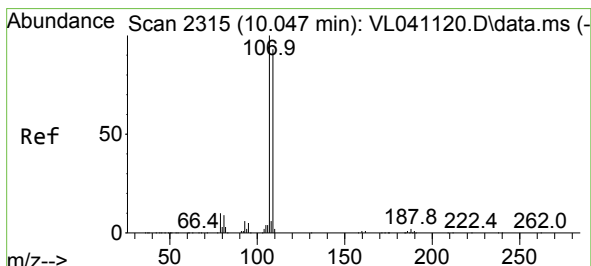
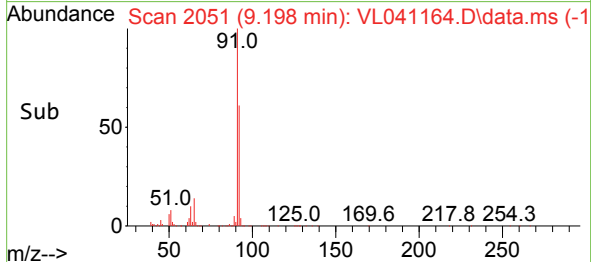
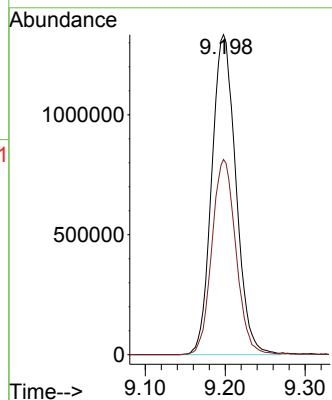
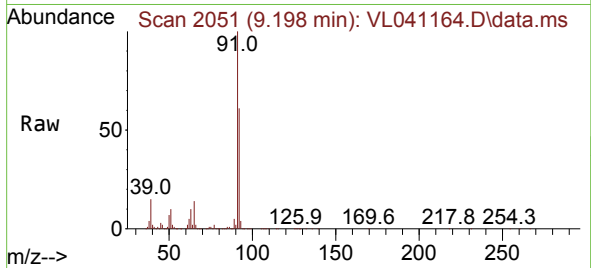




#53
Toluene
Concen: 12.031 ppbv
RT: 9.198 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VL041164.D
Acq: 25 Apr 2024 9:31

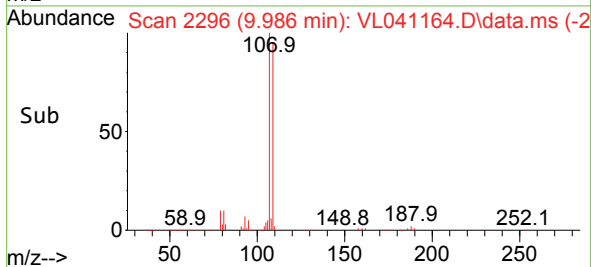
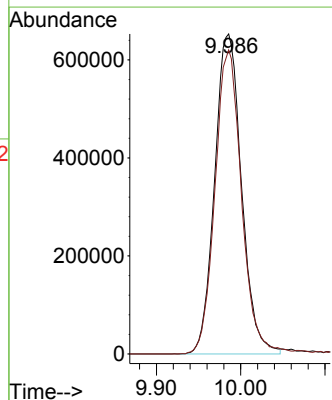
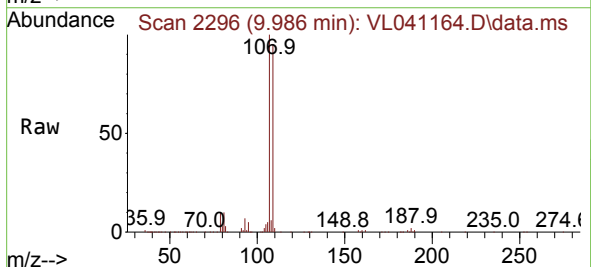
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

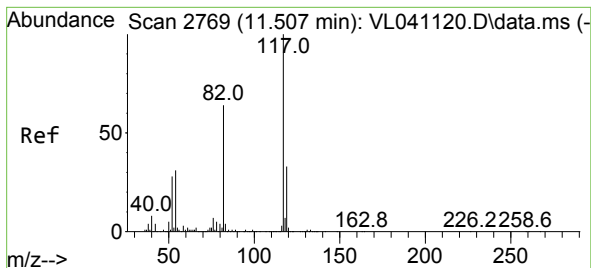
Tgt Ion: 91 Resp: 2794400
Ion Ratio Lower Upper
91 100
92 61.1 49.0 73.4



#54
1,2-Dibromoethane
Concen: 12.323 ppbv
RT: 9.986 min Scan# 2296
Delta R.T. 0.000 min
Lab File: VL041164.D
Acq: 25 Apr 2024 9:31

Tgt Ion: 107 Resp: 1444699
Ion Ratio Lower Upper
107 100
109 94.9 74.3 111.5

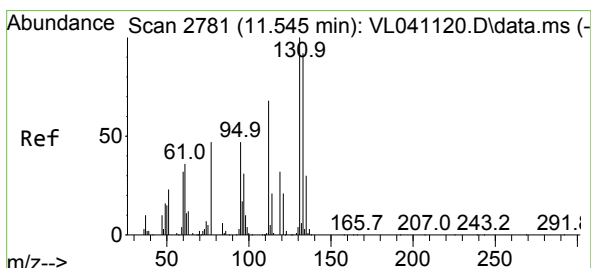
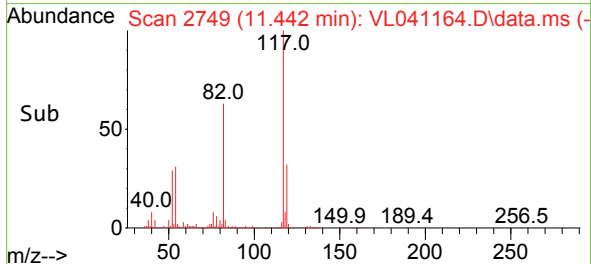
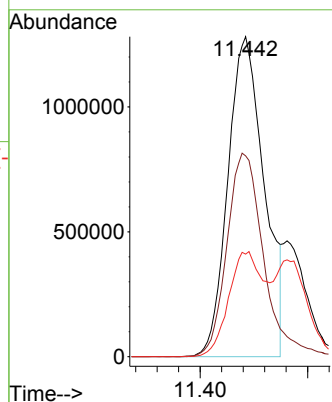
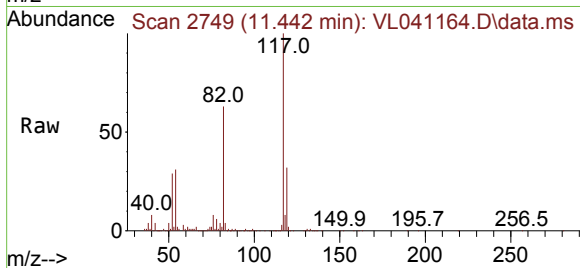




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.442 min Scan# 2769
Delta R.T. 0.000 min
Lab File: VL041164.D
Acq: 25 Apr 2024 9:31

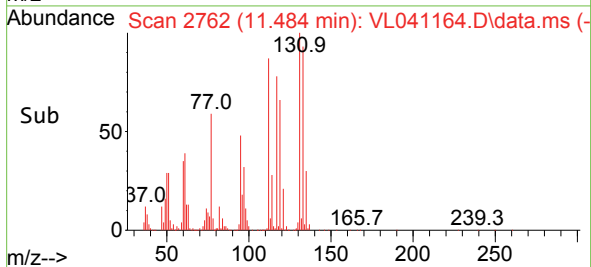
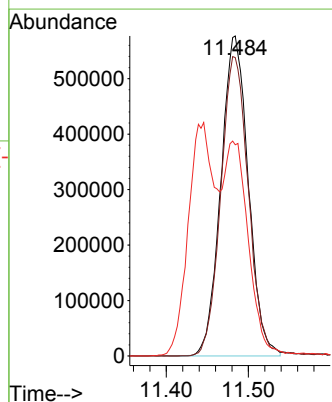
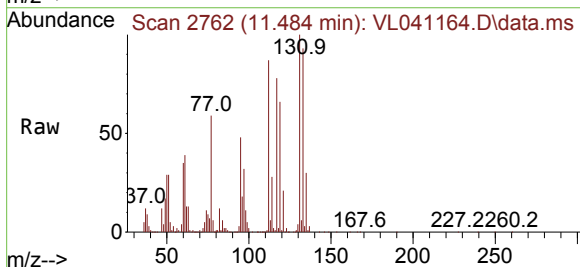
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

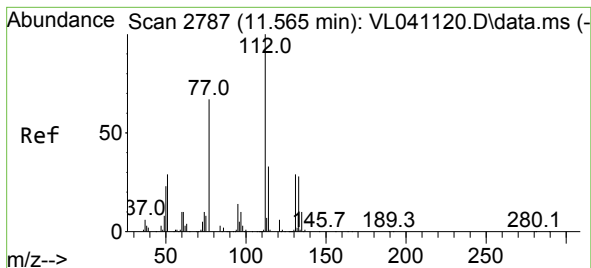
Tgt Ion:117 Resp: 3003933
Ion Ratio Lower Upper
117 100
82 65.4 51.0 76.6
119 31.9 25.2 37.8



#56
1,1,1,2-Tetrachloroethane
Concen: 10.856 ppbv
RT: 11.484 min Scan# 2762
Delta R.T. 0.000 min
Lab File: VL041164.D
Acq: 25 Apr 2024 9:31

Tgt Ion:131 Resp: 1340138
Ion Ratio Lower Upper
131 100
133 95.5 76.6 115.0
119 57.2 49.9 74.9

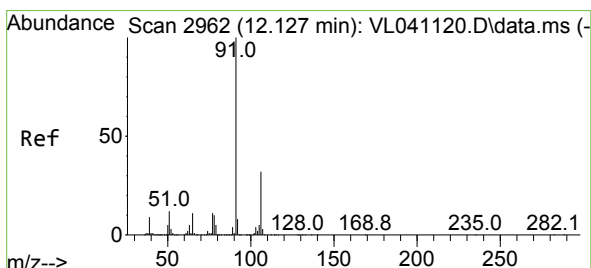
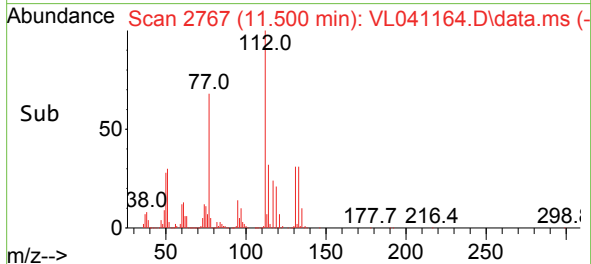
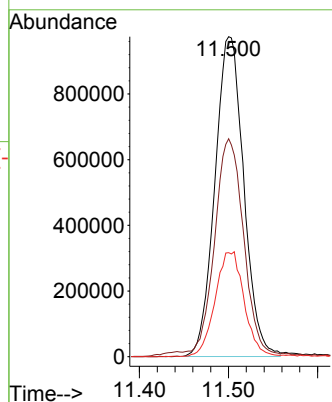
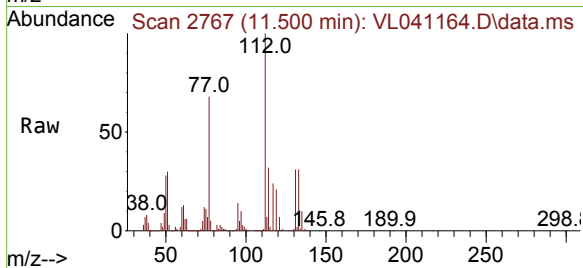




#57
Chlorobenzene
Concen: 10.661 ppbv
RT: 11.500 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL041164.D
Acq: 25 Apr 2024 9:31

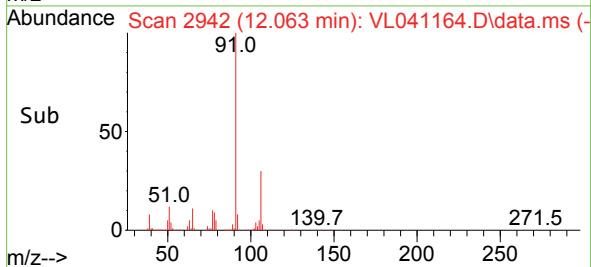
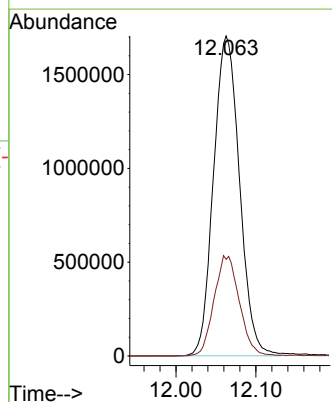
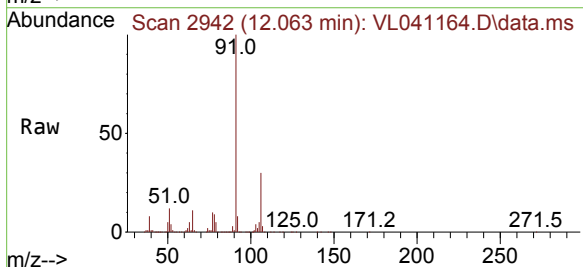
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

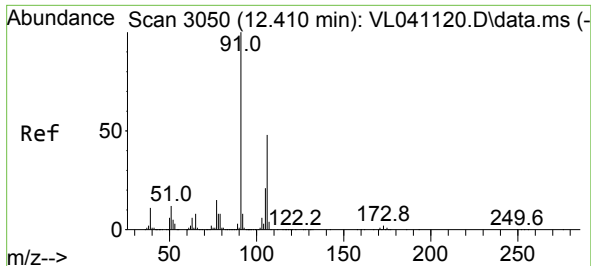
Tgt Ion:112 Resp: 2192247
Ion Ratio Lower Upper
112 100
77 67.2 54.0 81.0
114 32.4 29.3 35.9



#58
Ethyl Benzene
Concen: 11.679 ppbv
RT: 12.063 min Scan# 2942
Delta R.T. 0.000 min
Lab File: VL041164.D
Acq: 25 Apr 2024 9:31

Tgt Ion: 91 Resp: 3840861
Ion Ratio Lower Upper
91 100
106 30.2 25.6 38.4





#59

m/p-Xylene

Concen: 11.974 ppbv

RT: 12.349 min Scan# 3050

Delta R.T. 0.000 min

Lab File: VL041164.D

Acq: 25 Apr 2024 9:31

Instrument :

MSVOA_L

ClientSampleId :

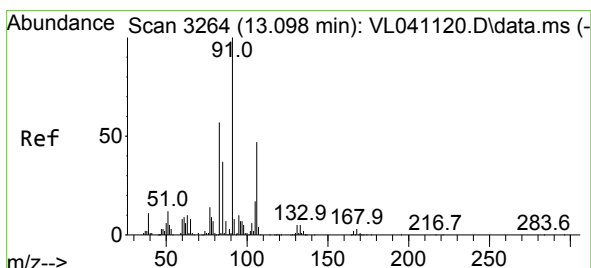
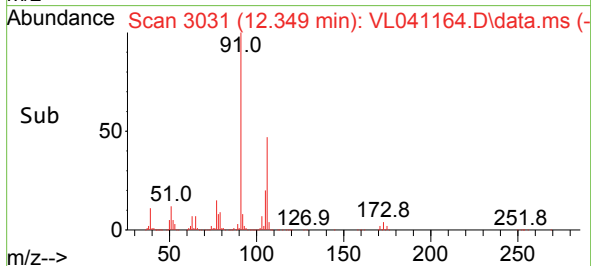
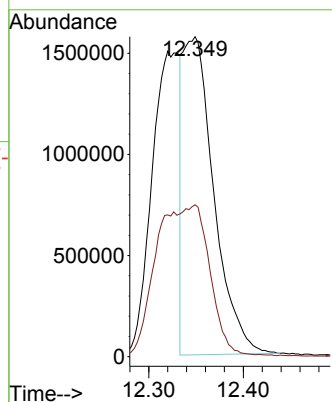
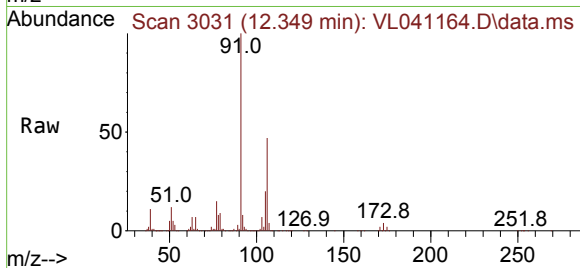
VSTDCCC010

Tgt Ion: 91 Resp: 3556328

Ion Ratio Lower Upper

91 100

106 83.6 35.4 53.2#



#60

o-Xylene

Concen: 11.399 ppbv

RT: 13.034 min Scan# 3244

Delta R.T. 0.000 min

Lab File: VL041164.D

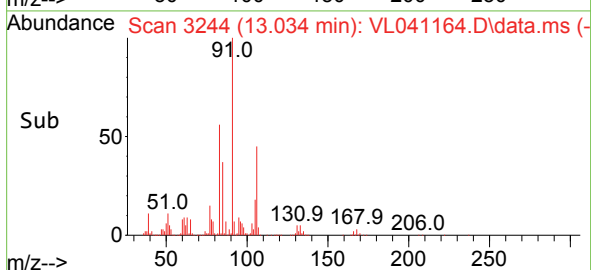
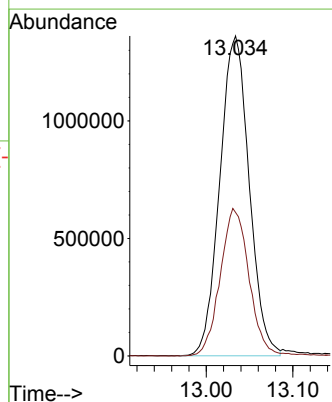
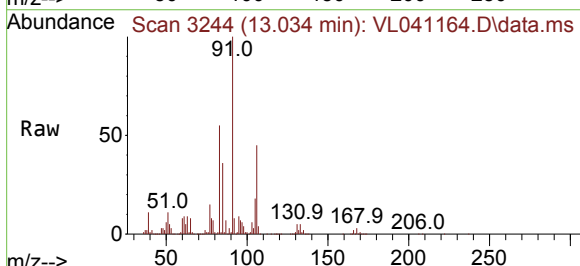
Acq: 25 Apr 2024 9:31

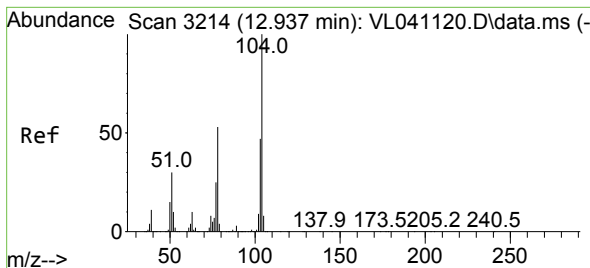
Tgt Ion: 91 Resp: 3207911

Ion Ratio Lower Upper

91 100

106 46.0 22.9 68.5





#61

Styrene

Concen: 12.907 ppbv

RT: 12.873 min Scan# 3194

Delta R.T. 0.000 min

Lab File: VL041164.D

Acq: 25 Apr 2024 9:31

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

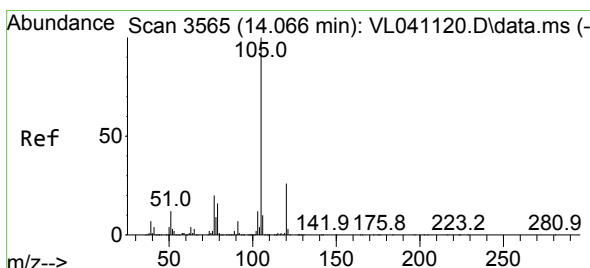
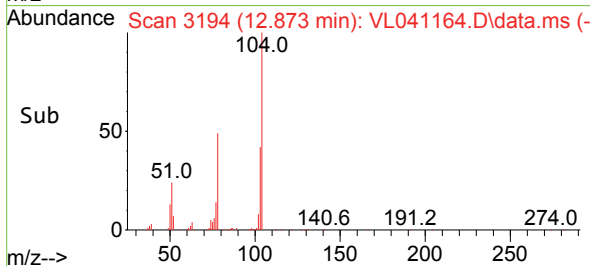
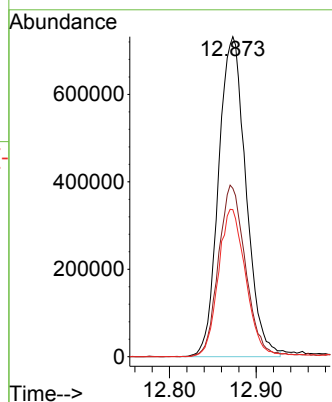
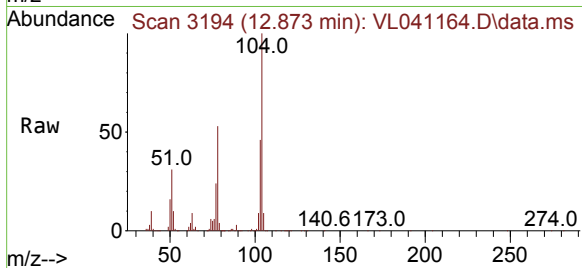
Tgt Ion:104 Resp: 1609501

Ion Ratio Lower Upper

104 100

78 53.5 43.3 64.9

103 46.7 38.2 57.2



#62

Isopropylbenzene

Concen: 11.068 ppbv

RT: 14.005 min Scan# 3546

Delta R.T. 0.000 min

Lab File: VL041164.D

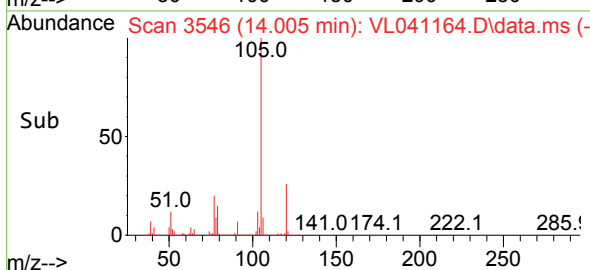
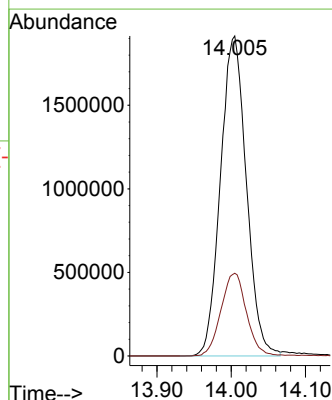
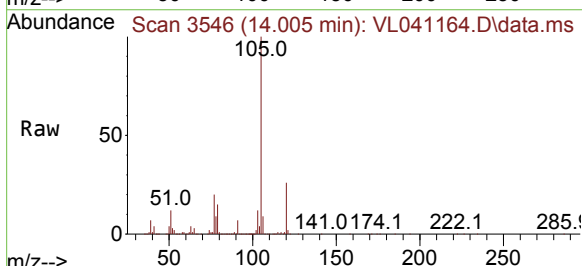
Acq: 25 Apr 2024 9:31

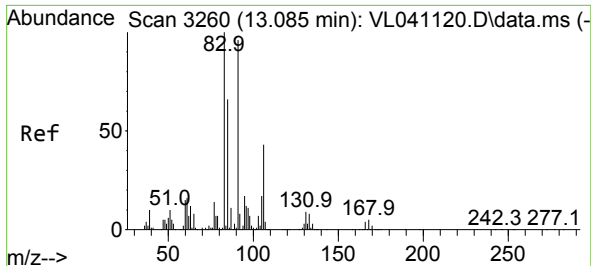
Tgt Ion:105 Resp: 4637066

Ion Ratio Lower Upper

105 100

120 25.8 21.0 31.4

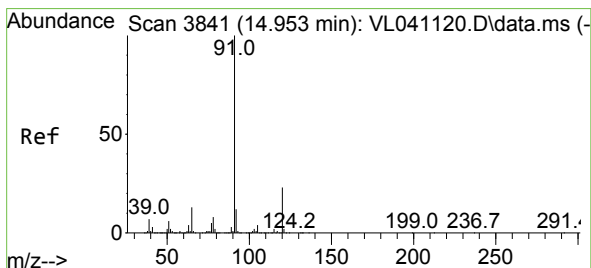
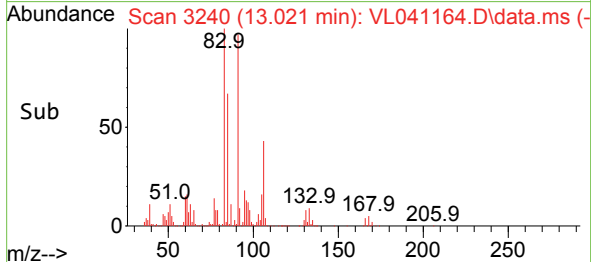
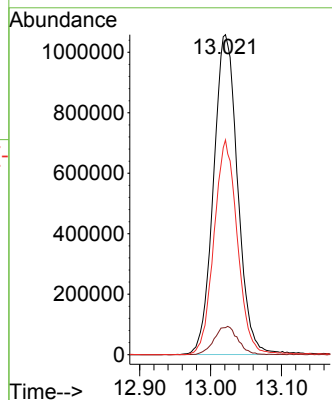
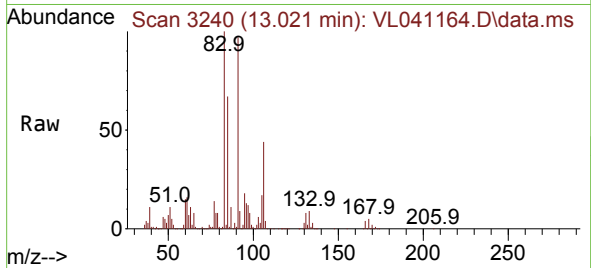




#63
1,1,2,2-Tetrachloroethane
Concen: 11.317 ppbv
RT: 13.021 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL041164.D
Acq: 25 Apr 2024 9:31

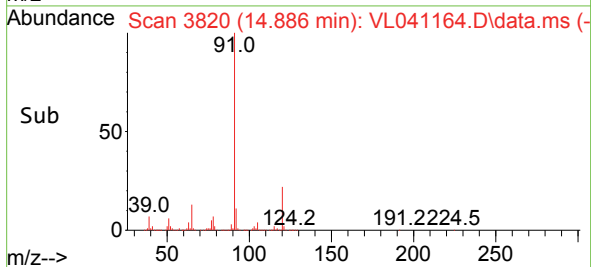
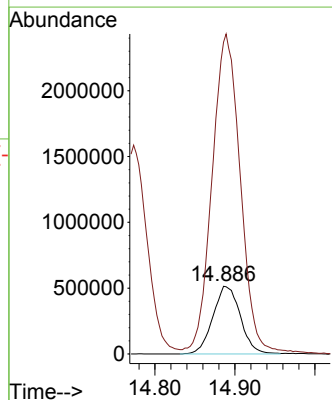
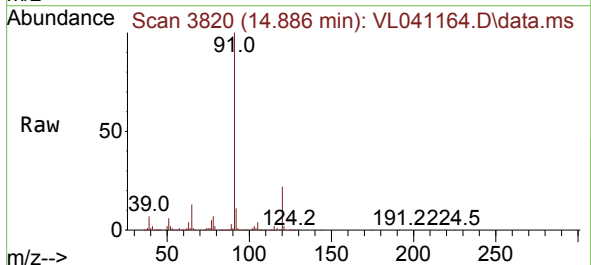
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

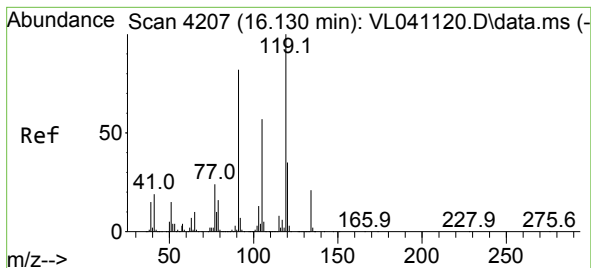
Tgt Ion: 83 Resp: 2502321
Ion Ratio Lower Upper
83 100
131 8.7 4.7 14.0
85 65.3 33.1 99.2



#64
n-propylbenzene
Concen: 11.655 ppbv
RT: 14.886 min Scan# 3820
Delta R.T. 0.000 min
Lab File: VL041164.D
Acq: 25 Apr 2024 9:31

Tgt Ion: 120 Resp: 1225489
Ion Ratio Lower Upper
120 100
91 490.7 395.0 592.6





#65

tert-Butylbenzene

Concen: 11.403 ppbv

RT: 16.063 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL041164.D

Acq: 25 Apr 2024 9:31

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

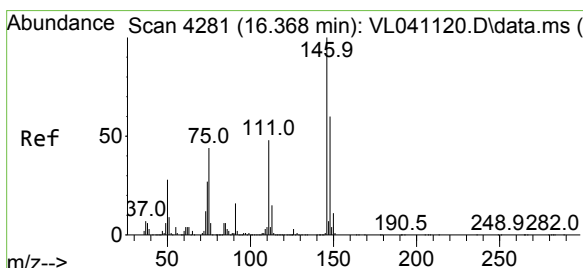
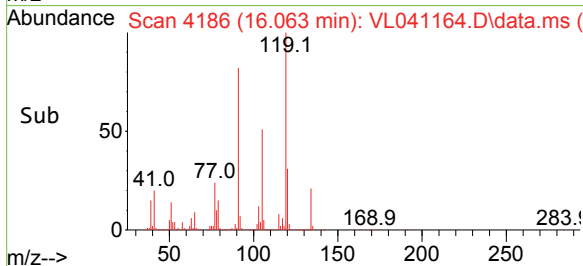
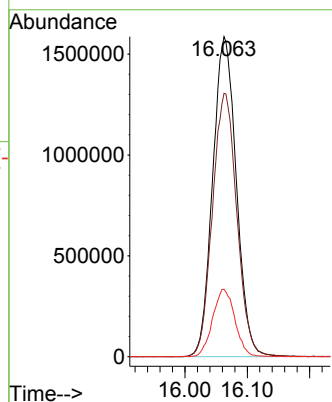
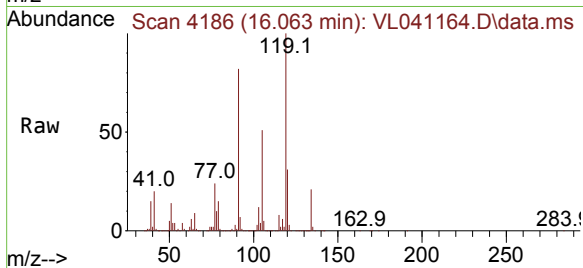
Tgt Ion:119 Resp: 4170997

Ion Ratio Lower Upper

119 100

91 85.0 67.8 101.8

134 20.0 16.0 24.0



#66

Benzyl Chloride

Concen: 12.104 ppbv

RT: 16.297 min Scan# 4259

Delta R.T. 0.000 min

Lab File: VL041164.D

Acq: 25 Apr 2024 9:31

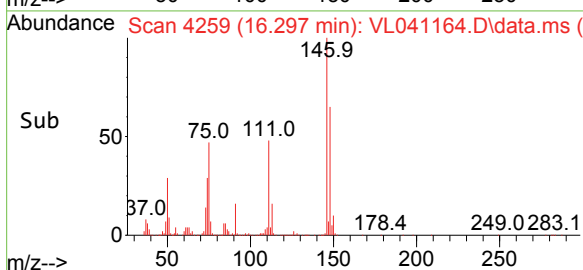
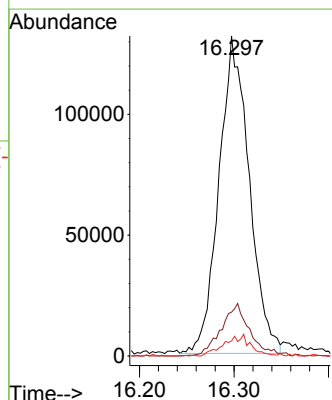
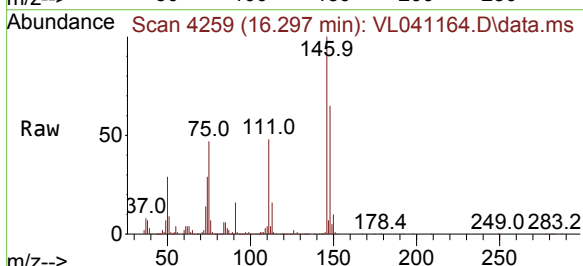
Tgt Ion: 91 Resp: 291281

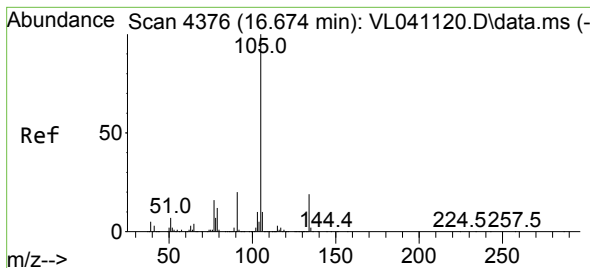
Ion Ratio Lower Upper

91 100

126 15.9 13.4 20.2

128 6.0 4.3 6.5

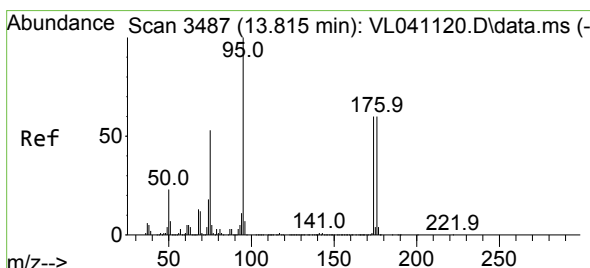
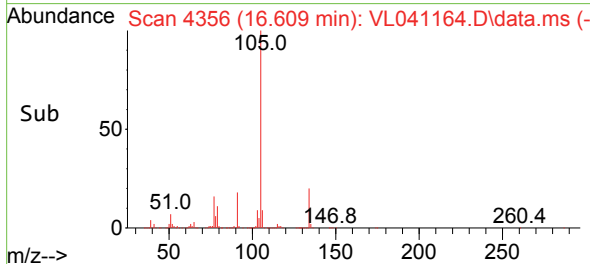
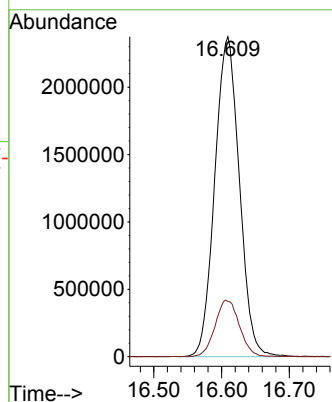
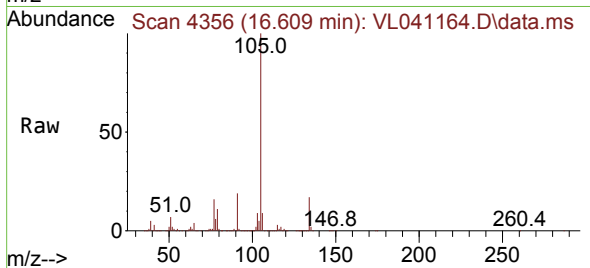




#67
 sec-Butylbenzene
 Concen: 11.283 ppbv
 RT: 16.609 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL041164.D
 Acq: 25 Apr 2024 9:31

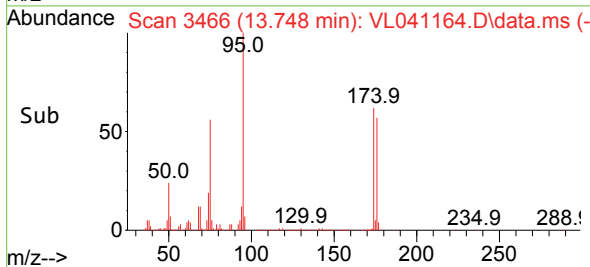
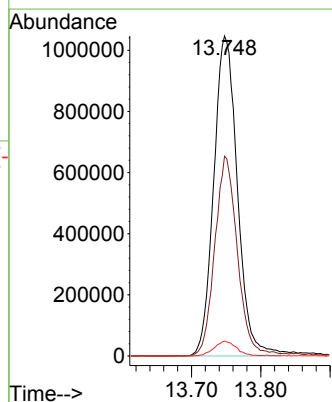
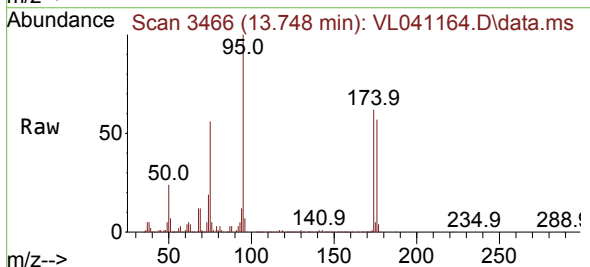
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

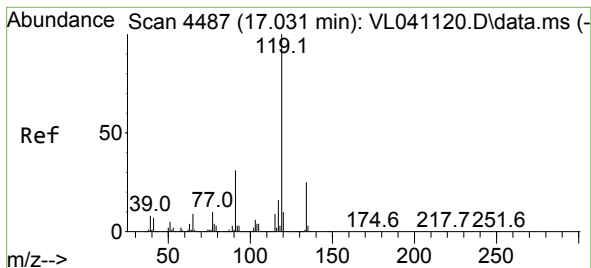
Tgt Ion:105 Resp: 5962284
 Ion Ratio Lower Upper
 105 100
 134 17.7 14.3 21.5



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.272 ppbv
 RT: 13.748 min Scan# 3466
 Delta R.T. 0.000 min
 Lab File: VL041164.D
 Acq: 25 Apr 2024 9:31

Tgt Ion: 95 Resp: 2481141
 Ion Ratio Lower Upper
 95 100
 174 60.8 49.3 73.9
 175 4.5 3.6 5.4





#69

p-Isopropyltoluene

Concen: 11.680 ppbv

RT: 16.969 min Scan# 4487

Delta R.T. 0.000 min

Lab File: VL041164.D

Acq: 25 Apr 2024 9:31

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

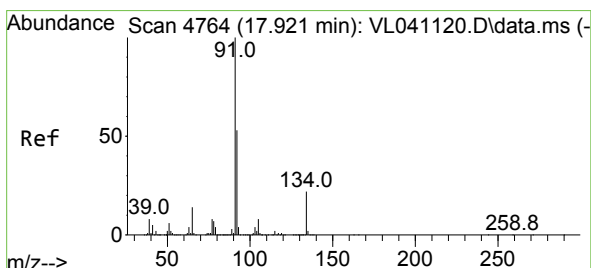
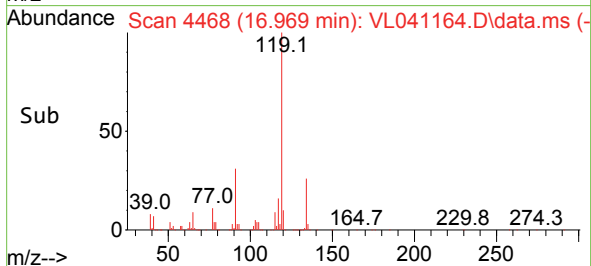
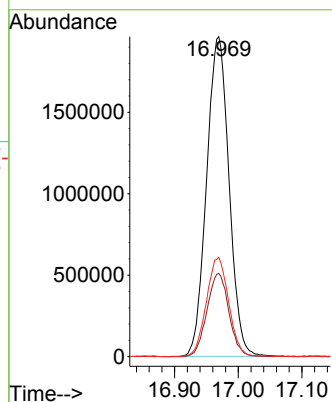
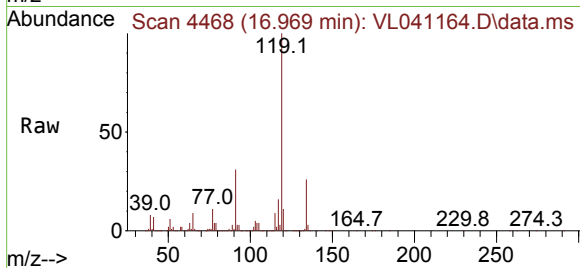
Tgt Ion:119 Resp: 4813456

Ion Ratio Lower Upper

119 100

134 25.6 20.5 30.7

91 30.9 24.8 37.2



#70

n-Butylbenzene

Concen: 11.735 ppbv

RT: 17.860 min Scan# 4745

Delta R.T. 0.000 min

Lab File: VL041164.D

Acq: 25 Apr 2024 9:31

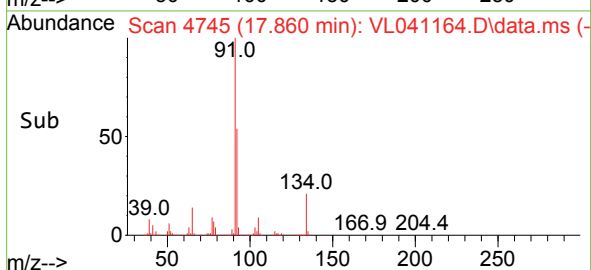
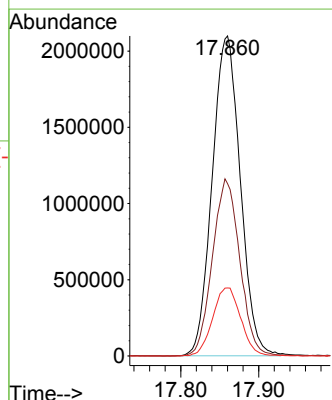
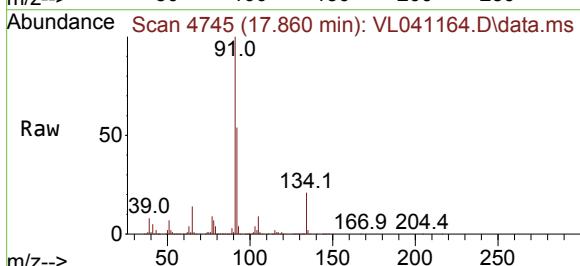
Tgt Ion: 91 Resp: 5253552

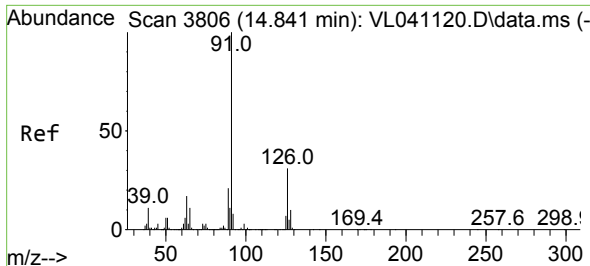
Ion Ratio Lower Upper

91 100

92 54.1 43.4 65.0

134 21.4 17.1 25.7

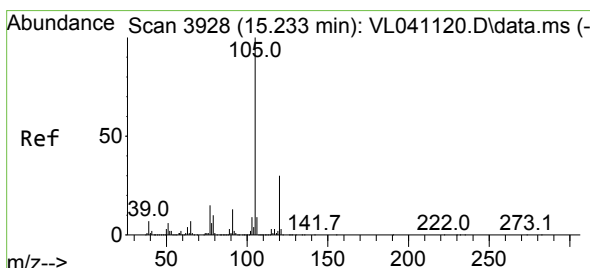
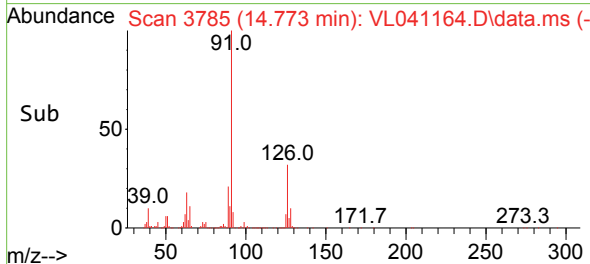
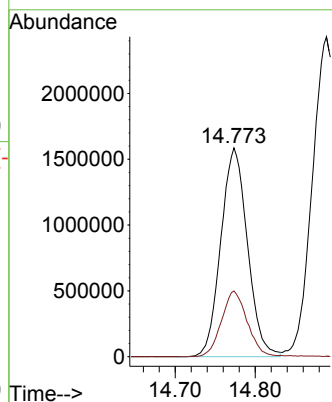
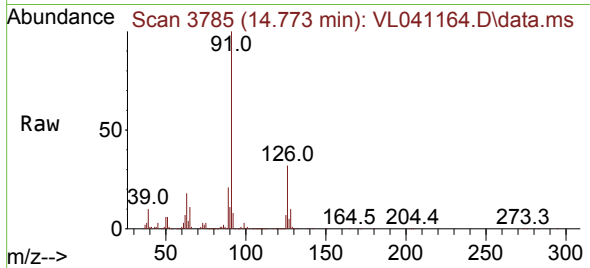




#71
2-Chlorotoluene
Concen: 11.405 ppbv
RT: 14.773 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL041164.D
Acq: 25 Apr 2024 9:31

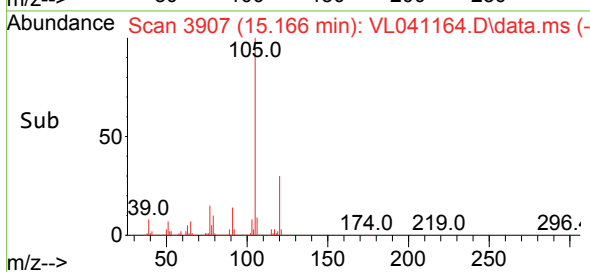
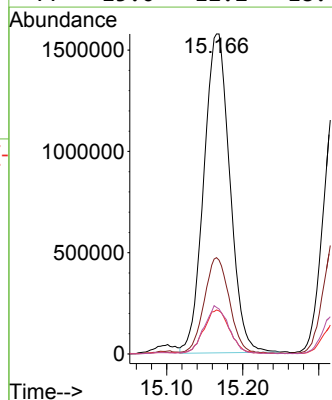
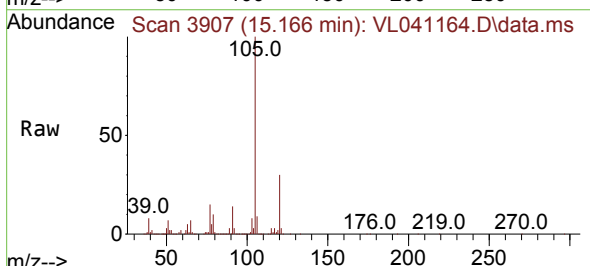
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

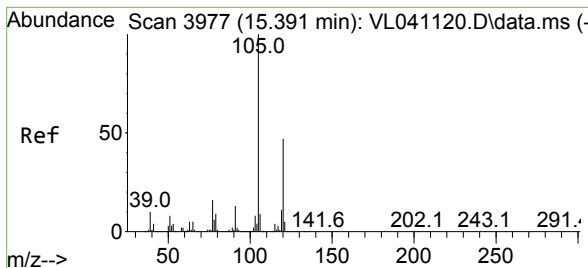
Tgt Ion: 91 Resp: 3664869
Ion Ratio Lower Upper
91 100
126 31.2 12.5 50.1



#72
4-Ethyltoluene
Concen: 11.903 ppbv
RT: 15.166 min Scan# 3907
Delta R.T. 0.000 min
Lab File: VL041164.D
Acq: 25 Apr 2024 9:31

Tgt Ion: 105 Resp: 3741590
Ion Ratio Lower Upper
105 100
120 30.5 24.2 36.2
91 13.6 11.2 16.8
77 15.0 12.2 18.4





#73

1,3,5-Trimethylbenzene

Concen: 11.658 ppbv

RT: 15.326 min Scan# 3977

Delta R.T. 0.000 min

Lab File: VL041164.D

Acq: 25 Apr 2024 9:31

Instrument :

MSVOA_L

ClientSampleId :

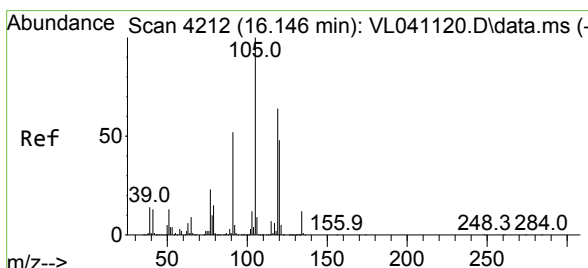
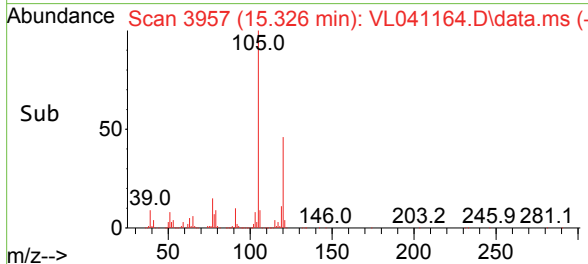
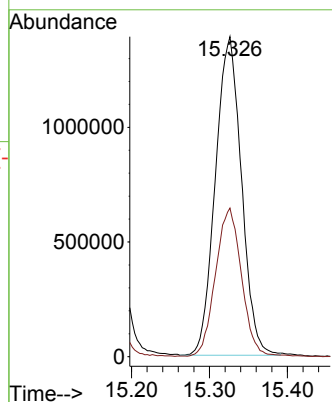
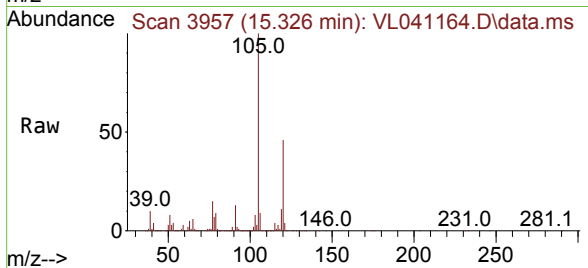
VSTDCCC010

Tgt Ion:105 Resp: 3231855

Ion Ratio Lower Upper

105 100

120 46.5 37.8 56.8



#74

1,2,4-Trimethylbenzene

Concen: 11.366 ppbv

RT: 16.082 min Scan# 4192

Delta R.T. 0.000 min

Lab File: VL041164.D

Acq: 25 Apr 2024 9:31

Tgt Ion:105 Resp: 3606148

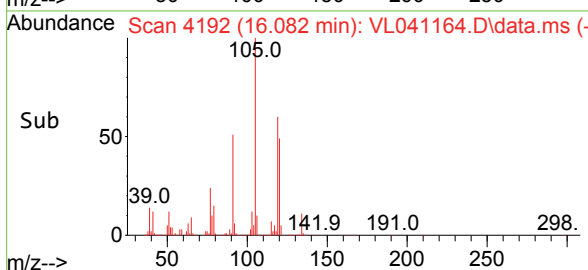
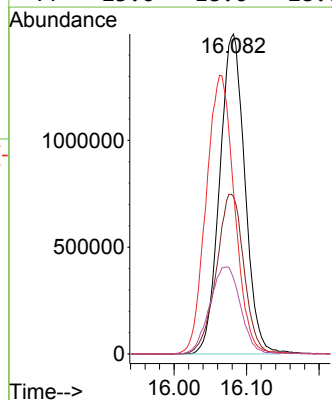
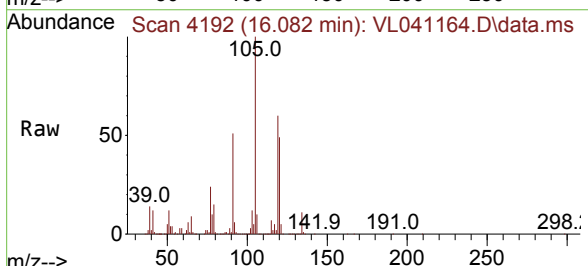
Ion Ratio Lower Upper

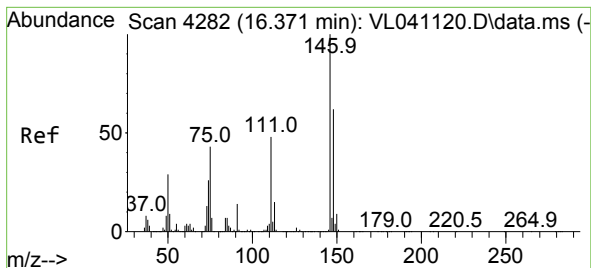
105 100

120 49.1 38.9 58.3

91 50.5 43.0 64.6

77 23.6 18.6 28.0





#75

1,3-Dichlorobenzene

Concen: 11.291 ppbv

RT: 16.304 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL041164.D

Acq: 25 Apr 2024 9:31

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

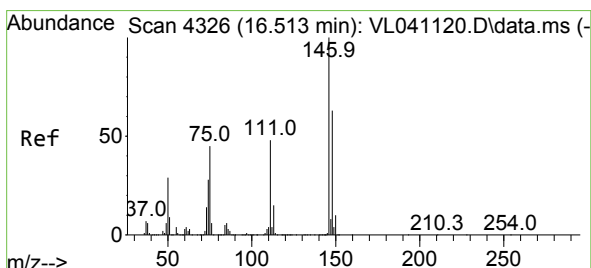
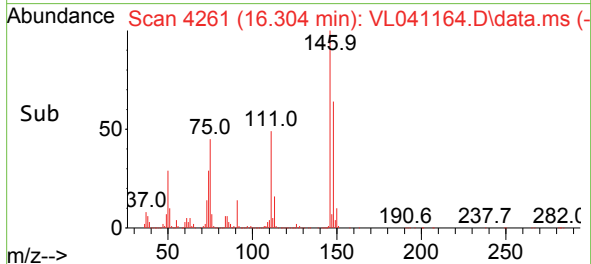
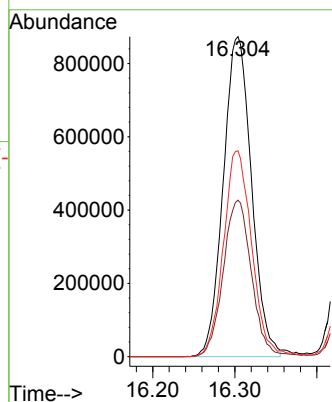
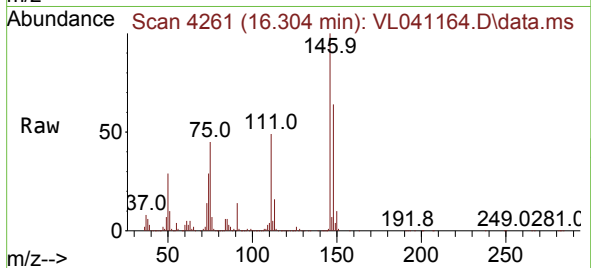
Tgt Ion:146 Resp: 2091416

Ion Ratio Lower Upper

146 100

111 49.0 24.1 72.4

148 64.7 32.0 96.2



#76

1,4-Dichlorobenzene

Concen: 11.469 ppbv

RT: 16.445 min Scan# 4305

Delta R.T. 0.000 min

Lab File: VL041164.D

Acq: 25 Apr 2024 9:31

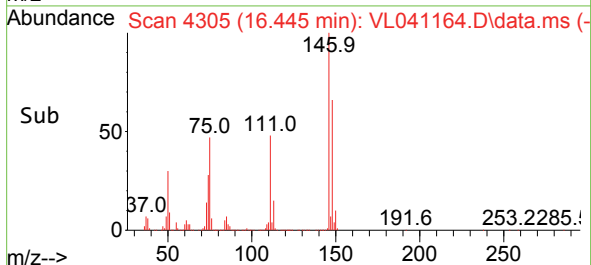
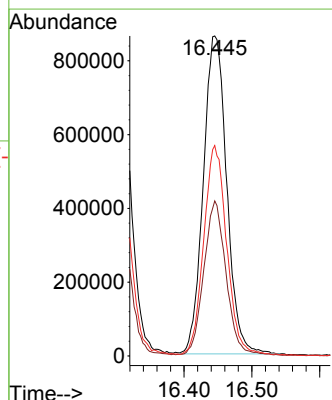
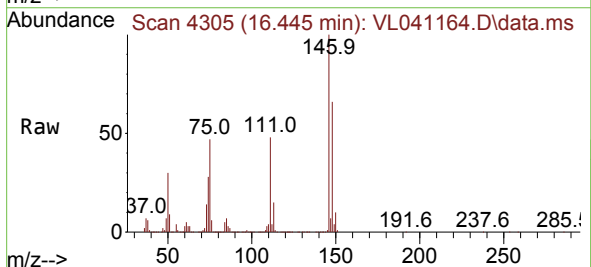
Tgt Ion:146 Resp: 2066501

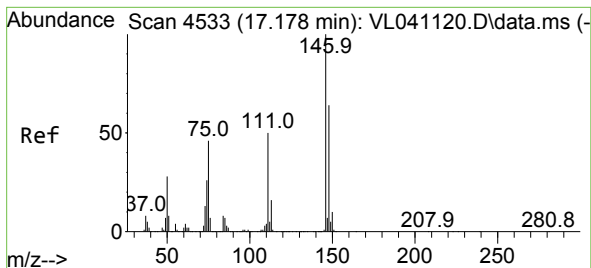
Ion Ratio Lower Upper

146 100

111 46.9 24.1 72.3

148 65.7 33.1 99.2





#77

1,2-Dichlorobenzene

Concen: 11.443 ppbv

RT: 17.114 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL041164.D

Acq: 25 Apr 2024 9:31

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

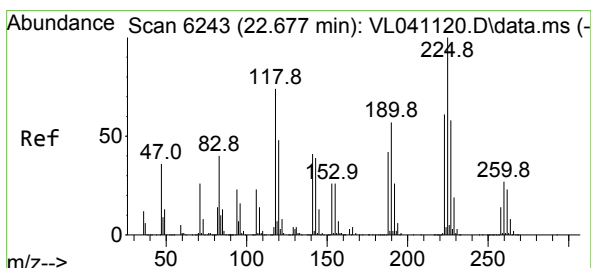
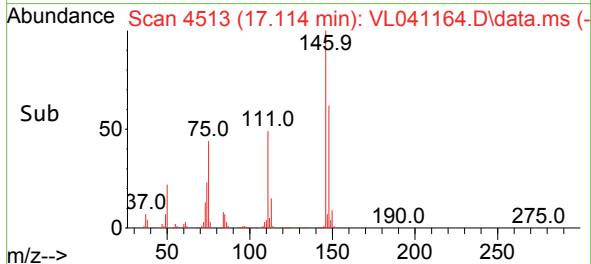
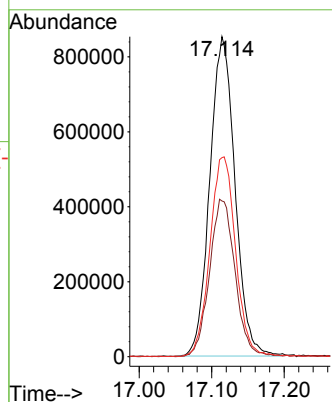
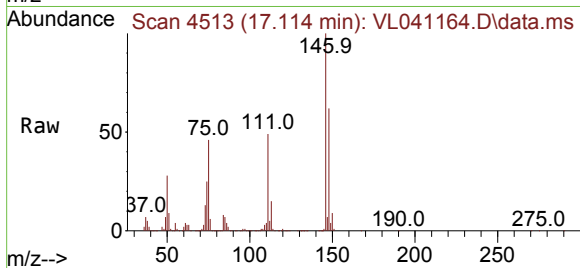
Tgt Ion:146 Resp: 2058221

Ion Ratio Lower Upper

146 100

111 50.2 25.1 75.3

148 64.0 32.6 97.7



#78

Hexachloro-1,3-Butadiene

Concen: 10.622 ppbv

RT: 22.603 min Scan# 6220

Delta R.T. 0.000 min

Lab File: VL041164.D

Acq: 25 Apr 2024 9:31

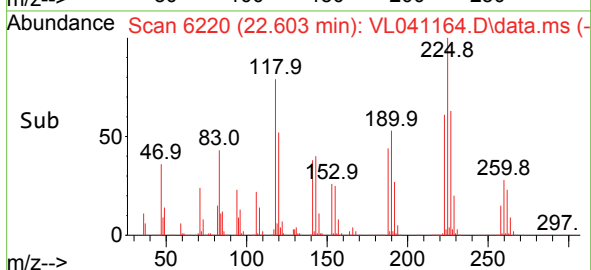
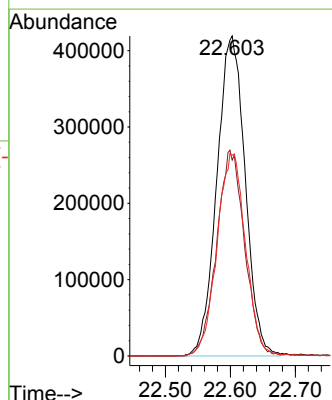
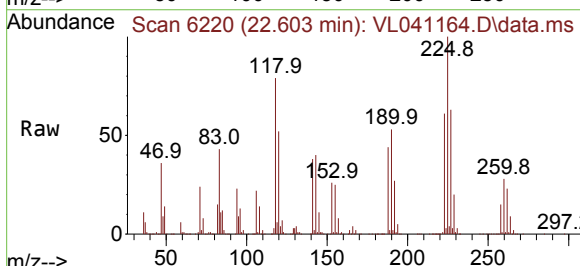
Tgt Ion:225 Resp: 1270220

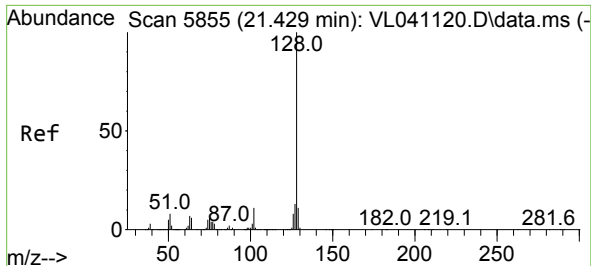
Ion Ratio Lower Upper

225 100

223 63.7 50.9 76.3

227 64.2 51.3 76.9

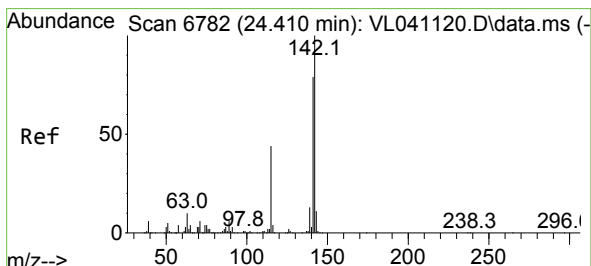
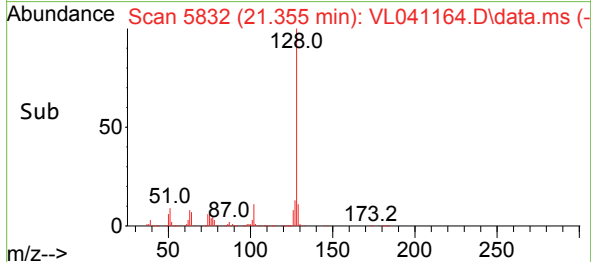
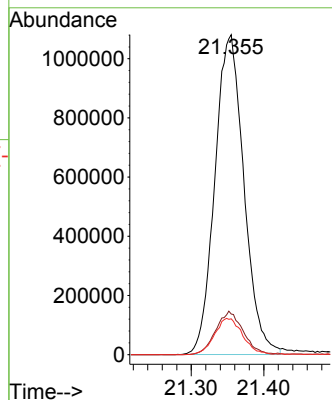
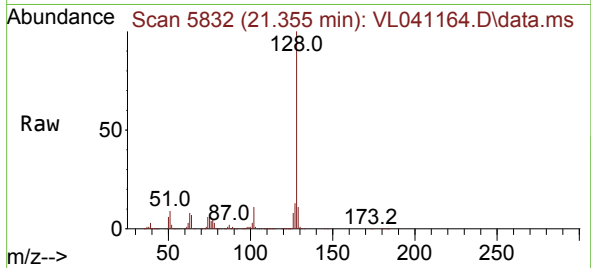




#79
Naphthalene
Concen: 14.775 ppbv
RT: 21.355 min Scan# 5832
Delta R.T. 0.000 min
Lab File: VL041164.D
Acq: 25 Apr 2024 9:31

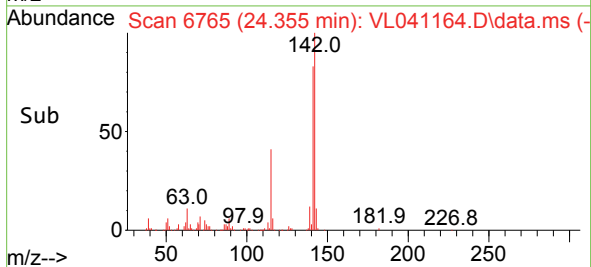
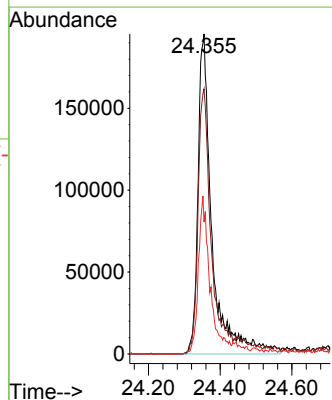
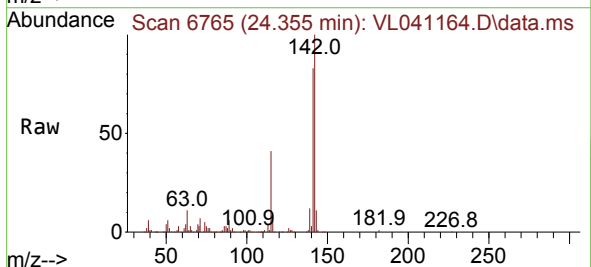
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

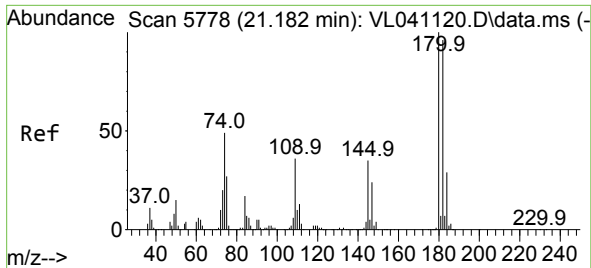
Tgt Ion:128 Resp: 3007325
Ion Ratio Lower Upper
128 100
127 12.7 10.6 15.8
129 11.2 8.6 12.8



#80
Naphthalene,2-methyl-
Concen: 13.421 ppbv
RT: 24.355 min Scan# 6765
Delta R.T. 0.000 min
Lab File: VL041164.D
Acq: 25 Apr 2024 9:31

Tgt Ion:142 Resp: 532135
Ion Ratio Lower Upper
142 100
141 82.2 64.4 96.6
115 45.0 33.5 50.3





#81

1,2,4-Trichlorobenzene

Concen: 12.899 ppbv

RT: 21.111 min Scan# 51

Delta R.T. 0.000 min

Lab File: VL041164.D

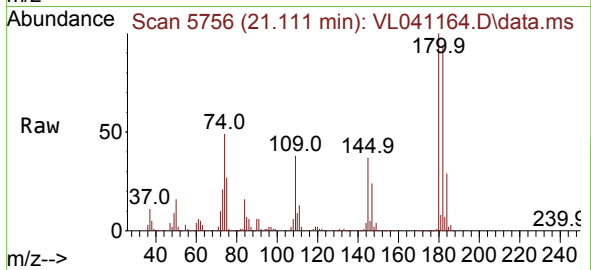
Acq: 25 Apr 2024 9:31

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion:180 Resp: 1471820

Ion Ratio Lower Upper

180 100

182 96.3 77.4 116.2

184 30.4 24.9 37.3

