

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL073124\
 Data File : VL041460.D
 Acq On : 31 Jul 2024 12:54
 Operator : SY/MD
 Sample : P3390-13 0.1 LOD
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Aug 01 03:55:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Aug 01 02:36:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.198	49	949925	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.658	114	2621215	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.475	117	2410441	10.000	ppbv	# 0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.783	95	1865704	10.058	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.600%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.742	85	18581	0.114	ppbv	98
3) Chlorodifluoromethane	2.684	51	12643	0.112	ppbv	94
4) Chloromethane	2.822	50	7368	0.123	ppbv	89
5) Vinyl Chloride	2.928	62	5505	0.093	ppbv	94
6) Bromomethane	3.131	94	2493	0.082	ppbv	95
7) Chloroethane	3.205	64	2133	0.104	ppbv	97
8) Dichlorotetrafluoroethane	2.867	85	15197	0.105	ppbv	98
9) Propene	2.706	41	8692	0.167	ppbv	94
10) Heptane	7.594	43	2461	0.021	ppbv #	1
11) Trichlorofluoromethane	3.565	101	6459	0.045	ppbv	88
12) 1,1,2-Trichlorotrifluo...	4.073	101	7053	0.067	ppbv #	50
13) Ethanol	3.266	45	422	0.091	ppbv	69
14) Bromoethene	3.375	108	3572	0.088	ppbv #	79
15) Acetone	3.501	43	20899	0.194	ppbv #	85
16) 1,3-Butadiene	2.996	39	5701	0.099	ppbv	84
17) tert-Butyl alcohol	3.890	59	356	0.004	ppbv #	72
18) 1,1-Dichloroethene	3.886	96	3610	0.081	ppbv	92
19) Isopropyl Alcohol	3.562	45	48	0.001	ppbv #	93
20) Methylene Chloride	3.938	84	4548	0.113	ppbv #	78
21) Allyl Chloride	4.009	41	5801	0.082	ppbv #	67
22) trans-1,2-Dichloroethene	4.452	96	4158	0.093	ppbv #	70
23) Vinyl Acetate	4.632	43	1223	0.015	ppbv #	10
24) 1,1-Dichloroethane	4.565	63	4607	0.047	ppbv #	94
25) Ethyl Acetate	5.221	43	10155	0.047	ppbv #	77
26) Hexane	5.214	57	2347	0.026	ppbv #	1
27) Carbon Disulfide	4.131	76	6242	0.060	ppbv #	44
28) Methyl tert-Butyl Ether	4.607	73	2312	0.041	ppbv #	52
29) Chloroform	5.346	83	115	0.001	ppbv	87
30) Cyclohexane	6.616	84	650	0.009	ppbv #	1
31) cis-1,2-Dichloroethene	5.086	61	7278	0.083	ppbv	94
32) 1,1,1-Trichloroethane	6.015	97	4614	0.033	ppbv #	21
34) 2-Butanone	4.790	43	178	0.001	ppbv #	54
35) Carbon Tetrachloride	6.501	117	6635	0.046	ppbv	95
36) Benzene	6.375	78	10523	0.055	ppbv	98
37) 1,2-Dichloroethane	5.812	62	6695	0.062	ppbv	97
38) Trichloroethene	7.298	130	7351	0.084	ppbv #	83
39) 1,2-Dichloropropane	6.658	63	637275	8.691	ppbv #	25
40) 1,4-Dioxane	7.279	88	118	0.004	ppbv #	1
41) Tetrahydrofuran	5.571	42	159	0.002	ppbv #	37
42) Bromodichloromethane	7.256	83	7090	0.046	ppbv #	72
43) Methyl Methacrylate	7.491	69	3105	0.045	ppbv #	33
44) 2,2,4-Trimethylpentane	7.333	57	23214	0.073	ppbv #	81
45) t-1,3-Dichloropropene	8.700	75	193	0.003	ppbv	92

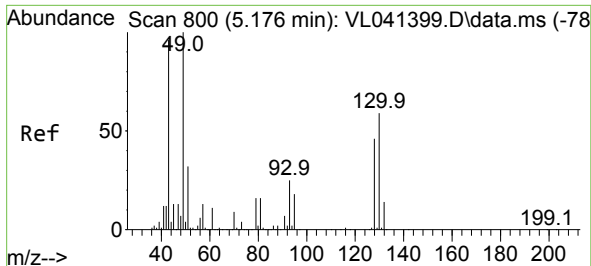
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL073124\
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 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Aug 01 02:36:30 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
46) cis-1,3-Dichloropropene	8.153	75	1555	0.017	ppbv	#	79
47) 1,1,2-Trichloroethane	8.909	97	3079	0.038	ppbv	#	56
48) Dibromochloromethane	9.719	129	3500	0.027	ppbv	#	10
49) Bromoform	12.417	173	1792	0.016	ppbv	#	27
50) 4-Methyl-2-Pentanone	8.211	43	3390	0.017	ppbv	#	40
51) 2-Hexanone	9.562	43	31	0.000	ppbv	#	30
52) Tetrachloroethene	10.600	164	741	0.010	ppbv		88
53) Toluene	9.227	91	11712	0.055	ppbv		93
54) 1,2-Dibromoethane	10.015	107	5148	0.048	ppbv		86
56) 1,1,1,2-Tetrachloroethane	11.523	131	2608	0.028	ppbv	#	1
57) Chlorobenzene	11.539	112	6327	0.037	ppbv	#	73
58) Ethyl Benzene	12.102	91	7326	0.026	ppbv		98
59) m/p-Xylene	12.381	91	8599	0.036	ppbv	#	31
60) o-Xylene	13.073	91	3672	0.016	ppbv	#	30
61) Styrene	12.909	104	1901	0.019	ppbv	#	1
62) Isopropylbenzene	14.034	105	24042	0.070	ppbv		98
63) 1,1,2,2-Tetrachloroethane	13.063	83	3361	0.023	ppbv	#	25
64) n-propylbenzene	14.966	120	213	0.002	ppbv		92
65) tert-Butylbenzene	16.098	119	1842	0.006	ppbv	#	19
66) Benzyl Chloride	16.346	91	137	0.007	ppbv	#	52
67) sec-Butylbenzene	16.645	105	10801	0.025	ppbv	#	37
69) p-Isopropyltoluene	17.002	119	10600	0.030	ppbv	#	45
70) n-Butylbenzene	17.899	91	2212	0.006	ppbv	#	33
71) 2-Chlorotoluene	14.812	91	10723	0.042	ppbv	#	58
72) 4-Ethyltoluene	15.204	105	3816	0.014	ppbv	#	55
73) 1,3,5-Trimethylbenzene	15.368	105	6955	0.030	ppbv		95
74) 1,2,4-Trimethylbenzene	16.121	105	2824	0.011	ppbv	#	63
75) 1,3-Dichlorobenzene	16.346	146	7502	0.045	ppbv	#	14
76) 1,4-Dichlorobenzene	16.487	146	4814	0.030	ppbv	#	1
77) 1,2-Dichlorobenzene	17.150	146	3671	0.022	ppbv	#	1
78) Hexachloro-1,3-Butadiene	22.645	225	991	0.007	ppbv	#	1
79) Naphthalene	21.400	128	2169	0.009	ppbv	#	82
80) Naphthalene,2-methyl-	24.394	142	686	0.003	ppbv	#	32
81) 1,2,4-Trichlorobenzene	21.149	180	1998	0.014	ppbv	#	12

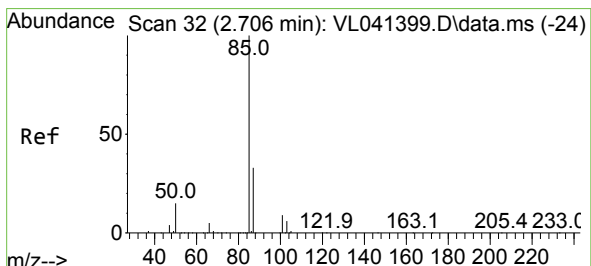
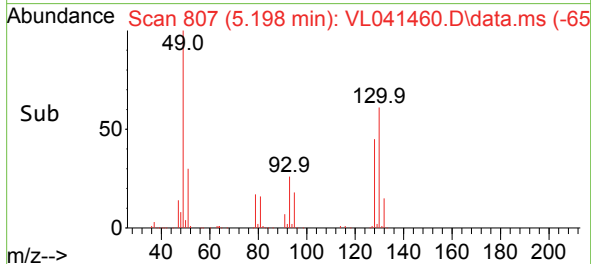
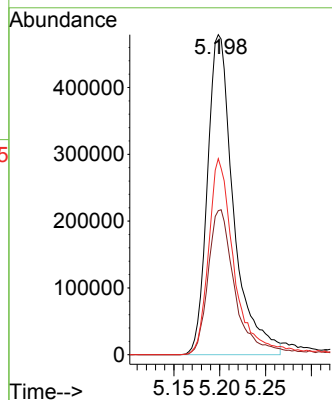
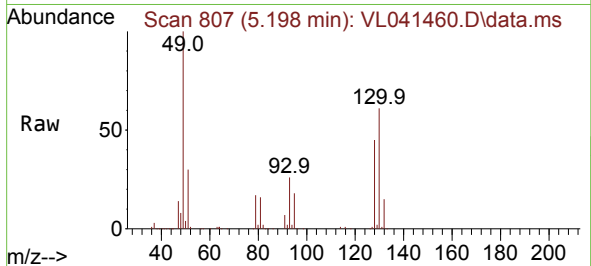
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.198 min Scan# 80
Delta R.T. 0.003 min
Lab File: VL041460.D
Acq: 31 Jul 2024 12:54

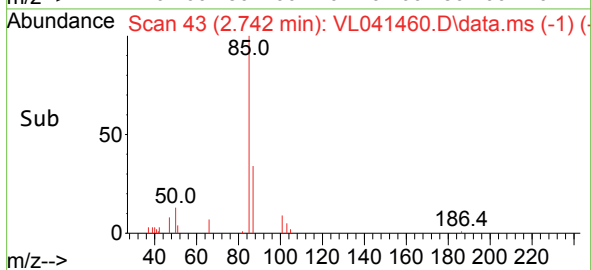
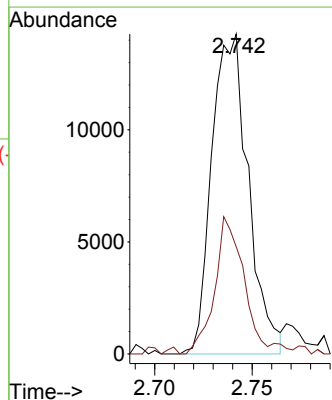
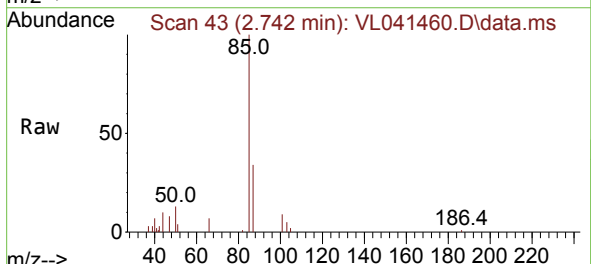
Instrument :
MSVOA_L
ClientSampleId :

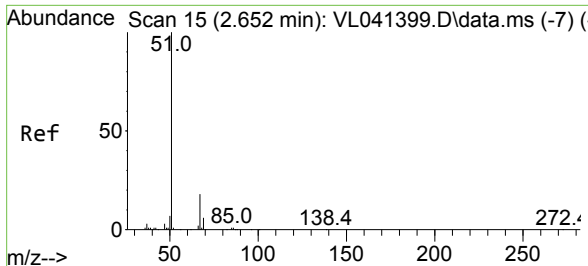
Tgt Ion: 49 Resp: 949925
Ion Ratio Lower Upper
49 100
128 48.2 23.8 71.4
130 62.5 30.8 92.4



#2
Dichlorodifluoromethane
Concen: 0.114 ppbv
RT: 2.742 min Scan# 43
Delta R.T. 0.013 min
Lab File: VL041460.D
Acq: 31 Jul 2024 12:54

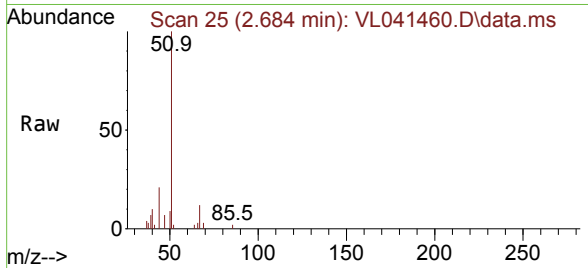
Tgt Ion: 85 Resp: 18581
Ion Ratio Lower Upper
85 100
87 33.5 26.0 39.0



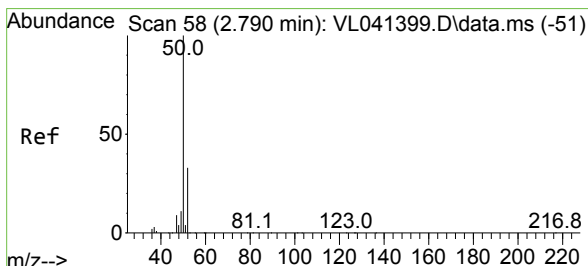
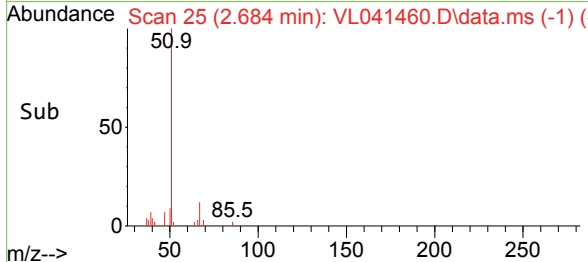
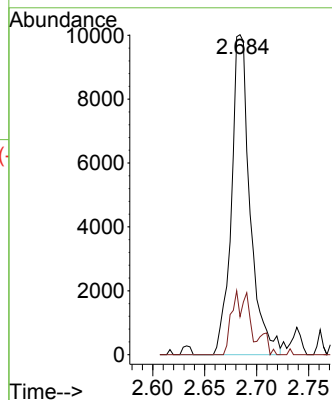


#3
Chlorodifluoromethane
Concen: 0.112 ppbv
RT: 2.684 min Scan# 21
Delta R.T. 0.010 min
Lab File: VL041460.D
Acq: 31 Jul 2024 12:54

Instrument :
MSVOA_L
ClientSampleId :

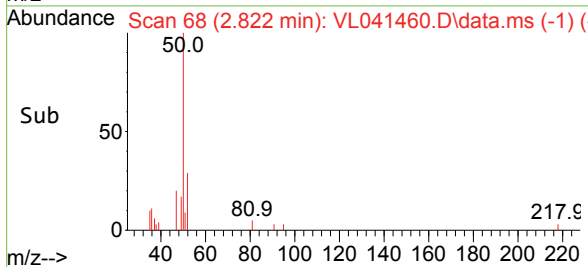
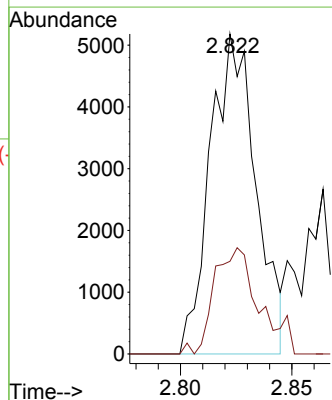
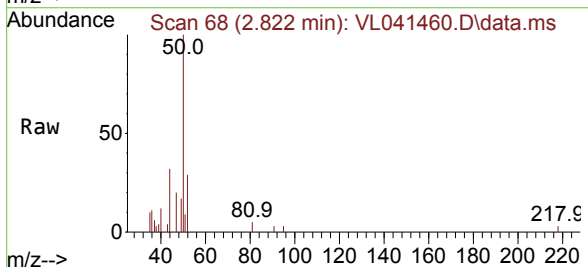


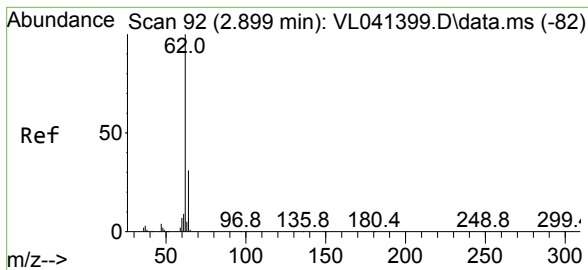
Tgt Ion: 51 Resp: 12643
Ion Ratio Lower Upper
51 100
67 20.9 14.5 21.7



#4
Chloromethane
Concen: 0.123 ppbv
RT: 2.822 min Scan# 68
Delta R.T. 0.010 min
Lab File: VL041460.D
Acq: 31 Jul 2024 12:54

Tgt Ion: 50 Resp: 7368
Ion Ratio Lower Upper
50 100
52 26.5 26.1 39.1

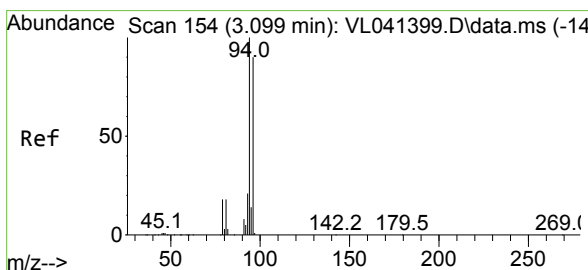
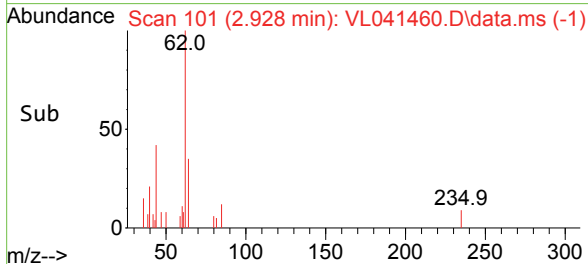
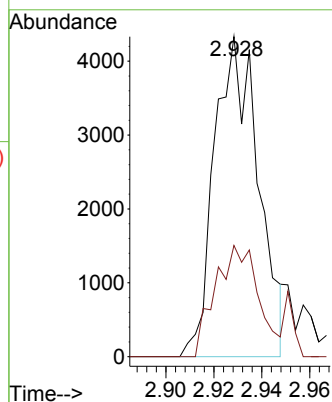
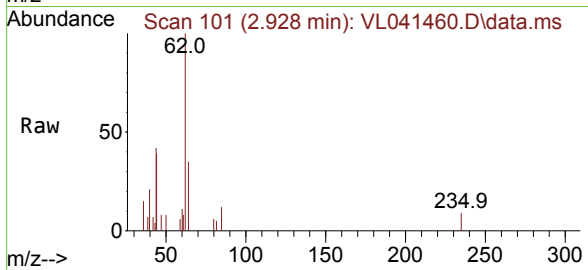




#5
 Vinyl Chloride
 Concen: 0.093 ppbv
 RT: 2.928 min Scan# 101
 Delta R.T. 0.007 min
 Lab File: VL041460.D
 Acq: 31 Jul 2024 12:54

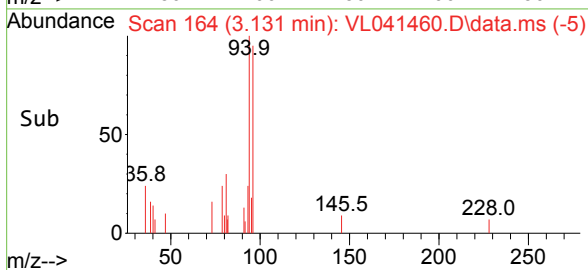
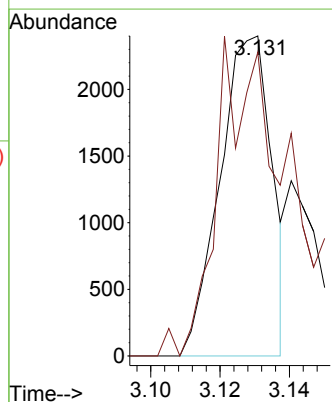
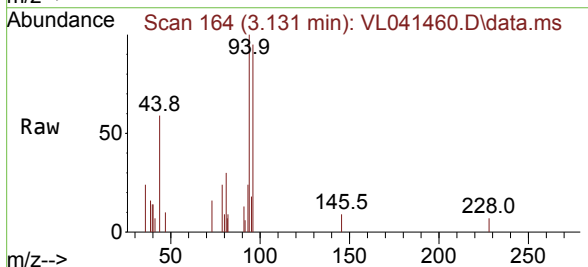
Instrument :
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 ClientSampleId :

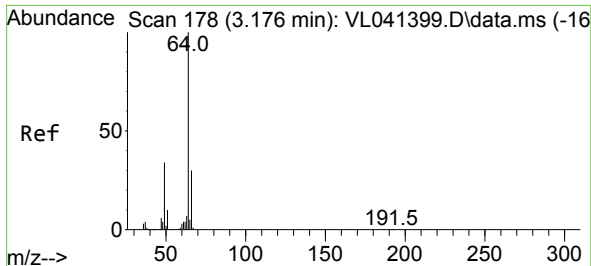
Tgt Ion: 62 Resp: 5505
 Ion Ratio Lower Upper
 62 100
 64 34.8 25.0 37.4



#6
 Bromomethane
 Concen: 0.082 ppbv
 RT: 3.131 min Scan# 164
 Delta R.T. 0.010 min
 Lab File: VL041460.D
 Acq: 31 Jul 2024 12:54

Tgt Ion: 94 Resp: 2493
 Ion Ratio Lower Upper
 94 100
 96 94.9 72.3 108.5

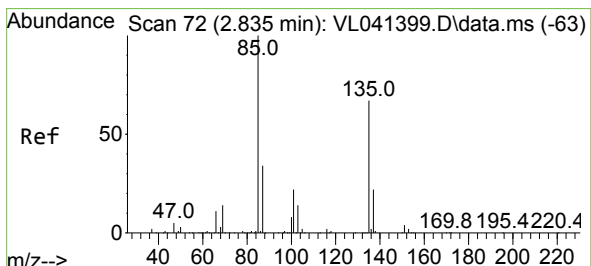
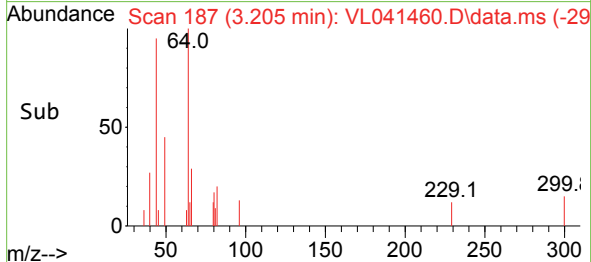
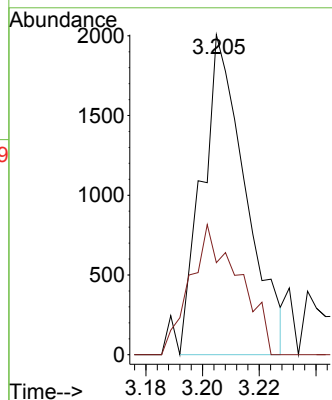
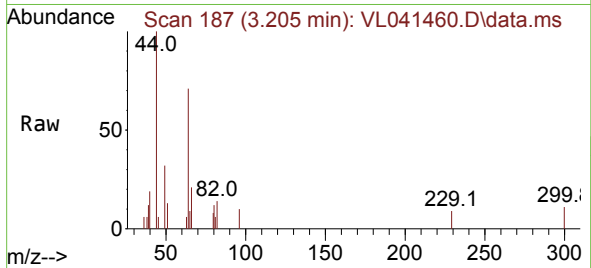




#7
Chloroethane
Concen: 0.104 ppbv
RT: 3.205 min Scan# 11
Delta R.T. 0.007 min
Lab File: VL041460.D
Acq: 31 Jul 2024 12:54

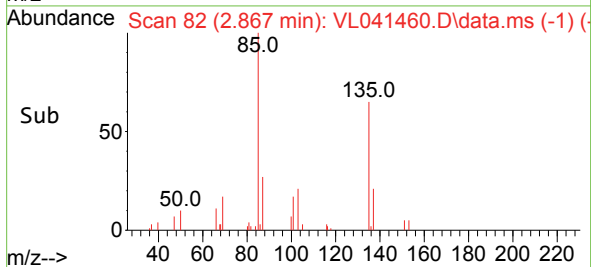
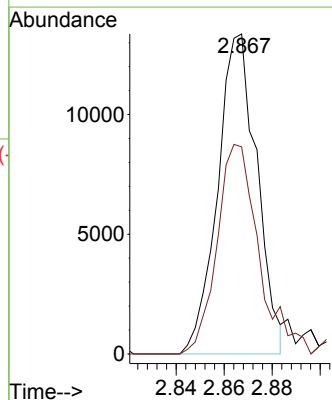
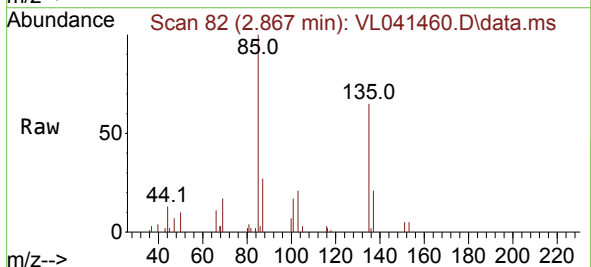
Instrument :
MSVOA_L
ClientSampleId :

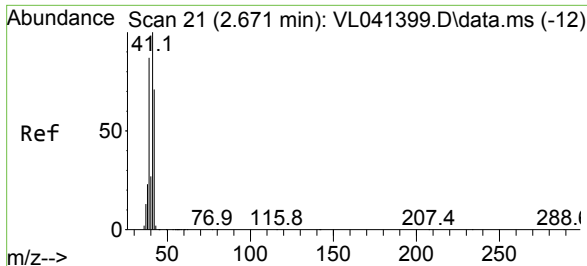
Tgt Ion: 64 Resp: 2133
Ion Ratio Lower Upper
64 100
66 28.7 24.2 36.2



#8
Dichlorotetrafluoroethane
Concen: 0.105 ppbv
RT: 2.867 min Scan# 82
Delta R.T. 0.010 min
Lab File: VL041460.D
Acq: 31 Jul 2024 12:54

Tgt Ion: 85 Resp: 15197
Ion Ratio Lower Upper
85 100
135 70.8 55.4 83.0

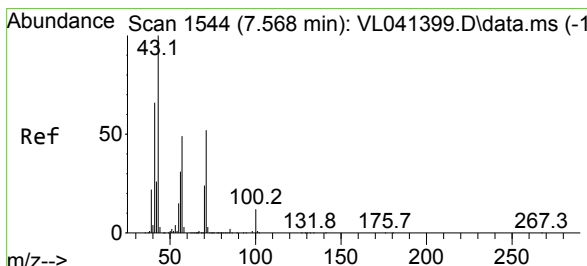
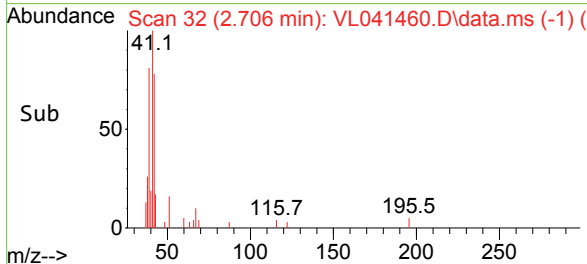
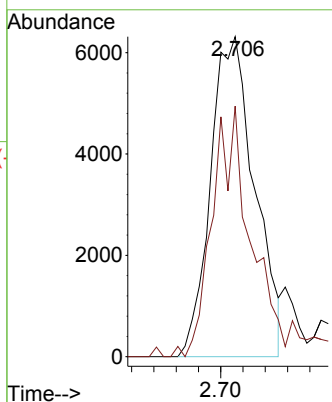
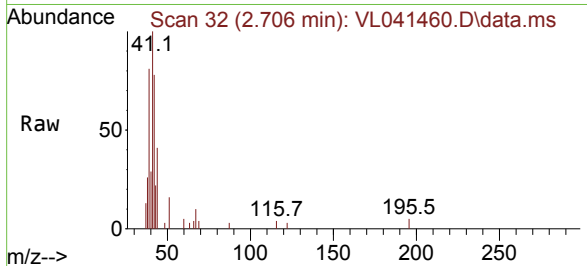




#9
Propene
Concen: 0.167 ppbv
RT: 2.706 min Scan# 31
Delta R.T. 0.013 min
Lab File: VL041460.D
Acq: 31 Jul 2024 12:54

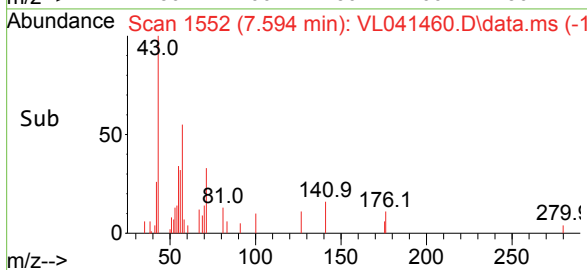
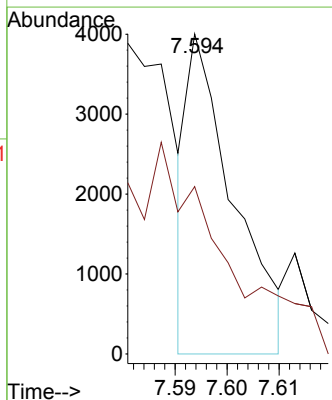
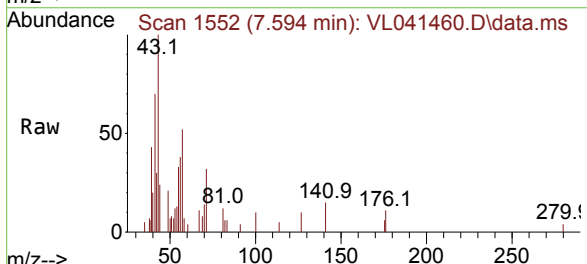
Instrument :
MSVOA_L
ClientSampleId :

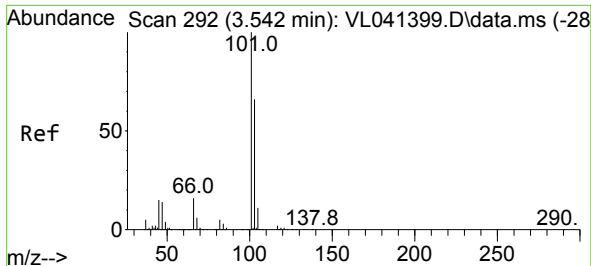
Tgt Ion: 41 Resp: 8692
Ion Ratio Lower Upper
41 100
42 75.2 55.9 83.9



#10
Heptane
Concen: 0.021 ppbv
RT: 7.594 min Scan# 1552
Delta R.T. 0.010 min
Lab File: VL041460.D
Acq: 31 Jul 2024 12:54

Tgt Ion: 43 Resp: 2461
Ion Ratio Lower Upper
43 100
57 179.2 40.5 60.7#

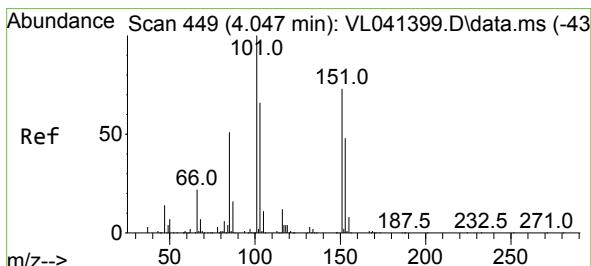
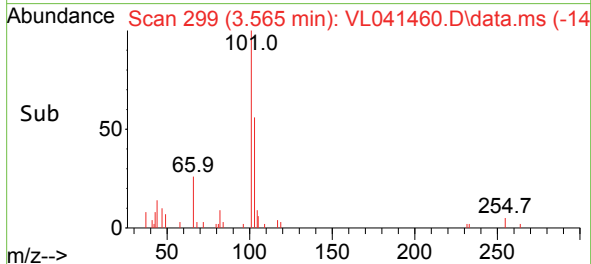
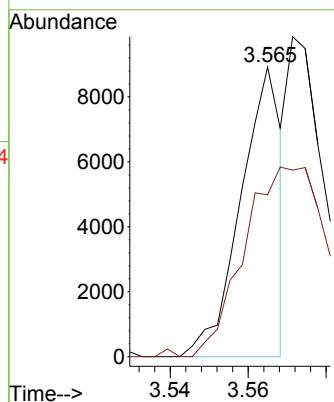
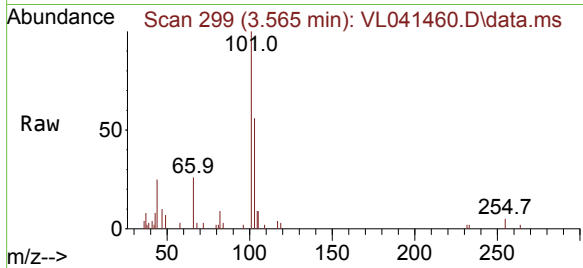




#11
 Trichlorofluoromethane
 Concen: 0.045 ppbv
 RT: 3.565 min Scan# 299
 Delta R.T. 0.000 min
 Lab File: VL041460.D
 Acq: 31 Jul 2024 12:54

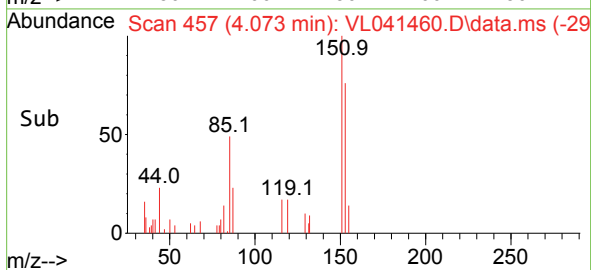
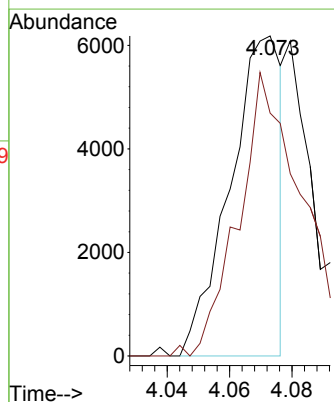
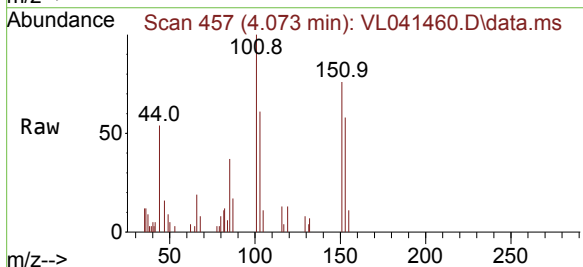
Instrument :
 MSVOA_L
 ClientSampleId :

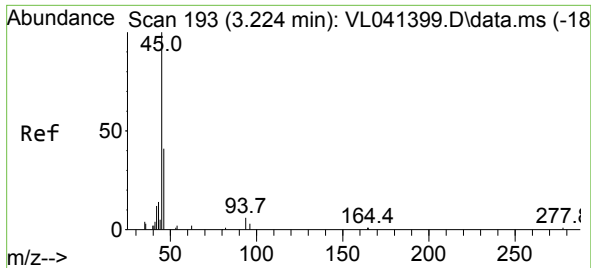
Tgt Ion:101 Resp: 6459
 Ion Ratio Lower Upper
 101 100
 103 55.9 52.6 79.0



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.067 ppbv
 RT: 4.073 min Scan# 457
 Delta R.T. 0.007 min
 Lab File: VL041460.D
 Acq: 31 Jul 2024 12:54

Tgt Ion:101 Resp: 7053
 Ion Ratio Lower Upper
 101 100
 151 116.9 59.4 89.2#

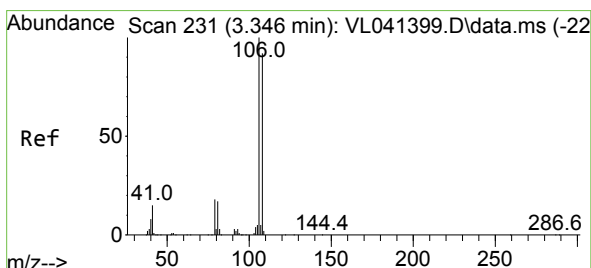
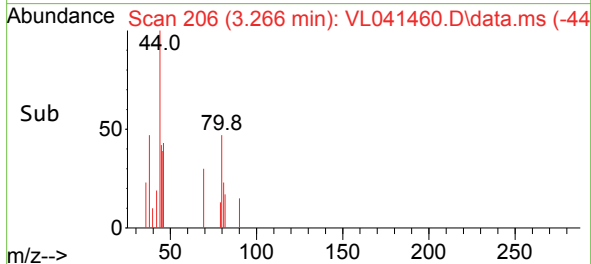
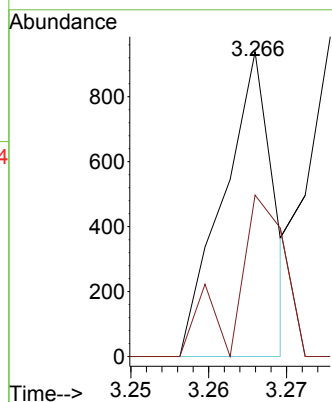
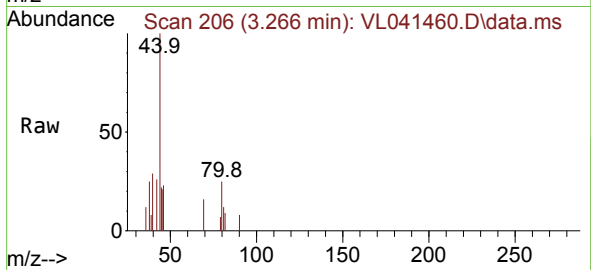




#13
Ethanol
Concen: 0.091 ppbv
RT: 3.266 min Scan# 206
Delta R.T. 0.019 min
Lab File: VL041460.D
Acq: 31 Jul 2024 12:54

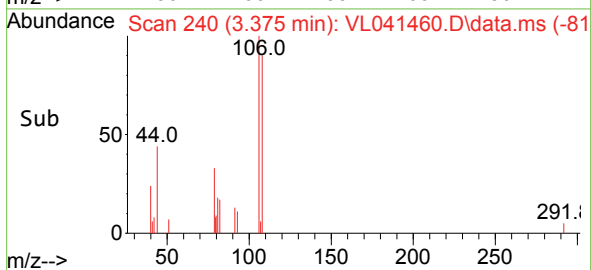
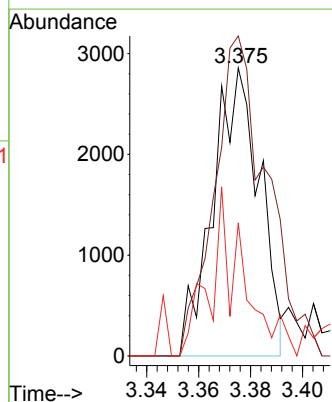
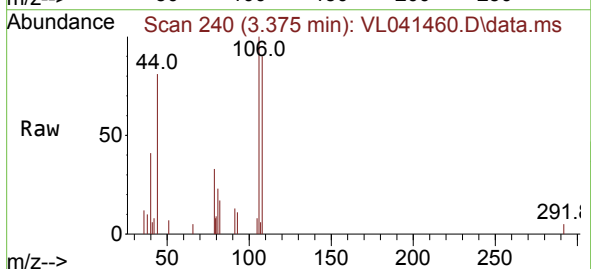
Instrument :
MSVOA_L
ClientSampleId :

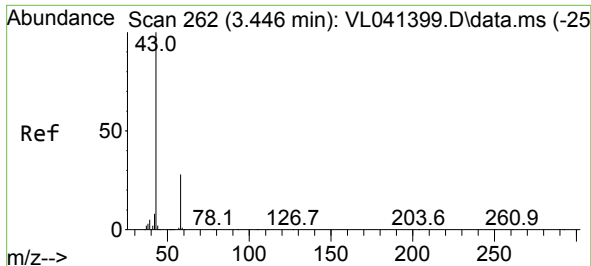
Tgt Ion: 45 Resp: 422
Ion Ratio Lower Upper
45 100
46 50.9 13.4 53.4



#14
Bromoethene
Concen: 0.088 ppbv
RT: 3.375 min Scan# 240
Delta R.T. 0.010 min
Lab File: VL041460.D
Acq: 31 Jul 2024 12:54

Tgt Ion:108 Resp: 3572
Ion Ratio Lower Upper
108 100
106 124.8 86.9 130.3
79 44.1 16.2 24.4#

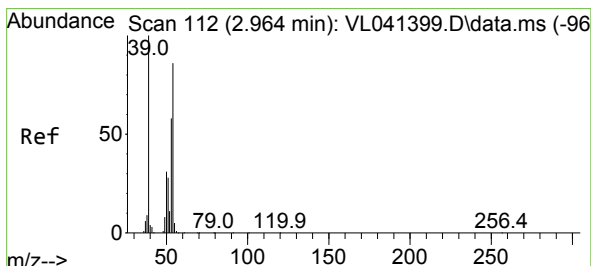
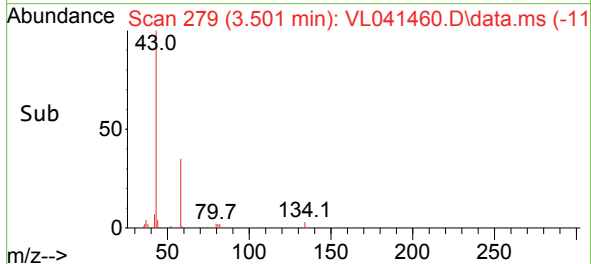
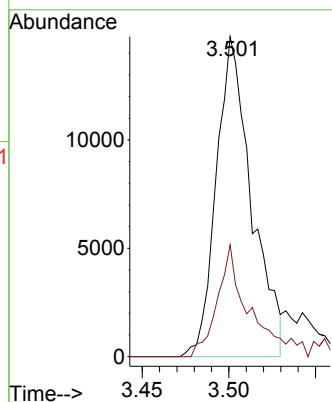
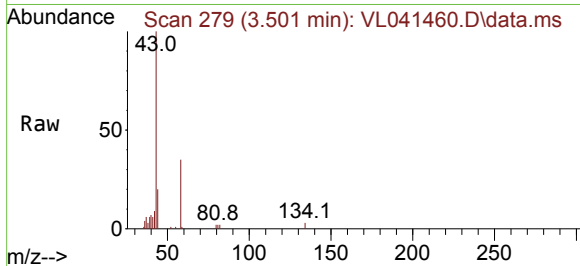




#15
Acetone
Concen: 0.194 ppbv
RT: 3.501 min Scan# 21
Delta R.T. 0.032 min
Lab File: VL041460.D
Acq: 31 Jul 2024 12:54

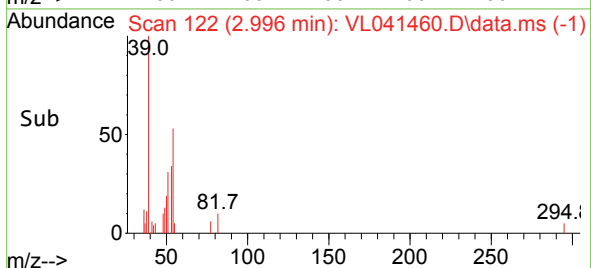
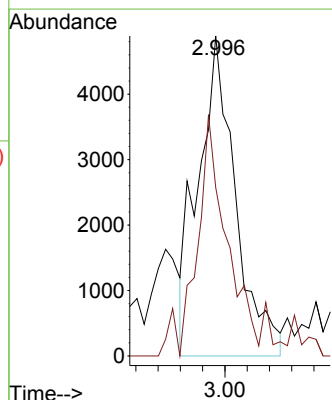
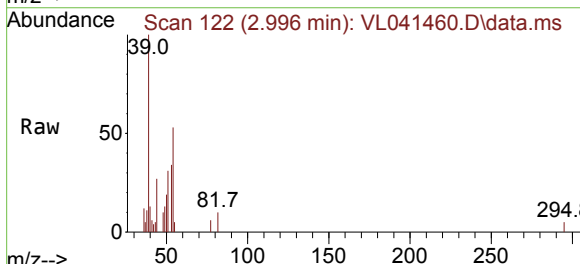
Instrument :
MSVOA_L
ClientSampleId :

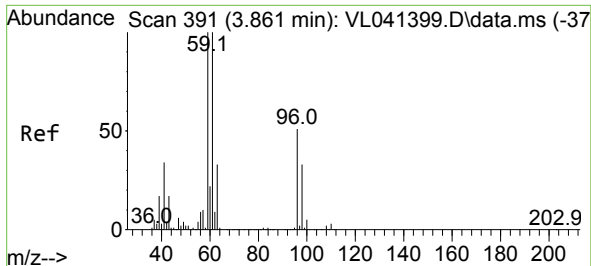
Tgt Ion: 43 Resp: 20899
Ion Ratio Lower Upper
43 100
58 34.8 21.4 32.2#



#16
1,3-Butadiene
Concen: 0.099 ppbv
RT: 2.996 min Scan# 122
Delta R.T. 0.010 min
Lab File: VL041460.D
Acq: 31 Jul 2024 12:54

Tgt Ion: 39 Resp: 5701
Ion Ratio Lower Upper
39 100
54 64.0 62.5 93.7





#17

tert-Butyl alcohol

Concen: 0.004 ppbv

RT: 3.890 min Scan# 40

Delta R.T. 0.013 min

Lab File: VL041460.D

Acq: 31 Jul 2024 12:54

Instrument :

MSVOA_L

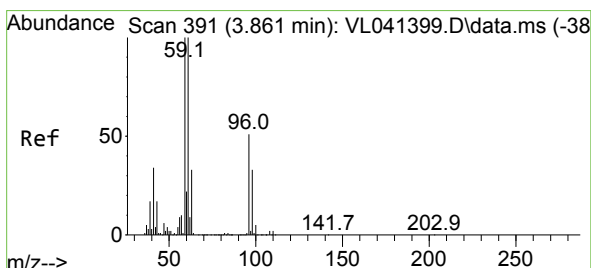
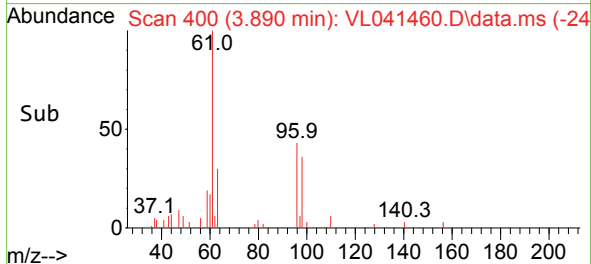
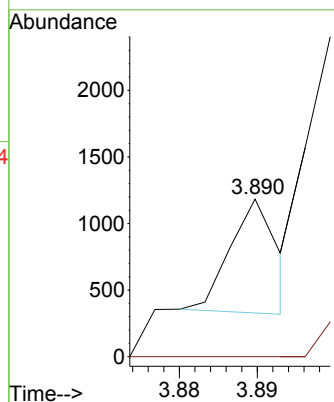
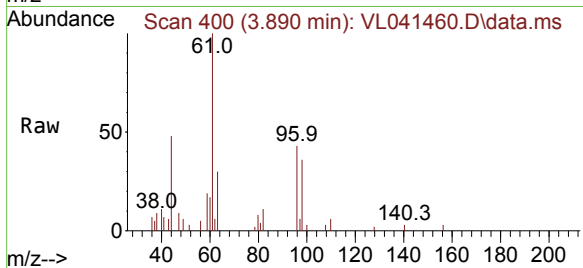
ClientSampleId :

Tgt Ion: 59 Resp: 356

Ion Ratio Lower Upper

59 100

57 0.0 8.6 12.8#



#18

1,1-Dichloroethene

Concen: 0.081 ppbv

RT: 3.886 min Scan# 399

Delta R.T. 0.007 min

Lab File: VL041460.D

Acq: 31 Jul 2024 12:54

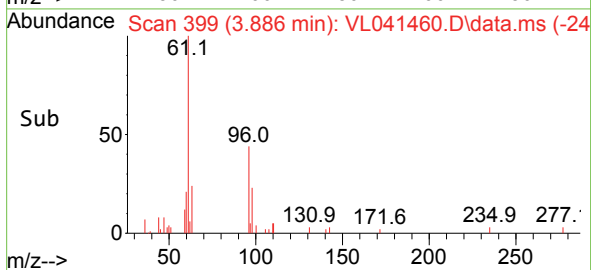
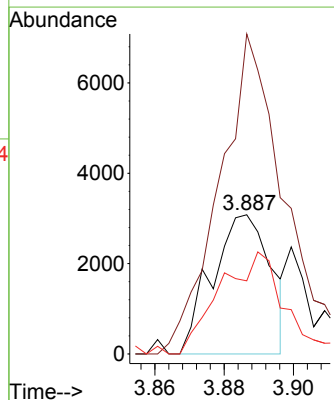
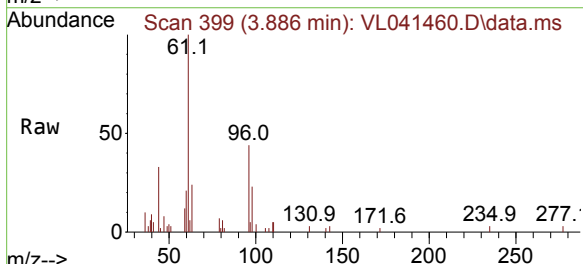
Tgt Ion: 96 Resp: 3610

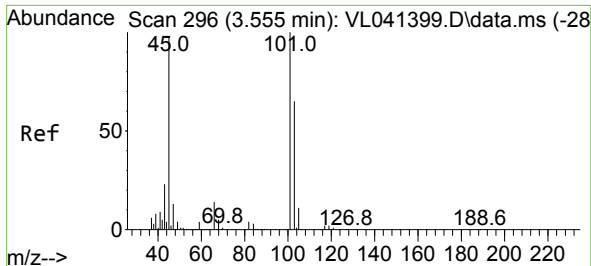
Ion Ratio Lower Upper

96 100

61 206.2 157.5 236.3

98 52.5 51.2 76.8

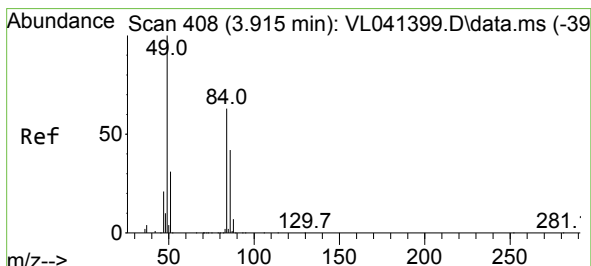
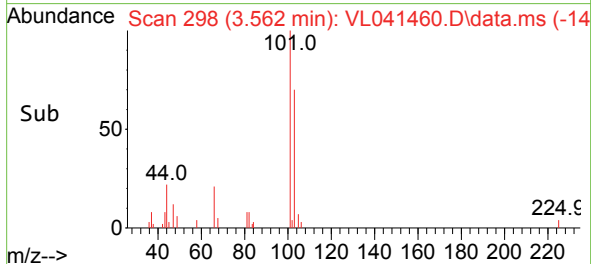
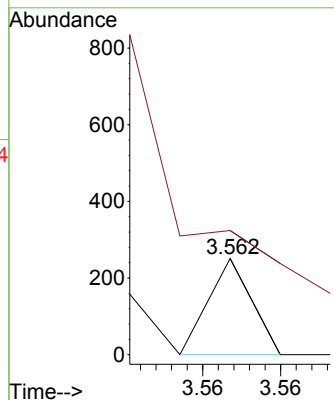
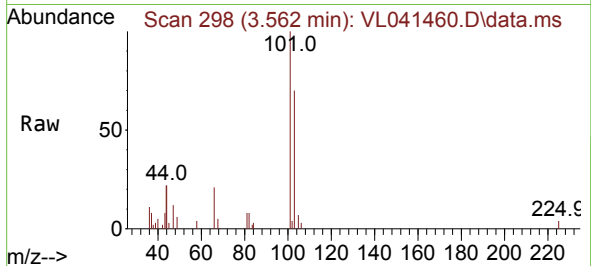




#19
Isopropyl Alcohol
Concen: 0.001 ppbv
RT: 3.562 min Scan# 296
Delta R.T. -0.013 min
Lab File: VL041460.D
Acq: 31 Jul 2024 12:54

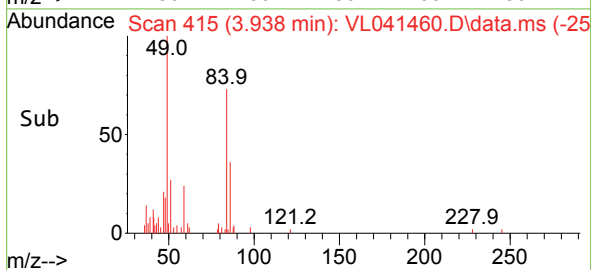
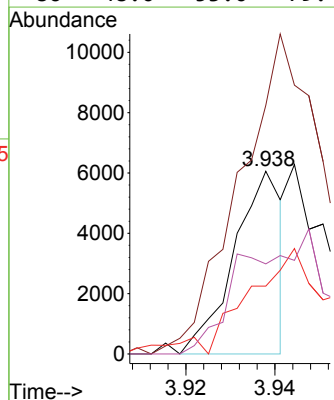
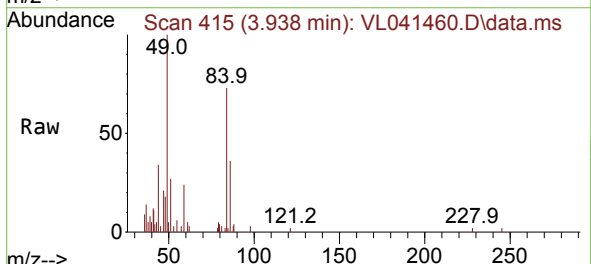
Instrument :
MSVOA_L
ClientSampleId :

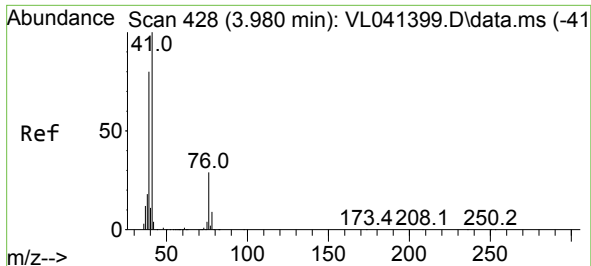
Tgt Ion: 45 Resp: 48
Ion Ratio Lower Upper
45 100
58 0.0 1.9 2.9#



#20
Methylene Chloride
Concen: 0.113 ppbv
RT: 3.938 min Scan# 415
Delta R.T. 0.003 min
Lab File: VL041460.D
Acq: 31 Jul 2024 12:54

Tgt Ion: 84 Resp: 4548
Ion Ratio Lower Upper
84 100
49 130.7 126.6 190.0
51 30.5 38.6 58.0#
86 48.0 53.0 79.4#

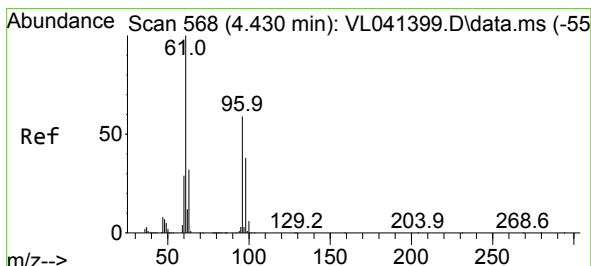
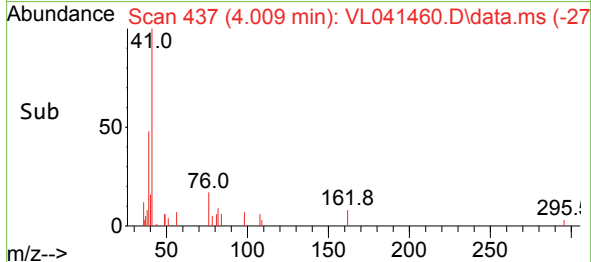
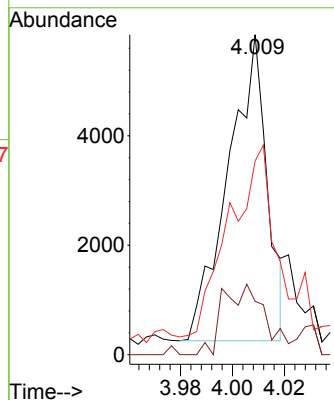
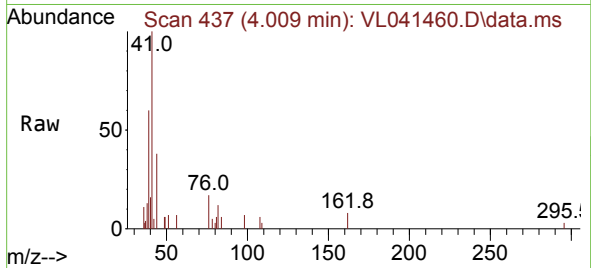




#21
 Allyl Chloride
 Concen: 0.082 ppbv
 RT: 4.009 min Scan# 41
 Delta R.T. 0.013 min
 Lab File: VL041460.D
 Acq: 31 Jul 2024 12:54

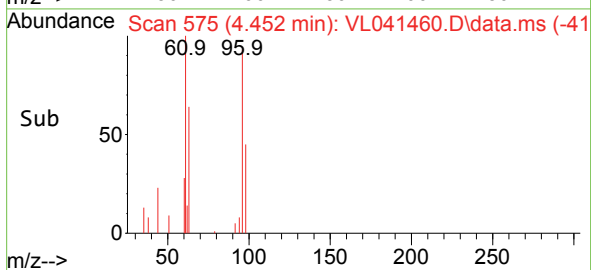
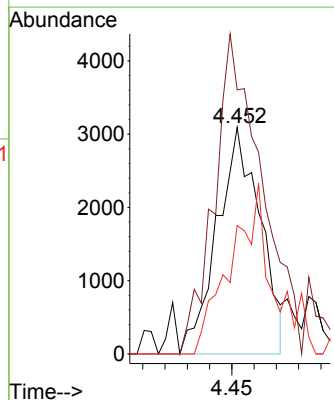
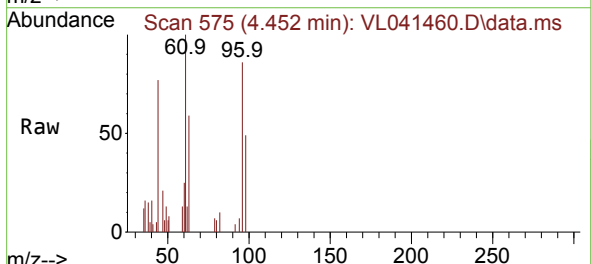
Instrument :
 MSVOA_L
 ClientSampleId :

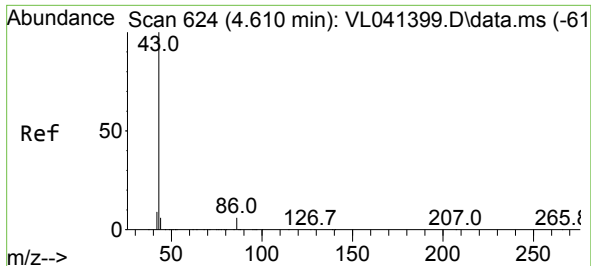
Tgt Ion: 41 Resp: 5801
 Ion Ratio Lower Upper
 41 100
 76 30.8 23.7 35.5
 39 120.0 64.3 96.5#



#22
 trans-1,2-Dichloroethene
 Concen: 0.093 ppbv
 RT: 4.452 min Scan# 575
 Delta R.T. 0.007 min
 Lab File: VL041460.D
 Acq: 31 Jul 2024 12:54

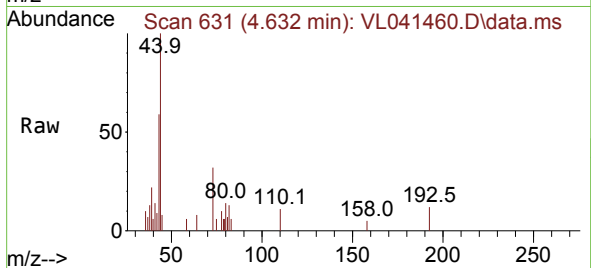
Tgt Ion: 96 Resp: 4158
 Ion Ratio Lower Upper
 96 100
 61 116.6 135.4 203.2#
 98 56.6 51.0 76.4



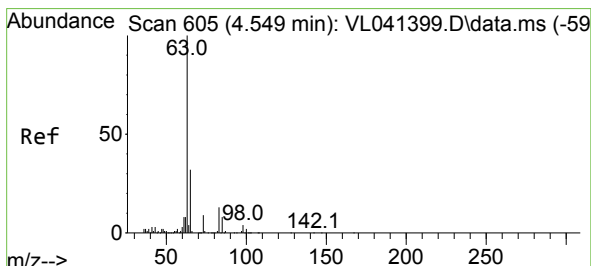
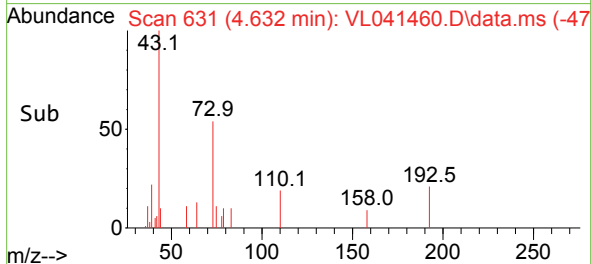
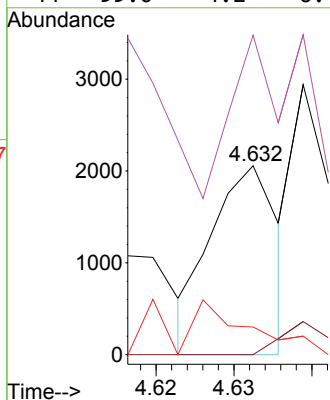


#23
Vinyl Acetate
Concen: 0.015 ppbv
RT: 4.632 min Scan# 61
Delta R.T. 0.003 min
Lab File: VL041460.D
Acq: 31 Jul 2024 12:54

Instrument :
MSVOA_L
ClientSampleId :

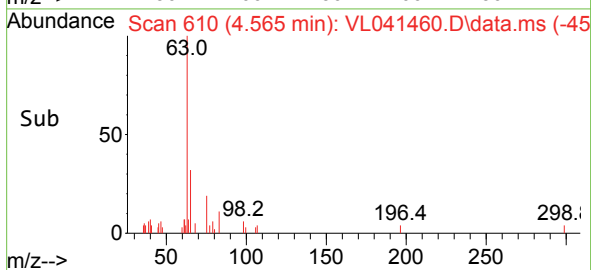
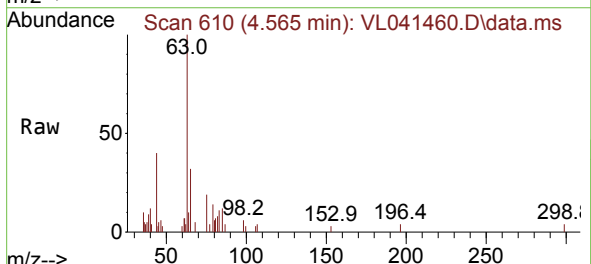
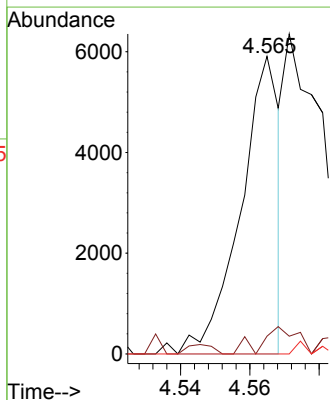


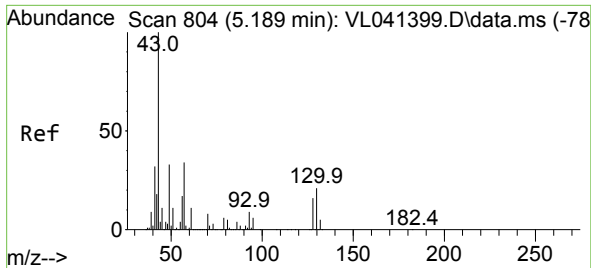
Tgt Ion: 43 Resp: 1223
Ion Ratio Lower Upper
43 100
86 0.0 4.6 6.8#
42 20.8 7.9 11.9#
44 99.0 4.2 6.4#



#24
1,1-Dichloroethane
Concen: 0.047 ppbv
RT: 4.565 min Scan# 610
Delta R.T. 0.000 min
Lab File: VL041460.D
Acq: 31 Jul 2024 12:54

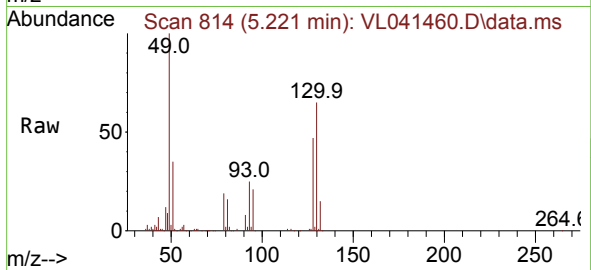
Tgt Ion: 63 Resp: 4607
Ion Ratio Lower Upper
63 100
98 6.0 2.0 6.0
100 0.0 1.2 3.6#



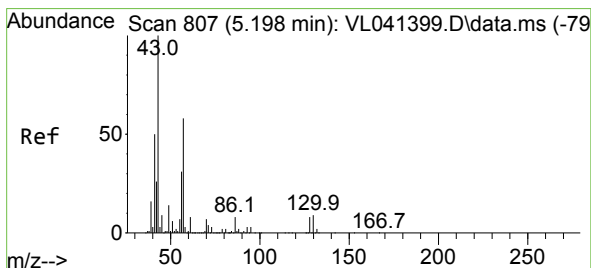
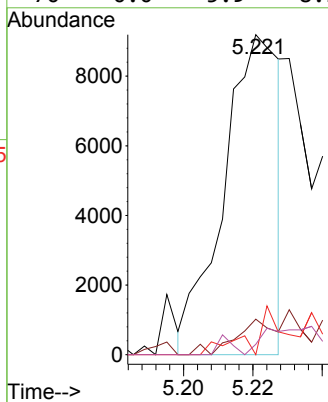
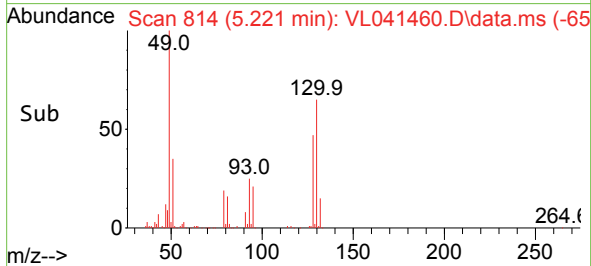


#25
Ethyl Acetate
Concen: 0.047 ppbv
RT: 5.221 min Scan# 814
Delta R.T. 0.016 min
Lab File: VL041460.D
Acq: 31 Jul 2024 12:54

Instrument :
MSVOA_L
ClientSampleId :

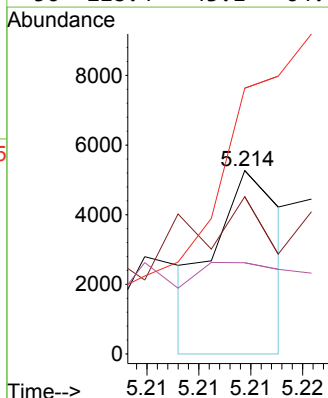
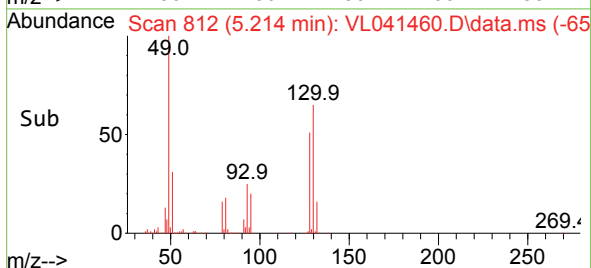
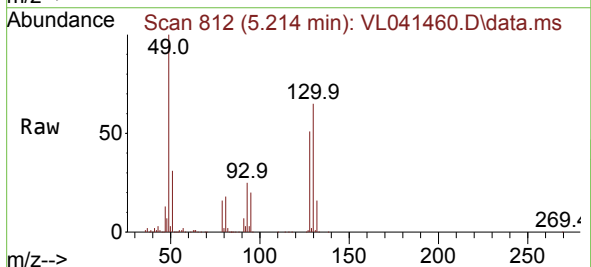


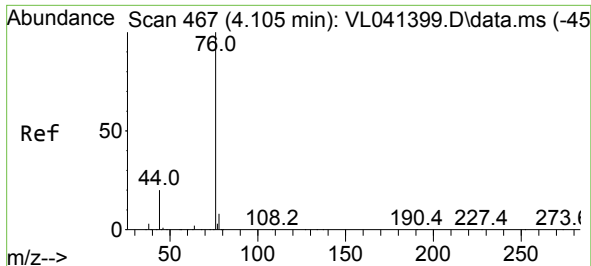
Tgt Ion: 43	Resp: 10155
Ion Ratio	Lower Upper
43	100
45	0.0 8.5 12.7#
61	16.5 8.0 12.0#
70	0.0 5.9 8.9#



#26
Hexane
Concen: 0.026 ppbv
RT: 5.214 min Scan# 812
Delta R.T. 0.000 min
Lab File: VL041460.D
Acq: 31 Jul 2024 12:54

Tgt Ion: 57	Resp: 2347
Ion Ratio	Lower Upper
57	100
41	0.0 74.0 111.0#
43	0.0 193.6 290.4#
56	218.4 43.1 64.7#

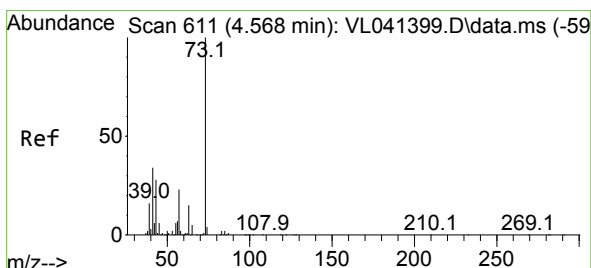
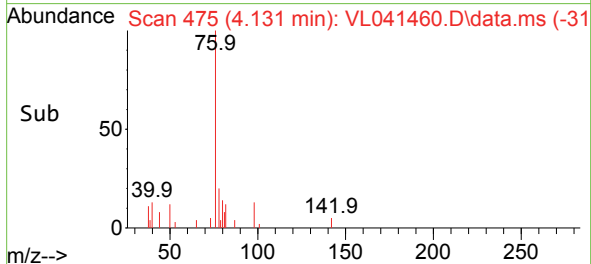
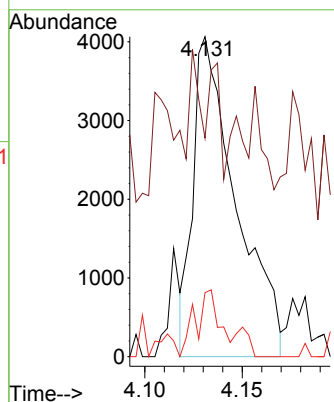
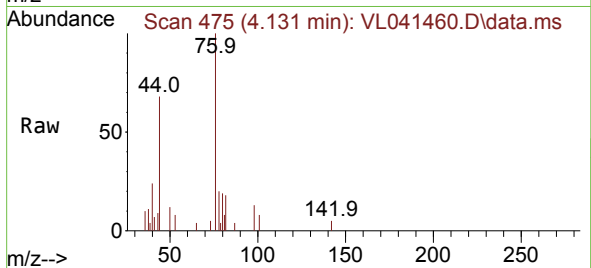




#27
Carbon Disulfide
Concen: 0.060 ppbv
RT: 4.131 min Scan# 41
Delta R.T. 0.007 min
Lab File: VL041460.D
Acq: 31 Jul 2024 12:54

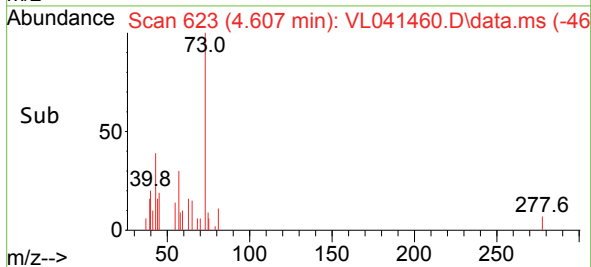
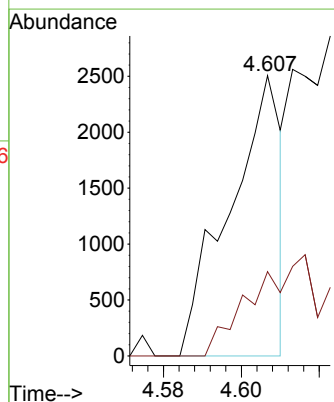
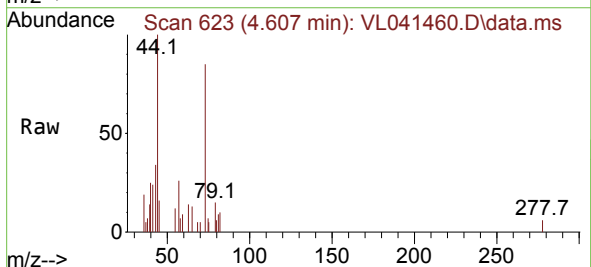
Instrument :
MSVOA_L
ClientSampleId :

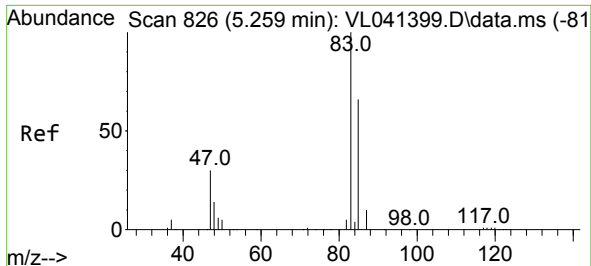
Tgt Ion: 76 Resp: 6242
Ion Ratio Lower Upper
76 100
44 54.8 15.6 23.4#
78 14.4 7.7 11.5#



#28
Methyl tert-Butyl Ether
Concen: 0.041 ppbv
RT: 4.607 min Scan# 623
Delta R.T. 0.019 min
Lab File: VL041460.D
Acq: 31 Jul 2024 12:54

Tgt Ion: 73 Resp: 2312
Ion Ratio Lower Upper
73 100
57 0.0 18.9 28.3#





#29

Chloroform

Concen: 0.001 ppbv

RT: 5.346 min Scan# 81

Delta R.T. 0.071 min

Lab File: VL041460.D

Acq: 31 Jul 2024 12:54

Instrument :

MSVOA_L

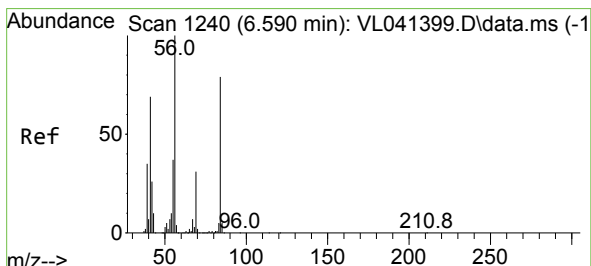
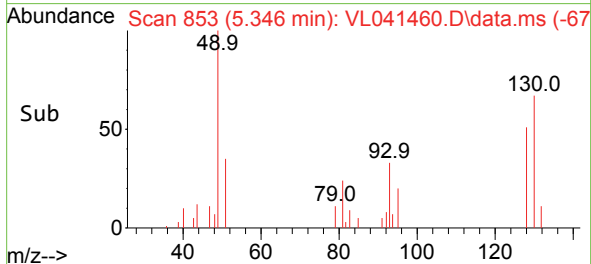
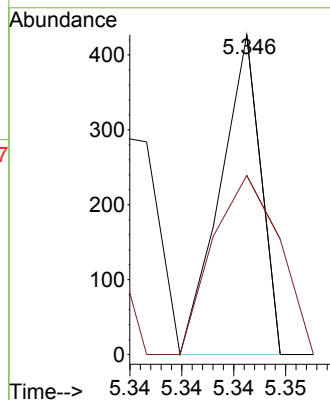
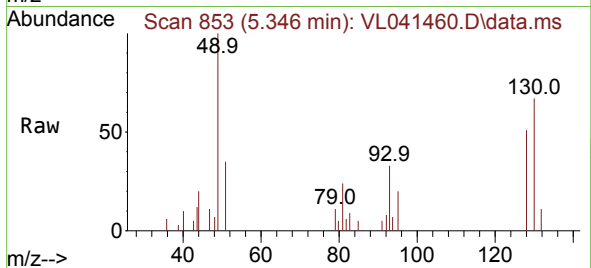
ClientSampleId :

Tgt Ion: 83 Resp: 115

Ion Ratio Lower Upper

83 100

85 56.0 53.1 79.7



#30

Cyclohexane

Concen: 0.009 ppbv

RT: 6.616 min Scan# 1248

Delta R.T. 0.010 min

Lab File: VL041460.D

Acq: 31 Jul 2024 12:54

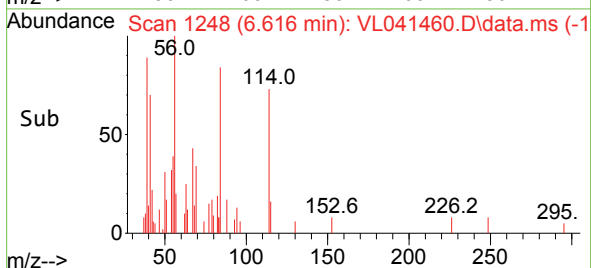
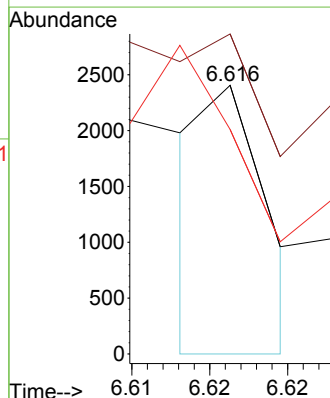
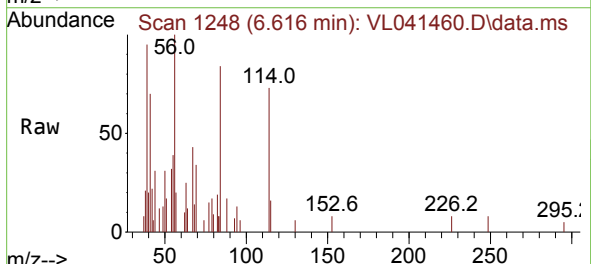
Tgt Ion: 84 Resp: 650

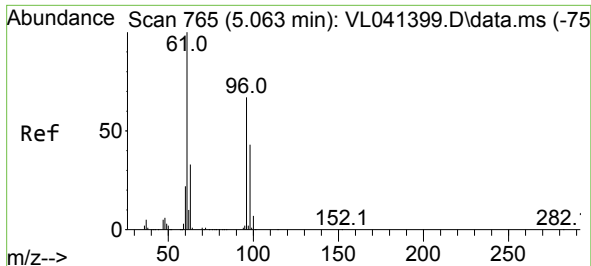
Ion Ratio Lower Upper

84 100

56 0.0 111.2 166.8#

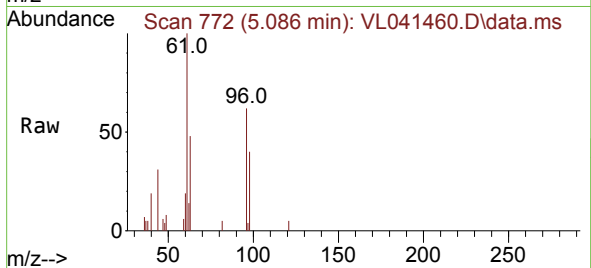
41 929.8 70.3 105.5#



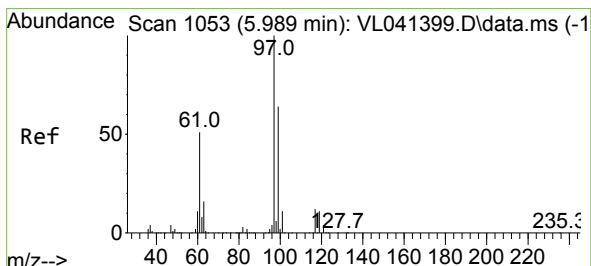
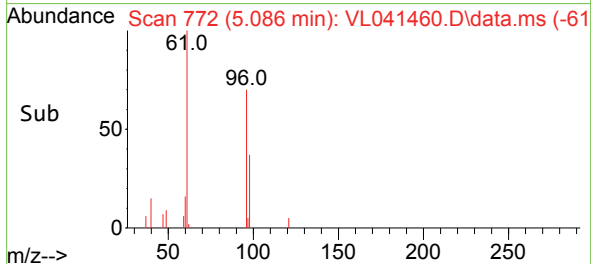
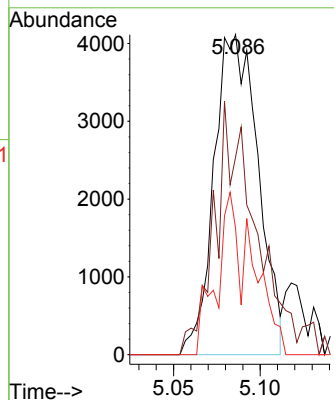


#31
 cis-1,2-Dichloroethene
 Concen: 0.083 ppbv
 RT: 5.086 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: VL041460.D
 Acq: 31 Jul 2024 12:54

Instrument :
 MSVOA_L
 ClientSampleId :

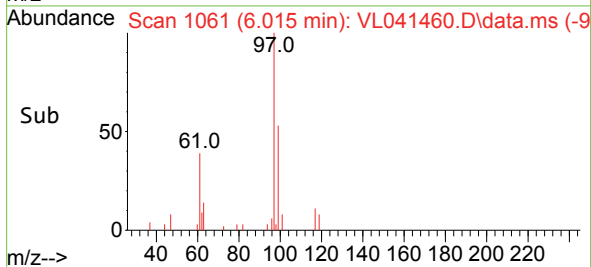
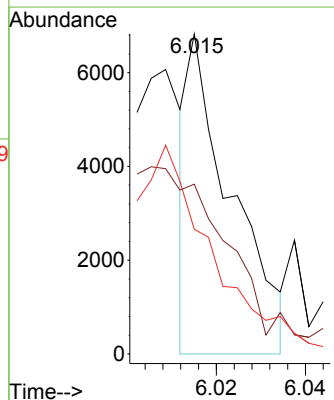
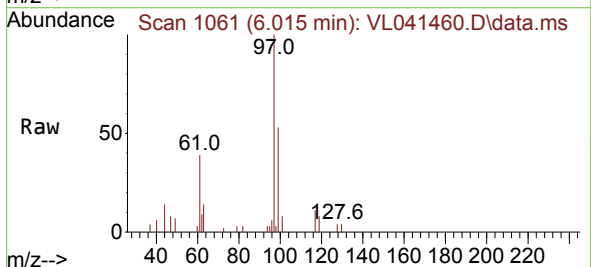


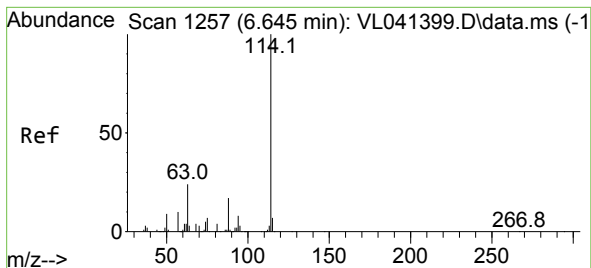
Tgt Ion: 61	Resp: 7278
Ion Ratio	Lower Upper
61 100	
96 61.7	53.4 80.2
98 39.5	34.4 51.6



#32
 1,1,1-Trichloroethane
 Concen: 0.033 ppbv
 RT: 6.015 min Scan# 1061
 Delta R.T. 0.007 min
 Lab File: VL041460.D
 Acq: 31 Jul 2024 12:54

Tgt Ion: 97	Resp: 4614
Ion Ratio	Lower Upper
97 100	
99 0.0	52.0 78.0#
61 0.0	41.8 62.8#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.658 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL041460.D

Acq: 31 Jul 2024 12:54

Instrument :

MSVOA_L

ClientSampleId :

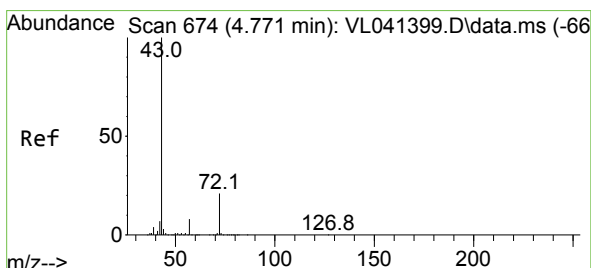
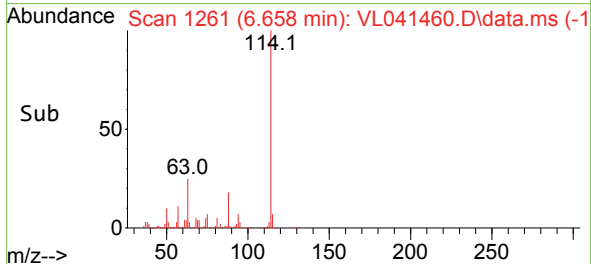
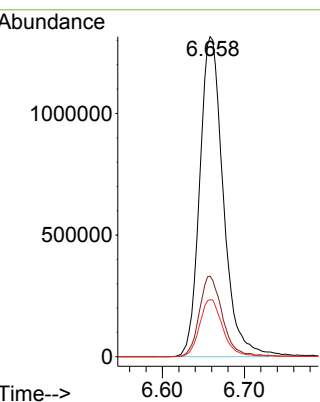
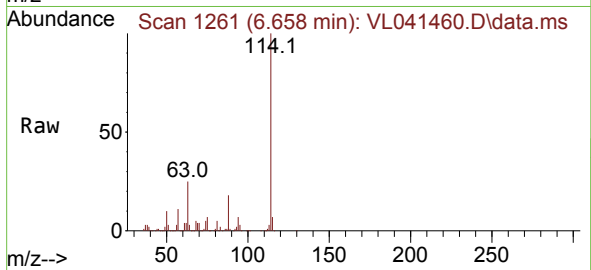
Tgt Ion:114 Resp: 2621215

Ion Ratio Lower Upper

114 100

63 25.1 20.3 30.5

88 17.9 14.3 21.5



#34

2-Butanone

Concen: 0.001 ppbv

RT: 4.790 min Scan# 680

Delta R.T. 0.003 min

Lab File: VL041460.D

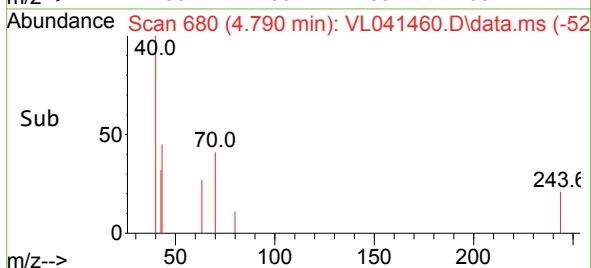
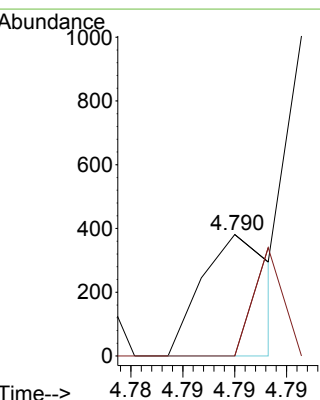
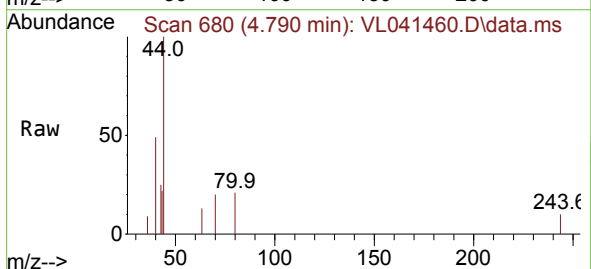
Acq: 31 Jul 2024 12:54

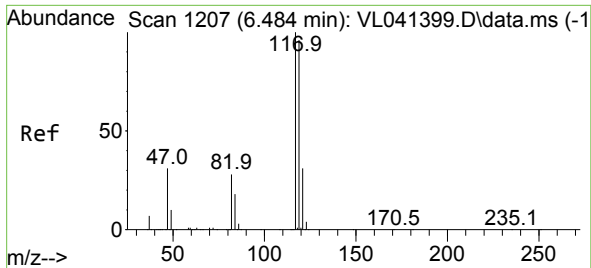
Tgt Ion: 43 Resp: 178

Ion Ratio Lower Upper

43 100

72 0.0 17.3 25.9#

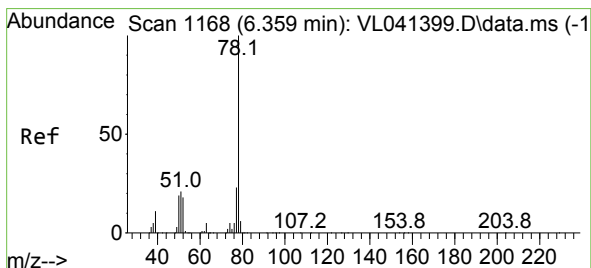
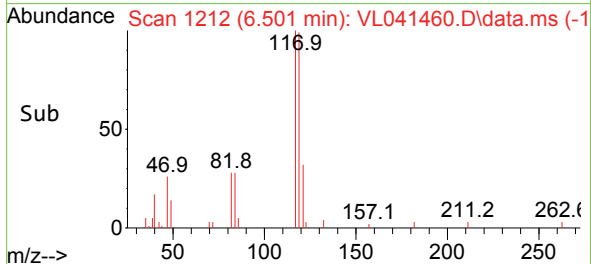
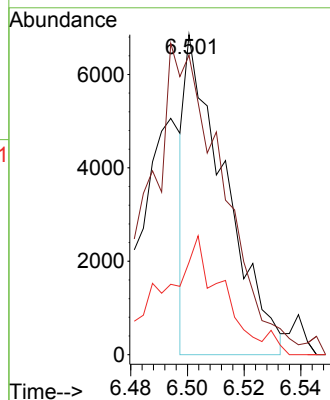
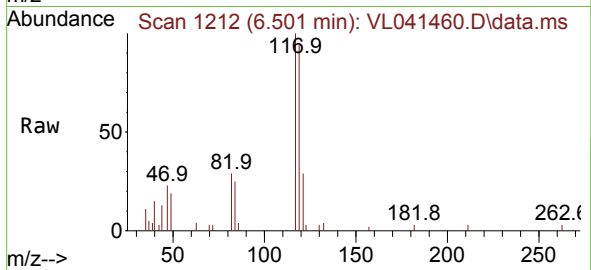




#35
Carbon Tetrachloride
Concen: 0.046 ppbv
RT: 6.501 min Scan# 1173
Delta R.T. 0.003 min
Lab File: VL041460.D
Acq: 31 Jul 2024 12:54

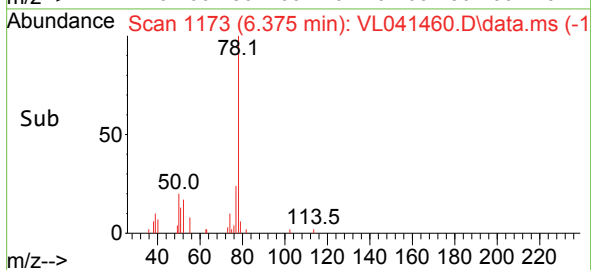
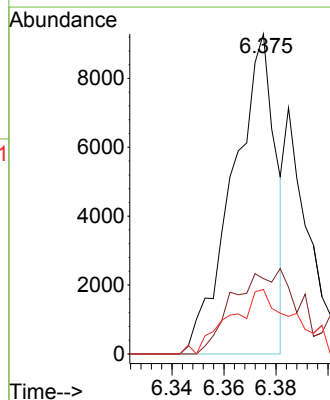
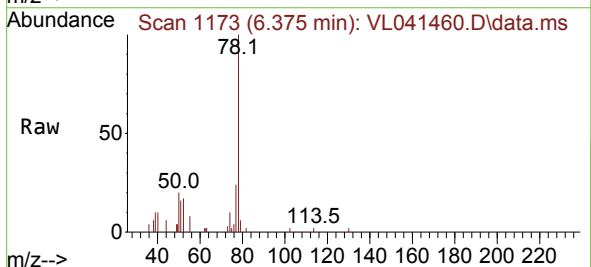
Instrument :
MSVOA_L
ClientSampleId :

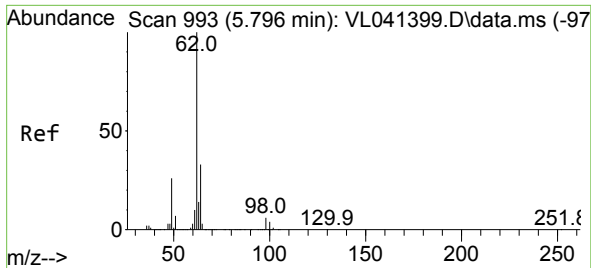
Tgt Ion:117 Resp: 6635
Ion Ratio Lower Upper
117 100
119 91.4 76.6 115.0
121 27.7 25.1 37.7



#36
Benzene
Concen: 0.055 ppbv
RT: 6.375 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VL041460.D
Acq: 31 Jul 2024 12:54

Tgt Ion: 78 Resp: 10523
Ion Ratio Lower Upper
78 100
77 23.6 18.1 27.1
50 18.4 15.5 23.3





#37

1,2-Dichloroethane

Concen: 0.062 ppbv

RT: 5.812 min Scan# 99

Delta R.T. 0.003 min

Lab File: VL041460.D

Acq: 31 Jul 2024 12:54

Instrument :

MSVOA_L

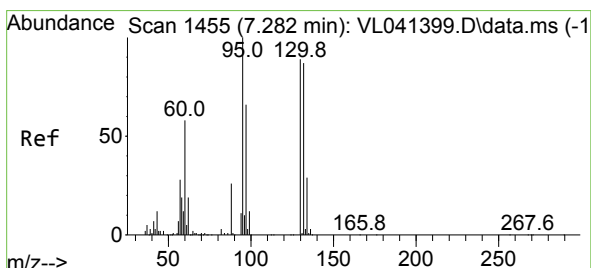
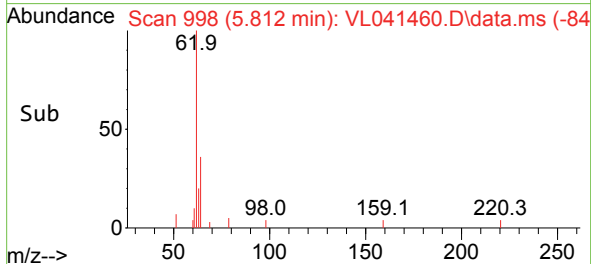
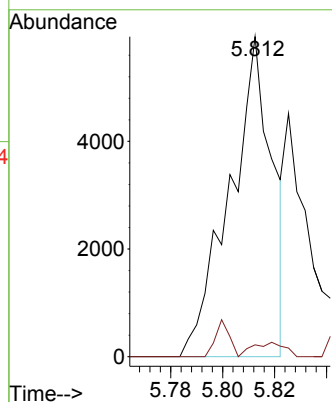
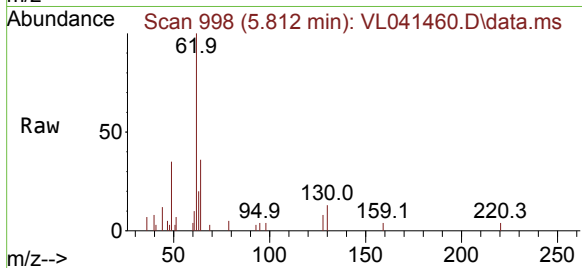
ClientSampleId :

Tgt Ion: 62 Resp: 6695

Ion Ratio Lower Upper

62 100

98 7.2 5.0 7.4



#38

Trichloroethene

Concen: 0.084 ppbv

RT: 7.298 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VL041460.D

Acq: 31 Jul 2024 12:54

Tgt Ion:130 Resp: 7351

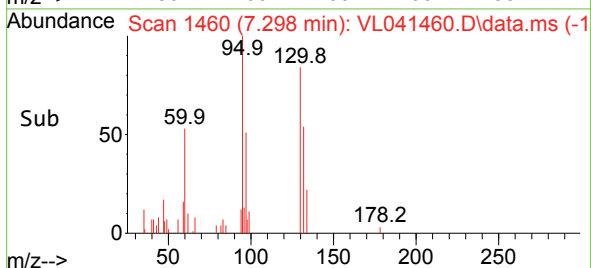
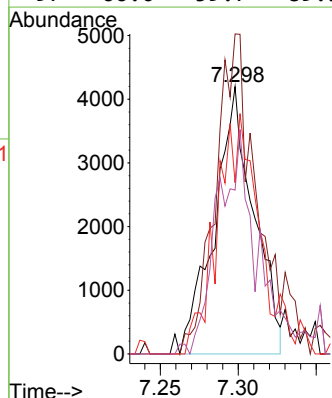
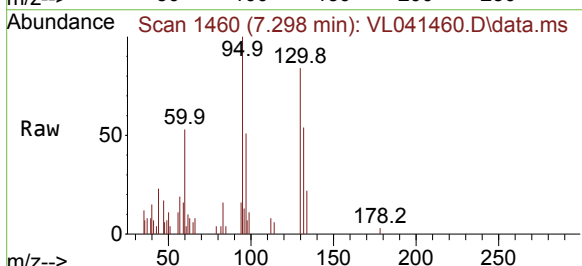
Ion Ratio Lower Upper

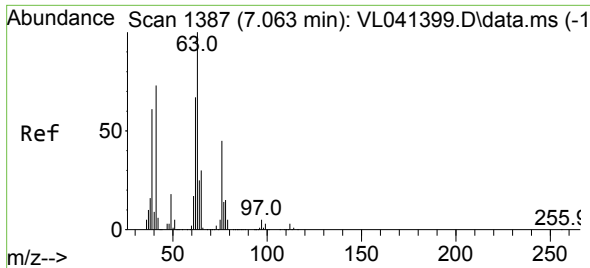
130 100

95 119.7 90.2 135.2

132 64.1 78.1 117.1#

97 66.0 59.7 89.5





#39

1,2-Dichloropropane

Concen: 8.691 ppbv

RT: 6.658 min Scan# 11

Delta R.T. -0.418 min

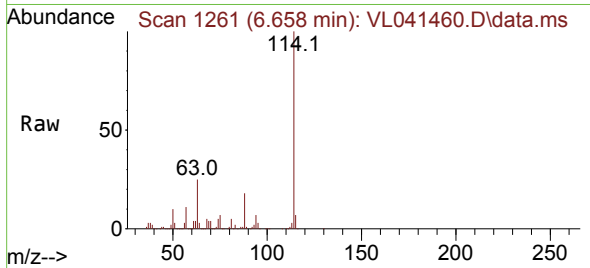
Lab File: VL041460.D

Acq: 31 Jul 2024 12:54

Instrument :

MSVOA_L

ClientSampleId :



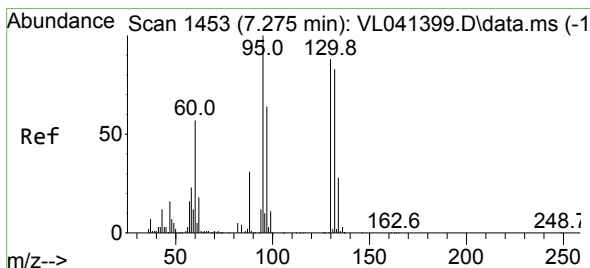
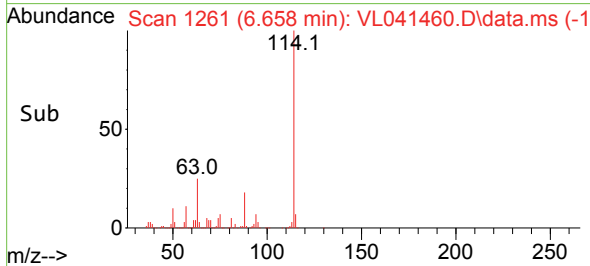
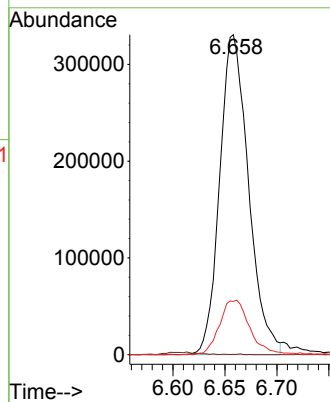
Tgt Ion: 63 Resp: 637275

Ion Ratio Lower Upper

63 100

41 0.1 58.3 87.5#

62 16.6 53.9 80.9#



#40

1,4-Dioxane

Concen: 0.004 ppbv

RT: 7.279 min Scan# 1454

Delta R.T. -0.013 min

Lab File: VL041460.D

Acq: 31 Jul 2024 12:54

Tgt Ion: 88 Resp: 118

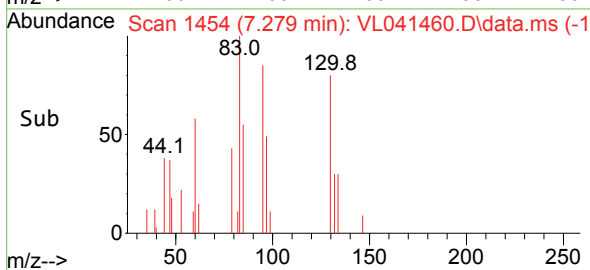
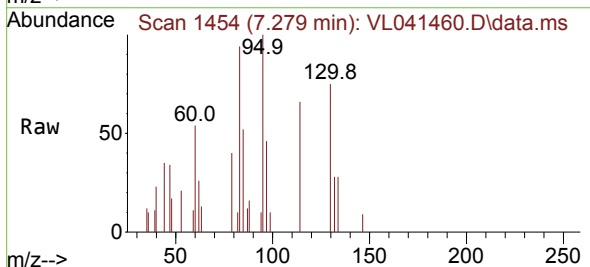
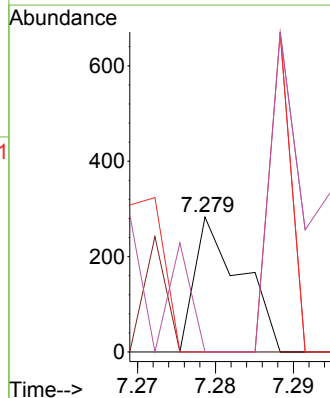
Ion Ratio Lower Upper

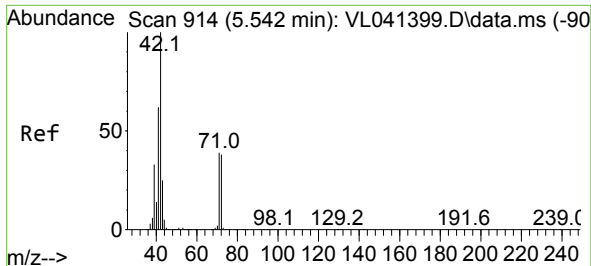
88 100

58 0.0 95.8 143.6#

43 0.0 188.2 282.2#

57 0.0 813.6 1220.4#





#41

Tetrahydrofuran

Concen: 0.002 ppbv

RT: 5.571 min Scan# 91

Delta R.T. 0.013 min

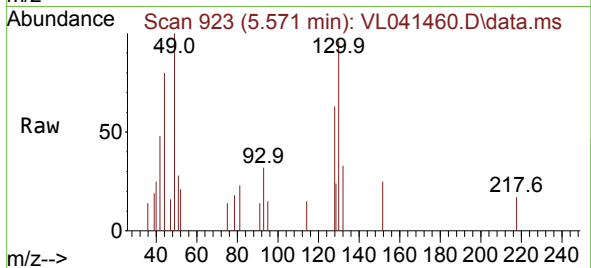
Lab File: VL041460.D

Acq: 31 Jul 2024 12:54

Instrument :

MSVOA_L

ClientSampleId :



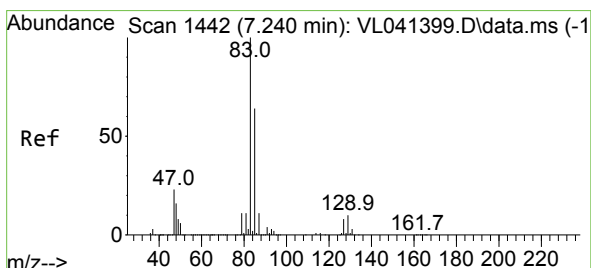
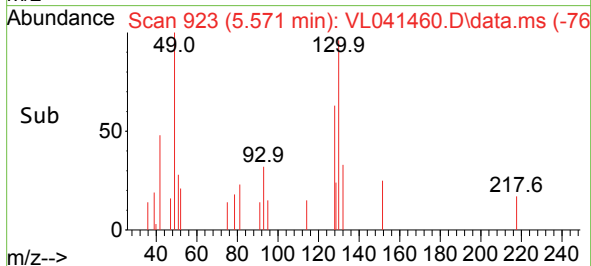
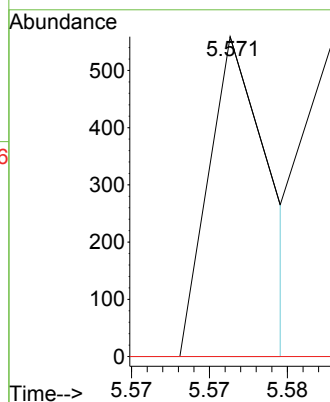
Tgt Ion: 42 Resp: 159

Ion Ratio Lower Upper

42 100

72 0.0 31.2 46.8#

71 0.0 30.5 45.7#



#42

Bromodichloromethane

Concen: 0.046 ppbv

RT: 7.256 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VL041460.D

Acq: 31 Jul 2024 12:54

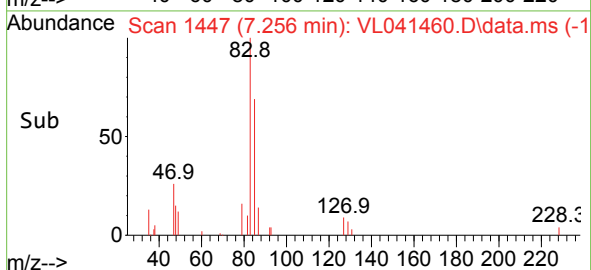
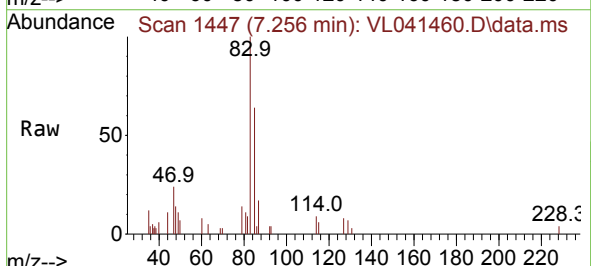
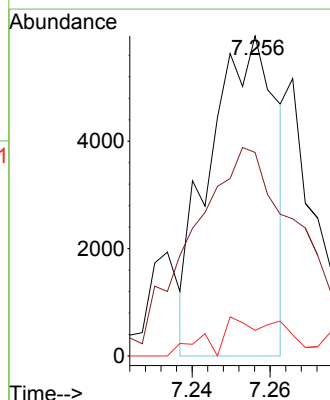
Tgt Ion: 83 Resp: 7090

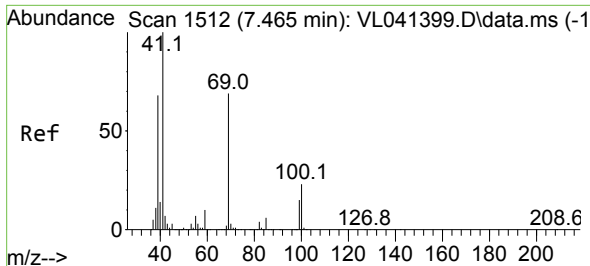
Ion Ratio Lower Upper

83 100

85 40.3 51.4 77.0#

127 5.1 6.7 10.1#

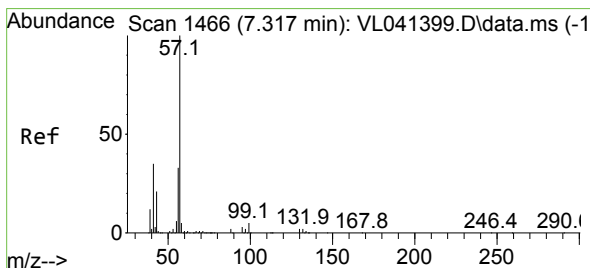
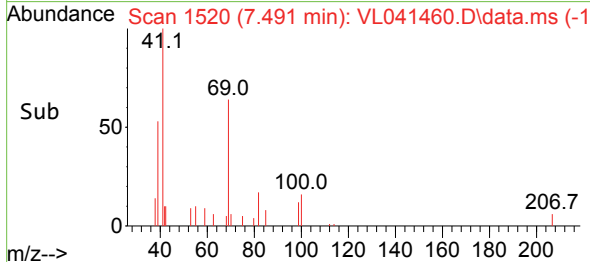
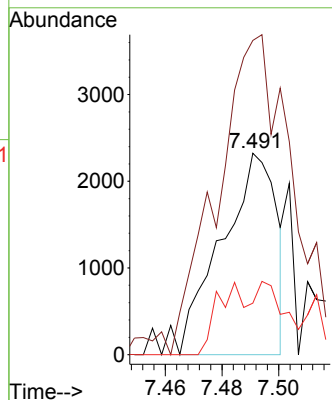
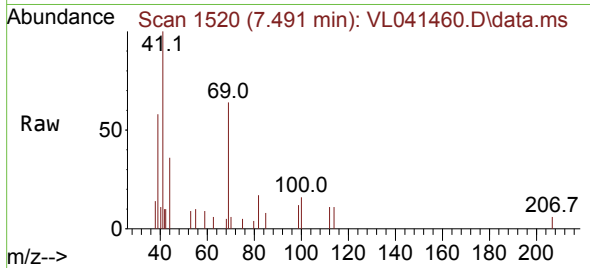




#43
Methyl Methacrylate
Concen: 0.045 ppbv
RT: 7.491 min Scan# 11
Delta R.T. 0.013 min
Lab File: VL041460.D
Acq: 31 Jul 2024 12:54

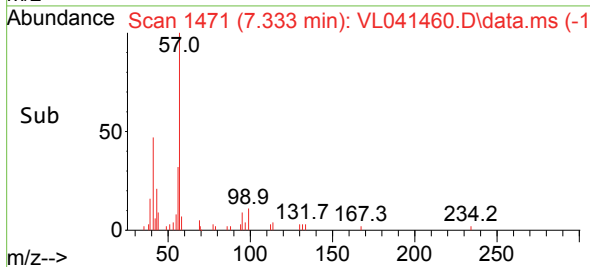
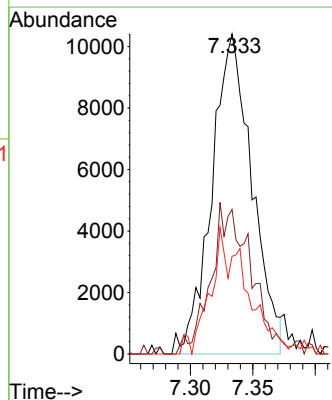
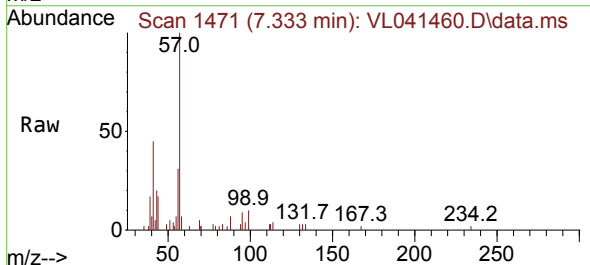
Instrument :
MSVOA_L
ClientSampleId :

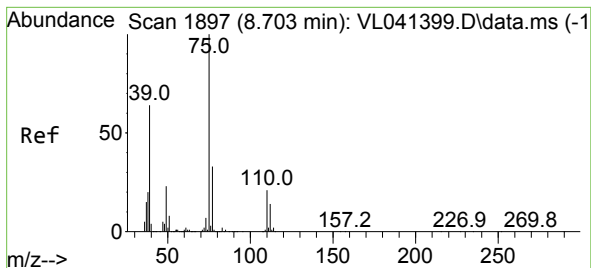
Tgt Ion: 69 Resp: 3105
Ion Ratio Lower Upper
69 100
41 244.6 118.7 178.1#
100 49.3 27.0 40.4#



#44
2,2,4-Trimethylpentane
Concen: 0.073 ppbv
RT: 7.333 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VL041460.D
Acq: 31 Jul 2024 12:54

Tgt Ion: 57 Resp: 23214
Ion Ratio Lower Upper
57 100
41 49.1 27.0 40.6#
56 37.7 25.2 37.8





#45

t-1,3-Dichloropropene

Concen: 0.003 ppbv

RT: 8.700 min Scan# 11

Delta R.T. -0.013 min

Lab File: VL041460.D

Acq: 31 Jul 2024 12:54

Instrument :

MSVOA_L

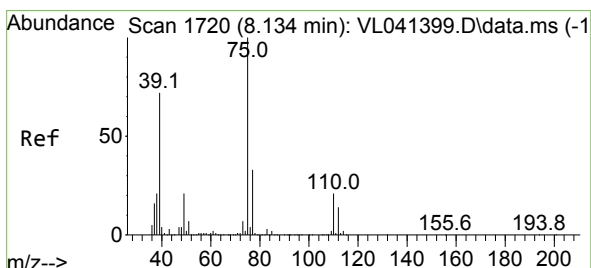
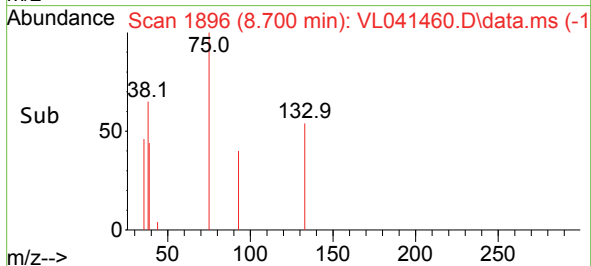
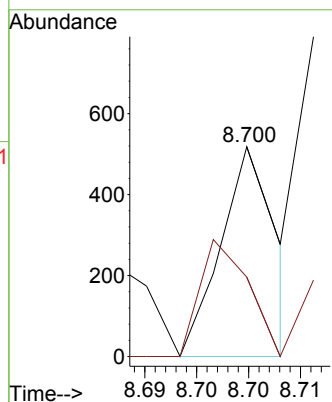
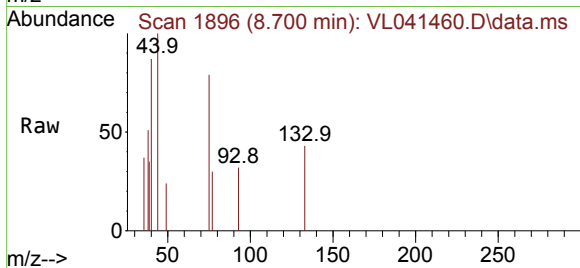
ClientSampleId :

Tgt Ion: 75 Resp: 193

Ion Ratio Lower Upper

75 100

77 37.8 26.5 39.7



#46

cis-1,3-Dichloropropene

Concen: 0.017 ppbv

RT: 8.153 min Scan# 1726

Delta R.T. 0.003 min

Lab File: VL041460.D

Acq: 31 Jul 2024 12:54

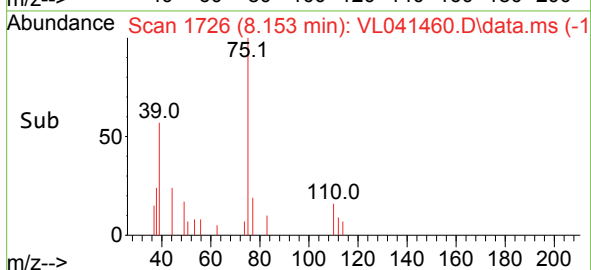
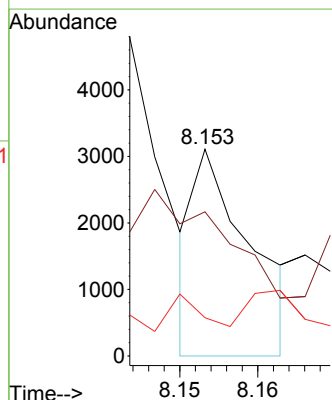
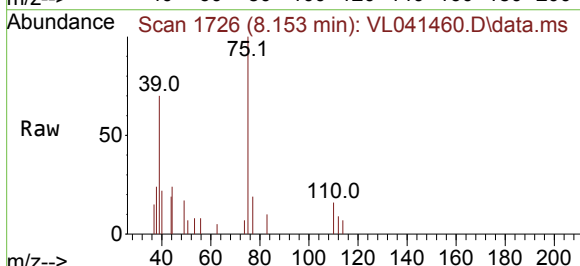
Tgt Ion: 75 Resp: 1555

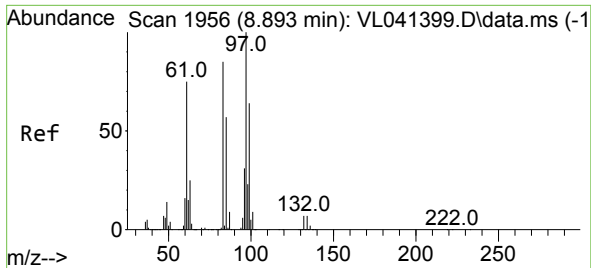
Ion Ratio Lower Upper

75 100

39 74.4 57.3 85.9

77 0.0 26.2 39.2#





#47

1,1,2-Trichloroethane

Concen: 0.038 ppbv

RT: 8.909 min Scan# 1956

Delta R.T. 0.003 min

Lab File: VL041460.D

Acq: 31 Jul 2024 12:54

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 97 Resp: 3079

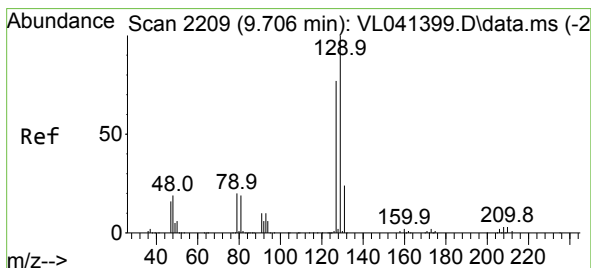
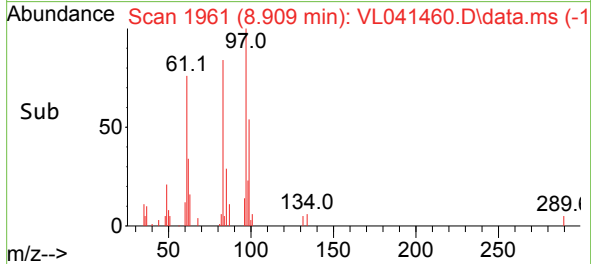
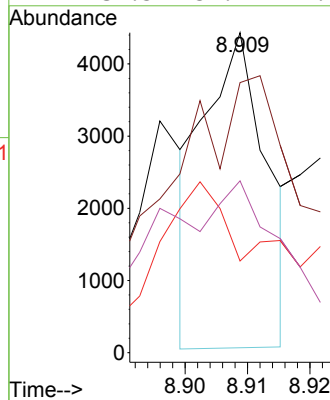
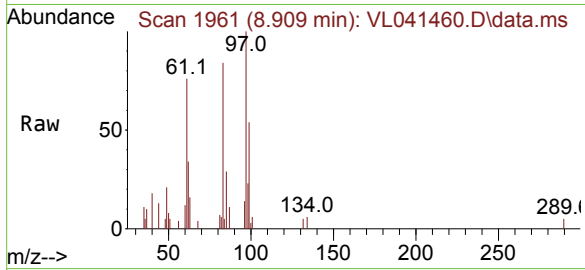
Ion Ratio Lower Upper

97 100

83 59.3 67.6 101.4#

85 0.0 45.9 68.9#

99 37.5 51.4 77.0#



#48

Dibromochloromethane

Concen: 0.027 ppbv

RT: 9.719 min Scan# 2213

Delta R.T. 0.000 min

Lab File: VL041460.D

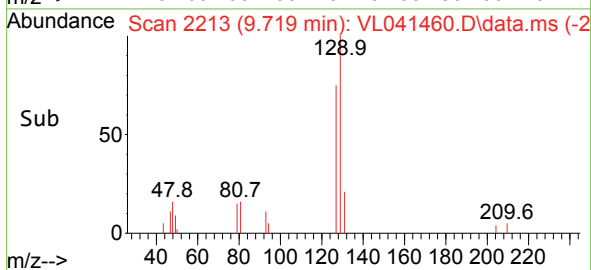
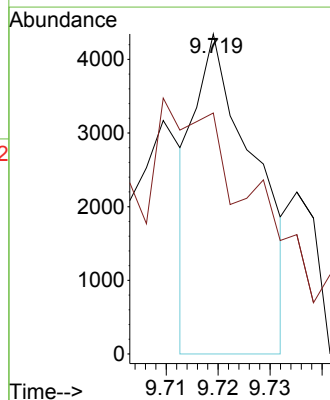
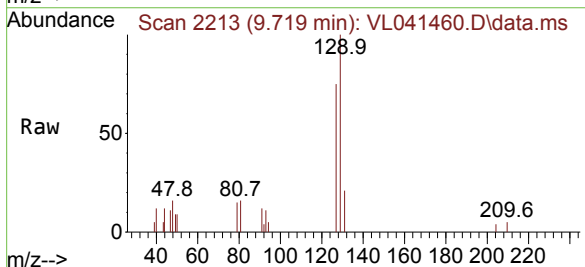
Acq: 31 Jul 2024 12:54

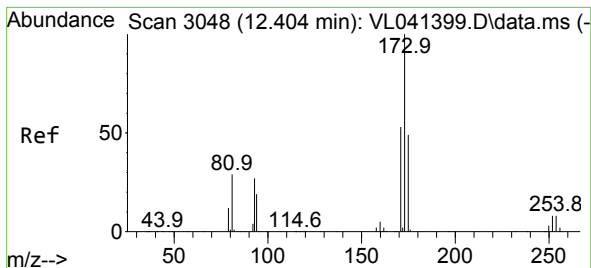
Tgt Ion: 129 Resp: 3500

Ion Ratio Lower Upper

129 100

127 0.0 39.3 117.8#





#49

Bromoform

Concen: 0.016 ppbv

RT: 12.417 min Scan# 3048

Delta R.T. 0.003 min

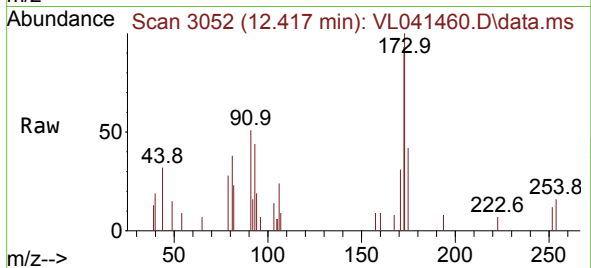
Lab File: VL041460.D

Acq: 31 Jul 2024 12:54

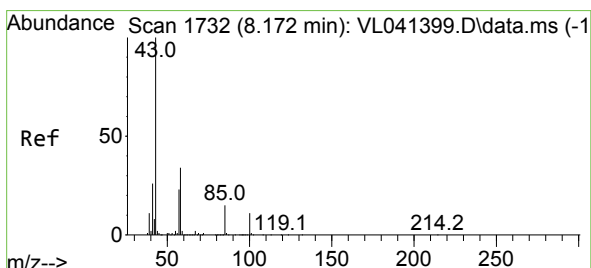
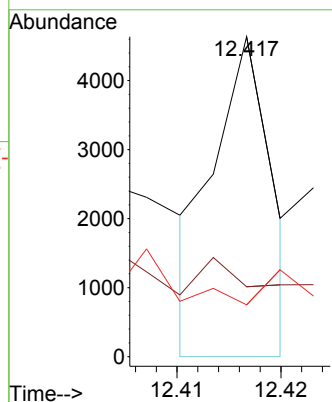
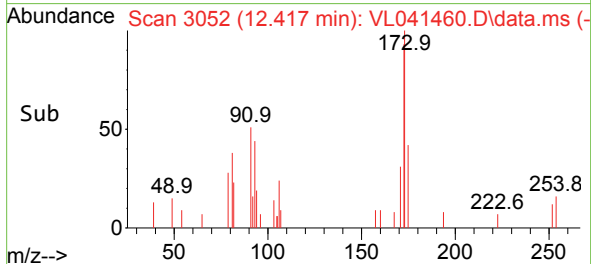
Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:	173	Resp:	1792
Ion	Ratio	Lower	Upper
173	100		
175	0.0	39.9	59.9#
171	0.0	41.7	62.5#



#50

4-Methyl-2-Pentanone

Concen: 0.017 ppbv

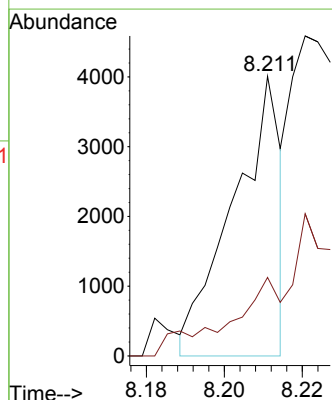
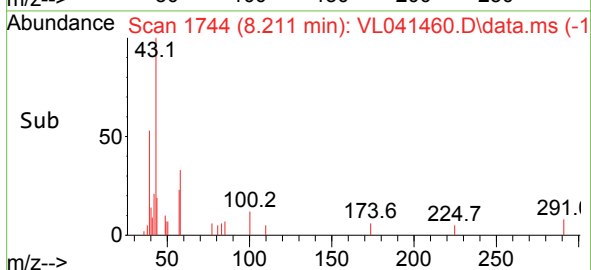
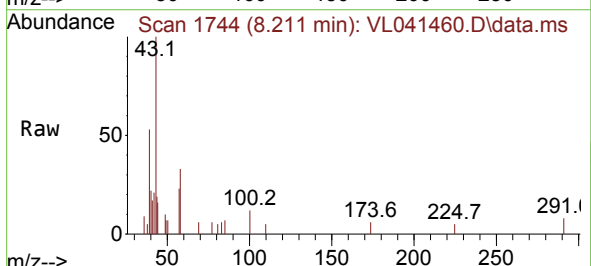
RT: 8.211 min Scan# 1744

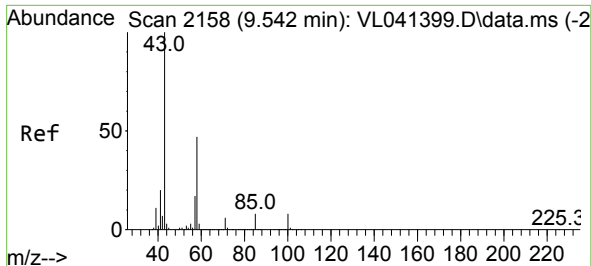
Delta R.T. 0.026 min

Lab File: VL041460.D

Acq: 31 Jul 2024 12:54

Tgt Ion:	43	Resp:	3390
Ion	Ratio	Lower	Upper
43	100		
58	0.0	27.9	41.9#

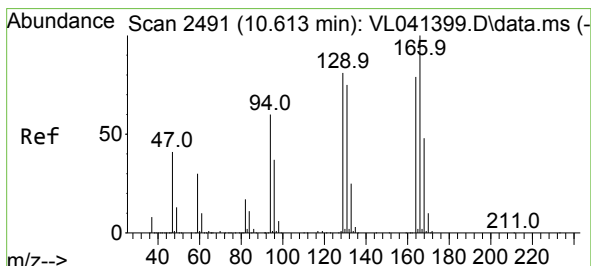
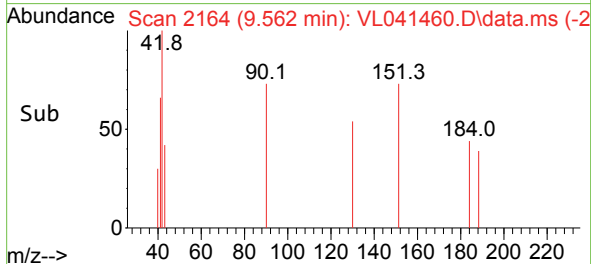
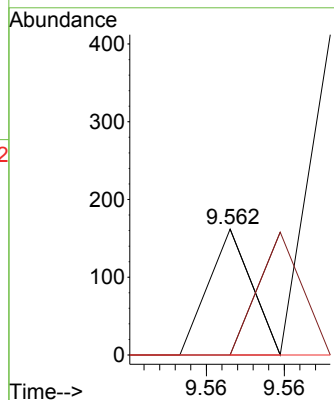
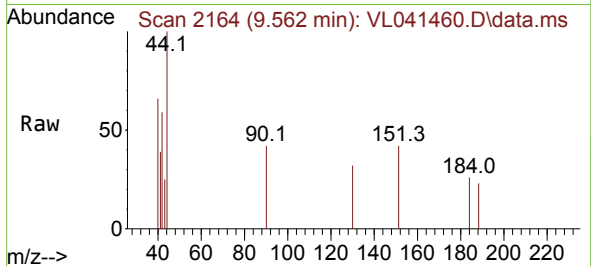




#51
2-Hexanone
Concen: 0.000 ppbv
RT: 9.562 min Scan# 2158
Delta R.T. 0.010 min
Lab File: VL041460.D
Acq: 31 Jul 2024 12:54

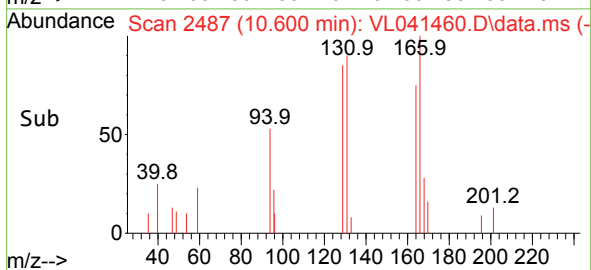
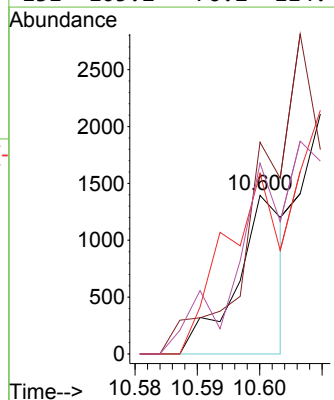
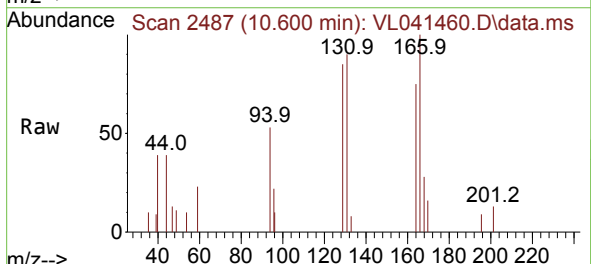
Instrument :
MSVOA_L
ClientSampleId :

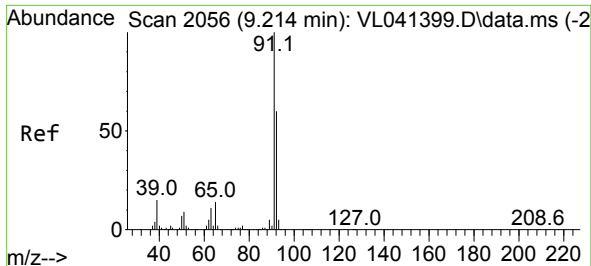
Tgt Ion: 43 Resp: 31
Ion Ratio Lower Upper
43 100
58 0.0 38.2 57.2#
98 0.0 0.3 0.5#



#52
Tetrachloroethene
Concen: 0.010 ppbv
RT: 10.600 min Scan# 2487
Delta R.T. -0.022 min
Lab File: VL041460.D
Acq: 31 Jul 2024 12:54

Tgt Ion: 164 Resp: 741
Ion Ratio Lower Upper
164 100
166 112.2 101.1 151.7
129 113.9 81.7 122.5
131 105.2 76.2 114.4

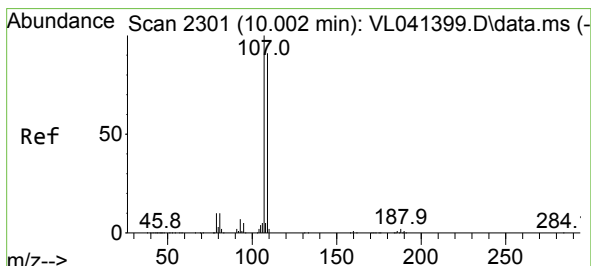
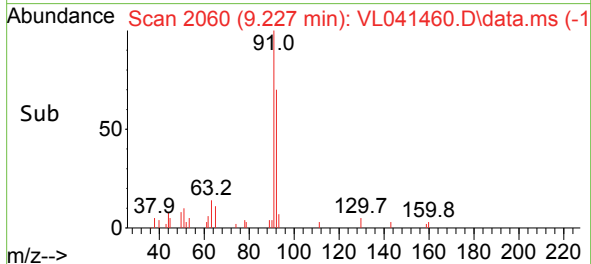
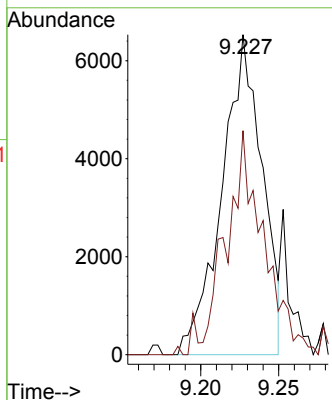
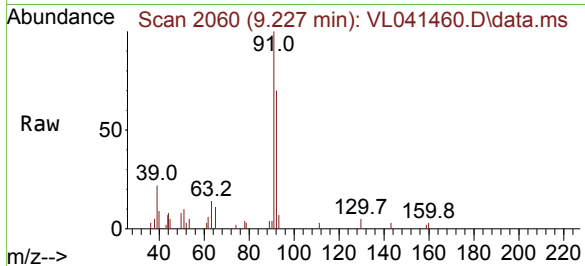




#53
Toluene
Concen: 0.055 ppbv
RT: 9.227 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VL041460.D
Acq: 31 Jul 2024 12:54

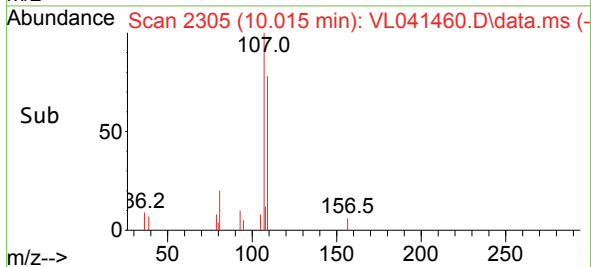
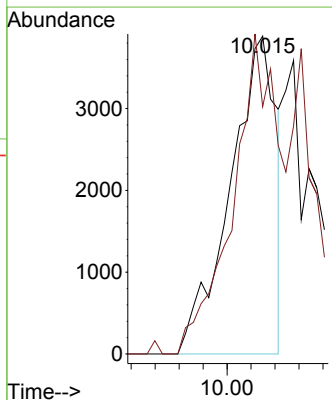
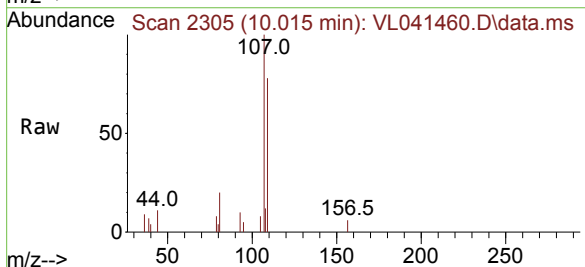
Instrument :
MSVOA_L
ClientSampleId :

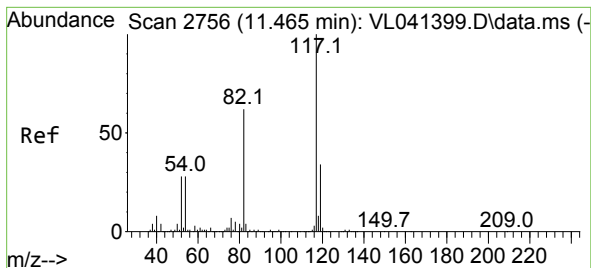
Tgt Ion: 91 Resp: 11712
Ion Ratio Lower Upper
91 100
92 65.9 48.7 73.1



#54
1,2-Dibromoethane
Concen: 0.048 ppbv
RT: 10.015 min Scan# 2305
Delta R.T. 0.000 min
Lab File: VL041460.D
Acq: 31 Jul 2024 12:54

Tgt Ion: 107 Resp: 5148
Ion Ratio Lower Upper
107 100
109 77.8 72.7 109.1





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.475 min Scan# 21

Delta R.T. 0.003 min

Lab File: VL041460.D

Acq: 31 Jul 2024 12:54

Instrument :

MSVOA_L

ClientSampleId :

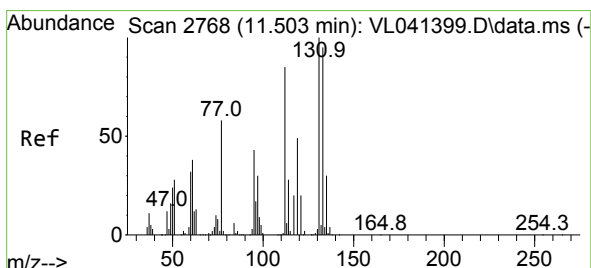
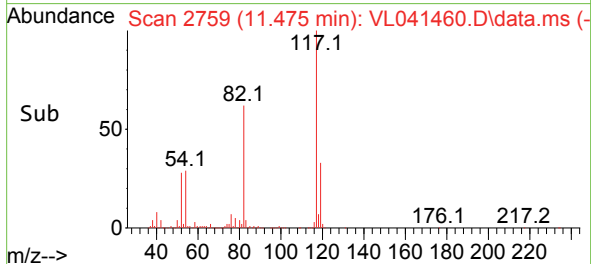
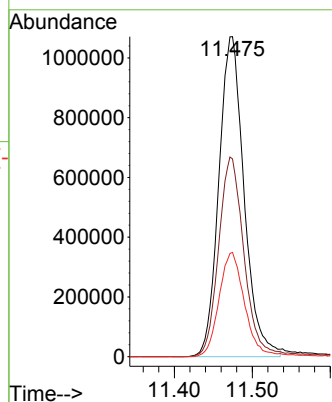
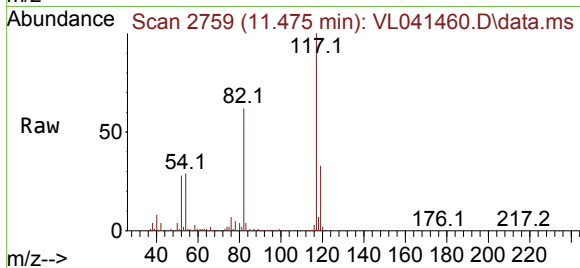
Tgt Ion:117 Resp: 2410441

Ion Ratio Lower Upper

117 100

82 64.4 51.0 76.6

119 33.7 45.2 67.8#



#56

1,1,1,2-Tetrachloroethane

Concen: 0.028 ppbv

RT: 11.523 min Scan# 2774

Delta R.T. 0.007 min

Lab File: VL041460.D

Acq: 31 Jul 2024 12:54

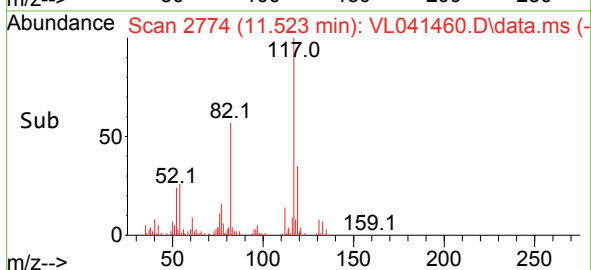
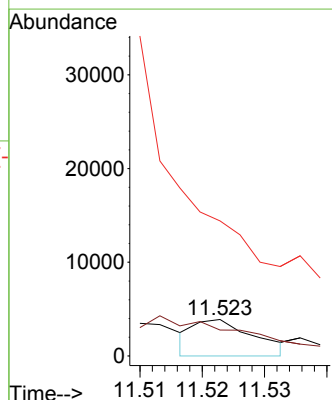
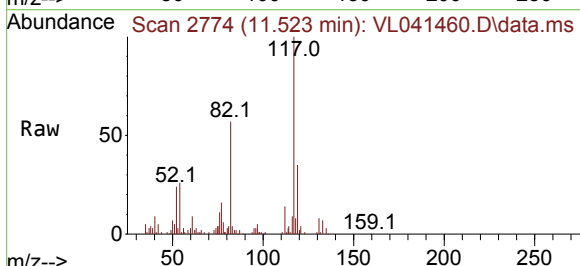
Tgt Ion:131 Resp: 2608

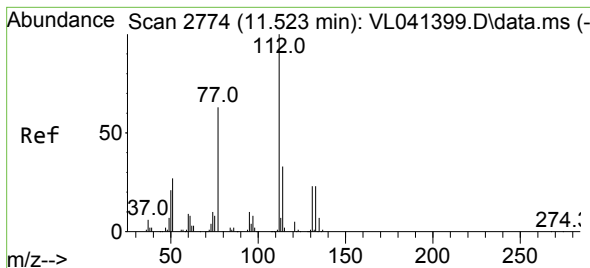
Ion Ratio Lower Upper

131 100

133 0.0 77.0 115.4#

119 0.0 121.5 182.3#





#57

Chlorobenzene

Concen: 0.037 ppbv

RT: 11.539 min Scan# 21

Delta R.T. 0.003 min

Lab File: VL041460.D

Acq: 31 Jul 2024 12:54

Instrument :

MSVOA_L

ClientSampleId :

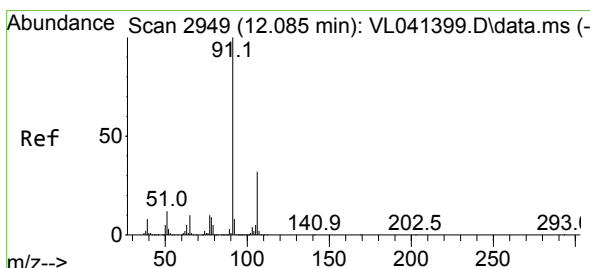
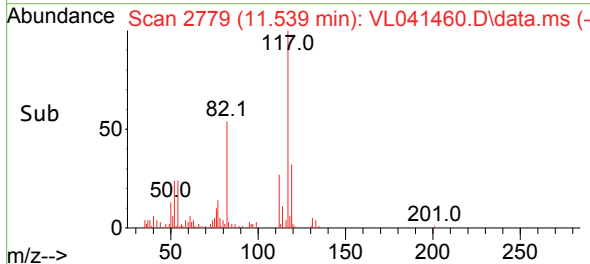
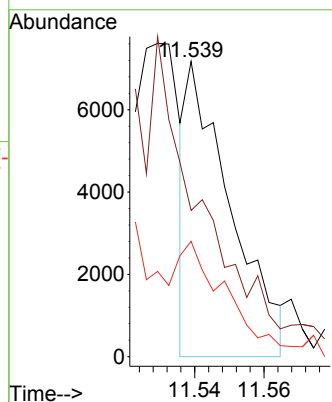
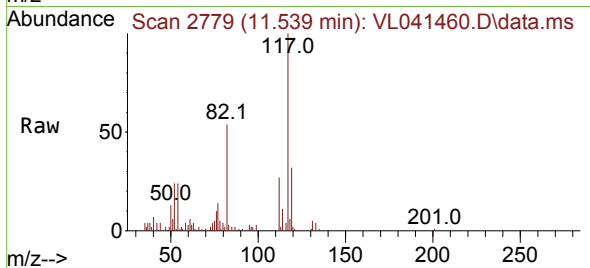
Tgt Ion:112 Resp: 6327

Ion Ratio Lower Upper

112 100

77 39.0 51.1 76.7#

114 42.8 29.5 36.1#



#58

Ethyl Benzene

Concen: 0.026 ppbv

RT: 12.102 min Scan# 2954

Delta R.T. 0.003 min

Lab File: VL041460.D

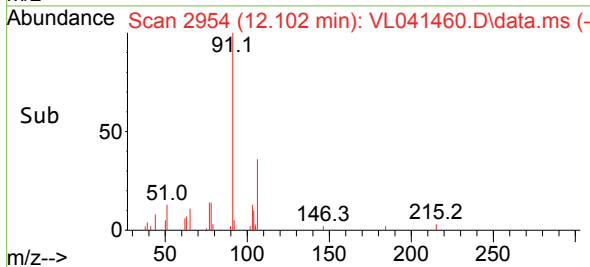
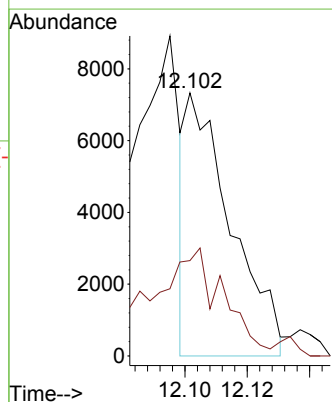
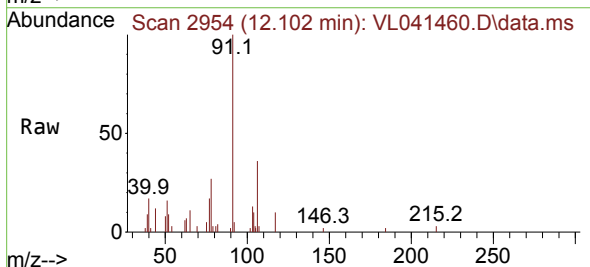
Acq: 31 Jul 2024 12:54

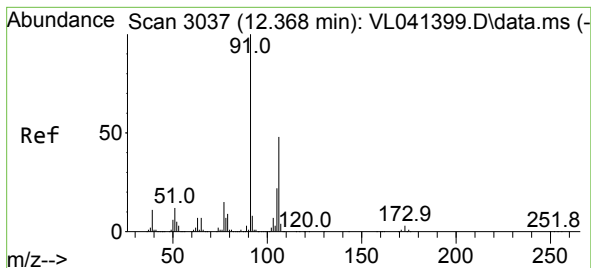
Tgt Ion: 91 Resp: 7326

Ion Ratio Lower Upper

91 100

106 33.3 25.8 38.8

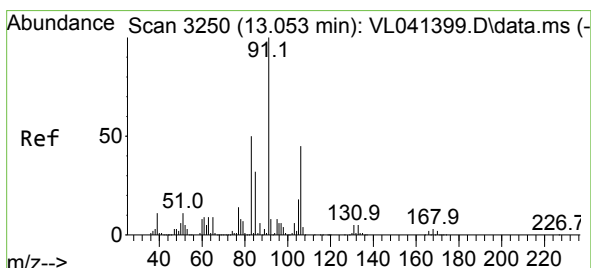
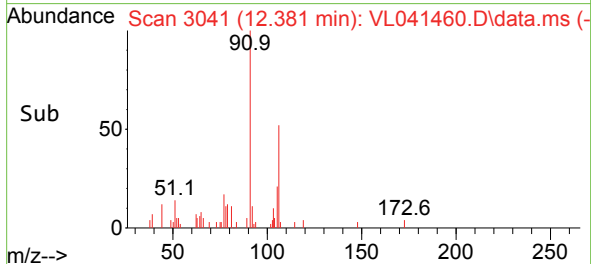
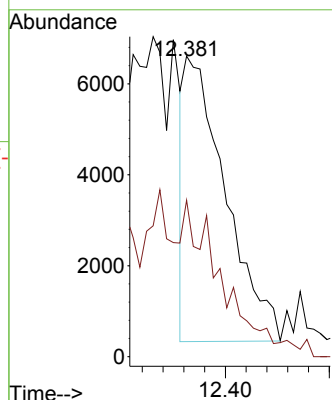
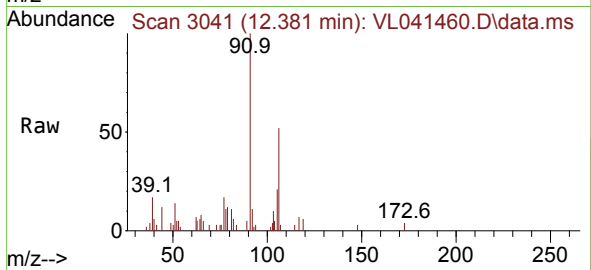




#59
m/p-Xylene
Concen: 0.036 ppbv
RT: 12.381 min Scan# 3037
Delta R.T. 0.003 min
Lab File: VL041460.D
Acq: 31 Jul 2024 12:54

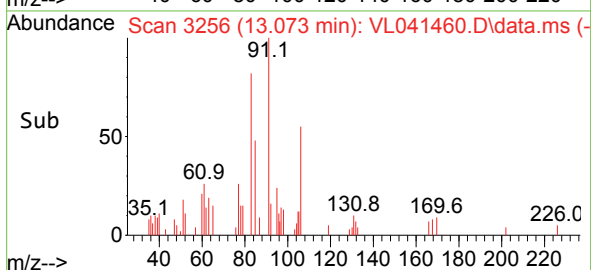
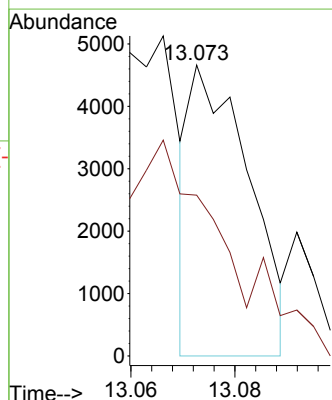
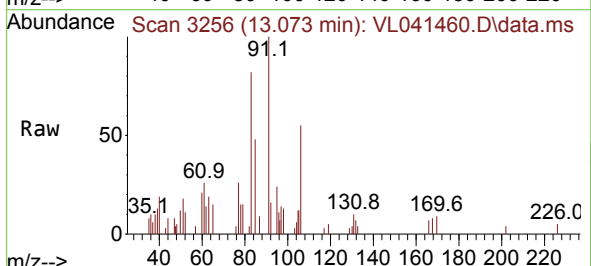
Instrument :
MSVOA_L
ClientSampleId :

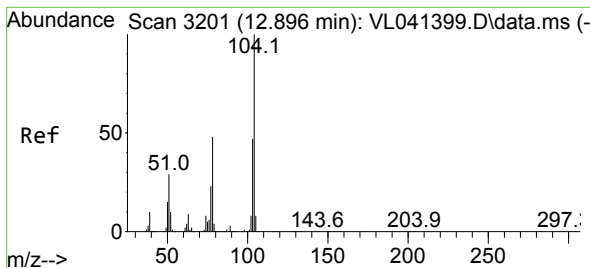
Tgt Ion: 91 Resp: 8599
Ion Ratio Lower Upper
91 100
106 0.0 36.3 54.5#



#60
o-Xylene
Concen: 0.016 ppbv
RT: 13.073 min Scan# 3256
Delta R.T. 0.007 min
Lab File: VL041460.D
Acq: 31 Jul 2024 12:54

Tgt Ion: 91 Resp: 3672
Ion Ratio Lower Upper
91 100
106 0.0 23.1 69.3#





#61

Styrene

Concen: 0.019 ppbv

RT: 12.909 min Scan# 31

Delta R.T. 0.003 min

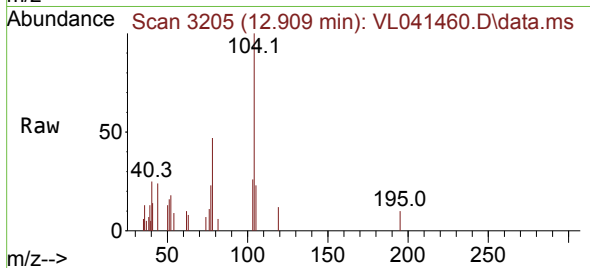
Lab File: VL041460.D

Acq: 31 Jul 2024 12:54

Instrument :

MSVOA_L

ClientSampleId :



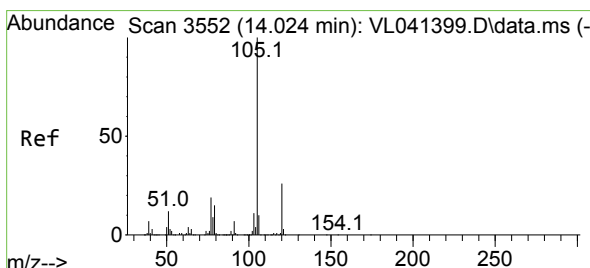
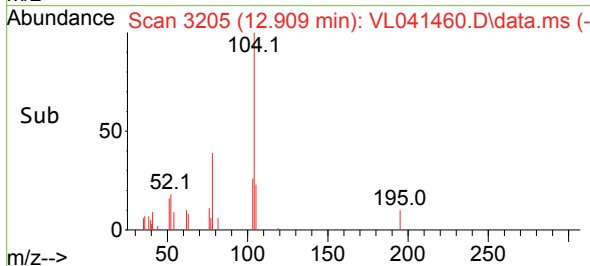
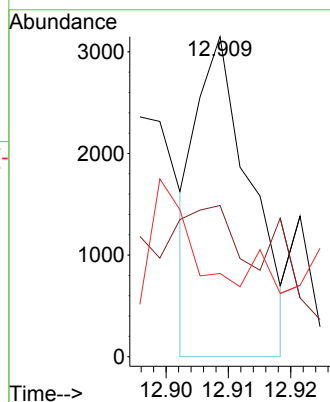
Tgt Ion:104 Resp: 1901

Ion Ratio Lower Upper

104 100

78 157.2 40.8 61.2#

103 0.0 38.2 57.4#



#62

Isopropylbenzene

Concen: 0.070 ppbv

RT: 14.034 min Scan# 3555

Delta R.T. -0.003 min

Lab File: VL041460.D

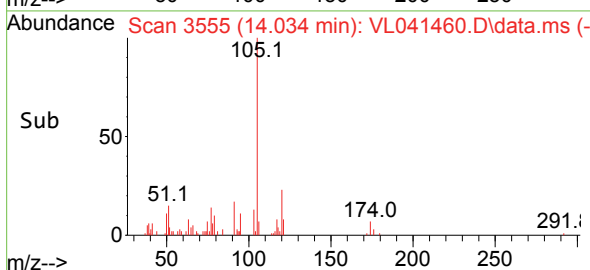
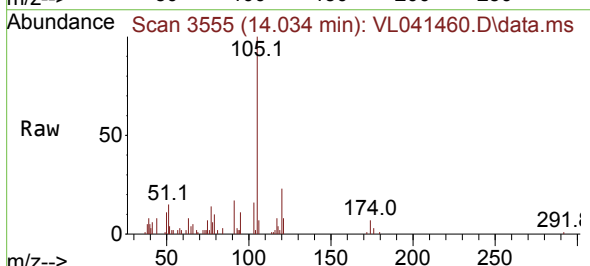
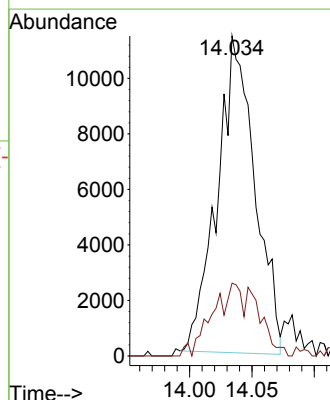
Acq: 31 Jul 2024 12:54

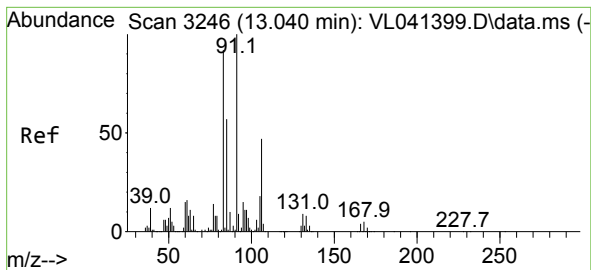
Tgt Ion:105 Resp: 24042

Ion Ratio Lower Upper

105 100

120 27.4 21.0 31.4

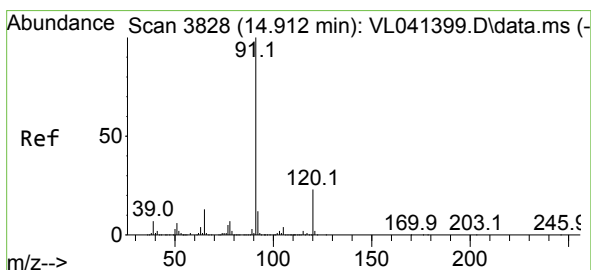
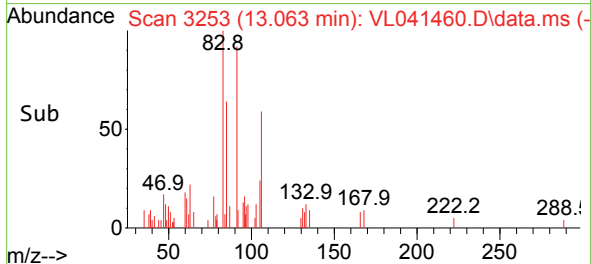
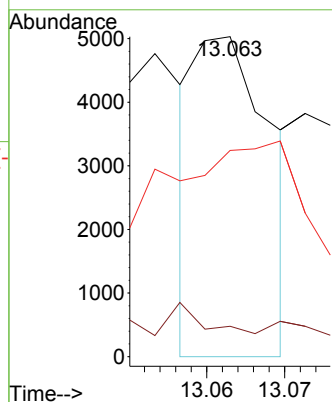
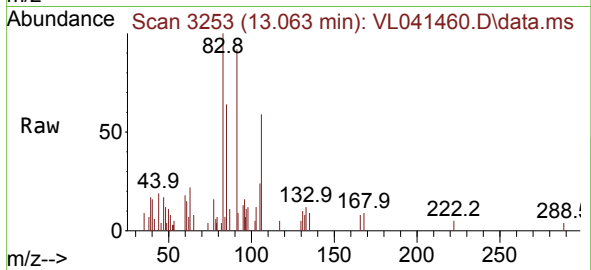




#63
1,1,2,2-Tetrachloroethane
Concen: 0.023 ppbv
RT: 13.063 min Scan# 31
Delta R.T. 0.007 min
Lab File: VL041460.D
Acq: 31 Jul 2024 12:54

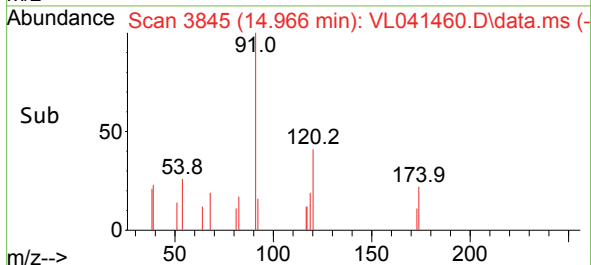
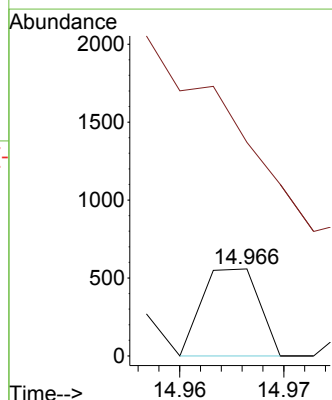
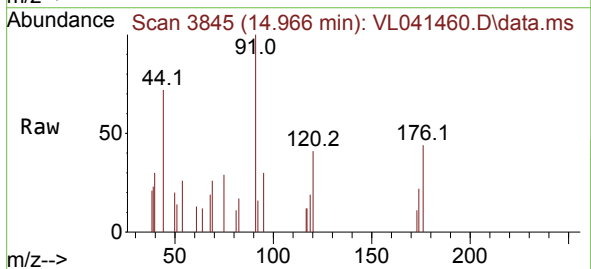
Instrument :
MSVOA_L
ClientSampleId :

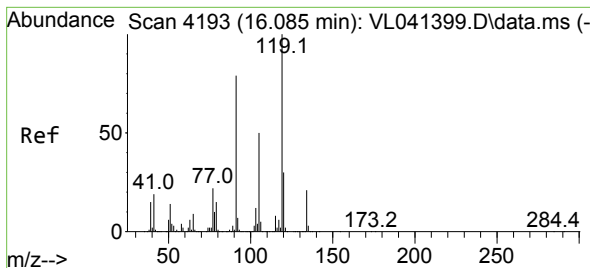
Tgt Ion: 83 Resp: 3361
Ion Ratio Lower Upper
83 100
131 0.0 4.8 14.4#
85 0.0 32.6 98.0#



#64
n-propylbenzene
Concen: 0.002 ppbv
RT: 14.966 min Scan# 3845
Delta R.T. 0.045 min
Lab File: VL041460.D
Acq: 31 Jul 2024 12:54

Tgt Ion: 120 Resp: 213
Ion Ratio Lower Upper
120 100
91 472.3 361.4 542.0





#65

tert-Butylbenzene

Concen: 0.006 ppbv

RT: 16.098 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL041460.D

Acq: 31 Jul 2024 12:54

Instrument :

MSVOA_L

ClientSampleId :

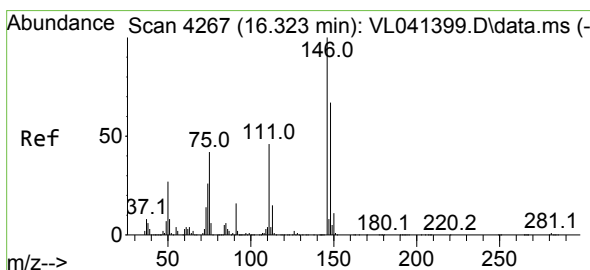
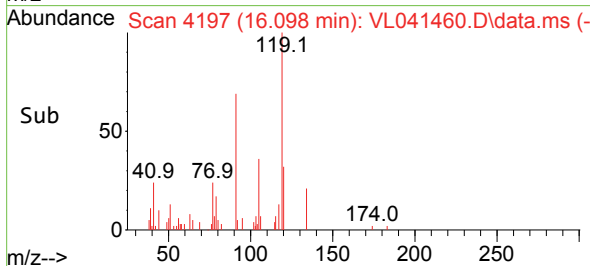
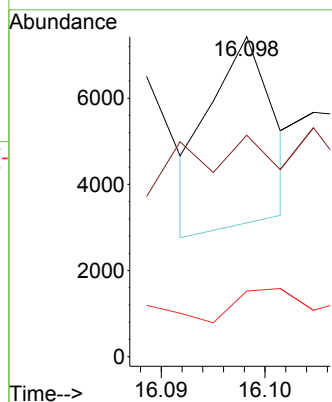
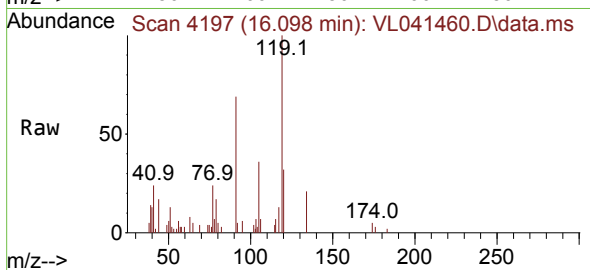
Tgt Ion:119 Resp: 1842

Ion Ratio Lower Upper

119 100

91 0.0 64.2 96.2#

134 0.0 15.7 23.5#



#66

Benzyl Chloride

Concen: 0.007 ppbv

RT: 16.346 min Scan# 4274

Delta R.T. 0.010 min

Lab File: VL041460.D

Acq: 31 Jul 2024 12:54

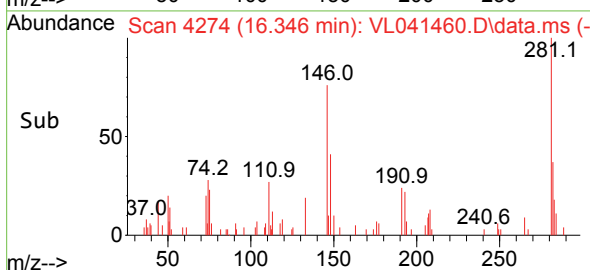
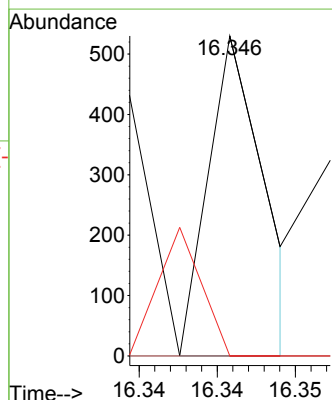
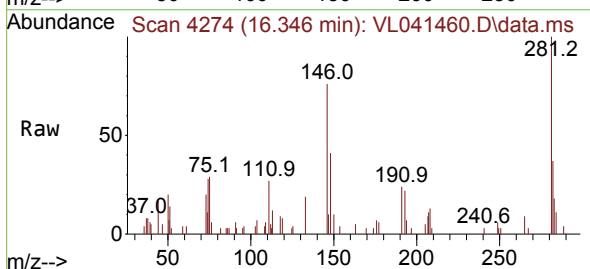
Tgt Ion: 91 Resp: 137

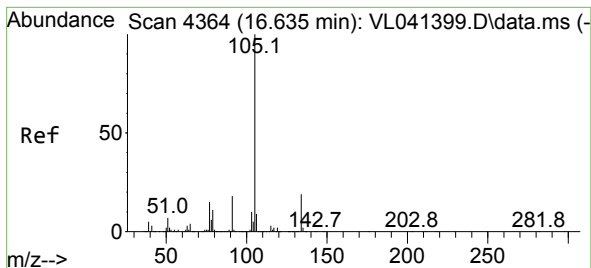
Ion Ratio Lower Upper

91 100

126 0.0 13.8 20.8#

128 29.9 4.4 6.6#





#67

sec-Butylbenzene

Concen: 0.025 ppbv

RT: 16.645 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL041460.D

Acq: 31 Jul 2024 12:54

Instrument :

MSVOA_L

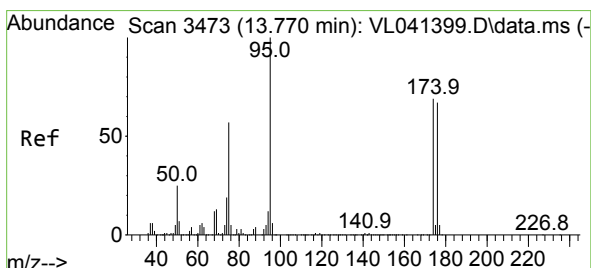
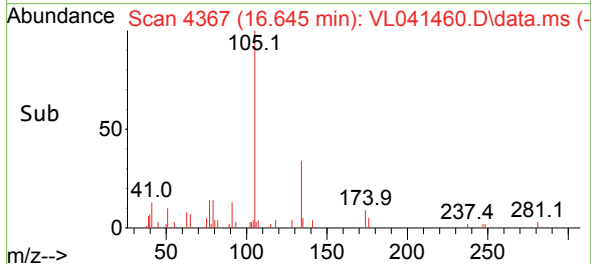
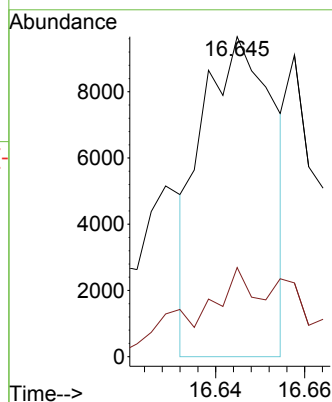
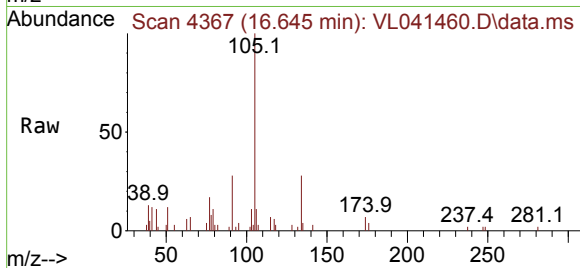
ClientSampleId :

Tgt Ion:105 Resp: 10801

Ion Ratio Lower Upper

105 100

134 46.1 14.5 21.7#



#68

1-Bromo-4-Fluorobenzene

Concen: 10.058 ppbv

RT: 13.783 min Scan# 3477

Delta R.T. 0.000 min

Lab File: VL041460.D

Acq: 31 Jul 2024 12:54

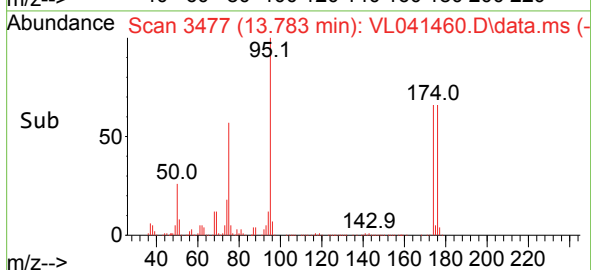
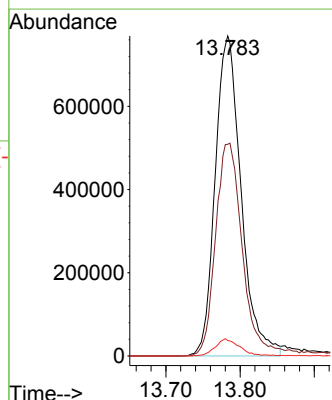
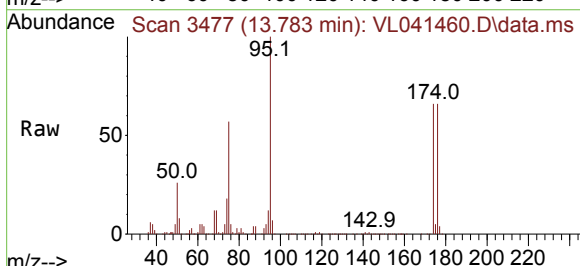
Tgt Ion: 95 Resp: 1865704

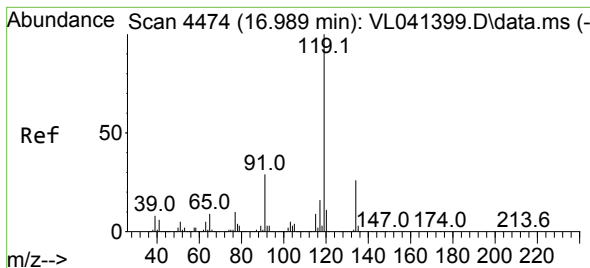
Ion Ratio Lower Upper

95 100

174 71.4 56.3 84.5

175 5.2 4.0 6.0





#69

p-Isopropyltoluene

Concen: 0.030 ppbv

RT: 17.002 min Scan# 4474

Delta R.T. 0.000 min

Lab File: VL041460.D

Acq: 31 Jul 2024 12:54

Instrument :

MSVOA_L

ClientSampleId :

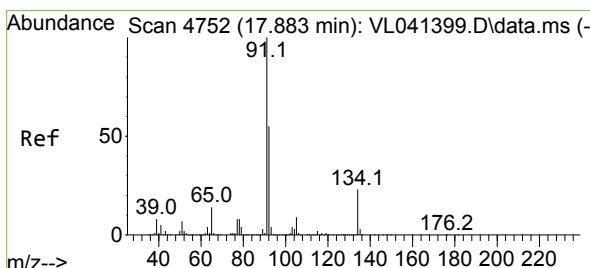
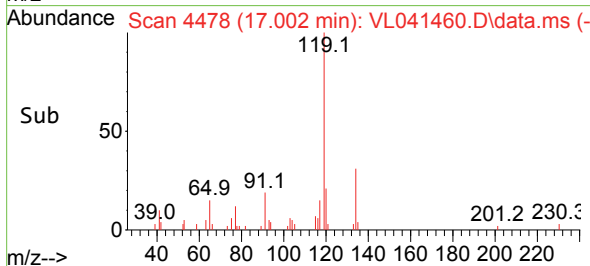
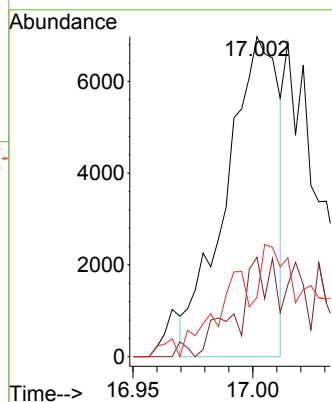
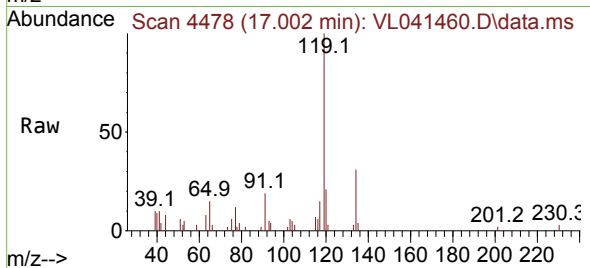
Tgt Ion:119 Resp: 10600

Ion Ratio Lower Upper

119 100

134 47.7 20.5 30.7#

91 64.2 23.2 34.8#



#70

n-Butylbenzene

Concen: 0.006 ppbv

RT: 17.899 min Scan# 4757

Delta R.T. 0.007 min

Lab File: VL041460.D

Acq: 31 Jul 2024 12:54

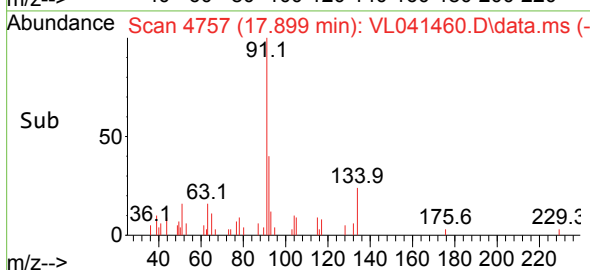
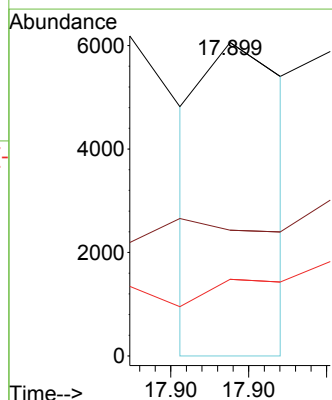
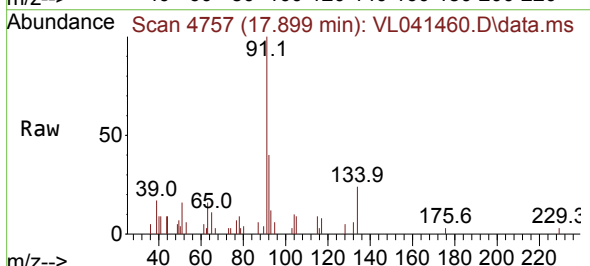
Tgt Ion: 91 Resp: 2212

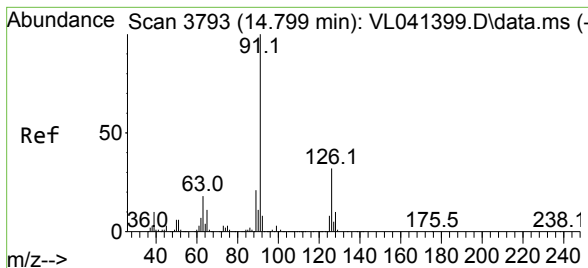
Ion Ratio Lower Upper

91 100

92 0.0 43.2 64.8#

134 0.0 18.5 27.7#

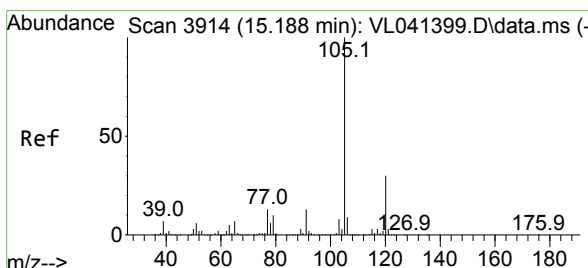
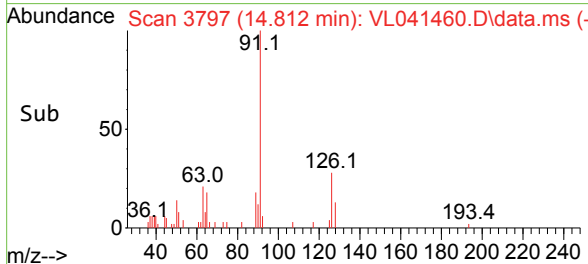
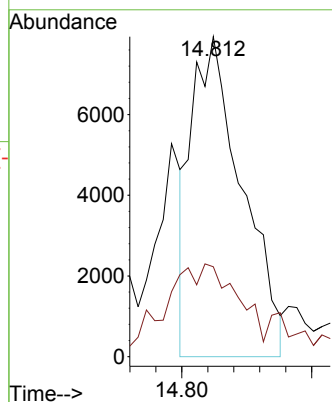
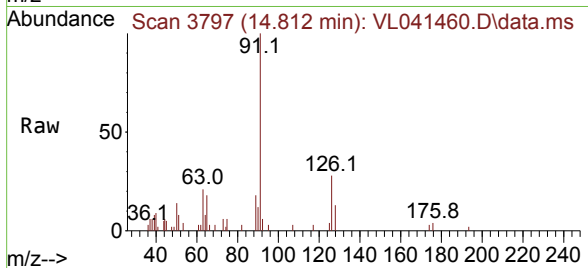




#71
2-Chlorotoluene
Concen: 0.042 ppbv
RT: 14.812 min Scan# 31
Delta R.T. 0.007 min
Lab File: VL041460.D
Acq: 31 Jul 2024 12:54

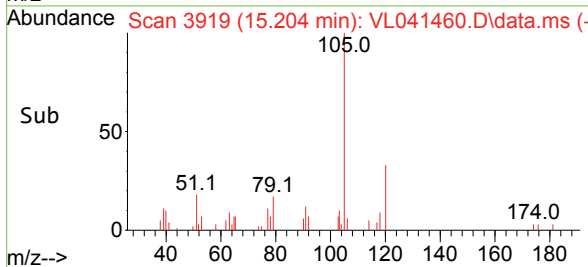
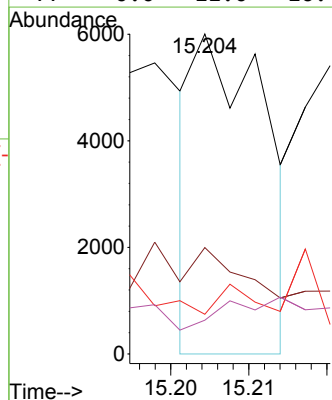
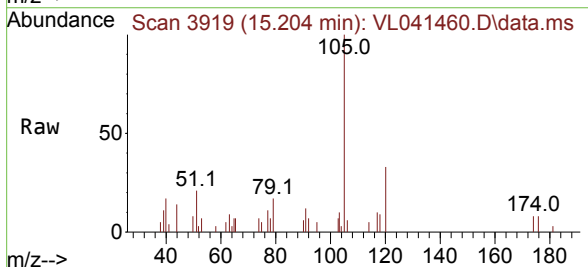
Instrument :
MSVOA_L
ClientSampleId :

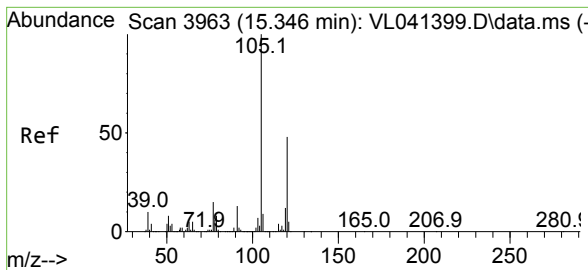
Tgt Ion: 91 Resp: 10723
Ion Ratio Lower Upper
91 100
126 55.4 12.7 50.9#



#72
4-Ethyltoluene
Concen: 0.014 ppbv
RT: 15.204 min Scan# 3919
Delta R.T. 0.007 min
Lab File: VL041460.D
Acq: 31 Jul 2024 12:54

Tgt Ion: 105 Resp: 3816
Ion Ratio Lower Upper
105 100
120 0.0 24.2 36.2#
91 0.0 10.4 15.6#
77 0.0 11.0 16.4#

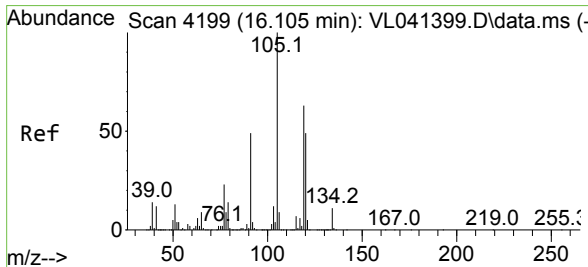
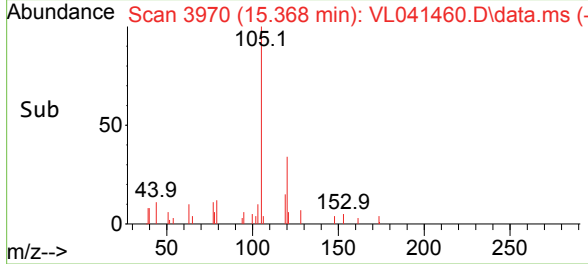
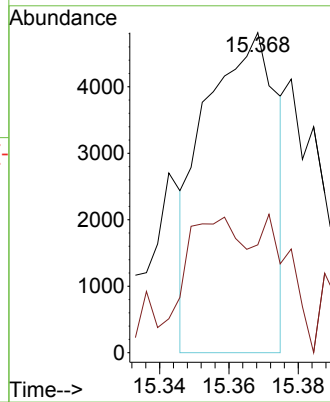
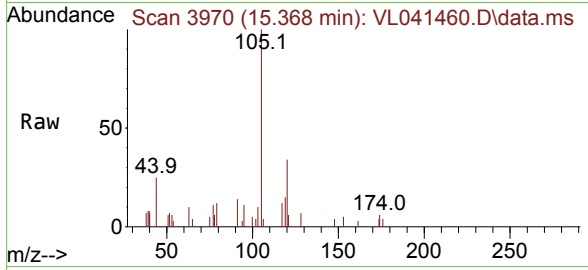




#73
1,3,5-Trimethylbenzene
Concen: 0.030 ppbv
RT: 15.368 min Scan# 3963
Delta R.T. 0.010 min
Lab File: VL041460.D
Acq: 31 Jul 2024 12:54

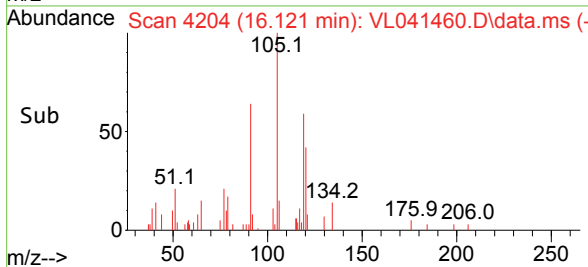
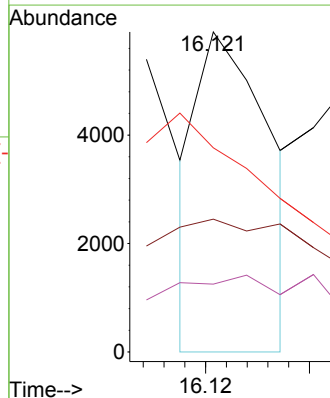
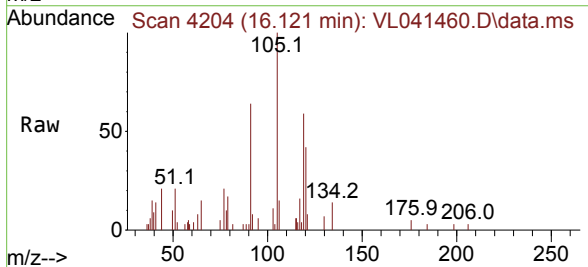
Instrument :
MSVOA_L
ClientSampleId :

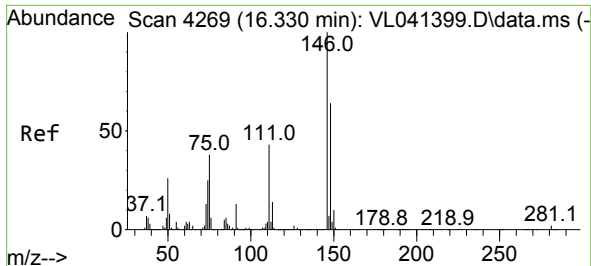
Tgt Ion:105 Resp: 6955
Ion Ratio Lower Upper
105 100
120 45.0 38.6 57.8



#74
1,2,4-Trimethylbenzene
Concen: 0.011 ppbv
RT: 16.121 min Scan# 4204
Delta R.T. 0.003 min
Lab File: VL041460.D
Acq: 31 Jul 2024 12:54

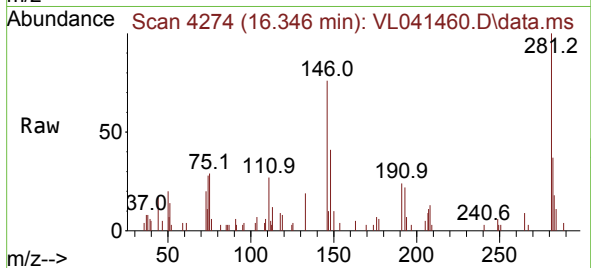
Tgt Ion:105 Resp: 2824
Ion Ratio Lower Upper
105 100
120 6.2 39.5 59.3#
91 39.3 39.8 59.8#
77 8.3 18.2 27.4#



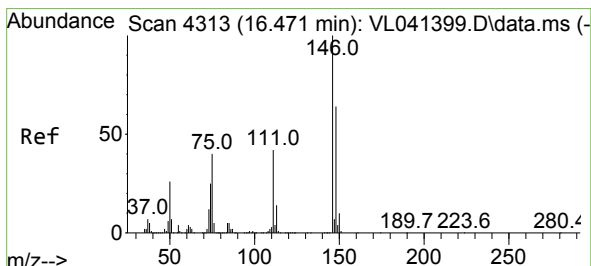
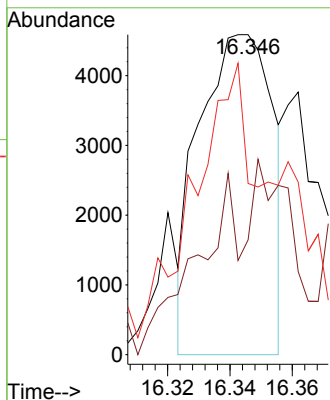
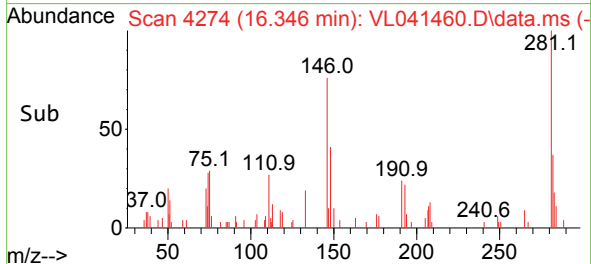


#75
1,3-Dichlorobenzene
Concen: 0.045 ppbv
RT: 16.346 min Scan# 4318
Delta R.T. 0.007 min
Lab File: VL041460.D
Acq: 31 Jul 2024 12:54

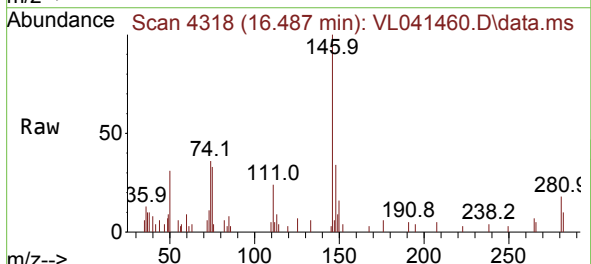
Instrument :
MSVOA_L
ClientSampleId :



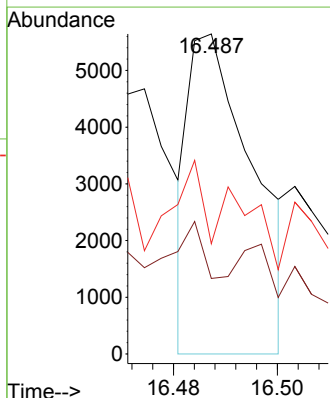
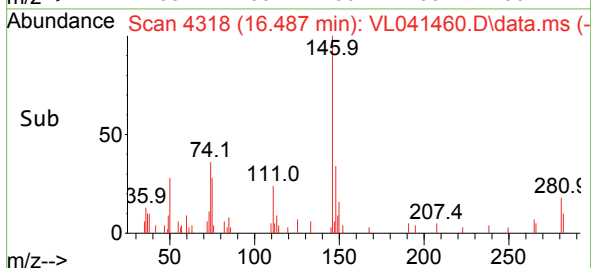
Tgt Ion:146 Resp: 7502
Ion Ratio Lower Upper
146 100
111 91.4 22.6 67.8#
148 140.7 32.3 96.8#

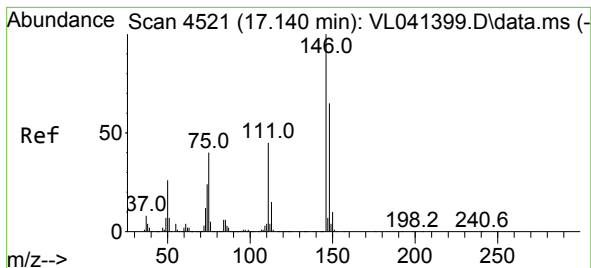


#76
1,4-Dichlorobenzene
Concen: 0.030 ppbv
RT: 16.487 min Scan# 4318
Delta R.T. 0.007 min
Lab File: VL041460.D
Acq: 31 Jul 2024 12:54



Tgt Ion:146 Resp: 4814
Ion Ratio Lower Upper
146 100
111 127.8 22.4 67.0#
148 194.4 33.1 99.5#





#77

1,2-Dichlorobenzene

Concen: 0.022 ppbv

RT: 17.150 min Scan# 4

Delta R.T. 0.000 min

Lab File: VL041460.D

Acq: 31 Jul 2024 12:54

Instrument :

MSVOA_L

ClientSampleId :

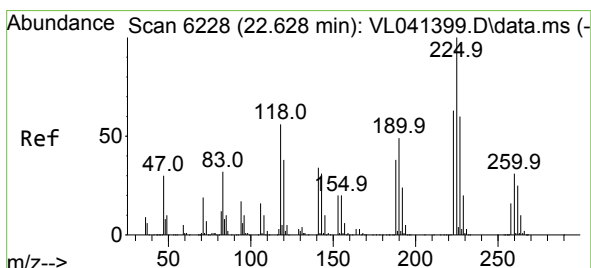
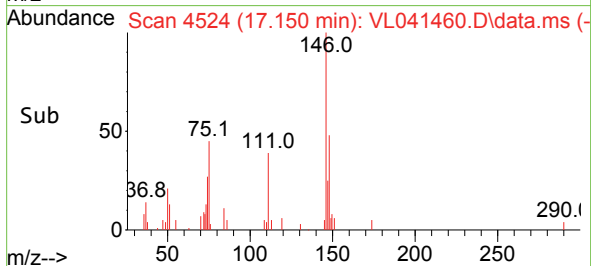
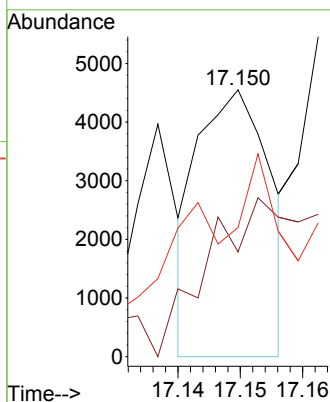
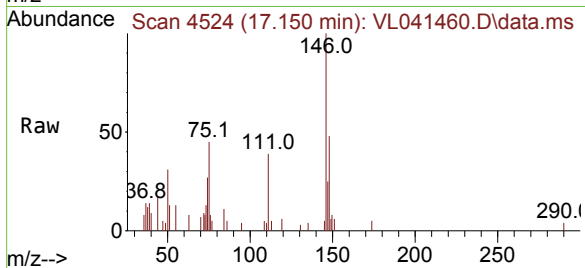
Tgt Ion:146 Resp: 3671

Ion Ratio Lower Upper

146 100

111 181.4 23.4 70.0#

148 205.7 32.2 96.6#



#78

Hexachloro-1,3-Butadiene

Concen: 0.007 ppbv

RT: 22.645 min Scan# 6233

Delta R.T. 0.007 min

Lab File: VL041460.D

Acq: 31 Jul 2024 12:54

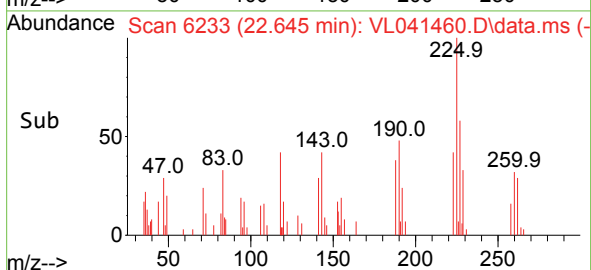
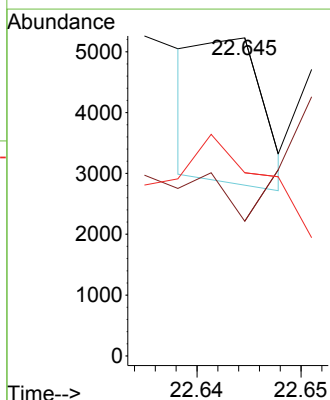
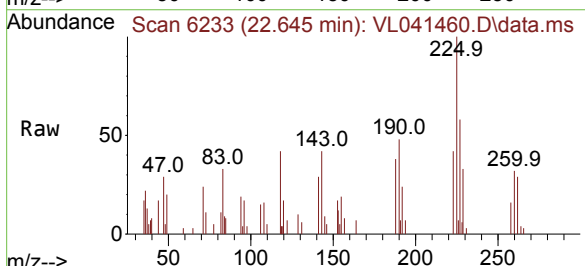
Tgt Ion:225 Resp: 991

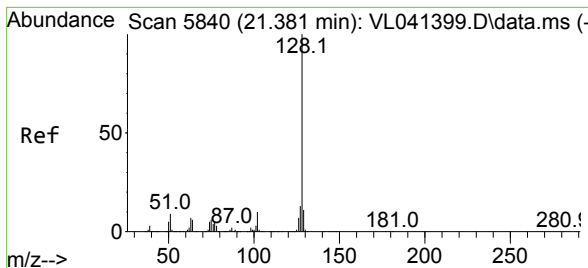
Ion Ratio Lower Upper

225 100

223 0.0 50.6 76.0#

227 963.8 50.8 76.2#





#79

Naphthalene

Concen: 0.009 ppbv

RT: 21.400 min Scan# 5846

Delta R.T. 0.010 min

Lab File: VL041460.D

Acq: 31 Jul 2024 12:54

Instrument :

MSVOA_L

ClientSampleId :

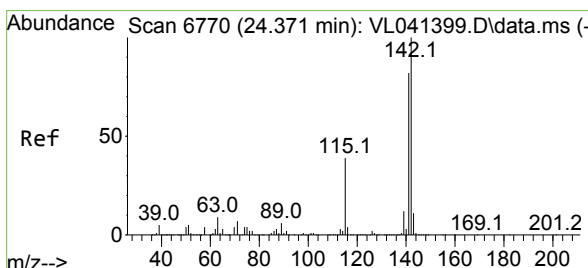
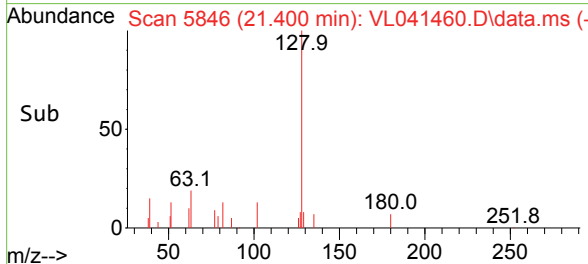
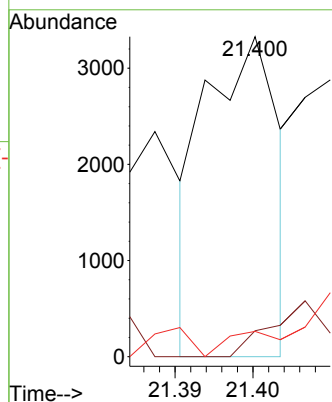
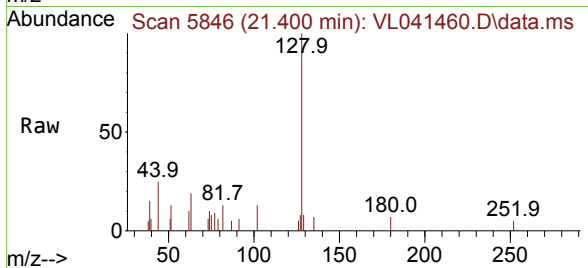
Tgt Ion:128 Resp: 2169

Ion Ratio Lower Upper

128 100

127 22.4 10.3 15.5#

129 7.2 9.0 13.4#



#80

Naphthalene,2-methyl-

Concen: 0.003 ppbv

RT: 24.394 min Scan# 6777

Delta R.T. 0.016 min

Lab File: VL041460.D

Acq: 31 Jul 2024 12:54

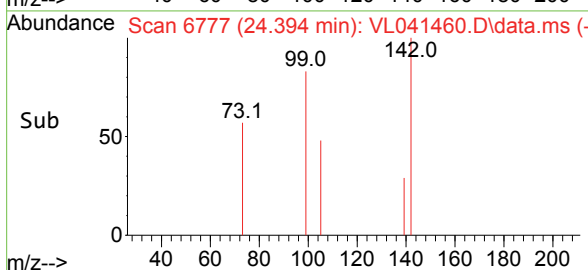
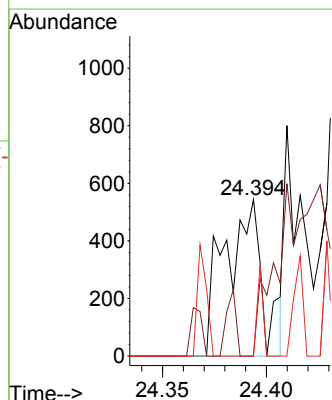
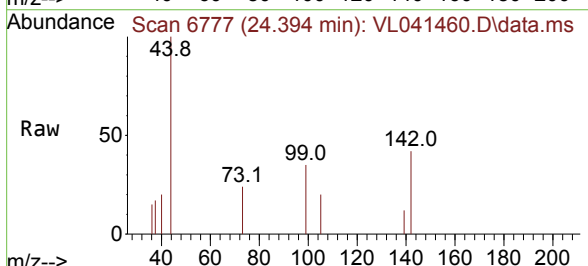
Tgt Ion:142 Resp: 686

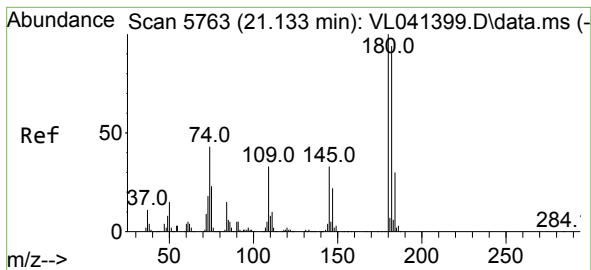
Ion Ratio Lower Upper

142 100

141 9.0 67.0 100.4#

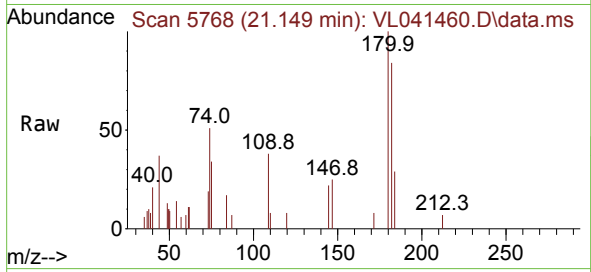
115 17.5 32.2 48.2#





#81
 1,2,4-Trichlorobenzene
 Concen: 0.014 ppbv
 RT: 21.149 min Scan# 51
 Delta R.T. 0.003 min
 Lab File: VL041460.D
 Acq: 31 Jul 2024 12:54

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion:180 Resp: 1998

Ion	Ratio	Lower	Upper
180	100		
182	0.0	76.7	115.1#
184	0.0	24.5	36.7#

