

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062624\
 Data File : VL041354.D
 Acq On : 26 Jun 2024 10:13
 Operator : SY/MD
 Sample : VSTDIC001
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jun 27 08:26:18 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL062624AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022

QLast Update : Wed Jun 12 01:18:29 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.205	49	1079733	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.664	114	2931450	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.481	117	2677200	10.000	ppbv	0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.790	95	2003165	9.691	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.900%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.771	85	5677	0.033	ppbv	98
3) Chlorodifluoromethane	2.681	51	208960	1.225	ppbv	100
4) Chloromethane	2.819	50	78102	1.216	ppbv	98
5) Vinyl Chloride	2.928	62	78097	1.207	ppbv	96
6) Bromomethane	3.157	94	1319	0.057	ppbv #	23
7) Chloroethane	3.202	64	29455	1.322	ppbv #	82
8) Dichlorotetrafluoroethane	2.864	85	200171	1.262	ppbv	96
9) Propene	2.703	41	70667	1.163	ppbv	98
10) Heptane	7.594	43	164221	1.140	ppbv	96
11) Trichlorofluoromethane	3.571	101	197150	1.244	ppbv	96
12) 1,1,2-Trichlorotrifluo...	4.076	101	141297	1.262	ppbv	94
13) Ethanol	3.269	45	9952	0.629	ppbv #	38
14) Bromoethene	3.378	108	52601	1.161	ppbv	87
15) Acetone	3.488	43	171403	1.390	ppbv	96
16) 1,3-Butadiene	2.993	39	64660	1.043	ppbv #	77
17) tert-Butyl alcohol	3.899	59	114480	1.009	ppbv	100
18) 1,1-Dichloroethene	3.893	96	58863	1.232	ppbv	99
19) Isopropyl Alcohol	3.597	45	40530	0.523	ppbv #	88
20) Methylene Chloride	3.944	84	59733	1.333	ppbv	90
21) Allyl Chloride	4.005	41	88770	1.137	ppbv	93
22) trans-1,2-Dichloroethene	4.459	96	57135	1.148	ppbv	97
23) Vinyl Acetate	4.642	43	132191	1.048	ppbv #	97
24) 1,1-Dichloroethane	4.574	63	133991	1.208	ppbv	97
25) Ethyl Acetate	5.221	43	293468	1.203	ppbv	99
26) Hexane	5.227	57	129091	1.177	ppbv	97
27) Carbon Disulfide	4.137	76	149130	1.228	ppbv #	92
28) Methyl tert-Butyl Ether	4.607	73	92004	1.132	ppbv	96
29) Chloroform	5.288	83	201295	1.196	ppbv	91
30) Cyclohexane	6.613	84	101332	1.140	ppbv	90
31) cis-1,2-Dichloroethene	5.092	61	121085	1.168	ppbv	98
32) 1,1,1-Trichloroethane	6.015	97	189501	1.189	ppbv	98
34) 2-Butanone	4.806	43	169152	1.204	ppbv	98
35) Carbon Tetrachloride	6.507	117	189395	1.137	ppbv	97
36) Benzene	6.381	78	260568	1.147	ppbv	97
37) 1,2-Dichloroethane	5.816	62	150065	1.133	ppbv	99
38) Trichloroethene	7.301	130	51271	0.557	ppbv	95
39) 1,2-Dichloropropane	7.086	63	98476	1.088	ppbv	99
40) 1,4-Dioxane	7.317	88	11445	0.345	ppbv #	1
41) Tetrahydrofuran	5.584	42	96506	1.056	ppbv	97
42) Bromodichloromethane	7.259	83	205863	1.082	ppbv	94
43) Methyl Methacrylate	7.484	69	35348	0.408	ppbv #	1
44) 2,2,4-Trimethylpentane	7.340	57	449456	1.150	ppbv	99
45) t-1,3-Dichloropropene	8.722	75	25941	0.444	ppbv	98

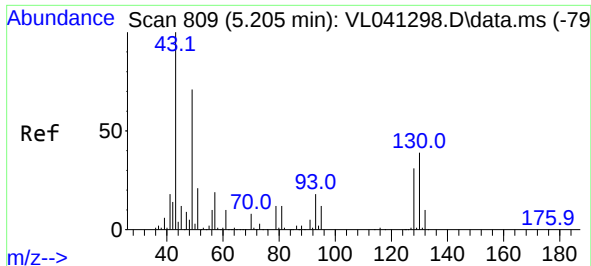
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062624\
 Data File : VL041354.D
 Acq On : 26 Jun 2024 10:13
 Operator : SY/MD
 Sample : VSTDIC001
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jun 27 08:26:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL062624AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Jun 12 01:18:29 2024
 Response via : Initial Calibration

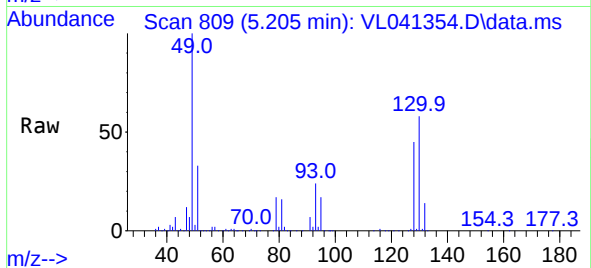
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.160	75	77498	1.031	ppbv	96
47) 1,1,2-Trichloroethane	8.912	97	106962	1.131	ppbv	97
48) Dibromochloromethane	9.722	129	169856	1.090	ppbv	97
49) Bromoform	12.413	173	64628	0.515	ppbv #	26
50) 4-Methyl-2-Pentanone	8.208	43	268205	1.154	ppbv	98
51) 2-Hexanone	9.584	43	187959	1.138	ppbv #	98
52) Tetrachloroethene	10.626	164	93787	1.132	ppbv	95
53) Toluene	9.233	91	286524	1.096	ppbv	99
54) 1,2-Dibromoethane	10.021	107	136878	1.110	ppbv	98
56) 1,1,1,2-Tetrachloroethane	11.526	131	62753	0.554	ppbv #	1
57) Chlorobenzene	11.539	112	233514	1.174	ppbv	96
58) Ethyl Benzene	12.102	91	398770	1.162	ppbv	97
59) m/p-Xylene	12.391	91	241224	0.820	ppbv #	31
60) o-Xylene	13.073	91	331475	1.183	ppbv	100
61) Styrene	12.912	104	151027	1.099	ppbv	99
62) Isopropylbenzene	14.044	105	512092	1.208	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.063	83	151958	0.762	ppbv #	53
64) n-propylbenzene	14.931	120	129653	1.187	ppbv	91
65) tert-Butylbenzene	16.108	119	461952	1.226	ppbv	98
66) Benzyl Chloride	16.339	91	3833	0.155	ppbv #	1
67) sec-Butylbenzene	16.654	105	641703	1.205	ppbv	100
69) p-Isopropyltoluene	17.014	119	527960	1.203	ppbv	100
70) n-Butylbenzene	17.908	91	261794	0.575	ppbv #	33
71) 2-Chlorotoluene	14.812	91	377532	1.164	ppbv	99
72) 4-Ethyltoluene	15.207	105	377290	1.155	ppbv	99
73) 1,3,5-Trimethylbenzene	15.362	105	329198	1.161	ppbv	91
74) 1,2,4-Trimethylbenzene	16.124	105	372859	1.163	ppbv	92
75) 1,3-Dichlorobenzene	16.346	146	221285	1.176	ppbv	97
76) 1,4-Dichlorobenzene	16.490	146	216216	1.150	ppbv	97
77) 1,2-Dichlorobenzene	17.162	146	223264	1.185	ppbv	97
78) Hexachloro-1,3-Butadiene	22.657	225	171714	1.112	ppbv	97
79) Naphthalene	21.413	128	81390	0.293	ppbv	98
81) 1,2,4-Trichlorobenzene	21.172	180	66788	0.431	ppbv #	2

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

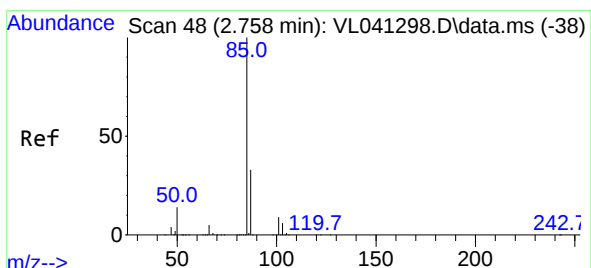
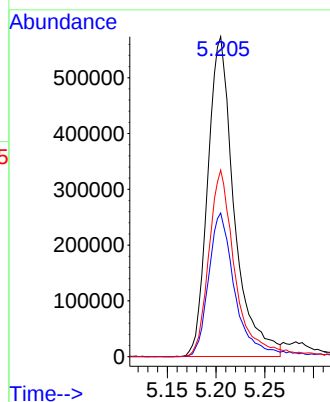
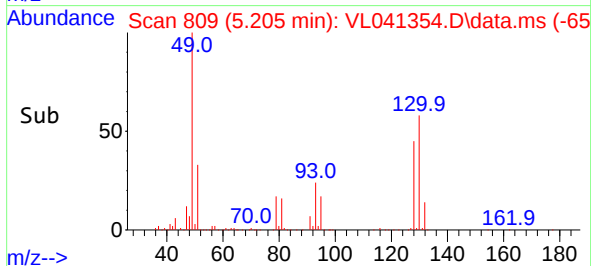


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.205 min Scan# 80
Delta R.T. -0.000 min
Lab File: VL041354.D
Acq: 26 Jun 2024 10:13

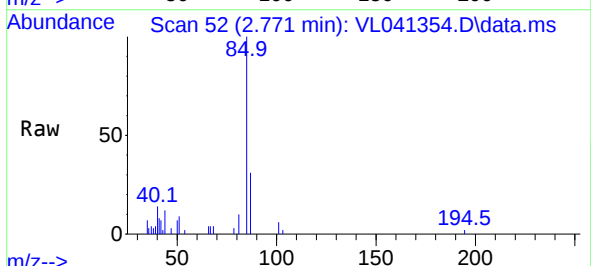
Instrument :
MSVOA_L
ClientSampleId :



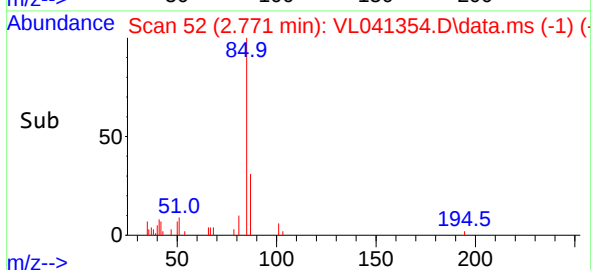
Tgt Ion: 49 Resp: 1079733
Ion Ratio Lower Upper
49 100
128 46.8 22.8 68.3
130 60.0 28.4 85.3



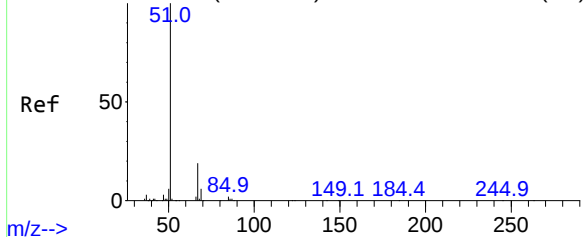
#2
Dichlorodifluoromethane
Concen: 0.033 ppbv
RT: 2.771 min Scan# 52
Delta R.T. 0.013 min
Lab File: VL041354.D
Acq: 26 Jun 2024 10:13



Tgt Ion: 85 Resp: 5677
Ion Ratio Lower Upper
85 100
87 31.8 26.5 39.7



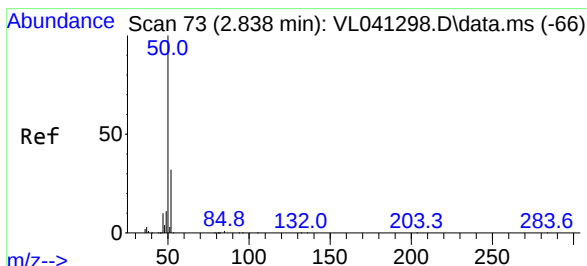
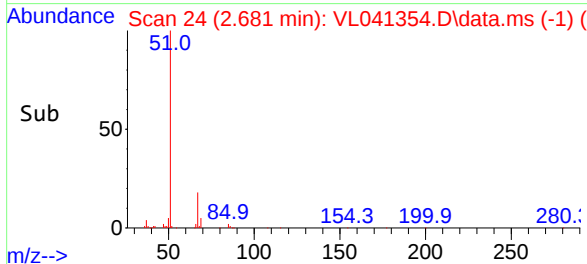
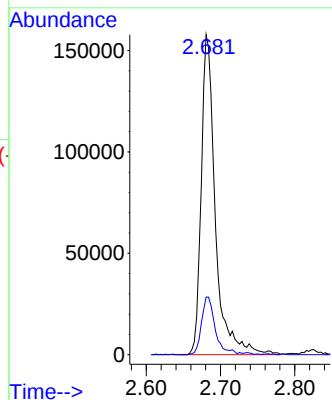
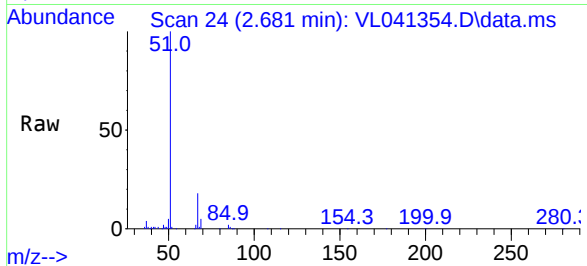
Abundance Scan 31 (2.703 min): VL041298.D\data.ms (-16)



#3
Chlorodifluoromethane
Concen: 1.225 ppbv
RT: 2.681 min Scan# 24
Delta R.T. -0.022 min
Lab File: VL041354.D
Acq: 26 Jun 2024 10:13

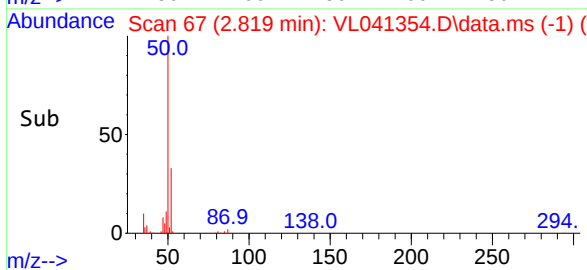
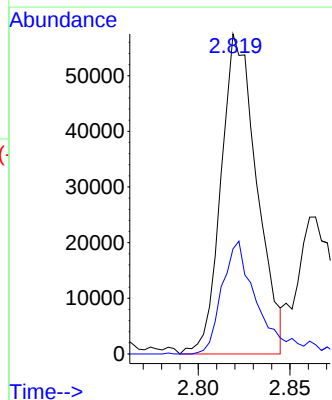
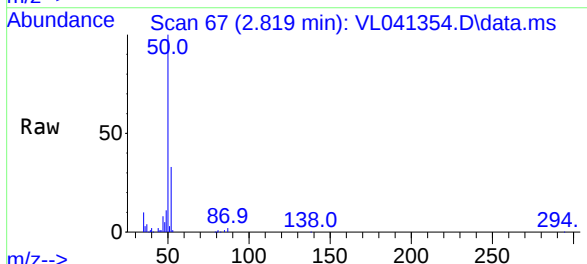
Instrument :
MSVOA_L
ClientSampleId :

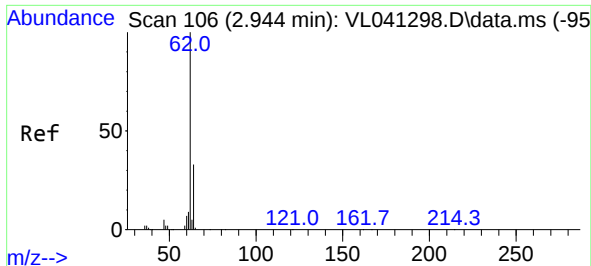
Tgt Ion: 51 Resp: 208960
Ion Ratio Lower Upper
51 100
67 18.2 14.7 22.1



#4
Chloromethane
Concen: 1.216 ppbv
RT: 2.819 min Scan# 67
Delta R.T. -0.019 min
Lab File: VL041354.D
Acq: 26 Jun 2024 10:13

Tgt Ion: 50 Resp: 78102
Ion Ratio Lower Upper
50 100
52 33.0 25.6 38.4

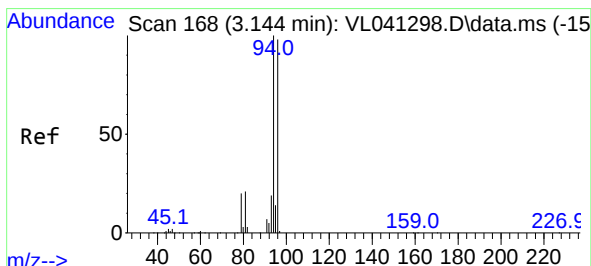
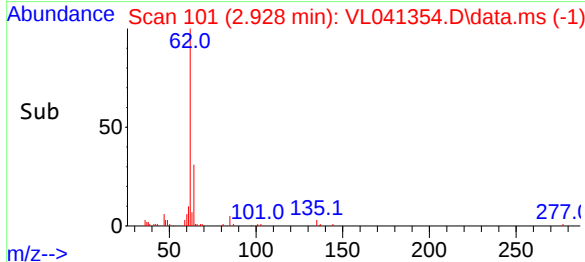
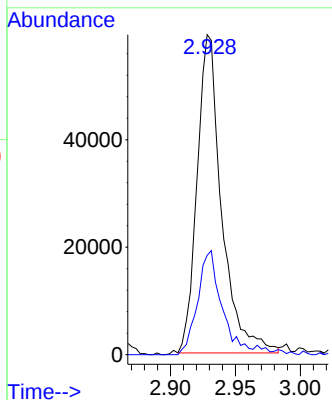
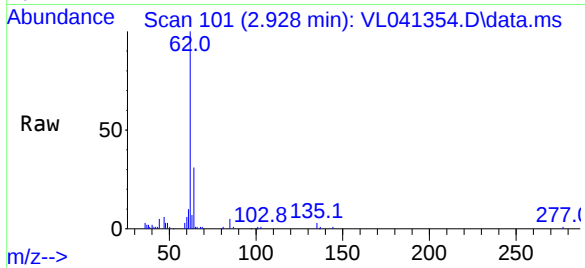




#5
 Vinyl Chloride
 Concen: 1.207 ppbv
 RT: 2.928 min Scan# 106
 Delta R.T. -0.016 min
 Lab File: VL041354.D
 Acq: 26 Jun 2024 10:13

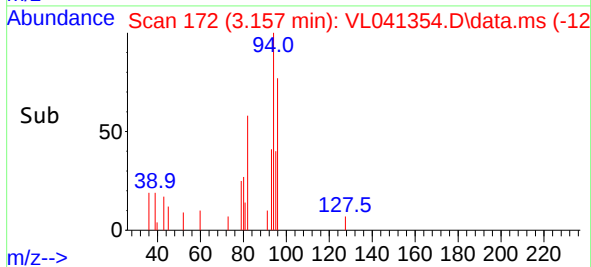
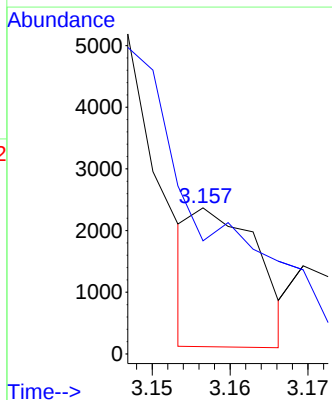
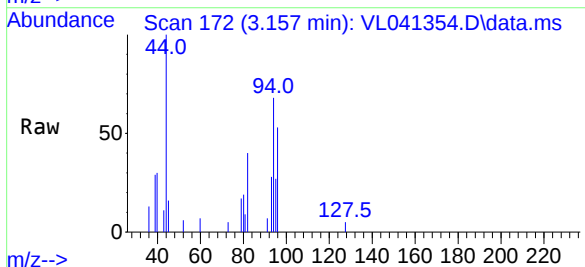
Instrument :
 MSVOA_L
 ClientSampleId :

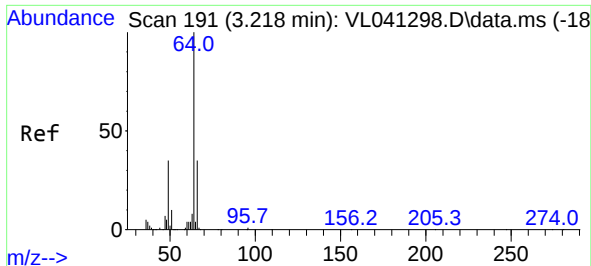
Tgt Ion: 62 Resp: 78097
 Ion Ratio Lower Upper
 62 100
 64 31.2 26.6 40.0



#6
 Bromomethane
 Concen: 0.057 ppbv
 RT: 3.157 min Scan# 172
 Delta R.T. 0.013 min
 Lab File: VL041354.D
 Acq: 26 Jun 2024 10:13

Tgt Ion: 94 Resp: 1319
 Ion Ratio Lower Upper
 94 100
 96 22.0 78.6 117.8#

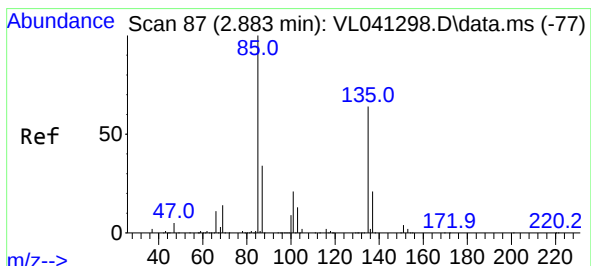
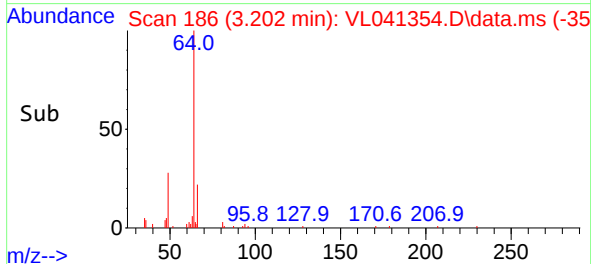
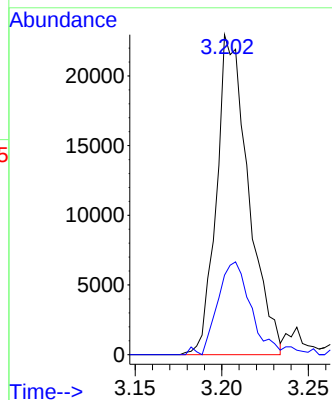
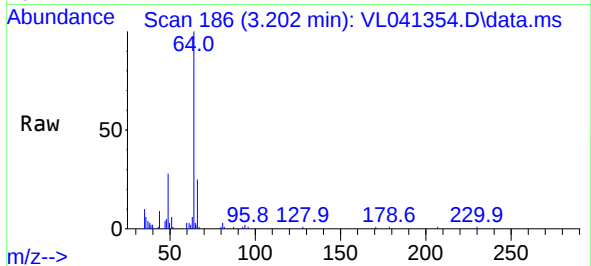




#7
Chloroethane
Concen: 1.322 ppbv
RT: 3.202 min Scan# 11
Delta R.T. -0.016 min
Lab File: VL041354.D
Acq: 26 Jun 2024 10:13

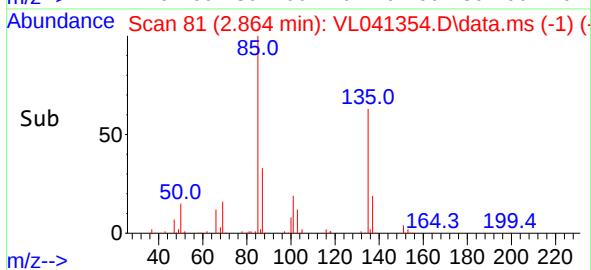
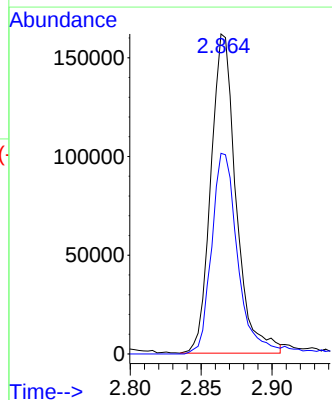
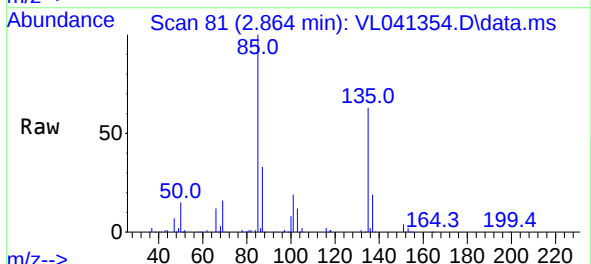
Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 64 Resp: 29455
Ion Ratio Lower Upper
64 100
66 24.8 28.1 42.1#

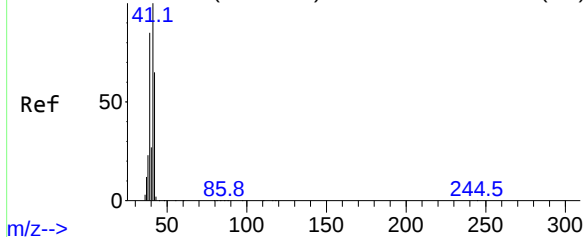


#8
Dichlorotetrafluoroethane
Concen: 1.262 ppbv
RT: 2.864 min Scan# 81
Delta R.T. -0.019 min
Lab File: VL041354.D
Acq: 26 Jun 2024 10:13

Tgt Ion: 85 Resp: 200171
Ion Ratio Lower Upper
85 100
135 67.6 51.7 77.5



Abundance Scan 37 (2.722 min): VL041298.D\data.ms (-27)



#9

Propene

Concen: 1.163 ppbv

RT: 2.703 min Scan# 31

Delta R.T. -0.019 min

Lab File: VL041354.D

Acq: 26 Jun 2024 10:13

Instrument :

MSVOA_L

ClientSampleId :

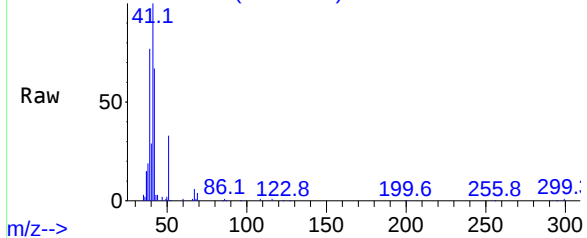
Tgt Ion: 41 Resp: 70667

Ion Ratio Lower Upper

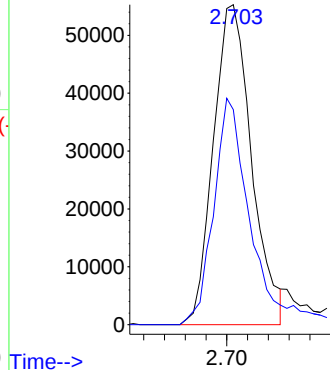
41 100

42 70.3 55.2 82.8

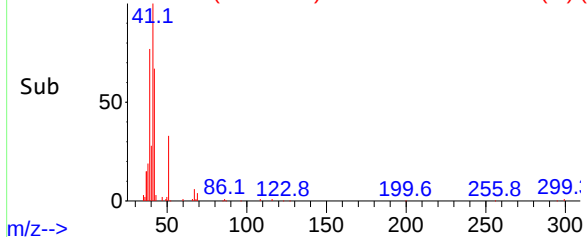
Abundance Scan 31 (2.703 min): VL041354.D\data.ms



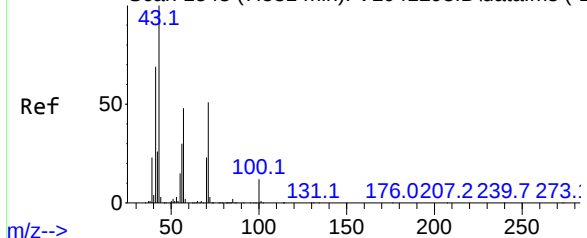
Abundance



Abundance Scan 31 (2.703 min): VL041354.D\data.ms (-1)



Abundance Scan 1548 (7.581 min): VL041298.D\data.ms (-1)



#10

Heptane

Concen: 1.140 ppbv

RT: 7.594 min Scan# 1552

Delta R.T. 0.013 min

Lab File: VL041354.D

Acq: 26 Jun 2024 10:13

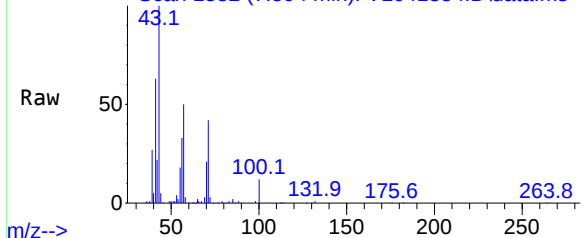
Tgt Ion: 43 Resp: 164221

Ion Ratio Lower Upper

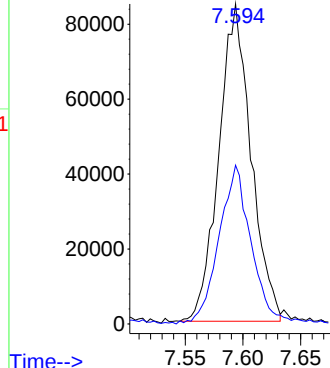
43 100

57 51.1 39.0 58.4

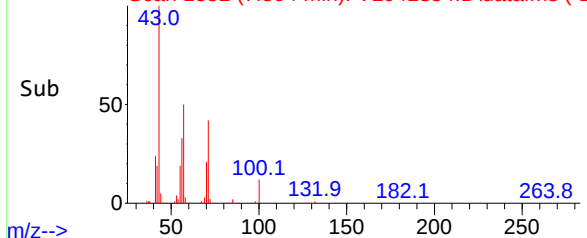
Abundance Scan 1552 (7.594 min): VL041354.D\data.ms

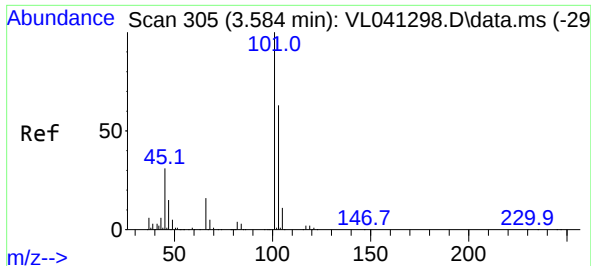


Abundance



Abundance Scan 1552 (7.594 min): VL041354.D\data.ms (-1)

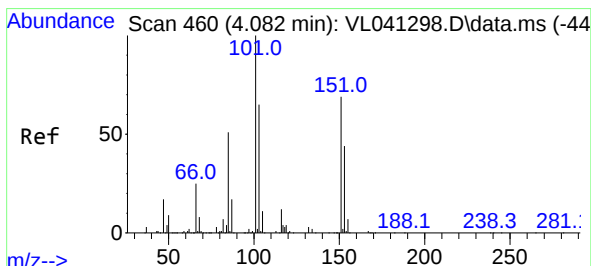
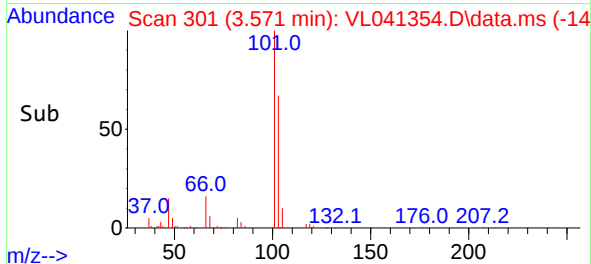
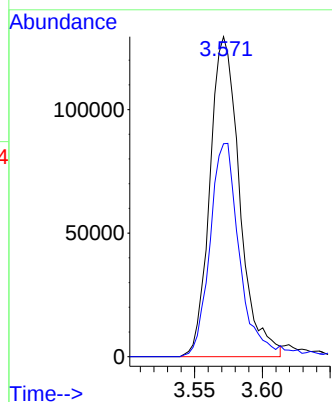
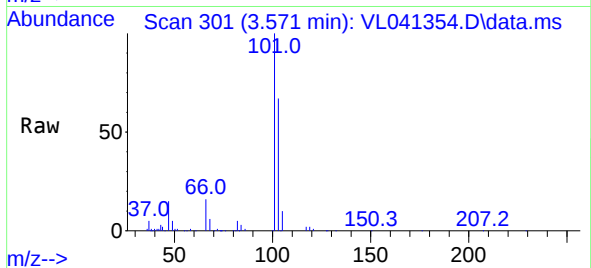




#11
Trichlorofluoromethane
Concen: 1.244 ppbv
RT: 3.571 min Scan# 305
Delta R.T. -0.013 min
Lab File: VL041354.D
Acq: 26 Jun 2024 10:13

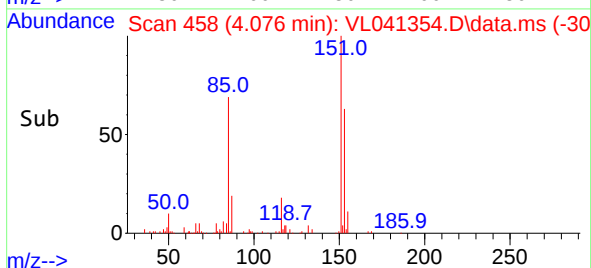
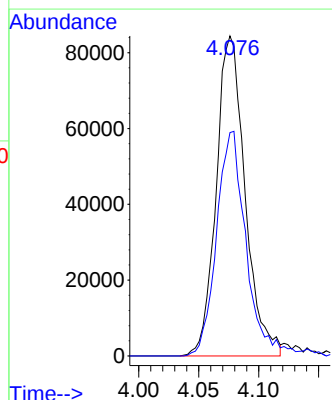
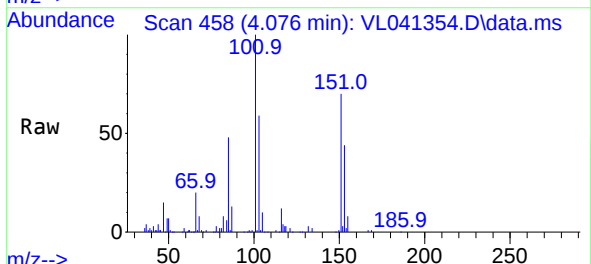
Instrument :
MSVOA_L
ClientSampleId :

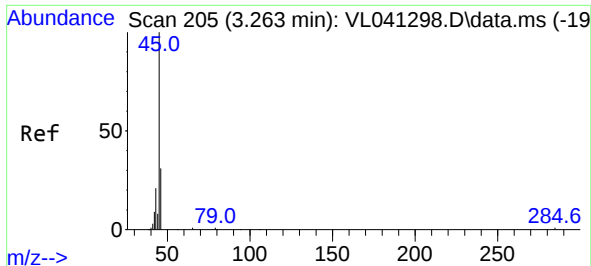
Tgt Ion:101 Resp: 197150
Ion Ratio Lower Upper
101 100
103 66.6 50.6 76.0



#12
1,1,2-Trichlorotrifluoroethane
Concen: 1.262 ppbv
RT: 4.076 min Scan# 458
Delta R.T. -0.006 min
Lab File: VL041354.D
Acq: 26 Jun 2024 10:13

Tgt Ion:101 Resp: 141297
Ion Ratio Lower Upper
101 100
151 73.0 54.8 82.2

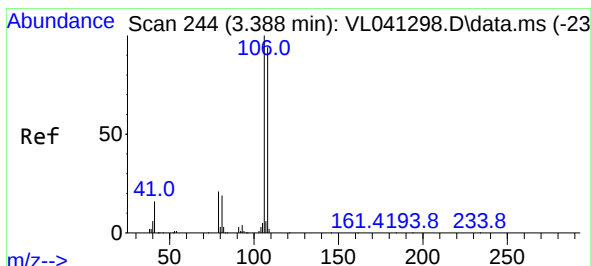
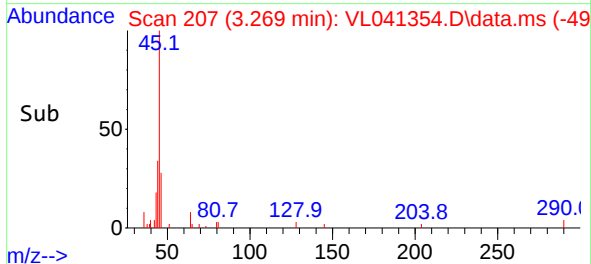
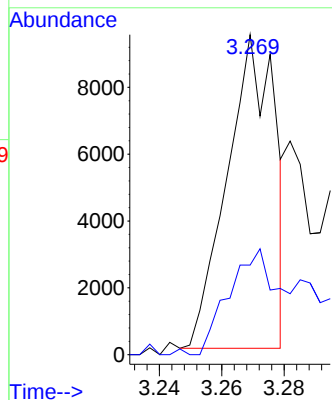
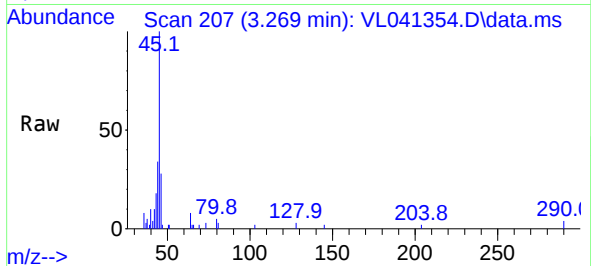




#13
Ethanol
Concen: 0.629 ppbv
RT: 3.269 min Scan# 205
Delta R.T. 0.006 min
Lab File: VL041354.D
Acq: 26 Jun 2024 10:13

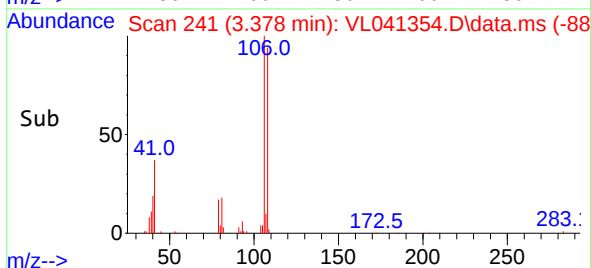
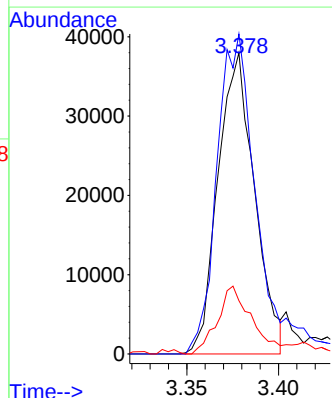
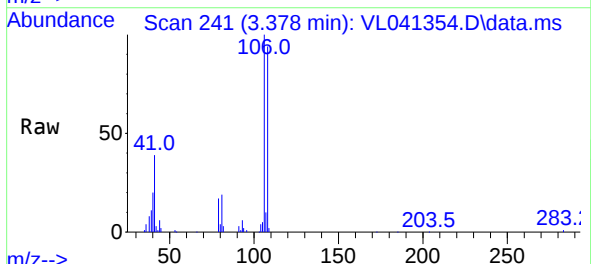
Instrument :
MSVOA_L
ClientSampleId :

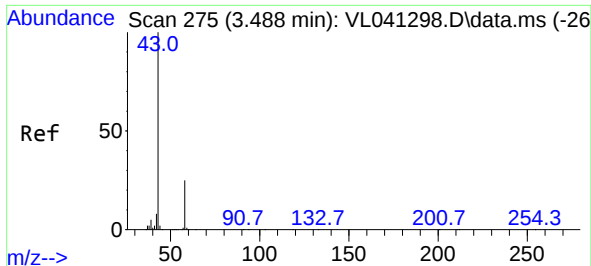
Tgt Ion: 45 Resp: 9952
Ion Ratio Lower Upper
45 100
46 71.6 14.2 56.6#



#14
Bromoethene
Concen: 1.161 ppbv
RT: 3.378 min Scan# 241
Delta R.T. -0.010 min
Lab File: VL041354.D
Acq: 26 Jun 2024 10:13

Tgt Ion: 108 Resp: 52601
Ion Ratio Lower Upper
108 100
106 121.1 85.4 128.0
79 25.5 17.8 26.8

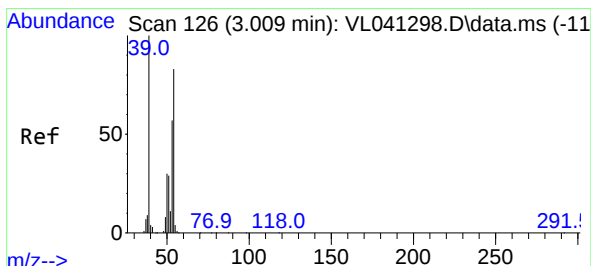
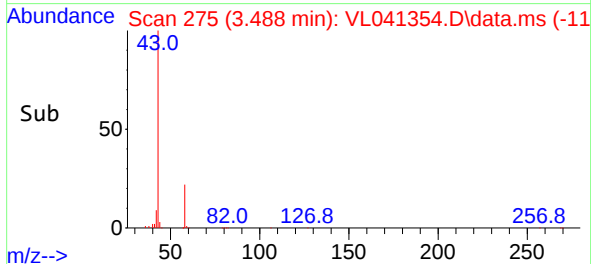
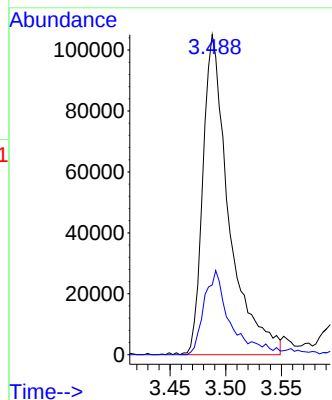
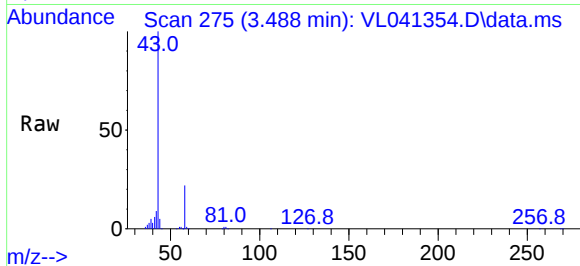




#15
Acetone
Concen: 1.390 ppbv
RT: 3.488 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL041354.D
Acq: 26 Jun 2024 10:13

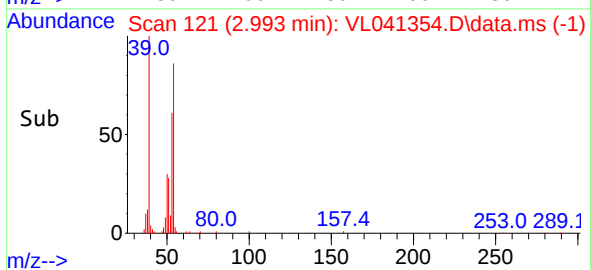
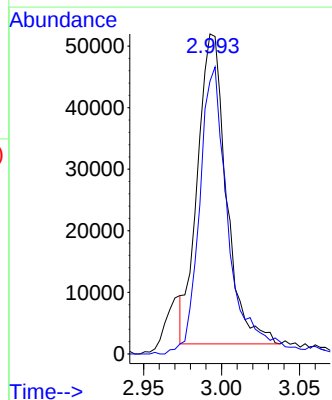
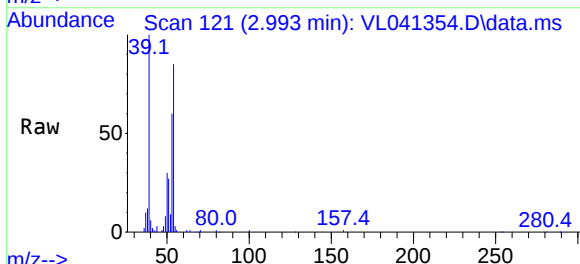
Instrument :
MSVOA_L
ClientSampleId :

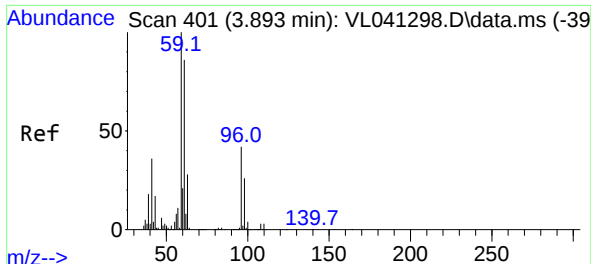
Tgt Ion: 43 Resp: 171403
Ion Ratio Lower Upper
43 100
58 27.7 20.6 31.0



#16
1,3-Butadiene
Concen: 1.043 ppbv
RT: 2.993 min Scan# 121
Delta R.T. -0.016 min
Lab File: VL041354.D
Acq: 26 Jun 2024 10:13

Tgt Ion: 39 Resp: 64660
Ion Ratio Lower Upper
39 100
54 95.5 60.5 90.7#

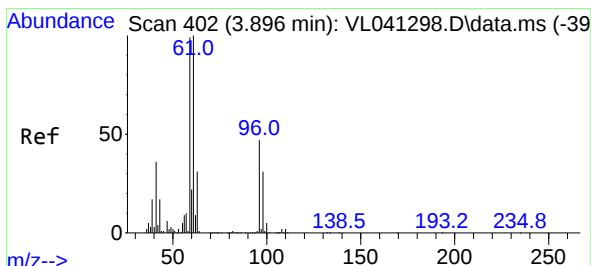
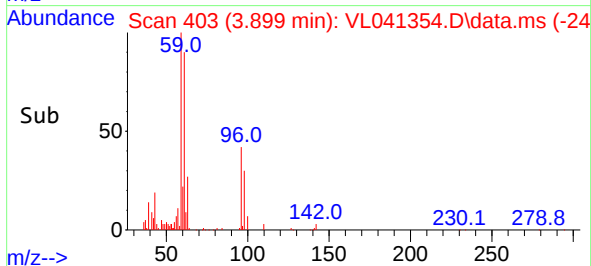
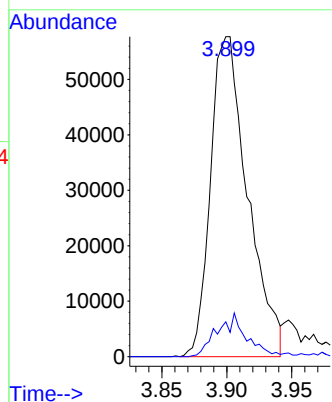
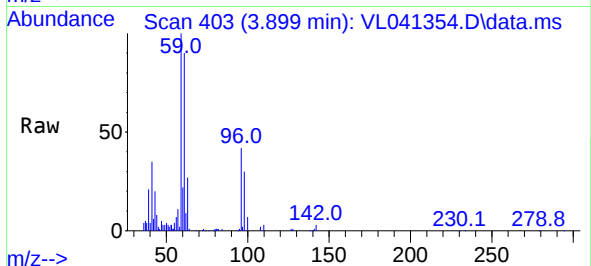




#17
tert-Butyl alcohol
Concen: 1.009 ppbv
RT: 3.899 min Scan# 401
Delta R.T. 0.006 min
Lab File: VL041354.D
Acq: 26 Jun 2024 10:13

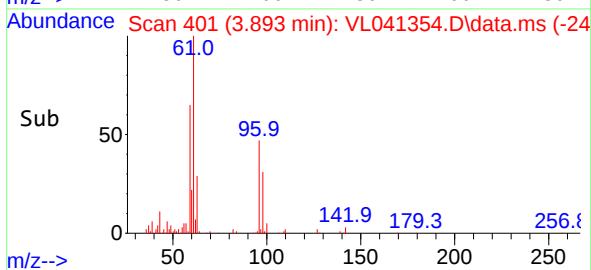
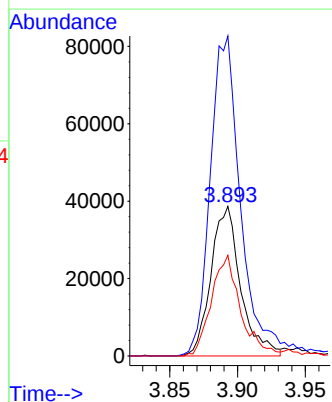
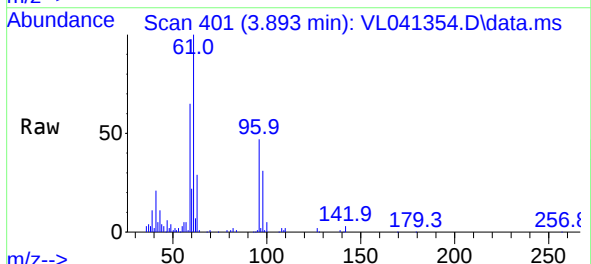
Instrument :
MSVOA_L
ClientSampleId :

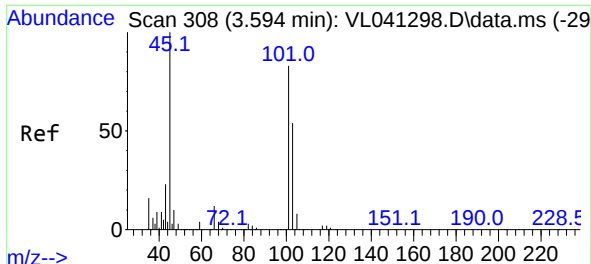
Tgt Ion: 59 Resp: 114480
Ion Ratio Lower Upper
59 100
57 11.4 9.0 13.4



#18
1,1-Dichloroethene
Concen: 1.232 ppbv
RT: 3.893 min Scan# 401
Delta R.T. -0.003 min
Lab File: VL041354.D
Acq: 26 Jun 2024 10:13

Tgt Ion: 96 Resp: 58863
Ion Ratio Lower Upper
96 100
61 213.4 171.8 257.8
98 67.3 53.1 79.7





#19

Isopropyl Alcohol

Concen: 0.523 ppbv

RT: 3.597 min Scan# 308

Delta R.T. 0.003 min

Lab File: VL041354.D

Acq: 26 Jun 2024 10:13

Instrument :

MSVOA_L

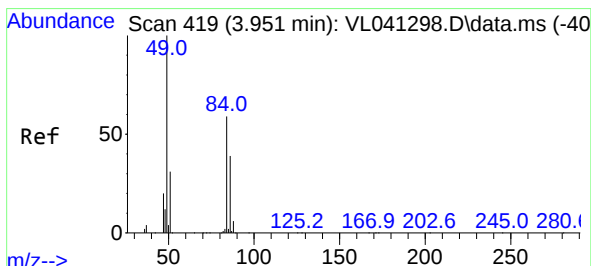
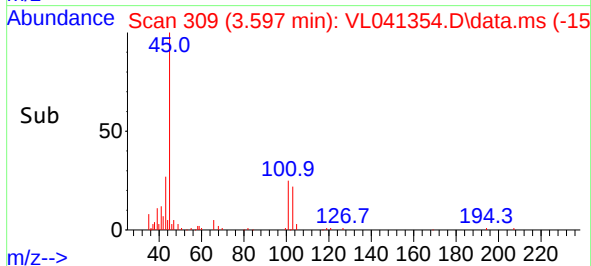
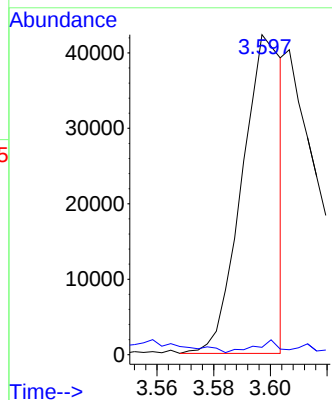
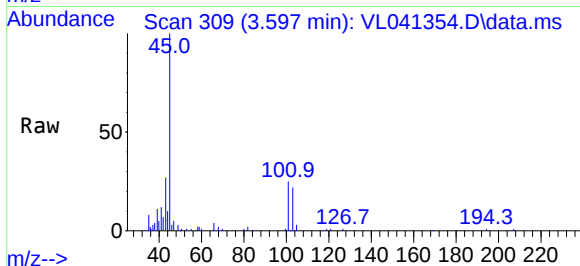
ClientSampleId :

Tgt Ion: 45 Resp: 40530

Ion Ratio Lower Upper

45 100

58 6.1 1.4 2.2#



#20

Methylene Chloride

Concen: 1.333 ppbv

RT: 3.944 min Scan# 417

Delta R.T. -0.006 min

Lab File: VL041354.D

Acq: 26 Jun 2024 10:13

Tgt Ion: 84 Resp: 59733

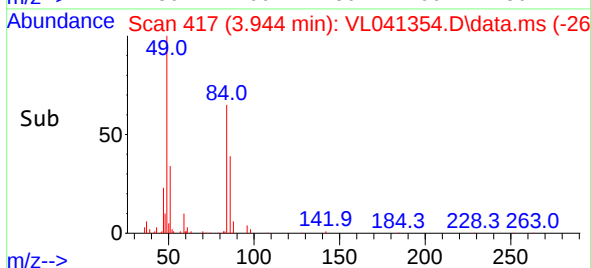
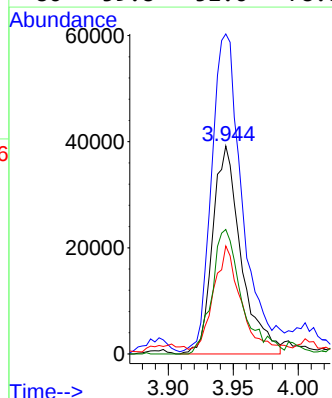
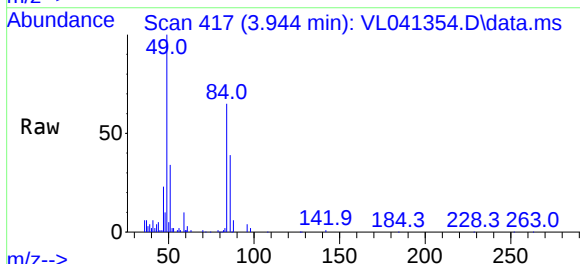
Ion Ratio Lower Upper

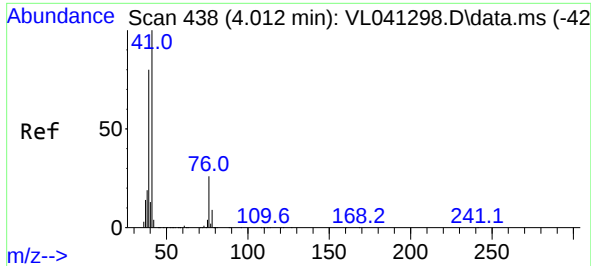
84 100

49 152.7 136.2 204.2

51 48.5 41.9 62.9

86 59.8 52.6 78.8



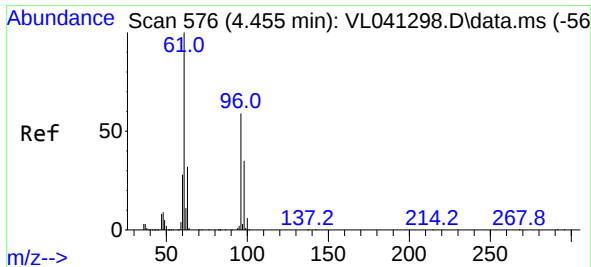
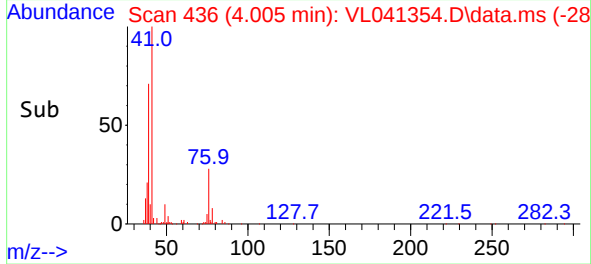
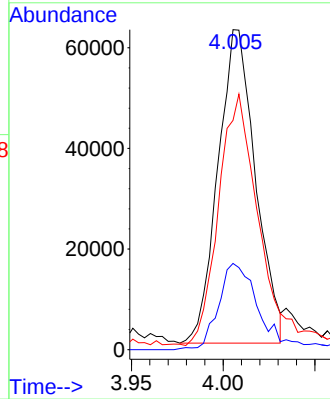
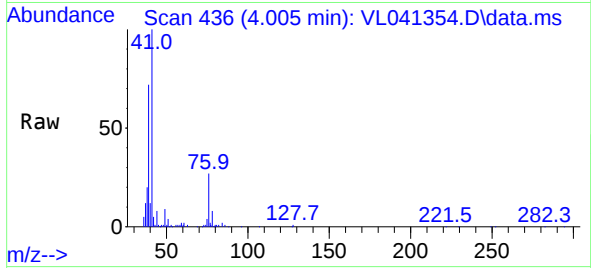


#21
Allyl Chloride
Concen: 1.137 ppbv
RT: 4.005 min Scan# 41
Delta R.T. -0.006 min
Lab File: VL041354.D
Acq: 26 Jun 2024 10:13

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 41 Resp: 88770

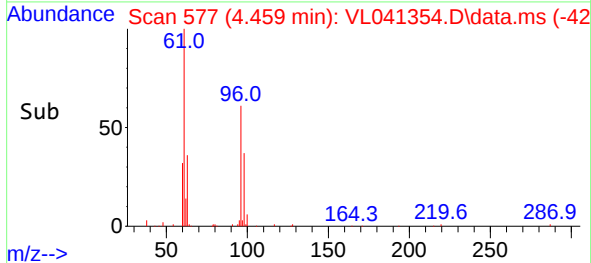
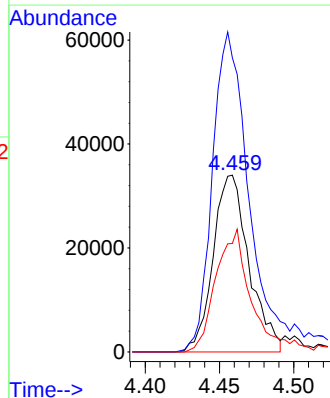
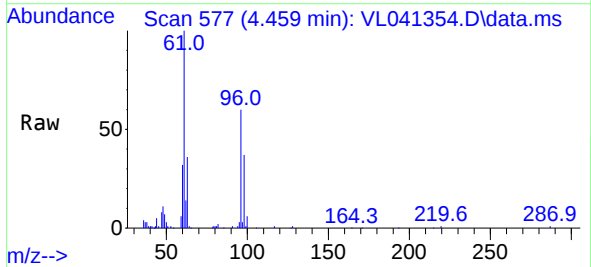
Ion	Ratio	Lower	Upper
41	100		
76	30.6	22.3	33.5
39	90.3	66.3	99.5

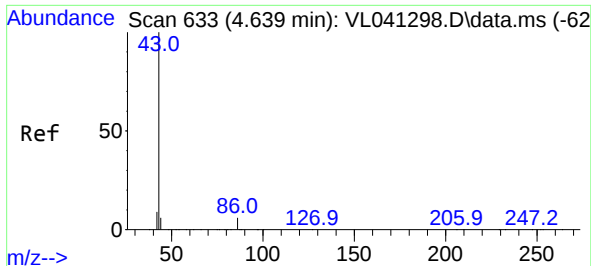


#22
trans-1,2-Dichloroethene
Concen: 1.148 ppbv
RT: 4.459 min Scan# 577
Delta R.T. 0.003 min
Lab File: VL041354.D
Acq: 26 Jun 2024 10:13

Tgt Ion: 96 Resp: 57135

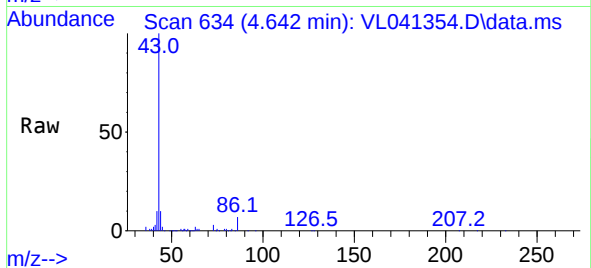
Ion	Ratio	Lower	Upper
96	100		
61	165.8	135.5	203.3
98	61.4	47.6	71.4





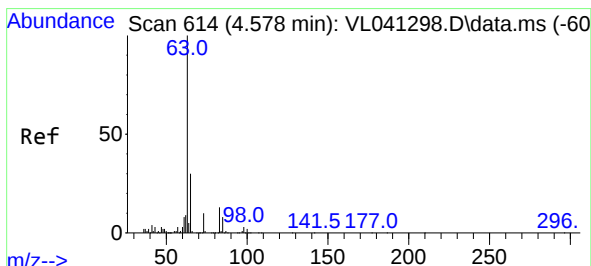
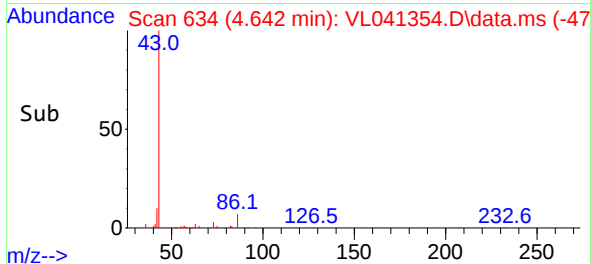
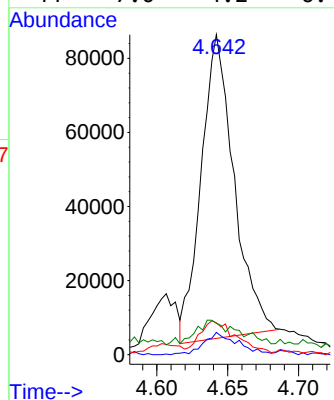
#23
Vinyl Acetate
Concen: 1.048 ppbv
RT: 4.642 min Scan# 613
Delta R.T. 0.003 min
Lab File: VL041354.D
Acq: 26 Jun 2024 10:13

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion: 43 Resp: 132191

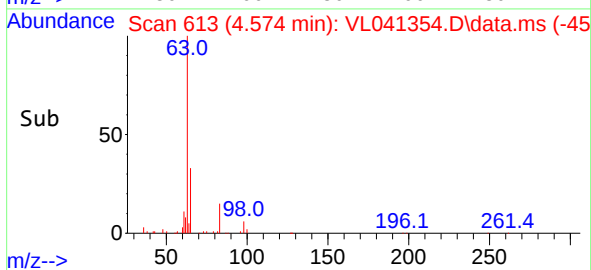
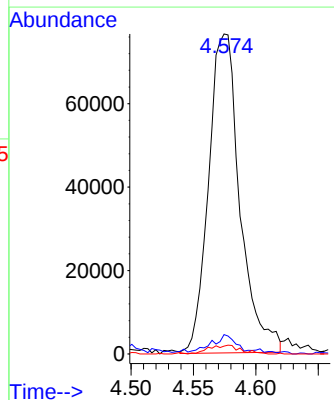
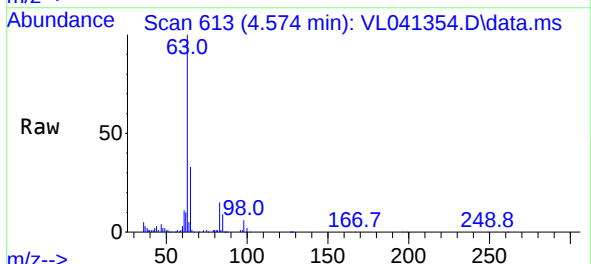
Ion	Ratio	Lower	Upper
43	100		
86	7.1	4.7	7.1
42	9.0	8.0	12.0
44	7.0	4.2	6.4

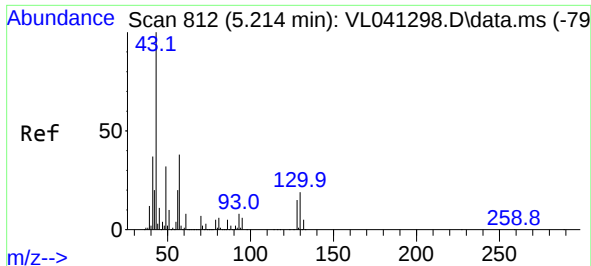


#24
1,1-Dichloroethane
Concen: 1.208 ppbv
RT: 4.574 min Scan# 613
Delta R.T. -0.003 min
Lab File: VL041354.D
Acq: 26 Jun 2024 10:13

Tgt Ion: 63 Resp: 133991

Ion	Ratio	Lower	Upper
63	100		
98	5.5	1.9	5.7
100	2.2	1.1	3.5



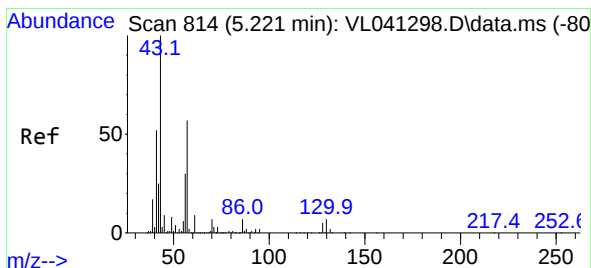
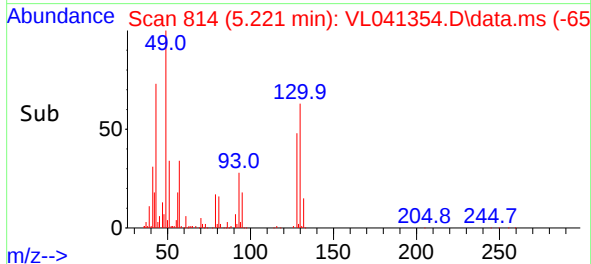
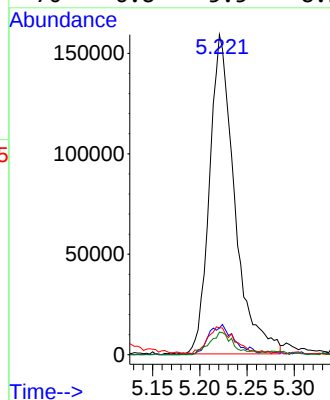
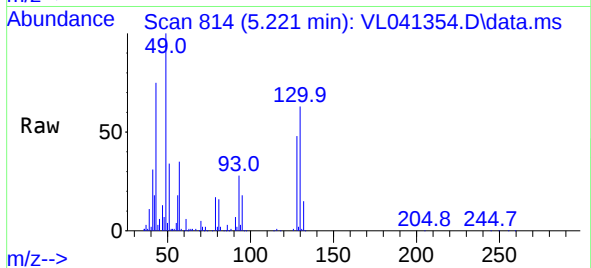


#25
Ethyl Acetate
Concen: 1.203 ppbv
RT: 5.221 min Scan# 812
Delta R.T. 0.006 min
Lab File: VL041354.D
Acq: 26 Jun 2024 10:13

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 293468

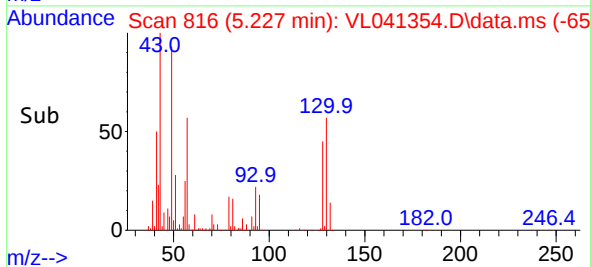
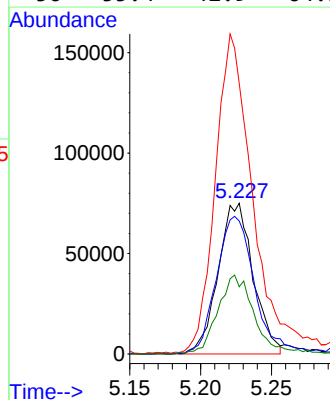
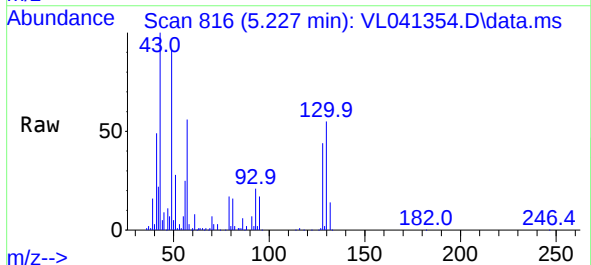
Ion	Ratio	Lower	Upper
43	100		
45	11.0	8.1	12.1
61	9.5	7.4	11.0
70	6.8	5.5	8.3

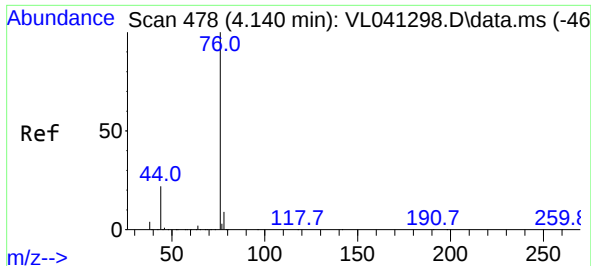


#26
Hexane
Concen: 1.177 ppbv
RT: 5.227 min Scan# 816
Delta R.T. 0.006 min
Lab File: VL041354.D
Acq: 26 Jun 2024 10:13

Tgt Ion: 57 Resp: 129091

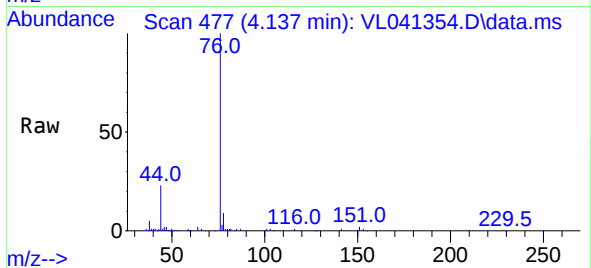
Ion	Ratio	Lower	Upper
57	100		
41	103.2	77.1	115.7
43	233.7	186.1	279.1
56	55.4	42.9	64.3



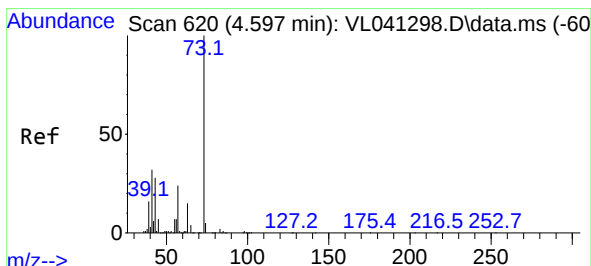
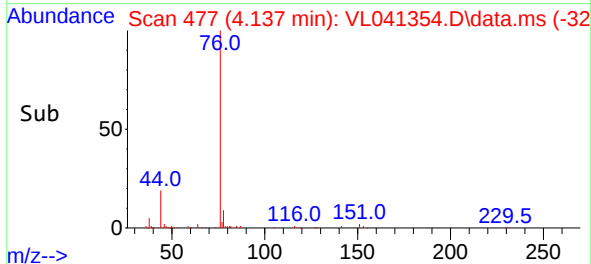
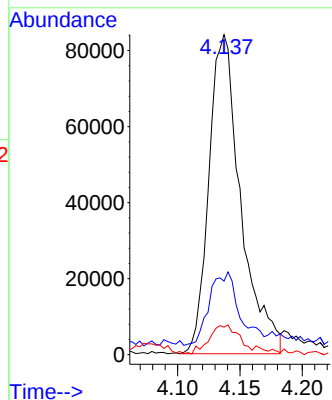


#27
Carbon Disulfide
Concen: 1.228 ppbv
RT: 4.137 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL041354.D
Acq: 26 Jun 2024 10:13

Instrument :
MSVOA_L
ClientSampleId :

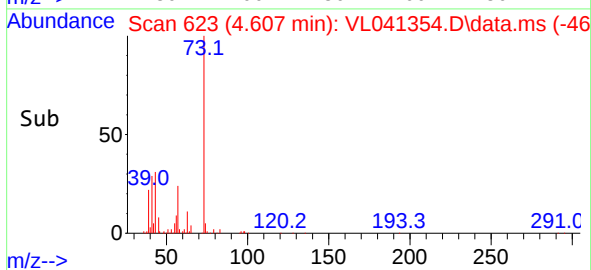
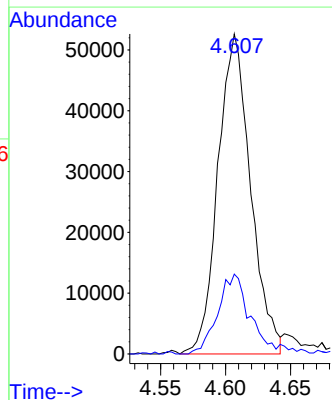
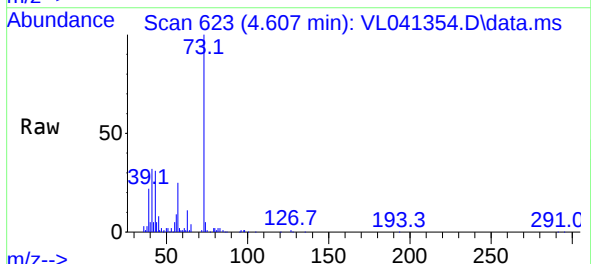


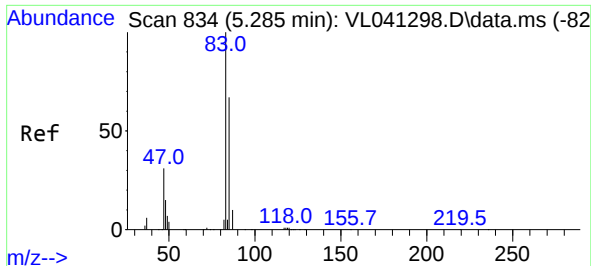
Tgt Ion: 76 Resp: 149130
Ion Ratio Lower Upper
76 100
44 27.3 17.7 26.5#
78 10.8 7.8 11.6



#28
Methyl tert-Butyl Ether
Concen: 1.132 ppbv
RT: 4.607 min Scan# 623
Delta R.T. 0.010 min
Lab File: VL041354.D
Acq: 26 Jun 2024 10:13

Tgt Ion: 73 Resp: 92004
Ion Ratio Lower Upper
73 100
57 25.7 19.2 28.8





#29

Chloroform

Concen: 1.196 ppbv

RT: 5.288 min Scan# 81

Delta R.T. 0.003 min

Lab File: VL041354.D

Acq: 26 Jun 2024 10:13

Instrument :

MSVOA_L

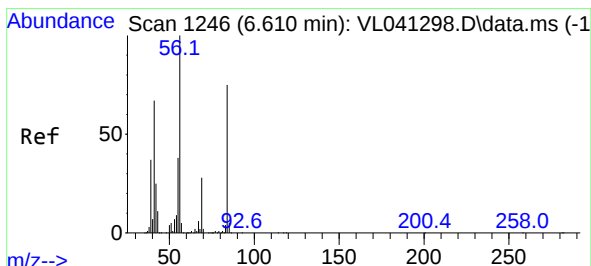
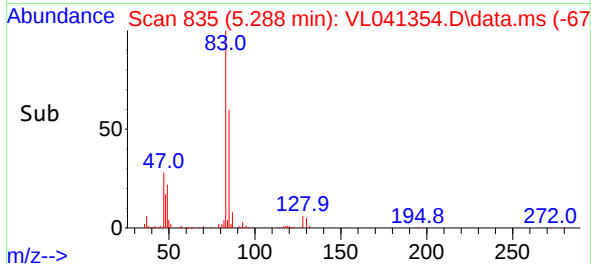
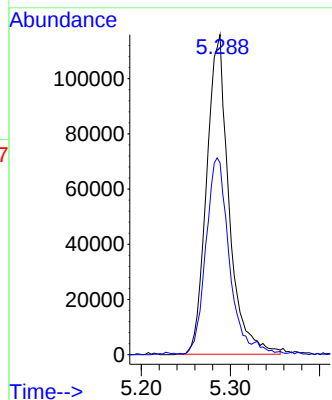
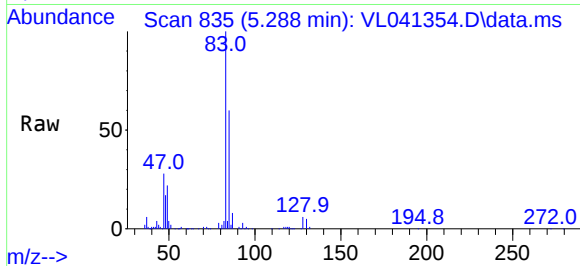
ClientSampleId :

Tgt Ion: 83 Resp: 201295

Ion Ratio Lower Upper

83 100

85 59.7 53.3 79.9



#30

Cyclohexane

Concen: 1.140 ppbv

RT: 6.613 min Scan# 1247

Delta R.T. 0.003 min

Lab File: VL041354.D

Acq: 26 Jun 2024 10:13

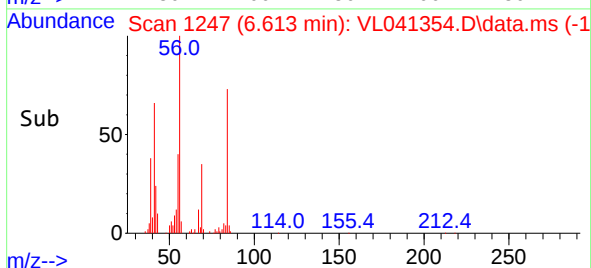
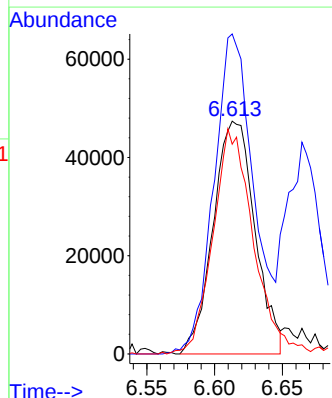
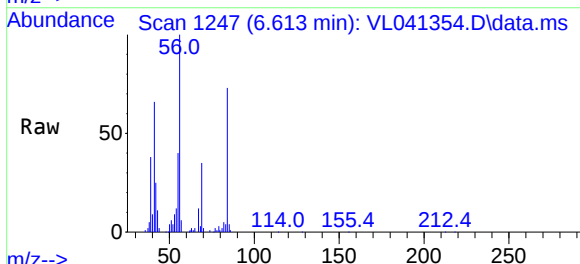
Tgt Ion: 84 Resp: 101332

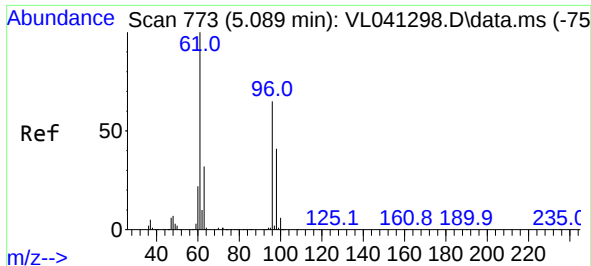
Ion Ratio Lower Upper

84 100

56 125.2 114.9 172.3

41 94.9 74.4 111.6





#31

cis-1,2-Dichloroethene

Concen: 1.168 ppbv

RT: 5.092 min Scan# 71

Delta R.T. 0.003 min

Lab File: VL041354.D

Acq: 26 Jun 2024 10:13

Instrument :

MSVOA_L

ClientSampleId :

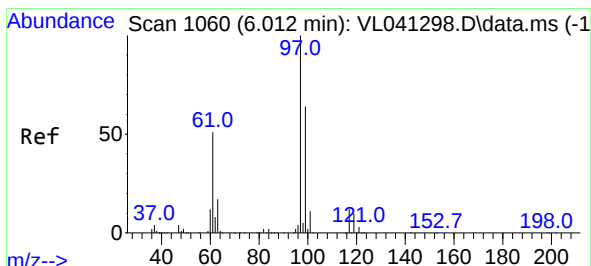
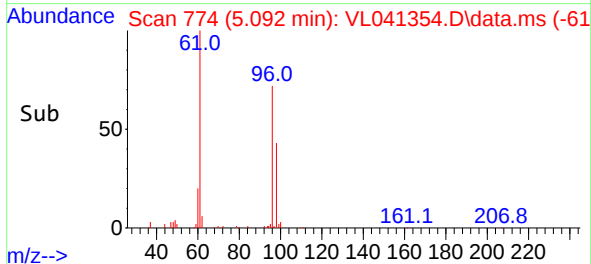
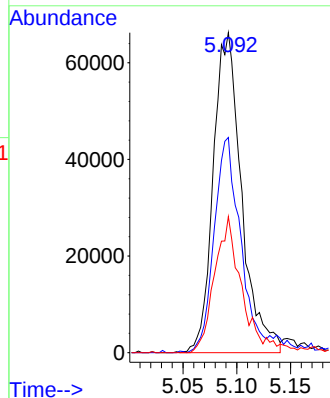
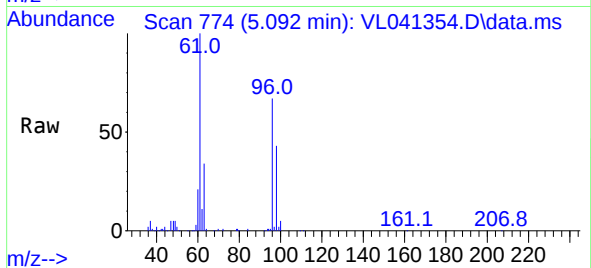
Tgt Ion: 61 Resp: 121085

Ion Ratio Lower Upper

61 100

96 66.7 52.1 78.1

98 42.5 33.1 49.7



#32

1,1,1-Trichloroethane

Concen: 1.189 ppbv

RT: 6.015 min Scan# 1061

Delta R.T. 0.003 min

Lab File: VL041354.D

Acq: 26 Jun 2024 10:13

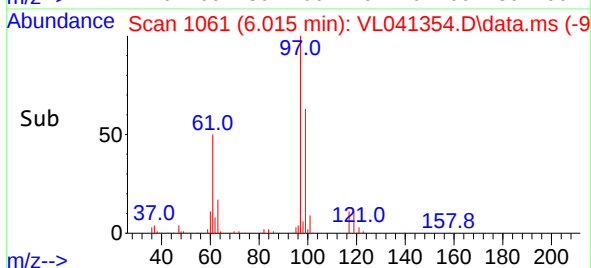
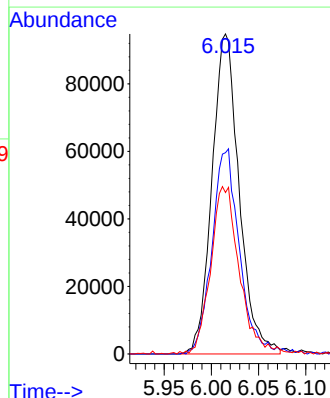
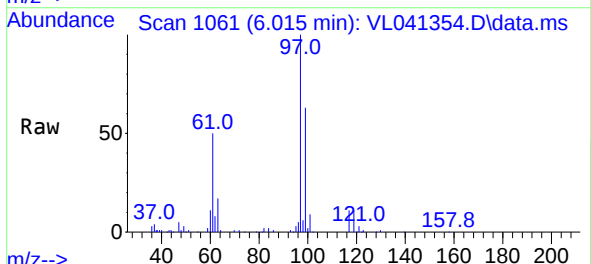
Tgt Ion: 97 Resp: 189501

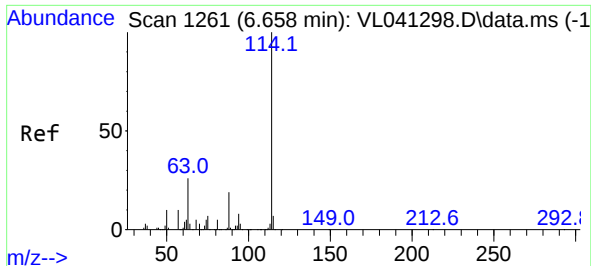
Ion Ratio Lower Upper

97 100

99 65.4 51.9 77.9

61 55.7 42.9 64.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.664 min Scan# 11

Delta R.T. 0.006 min

Lab File: VL041354.D

Acq: 26 Jun 2024 10:13

Instrument :

MSVOA_L

ClientSampleId :

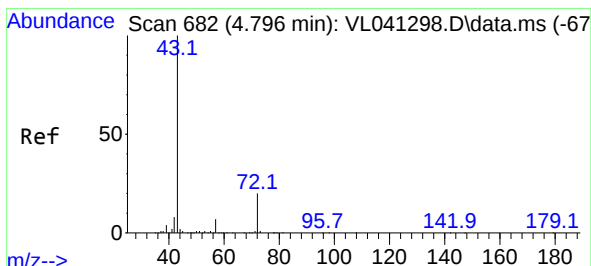
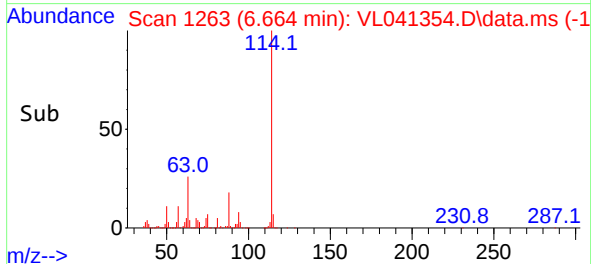
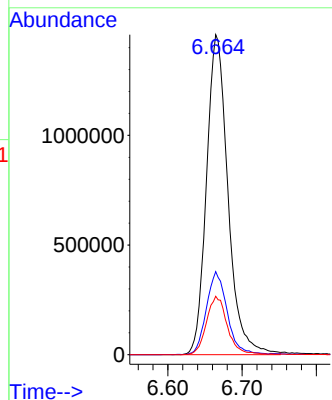
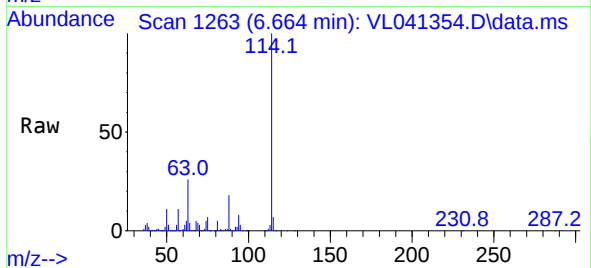
Tgt Ion:114 Resp: 2931450

Ion Ratio Lower Upper

114 100

63 25.5 20.6 30.8

88 17.9 14.5 21.7



#34

2-Butanone

Concen: 1.204 ppbv

RT: 4.806 min Scan# 685

Delta R.T. 0.010 min

Lab File: VL041354.D

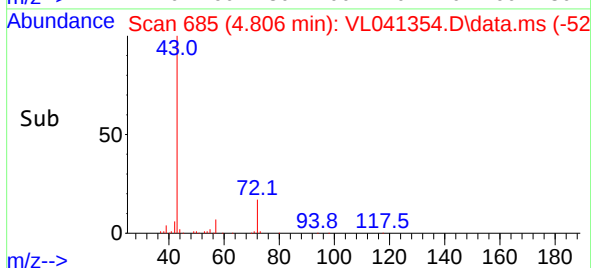
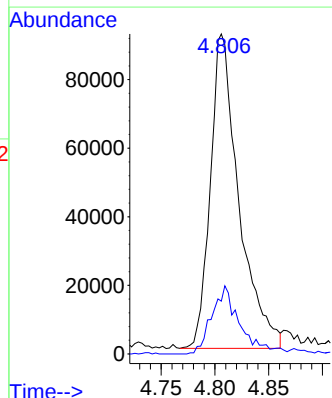
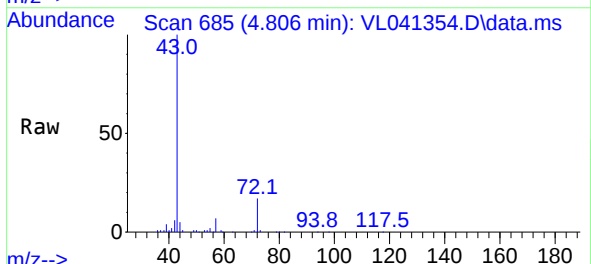
Acq: 26 Jun 2024 10:13

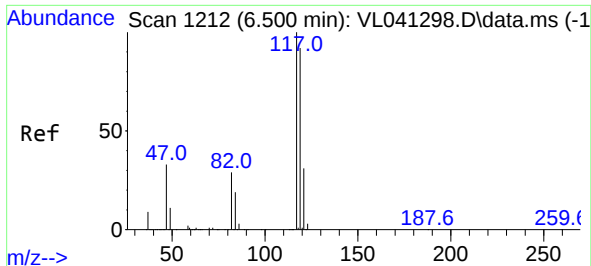
Tgt Ion: 43 Resp: 169152

Ion Ratio Lower Upper

43 100

72 22.6 17.4 26.0

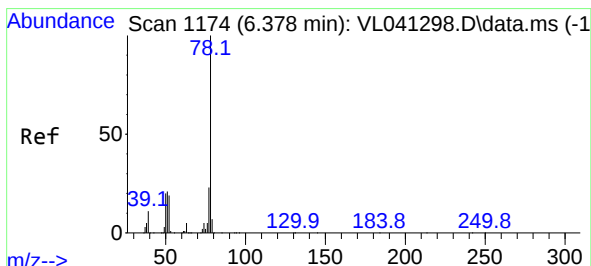
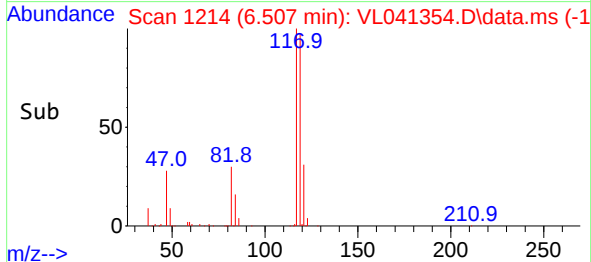
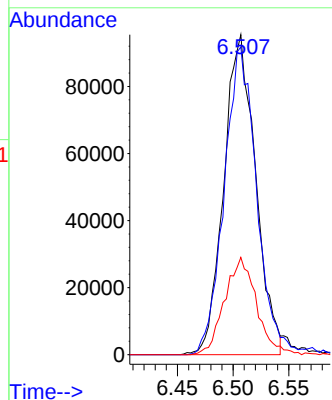
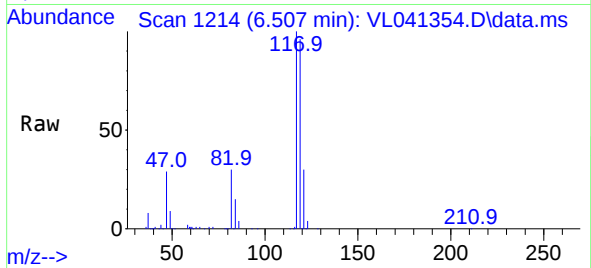




#35
Carbon Tetrachloride
Concen: 1.137 ppbv
RT: 6.507 min Scan# 1175
Delta R.T. 0.006 min
Lab File: VL041354.D
Acq: 26 Jun 2024 10:13

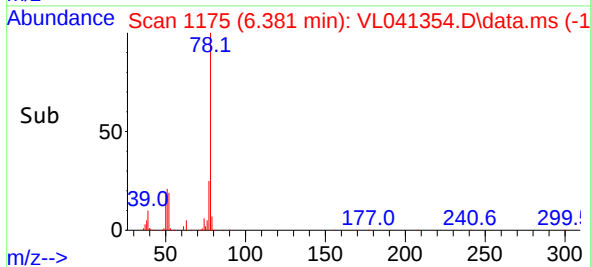
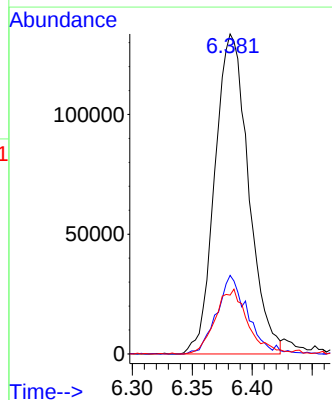
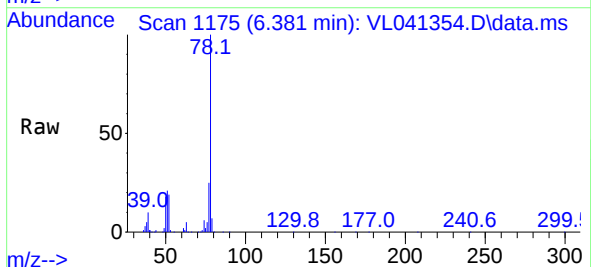
Instrument :
MSVOA_L
ClientSampleId :

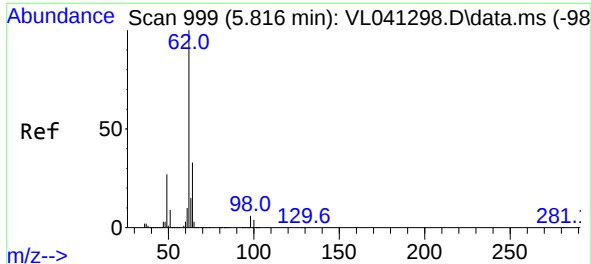
Tgt Ion:117 Resp: 189395
Ion Ratio Lower Upper
117 100
119 96.2 74.0 111.0
121 30.4 24.8 37.2



#36
Benzene
Concen: 1.147 ppbv
RT: 6.381 min Scan# 1175
Delta R.T. 0.003 min
Lab File: VL041354.D
Acq: 26 Jun 2024 10:13

Tgt Ion: 78 Resp: 260568
Ion Ratio Lower Upper
78 100
77 24.6 18.6 28.0
50 18.4 16.0 24.0

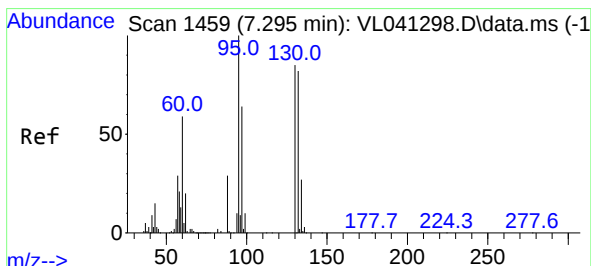
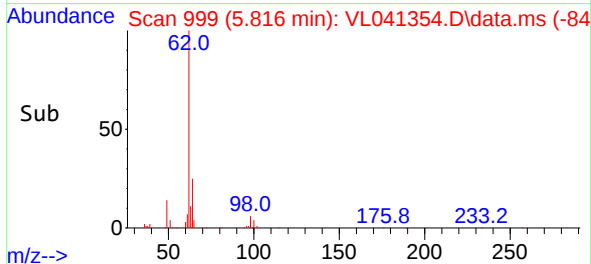
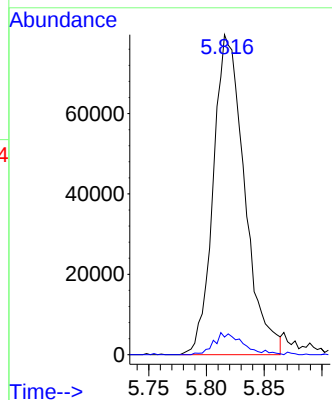
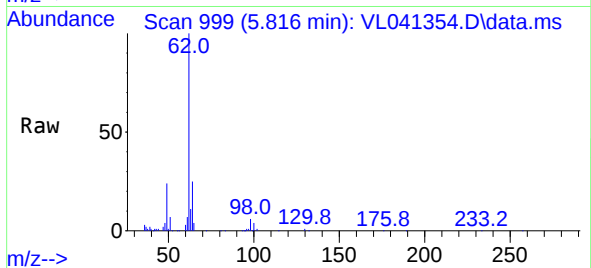




#37
1,2-Dichloroethane
Concen: 1.133 ppbv
RT: 5.816 min Scan# 999
Delta R.T. 0.000 min
Lab File: VL041354.D
Acq: 26 Jun 2024 10:13

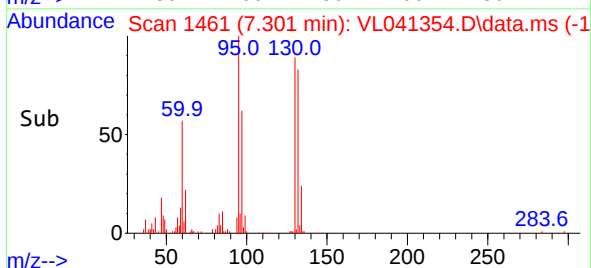
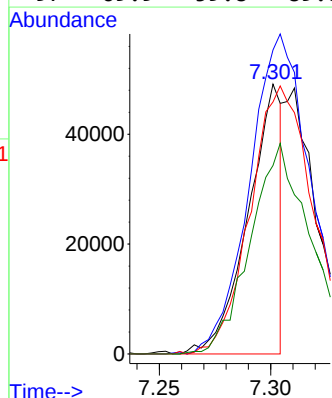
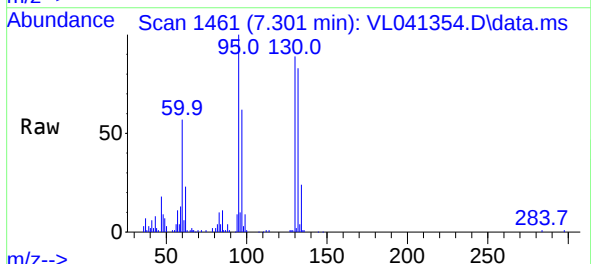
Instrument :
MSVOA_L
ClientSampleId :

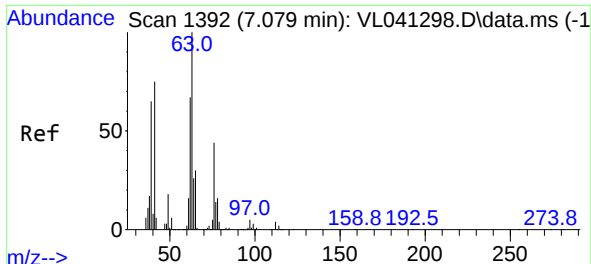
Tgt Ion: 62 Resp: 150065
Ion Ratio Lower Upper
62 100
98 6.5 4.8 7.2



#38
Trichloroethene
Concen: 0.557 ppbv
RT: 7.301 min Scan# 1461
Delta R.T. 0.006 min
Lab File: VL041354.D
Acq: 26 Jun 2024 10:13

Tgt Ion: 130 Resp: 51271
Ion Ratio Lower Upper
130 100
95 112.0 94.0 141.0
132 92.4 76.7 115.1
97 69.9 59.8 89.8





#39

1,2-Dichloropropane

Concen: 1.088 ppbv

RT: 7.086 min Scan# 11

Delta R.T. 0.006 min

Lab File: VL041354.D

Acq: 26 Jun 2024 10:13

Instrument :

MSVOA_L

ClientSampleId :

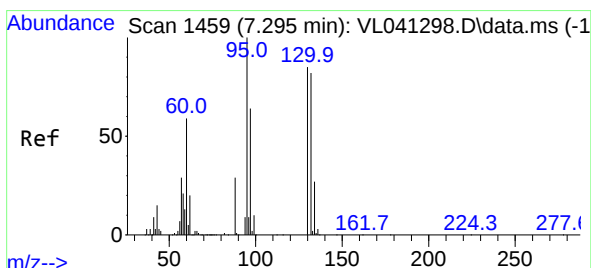
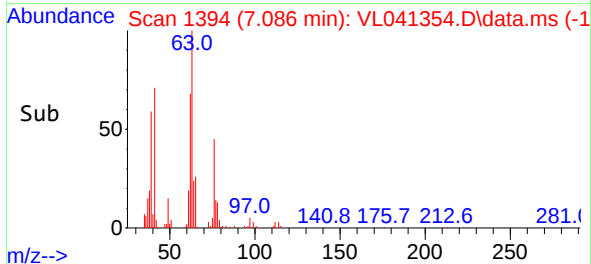
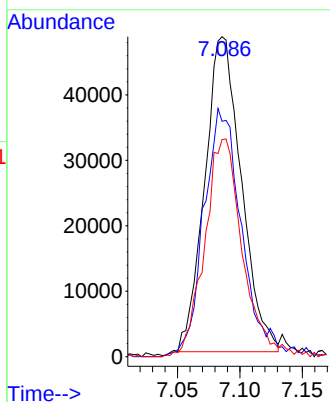
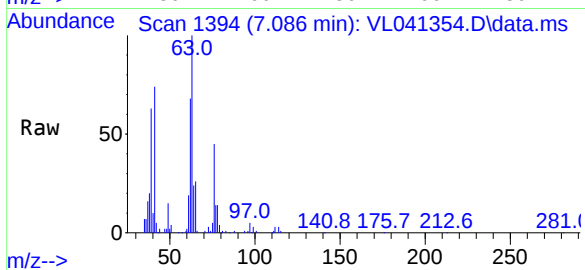
Tgt Ion: 63 Resp: 98476

Ion Ratio Lower Upper

63 100

41 73.9 59.9 89.9

62 67.4 53.8 80.6



#40

1,4-Dioxane

Concen: 0.345 ppbv

RT: 7.317 min Scan# 1466

Delta R.T. 0.022 min

Lab File: VL041354.D

Acq: 26 Jun 2024 10:13

Tgt Ion: 88 Resp: 11445

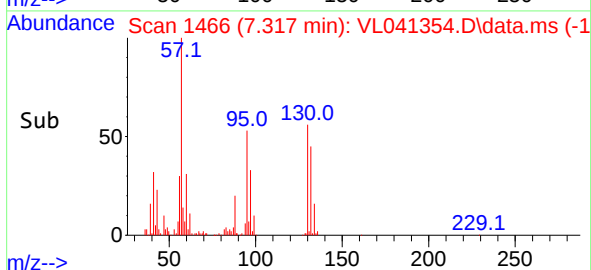
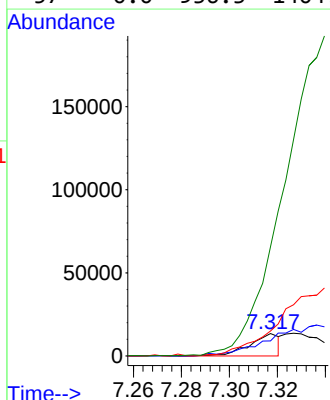
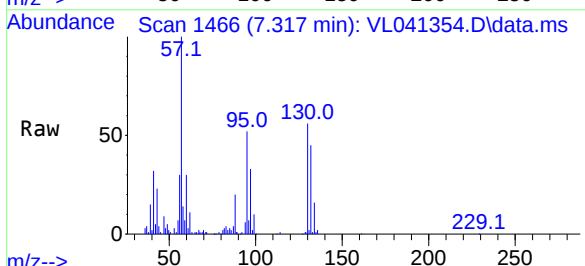
Ion Ratio Lower Upper

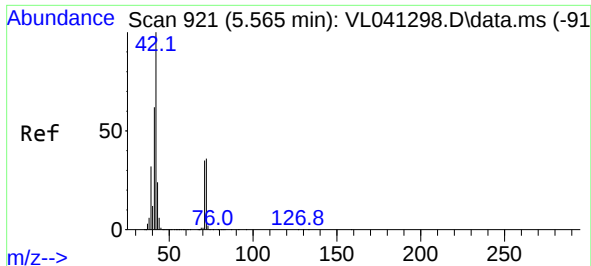
88 100

58 0.0 107.5 161.3#

43 0.0 221.8 332.6#

57 0.0 936.3 1404.5#





#41

Tetrahydrofuran

Concen: 1.056 ppbv

RT: 5.584 min Scan# 91

Delta R.T. 0.019 min

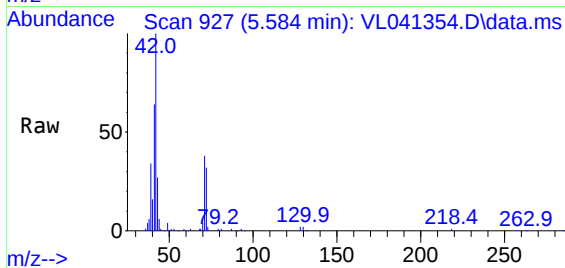
Lab File: VL041354.D

Acq: 26 Jun 2024 10:13

Instrument :

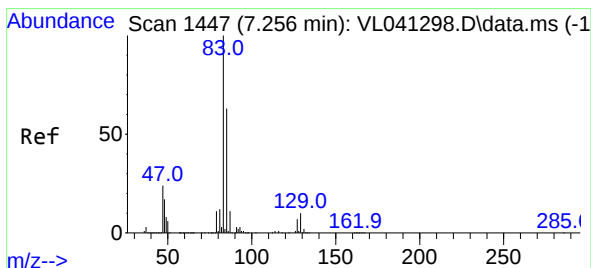
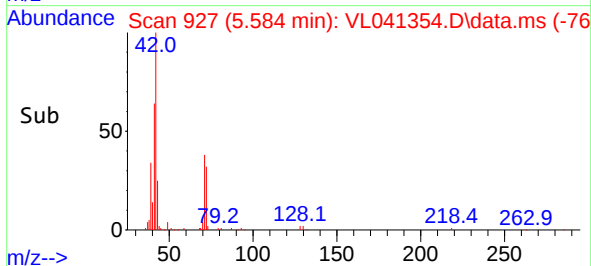
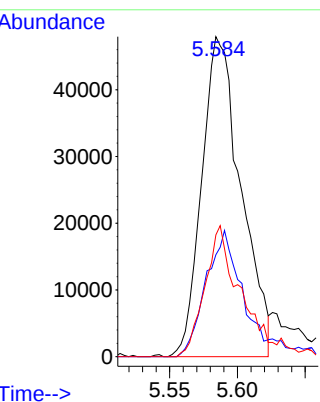
MSVOA_L

ClientSampleId :



Tgt Ion: 42 Resp: 96506

Ion	Ratio	Lower	Upper
42	100		
72	39.3	30.2	45.4
71	39.6	30.3	45.5



#42

Bromodichloromethane

Concen: 1.082 ppbv

RT: 7.259 min Scan# 1448

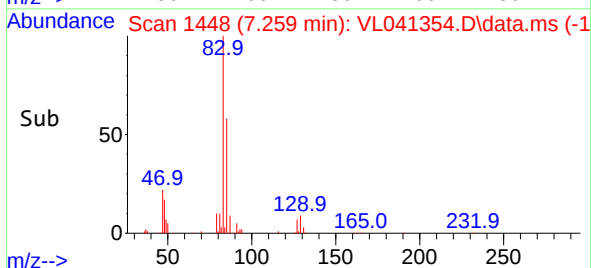
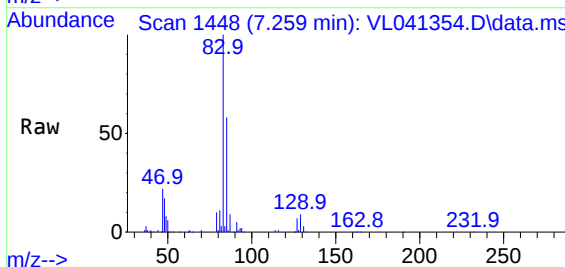
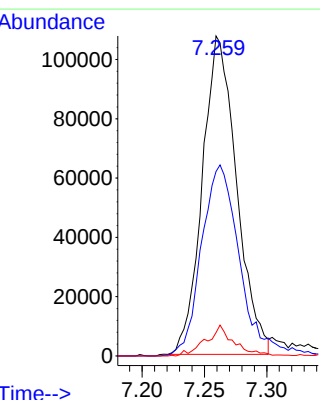
Delta R.T. 0.003 min

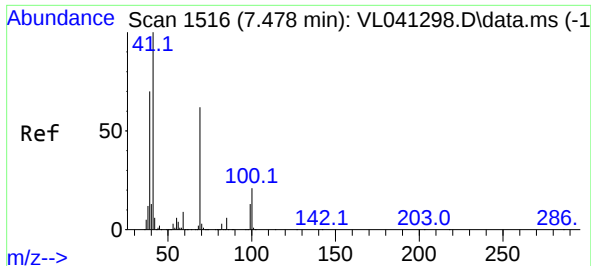
Lab File: VL041354.D

Acq: 26 Jun 2024 10:13

Tgt Ion: 83 Resp: 205863

Ion	Ratio	Lower	Upper
83	100		
85	57.7	50.6	75.8
127	7.4	5.6	8.4

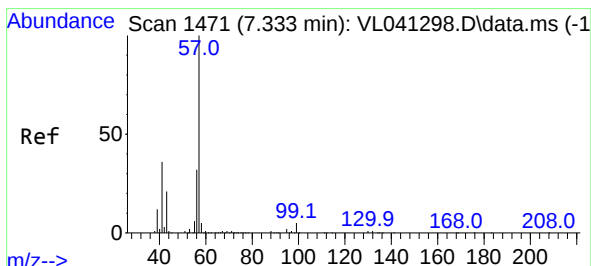
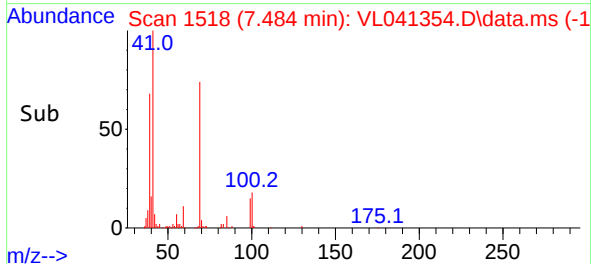
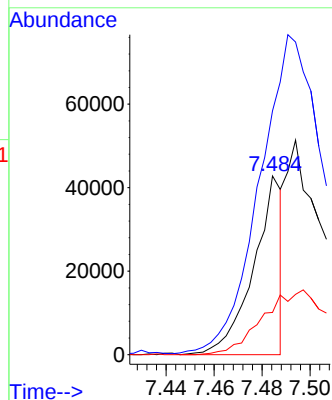
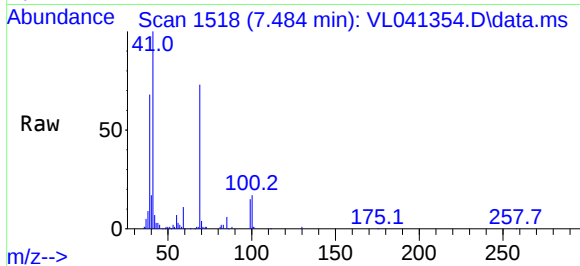




#43
Methyl Methacrylate
Concen: 0.408 ppbv
RT: 7.484 min Scan# 11
Delta R.T. 0.006 min
Lab File: VL041354.D
Acq: 26 Jun 2024 10:13

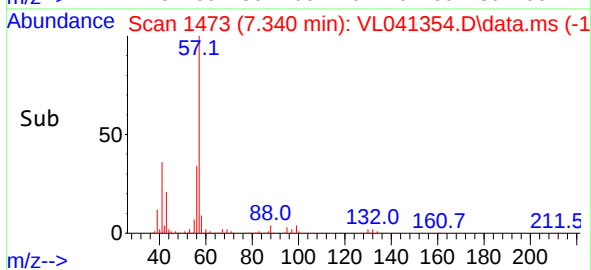
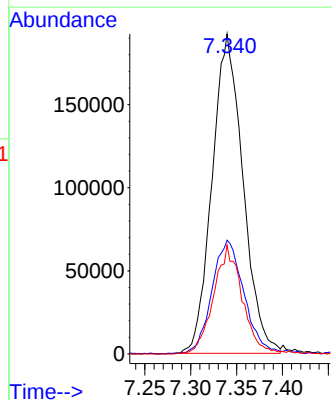
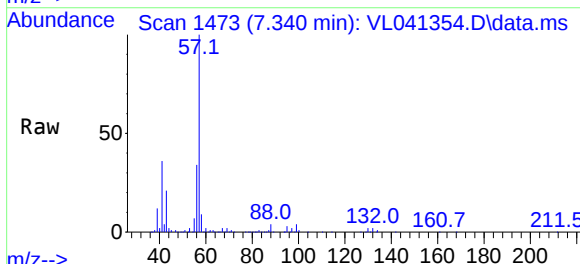
Instrument :
MSVOA_L
ClientSampleId :

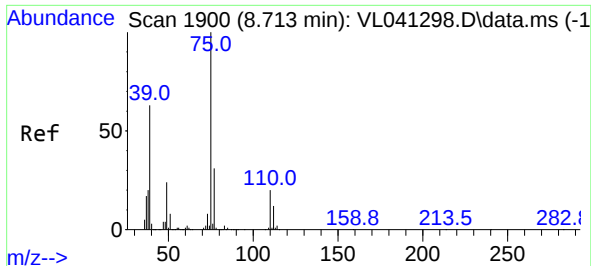
Tgt Ion: 69 Resp: 35348
Ion Ratio Lower Upper
69 100
41 0.0 125.8 188.6#
100 0.0 27.0 40.6#



#44
2,2,4-Trimethylpentane
Concen: 1.150 ppbv
RT: 7.340 min Scan# 1473
Delta R.T. 0.006 min
Lab File: VL041354.D
Acq: 26 Jun 2024 10:13

Tgt Ion: 57 Resp: 449456
Ion Ratio Lower Upper
57 100
41 37.6 29.4 44.2
56 31.8 25.0 37.4





#45

t-1,3-Dichloropropene

Concen: 0.444 ppbv

RT: 8.722 min Scan# 1900

Delta R.T. 0.010 min

Lab File: VL041354.D

Acq: 26 Jun 2024 10:13

Instrument :

MSVOA_L

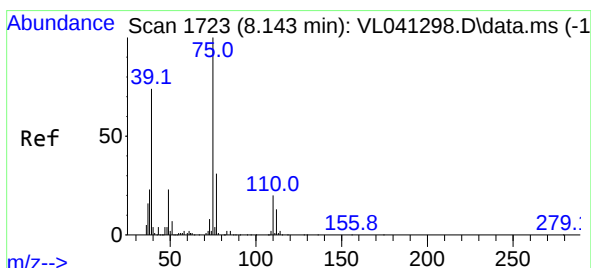
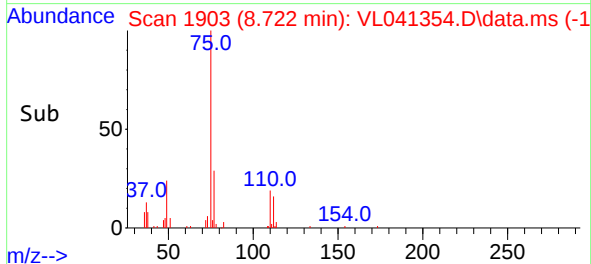
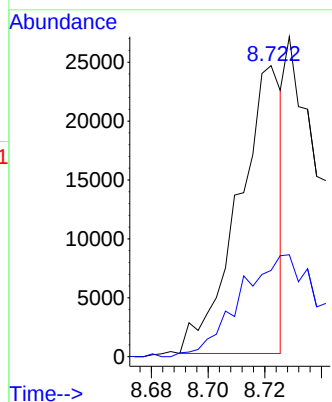
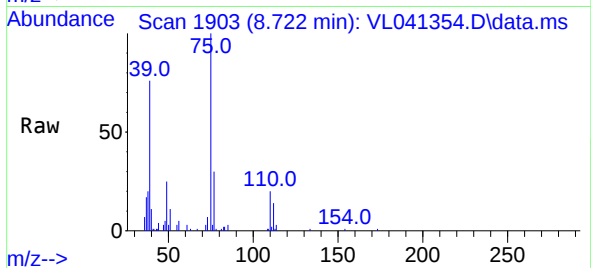
ClientSampleId :

Tgt Ion: 75 Resp: 25941

Ion Ratio Lower Upper

75 100

77 29.7 24.7 37.1



#46

cis-1,3-Dichloropropene

Concen: 1.031 ppbv

RT: 8.160 min Scan# 1728

Delta R.T. 0.016 min

Lab File: VL041354.D

Acq: 26 Jun 2024 10:13

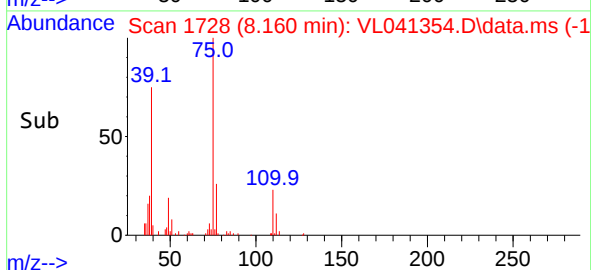
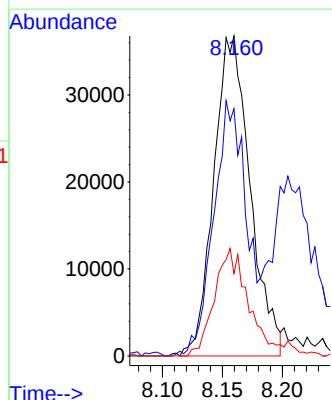
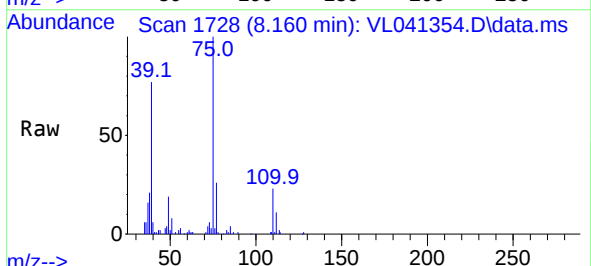
Tgt Ion: 75 Resp: 77498

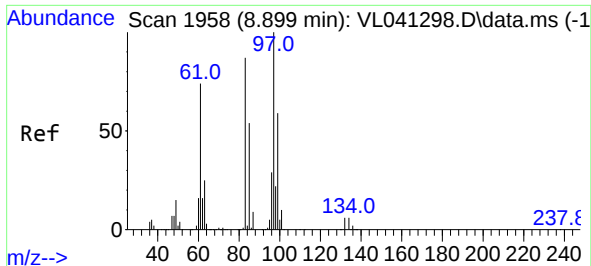
Ion Ratio Lower Upper

75 100

39 75.8 59.2 88.8

77 25.8 25.0 37.6

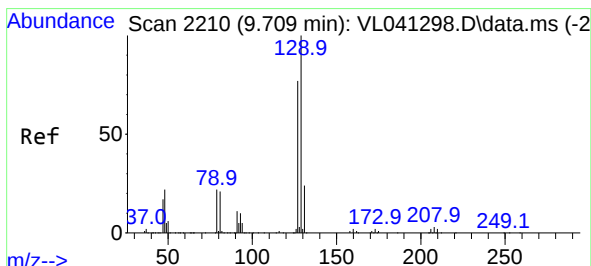
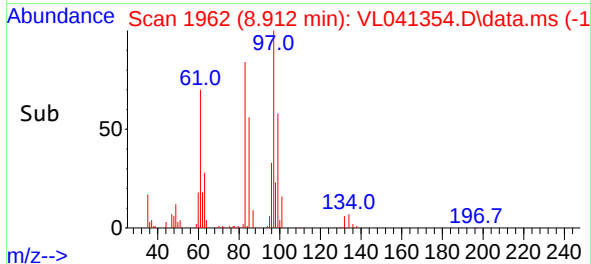
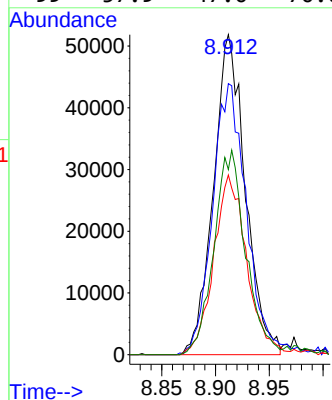
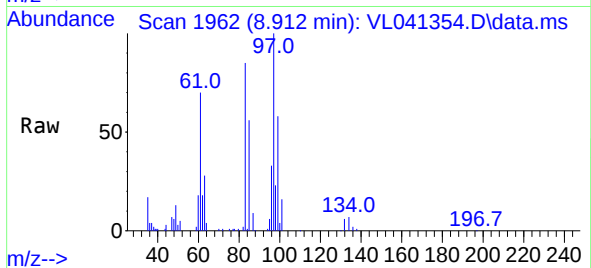




#47
1,1,2-Trichloroethane
Concen: 1.131 ppbv
RT: 8.912 min Scan# 1958
Delta R.T. 0.013 min
Lab File: VL041354.D
Acq: 26 Jun 2024 10:13

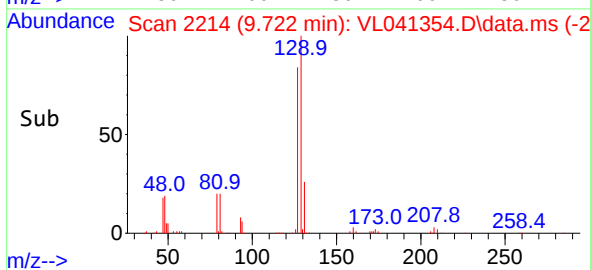
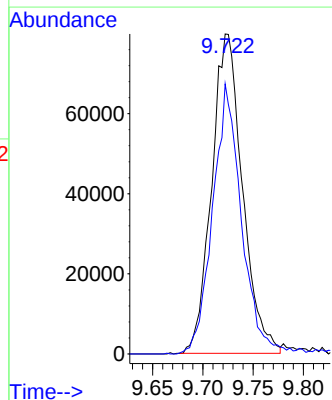
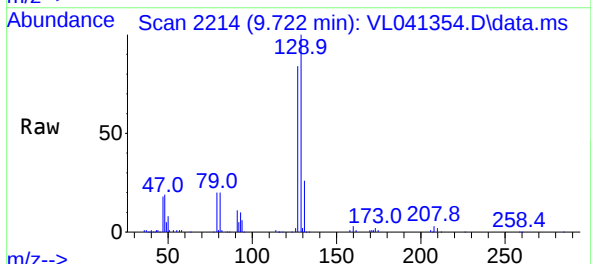
Instrument :
MSVOA_L
ClientSampleId :

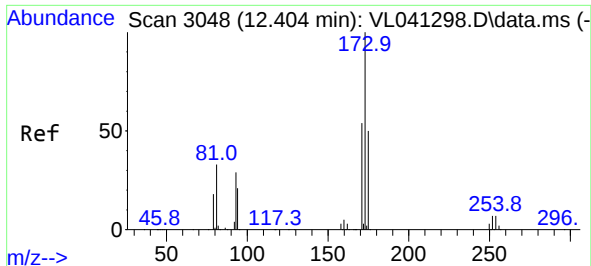
Tgt Ion: 97 Resp: 106962
Ion Ratio Lower Upper
97 100
83 84.1 69.7 104.5
85 56.2 43.1 64.7
99 57.9 47.0 70.6



#48
Dibromochloromethane
Concen: 1.090 ppbv
RT: 9.722 min Scan# 2214
Delta R.T. 0.013 min
Lab File: VL041354.D
Acq: 26 Jun 2024 10:13

Tgt Ion: 129 Resp: 169856
Ion Ratio Lower Upper
129 100
127 80.6 39.1 117.5

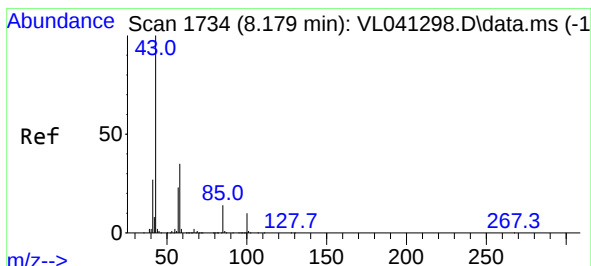
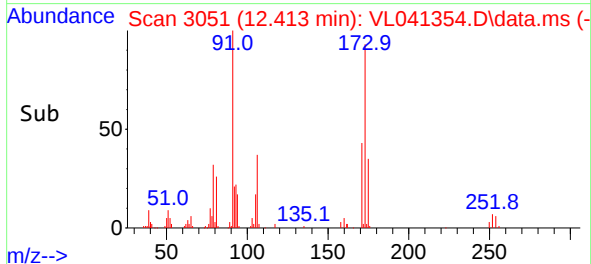
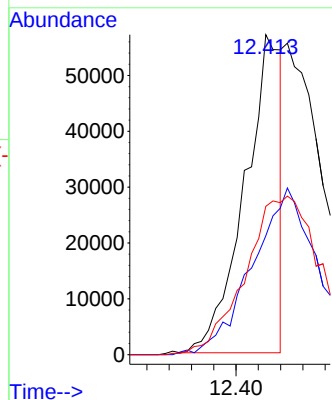
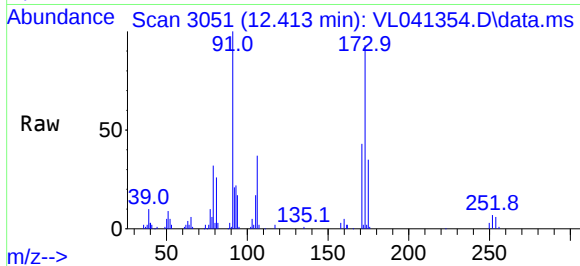




#49
Bromoform
Concen: 0.515 ppbv
RT: 12.413 min Scan# 3048
Delta R.T. 0.010 min
Lab File: VL041354.D
Acq: 26 Jun 2024 10:13

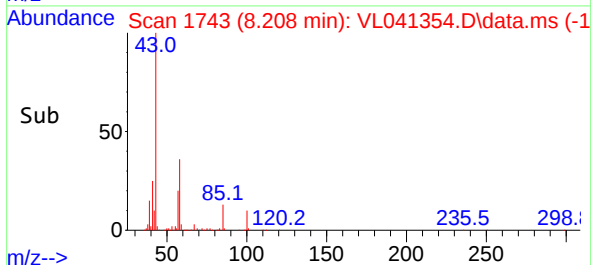
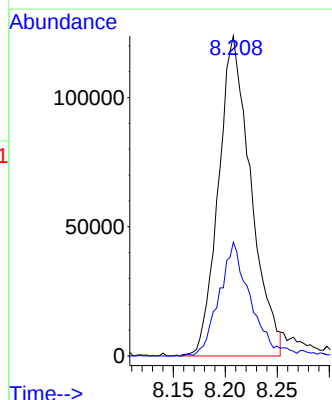
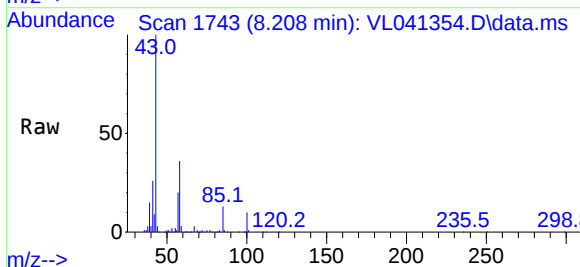
Instrument :
MSVOA_L
ClientSampleId :

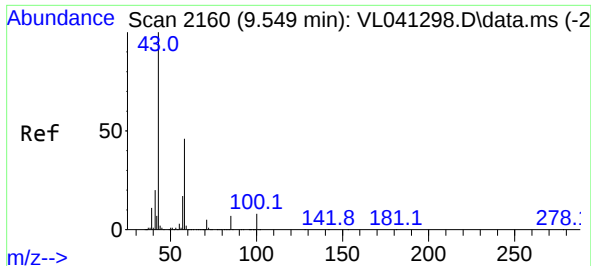
Tgt Ion:173 Resp: 64628
Ion Ratio Lower Upper
173 100
175 0.0 39.9 59.9#
171 0.0 42.6 63.8#



#50
4-Methyl-2-Pentanone
Concen: 1.154 ppbv
RT: 8.208 min Scan# 1743
Delta R.T. 0.029 min
Lab File: VL041354.D
Acq: 26 Jun 2024 10:13

Tgt Ion: 43 Resp: 268205
Ion Ratio Lower Upper
43 100
58 35.8 27.7 41.5

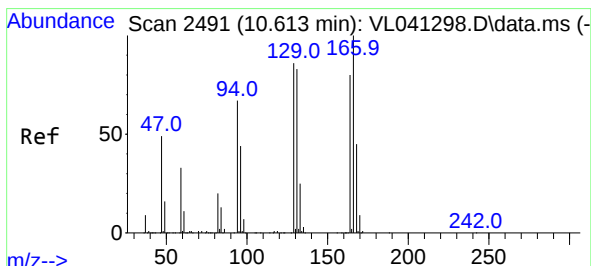
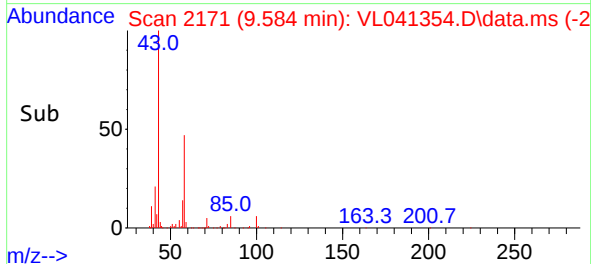
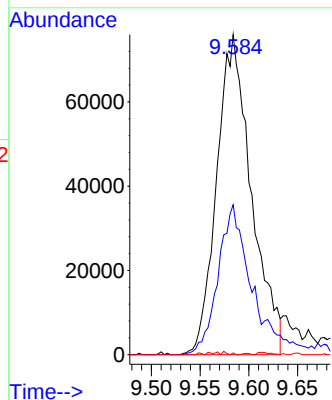
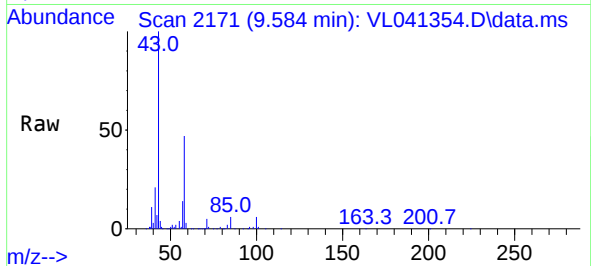




#51
2-Hexanone
Concen: 1.138 ppbv
RT: 9.584 min Scan# 2160
Delta R.T. 0.035 min
Lab File: VL041354.D
Acq: 26 Jun 2024 10:13

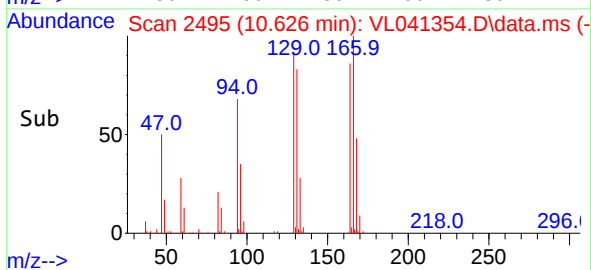
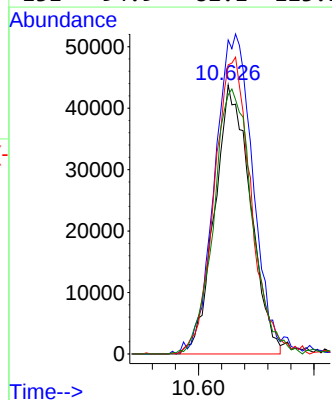
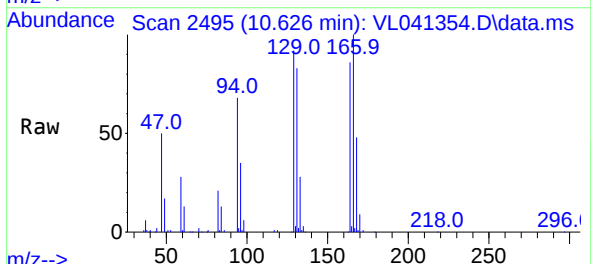
Instrument :
MSVOA_L
ClientSampleId :

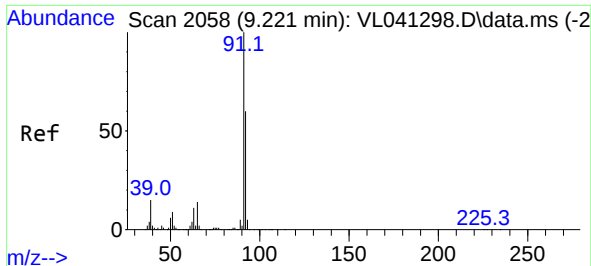
Tgt Ion: 43 Resp: 187959
Ion Ratio Lower Upper
43 100
58 47.9 37.4 56.0
98 0.4 0.2 0.4#



#52
Tetrachloroethene
Concen: 1.132 ppbv
RT: 10.626 min Scan# 2495
Delta R.T. 0.013 min
Lab File: VL041354.D
Acq: 26 Jun 2024 10:13

Tgt Ion:164 Resp: 93787
Ion Ratio Lower Upper
164 100
166 115.9 99.4 149.0
129 106.9 85.4 128.2
131 94.9 82.1 123.1

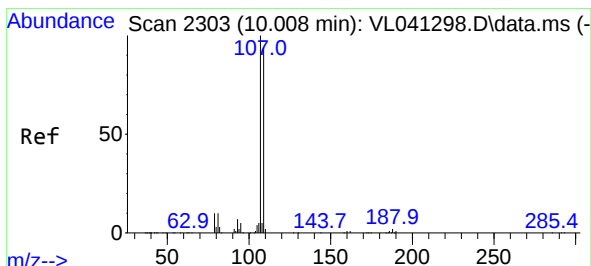
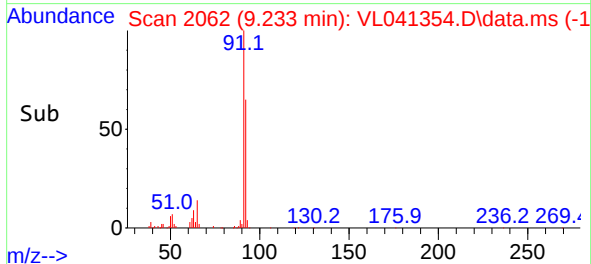
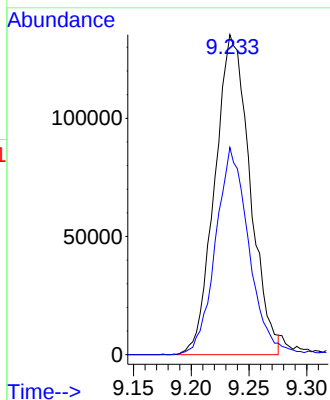
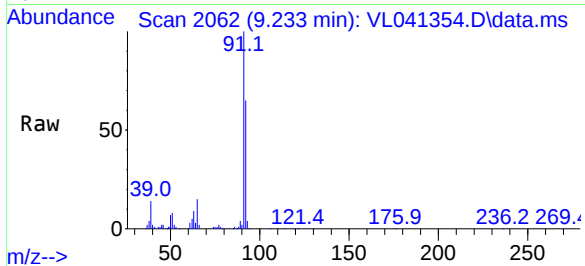




#53
Toluene
Concen: 1.096 ppbv
RT: 9.233 min Scan# 2058
Delta R.T. 0.013 min
Lab File: VL041354.D
Acq: 26 Jun 2024 10:13

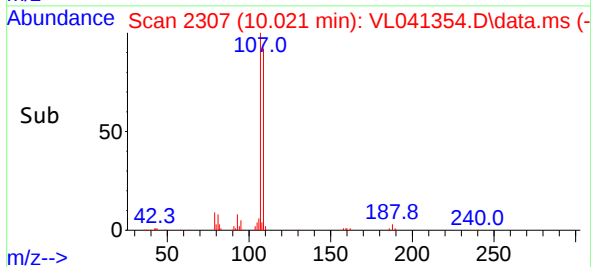
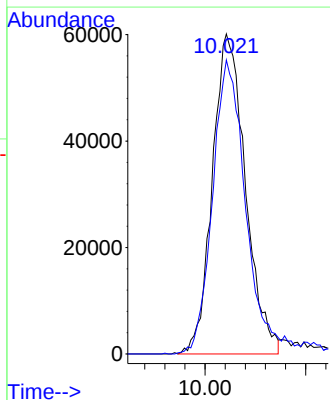
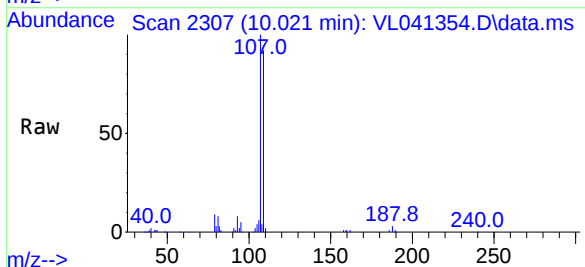
Instrument :
MSVOA_L
ClientSampleId :

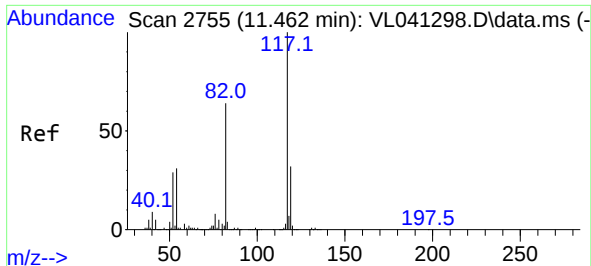
Tgt Ion: 91 Resp: 286524
Ion Ratio Lower Upper
91 100
92 62.5 49.2 73.8



#54
1,2-Dibromoethane
Concen: 1.110 ppbv
RT: 10.021 min Scan# 2307
Delta R.T. 0.013 min
Lab File: VL041354.D
Acq: 26 Jun 2024 10:13

Tgt Ion: 107 Resp: 136878
Ion Ratio Lower Upper
107 100
109 91.8 75.0 112.6

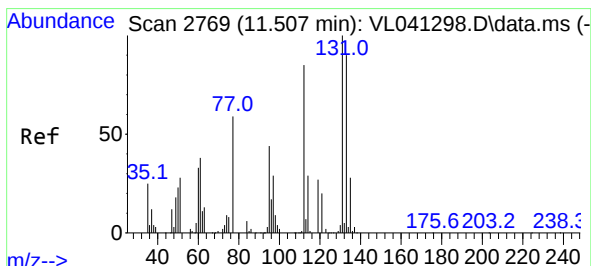
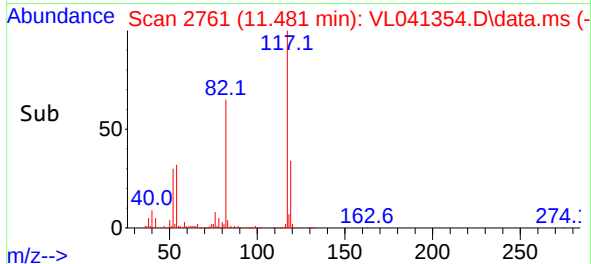
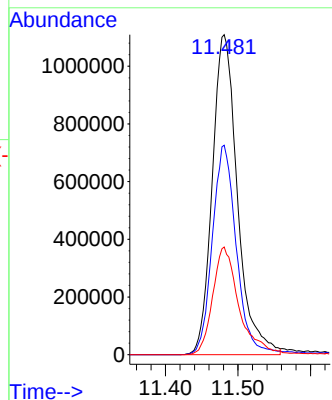
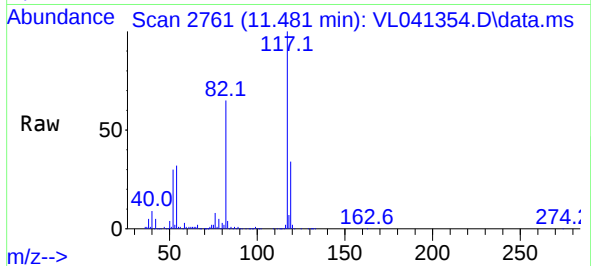




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.481 min Scan# 21
Delta R.T. 0.019 min
Lab File: VL041354.D
Acq: 26 Jun 2024 10:13

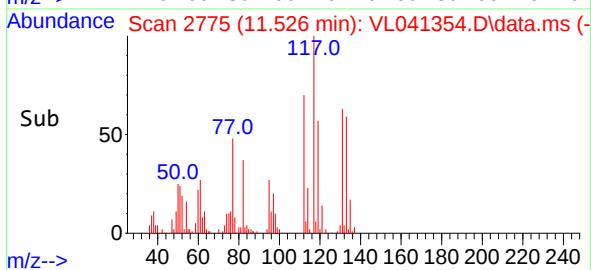
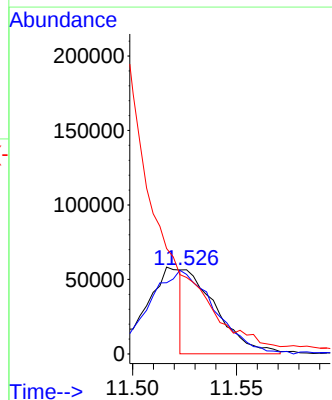
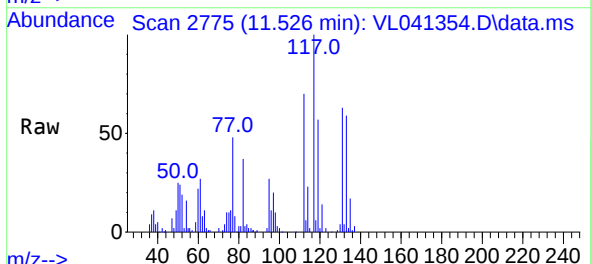
Instrument :
MSVOA_L
ClientSampleId :

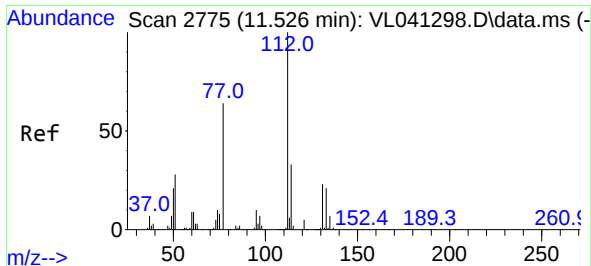
Tgt Ion:117 Resp: 2677200
Ion Ratio Lower Upper
117 100
82 63.7 52.3 78.5
119 35.6 26.2 39.2



#56
1,1,1,2-Tetrachloroethane
Concen: 0.554 ppbv
RT: 11.526 min Scan# 2775
Delta R.T. 0.019 min
Lab File: VL041354.D
Acq: 26 Jun 2024 10:13

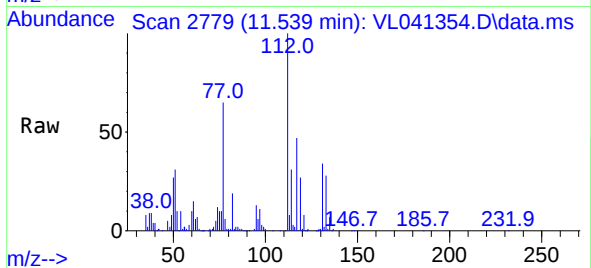
Tgt Ion:131 Resp: 62753
Ion Ratio Lower Upper
131 100
133 204.2 75.8 113.6#
119 0.0 48.3 72.5#



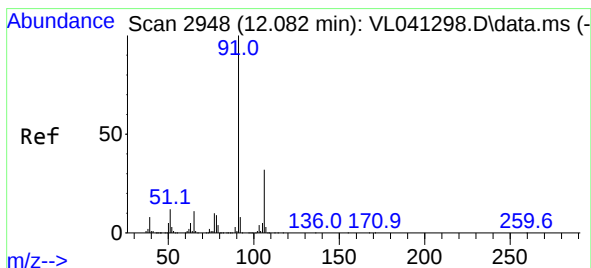
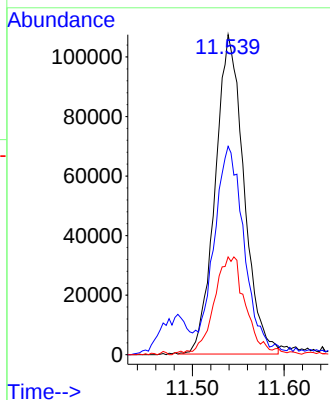
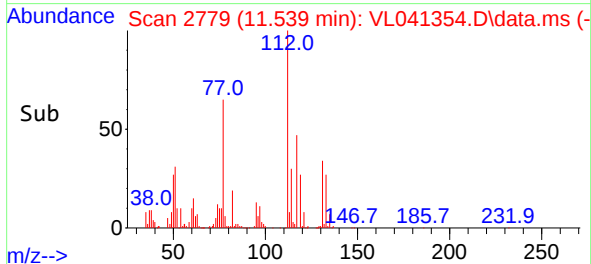


#57
Chlorobenzene
Concen: 1.174 ppbv
RT: 11.539 min Scan# 211
Delta R.T. 0.013 min
Lab File: VL041354.D
Acq: 26 Jun 2024 10:13

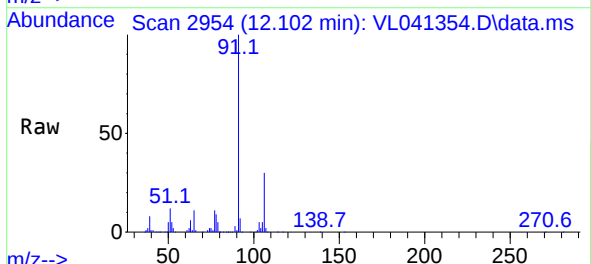
Instrument :
MSVOA_L
ClientSampleId :



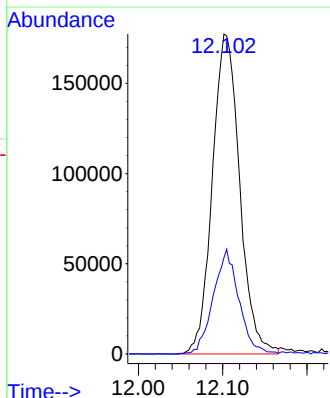
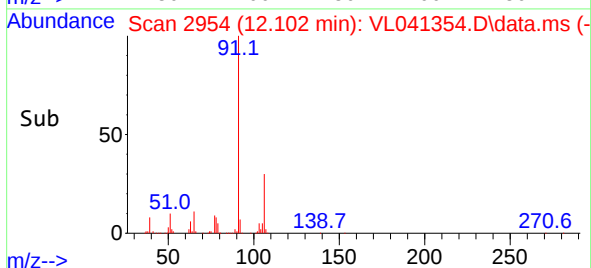
Tgt Ion:112 Resp: 233514
Ion Ratio Lower Upper
112 100
77 62.4 52.0 78.0
114 29.9 29.8 36.4

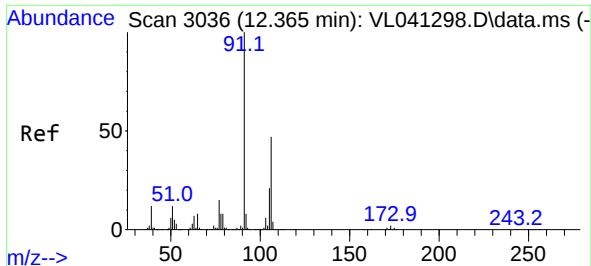


#58
Ethyl Benzene
Concen: 1.162 ppbv
RT: 12.102 min Scan# 2954
Delta R.T. 0.019 min
Lab File: VL041354.D
Acq: 26 Jun 2024 10:13



Tgt Ion: 91 Resp: 398770
Ion Ratio Lower Upper
91 100
106 30.1 25.5 38.3

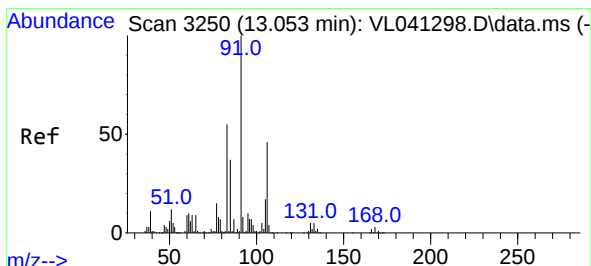
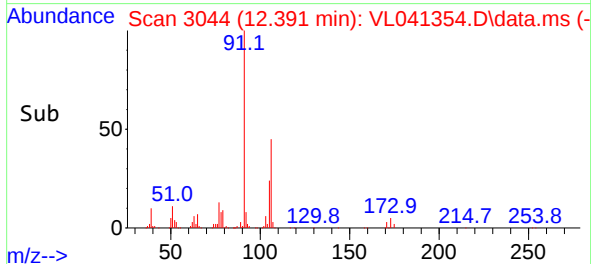
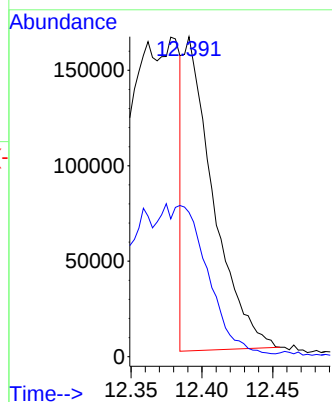
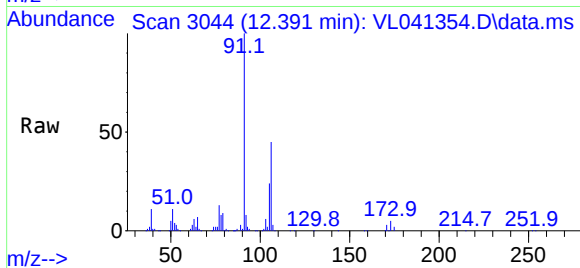




#59
m/p-Xylene
Concen: 0.820 ppbv
RT: 12.391 min Scan# 3044
Delta R.T. 0.026 min
Lab File: VL041354.D
Acq: 26 Jun 2024 10:13

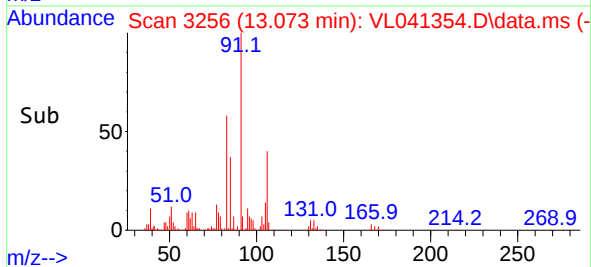
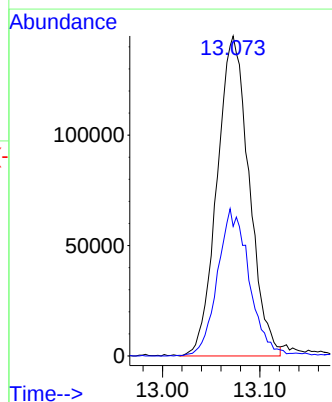
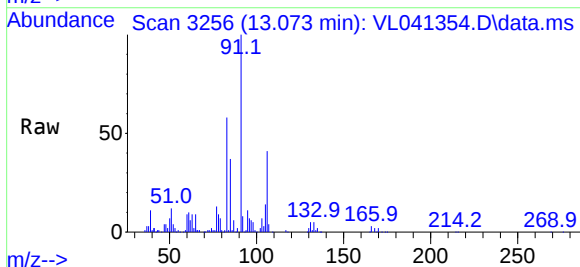
Instrument :
MSVOA_L
ClientSampleId :

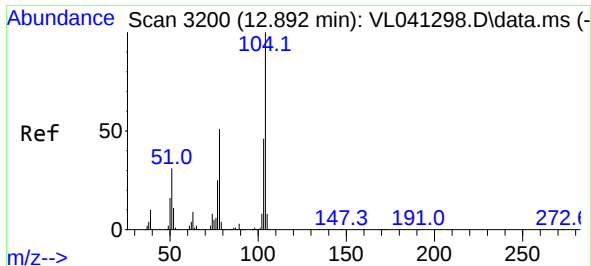
Tgt Ion: 91 Resp: 241224
Ion Ratio Lower Upper
91 100
106 0.0 35.7 53.5#



#60
o-Xylene
Concen: 1.183 ppbv
RT: 13.073 min Scan# 3256
Delta R.T. 0.019 min
Lab File: VL041354.D
Acq: 26 Jun 2024 10:13

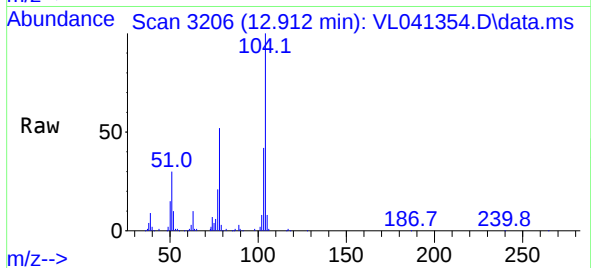
Tgt Ion: 91 Resp: 331475
Ion Ratio Lower Upper
91 100
106 45.9 22.8 68.4



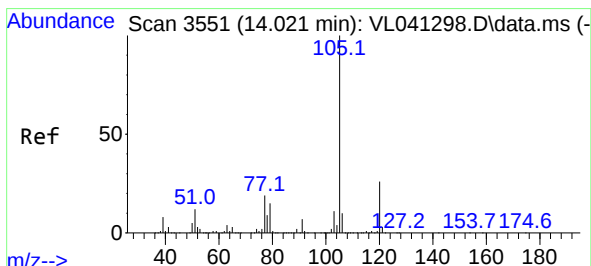
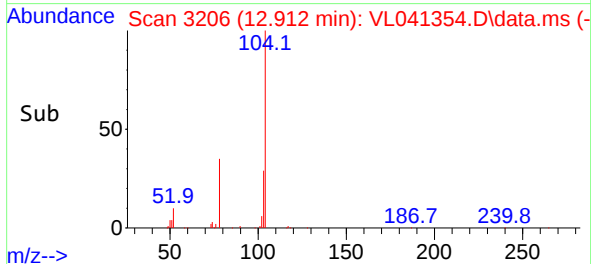
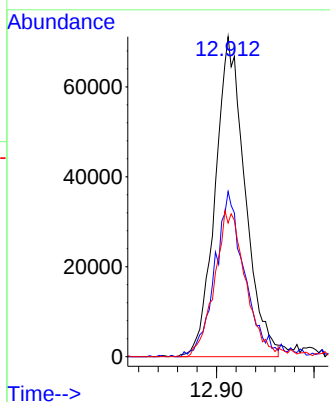


#61
Styrene
Concen: 1.099 ppbv
RT: 12.912 min Scan# 31
Delta R.T. 0.019 min
Lab File: VL041354.D
Acq: 26 Jun 2024 10:13

Instrument :
MSVOA_L
ClientSampleId :

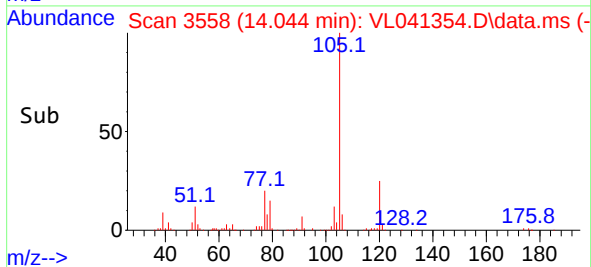
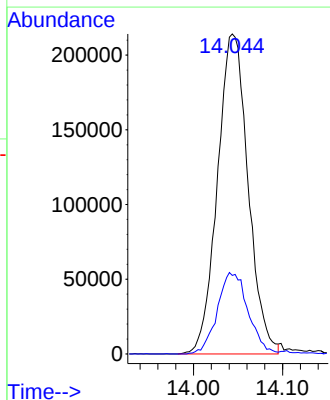
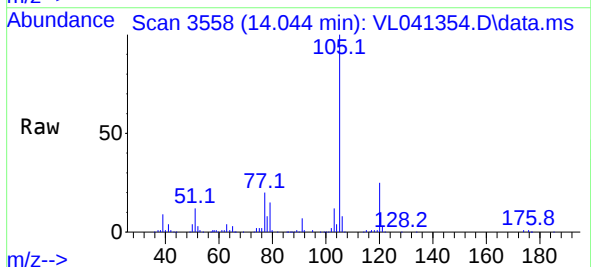


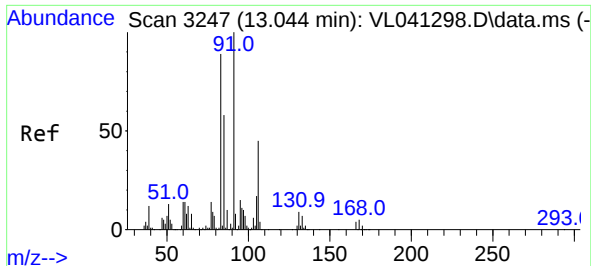
Tgt Ion:104 Resp: 151027
Ion Ratio Lower Upper
104 100
78 52.7 42.2 63.4
103 48.2 37.9 56.9



#62
Isopropylbenzene
Concen: 1.208 ppbv
RT: 14.044 min Scan# 3558
Delta R.T. 0.023 min
Lab File: VL041354.D
Acq: 26 Jun 2024 10:13

Tgt Ion:105 Resp: 512092
Ion Ratio Lower Upper
105 100
120 26.0 20.4 30.6

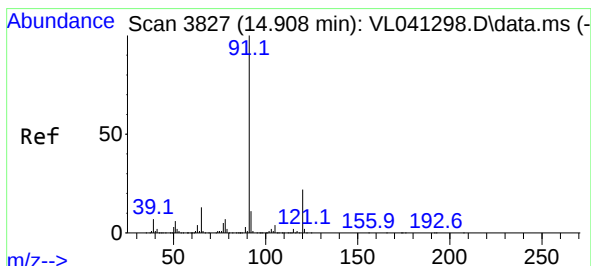
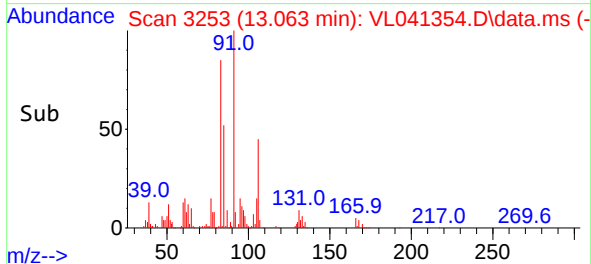
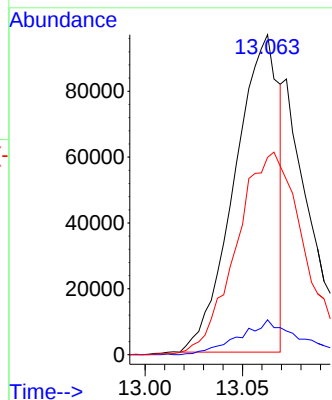
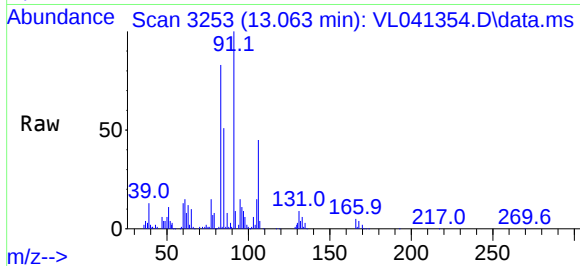




#63
1,1,2,2-Tetrachloroethane
Concen: 0.762 ppbv
RT: 13.063 min Scan# 31
Delta R.T. 0.019 min
Lab File: VL041354.D
Acq: 26 Jun 2024 10:13

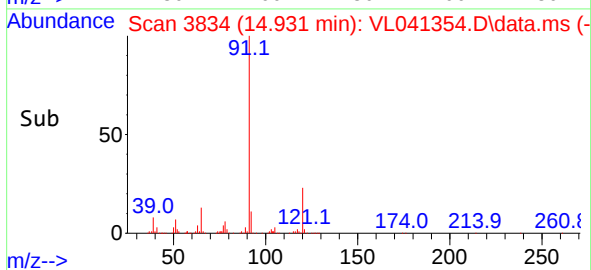
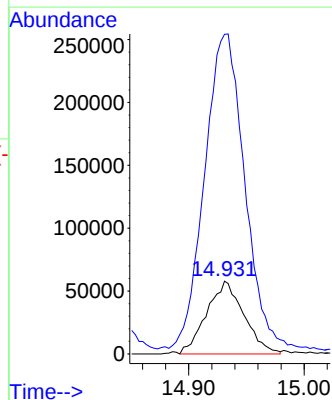
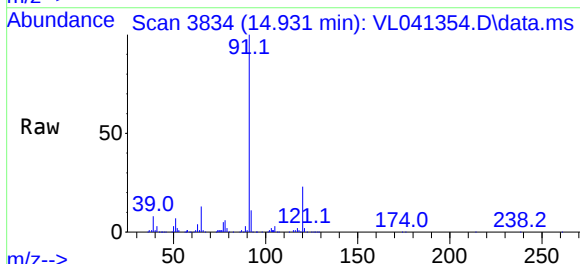
Instrument :
MSVOA_L
ClientSampleId :

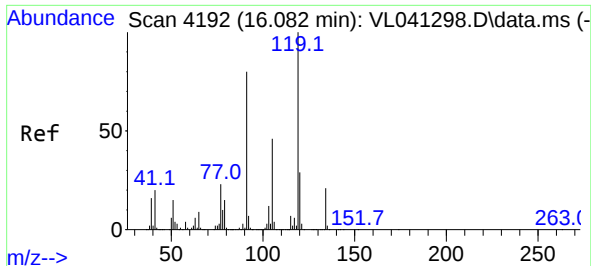
Tgt Ion: 83 Resp: 151958
Ion Ratio Lower Upper
83 100
131 15.8 4.7 14.1#
85 105.2 32.6 97.7#



#64
n-propylbenzene
Concen: 1.187 ppbv
RT: 14.931 min Scan# 3834
Delta R.T. 0.023 min
Lab File: VL041354.D
Acq: 26 Jun 2024 10:13

Tgt Ion:120 Resp: 129653
Ion Ratio Lower Upper
120 100
91 492.4 374.2 561.2

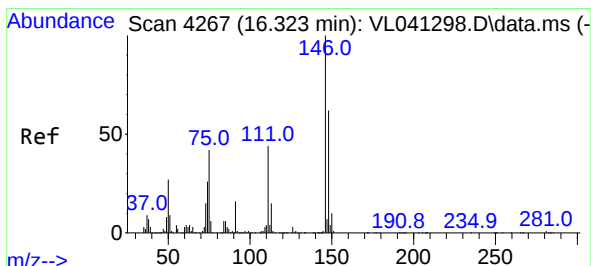
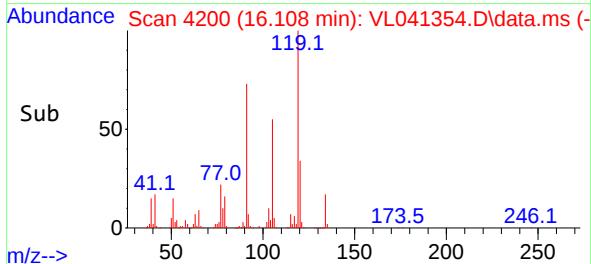
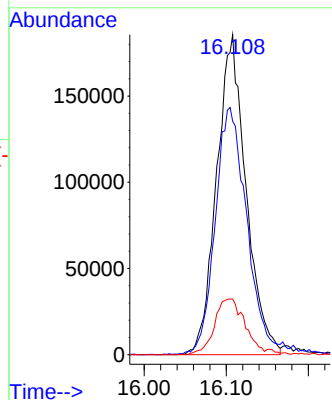
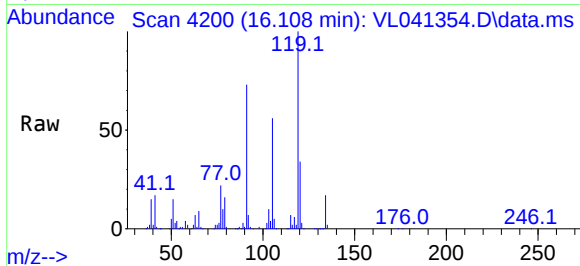




#65
tert-Butylbenzene
Concen: 1.226 ppbv
RT: 16.108 min Scan# 4192
Delta R.T. 0.026 min
Lab File: VL041354.D
Acq: 26 Jun 2024 10:13

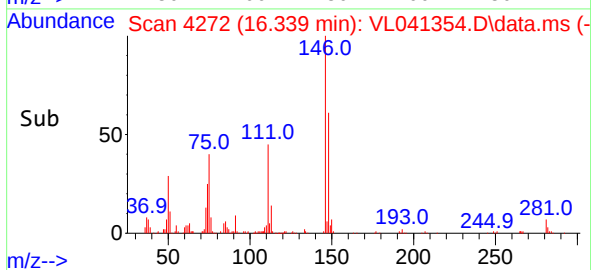
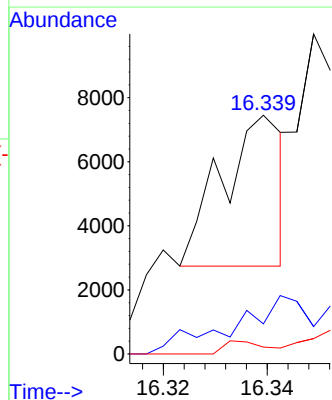
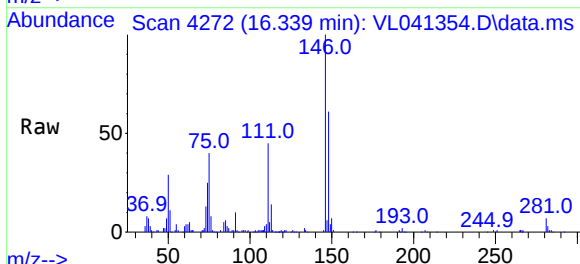
Instrument :
MSVOA_L
ClientSampleId :

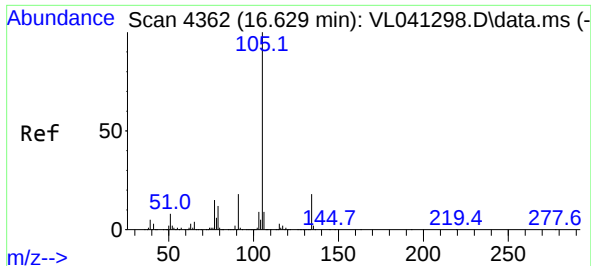
Tgt Ion:119 Resp: 461952
Ion Ratio Lower Upper
119 100
91 85.0 66.5 99.7
134 18.6 15.7 23.5



#66
Benzyl Chloride
Concen: 0.155 ppbv
RT: 16.339 min Scan# 4272
Delta R.T. 0.016 min
Lab File: VL041354.D
Acq: 26 Jun 2024 10:13

Tgt Ion: 91 Resp: 3833
Ion Ratio Lower Upper
91 100
126 91.8 13.4 20.2#
128 32.7 4.6 6.8#

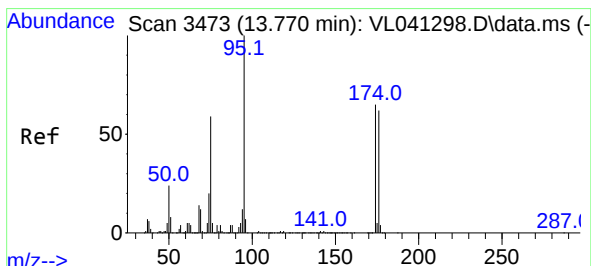
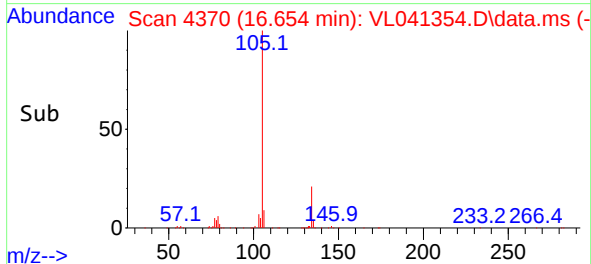
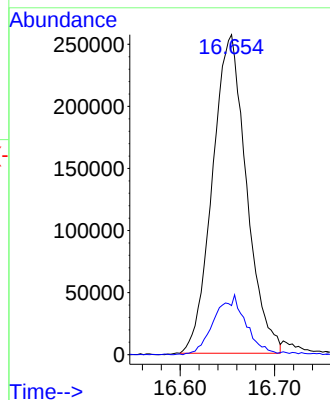
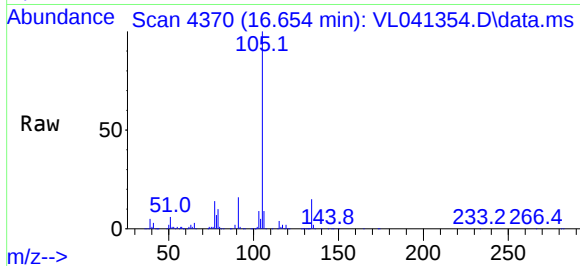




#67
 sec-Butylbenzene
 Concen: 1.205 ppbv
 RT: 16.654 min Scan# 41
 Delta R.T. 0.026 min
 Lab File: VL041354.D
 Acq: 26 Jun 2024 10:13

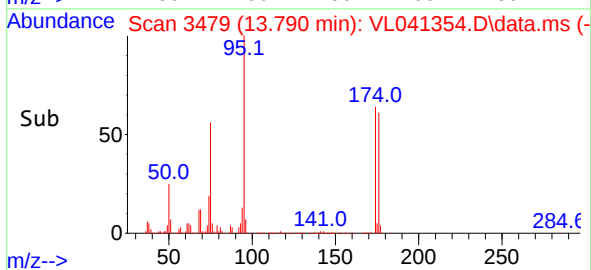
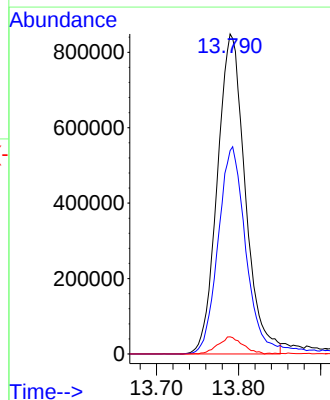
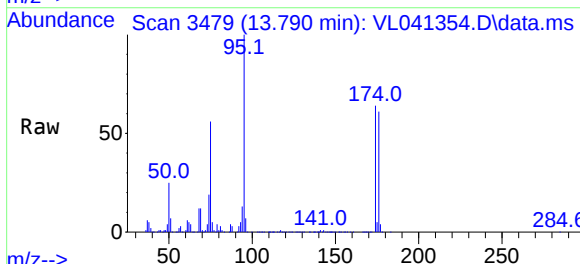
Instrument :
 MSVOA_L
 ClientSampleId :

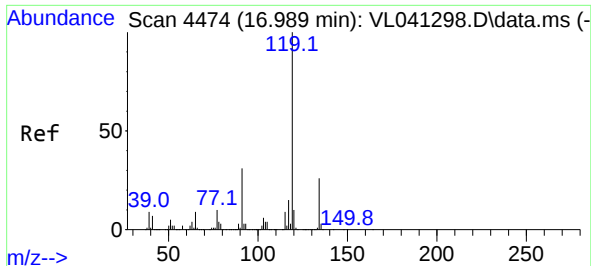
Tgt Ion:105 Resp: 641703
 Ion Ratio Lower Upper
 105 100
 134 18.1 14.3 21.5



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.691 ppbv
 RT: 13.790 min Scan# 3479
 Delta R.T. 0.019 min
 Lab File: VL041354.D
 Acq: 26 Jun 2024 10:13

Tgt Ion: 95 Resp: 2003165
 Ion Ratio Lower Upper
 95 100
 174 67.3 52.2 78.2
 175 4.8 4.1 6.1

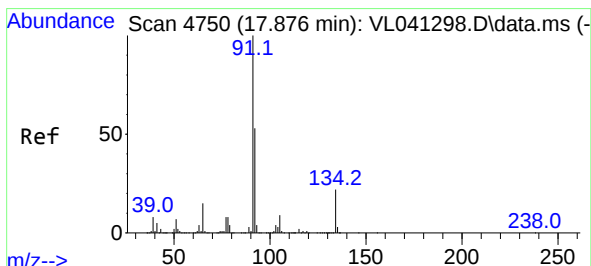
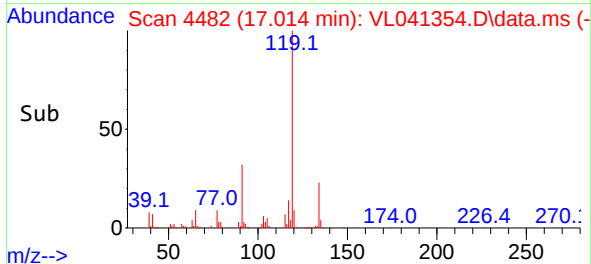
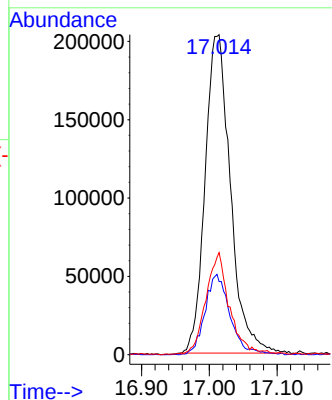
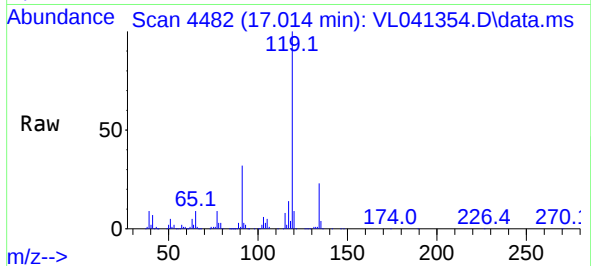




#69
p-Isopropyltoluene
Concen: 1.203 ppbv
RT: 17.014 min Scan# 4474
Delta R.T. 0.026 min
Lab File: VL041354.D
Acq: 26 Jun 2024 10:13

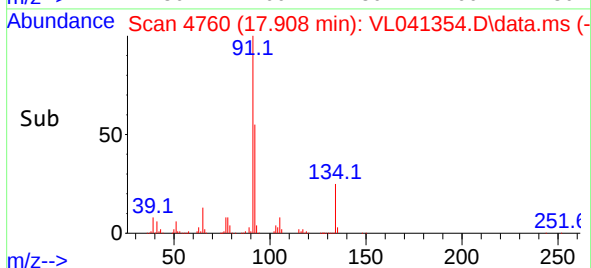
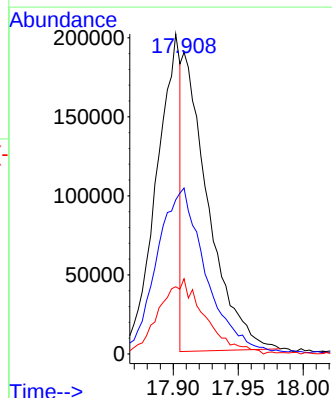
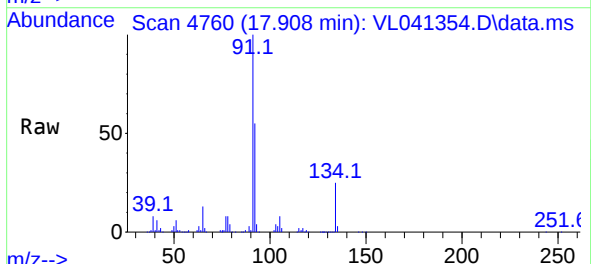
Instrument :
MSVOA_L
ClientSampleId :

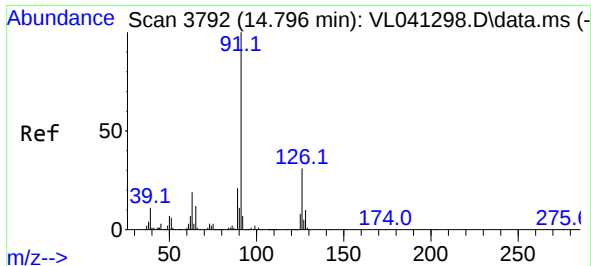
Tgt Ion:119 Resp: 527960
Ion Ratio Lower Upper
119 100
134 25.0 20.1 30.1
91 30.4 24.1 36.1



#70
n-Butylbenzene
Concen: 0.575 ppbv
RT: 17.908 min Scan# 4760
Delta R.T. 0.032 min
Lab File: VL041354.D
Acq: 26 Jun 2024 10:13

Tgt Ion: 91 Resp: 261794
Ion Ratio Lower Upper
91 100
92 107.4 42.9 64.3#
134 45.4 17.9 26.9#

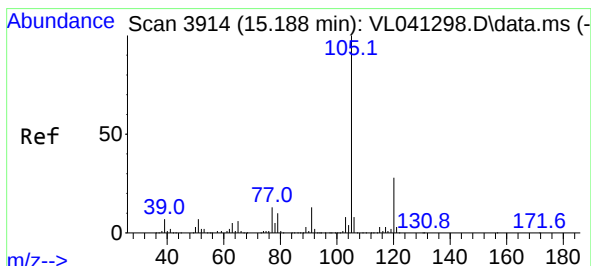
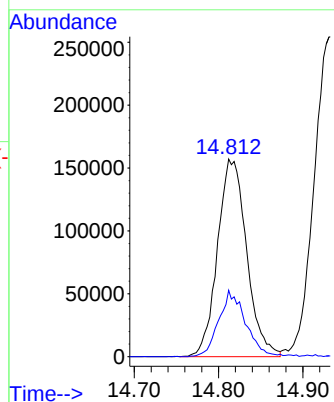
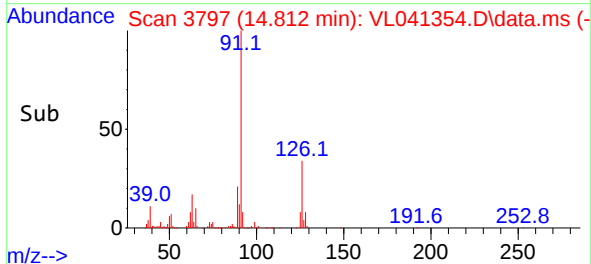
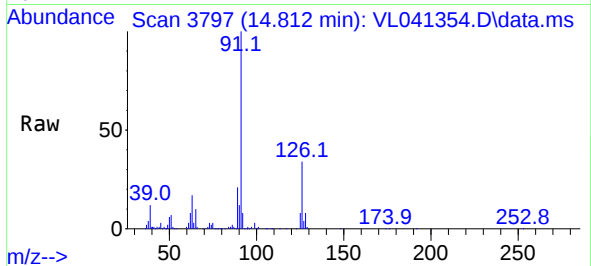




#71
2-Chlorotoluene
Concen: 1.164 ppbv
RT: 14.812 min Scan# 31
Delta R.T. 0.016 min
Lab File: VL041354.D
Acq: 26 Jun 2024 10:13

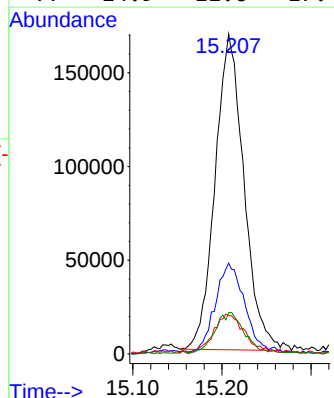
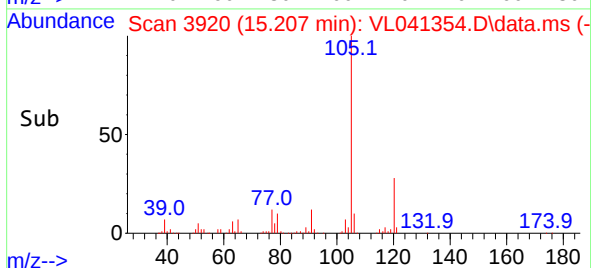
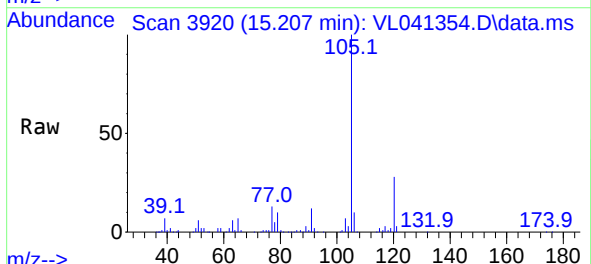
Instrument :
MSVOA_L
ClientSampleId :

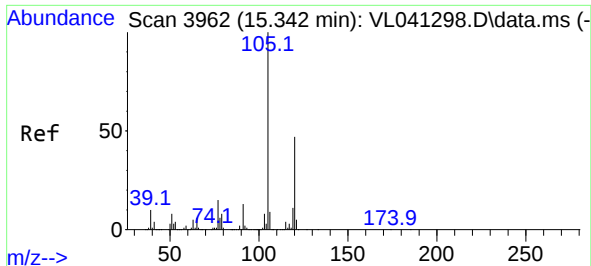
Tgt Ion: 91 Resp: 377532
Ion Ratio Lower Upper
91 100
126 31.6 12.4 49.8



#72
4-Ethyltoluene
Concen: 1.155 ppbv
RT: 15.207 min Scan# 3920
Delta R.T. 0.019 min
Lab File: VL041354.D
Acq: 26 Jun 2024 10:13

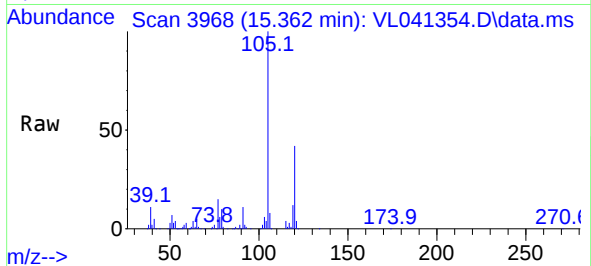
Tgt Ion: 105 Resp: 377290
Ion Ratio Lower Upper
105 100
120 30.4 23.7 35.5
91 12.9 10.6 16.0
77 14.9 11.6 17.4



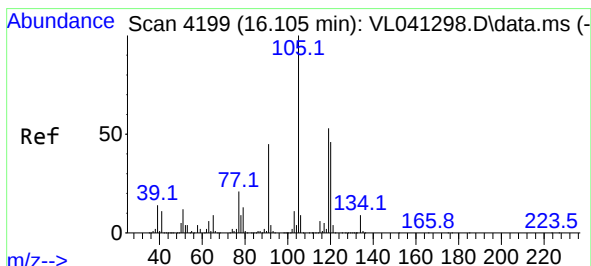
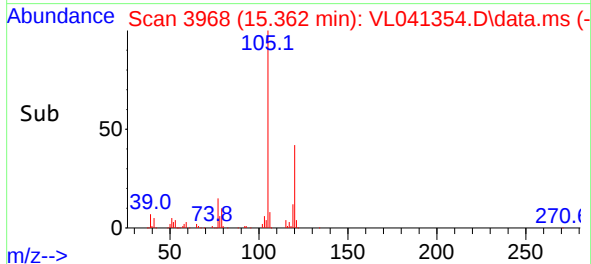
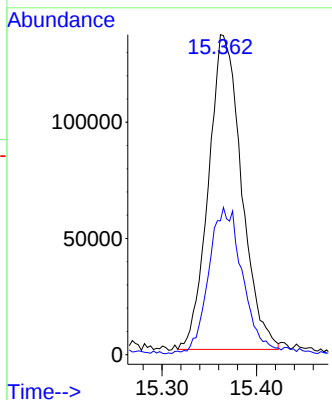


#73
1,3,5-Trimethylbenzene
Concen: 1.161 ppbv
RT: 15.362 min Scan# 3962
Delta R.T. 0.019 min
Lab File: VL041354.D
Acq: 26 Jun 2024 10:13

Instrument :
MSVOA_L
ClientSampleId :

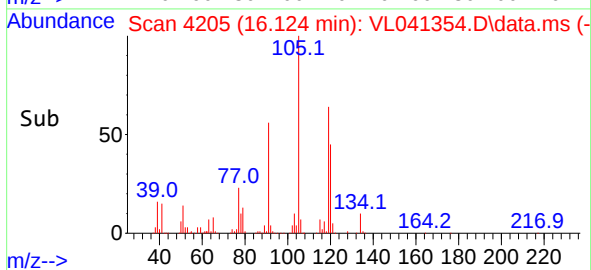
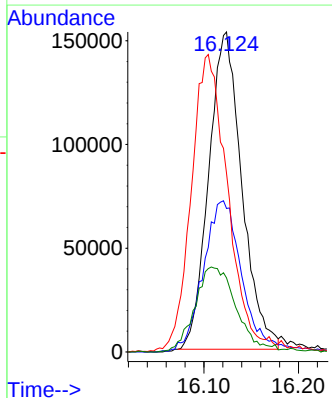
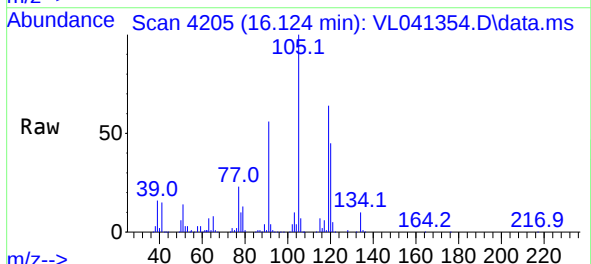


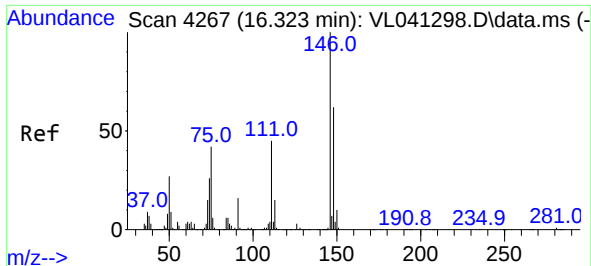
Tgt Ion:105 Resp: 329198
Ion Ratio Lower Upper
105 100
120 41.5 37.8 56.8



#74
1,2,4-Trimethylbenzene
Concen: 1.163 ppbv
RT: 16.124 min Scan# 4205
Delta R.T. 0.019 min
Lab File: VL041354.D
Acq: 26 Jun 2024 10:13

Tgt Ion:105 Resp: 372859
Ion Ratio Lower Upper
105 100
120 43.0 37.0 55.6
91 53.8 36.2 54.4
77 22.7 16.6 24.8

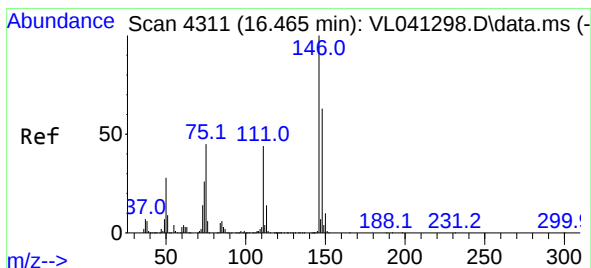
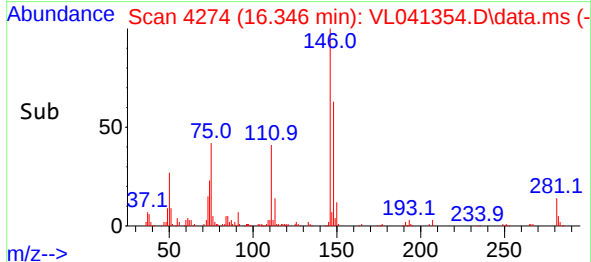
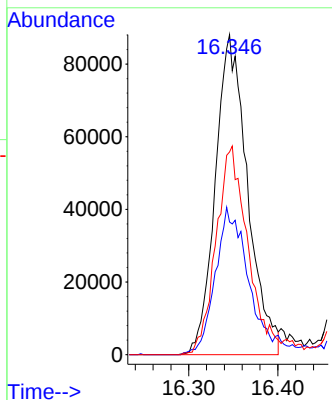
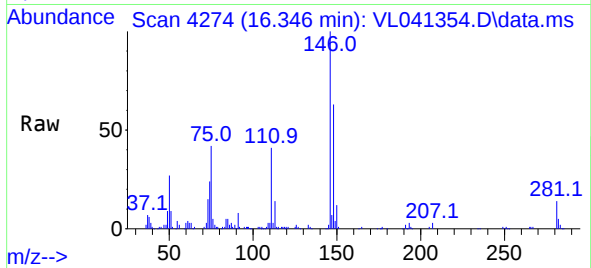




#75
1,3-Dichlorobenzene
Concen: 1.176 ppbv
RT: 16.346 min Scan# 4319
Delta R.T. 0.023 min
Lab File: VL041354.D
Acq: 26 Jun 2024 10:13

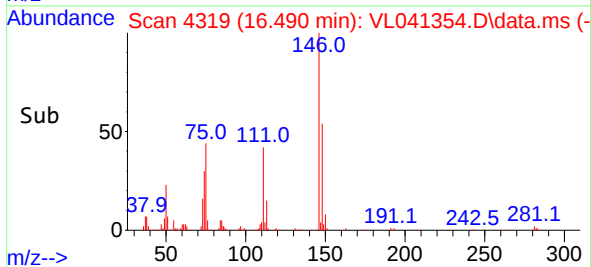
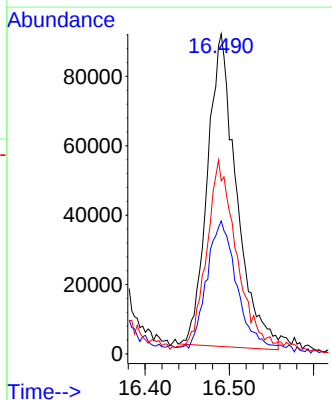
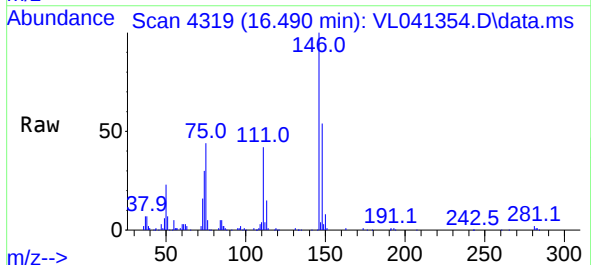
Instrument :
MSVOA_L
ClientSampleId :

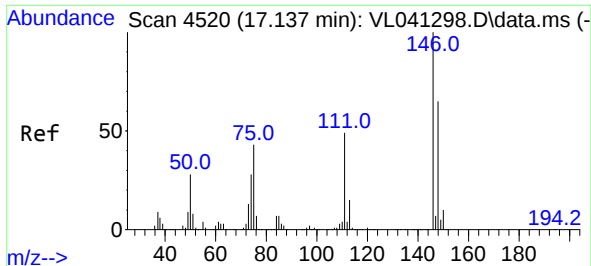
Tgt Ion:146 Resp: 221285
Ion Ratio Lower Upper
146 100
111 48.3 23.3 69.8
148 66.5 32.2 96.6



#76
1,4-Dichlorobenzene
Concen: 1.150 ppbv
RT: 16.490 min Scan# 4319
Delta R.T. 0.026 min
Lab File: VL041354.D
Acq: 26 Jun 2024 10:13

Tgt Ion:146 Resp: 216216
Ion Ratio Lower Upper
146 100
111 48.3 23.3 69.9
148 67.9 32.9 98.6

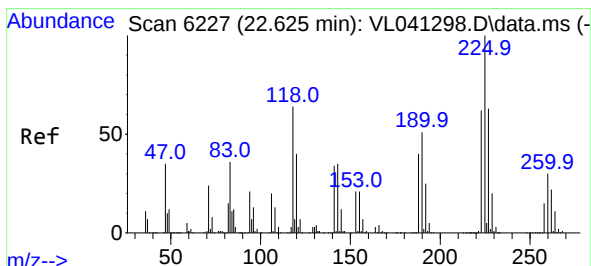
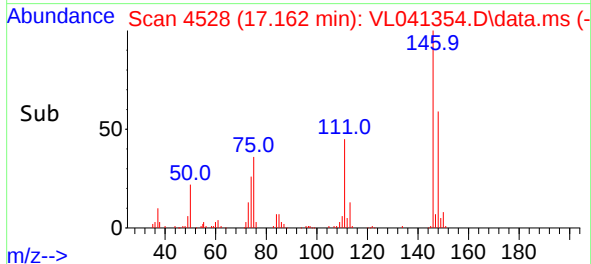
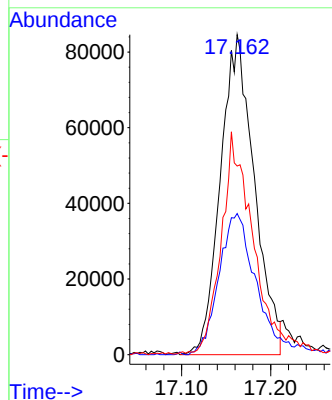
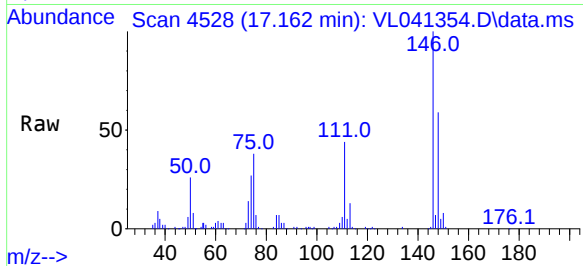




#77
1,2-Dichlorobenzene
Concen: 1.185 ppbv
RT: 17.162 min Scan# 41
Delta R.T. 0.026 min
Lab File: VL041354.D
Acq: 26 Jun 2024 10:13

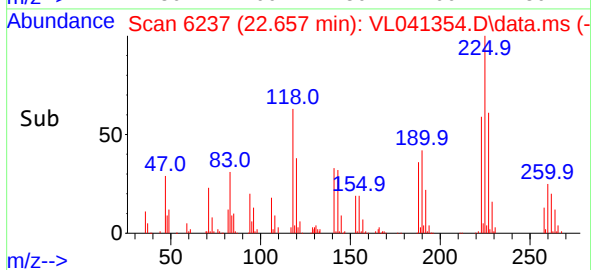
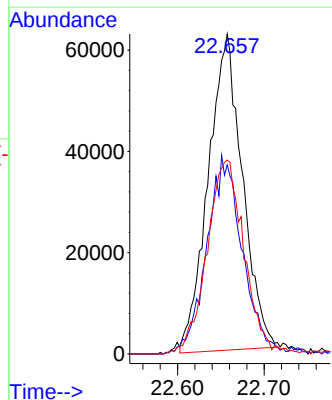
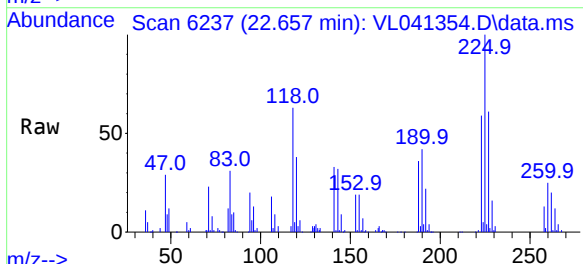
Instrument :
MSVOA_L
ClientSampleId :

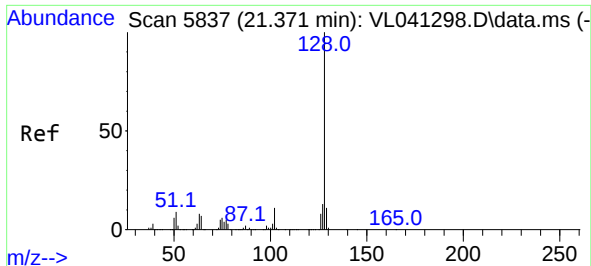
Tgt Ion:146 Resp: 223264
Ion Ratio Lower Upper
146 100
111 49.8 24.3 72.9
148 66.7 32.0 96.0



#78
Hexachloro-1,3-Butadiene
Concen: 1.112 ppbv
RT: 22.657 min Scan# 6237
Delta R.T. 0.032 min
Lab File: VL041354.D
Acq: 26 Jun 2024 10:13

Tgt Ion:225 Resp: 171714
Ion Ratio Lower Upper
225 100
223 65.7 51.0 76.6
227 66.6 51.1 76.7

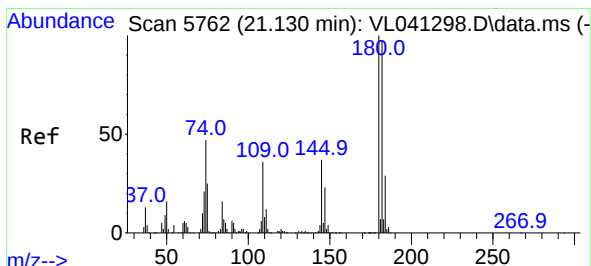
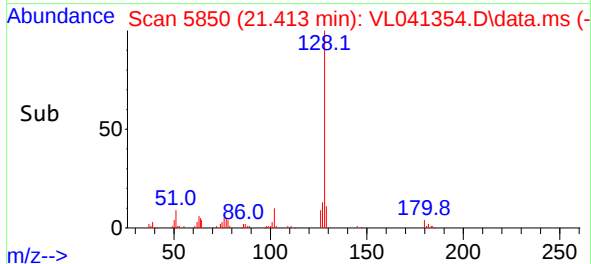
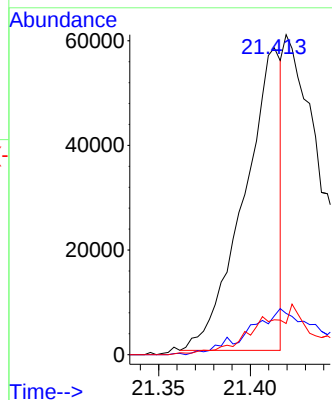
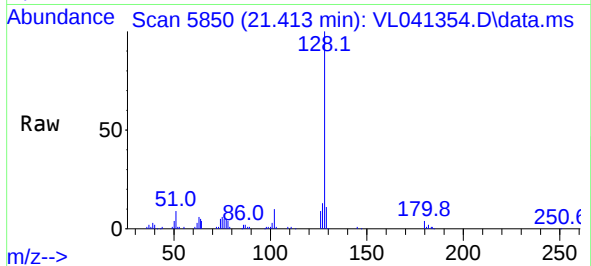




#79
Naphthalene
Concen: 0.293 ppbv
RT: 21.413 min Scan# 51
Delta R.T. 0.042 min
Lab File: VL041354.D
Acq: 26 Jun 2024 10:13

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:128 Resp: 81390
Ion Ratio Lower Upper
128 100
127 12.4 10.5 15.7
129 10.9 9.1 13.7



#81
1,2,4-Trichlorobenzene
Concen: 0.431 ppbv
RT: 21.172 min Scan# 5775
Delta R.T. 0.042 min
Lab File: VL041354.D
Acq: 26 Jun 2024 10:13

Tgt Ion:180 Resp: 66788
Ion Ratio Lower Upper
180 100
182 0.0 77.0 115.6#
184 0.0 0.0 0.0

