

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062624\
 Data File : VL041358.D
 Acq On : 26 Jun 2024 12:54
 Operator : SY/MD
 Sample : VSTDIC015
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jun 27 08:27:06 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	5.211	49	1091972	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.677	114	2918960	10.000	ppbv	0.02
55) Chlorobenzene-d5	11.487	117	2836754	10.000	ppbv	0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.796 95 2103568 9.604 ppbv 0.03
 Spiked Amount 10.000 Range 65 - 135 Recovery = 96.000%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.748	85	2232444	12.802	ppbv	100
3) Chlorodifluoromethane	2.693	51	2372667	13.750	ppbv	100
4) Chloromethane	2.832	50	922977	14.210	ppbv	98
5) Vinyl Chloride	2.938	62	989166	15.118	ppbv	94
6) Bromomethane	3.140	94	330078	14.188	ppbv	90
7) Chloroethane	3.214	64	340942	15.134	ppbv	96
8) Dichlorotetrafluoroethane	2.877	85	2307648	14.390	ppbv	96
9) Propene	2.713	41	834954	13.584	ppbv	100
10) Heptane	7.600	43	2056662	14.117	ppbv	98
11) Trichlorofluoromethane	3.581	101	2352388	14.675	ppbv	96
12) 1,1,2-Trichlorotrifluo...	4.086	101	1657245	14.636	ppbv	97
13) Ethanol	3.263	45	195750	12.241	ppbv	97
14) Bromoethene	3.385	108	706815	15.424	ppbv	98
15) Acetone	3.488	43	1779557	14.274	ppbv	99
16) 1,3-Butadiene	3.002	39	962605	15.359	ppbv	98
17) tert-Butyl alcohol	3.899	59	1631125	14.210	ppbv	99
18) 1,1-Dichloroethene	3.899	96	746236	15.450	ppbv	95
19) Isopropyl Alcohol	3.600	45	1143062	14.593	ppbv	100
20) Methylene Chloride	3.951	84	636847	14.054	ppbv	95
21) Allyl Chloride	4.015	41	1182505	14.971	ppbv	99
22) trans-1,2-Dichloroethene	4.465	96	764265	15.183	ppbv	96
23) Vinyl Acetate	4.648	43	2131286	16.715	ppbv	99
24) 1,1-Dichloroethane	4.584	63	1607285	14.329	ppbv	99
25) Ethyl Acetate	5.224	43	3479358	14.107	ppbv	99
26) Hexane	5.230	57	1513859	13.648	ppbv	99
27) Carbon Disulfide	4.144	76	1999199	16.272	ppbv	99
28) Methyl tert-Butyl Ether	4.607	73	1164469	14.165	ppbv	100
29) Chloroform	5.298	83	2377541	13.971	ppbv	99
30) Cyclohexane	6.619	84	1295710	14.412	ppbv	95
31) cis-1,2-Dichloroethene	5.098	61	1539281	14.686	ppbv	99
32) 1,1,1-Trichloroethane	6.024	97	2374020	14.727	ppbv	100
34) 2-Butanone	4.806	43	2134687	15.265	ppbv	99
35) Carbon Tetrachloride	6.513	117	2477107	14.931	ppbv	97
36) Benzene	6.394	78	3204795	14.165	ppbv	99
37) 1,2-Dichloroethane	5.832	62	1881726	14.266	ppbv	100
38) Trichloroethene	7.314	130	1231679	13.433	ppbv	98
39) 1,2-Dichloropropane	7.095	63	1241698	13.783	ppbv	98
40) 1,4-Dioxane	7.304	88	398340	12.073	ppbv #	1
41) Tetrahydrofuran	5.574	42	1332547	14.645	ppbv	99
42) Bromodichloromethane	7.272	83	2676894	14.130	ppbv	97
43) Methyl Methacrylate	7.494	69	1319049	15.301	ppbv	98
44) 2,2,4-Trimethylpentane	7.349	57	5280128	13.570	ppbv	99
45) t-1,3-Dichloropropene	8.735	75	939432	16.150	ppbv	97

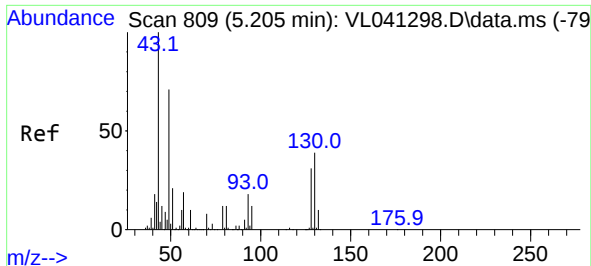
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062624\
 Data File : VL041358.D
 Acq On : 26 Jun 2024 12:54
 Operator : SY/MD
 Sample : VSTDIC015
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jun 27 08:27:06 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	8.166	75	1139732	15.221	ppbv	99
47) 1,1,2-Trichloroethane	8.922	97	1328142	14.107	ppbv	96
48) Dibromochloromethane	9.732	129	2276772	14.674	ppbv	100
49) Bromoform	12.429	173	1864005	14.908	ppbv	97
50) 4-Methyl-2-Pentanone	8.201	43	3359942	14.515	ppbv	99
51) 2-Hexanone	9.571	43	2474194	15.038	ppbv	100
52) Tetrachloroethene	10.635	164	1163520	14.102	ppbv	99
53) Toluene	9.240	91	3759051	14.444	ppbv	100
54) 1,2-Dibromoethane	10.031	107	1785713	14.549	ppbv	98
56) 1,1,1,2-Tetrachloroethane	11.529	131	1632957	13.610	ppbv	93
57) Chlorobenzene	11.548	112	2794769	13.263	ppbv	99
58) Ethyl Benzene	12.111	91	5012346	13.784	ppbv	98
59) m/p-Xylene	12.394	91	4164822	13.368	ppbv #	26
60) o-Xylene	13.079	91	3934582	13.248	ppbv	97
61) Styrene	12.918	104	2181407	14.981	ppbv	99
62) Isopropylbenzene	14.050	105	5996265	13.349	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.072	83	2869420	13.579	ppbv	99
64) n-propylbenzene	14.937	120	1602547	13.843	ppbv	99
65) tert-Butylbenzene	16.108	119	5305584	13.287	ppbv	99
66) Benzyl Chloride	16.352	91	447058	17.016	ppbv	98
67) sec-Butylbenzene	16.658	105	7503322	13.301	ppbv	99
69) p-Isopropyltoluene	17.018	119	6332145	13.620	ppbv	99
70) n-Butylbenzene	17.905	91	6622429	13.730	ppbv	99
71) 2-Chlorotoluene	14.822	91	4546603	13.225	ppbv	97
72) 4-Ethyltoluene	15.211	105	4958199	14.330	ppbv	98
73) 1,3,5-Trimethylbenzene	15.371	105	4303535	14.330	ppbv	99
74) 1,2,4-Trimethylbenzene	16.127	105	4631774	13.638	ppbv #	89
75) 1,3-Dichlorobenzene	16.352	146	2834331	14.216	ppbv	100
76) 1,4-Dichlorobenzene	16.494	146	2795725	14.033	ppbv	99
77) 1,2-Dichlorobenzene	17.162	146	2764428	13.851	ppbv	99
78) Hexachloro-1,3-Butadiene	22.660	225	1816346	11.105	ppbv	100
79) Naphthalene	21.416	128	3439133	11.670	ppbv	98
80) Naphthalene,2-methyl-	24.390	142	11880	0.119	ppbv #	33
81) 1,2,4-Trichlorobenzene	21.169	180	1861487	11.327	ppbv #	100

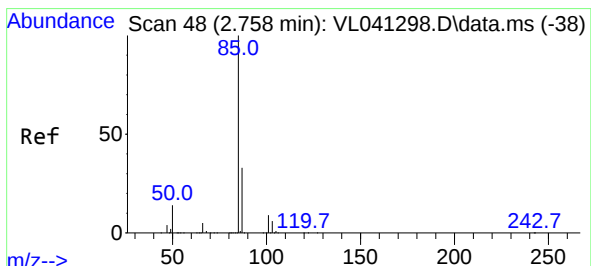
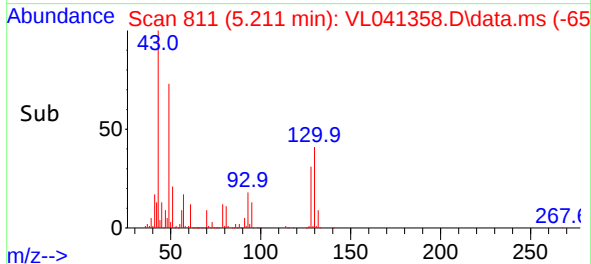
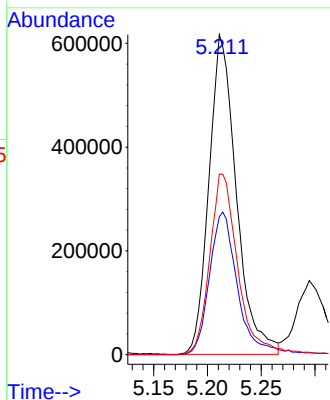
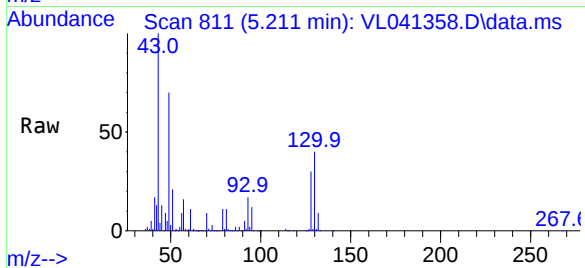
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.211 min Scan# 81
Delta R.T. 0.006 min
Lab File: VL041358.D
Acq: 26 Jun 2024 12:54

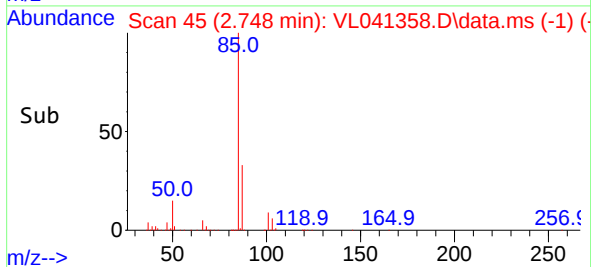
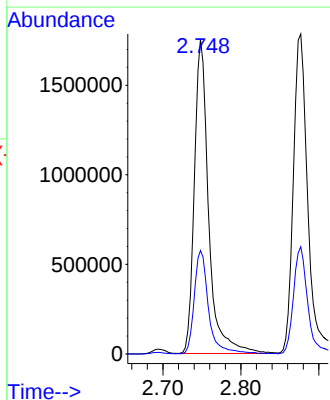
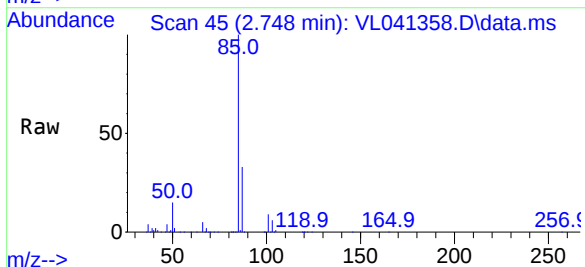
Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 1091972
Ion Ratio Lower Upper
49 100
128 46.7 22.8 68.3
130 58.8 28.4 85.3

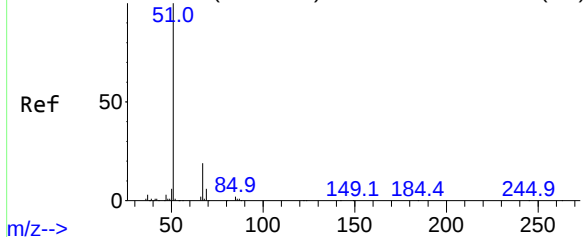


#2
Dichlorodifluoromethane
Concen: 12.802 ppbv
RT: 2.748 min Scan# 45
Delta R.T. -0.010 min
Lab File: VL041358.D
Acq: 26 Jun 2024 12:54

Tgt Ion: 85 Resp: 2232444
Ion Ratio Lower Upper
85 100
87 32.8 26.5 39.7



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

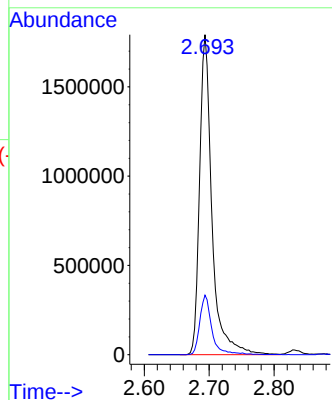
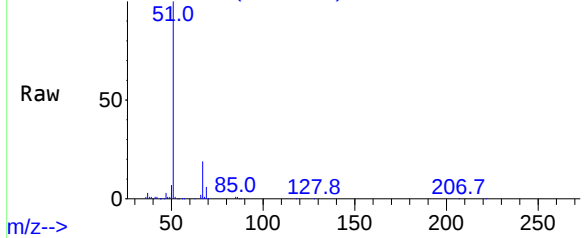


#3
Chlorodifluoromethane
Concen: 13.750 ppbv
RT: 2.693 min Scan# 21
Delta R.T. -0.010 min
Lab File: VL041358.D
Acq: 26 Jun 2024 12:54

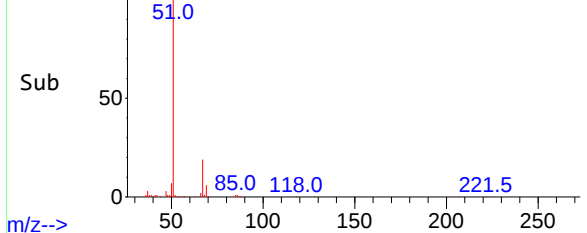
Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 51 Resp: 2372667
Ion Ratio Lower Upper
51 100
67 18.3 14.7 22.1

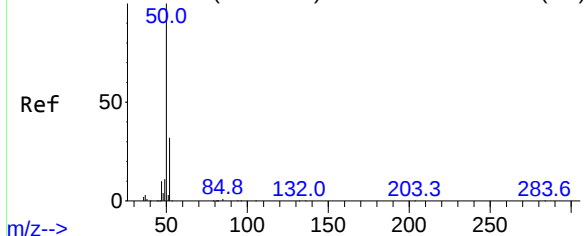
Abundance Scan 28 (2.693 min): VL041358.D\data.ms



Abundance Scan 28 (2.693 min): VL041358.D\data.ms (-1) (-)



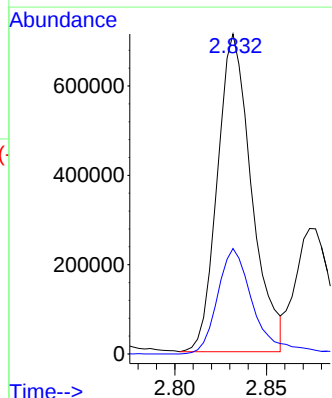
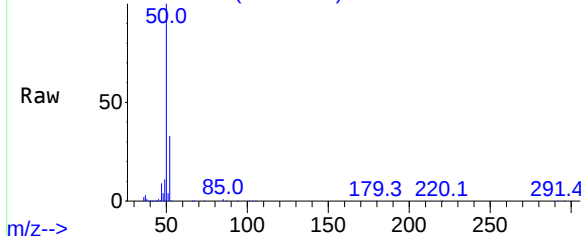
Abundance Scan 73 (2.838 min): VL041298.D\data.ms (-66)



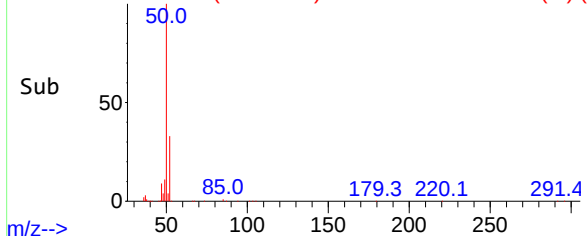
#4
Chloromethane
Concen: 14.210 ppbv
RT: 2.832 min Scan# 71
Delta R.T. -0.006 min
Lab File: VL041358.D
Acq: 26 Jun 2024 12:54

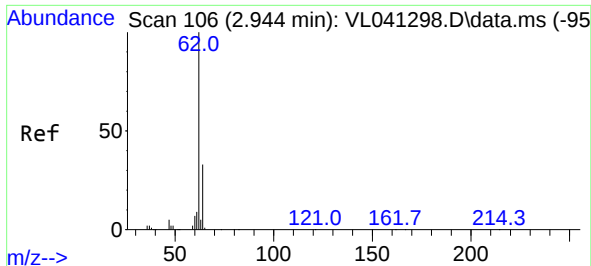
Tgt Ion: 50 Resp: 922977
Ion Ratio Lower Upper
50 100
52 33.2 25.6 38.4

Abundance Scan 71 (2.832 min): VL041358.D\data.ms



Abundance Scan 71 (2.832 min): VL041358.D\data.ms (-1) (-)

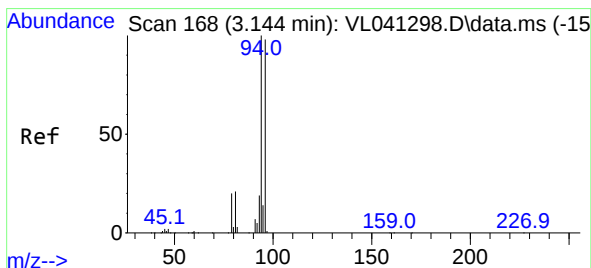
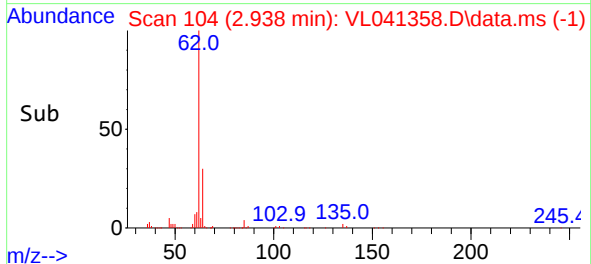
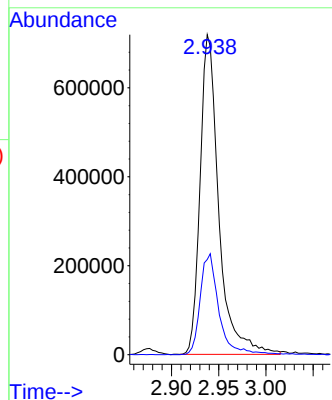
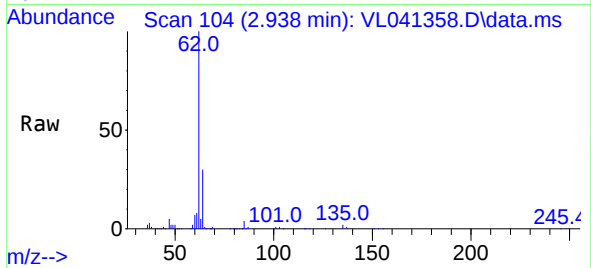




#5
Vinyl Chloride
Concen: 15.118 ppbv
RT: 2.938 min Scan# 106
Delta R.T. -0.006 min
Lab File: VL041358.D
Acq: 26 Jun 2024 12:54

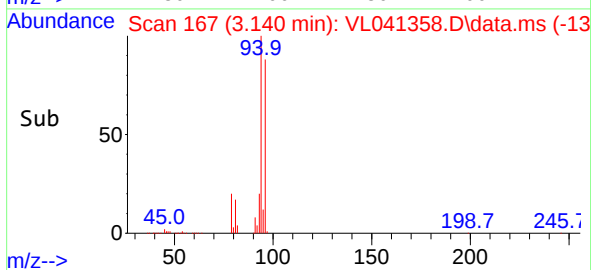
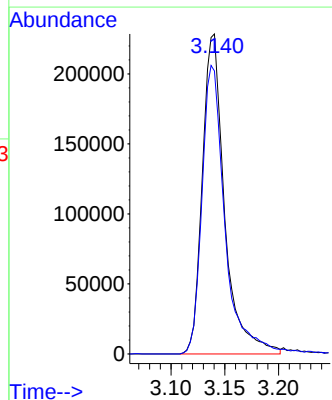
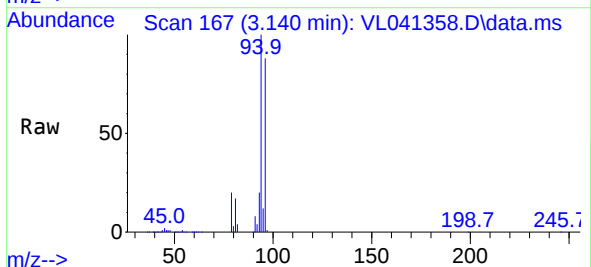
Instrument :
MSVOA_L
ClientSampleId :

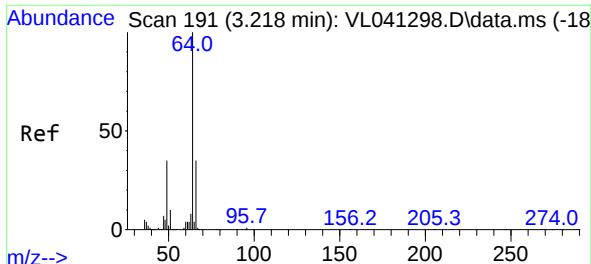
Tgt Ion: 62 Resp: 989166
Ion Ratio Lower Upper
62 100
64 29.8 26.6 40.0



#6
Bromomethane
Concen: 14.188 ppbv
RT: 3.140 min Scan# 167
Delta R.T. -0.003 min
Lab File: VL041358.D
Acq: 26 Jun 2024 12:54

Tgt Ion: 94 Resp: 330078
Ion Ratio Lower Upper
94 100
96 88.4 78.6 117.8

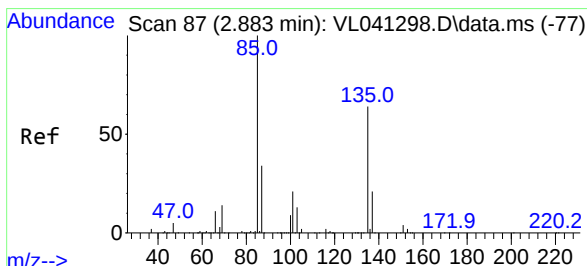
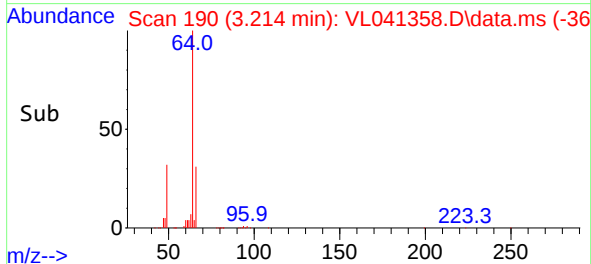
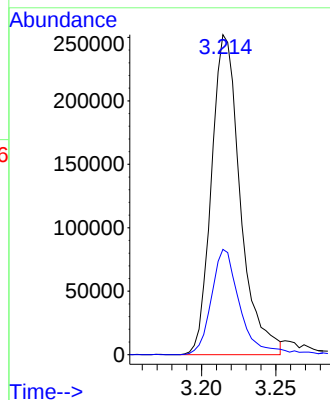
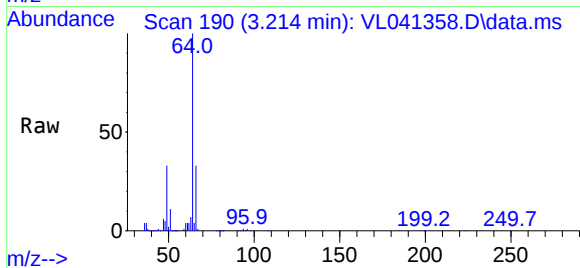




#7
Chloroethane
Concen: 15.134 ppbv
RT: 3.214 min Scan# 191
Delta R.T. -0.003 min
Lab File: VL041358.D
Acq: 26 Jun 2024 12:54

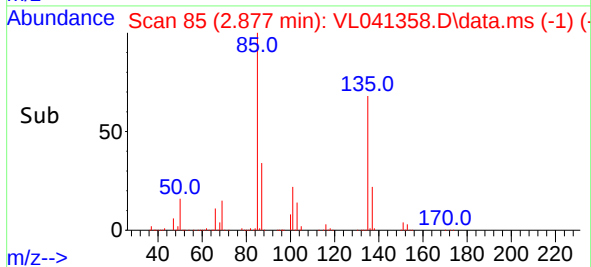
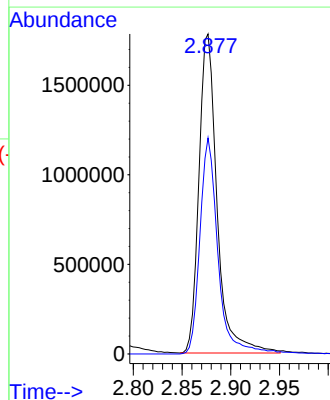
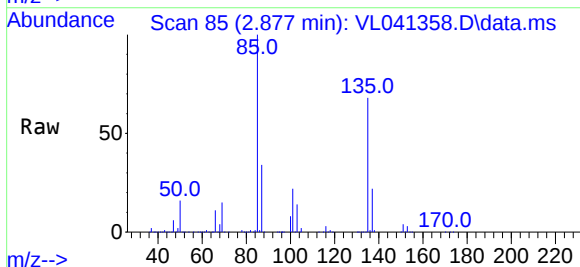
Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 64 Resp: 340942
Ion Ratio Lower Upper
64 100
66 32.9 28.1 42.1

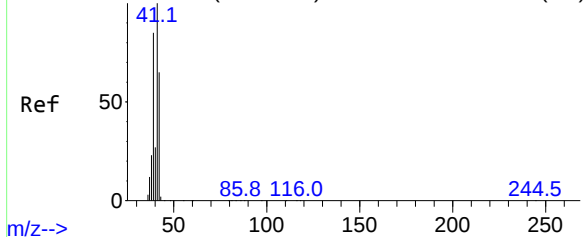


#8
Dichlorotetrafluoroethane
Concen: 14.390 ppbv
RT: 2.877 min Scan# 85
Delta R.T. -0.006 min
Lab File: VL041358.D
Acq: 26 Jun 2024 12:54

Tgt Ion: 85 Resp: 2307648
Ion Ratio Lower Upper
85 100
135 67.9 51.7 77.5



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



#9

Propene

Concen: 13.584 ppbv

RT: 2.713 min Scan# 34

Delta R.T. -0.010 min

Lab File: VL041358.D

Acq: 26 Jun 2024 12:54

Instrument :

MSVOA_L

ClientSampleId :

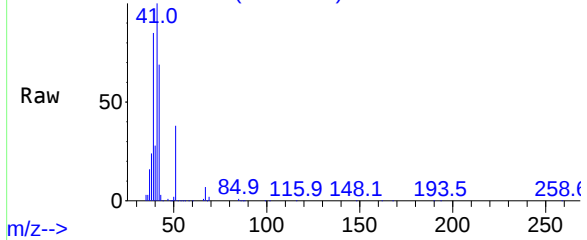
Tgt Ion: 41 Resp: 834954

Ion Ratio Lower Upper

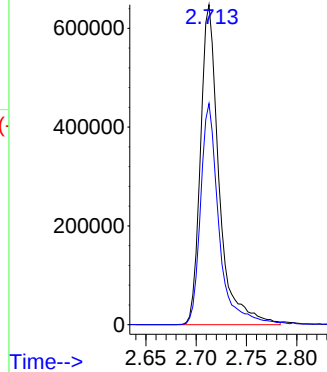
41 100

42 68.9 55.2 82.8

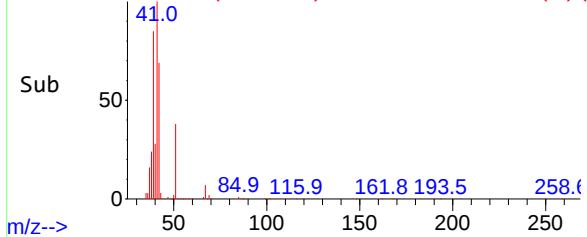
Abundance Scan 34 (2.713 min): VL041358.D\data.ms



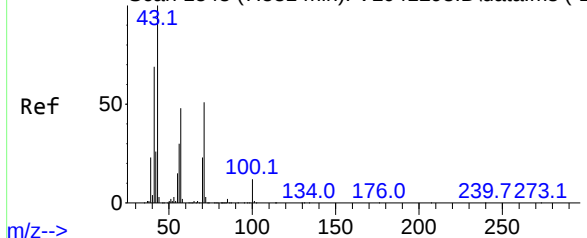
Abundance



Abundance Scan 34 (2.713 min): VL041358.D\data.ms (-1)



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



#10

Heptane

Concen: 14.117 ppbv

RT: 7.600 min Scan# 1554

Delta R.T. 0.019 min

Lab File: VL041358.D

Acq: 26 Jun 2024 12:54

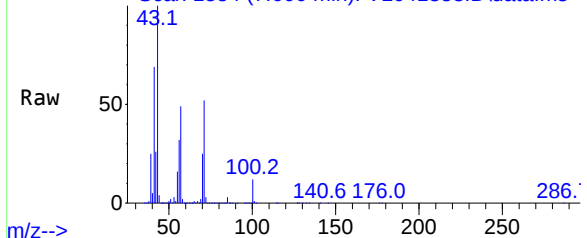
Tgt Ion: 43 Resp: 2056662

Ion Ratio Lower Upper

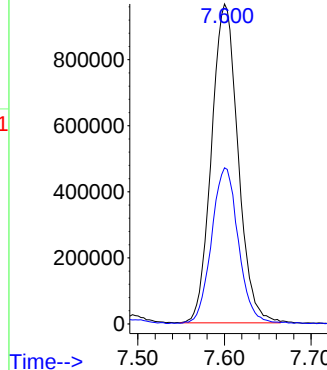
43 100

57 49.9 39.0 58.4

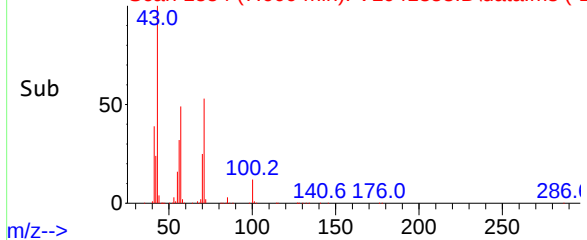
Abundance Scan 1554 (7.600 min): VL041358.D\data.ms

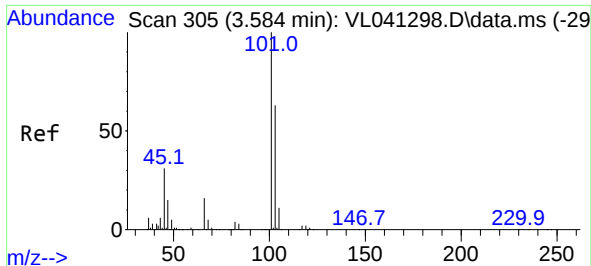


Abundance



Abundance Scan 1554 (7.600 min): VL041358.D\data.ms (-1)





#11

Trichlorofluoromethane

Concen: 14.675 ppbv

RT: 3.581 min Scan# 305

Delta R.T. -0.003 min

Lab File: VL041358.D

Acq: 26 Jun 2024 12:54

Instrument :

MSVOA_L

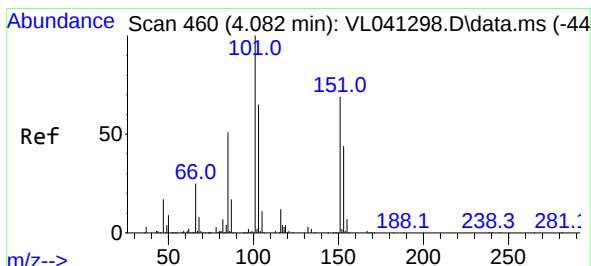
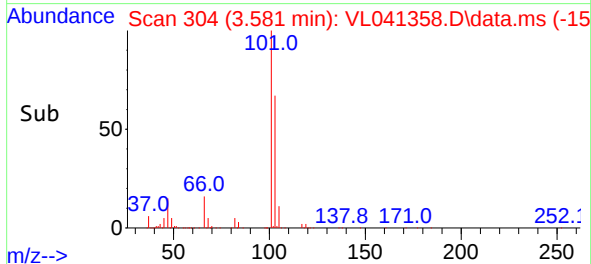
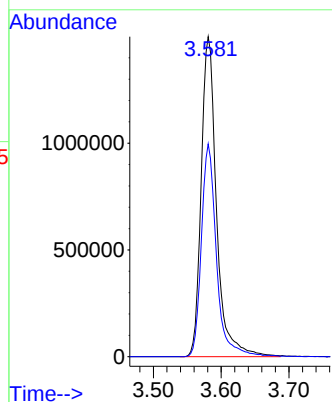
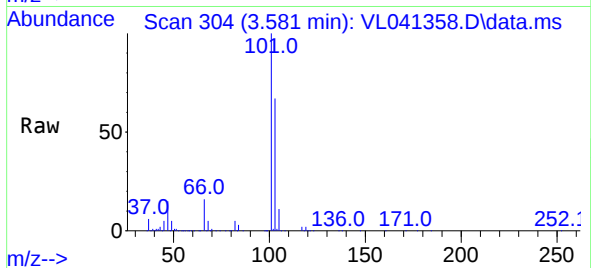
ClientSampleId :

Tgt Ion:101 Resp: 2352388

Ion Ratio Lower Upper

101 100

103 66.5 50.6 76.0



#12

1,1,2-Trichlorotrifluoroethane

Concen: 14.636 ppbv

RT: 4.086 min Scan# 461

Delta R.T. 0.003 min

Lab File: VL041358.D

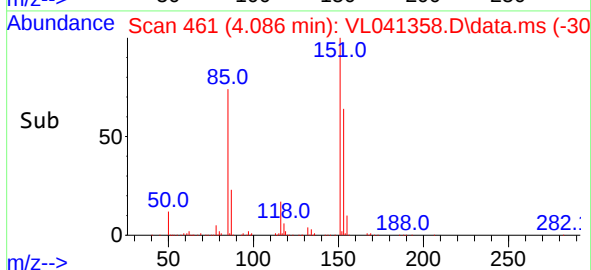
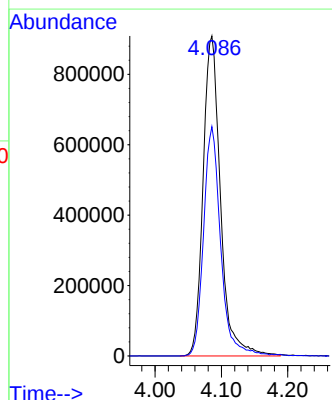
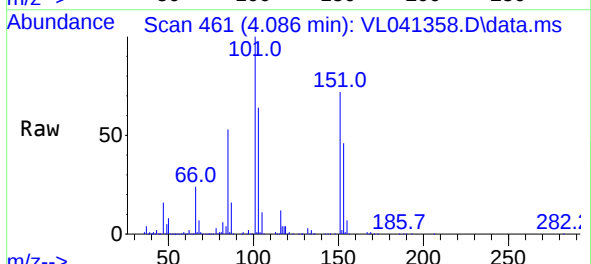
Acq: 26 Jun 2024 12:54

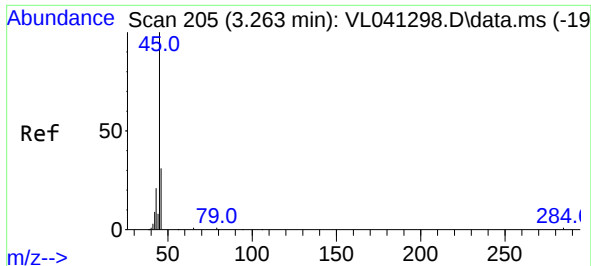
Tgt Ion:101 Resp: 1657245

Ion Ratio Lower Upper

101 100

151 70.8 54.8 82.2

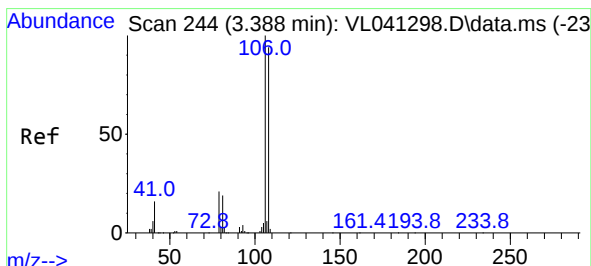
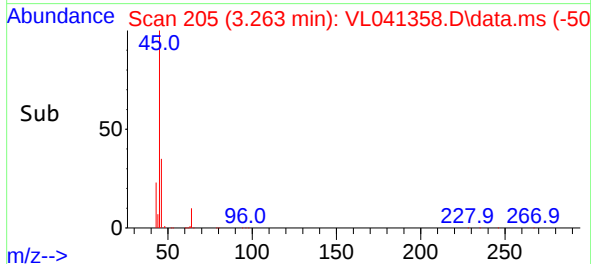
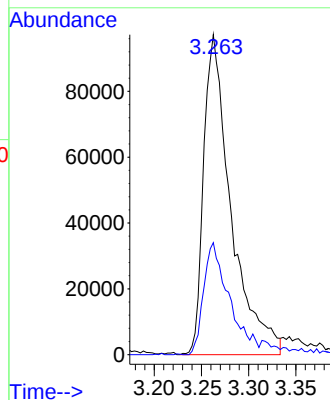
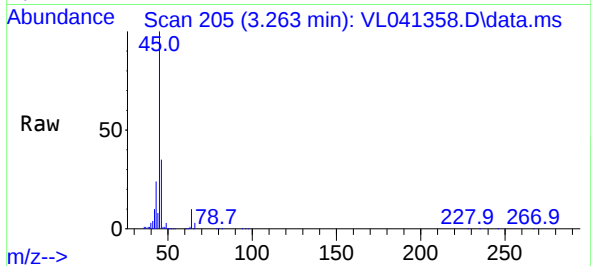




#13
Ethanol
Concen: 12.241 ppbv
RT: 3.263 min Scan# 205
Delta R.T. -0.000 min
Lab File: VL041358.D
Acq: 26 Jun 2024 12:54

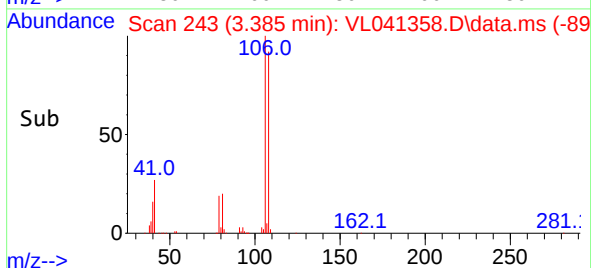
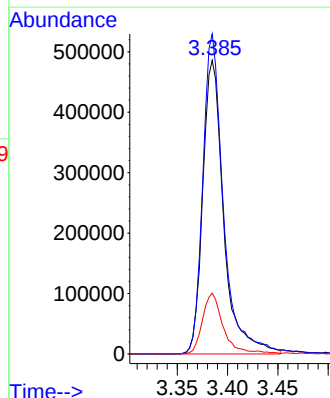
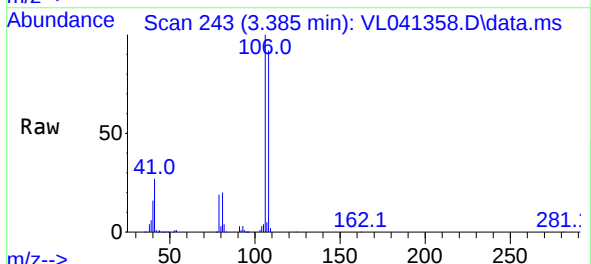
Instrument :
MSVOA_L
ClientSampleId :

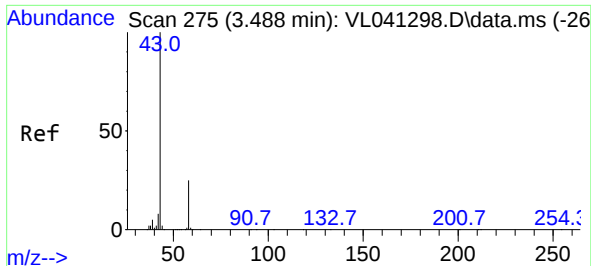
Tgt Ion: 45 Resp: 195750
Ion Ratio Lower Upper
45 100
46 37.4 14.2 56.6



#14
Bromoethene
Concen: 15.424 ppbv
RT: 3.385 min Scan# 243
Delta R.T. -0.003 min
Lab File: VL041358.D
Acq: 26 Jun 2024 12:54

Tgt Ion: 108 Resp: 706815
Ion Ratio Lower Upper
108 100
106 108.3 85.4 128.0
79 21.0 17.8 26.8

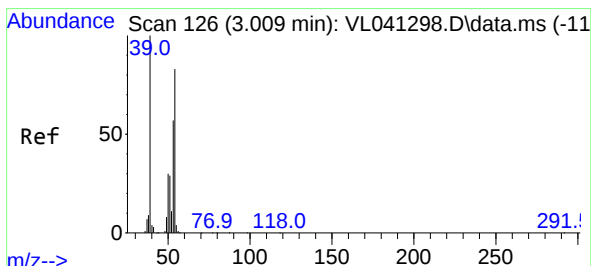
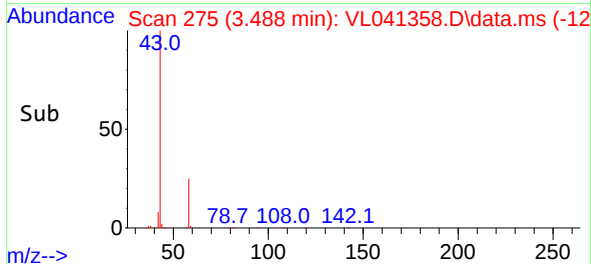
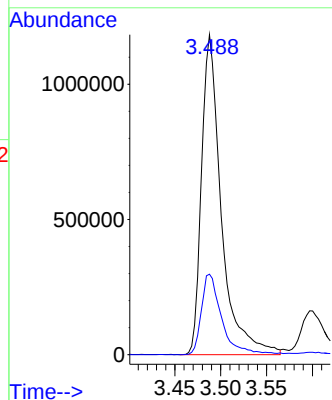
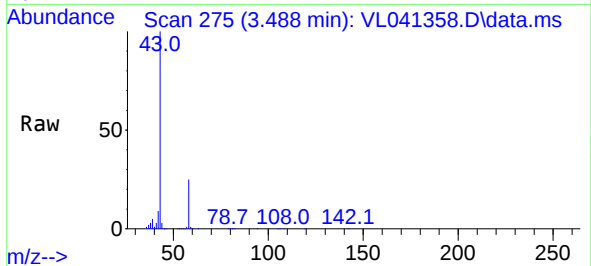




#15
Acetone
Concen: 14.274 ppbv
RT: 3.488 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL041358.D
Acq: 26 Jun 2024 12:54

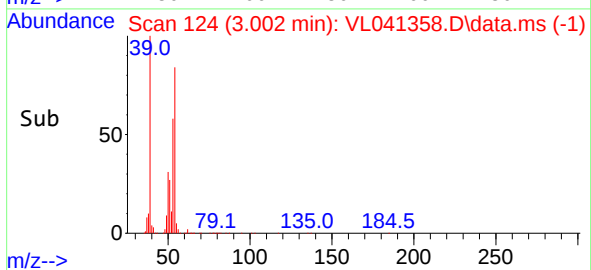
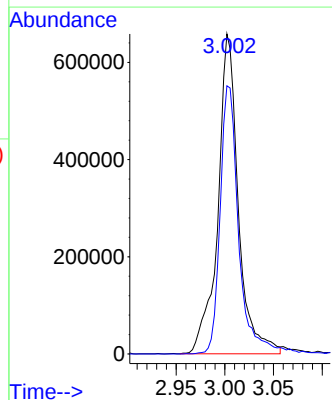
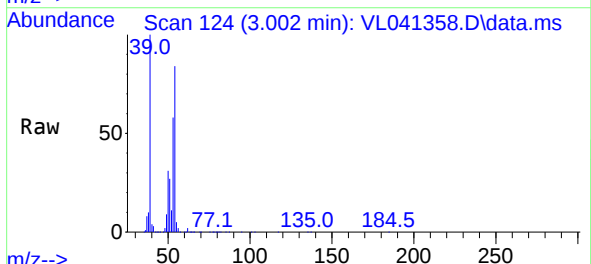
Instrument :
MSVOA_L
ClientSampleId :

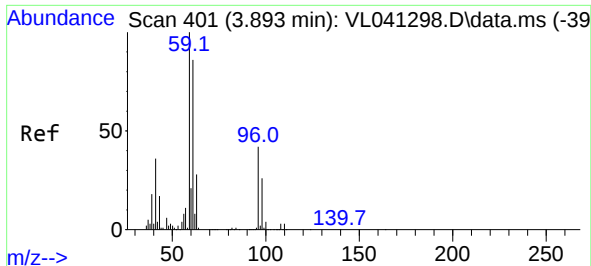
Tgt Ion: 43 Resp: 1779557
Ion Ratio Lower Upper
43 100
58 26.1 20.6 31.0



#16
1,3-Butadiene
Concen: 15.359 ppbv
RT: 3.002 min Scan# 124
Delta R.T. -0.006 min
Lab File: VL041358.D
Acq: 26 Jun 2024 12:54

Tgt Ion: 39 Resp: 962605
Ion Ratio Lower Upper
39 100
54 77.2 60.5 90.7

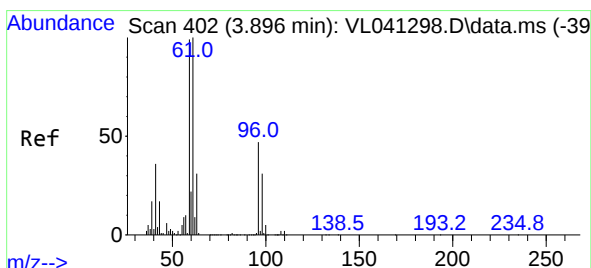
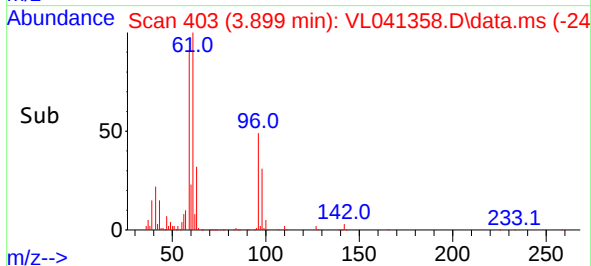
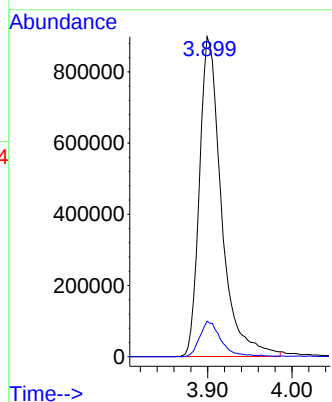
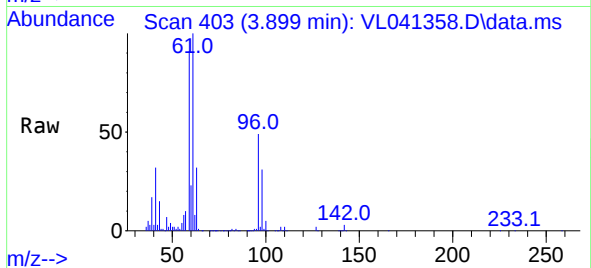




#17
tert-Butyl alcohol
Concen: 14.210 ppbv
RT: 3.899 min Scan# 401
Delta R.T. 0.006 min
Lab File: VL041358.D
Acq: 26 Jun 2024 12:54

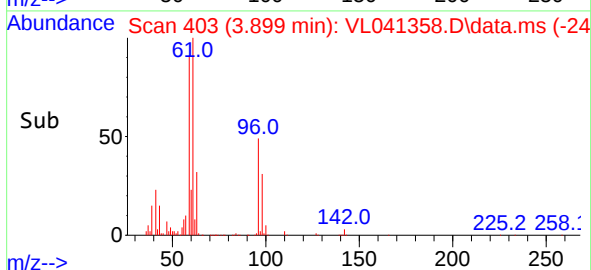
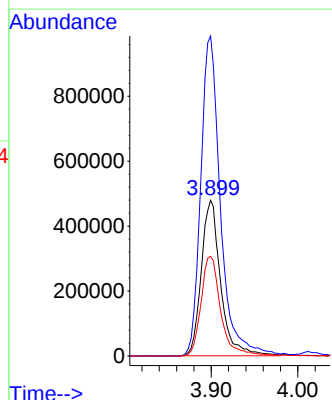
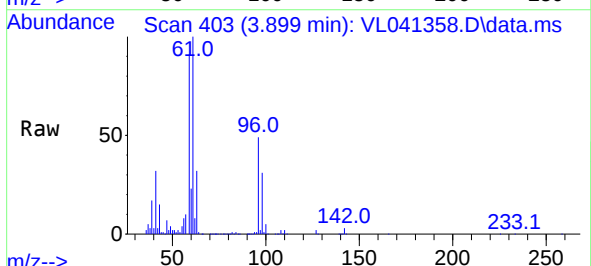
Instrument :
MSVOA_L
ClientSampleId :

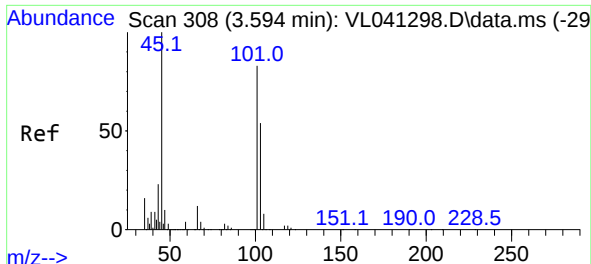
Tgt Ion: 59 Resp: 1631125
Ion Ratio Lower Upper
59 100
57 11.0 9.0 13.4



#18
1,1-Dichloroethene
Concen: 15.450 ppbv
RT: 3.899 min Scan# 403
Delta R.T. 0.003 min
Lab File: VL041358.D
Acq: 26 Jun 2024 12:54

Tgt Ion: 96 Resp: 746236
Ion Ratio Lower Upper
96 100
61 205.6 171.8 257.8
98 64.1 53.1 79.7

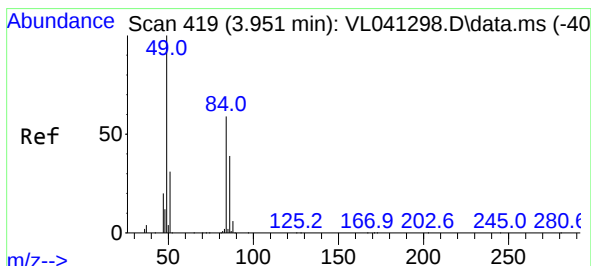
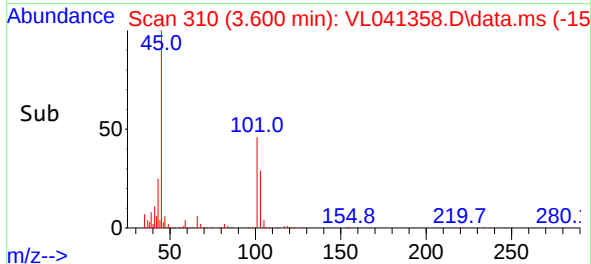
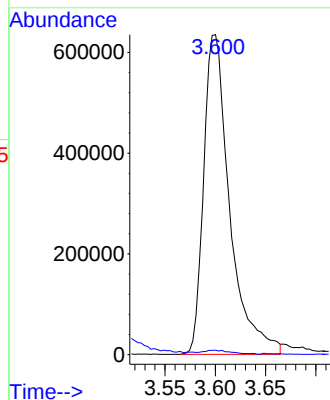
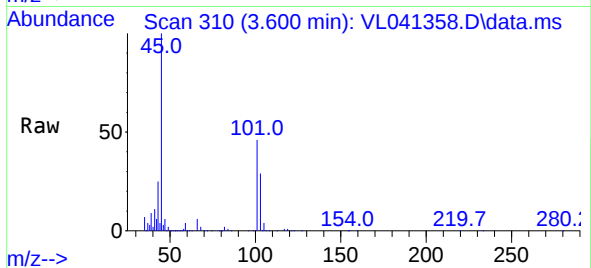




#19
Isopropyl Alcohol
Concen: 14.593 ppbv
RT: 3.600 min Scan# 310
Delta R.T. 0.006 min
Lab File: VL041358.D
Acq: 26 Jun 2024 12:54

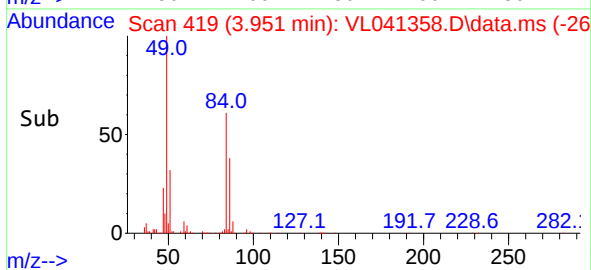
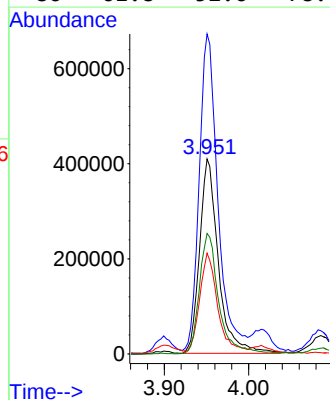
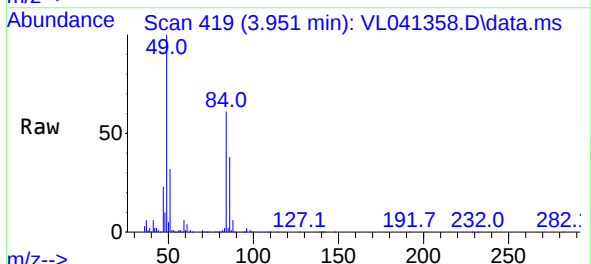
Instrument :
MSVOA_L
ClientSampleId :

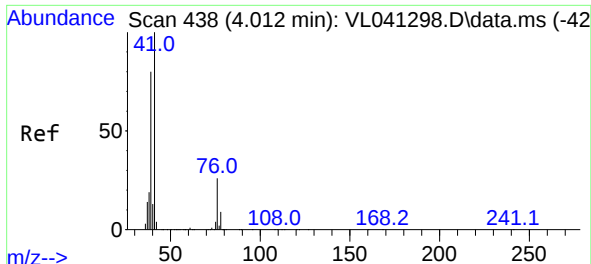
Tgt Ion: 45 Resp: 1143062
Ion Ratio Lower Upper
45 100
58 1.7 1.4 2.2



#20
Methylene Chloride
Concen: 14.054 ppbv
RT: 3.951 min Scan# 419
Delta R.T. -0.000 min
Lab File: VL041358.D
Acq: 26 Jun 2024 12:54

Tgt Ion: 84 Resp: 636847
Ion Ratio Lower Upper
84 100
49 162.8 136.2 204.2
51 50.8 41.9 62.9
86 61.8 52.6 78.8





#21

Allyl Chloride

Concen: 14.971 ppbv

RT: 4.015 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL041358.D

Acq: 26 Jun 2024 12:54

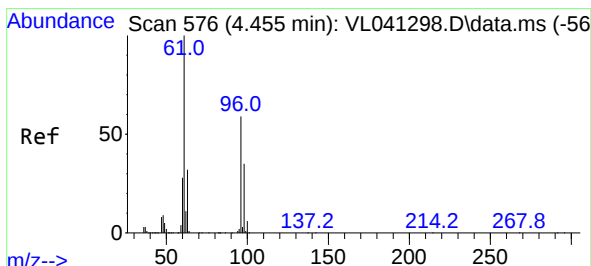
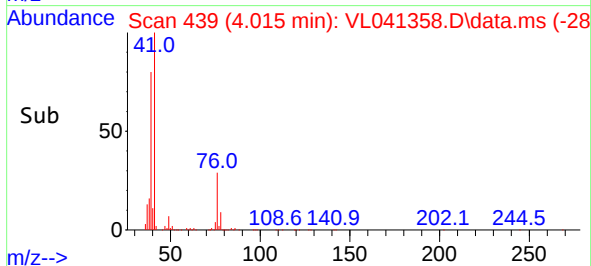
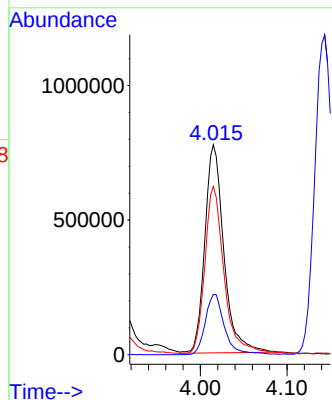
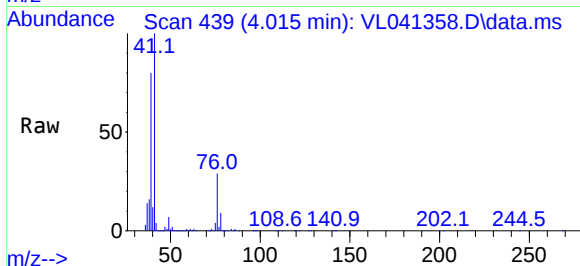
Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 41 Resp: 1182505

Ion	Ratio	Lower	Upper
41	100		
76	29.1	22.3	33.5
39	82.2	66.3	99.5



#22

trans-1,2-Dichloroethene

Concen: 15.183 ppbv

RT: 4.465 min Scan# 579

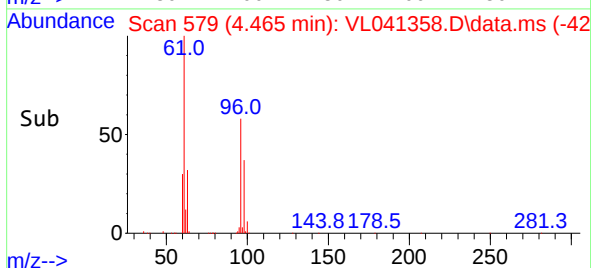
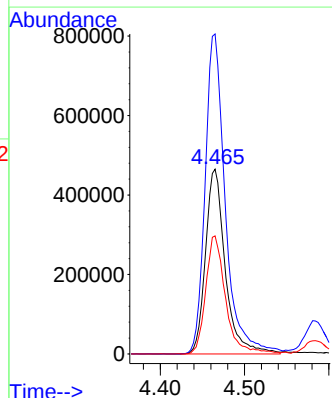
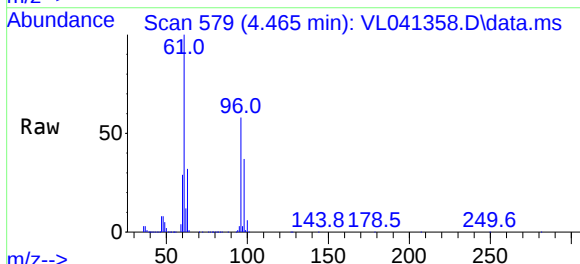
Delta R.T. 0.010 min

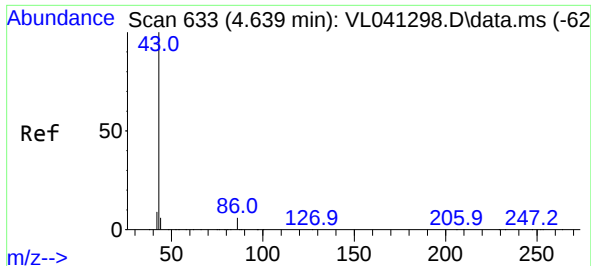
Lab File: VL041358.D

Acq: 26 Jun 2024 12:54

Tgt Ion: 96 Resp: 764265

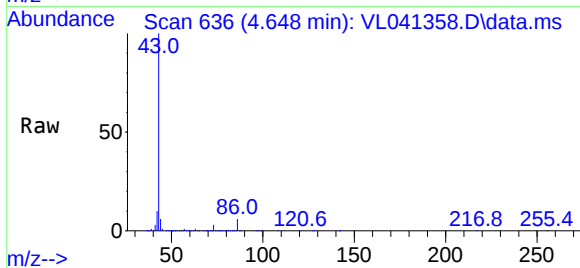
Ion	Ratio	Lower	Upper
96	100		
61	173.2	135.5	203.3
98	63.8	47.6	71.4





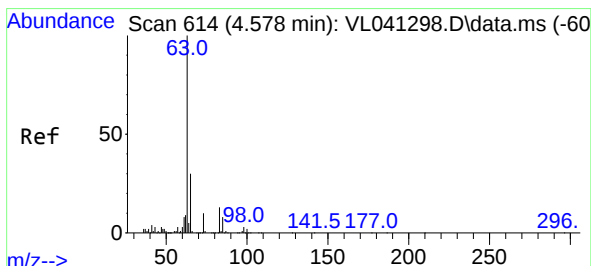
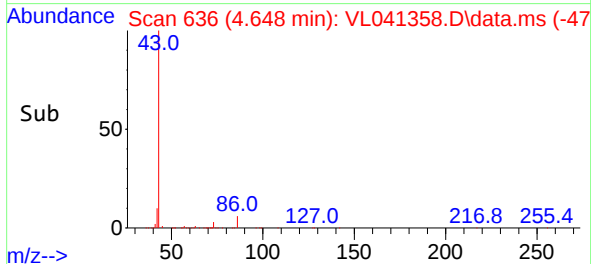
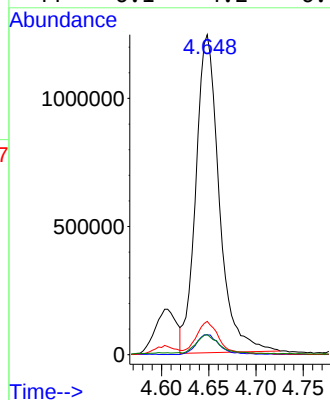
#23
Vinyl Acetate
Concen: 16.715 ppbv
RT: 4.648 min Scan# 616
Delta R.T. 0.010 min
Lab File: VL041358.D
Acq: 26 Jun 2024 12:54

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion: 43 Resp: 2131286

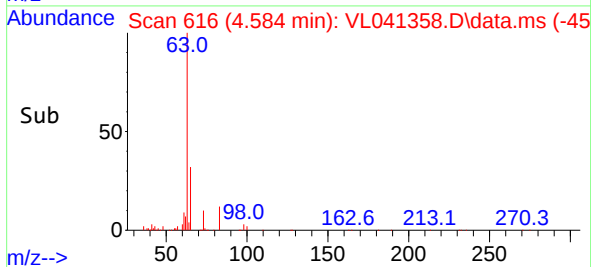
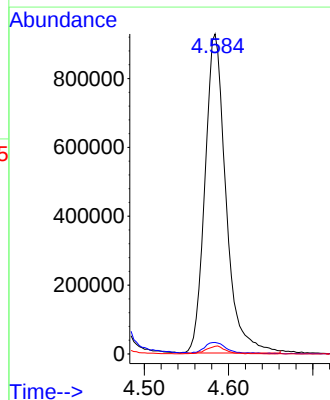
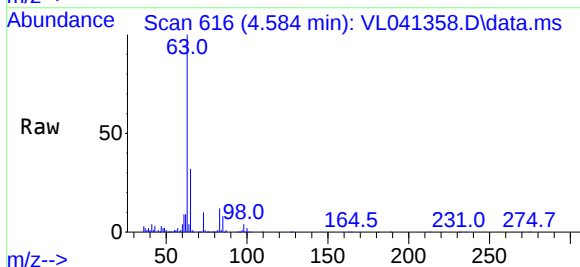
Ion	Ratio	Lower	Upper
43	100		
86	6.2	4.7	7.1
42	10.3	8.0	12.0
44	6.1	4.2	6.4

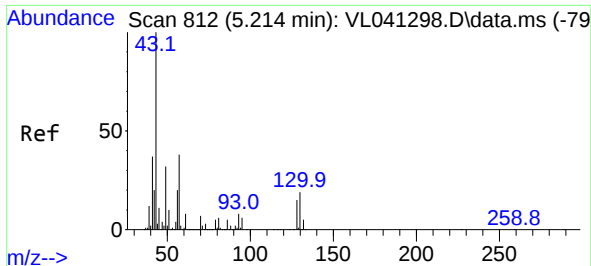


#24
1,1-Dichloroethane
Concen: 14.329 ppbv
RT: 4.584 min Scan# 616
Delta R.T. 0.006 min
Lab File: VL041358.D
Acq: 26 Jun 2024 12:54

Tgt Ion: 63 Resp: 1607285

Ion	Ratio	Lower	Upper
63	100		
98	3.4	1.9	5.7
100	2.4	1.1	3.5



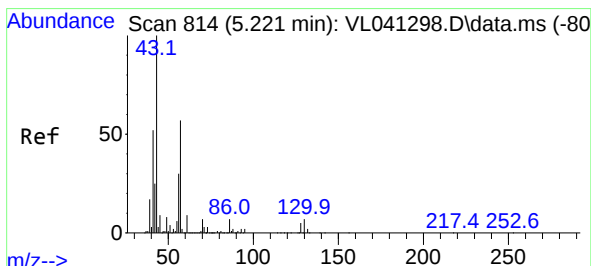
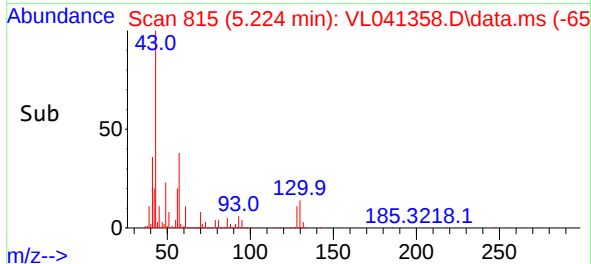
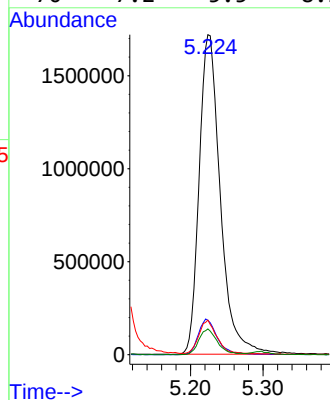
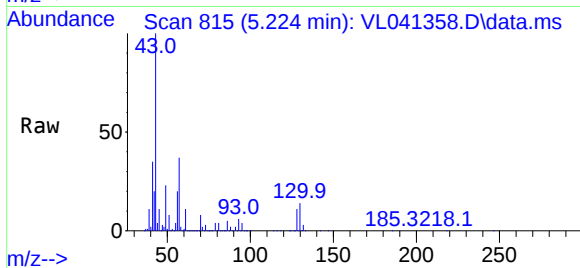


#25
Ethyl Acetate
Concen: 14.107 ppbv
RT: 5.224 min Scan# 815
Delta R.T. 0.010 min
Lab File: VL041358.D
Acq: 26 Jun 2024 12:54

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 3479358

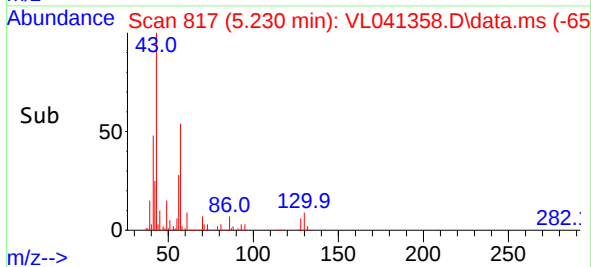
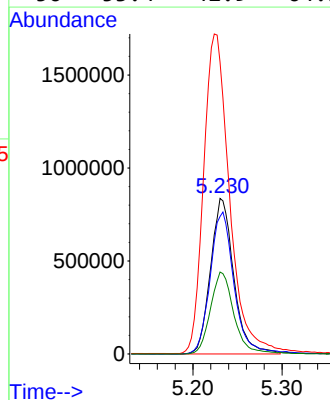
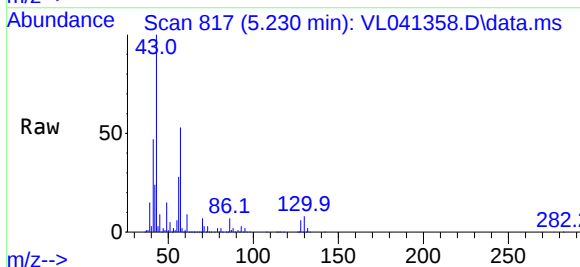
Ion	Ratio	Lower	Upper
43	100		
45	10.2	8.1	12.1
61	9.9	7.4	11.0
70	7.2	5.5	8.3

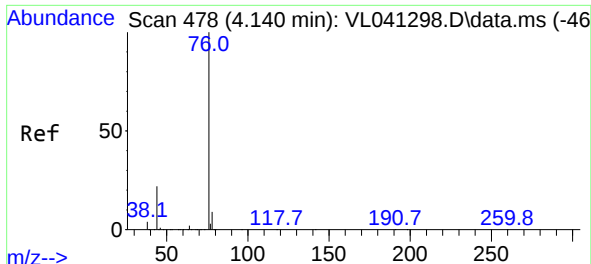


#26
Hexane
Concen: 13.648 ppbv
RT: 5.230 min Scan# 817
Delta R.T. 0.010 min
Lab File: VL041358.D
Acq: 26 Jun 2024 12:54

Tgt Ion: 57 Resp: 1513859

Ion	Ratio	Lower	Upper
57	100		
41	94.7	77.1	115.7
43	231.1	186.1	279.1
56	53.4	42.9	64.3

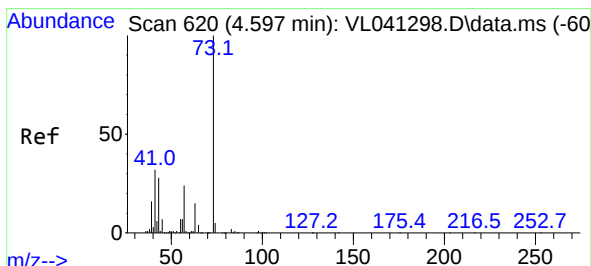
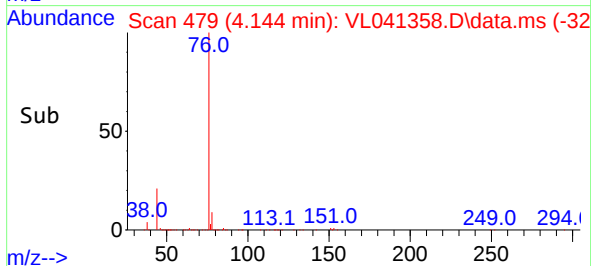
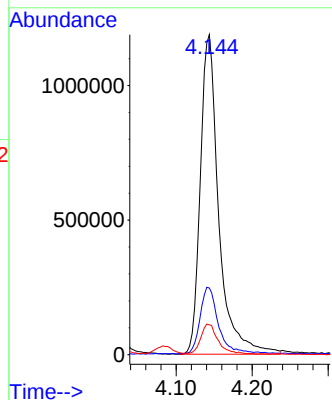
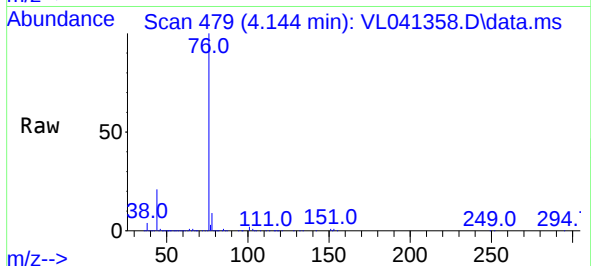




#27
Carbon Disulfide
Concen: 16.272 ppbv
RT: 4.144 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL041358.D
Acq: 26 Jun 2024 12:54

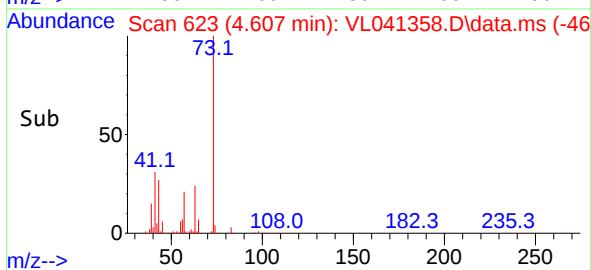
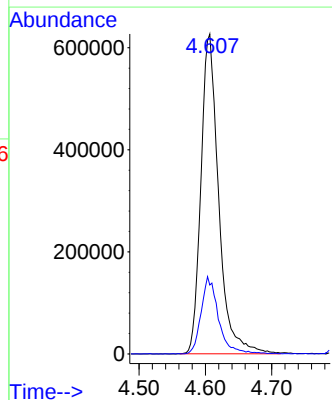
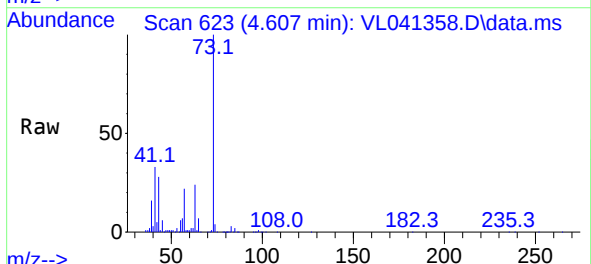
Instrument :
MSVOA_L
ClientSampleId :

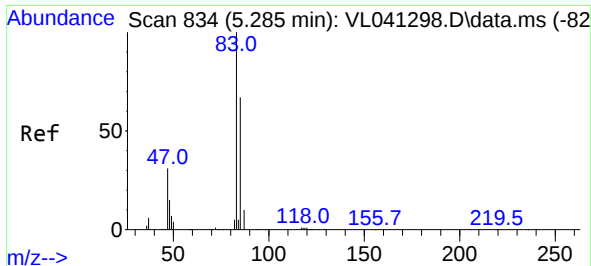
Tgt Ion: 76 Resp: 1999199
Ion Ratio Lower Upper
76 100
44 21.1 17.7 26.5
78 9.7 7.8 11.6



#28
Methyl tert-Butyl Ether
Concen: 14.165 ppbv
RT: 4.607 min Scan# 623
Delta R.T. 0.010 min
Lab File: VL041358.D
Acq: 26 Jun 2024 12:54

Tgt Ion: 73 Resp: 1164469
Ion Ratio Lower Upper
73 100
57 23.8 19.2 28.8





#29

Chloroform

Concen: 13.971 ppbv

RT: 5.298 min Scan# 81

Delta R.T. 0.013 min

Lab File: VL041358.D

Acq: 26 Jun 2024 12:54

Instrument :

MSVOA_L

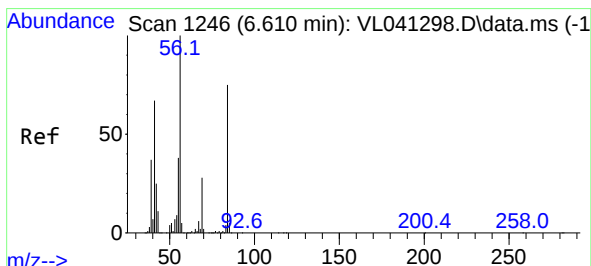
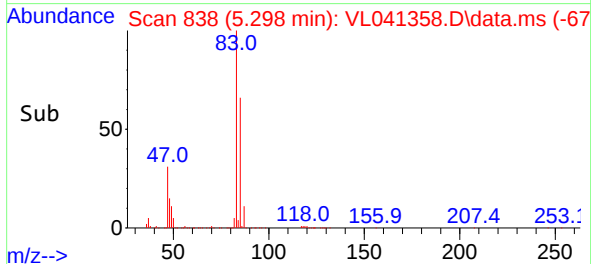
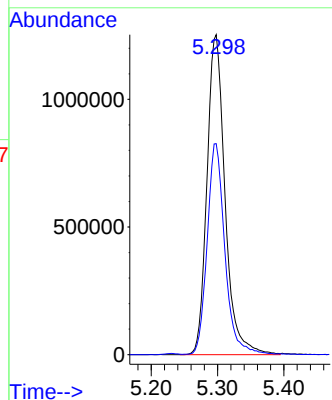
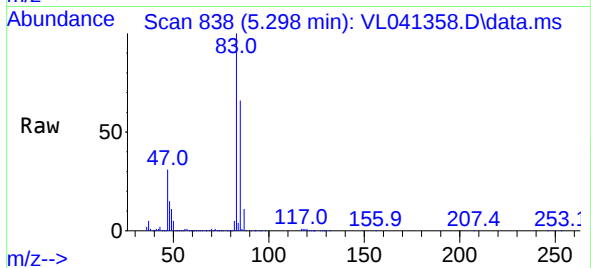
ClientSampleId :

Tgt Ion: 83 Resp: 2377541

Ion Ratio Lower Upper

83 100

85 65.8 53.3 79.9



#30

Cyclohexane

Concen: 14.412 ppbv

RT: 6.619 min Scan# 1249

Delta R.T. 0.010 min

Lab File: VL041358.D

Acq: 26 Jun 2024 12:54

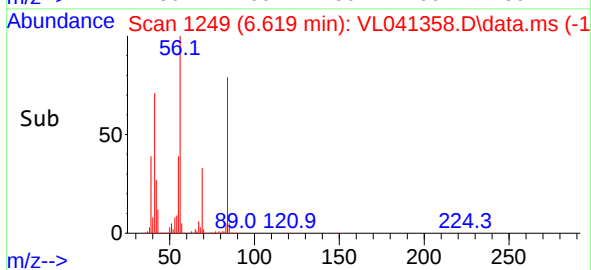
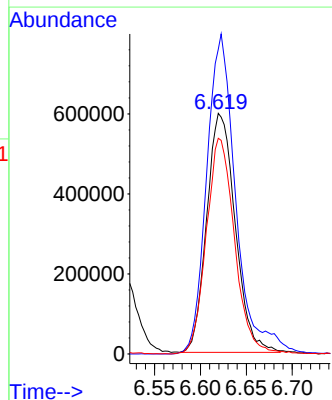
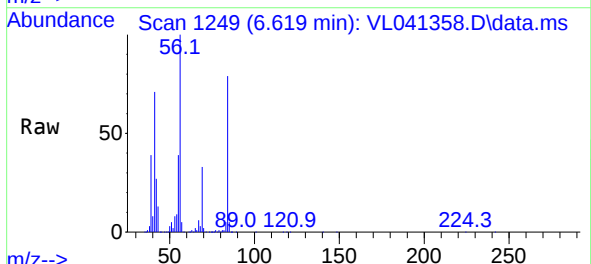
Tgt Ion: 84 Resp: 1295710

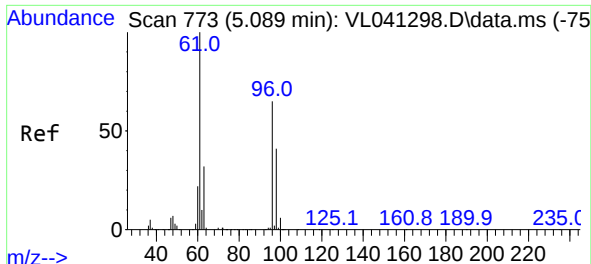
Ion Ratio Lower Upper

84 100

56 137.2 114.9 172.3

41 89.2 74.4 111.6

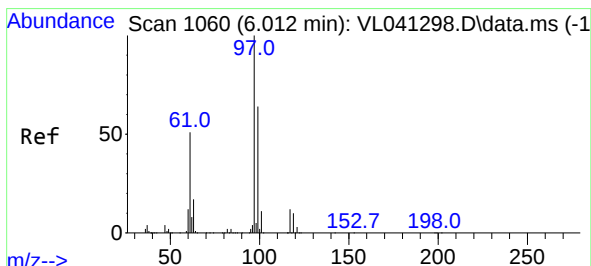
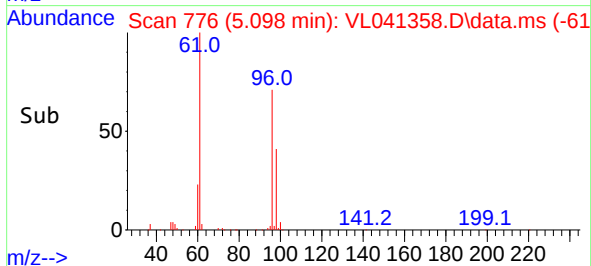
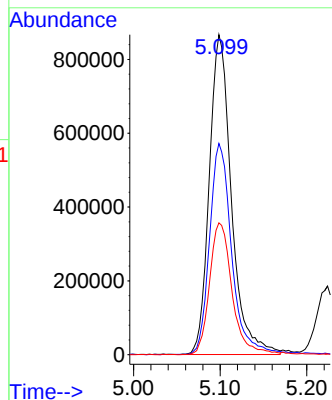
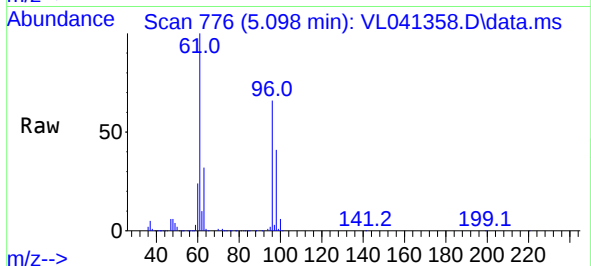




#31
cis-1,2-Dichloroethene
Concen: 14.686 ppbv
RT: 5.098 min Scan# 71
Delta R.T. 0.010 min
Lab File: VL041358.D
Acq: 26 Jun 2024 12:54

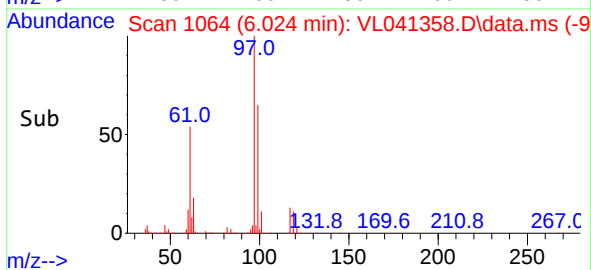
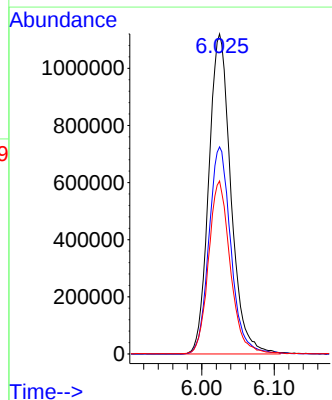
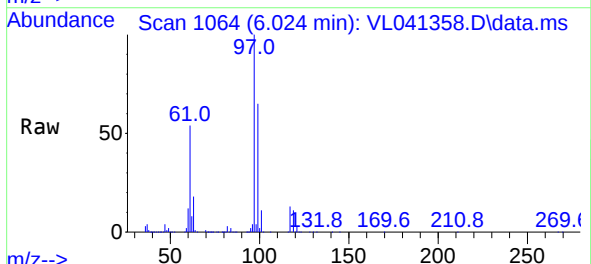
Instrument :
MSVOA_L
ClientSampleId :

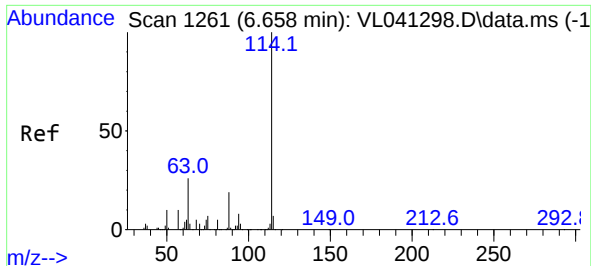
Tgt Ion: 61 Resp: 1539281
Ion Ratio Lower Upper
61 100
96 66.0 52.1 78.1
98 41.2 33.1 49.7



#32
1,1,1-Trichloroethane
Concen: 14.727 ppbv
RT: 6.024 min Scan# 1064
Delta R.T. 0.013 min
Lab File: VL041358.D
Acq: 26 Jun 2024 12:54

Tgt Ion: 97 Resp: 2374020
Ion Ratio Lower Upper
97 100
99 64.6 51.9 77.9
61 53.2 42.9 64.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.677 min Scan# 11

Delta R.T. 0.019 min

Lab File: VL041358.D

Acq: 26 Jun 2024 12:54

Instrument :

MSVOA_L

ClientSampleId :

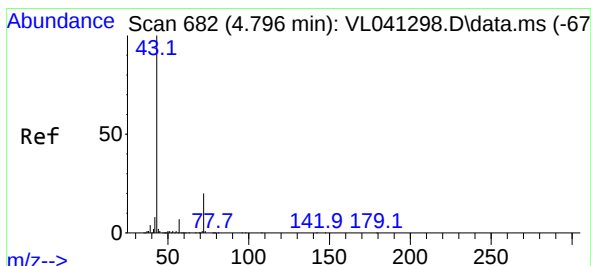
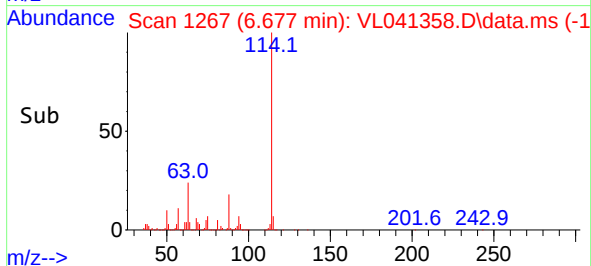
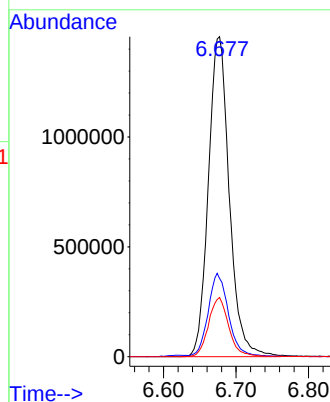
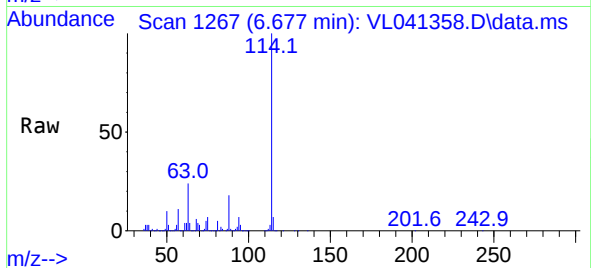
Tgt Ion:114 Resp: 2918960

Ion Ratio Lower Upper

114 100

63 25.9 20.6 30.8

88 18.0 14.5 21.7



#34

2-Butanone

Concen: 15.265 ppbv

RT: 4.806 min Scan# 685

Delta R.T. 0.010 min

Lab File: VL041358.D

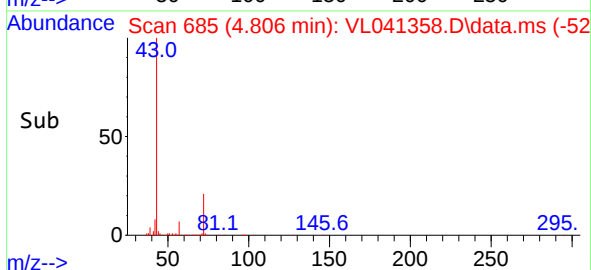
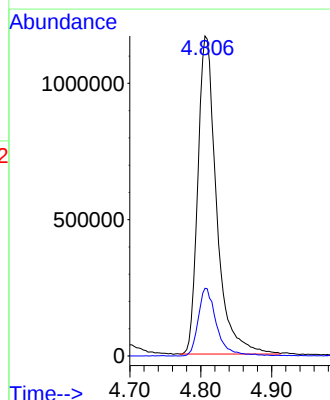
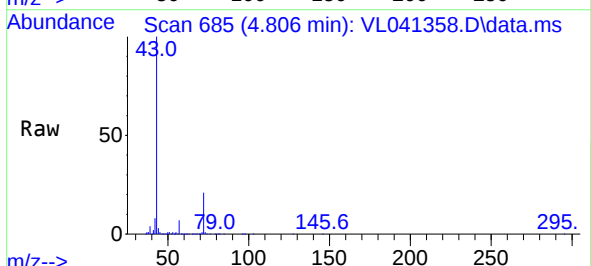
Acq: 26 Jun 2024 12:54

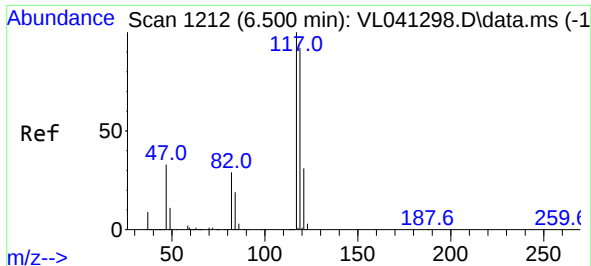
Tgt Ion: 43 Resp: 2134687

Ion Ratio Lower Upper

43 100

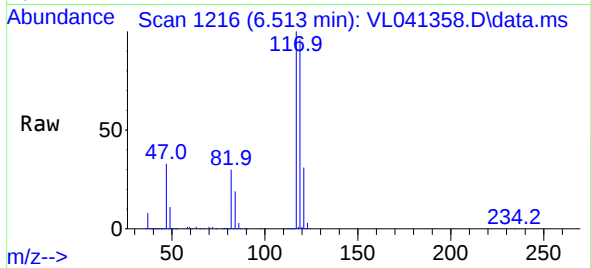
72 21.2 17.4 26.0





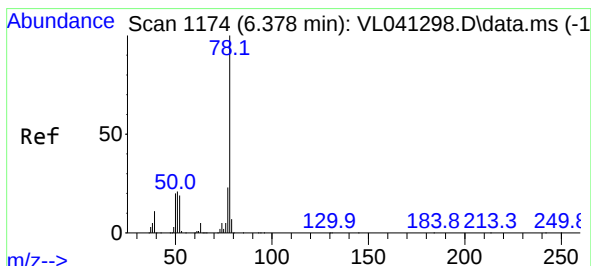
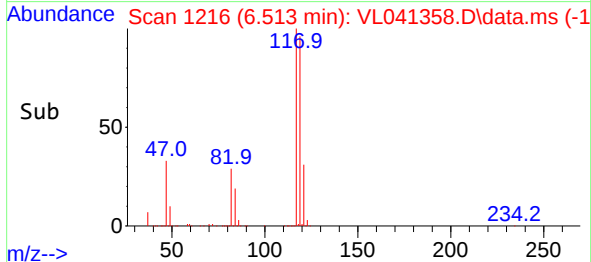
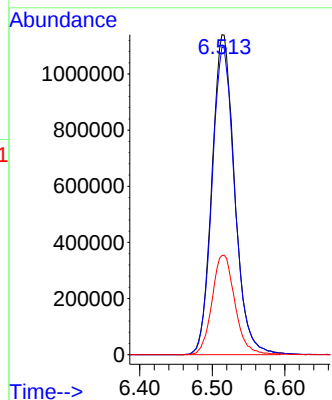
#35
Carbon Tetrachloride
Concen: 14.931 ppbv
RT: 6.513 min Scan# 1179
Delta R.T. 0.013 min
Lab File: VL041358.D
Acq: 26 Jun 2024 12:54

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion:117 Resp: 2477107

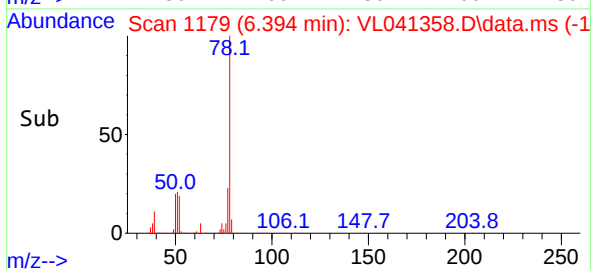
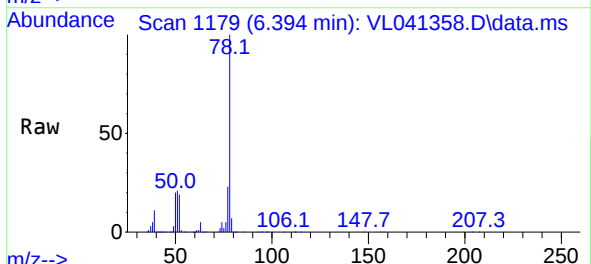
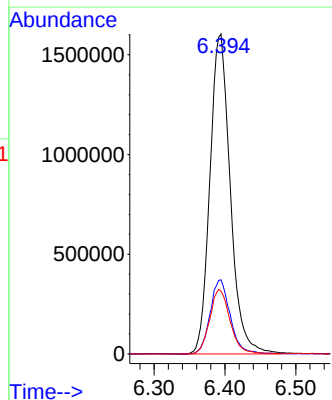
Ion	Ratio	Lower	Upper
117	100		
119	96.2	74.0	111.0
121	31.0	24.8	37.2

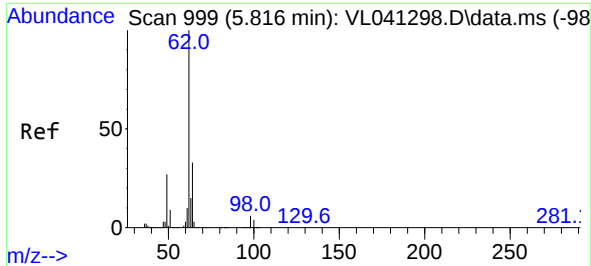


#36
Benzene
Concen: 14.165 ppbv
RT: 6.394 min Scan# 1179
Delta R.T. 0.016 min
Lab File: VL041358.D
Acq: 26 Jun 2024 12:54

Tgt Ion: 78 Resp: 3204795

Ion	Ratio	Lower	Upper
78	100		
77	23.2	18.6	28.0
50	19.6	16.0	24.0

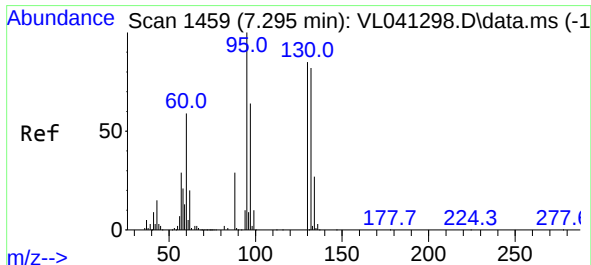
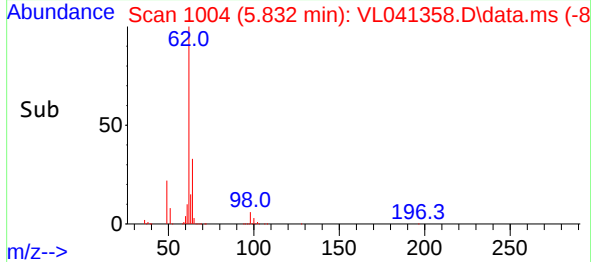
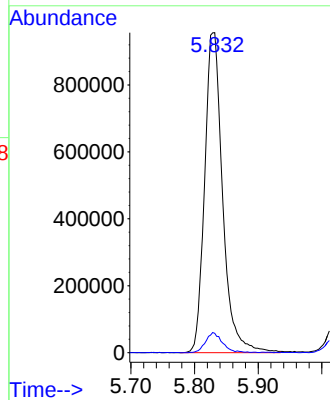
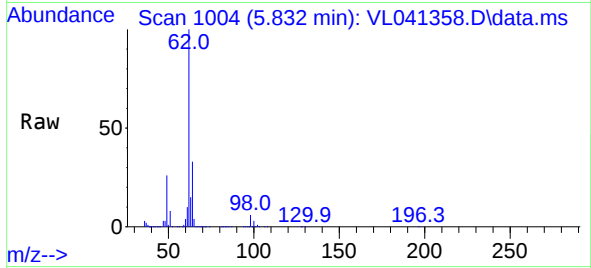




#37
1,2-Dichloroethane
Concen: 14.266 ppbv
RT: 5.832 min Scan# 1004
Delta R.T. 0.016 min
Lab File: VL041358.D
Acq: 26 Jun 2024 12:54

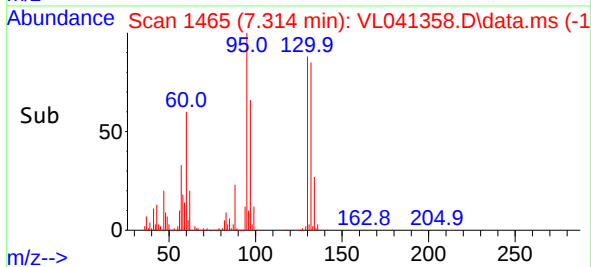
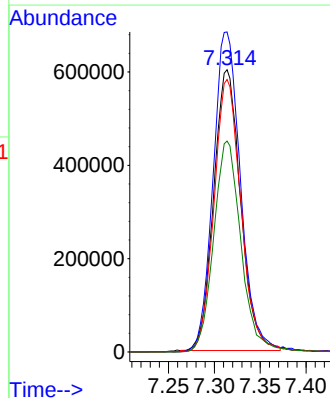
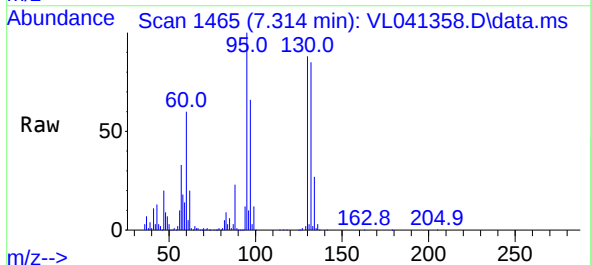
Instrument :
MSVOA_L
ClientSampleId :

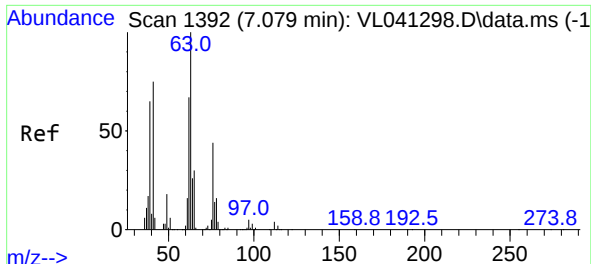
Tgt Ion: 62 Resp: 1881726
Ion Ratio Lower Upper
62 100
98 5.9 4.8 7.2



#38
Trichloroethene
Concen: 13.433 ppbv
RT: 7.314 min Scan# 1465
Delta R.T. 0.019 min
Lab File: VL041358.D
Acq: 26 Jun 2024 12:54

Tgt Ion:130 Resp: 1231679
Ion Ratio Lower Upper
130 100
95 113.9 94.0 141.0
132 96.9 76.7 115.1
97 75.0 59.8 89.8





#39

1,2-Dichloropropane

Concen: 13.783 ppbv

RT: 7.095 min Scan# 11

Delta R.T. 0.016 min

Lab File: VL041358.D

Acq: 26 Jun 2024 12:54

Instrument :

MSVOA_L

ClientSampleId :

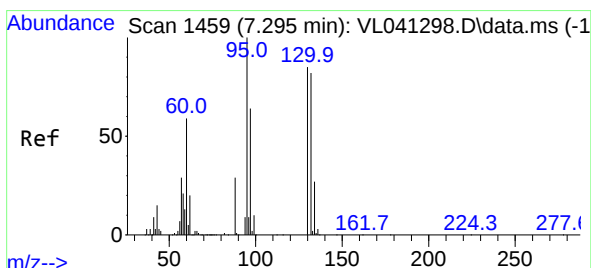
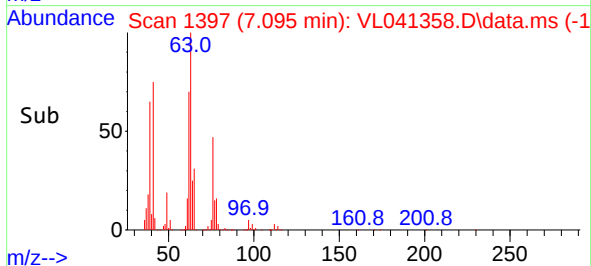
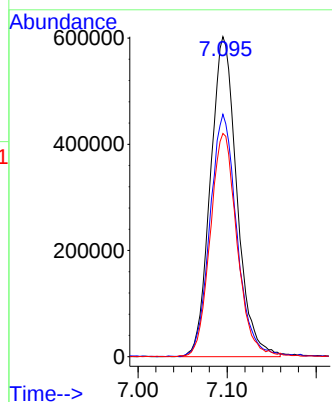
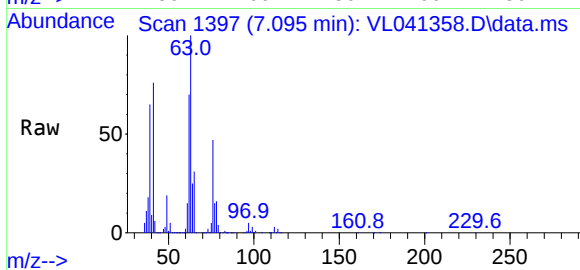
Tgt Ion: 63 Resp: 1241698

Ion Ratio Lower Upper

63 100

41 75.7 59.9 89.9

62 69.4 53.8 80.6



#40

1,4-Dioxane

Concen: 12.073 ppbv

RT: 7.304 min Scan# 1462

Delta R.T. 0.009 min

Lab File: VL041358.D

Acq: 26 Jun 2024 12:54

Tgt Ion: 88 Resp: 398340

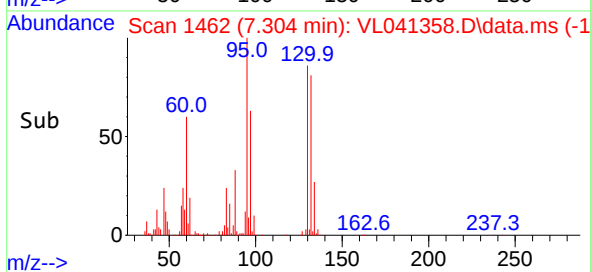
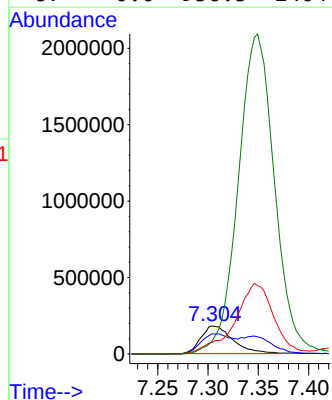
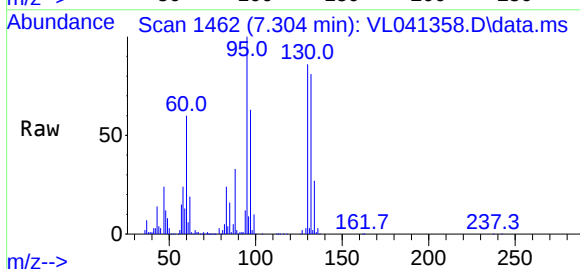
Ion Ratio Lower Upper

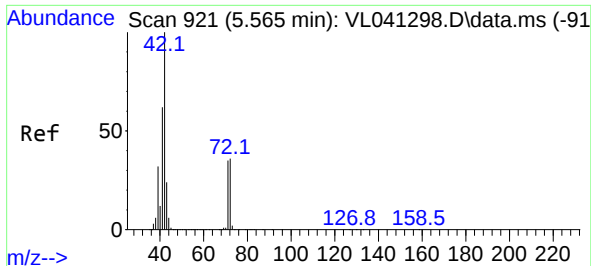
88 100

58 69.0 107.5 161.3#

43 0.0 221.8 332.6#

57 0.0 936.3 1404.5#

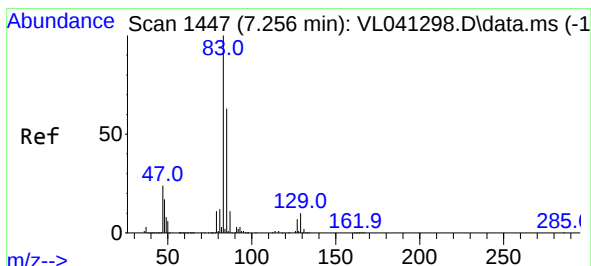
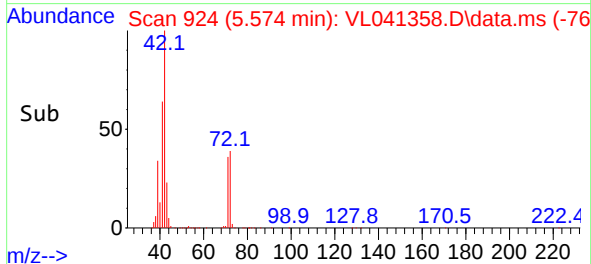
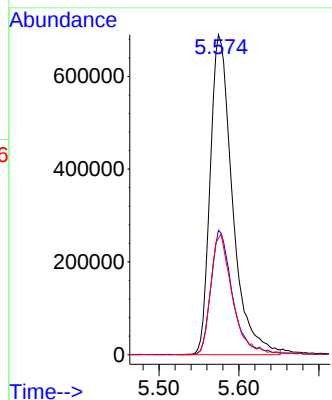
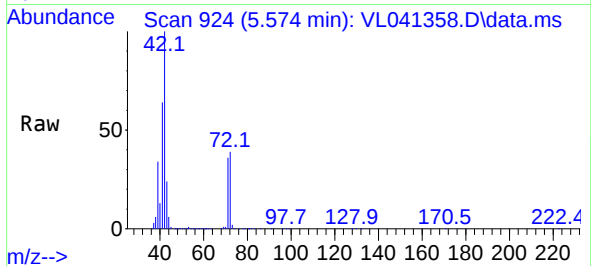




#41
Tetrahydrofuran
Concen: 14.645 ppbv
RT: 5.574 min Scan# 91
Delta R.T. 0.010 min
Lab File: VL041358.D
Acq: 26 Jun 2024 12:54

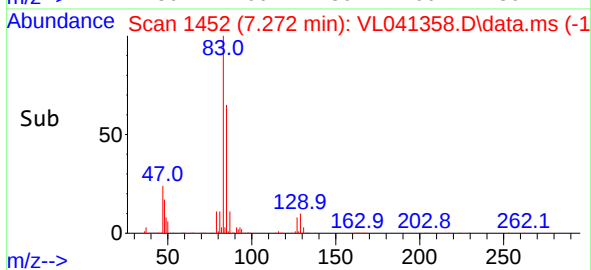
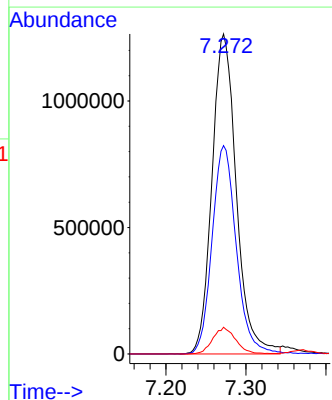
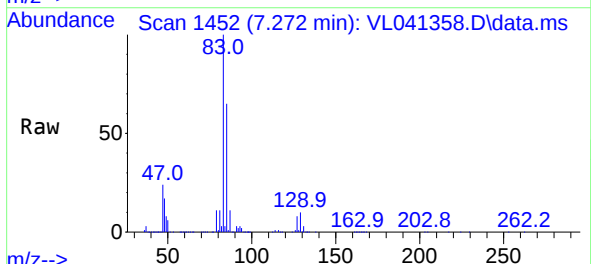
Instrument :
MSVOA_L
ClientSampleId :

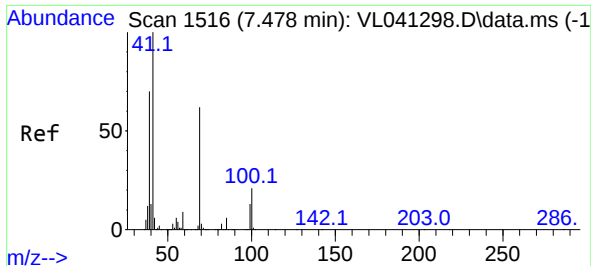
Tgt Ion: 42 Resp: 1332547
Ion Ratio Lower Upper
42 100
72 38.1 30.2 45.4
71 37.2 30.3 45.5



#42
Bromodichloromethane
Concen: 14.130 ppbv
RT: 7.272 min Scan# 1452
Delta R.T. 0.016 min
Lab File: VL041358.D
Acq: 26 Jun 2024 12:54

Tgt Ion: 83 Resp: 2676894
Ion Ratio Lower Upper
83 100
85 65.1 50.6 75.8
127 8.4 5.6 8.4



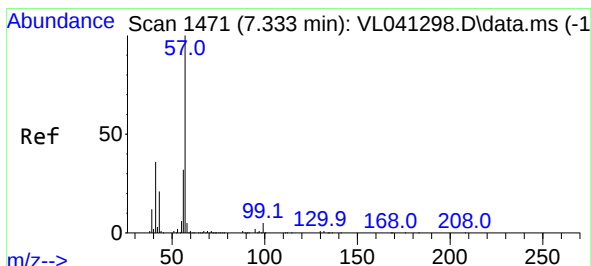
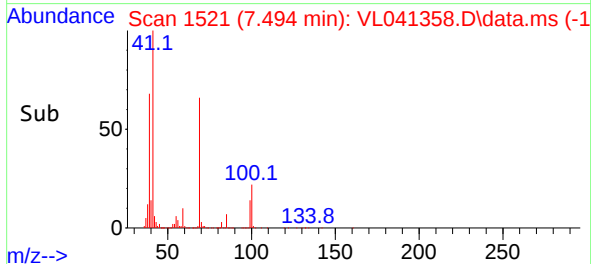
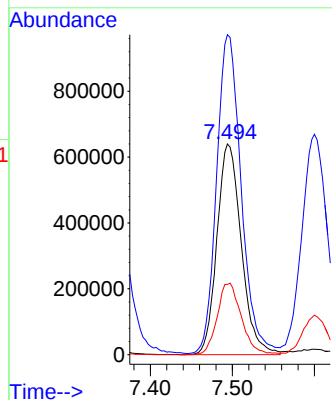
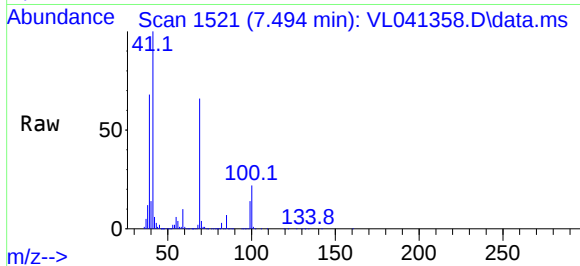


#43
Methyl Methacrylate
Concen: 15.301 ppbv
RT: 7.494 min Scan# 11
Delta R.T. 0.016 min
Lab File: VL041358.D
Acq: 26 Jun 2024 12:54

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 69 Resp: 1319049

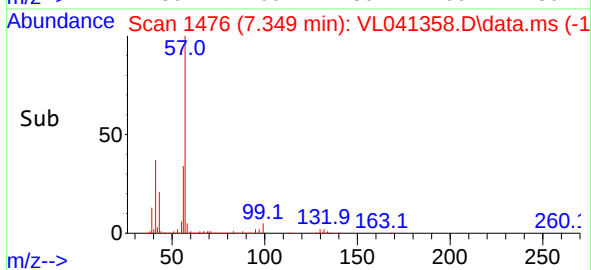
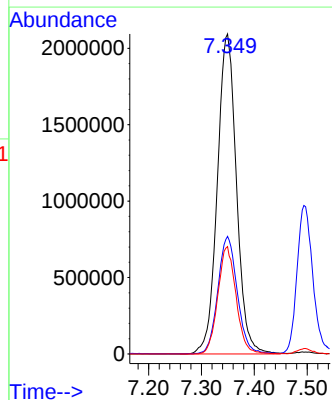
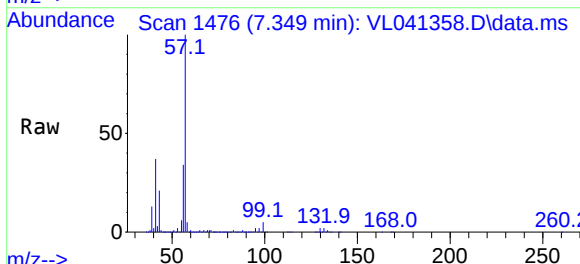
Ion	Ratio	Lower	Upper
69	100		
41	153.6	125.8	188.6
100	33.8	27.0	40.6

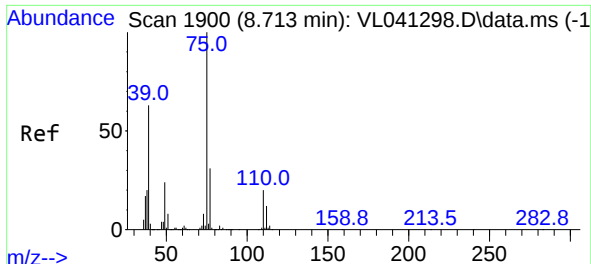


#44
2,2,4-Trimethylpentane
Concen: 13.570 ppbv
RT: 7.349 min Scan# 1476
Delta R.T. 0.016 min
Lab File: VL041358.D
Acq: 26 Jun 2024 12:54

Tgt Ion: 57 Resp: 5280128

Ion	Ratio	Lower	Upper
57	100		
41	37.2	29.4	44.2
56	32.0	25.0	37.4





#45

t-1,3-Dichloropropene

Concen: 16.150 ppbv

RT: 8.735 min Scan# 1900

Delta R.T. 0.022 min

Lab File: VL041358.D

Acq: 26 Jun 2024 12:54

Instrument :

MSVOA_L

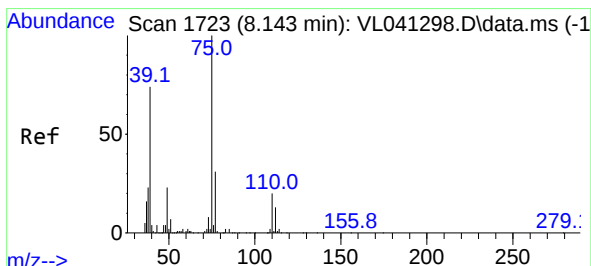
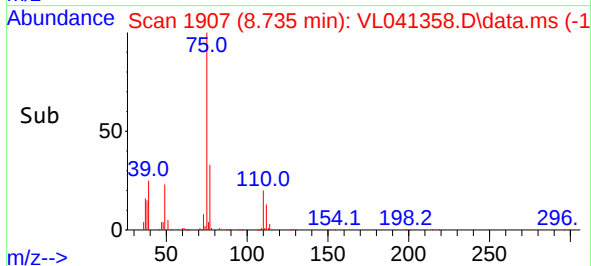
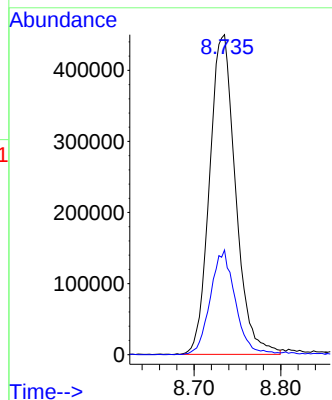
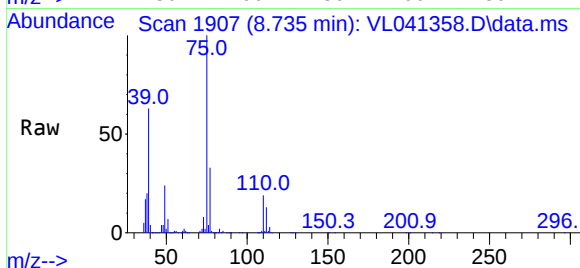
ClientSampleId :

Tgt Ion: 75 Resp: 939432

Ion Ratio Lower Upper

75 100

77 32.7 24.7 37.1



#46

cis-1,3-Dichloropropene

Concen: 15.221 ppbv

RT: 8.166 min Scan# 1730

Delta R.T. 0.022 min

Lab File: VL041358.D

Acq: 26 Jun 2024 12:54

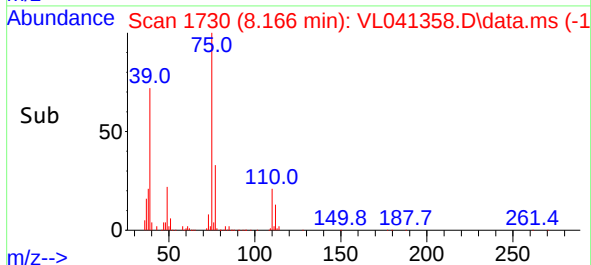
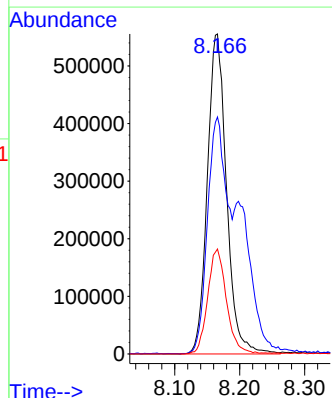
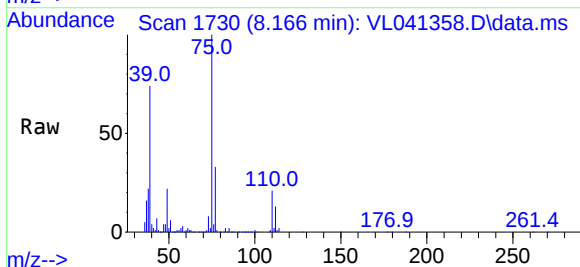
Tgt Ion: 75 Resp: 1139732

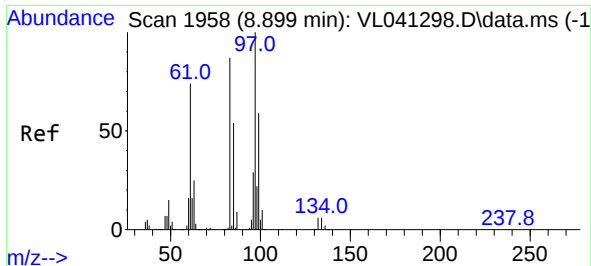
Ion Ratio Lower Upper

75 100

39 74.1 59.2 88.8

77 32.8 25.0 37.6





#47

1,1,2-Trichloroethane

Concen: 14.107 ppbv

RT: 8.922 min Scan# 1958

Delta R.T. 0.022 min

Lab File: VL041358.D

Acq: 26 Jun 2024 12:54

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 97 Resp: 1328142

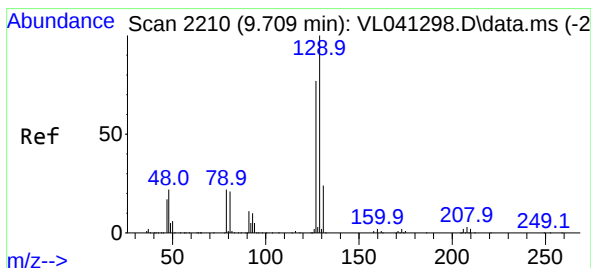
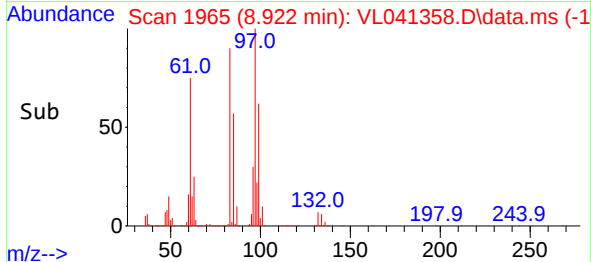
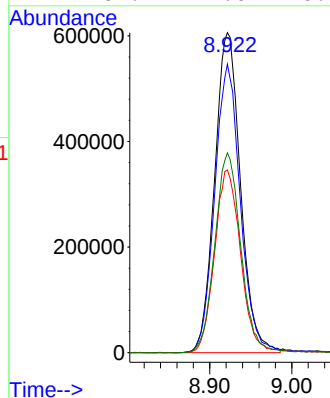
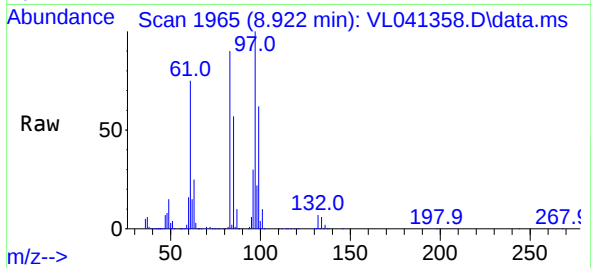
Ion Ratio Lower Upper

97 100

83 90.1 69.7 104.5

85 57.1 43.1 64.7

99 62.4 47.0 70.6



#48

Dibromochloromethane

Concen: 14.674 ppbv

RT: 9.732 min Scan# 2217

Delta R.T. 0.022 min

Lab File: VL041358.D

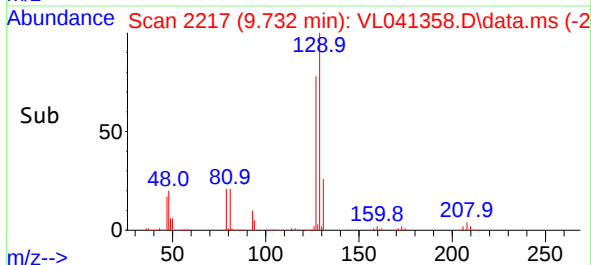
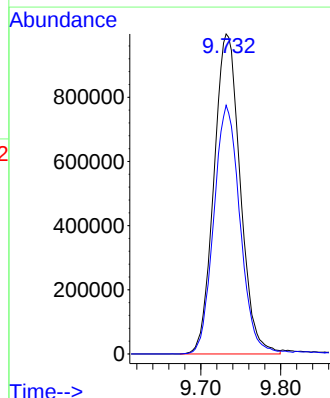
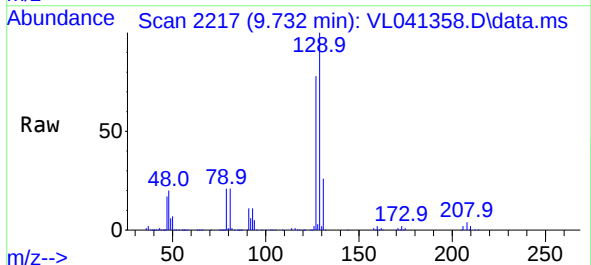
Acq: 26 Jun 2024 12:54

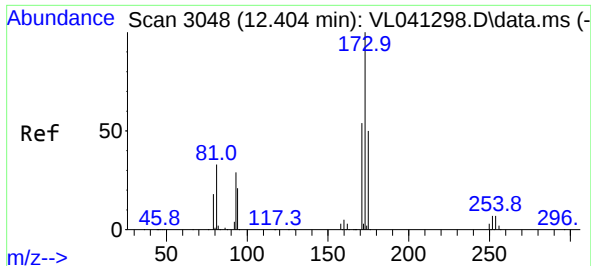
Tgt Ion: 129 Resp: 2276772

Ion Ratio Lower Upper

129 100

127 78.6 39.1 117.5

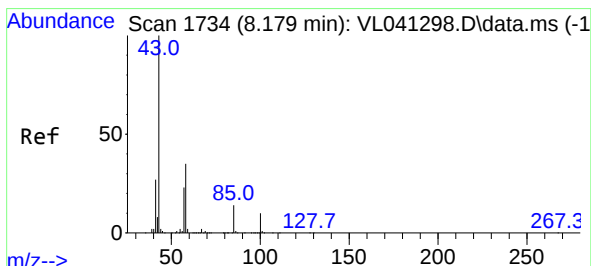
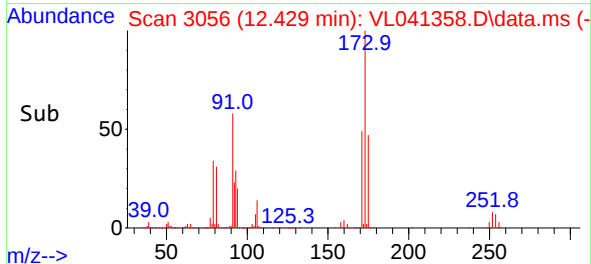
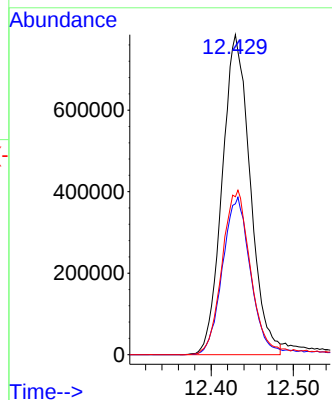
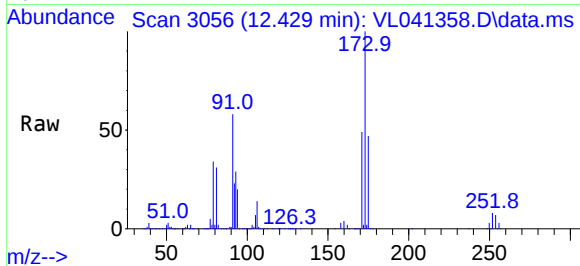




#49
Bromoform
Concen: 14.908 ppbv
RT: 12.429 min Scan# 3048
Delta R.T. 0.026 min
Lab File: VL041358.D
Acq: 26 Jun 2024 12:54

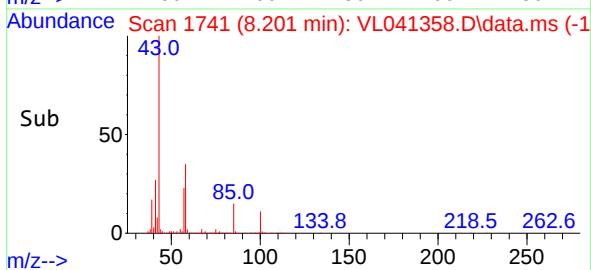
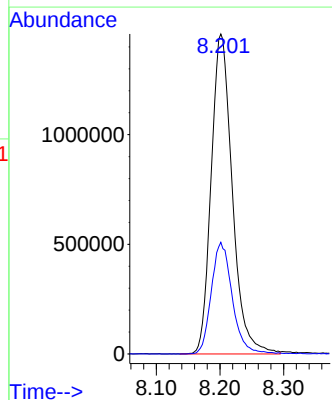
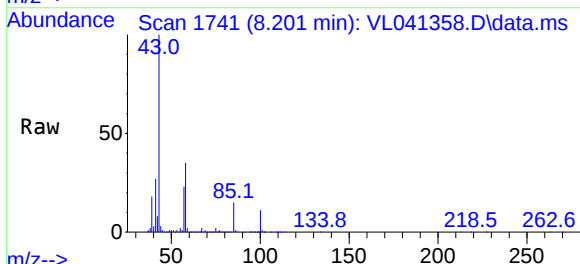
Instrument :
MSVOA_L
ClientSampleId :

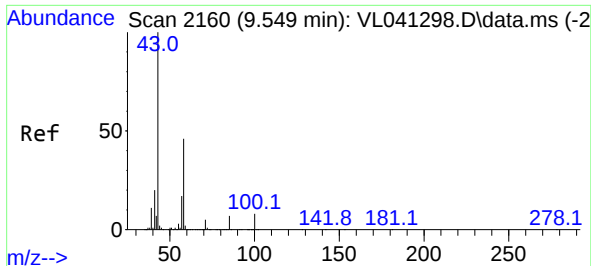
Tgt Ion:173 Resp: 1864005
Ion Ratio Lower Upper
173 100
175 51.8 39.9 59.9
171 54.9 42.6 63.8



#50
4-Methyl-2-Pentanone
Concen: 14.515 ppbv
RT: 8.201 min Scan# 1741
Delta R.T. 0.022 min
Lab File: VL041358.D
Acq: 26 Jun 2024 12:54

Tgt Ion: 43 Resp: 3359942
Ion Ratio Lower Upper
43 100
58 35.0 27.7 41.5



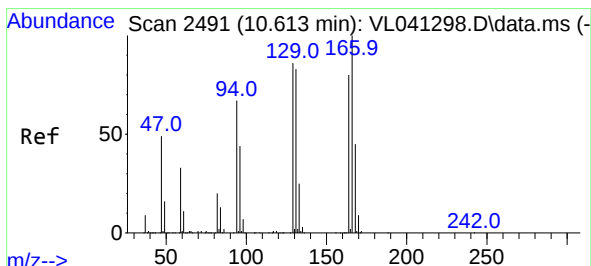
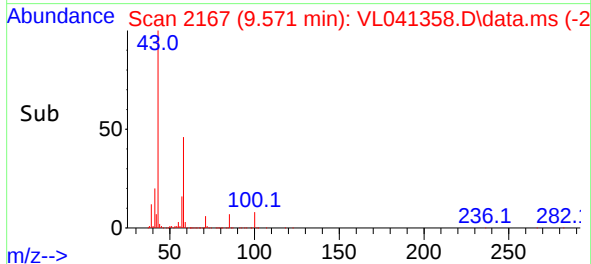
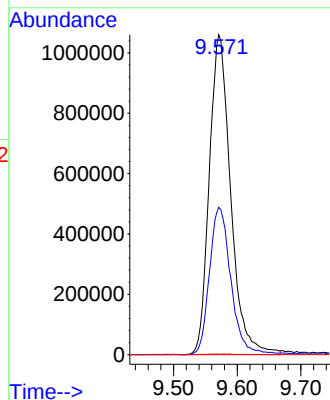
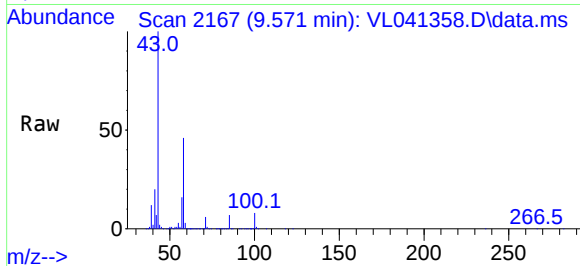


#51
2-Hexanone
Concen: 15.038 ppbv
RT: 9.571 min Scan# 2160
Delta R.T. 0.022 min
Lab File: VL041358.D
Acq: 26 Jun 2024 12:54

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 2474194

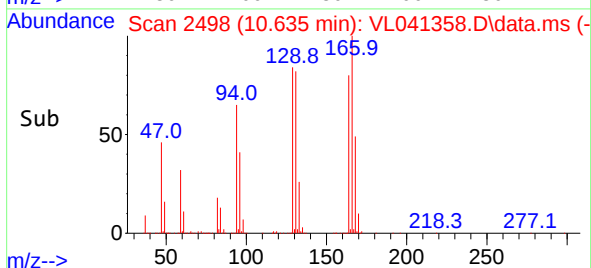
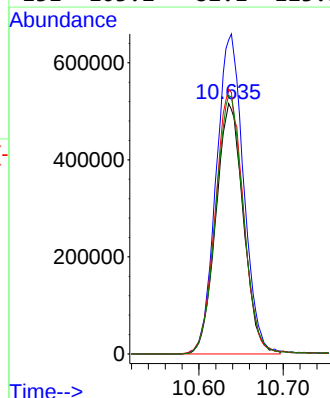
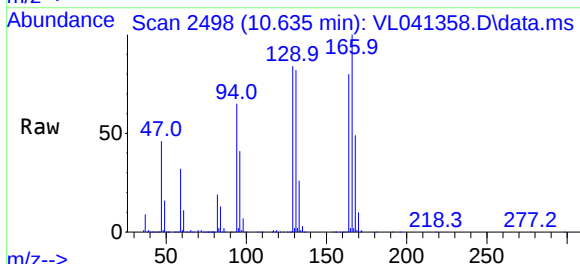
Ion	Ratio	Lower	Upper
43	100		
58	46.4	37.4	56.0
98	0.3	0.2	0.4

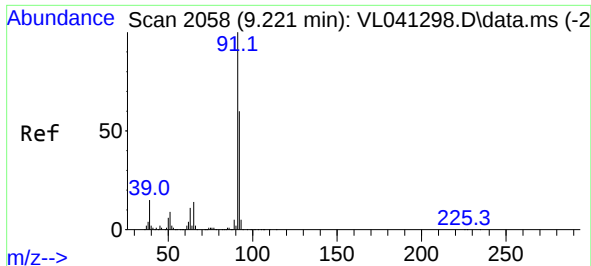


#52
Tetrachloroethene
Concen: 14.102 ppbv
RT: 10.635 min Scan# 2498
Delta R.T. 0.022 min
Lab File: VL041358.D
Acq: 26 Jun 2024 12:54

Tgt Ion: 164 Resp: 1163520

Ion	Ratio	Lower	Upper
164	100		
166	125.4	99.4	149.0
129	105.7	85.4	128.2
131	103.2	82.1	123.1

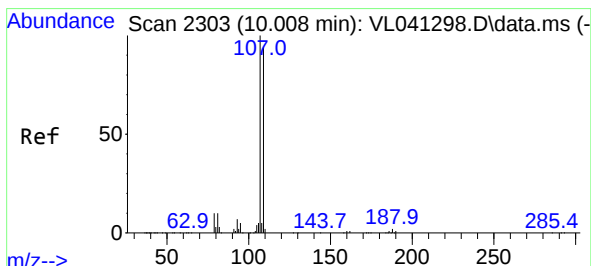
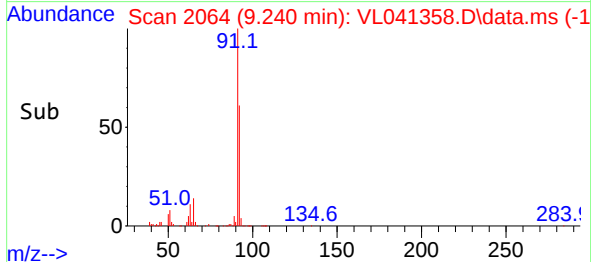
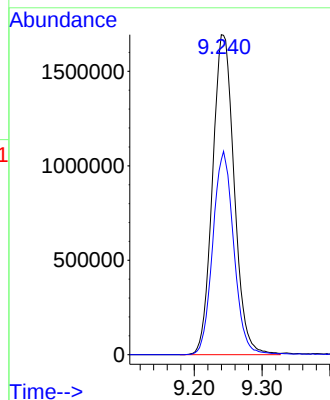
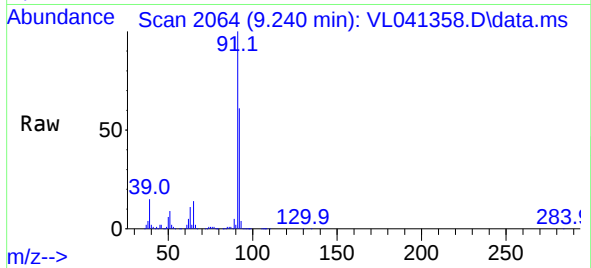




#53
Toluene
Concen: 14.444 ppbv
RT: 9.240 min Scan# 2058
Delta R.T. 0.019 min
Lab File: VL041358.D
Acq: 26 Jun 2024 12:54

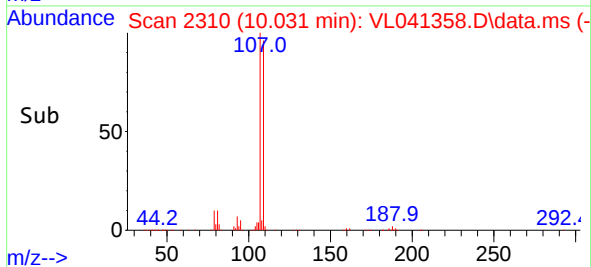
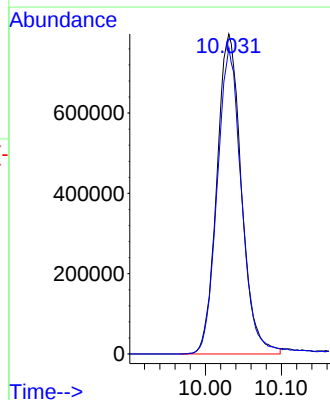
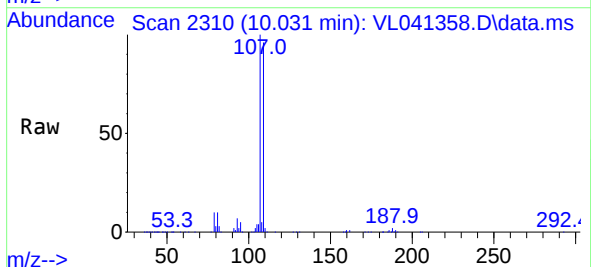
Instrument :
MSVOA_L
ClientSampleId :

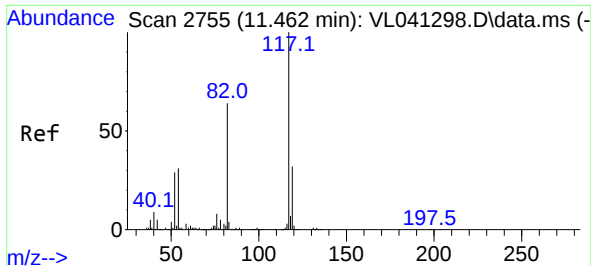
Tgt Ion: 91 Resp: 3759051
Ion Ratio Lower Upper
91 100
92 61.8 49.2 73.8



#54
1,2-Dibromoethane
Concen: 14.549 ppbv
RT: 10.031 min Scan# 2310
Delta R.T. 0.022 min
Lab File: VL041358.D
Acq: 26 Jun 2024 12:54

Tgt Ion: 107 Resp: 1785713
Ion Ratio Lower Upper
107 100
109 95.7 75.0 112.6

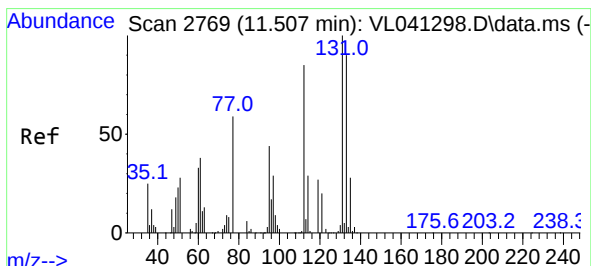
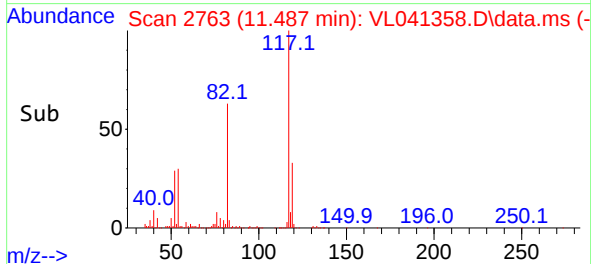
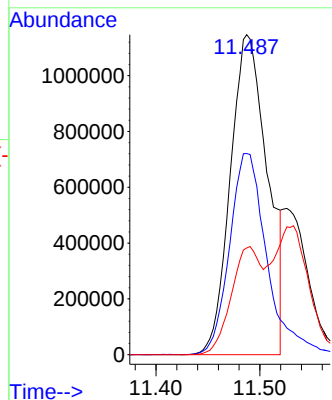
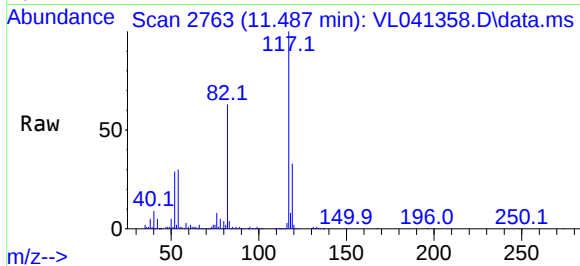




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.487 min Scan# 2175
Delta R.T. 0.026 min
Lab File: VL041358.D
Acq: 26 Jun 2024 12:54

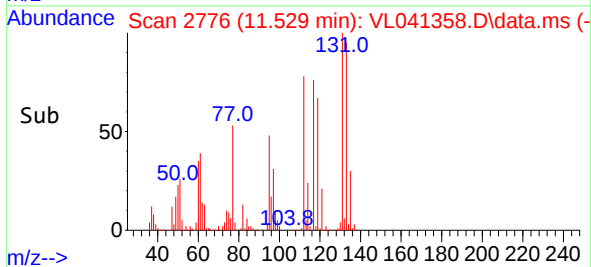
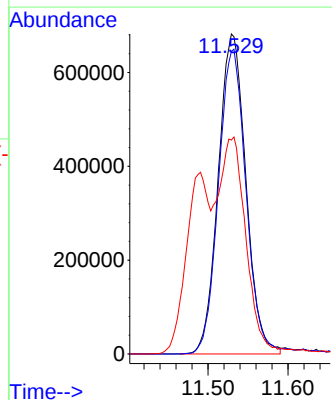
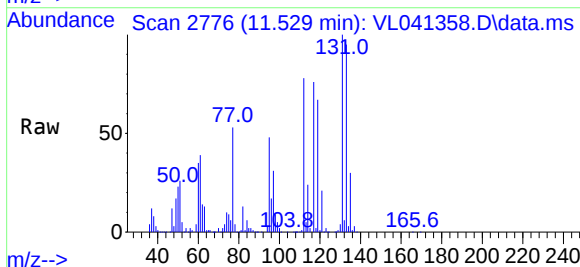
Instrument :
MSVOA_L
ClientSampleId :

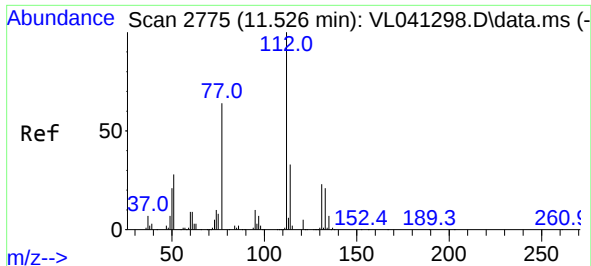
Tgt Ion:117 Resp: 2836754
Ion Ratio Lower Upper
117 100
82 64.8 52.3 78.5
119 27.3 26.2 39.2



#56
1,1,1,2-Tetrachloroethane
Concen: 13.610 ppbv
RT: 11.529 min Scan# 2776
Delta R.T. 0.022 min
Lab File: VL041358.D
Acq: 26 Jun 2024 12:54

Tgt Ion:131 Resp: 1632957
Ion Ratio Lower Upper
131 100
133 97.3 75.8 113.6
119 70.4 48.3 72.5

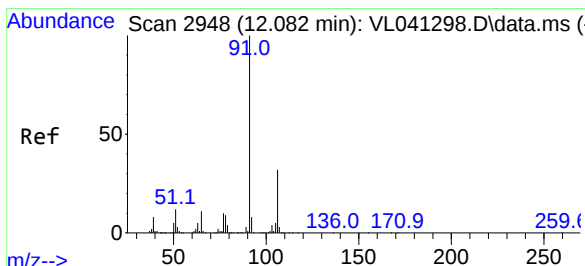
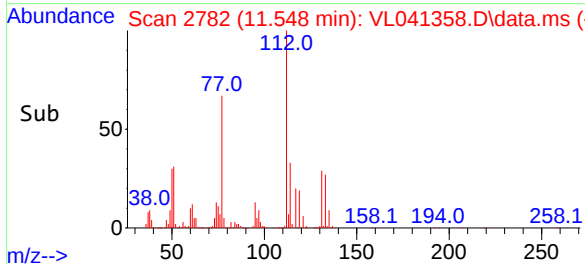
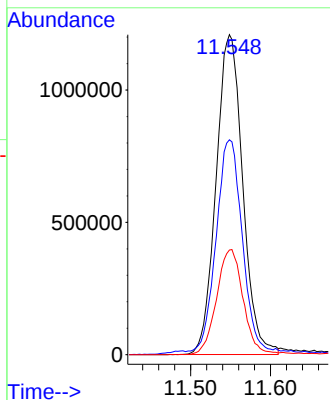
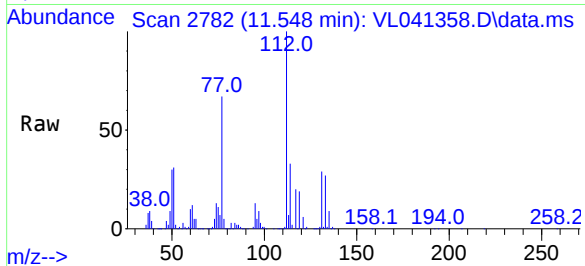




#57
Chlorobenzene
Concen: 13.263 ppbv
RT: 11.548 min Scan# 21
Delta R.T. 0.022 min
Lab File: VL041358.D
Acq: 26 Jun 2024 12:54

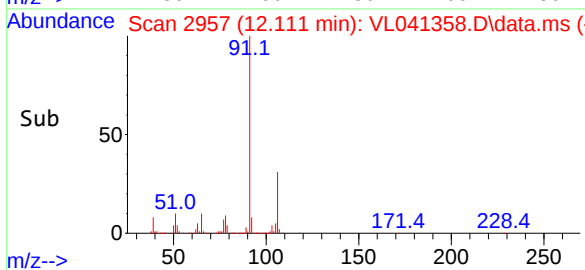
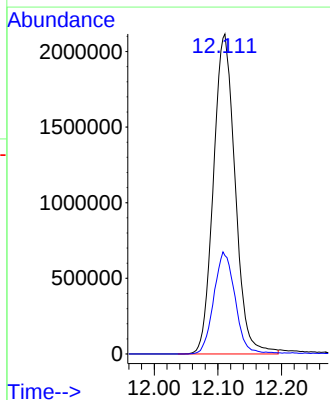
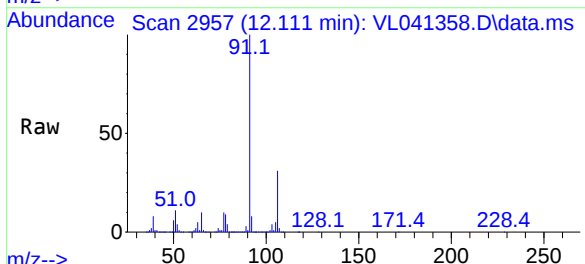
Instrument :
MSVOA_L
ClientSampleId :

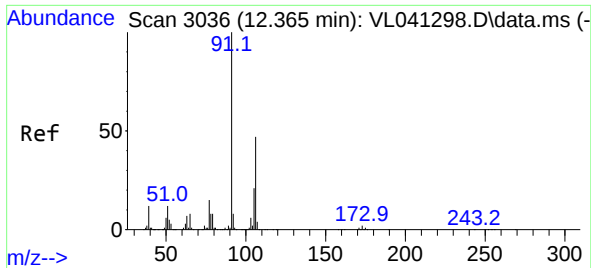
Tgt Ion:112 Resp: 2794769
Ion Ratio Lower Upper
112 100
77 66.1 52.0 78.0
114 32.7 29.8 36.4



#58
Ethyl Benzene
Concen: 13.784 ppbv
RT: 12.111 min Scan# 2957
Delta R.T. 0.029 min
Lab File: VL041358.D
Acq: 26 Jun 2024 12:54

Tgt Ion: 91 Resp: 5012346
Ion Ratio Lower Upper
91 100
106 30.7 25.5 38.3





#59

m/p-Xylene

Concen: 13.368 ppbv

RT: 12.394 min Scan# 3036

Delta R.T. 0.029 min

Lab File: VL041358.D

Acq: 26 Jun 2024 12:54

Instrument :

MSVOA_L

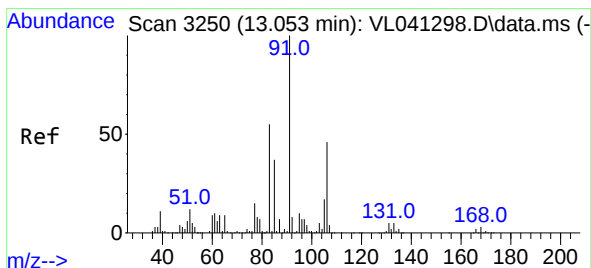
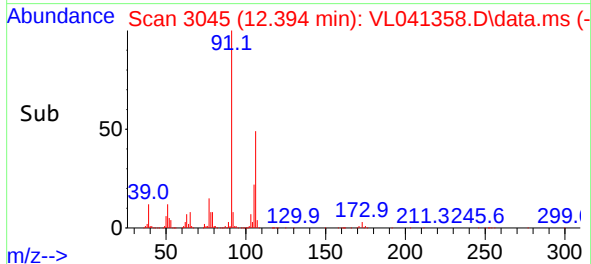
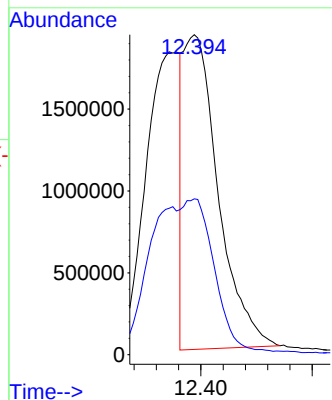
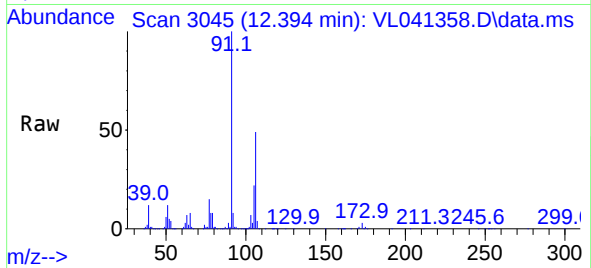
ClientSampleId :

Tgt Ion: 91 Resp: 4164822

Ion Ratio Lower Upper

91 100

106 93.0 35.7 53.5#



#60

o-Xylene

Concen: 13.248 ppbv

RT: 13.079 min Scan# 3258

Delta R.T. 0.026 min

Lab File: VL041358.D

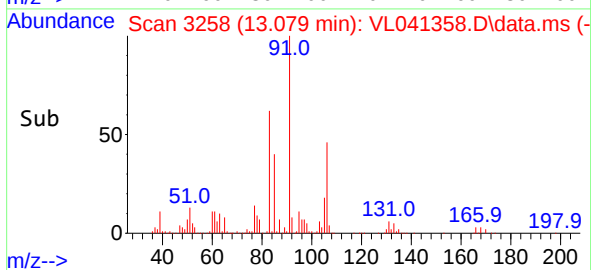
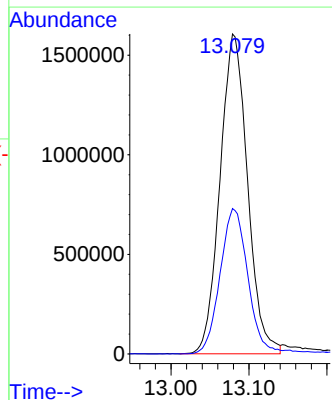
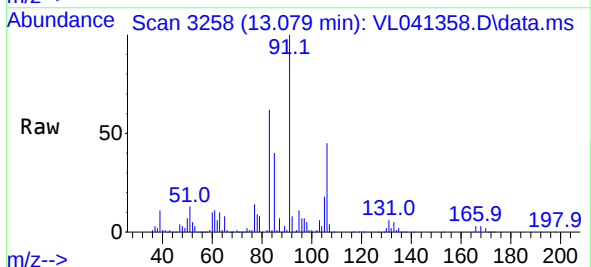
Acq: 26 Jun 2024 12:54

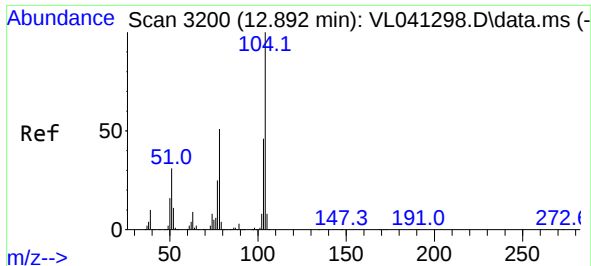
Tgt Ion: 91 Resp: 3934582

Ion Ratio Lower Upper

91 100

106 47.3 22.8 68.4

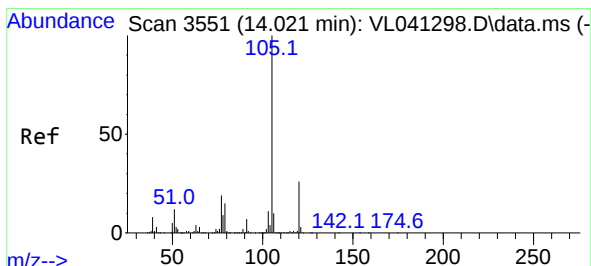
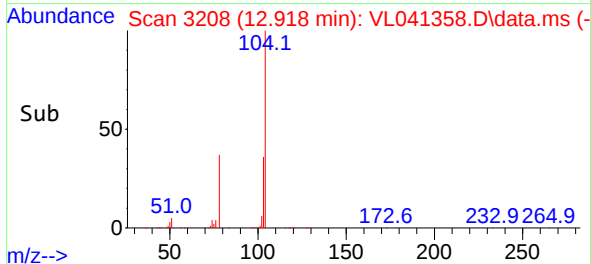
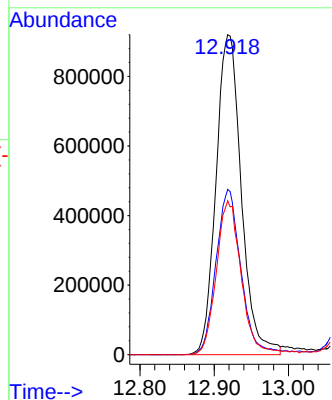
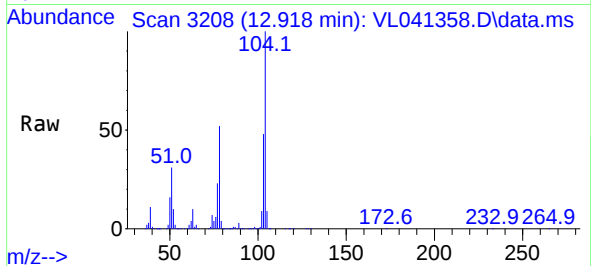




#61
Styrene
Concen: 14.981 ppbv
RT: 12.918 min Scan# 31
Delta R.T. 0.026 min
Lab File: VL041358.D
Acq: 26 Jun 2024 12:54

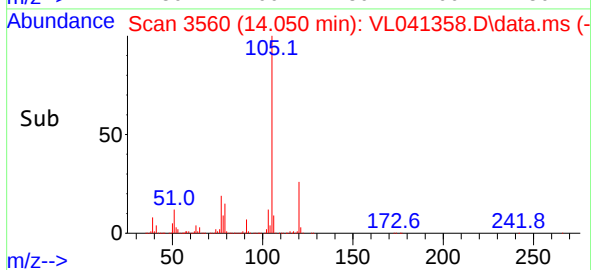
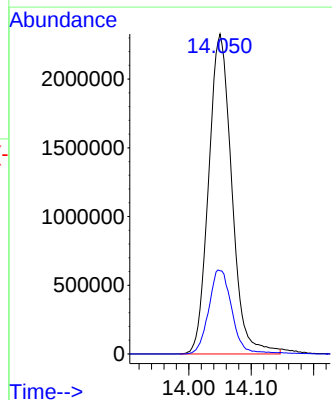
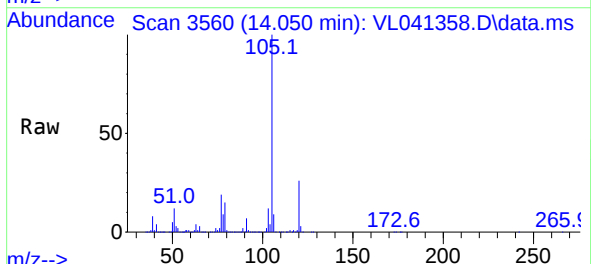
Instrument :
MSVOA_L
ClientSampleId :

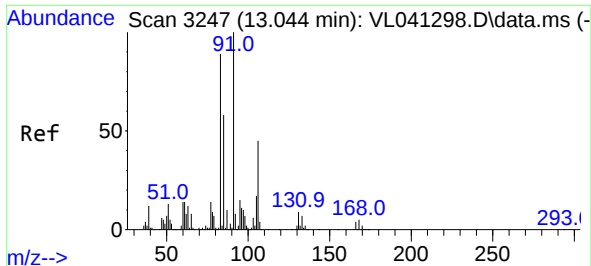
Tgt Ion:104 Resp: 2181407
Ion Ratio Lower Upper
104 100
78 51.7 42.2 63.4
103 47.9 37.9 56.9



#62
Isopropylbenzene
Concen: 13.349 ppbv
RT: 14.050 min Scan# 3560
Delta R.T. 0.029 min
Lab File: VL041358.D
Acq: 26 Jun 2024 12:54

Tgt Ion:105 Resp: 5996265
Ion Ratio Lower Upper
105 100
120 26.5 20.4 30.6

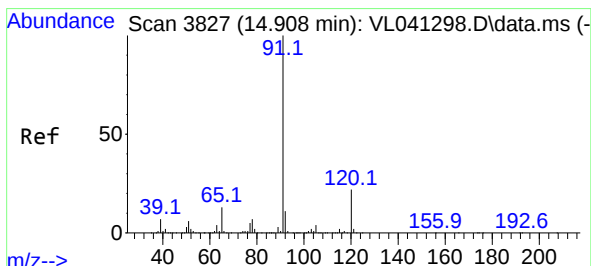
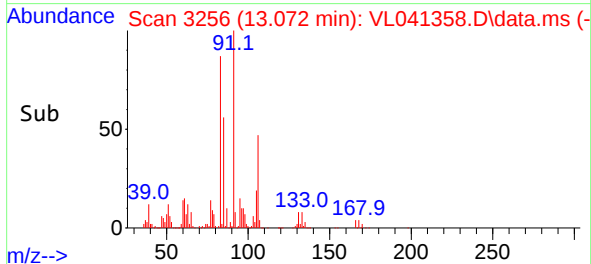
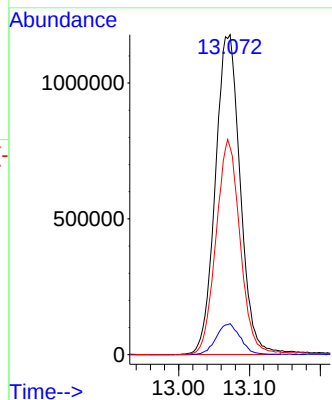
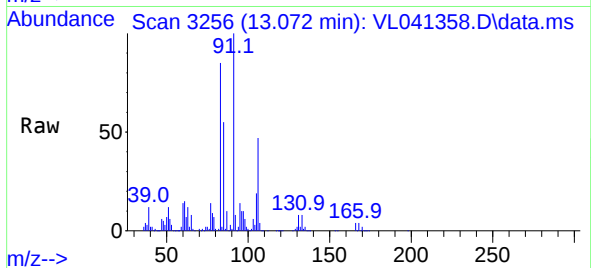




#63
1,1,2,2-Tetrachloroethane
Concen: 13.579 ppbv
RT: 13.072 min Scan# 31
Delta R.T. 0.029 min
Lab File: VL041358.D
Acq: 26 Jun 2024 12:54

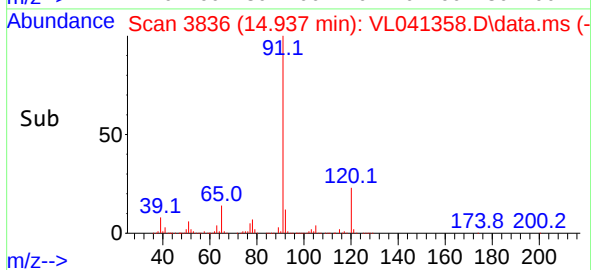
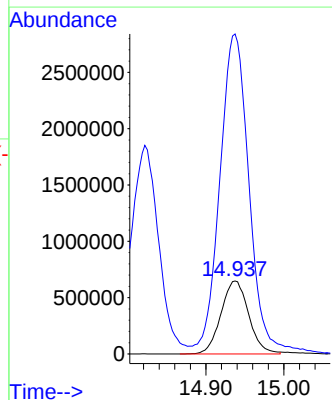
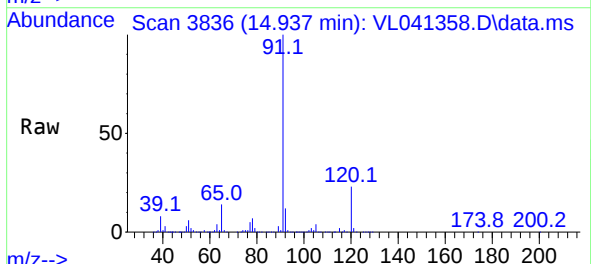
Instrument :
MSVOA_L
ClientSampleId :

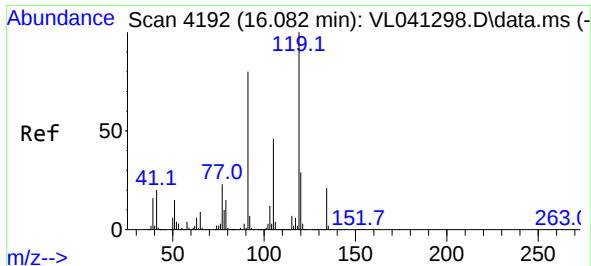
Tgt Ion: 83 Resp: 2869420
Ion Ratio Lower Upper
83 100
131 9.6 4.7 14.1
85 66.3 32.6 97.7



#64
n-propylbenzene
Concen: 13.843 ppbv
RT: 14.937 min Scan# 3836
Delta R.T. 0.029 min
Lab File: VL041358.D
Acq: 26 Jun 2024 12:54

Tgt Ion:120 Resp: 1602547
Ion Ratio Lower Upper
120 100
91 464.8 374.2 561.2

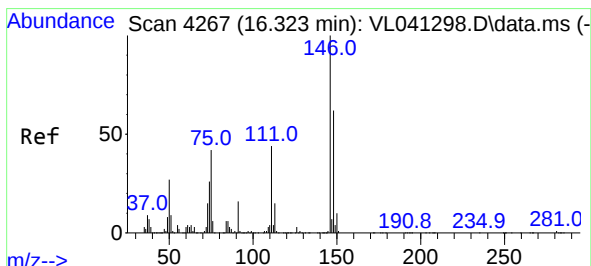
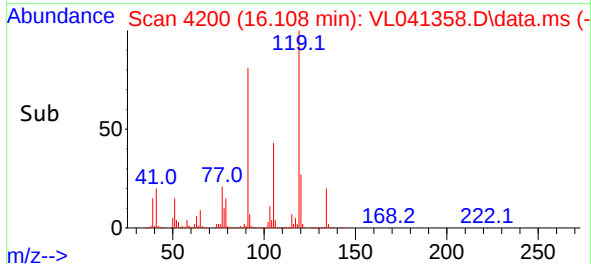
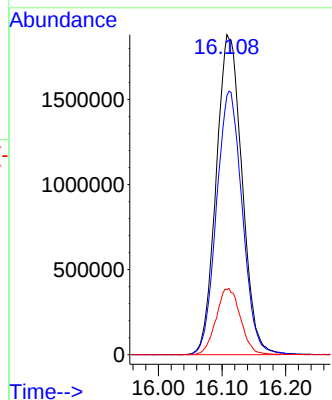
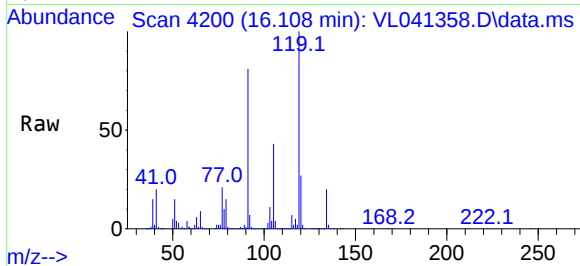




#65
tert-Butylbenzene
Concen: 13.287 ppbv
RT: 16.108 min Scan# 4192
Delta R.T. 0.026 min
Lab File: VL041358.D
Acq: 26 Jun 2024 12:54

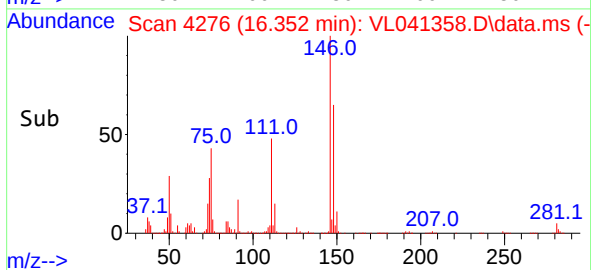
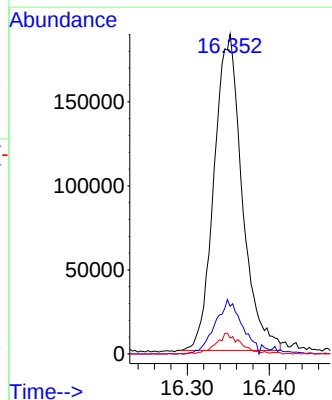
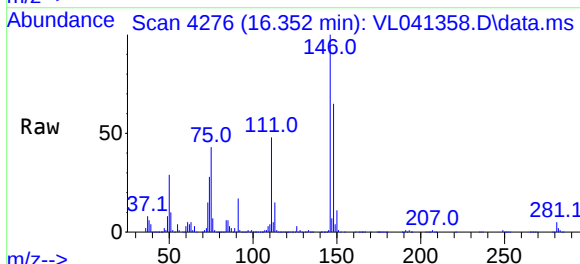
Instrument :
MSVOA_1
ClientSampleId :

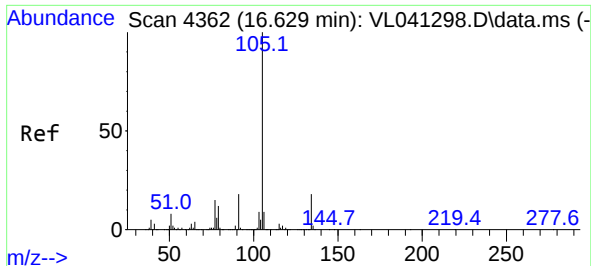
Tgt Ion:119 Resp: 5305584
Ion Ratio Lower Upper
119 100
91 82.4 66.5 99.7
134 19.6 15.7 23.5



#66
Benzyl Chloride
Concen: 17.016 ppbv
RT: 16.352 min Scan# 4276
Delta R.T. 0.029 min
Lab File: VL041358.D
Acq: 26 Jun 2024 12:54

Tgt Ion: 91 Resp: 447058
Ion Ratio Lower Upper
91 100
126 17.9 13.4 20.2
128 6.0 4.6 6.8

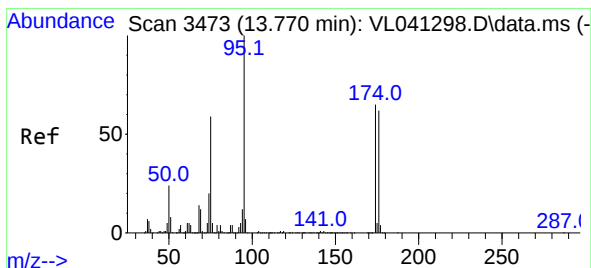
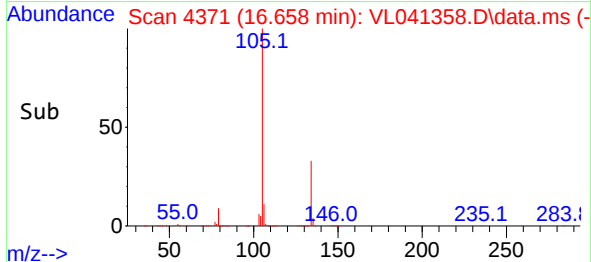
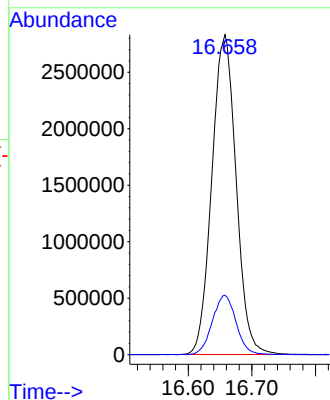
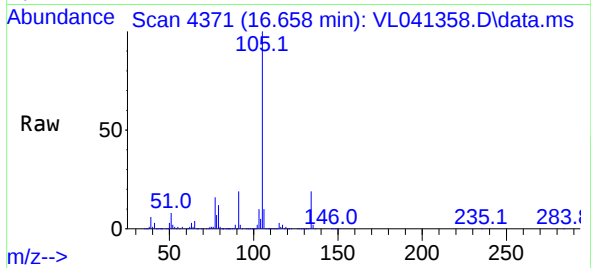




#67
sec-Butylbenzene
Concen: 13.301 ppbv
RT: 16.658 min Scan# 41
Delta R.T. 0.029 min
Lab File: VL041358.D
Acq: 26 Jun 2024 12:54

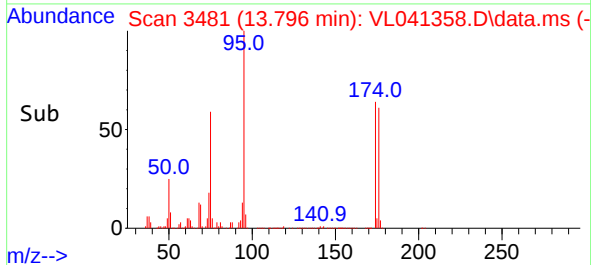
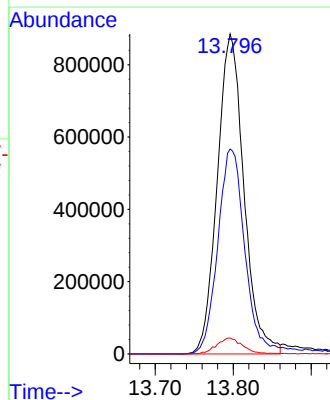
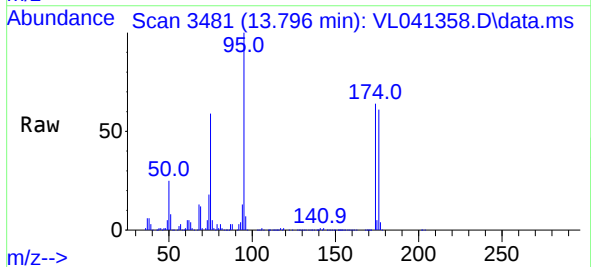
Instrument :
MSVOA_L
ClientSampleId :

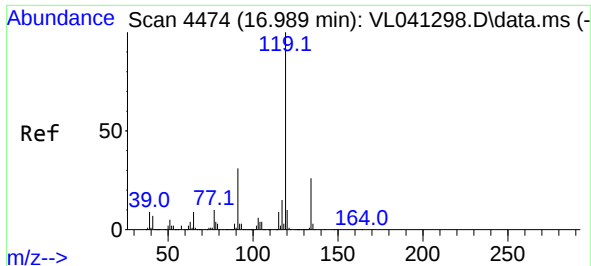
Tgt Ion:105 Resp: 7503322
Ion Ratio Lower Upper
105 100
134 18.3 14.3 21.5



#68
1-Bromo-4-Fluorobenzene
Concen: 9.604 ppbv
RT: 13.796 min Scan# 3481
Delta R.T. 0.026 min
Lab File: VL041358.D
Acq: 26 Jun 2024 12:54

Tgt Ion: 95 Resp: 2103568
Ion Ratio Lower Upper
95 100
174 67.3 52.2 78.2
175 5.1 4.1 6.1

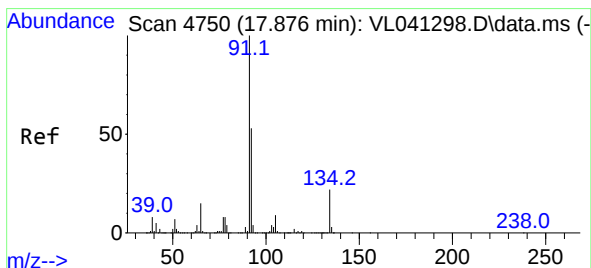
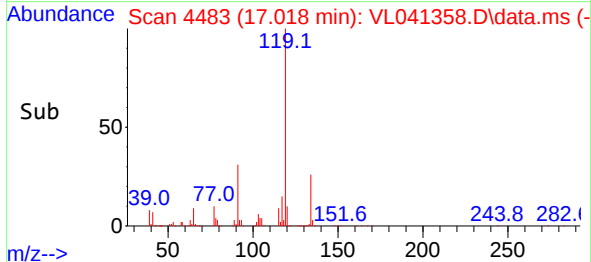
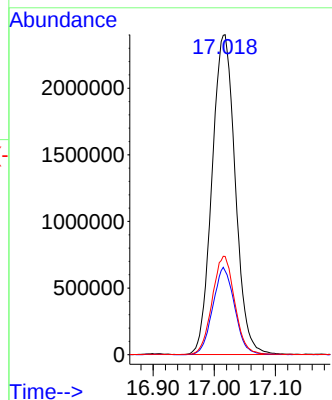
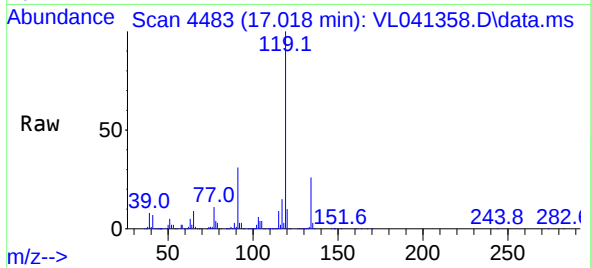




#69
p-Isopropyltoluene
Concen: 13.620 ppbv
RT: 17.018 min Scan# 4474
Delta R.T. 0.029 min
Lab File: VL041358.D
Acq: 26 Jun 2024 12:54

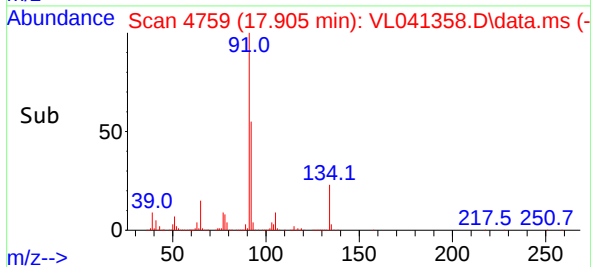
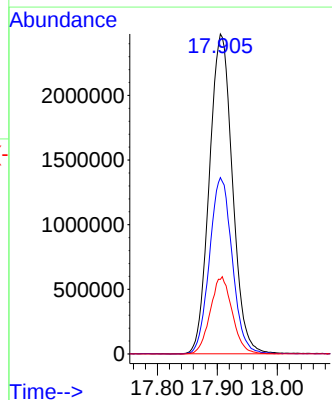
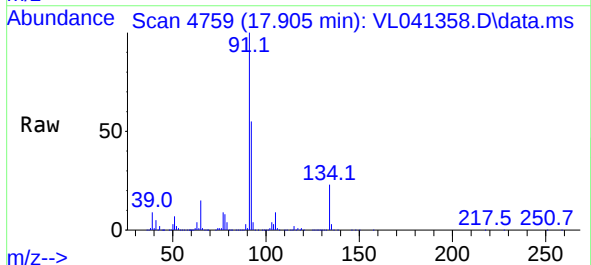
Instrument :
MSVOA_L
ClientSampleId :

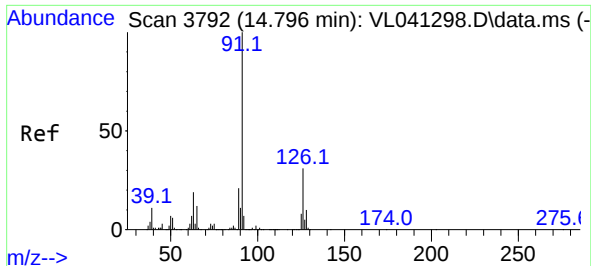
Tgt Ion:119 Resp: 6332145
Ion Ratio Lower Upper
119 100
134 25.8 20.1 30.1
91 29.8 24.1 36.1



#70
n-Butylbenzene
Concen: 13.730 ppbv
RT: 17.905 min Scan# 4759
Delta R.T. 0.029 min
Lab File: VL041358.D
Acq: 26 Jun 2024 12:54

Tgt Ion: 91 Resp: 6622429
Ion Ratio Lower Upper
91 100
92 54.5 42.9 64.3
134 23.1 17.9 26.9

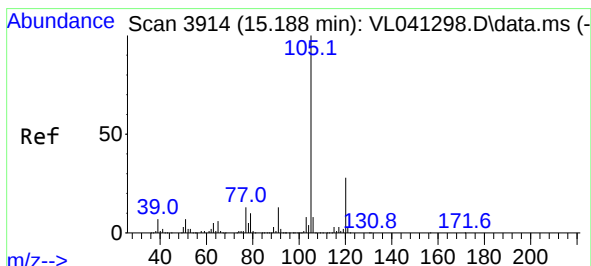
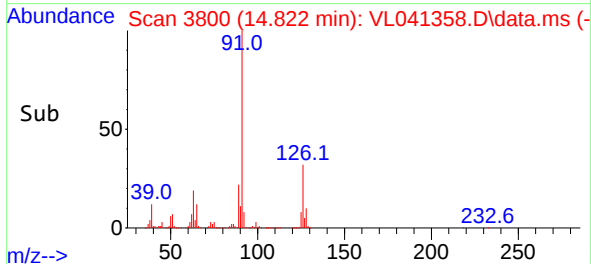
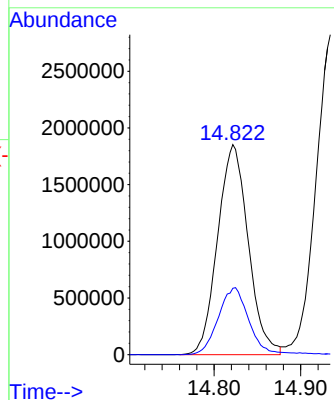
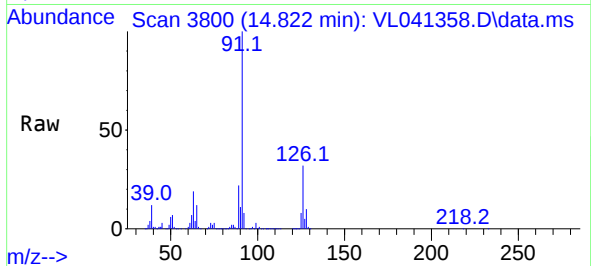




#71
2-Chlorotoluene
Concen: 13.225 ppbv
RT: 14.822 min Scan# 31
Delta R.T. 0.026 min
Lab File: VL041358.D
Acq: 26 Jun 2024 12:54

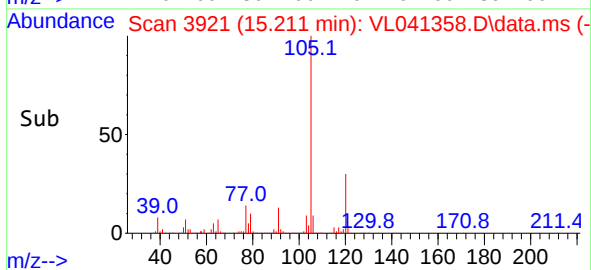
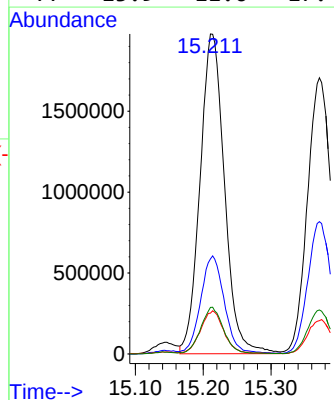
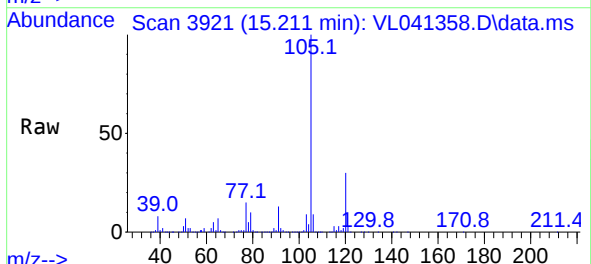
Instrument :
MSVOA_L
ClientSampleId :

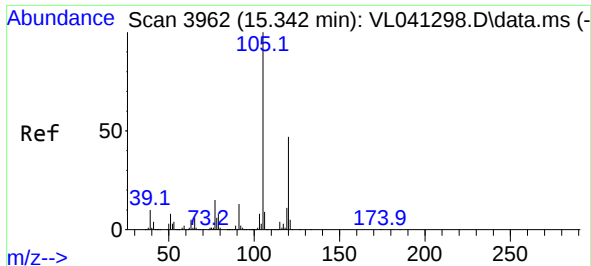
Tgt Ion: 91 Resp: 4546603
Ion Ratio Lower Upper
91 100
126 32.6 12.4 49.8



#72
4-Ethyltoluene
Concen: 14.330 ppbv
RT: 15.211 min Scan# 3921
Delta R.T. 0.022 min
Lab File: VL041358.D
Acq: 26 Jun 2024 12:54

Tgt Ion:105 Resp: 4958199
Ion Ratio Lower Upper
105 100
120 31.0 23.7 35.5
91 13.8 10.6 16.0
77 13.9 11.6 17.4

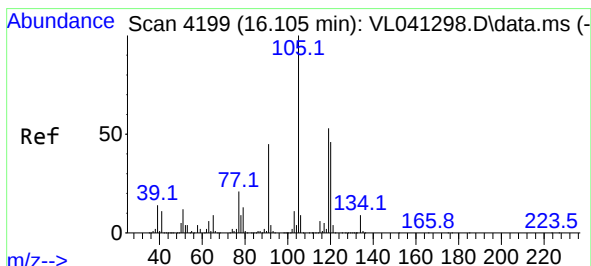
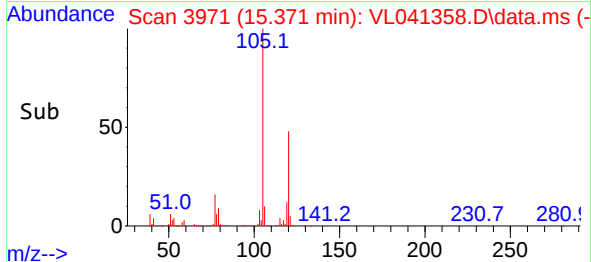
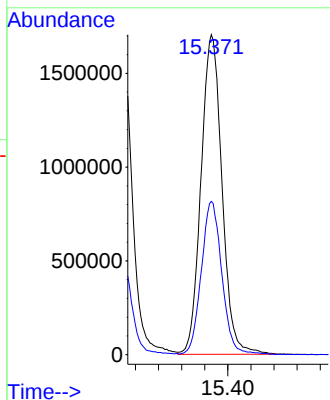
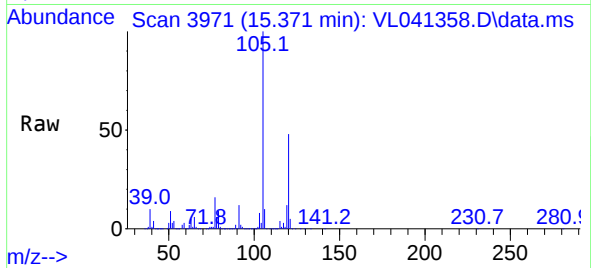




#73
1,3,5-Trimethylbenzene
Concen: 14.330 ppbv
RT: 15.371 min Scan# 3962
Delta R.T. 0.029 min
Lab File: VL041358.D
Acq: 26 Jun 2024 12:54

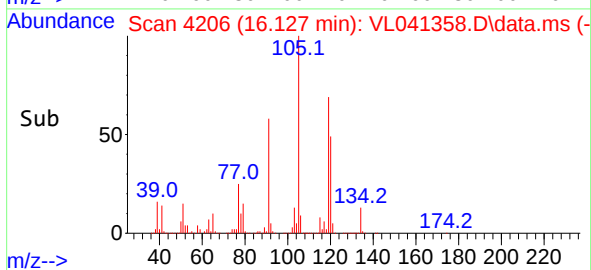
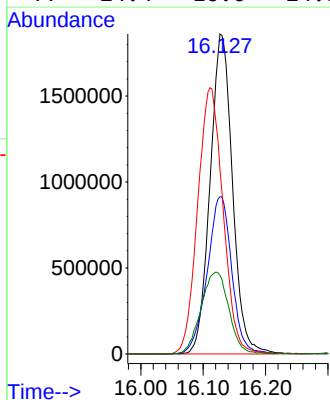
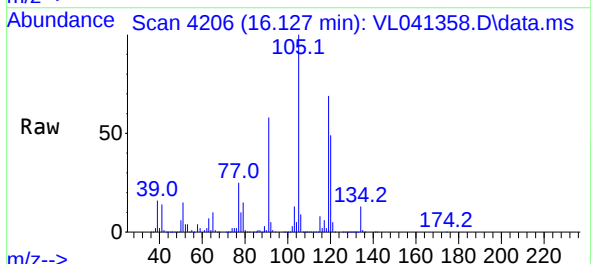
Instrument :
MSVOA_L
ClientSampleId :

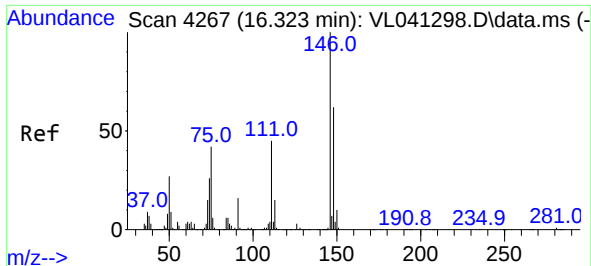
Tgt Ion:105 Resp: 4303535
Ion Ratio Lower Upper
105 100
120 47.9 37.8 56.8



#74
1,2,4-Trimethylbenzene
Concen: 13.638 ppbv
RT: 16.127 min Scan# 4206
Delta R.T. 0.022 min
Lab File: VL041358.D
Acq: 26 Jun 2024 12:54

Tgt Ion:105 Resp: 4631774
Ion Ratio Lower Upper
105 100
120 48.9 37.0 55.6
91 57.6 36.2 54.4#
77 24.4 16.6 24.8

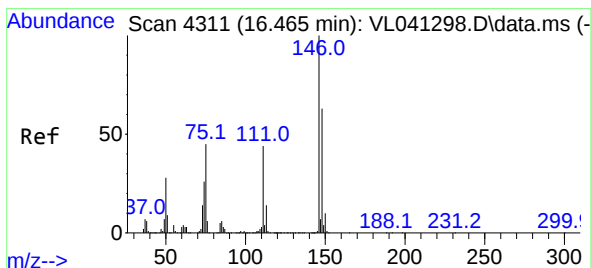
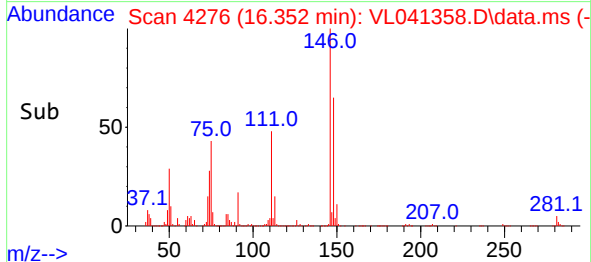
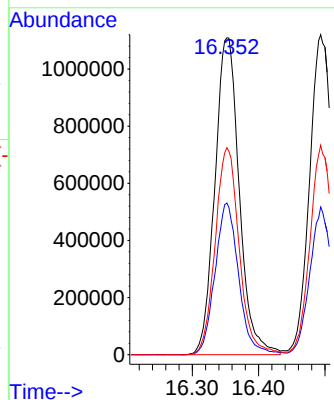
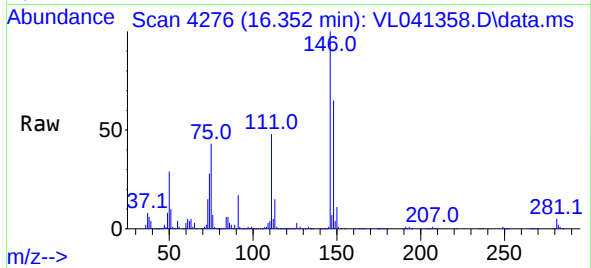




#75
1,3-Dichlorobenzene
Concen: 14.216 ppbv
RT: 16.352 min Scan# 431
Delta R.T. 0.029 min
Lab File: VL041358.D
Acq: 26 Jun 2024 12:54

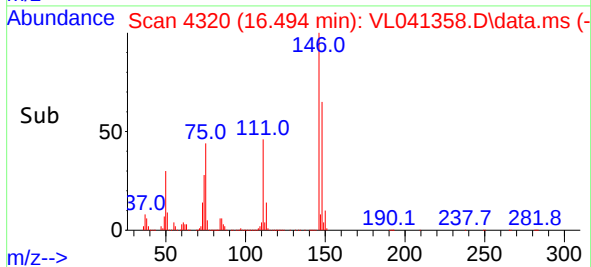
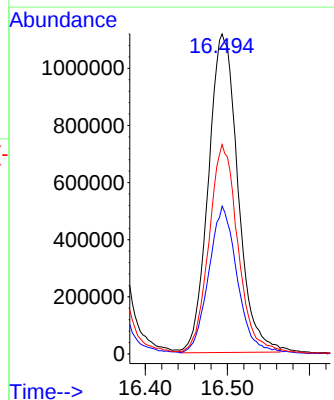
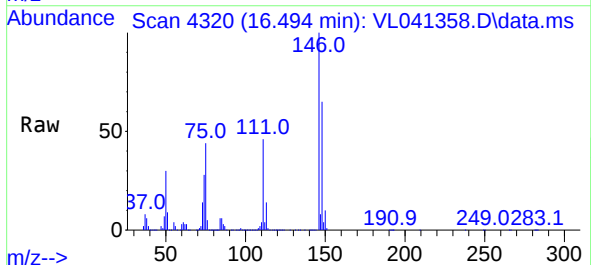
Instrument :
MSVOA_L
ClientSampleId :

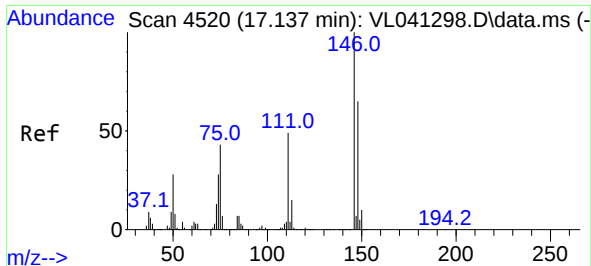
Tgt Ion:146 Resp: 2834331
Ion Ratio Lower Upper
146 100
111 46.5 23.3 69.8
148 64.4 32.2 96.6



#76
1,4-Dichlorobenzene
Concen: 14.033 ppbv
RT: 16.494 min Scan# 4320
Delta R.T. 0.029 min
Lab File: VL041358.D
Acq: 26 Jun 2024 12:54

Tgt Ion:146 Resp: 2795725
Ion Ratio Lower Upper
146 100
111 45.4 23.3 69.9
148 65.1 32.9 98.6

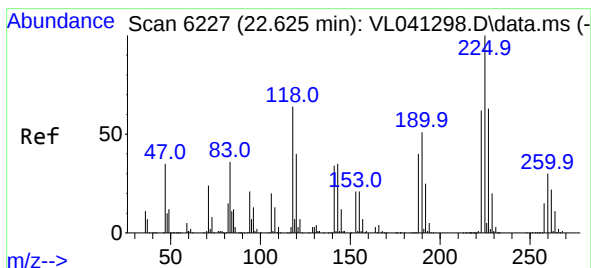
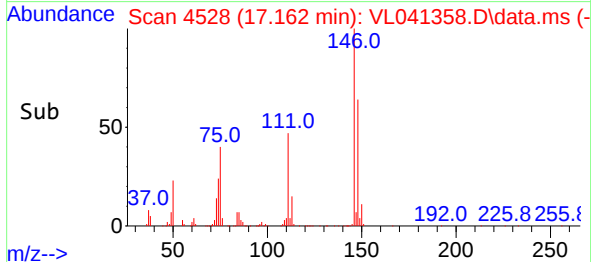
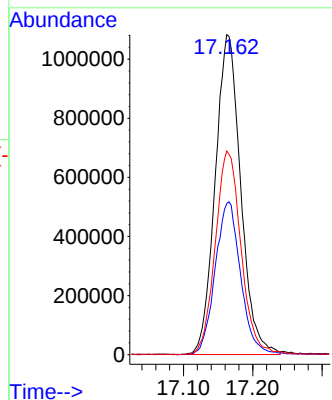
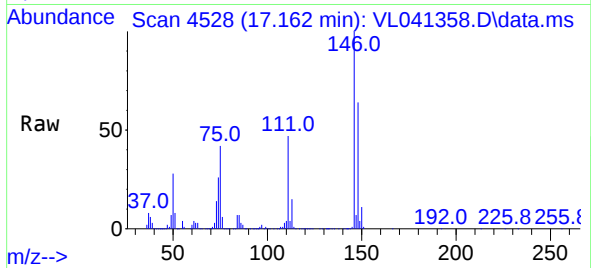




#77
1,2-Dichlorobenzene
Concen: 13.851 ppbv
RT: 17.162 min Scan# 4520
Delta R.T. 0.026 min
Lab File: VL041358.D
Acq: 26 Jun 2024 12:54

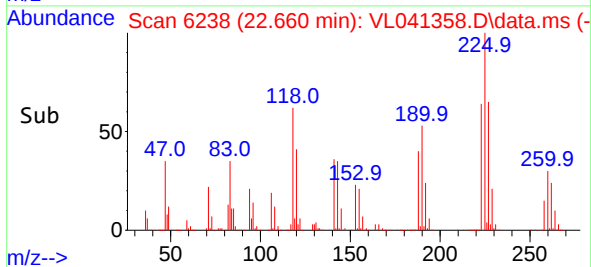
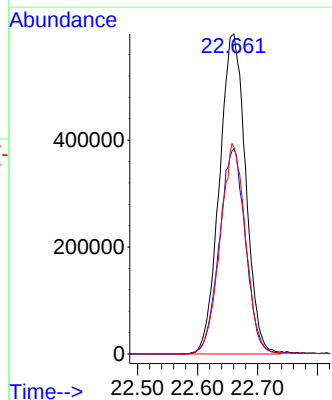
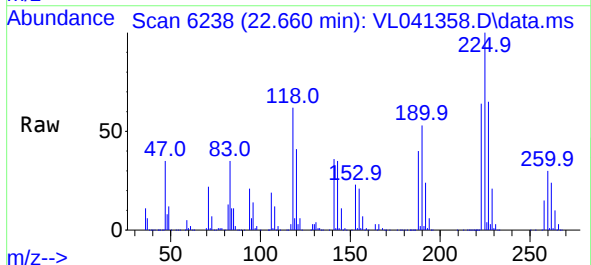
Instrument :
MSVOA_L
ClientSampleId :

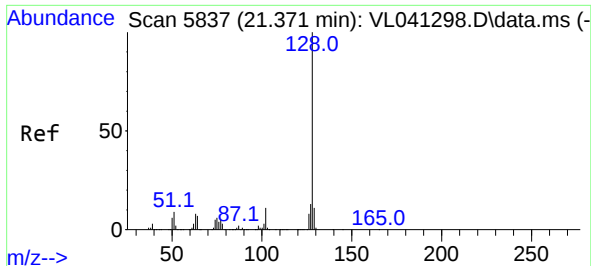
Tgt Ion:146 Resp: 2764428
Ion Ratio Lower Upper
146 100
111 48.0 24.3 72.9
148 64.4 32.0 96.0



#78
Hexachloro-1,3-Butadiene
Concen: 11.105 ppbv
RT: 22.660 min Scan# 6238
Delta R.T. 0.035 min
Lab File: VL041358.D
Acq: 26 Jun 2024 12:54

Tgt Ion:225 Resp: 1816346
Ion Ratio Lower Upper
225 100
223 64.1 51.0 76.6
227 64.1 51.1 76.7

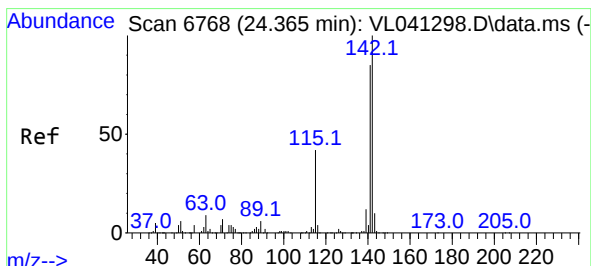
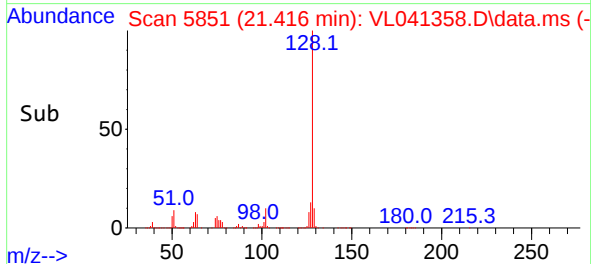
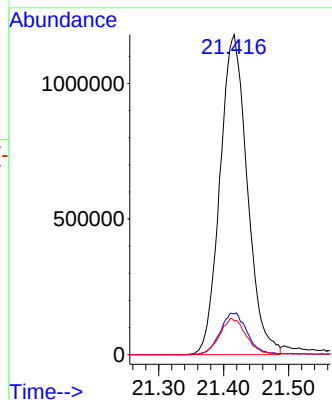
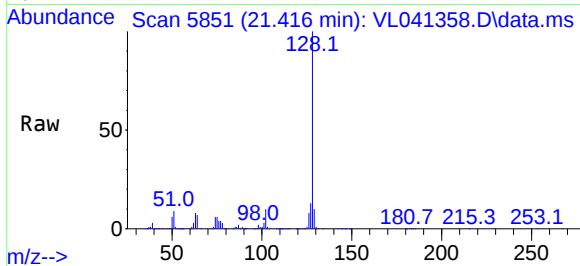




#79
Naphthalene
Concen: 11.670 ppbv
RT: 21.416 min Scan# 5837
Delta R.T. 0.045 min
Lab File: VL041358.D
Acq: 26 Jun 2024 12:54

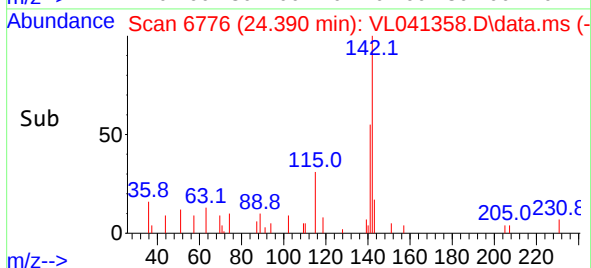
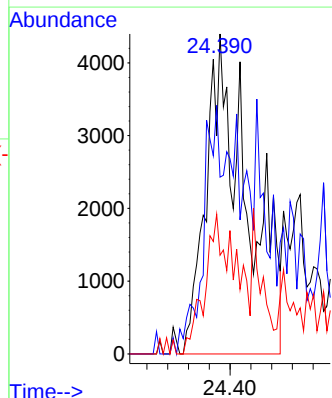
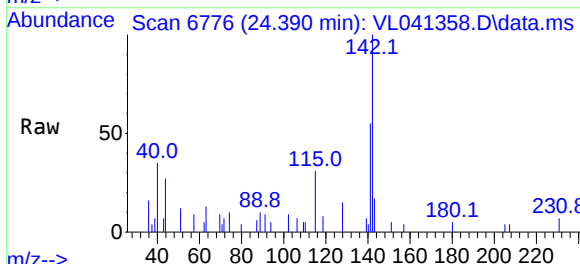
Instrument :
MSVOA_L
ClientSampleId :

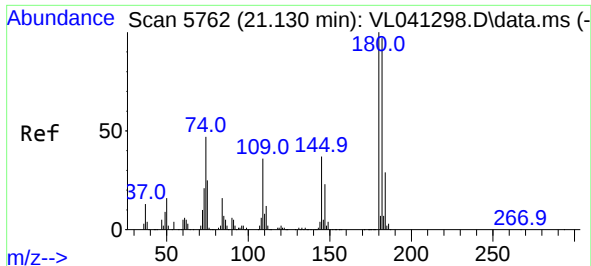
Tgt Ion:128 Resp: 3439133
Ion Ratio Lower Upper
128 100
127 12.7 10.5 15.7
129 10.5 9.1 13.7



#80
Naphthalene,2-methyl-
Concen: 0.119 ppbv
RT: 24.390 min Scan# 6776
Delta R.T. 0.026 min
Lab File: VL041358.D
Acq: 26 Jun 2024 12:54

Tgt Ion:142 Resp: 11880
Ion Ratio Lower Upper
142 100
141 0.0 68.5 102.7#
115 33.5 32.6 49.0





#81

1,2,4-Trichlorobenzene

Concen: 11.327 ppbv

RT: 21.169 min Scan# 51

Delta R.T. 0.039 min

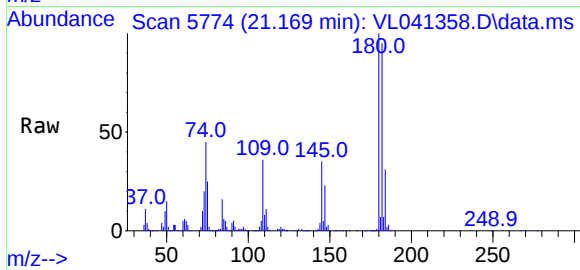
Lab File: VL041358.D

Acq: 26 Jun 2024 12:54

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:180 Resp: 1861487

Ion Ratio Lower Upper

180 100

182 95.9 77.0 115.6

184 31.4 0.0 0.0#

