

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011524\
 Data File : VL040979.D
 Acq On : 15 Jan 2024 20:47
 Operator : SY/MD
 Sample : P1138-01 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jan 16 12:44:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL122023AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Jan 16 03:31:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.195	49	1276256	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.648	114	3293659	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.449	117	2980603	10.000	ppbv	0.01

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.757	95	2286682	10.415	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.200%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.748	85	29962	0.123	ppbv	91
3) Chlorodifluoromethane	2.674	51	113116	0.589	ppbv #	67
9) Propene	2.716	41	176418	2.784	ppbv	88
10) Heptane	7.568	43	173106	1.099	ppbv	98
11) Trichlorofluoromethane	3.581	101	17763	0.093	ppbv	88
12) 1,1,2-Trichlorotrifluo...	4.086	101	8611	0.058	ppbv #	15
13) Ethanol	3.262	45	13791	0.863	ppbv #	53
15) Acetone	3.484	43	1616756	10.562	ppbv	93
16) 1,3-Butadiene	3.028	39	68127	1.034	ppbv #	9
17) tert-Butyl alcohol	3.915	59	7557	0.067	ppbv #	72
19) Isopropyl Alcohol	3.603	45	8813	0.110	ppbv #	95
20) Methylene Chloride	3.947	84	193918	3.554	ppbv	98
21) Allyl Chloride	3.970	41	2069	0.023	ppbv #	1
23) Vinyl Acetate	4.629	43	89122	0.528	ppbv #	84
24) 1,1-Dichloroethane	4.574	63	5621	0.037	ppbv #	89
25) Ethyl Acetate	5.214	43	264796	0.998	ppbv #	78
26) Hexane	5.217	57	377659	3.213	ppbv #	38
27) Carbon Disulfide	4.137	76	6807	0.043	ppbv #	1
28) Methyl tert-Butyl Ether	4.597	73	2627	0.024	ppbv #	53
29) Chloroform	5.278	83	75930	0.383	ppbv	95
30) Cyclohexane	6.590	84	4511	0.046	ppbv #	1
32) 1,1,1-Trichloroethane	6.002	97	375044	1.956	ppbv	100
34) 2-Butanone	4.787	43	3120593	17.911	ppbv	98
35) Carbon Tetrachloride	6.002	117	26087	0.126	ppbv	87
36) Benzene	6.365	78	56344	0.219	ppbv #	89
38) Trichloroethene	7.282	130	588202	6.082	ppbv	96
39) 1,2-Dichloropropane	6.648	63	793902	7.846	ppbv #	24
41) Tetrahydrofuran	5.812	42	8997	0.085	ppbv #	43
44) 2,2,4-Trimethylpentane	7.320	57	19839	0.045	ppbv #	1
51) 2-Hexanone	9.545	43	264444	1.392	ppbv #	99
52) Tetrachloroethene	10.593	164	10821	0.125	ppbv #	83
53) Toluene	9.211	91	276564	0.969	ppbv	97
58) Ethyl Benzene	12.069	91	184696	0.482	ppbv	94
59) m/p-Xylene	12.326	91	643598	1.976	ppbv #	100
60) o-Xylene	13.037	91	271101	0.884	ppbv	100
62) Isopropylbenzene	14.002	105	28389	0.062	ppbv #	49
64) n-propylbenzene	14.892	120	13666	0.120	ppbv #	1
65) tert-Butylbenzene	16.082	119	47815	0.124	ppbv #	52
66) Benzyl Chloride	16.304	91	650	0.025	ppbv #	66
67) sec-Butylbenzene	16.915	105	152041	0.271	ppbv	95
69) p-Isopropyltoluene	16.979	119	27383	0.063	ppbv #	50
71) 2-Chlorotoluene	15.101	91	47128	0.134	ppbv	67
72) 4-Ethyltoluene	15.172	105	155790	0.463	ppbv #	97

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ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :

Quant Time: Jan 16 12:44:31 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL122023AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
QLast Update : Tue Jan 16 03:31:29 2024
Response via : Initial Calibration

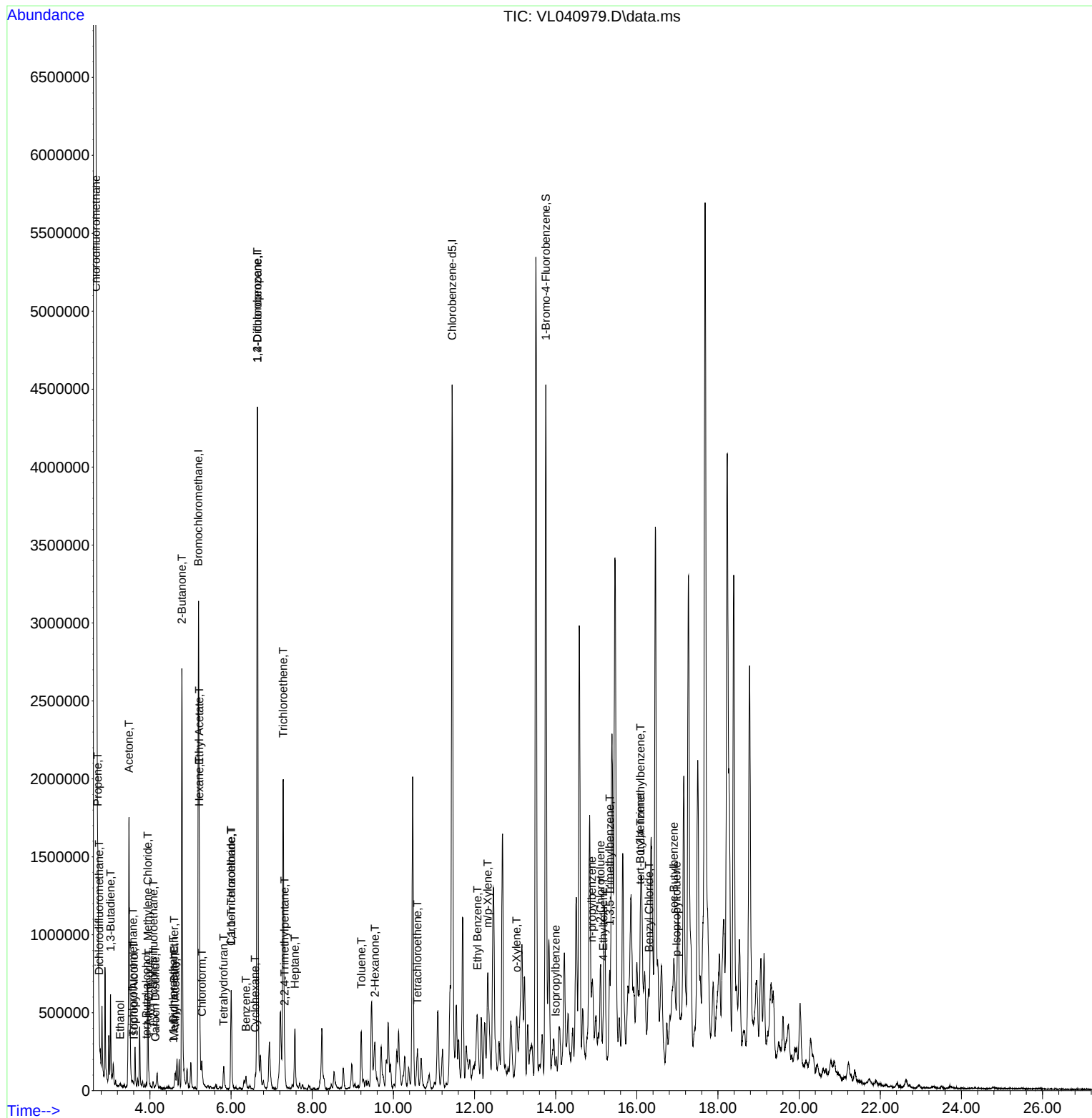
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
73) 1,3,5-Trimethylbenzene	15.333	105	103581	0.356	ppbv	88
74) 1,2,4-Trimethylbenzene	16.088	105	447881	1.385	ppbv #	67

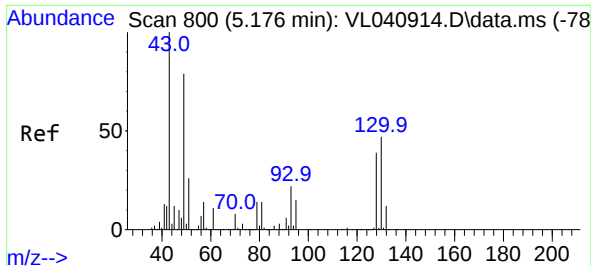
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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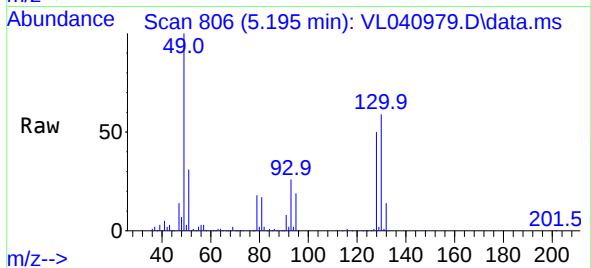
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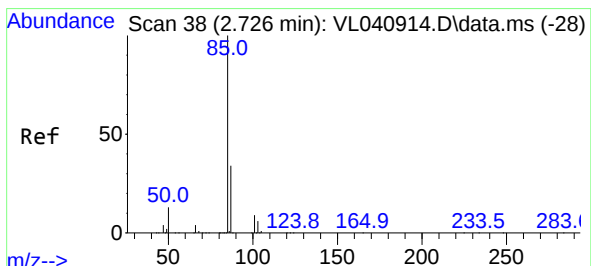
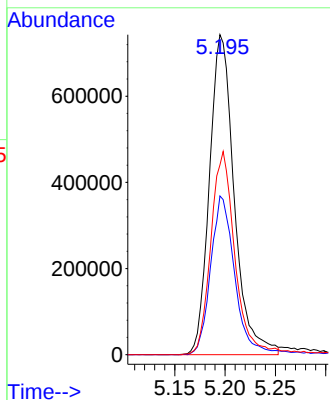
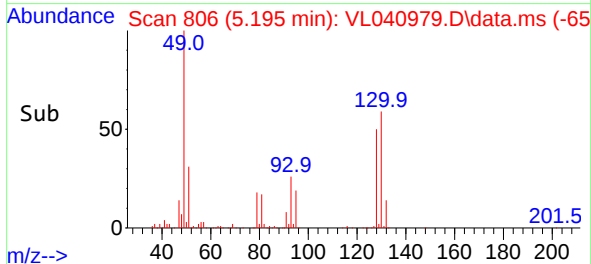


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 80
Delta R.T. -0.000 min
Lab File: VL040979.D
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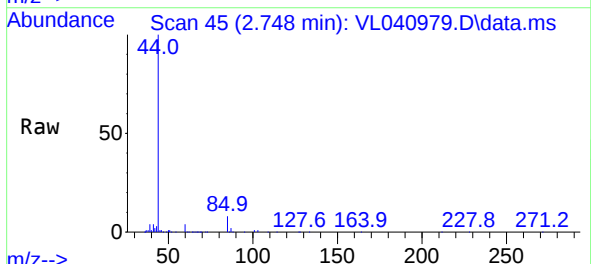
Instrument :
MSVOA_L
ClientSampleId :



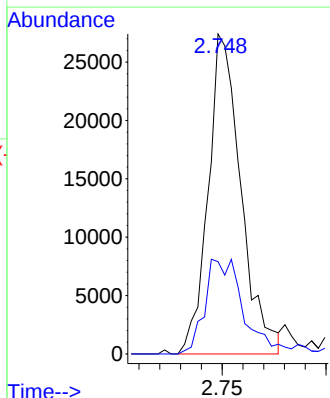
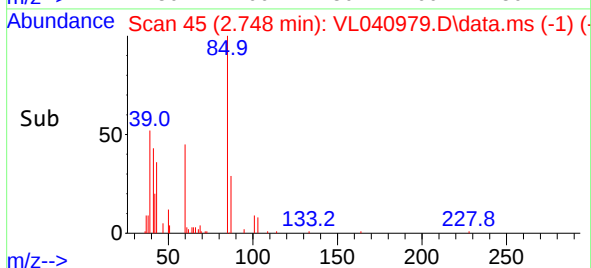
Tgt Ion: 49 Resp: 1276256
Ion Ratio Lower Upper
49 100
128 49.5 23.8 71.2
130 63.3 30.1 90.5

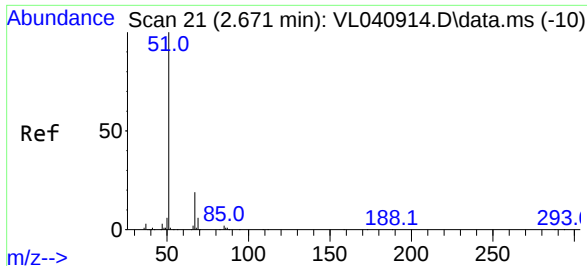


#2
Dichlorodifluoromethane
Concen: 0.123 ppbv
RT: 2.748 min Scan# 45
Delta R.T. -0.023 min
Lab File: VL040979.D
Acq: 15 Jan 2024 20:47



Tgt Ion: 85 Resp: 29962
Ion Ratio Lower Upper
85 100
87 28.9 27.0 40.6

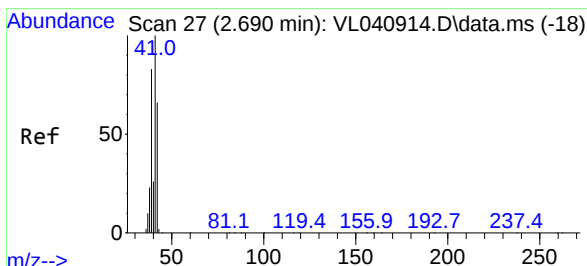
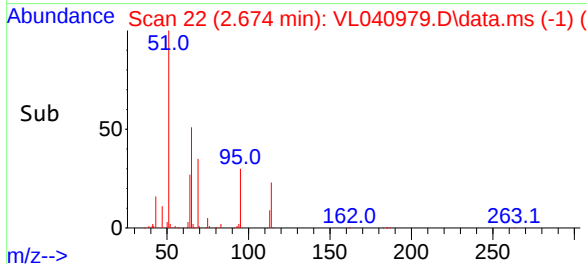
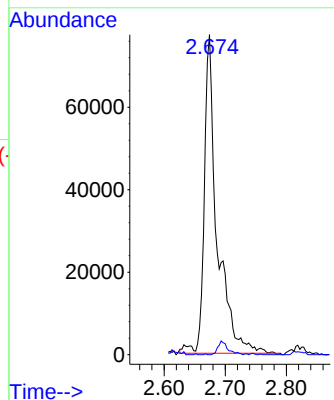
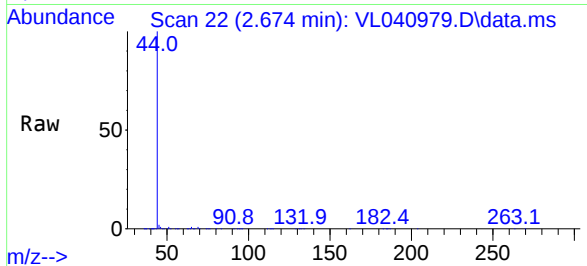




#3
Chlorodifluoromethane
Concen: 0.589 ppbv
RT: 2.674 min Scan# 21
Delta R.T. -0.042 min
Lab File: VL040979.D
Acq: 15 Jan 2024 20:47

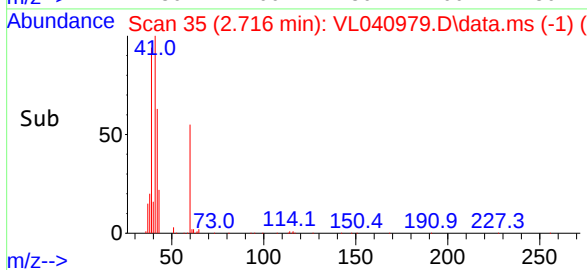
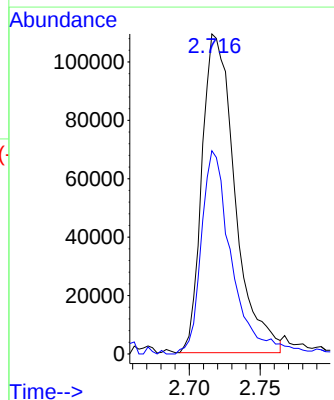
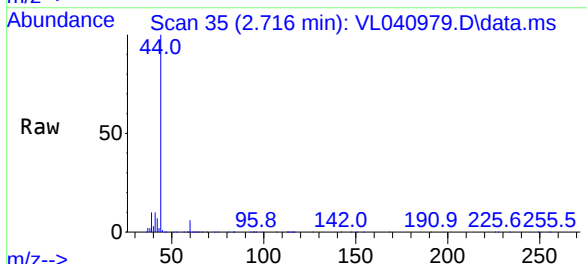
Instrument :
MSVOA_L
ClientSampleId :

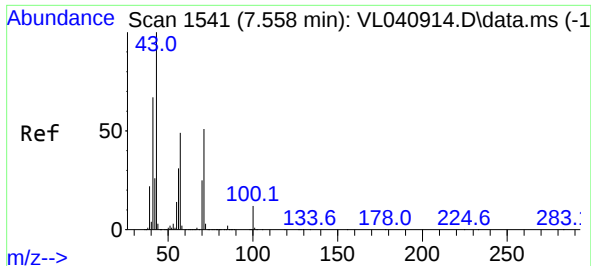
Tgt Ion: 51 Resp: 113116
Ion Ratio Lower Upper
51 100
67 3.5 14.7 22.1#



#9
Propene
Concen: 2.784 ppbv
RT: 2.716 min Scan# 35
Delta R.T. -0.019 min
Lab File: VL040979.D
Acq: 15 Jan 2024 20:47

Tgt Ion: 41 Resp: 176418
Ion Ratio Lower Upper
41 100
42 60.1 55.8 83.6

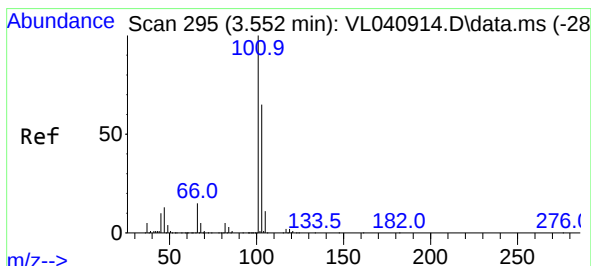
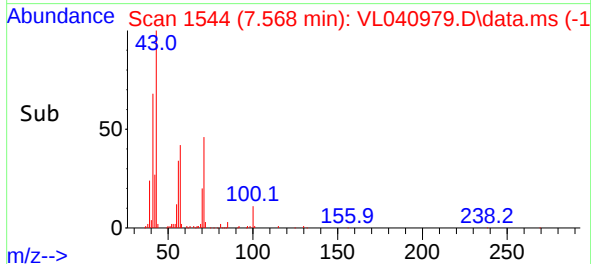
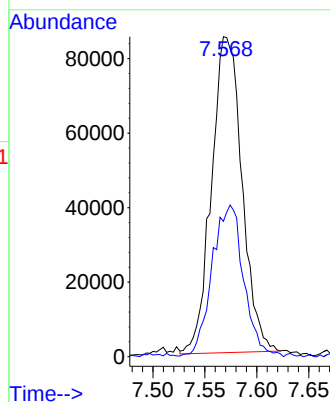
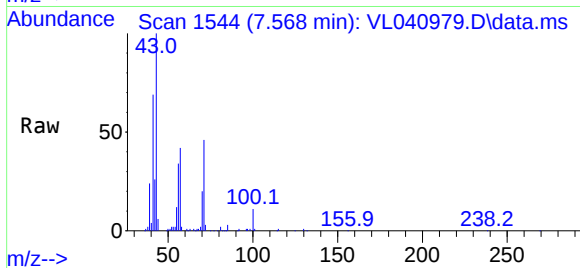




#10
Heptane
Concen: 1.099 ppbv
RT: 7.568 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL040979.D
Acq: 15 Jan 2024 20:47

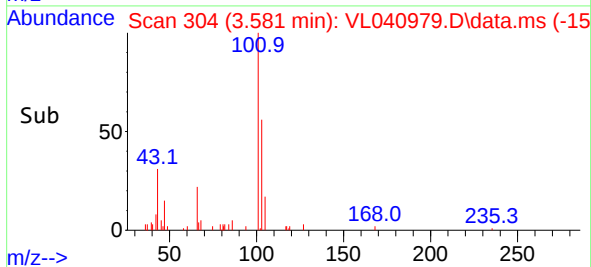
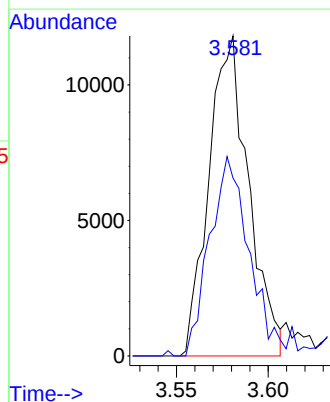
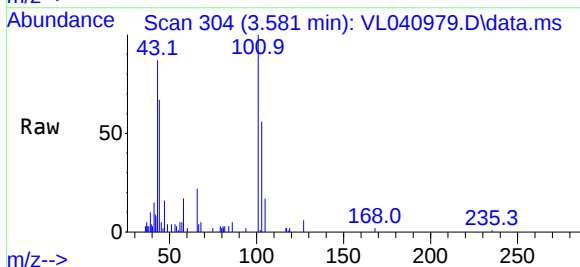
Instrument :
MSVOA_L
ClientSampleId :

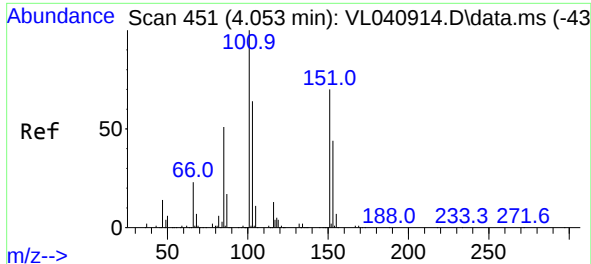
Tgt Ion: 43 Resp: 173106
Ion Ratio Lower Upper
43 100
57 50.3 39.3 58.9



#11
Trichlorofluoromethane
Concen: 0.093 ppbv
RT: 3.581 min Scan# 304
Delta R.T. -0.007 min
Lab File: VL040979.D
Acq: 15 Jan 2024 20:47

Tgt Ion:101 Resp: 17763
Ion Ratio Lower Upper
101 100
103 55.6 51.9 77.9

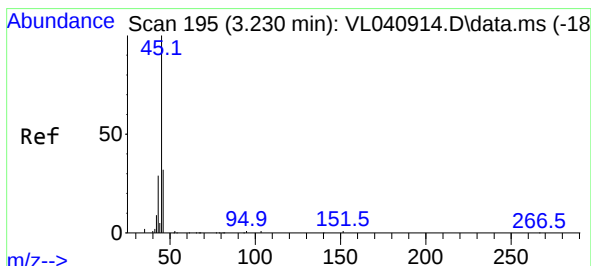
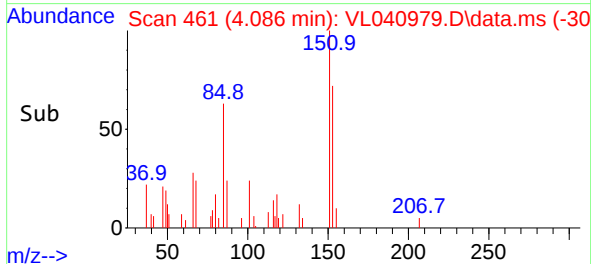
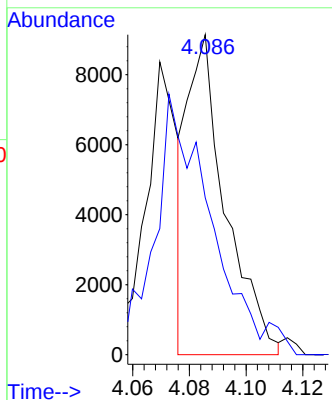
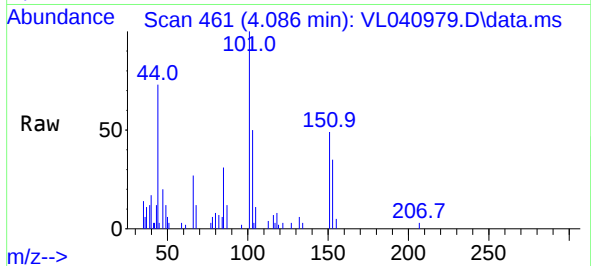




#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.058 ppbv
RT: 4.086 min Scan# 40
Delta R.T. 0.003 min
Lab File: VL040979.D
Acq: 15 Jan 2024 20:47

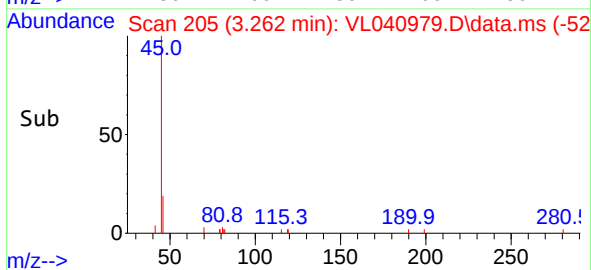
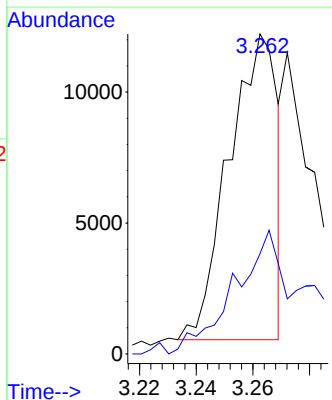
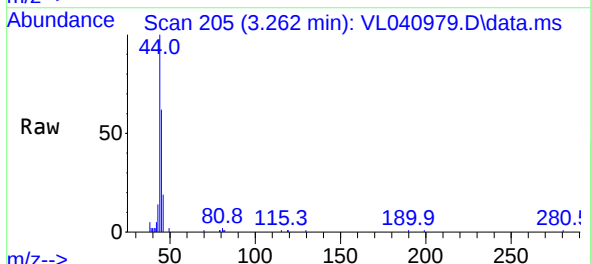
Instrument :
MSVOA_L
ClientSampleId :

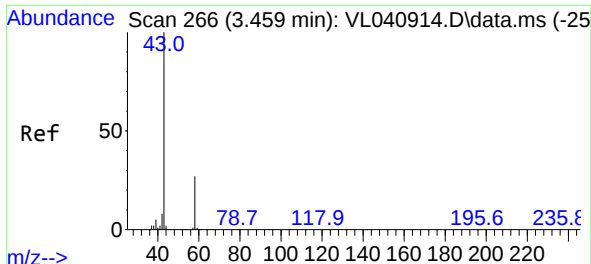
Tgt Ion:101 Resp: 8611
Ion Ratio Lower Upper
101 100
151 0.0 55.8 83.8#



#13
Ethanol
Concen: 0.863 ppbv
RT: 3.262 min Scan# 205
Delta R.T. -0.007 min
Lab File: VL040979.D
Acq: 15 Jan 2024 20:47

Tgt Ion: 45 Resp: 13791
Ion Ratio Lower Upper
45 100
46 65.9 15.0 60.0#

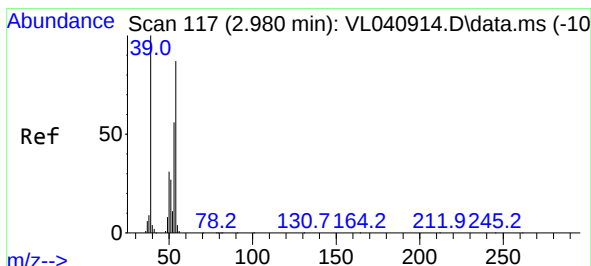
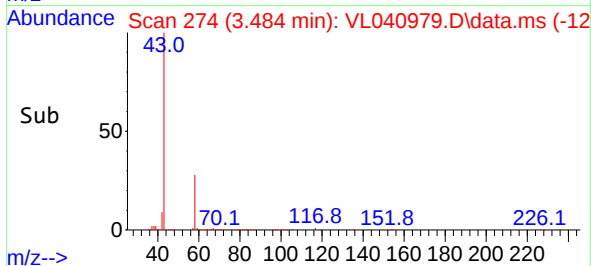
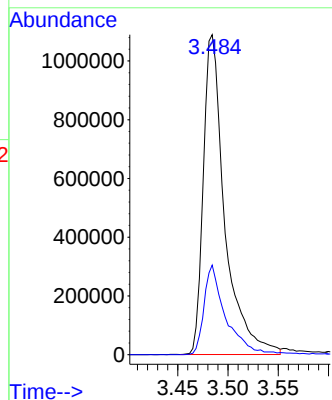
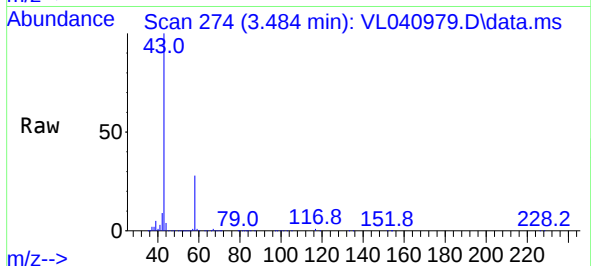




#15
Acetone
Concen: 10.562 ppbv
RT: 3.484 min Scan# 21
Delta R.T. -0.010 min
Lab File: VL040979.D
Acq: 15 Jan 2024 20:47

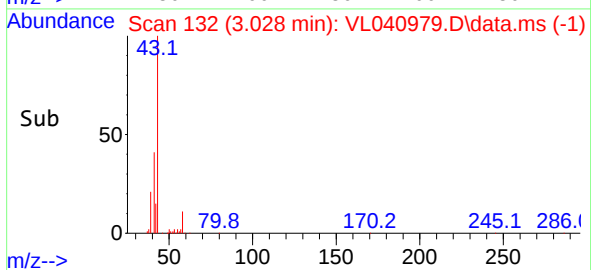
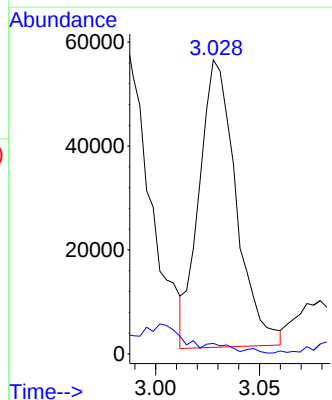
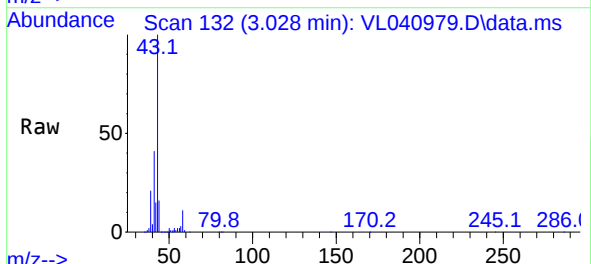
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ClientSampleId :

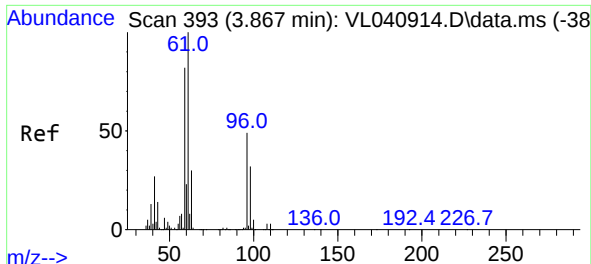
Tgt Ion: 43 Resp: 1616756
Ion Ratio Lower Upper
43 100
58 29.3 20.6 30.8



#16
1,3-Butadiene
Concen: 1.034 ppbv
RT: 3.028 min Scan# 132
Delta R.T. 0.006 min
Lab File: VL040979.D
Acq: 15 Jan 2024 20:47

Tgt Ion: 39 Resp: 68127
Ion Ratio Lower Upper
39 100
54 0.0 63.8 95.6#

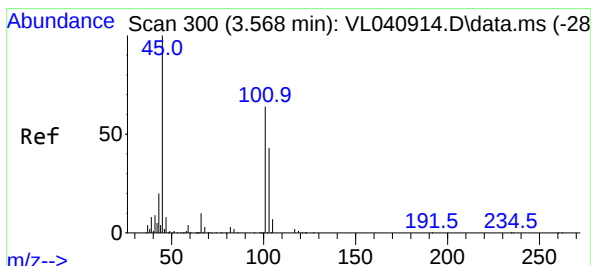
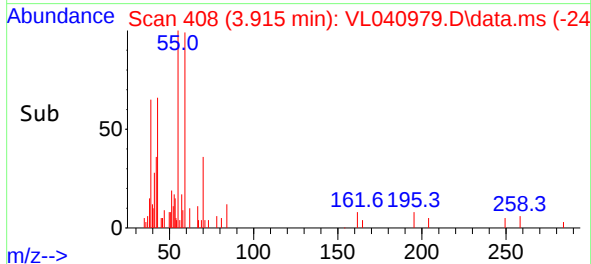
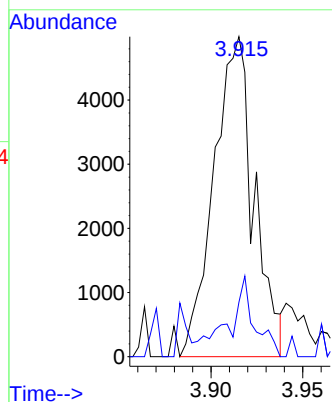
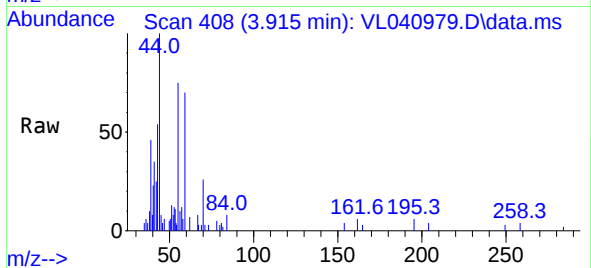




#17
tert-Butyl alcohol
Concen: 0.067 ppbv
RT: 3.915 min Scan# 408
Delta R.T. 0.016 min
Lab File: VL040979.D
Acq: 15 Jan 2024 20:47

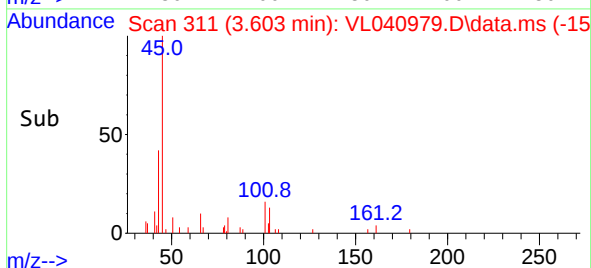
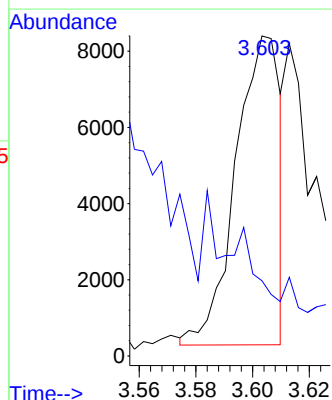
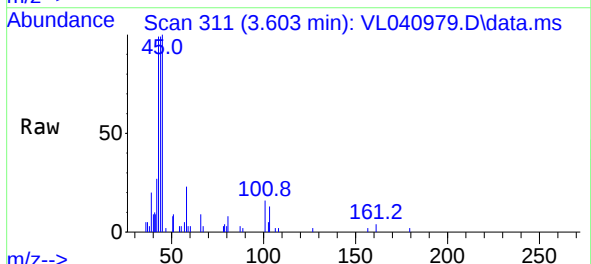
Instrument :
MSVOA_L
ClientSampleId :

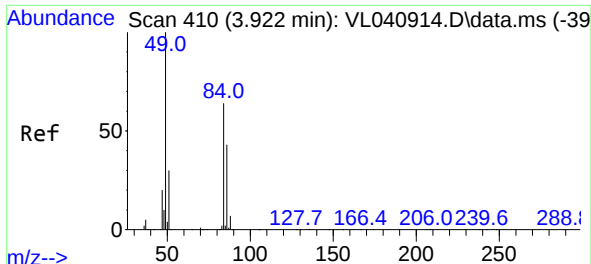
Tgt Ion: 59 Resp: 7557
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#19
Isopropyl Alcohol
Concen: 0.110 ppbv
RT: 3.603 min Scan# 311
Delta R.T. 0.003 min
Lab File: VL040979.D
Acq: 15 Jan 2024 20:47

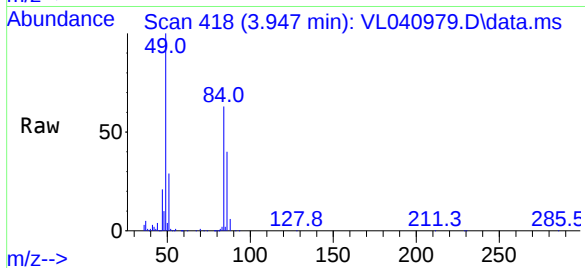
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Ion Ratio Lower Upper
45 100
58 0.0 1.5 2.3#



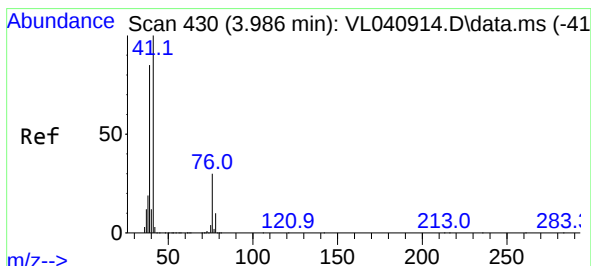
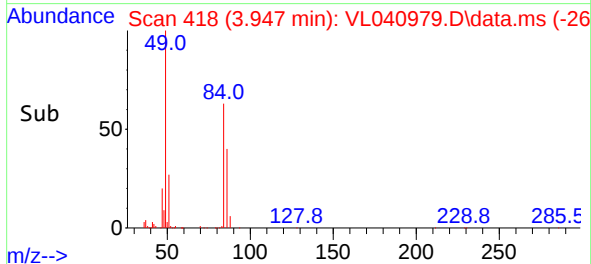
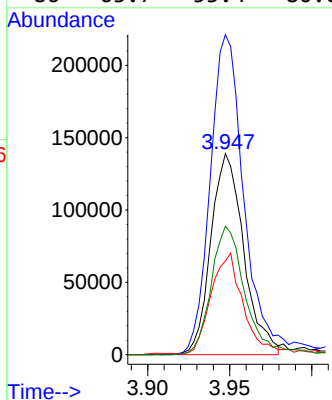


#20
Methylene Chloride
Concen: 3.554 ppbv
RT: 3.947 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL040979.D
Acq: 15 Jan 2024 20:47

Instrument :
MSVOA_L
ClientSampleId :

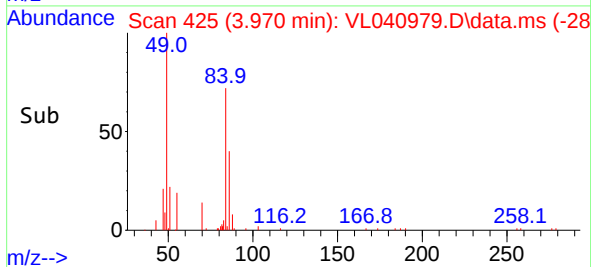
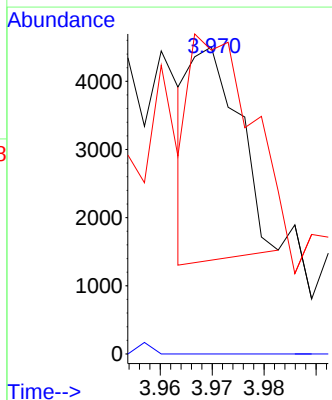
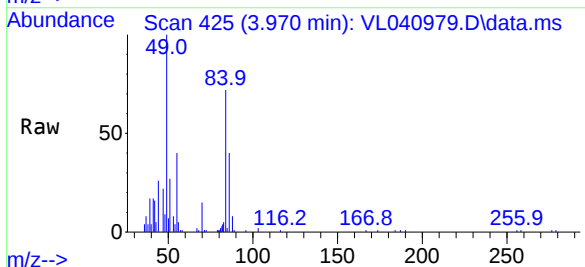


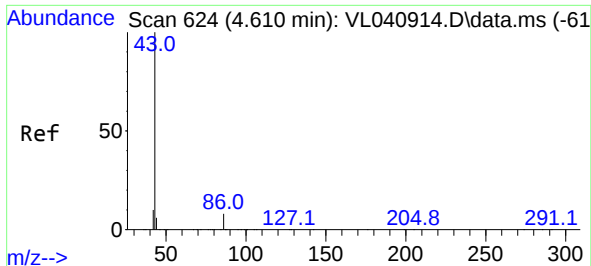
Tgt Ion: 84 Resp: 193918
Ion Ratio Lower Upper
84 100
49 158.5 124.6 187.0
51 46.5 37.2 55.8
86 63.7 53.4 80.0



#21
Allyl Chloride
Concen: 0.023 ppbv
RT: 3.970 min Scan# 425
Delta R.T. -0.045 min
Lab File: VL040979.D
Acq: 15 Jan 2024 20:47

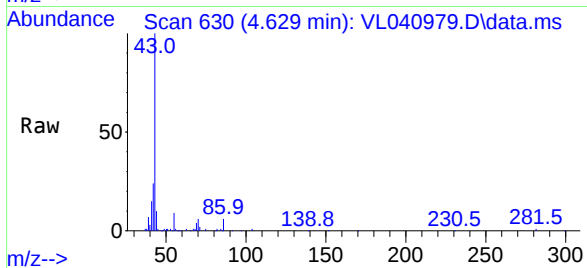
Tgt Ion: 41 Resp: 2069
Ion Ratio Lower Upper
41 100
76 0.0 23.9 35.9#
39 446.8 66.5 99.7#





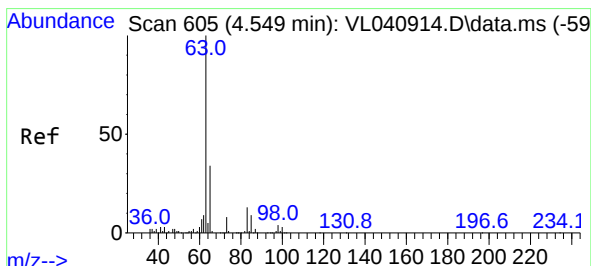
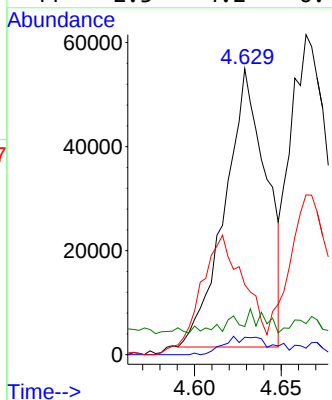
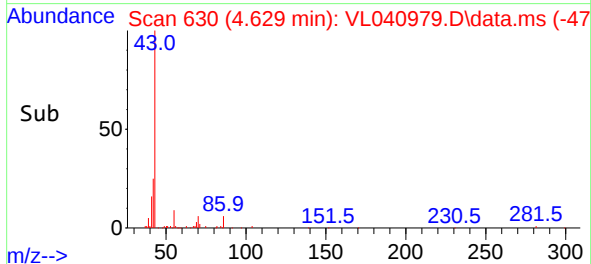
#23
Vinyl Acetate
Concen: 0.528 ppbv
RT: 4.629 min Scan# 613
Delta R.T. -0.007 min
Lab File: VL040979.D
Acq: 15 Jan 2024 20:47

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion: 43 Resp: 89122

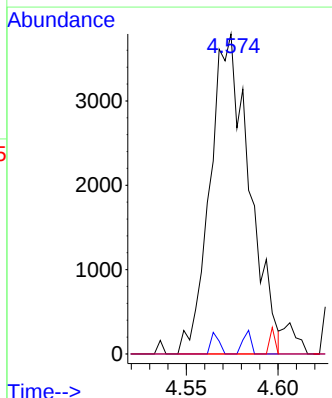
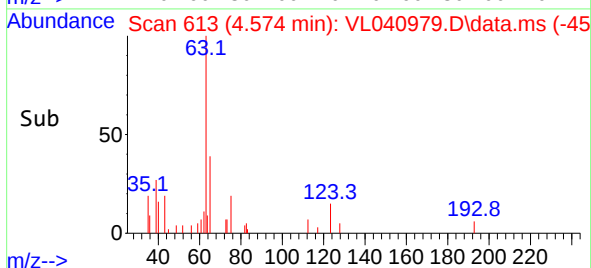
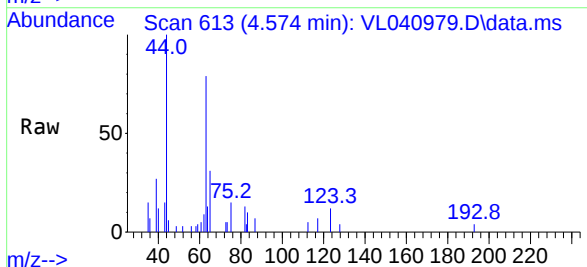
Ion	Ratio	Lower	Upper
43	100		
86	6.3	5.5	8.3
42	21.7	8.4	12.6#
44	2.3	4.2	6.4#

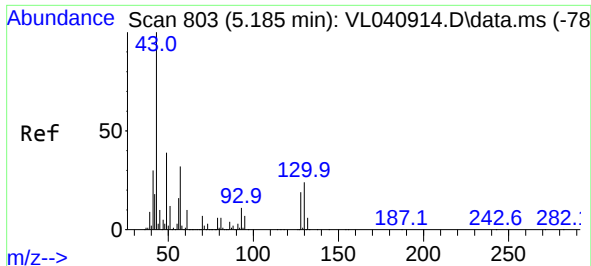


#24
1,1-Dichloroethane
Concen: 0.037 ppbv
RT: 4.574 min Scan# 613
Delta R.T. -0.000 min
Lab File: VL040979.D
Acq: 15 Jan 2024 20:47

Tgt Ion: 63 Resp: 5621

Ion	Ratio	Lower	Upper
63	100		
98	0.0	2.1	6.5#
100	0.0	1.4	4.2#



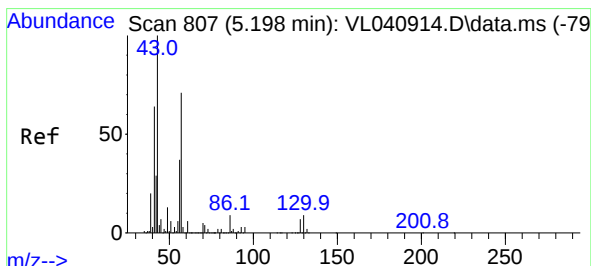
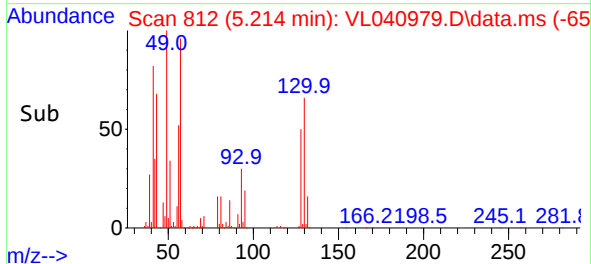
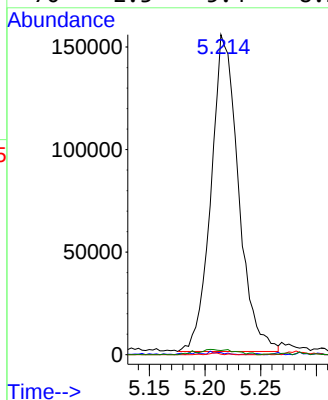
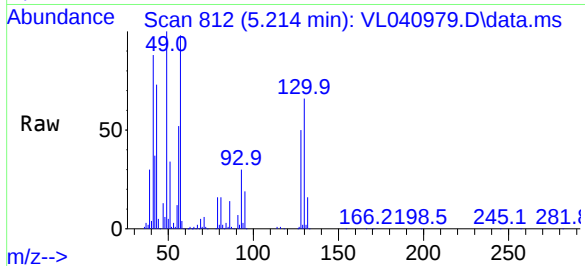


#25
Ethyl Acetate
Concen: 0.998 ppbv
RT: 5.214 min Scan# 812
Delta R.T. 0.009 min
Lab File: VL040979.D
Acq: 15 Jan 2024 20:47

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 264796

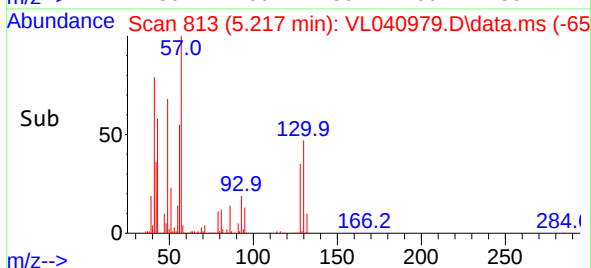
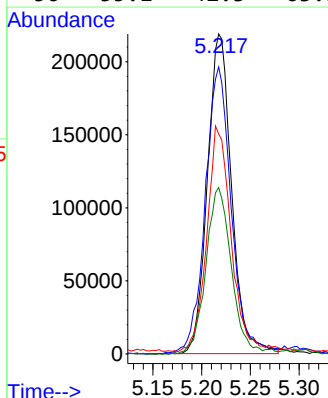
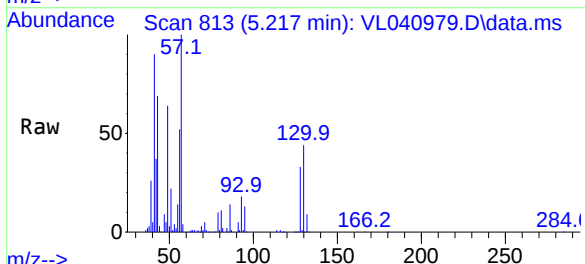
Ion	Ratio	Lower	Upper
43	100		
45	0.9	8.2	12.2#
61	0.3	7.6	11.4#
70	2.3	5.4	8.2#

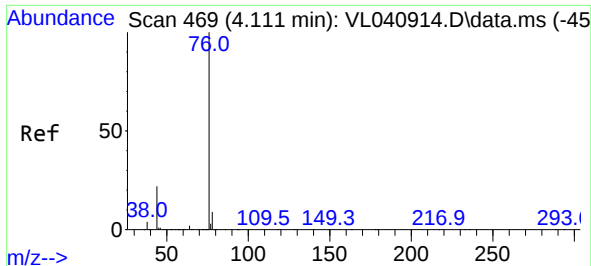


#26
Hexane
Concen: 3.213 ppbv
RT: 5.217 min Scan# 813
Delta R.T. 0.003 min
Lab File: VL040979.D
Acq: 15 Jan 2024 20:47

Tgt Ion: 57 Resp: 377659

Ion	Ratio	Lower	Upper
57	100		
41	97.0	75.2	112.8
43	70.6	188.0	282.0#
56	55.1	42.3	63.5

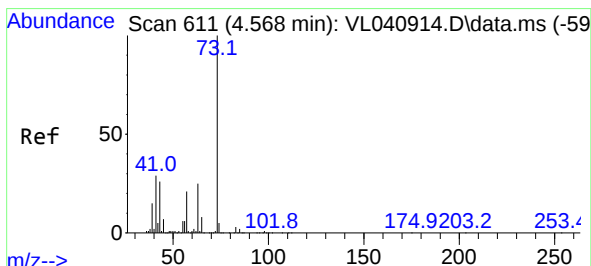
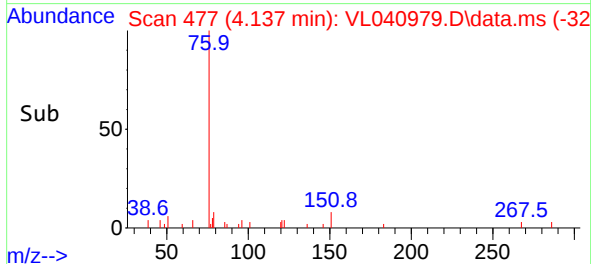
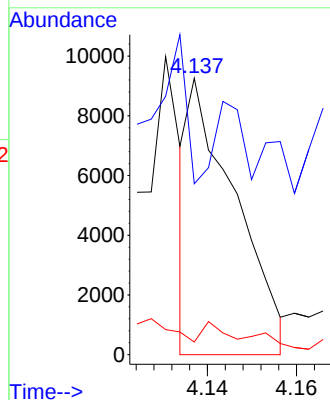
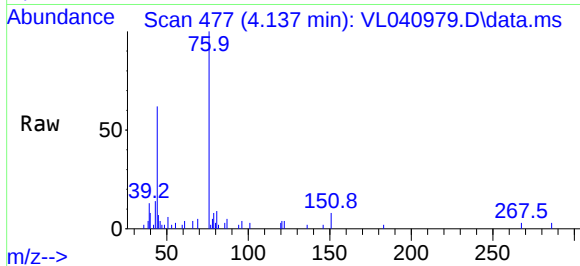




#27
Carbon Disulfide
Concen: 0.043 ppbv
RT: 4.137 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL040979.D
Acq: 15 Jan 2024 20:47

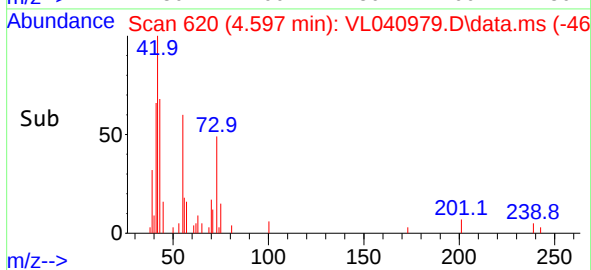
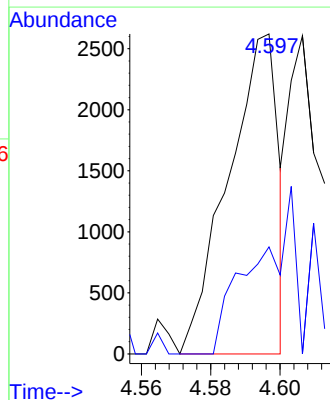
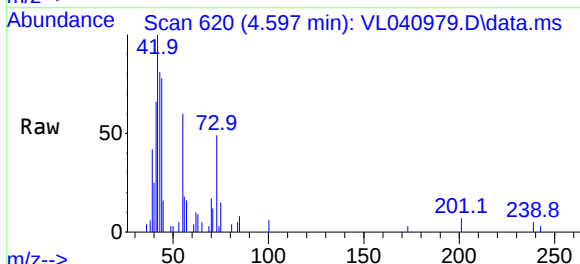
Instrument :
MSVOA_L
ClientSampleId :

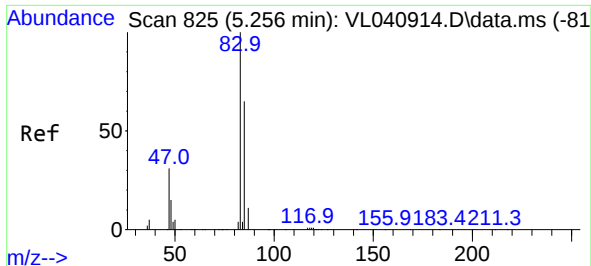
Tgt Ion: 76 Resp: 6807
Ion Ratio Lower Upper
76 100
44 156.2 18.4 27.6#
78 0.0 7.9 11.9#



#28
Methyl tert-Butyl Ether
Concen: 0.024 ppbv
RT: 4.597 min Scan# 620
Delta R.T. -0.000 min
Lab File: VL040979.D
Acq: 15 Jan 2024 20:47

Tgt Ion: 73 Resp: 2627
Ion Ratio Lower Upper
73 100
57 0.0 18.0 27.0#

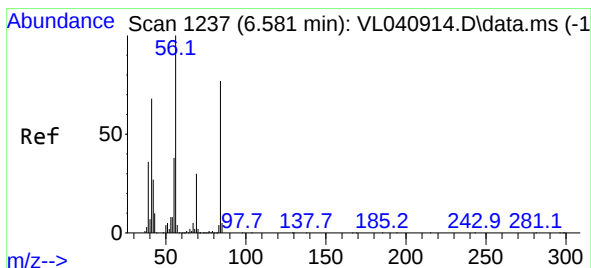
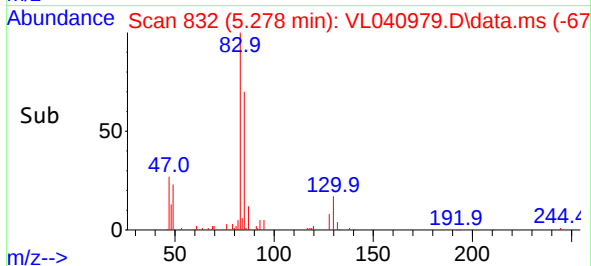
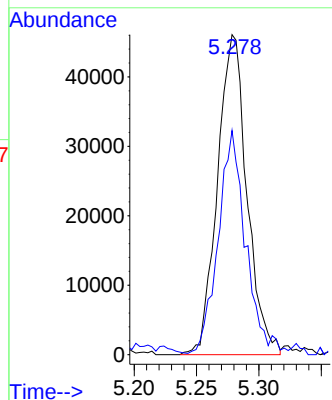
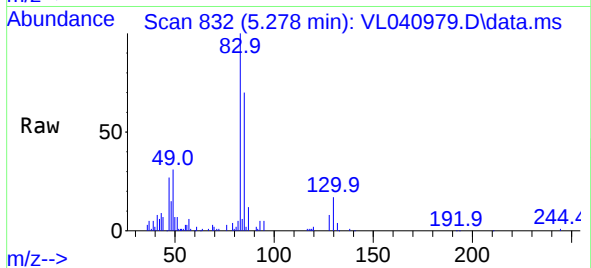




#29
Chloroform
Concen: 0.383 ppbv
RT: 5.278 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL040979.D
Acq: 15 Jan 2024 20:47

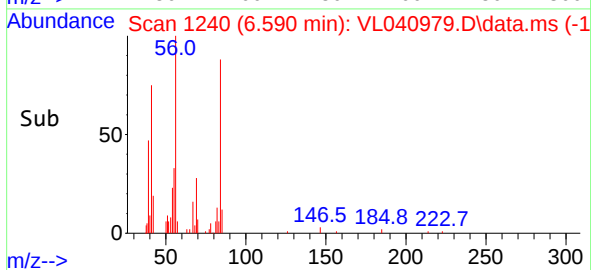
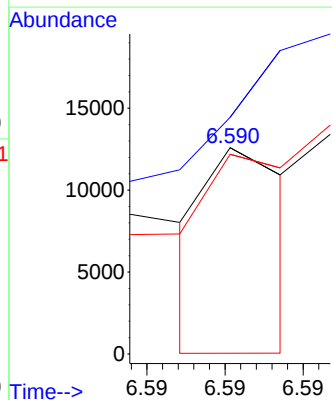
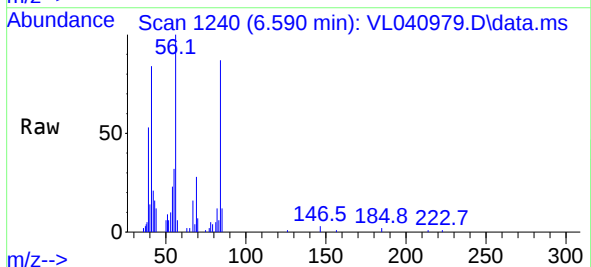
Instrument :
MSVOA_L
ClientSampleId :

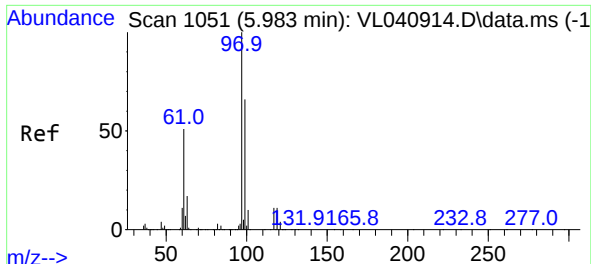
Tgt Ion: 83 Resp: 75930
Ion Ratio Lower Upper
83 100
85 69.2 52.3 78.5



#30
Cyclohexane
Concen: 0.046 ppbv
RT: 6.590 min Scan# 1240
Delta R.T. -0.003 min
Lab File: VL040979.D
Acq: 15 Jan 2024 20:47

Tgt Ion: 84 Resp: 4511
Ion Ratio Lower Upper
84 100
56 0.0 111.4 167.2#
41 0.0 70.0 105.0#

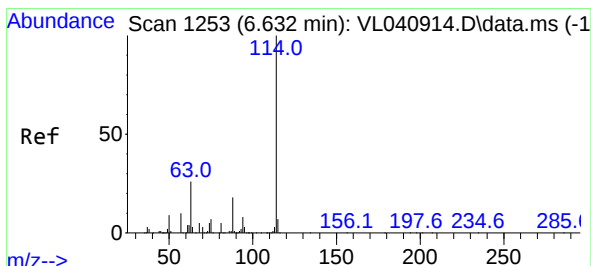
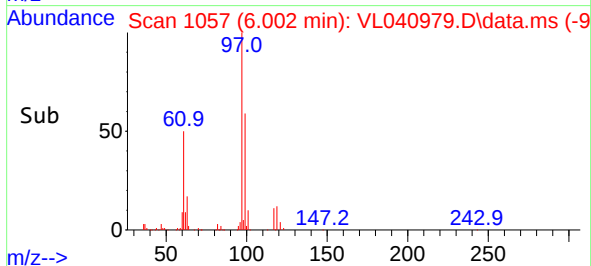
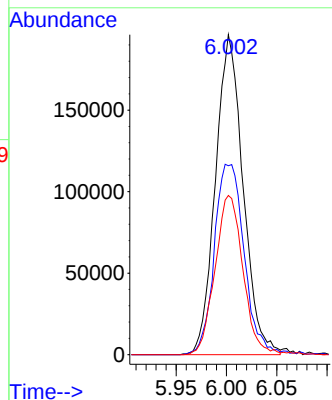
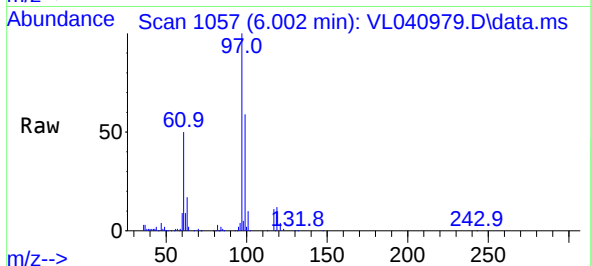




#32
1,1,1-Trichloroethane
Concen: 1.956 ppbv
RT: 6.002 min Scan# 1057
Delta R.T. 0.003 min
Lab File: VL040979.D
Acq: 15 Jan 2024 20:47

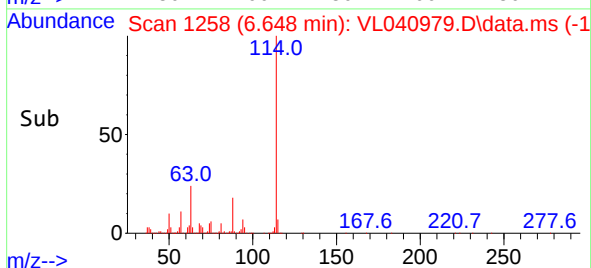
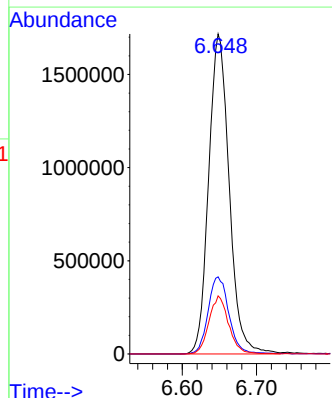
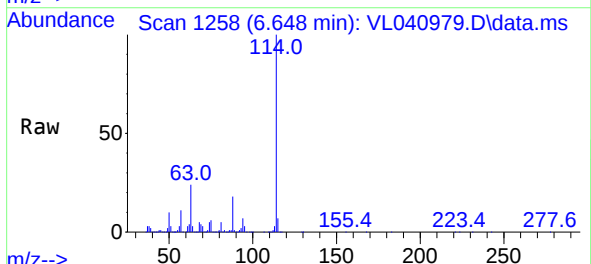
Instrument :
MSVOA_L
ClientSampleId :

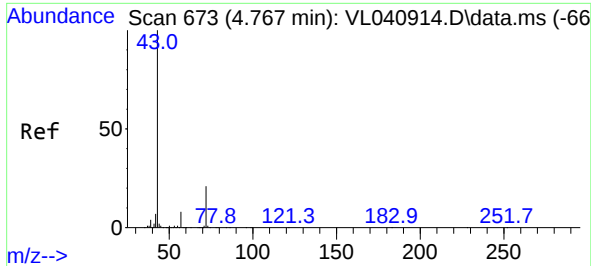
Tgt Ion: 97 Resp: 375044
Ion Ratio Lower Upper
97 100
99 64.7 51.8 77.6
61 50.7 41.0 61.6



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.648 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VL040979.D
Acq: 15 Jan 2024 20:47

Tgt Ion: 114 Resp: 3293659
Ion Ratio Lower Upper
114 100
63 24.6 21.0 31.6
88 17.5 14.3 21.5

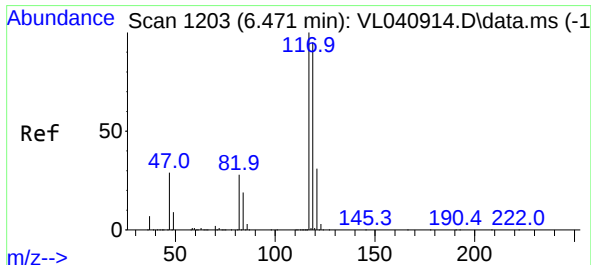
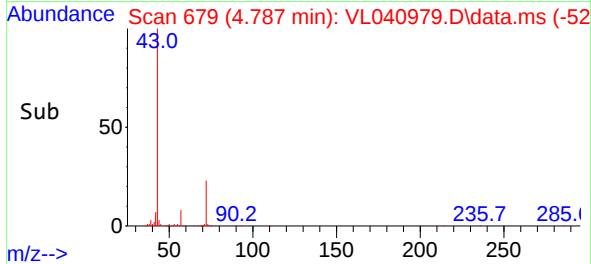
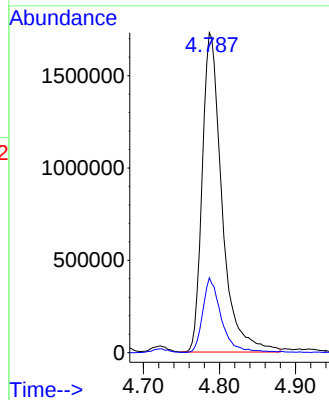
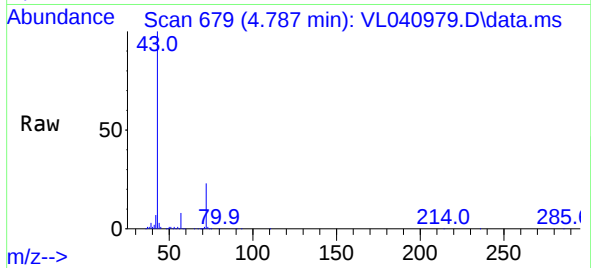




#34
2-Butanone
Concen: 17.911 ppbv
RT: 4.787 min Scan# 61
Delta R.T. -0.007 min
Lab File: VL040979.D
Acq: 15 Jan 2024 20:47

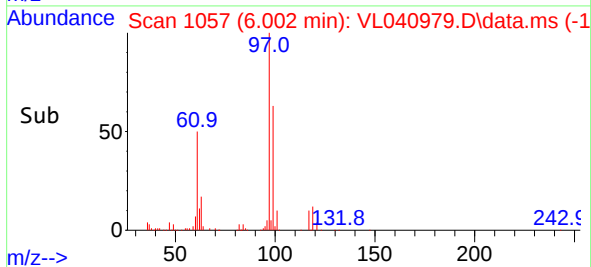
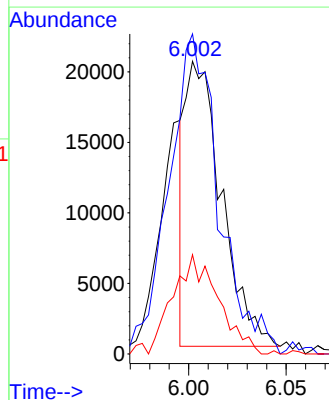
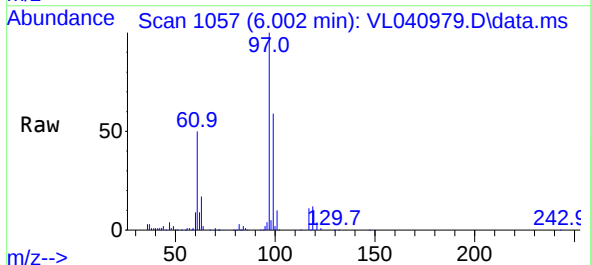
Instrument :
MSVOA_L
ClientSampleId :

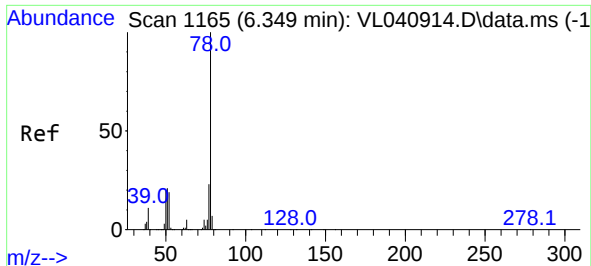
Tgt Ion: 43 Resp: 3120593
Ion Ratio Lower Upper
43 100
72 22.3 17.2 25.8



#35
Carbon Tetrachloride
Concen: 0.126 ppbv
RT: 6.002 min Scan# 1057
Delta R.T. -0.482 min
Lab File: VL040979.D
Acq: 15 Jan 2024 20:47

Tgt Ion: 117 Resp: 26087
Ion Ratio Lower Upper
117 100
119 110.1 76.3 114.5
121 34.1 24.9 37.3

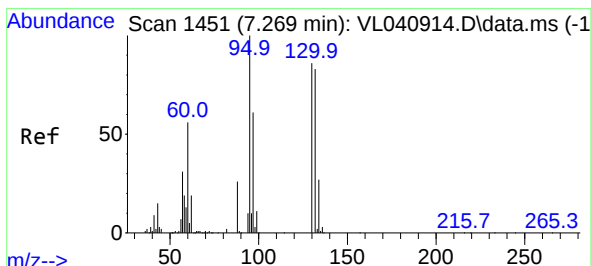
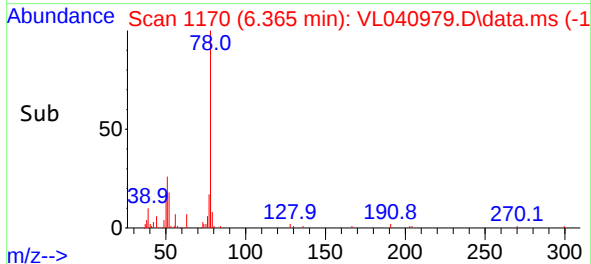
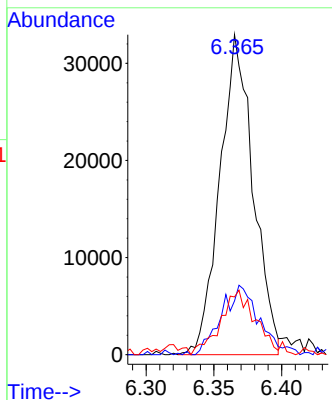
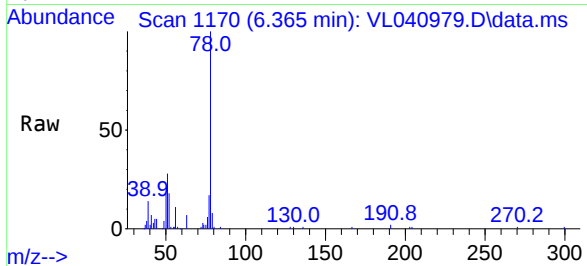




#36
Benzene
Concen: 0.219 ppbv
RT: 6.365 min Scan# 1165
Delta R.T. 0.003 min
Lab File: VL040979.D
Acq: 15 Jan 2024 20:47

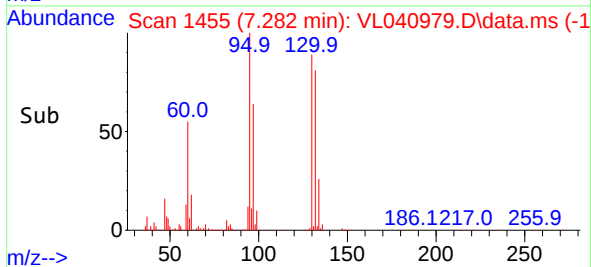
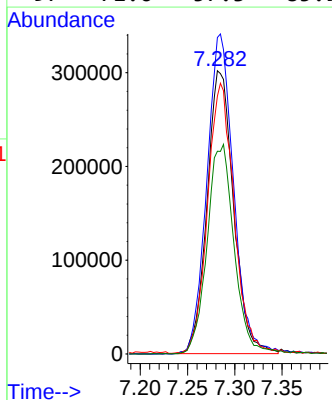
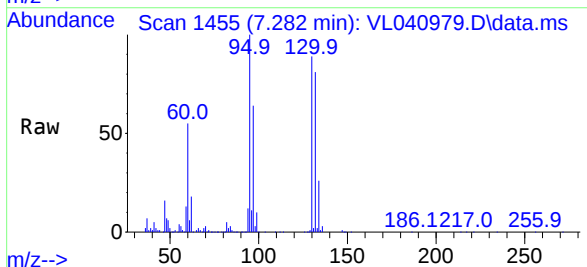
Instrument :
MSVOA_L
ClientSampleId :

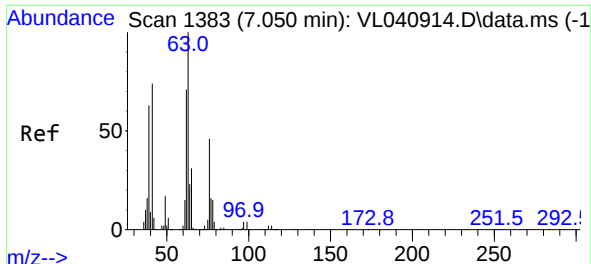
Tgt Ion: 78 Resp: 56344
Ion Ratio Lower Upper
78 100
77 16.4 18.4 27.6#
50 16.7 16.0 24.0



#38
Trichloroethene
Concen: 6.082 ppbv
RT: 7.282 min Scan# 1455
Delta R.T. 0.003 min
Lab File: VL040979.D
Acq: 15 Jan 2024 20:47

Tgt Ion:130 Resp: 588202
Ion Ratio Lower Upper
130 100
95 111.6 93.5 140.3
132 90.6 77.4 116.2
97 71.6 57.3 85.9

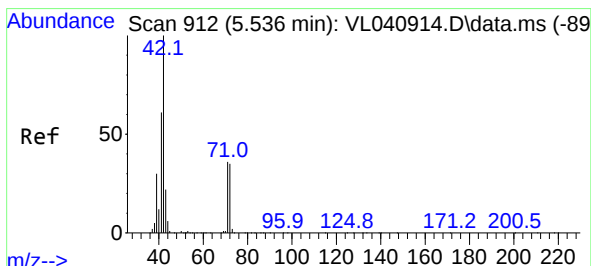
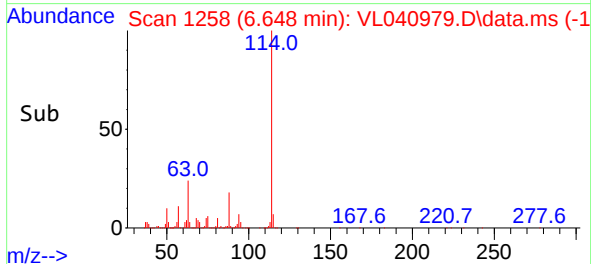
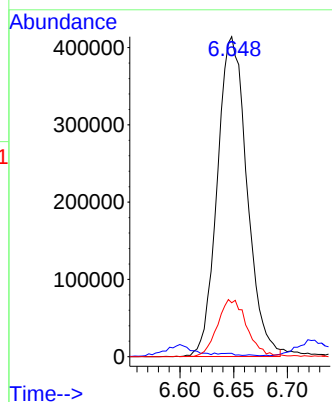
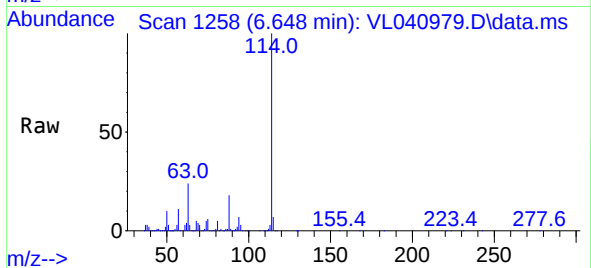




#39
1,2-Dichloropropane
Concen: 7.846 ppbv
RT: 6.648 min Scan# 11
Delta R.T. -0.412 min
Lab File: VL040979.D
Acq: 15 Jan 2024 20:47

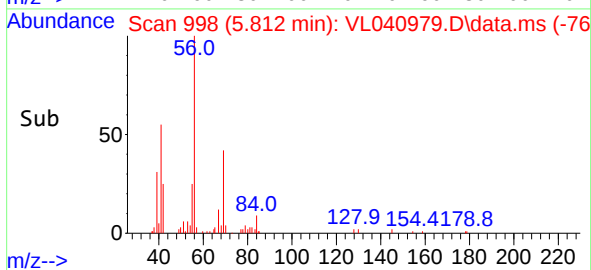
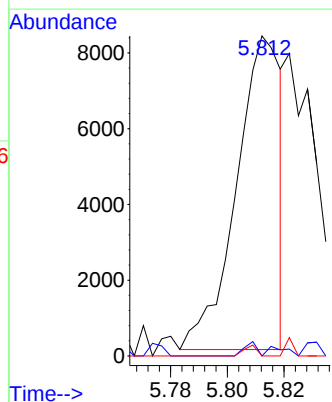
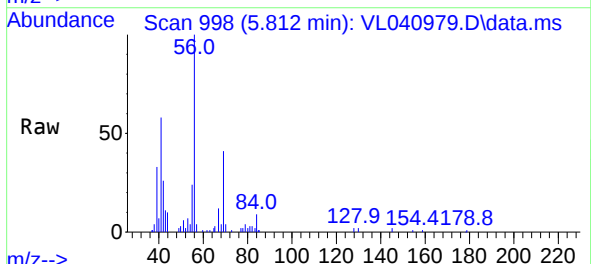
Instrument :
MSVOA_L
ClientSampleId :

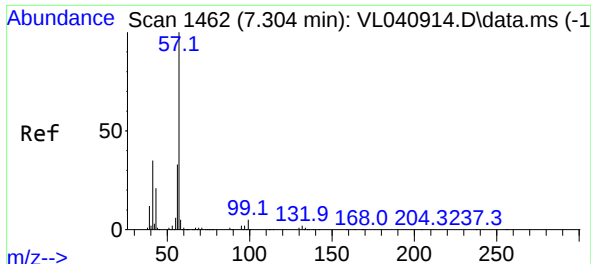
Tgt Ion: 63 Resp: 793902
Ion Ratio Lower Upper
63 100
41 0.3 59.0 88.6#
62 16.8 56.6 85.0#



#41
Tetrahydrofuran
Concen: 0.085 ppbv
RT: 5.812 min Scan# 998
Delta R.T. 0.260 min
Lab File: VL040979.D
Acq: 15 Jan 2024 20:47

Tgt Ion: 42 Resp: 8997
Ion Ratio Lower Upper
42 100
72 5.9 29.6 44.4#
71 0.0 29.1 43.7#





#44

2,2,4-Trimethylpentane

Concen: 0.045 ppbv

RT: 7.320 min Scan# 1467

Delta R.T. 0.009 min

Lab File: VL040979.D

Acq: 15 Jan 2024 20:47

Instrument :

MSVOA_L

ClientSampleId :

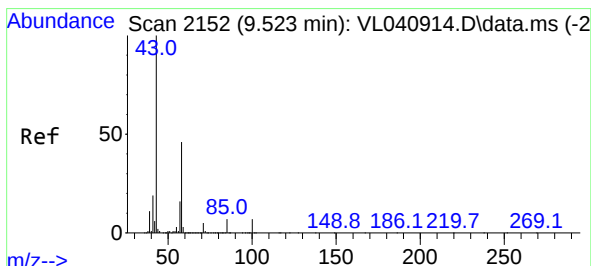
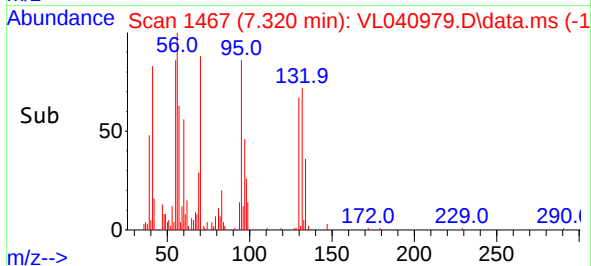
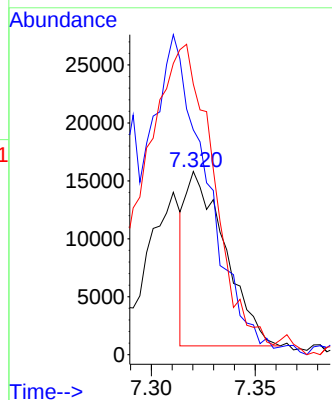
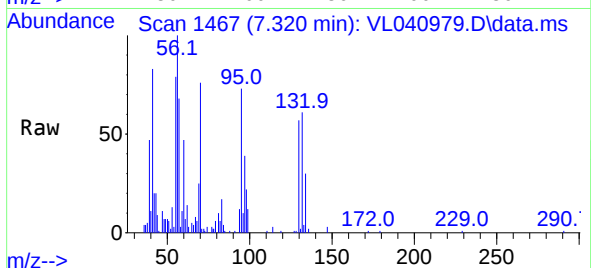
Tgt Ion: 57 Resp: 19839

Ion Ratio Lower Upper

57 100

41 0.0 28.2 42.4#

56 324.2 25.3 37.9#



#51

2-Hexanone

Concen: 1.392 ppbv

RT: 9.545 min Scan# 2159

Delta R.T. 0.022 min

Lab File: VL040979.D

Acq: 15 Jan 2024 20:47

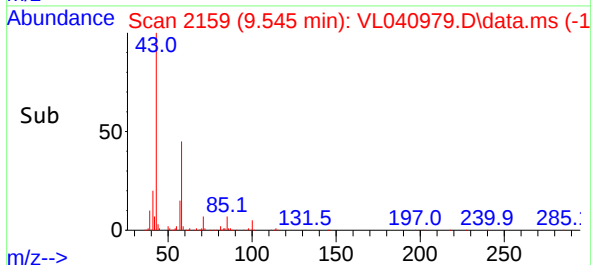
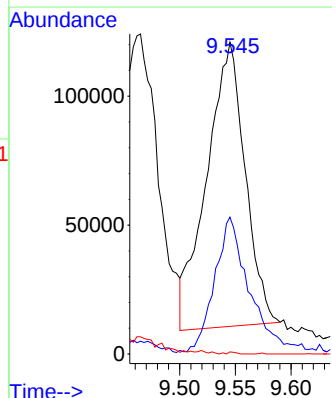
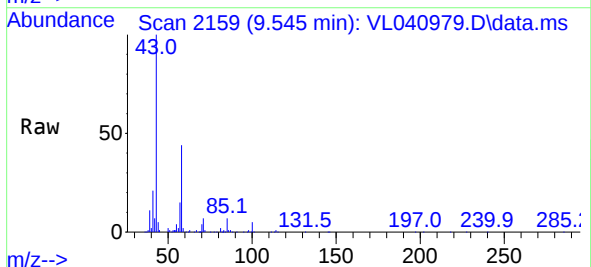
Tgt Ion: 43 Resp: 264444

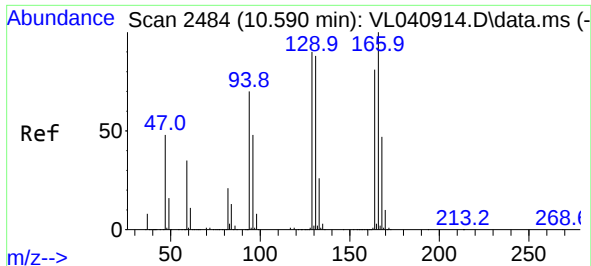
Ion Ratio Lower Upper

43 100

58 46.0 37.3 55.9

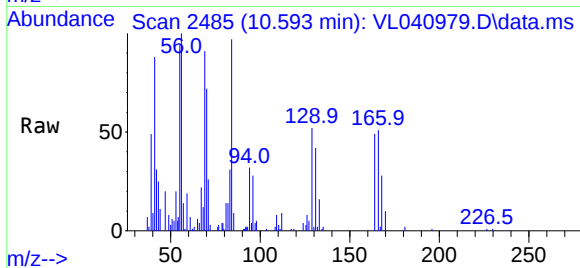
98 0.0 0.2 0.2#



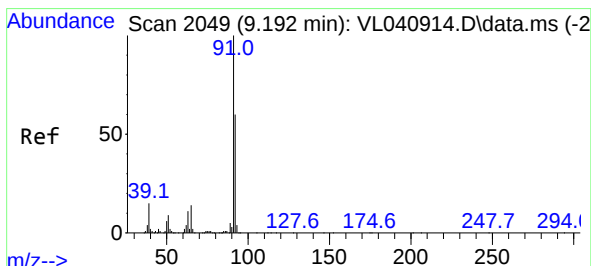
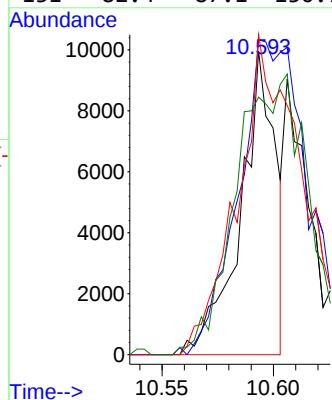
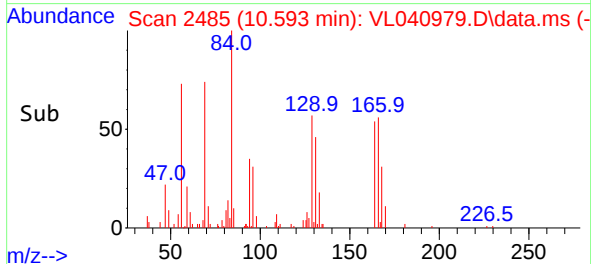


#52
Tetrachloroethene
Concen: 0.125 ppbv
RT: 10.593 min Scan# 24
Delta R.T. 0.006 min
Lab File: VL040979.D
Acq: 15 Jan 2024 20:47

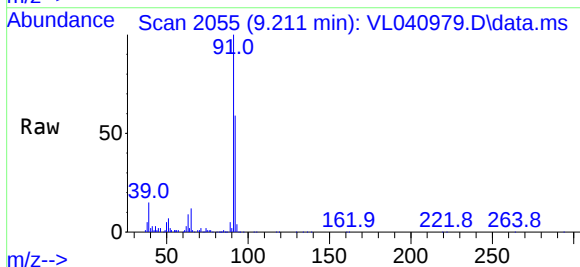
Instrument :
MSVOA_L
ClientSampleId :



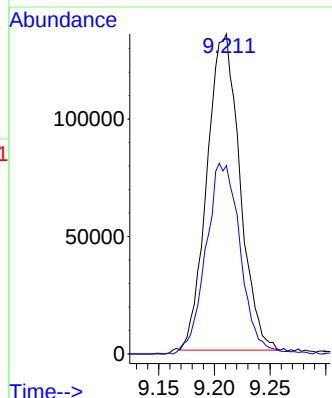
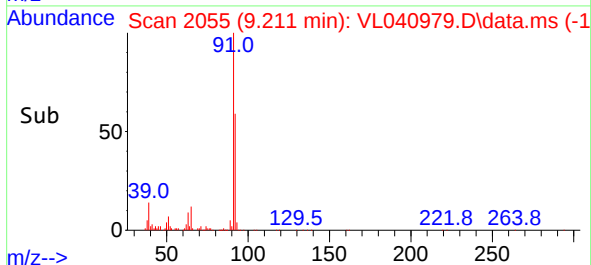
Tgt Ion:164 Resp: 10821
Ion Ratio Lower Upper
164 100
166 101.3 98.9 148.3
129 105.4 88.7 133.1
131 82.4 87.1 130.7#

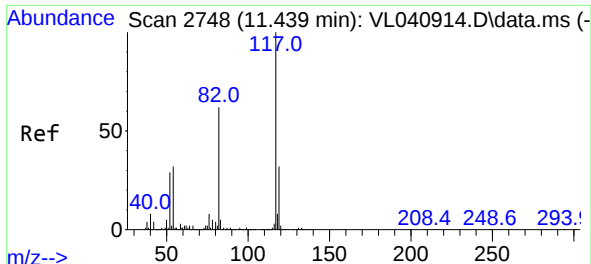


#53
Toluene
Concen: 0.969 ppbv
RT: 9.211 min Scan# 2055
Delta R.T. 0.016 min
Lab File: VL040979.D
Acq: 15 Jan 2024 20:47



Tgt Ion: 91 Resp: 276564
Ion Ratio Lower Upper
91 100
92 63.6 49.2 73.8

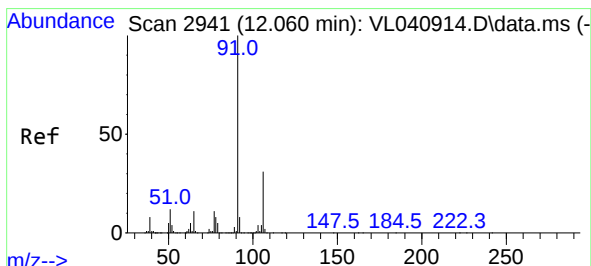
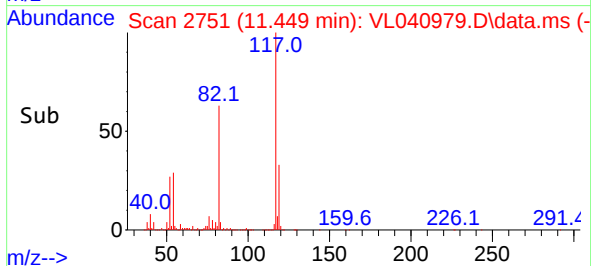
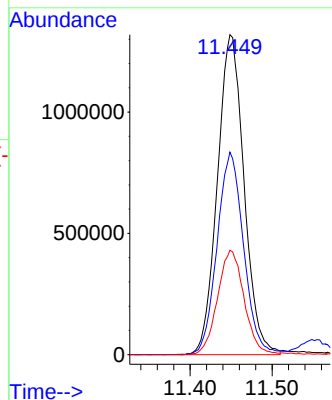
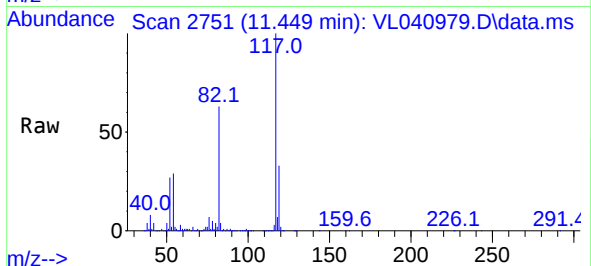




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.449 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL040979.D
Acq: 15 Jan 2024 20:47

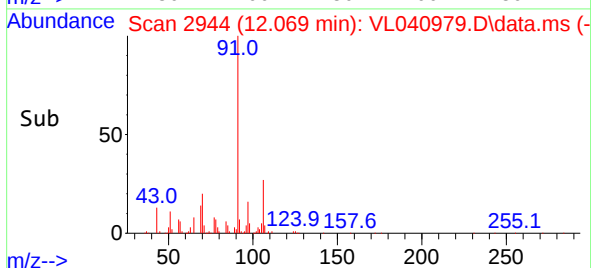
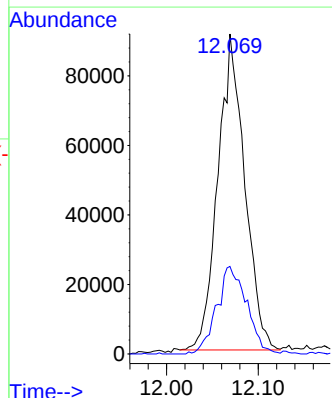
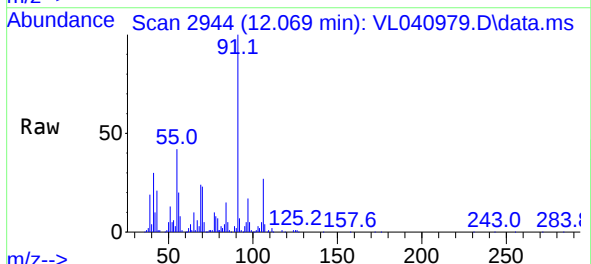
Instrument :
MSVOA_L
ClientSampleId :

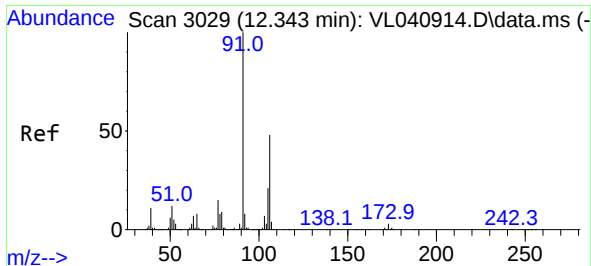
Tgt Ion:117 Resp: 2980603
Ion Ratio Lower Upper
117 100
82 63.2 49.6 74.4
119 33.0 23.4 35.0



#58
Ethyl Benzene
Concen: 0.482 ppbv
RT: 12.069 min Scan# 2944
Delta R.T. 0.013 min
Lab File: VL040979.D
Acq: 15 Jan 2024 20:47

Tgt Ion: 91 Resp: 184696
Ion Ratio Lower Upper
91 100
106 27.8 24.9 37.3

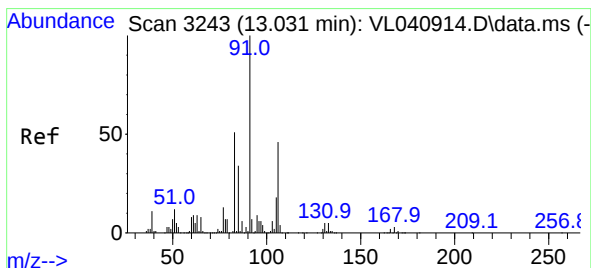
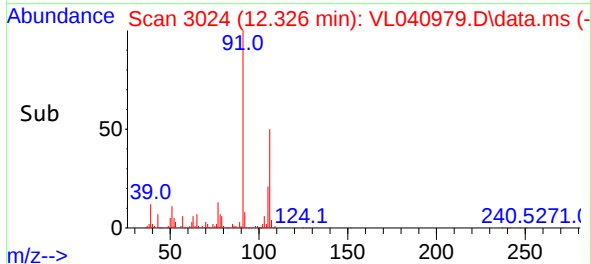
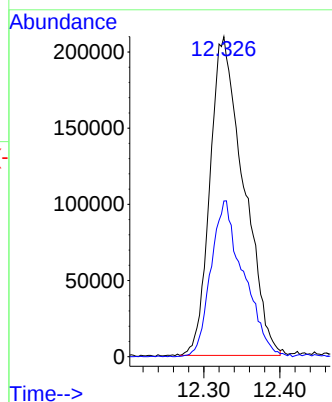
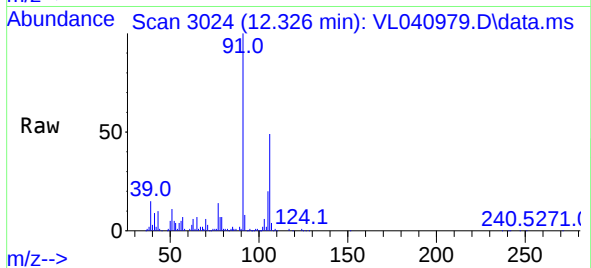




#59
m/p-Xylene
Concen: 1.976 ppbv
RT: 12.326 min Scan# 3029
Delta R.T. -0.010 min
Lab File: VL040979.D
Acq: 15 Jan 2024 20:47

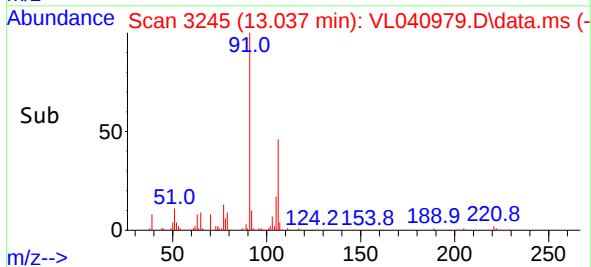
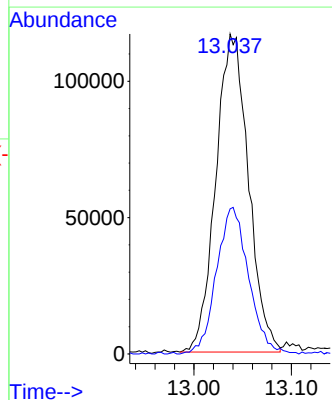
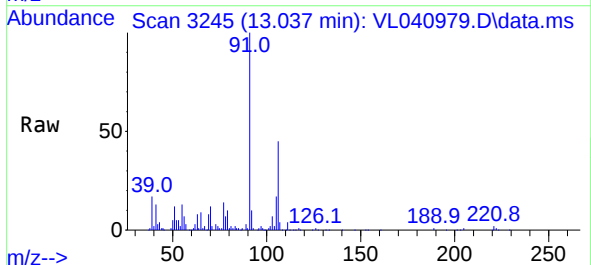
Instrument :
MSVOA_L
ClientSampleId :

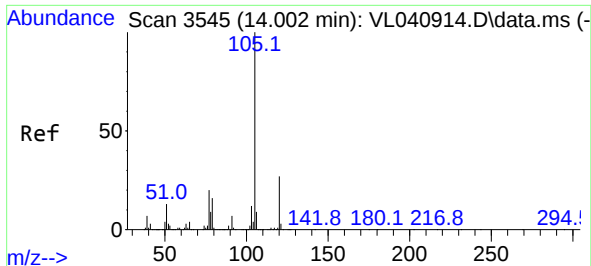
Tgt Ion: 91 Resp: 643598
Ion Ratio Lower Upper
91 100
106 47.6 0.0 0.0#



#60
o-Xylene
Concen: 0.884 ppbv
RT: 13.037 min Scan# 3245
Delta R.T. 0.013 min
Lab File: VL040979.D
Acq: 15 Jan 2024 20:47

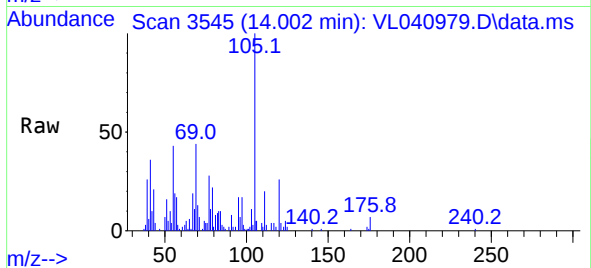
Tgt Ion: 91 Resp: 271101
Ion Ratio Lower Upper
91 100
106 45.4 22.6 67.7



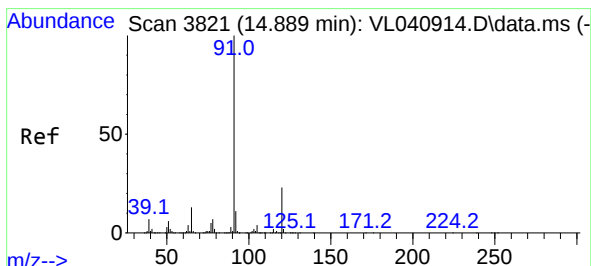
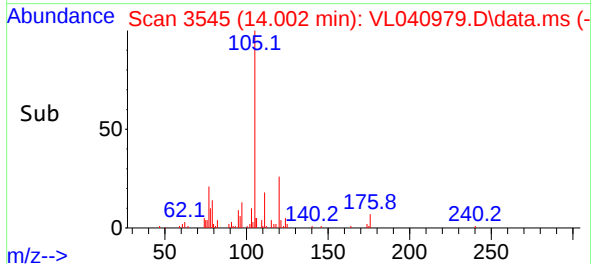
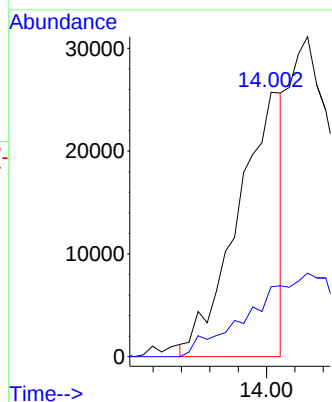


#62
Isopropylbenzene
Concen: 0.062 ppbv
RT: 14.002 min Scan# 31
Delta R.T. 0.009 min
Lab File: VL040979.D
Acq: 15 Jan 2024 20:47

Instrument :
MSVOA_L
ClientSampleId :

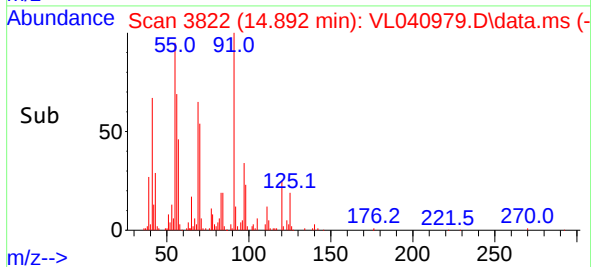
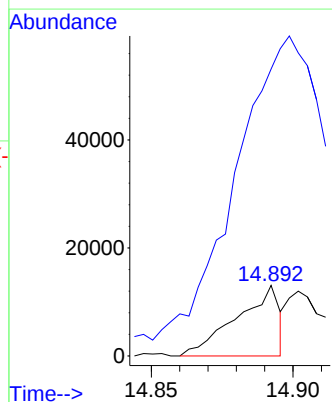
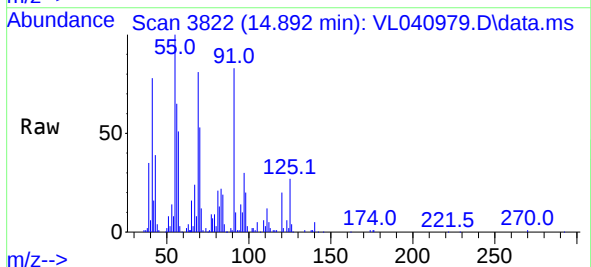


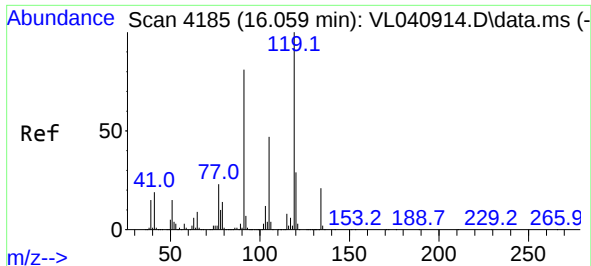
Tgt Ion:105 Resp: 28389
Ion Ratio Lower Upper
105 100
120 0.0 20.7 31.1#



#64
n-propylbenzene
Concen: 0.120 ppbv
RT: 14.892 min Scan# 3822
Delta R.T. 0.013 min
Lab File: VL040979.D
Acq: 15 Jan 2024 20:47

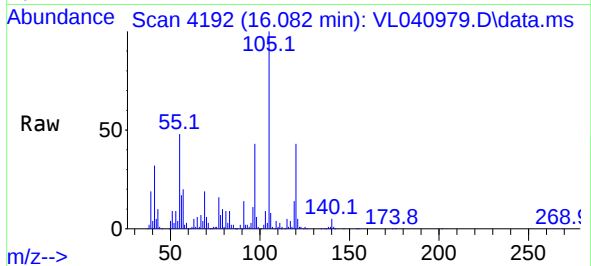
Tgt Ion:120 Resp: 13666
Ion Ratio Lower Upper
120 100
91 0.0 381.9 572.9#



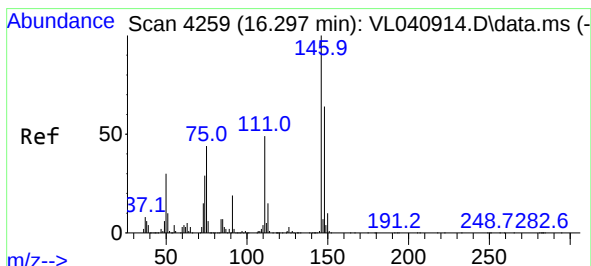
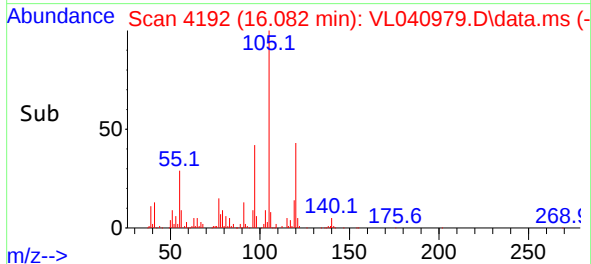
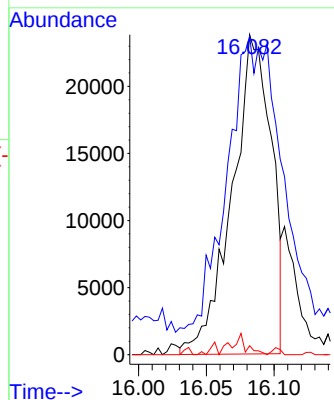


#65
tert-Butylbenzene
Concen: 0.124 ppbv
RT: 16.082 min Scan# 4185
Delta R.T. 0.029 min
Lab File: VL040979.D
Acq: 15 Jan 2024 20:47

Instrument :
MSVOA_L
ClientSampleId :

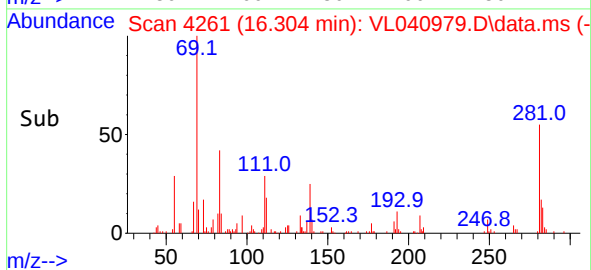
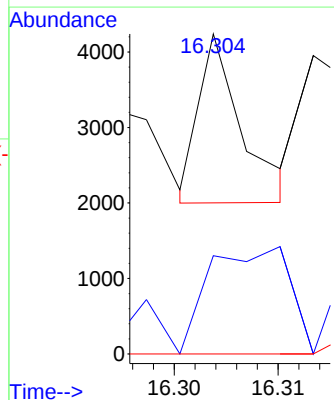
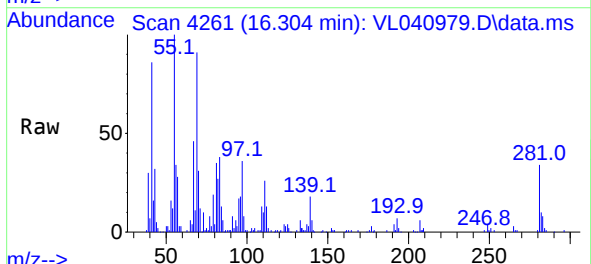


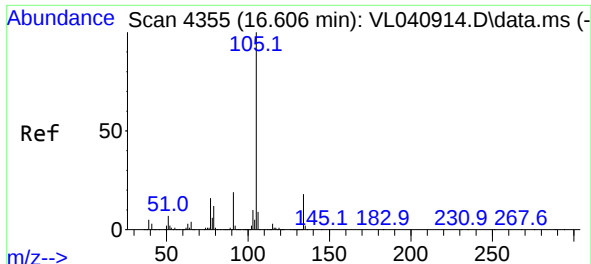
Tgt Ion:119 Resp: 47815
Ion Ratio Lower Upper
119 100
91 130.4 67.2 100.8#
134 3.9 15.8 23.6#



#66
Benzyl Chloride
Concen: 0.025 ppbv
RT: 16.304 min Scan# 4261
Delta R.T. 0.016 min
Lab File: VL040979.D
Acq: 15 Jan 2024 20:47

Tgt Ion: 91 Resp: 650
Ion Ratio Lower Upper
91 100
126 0.0 14.1 21.1#
128 0.0 4.6 6.8#

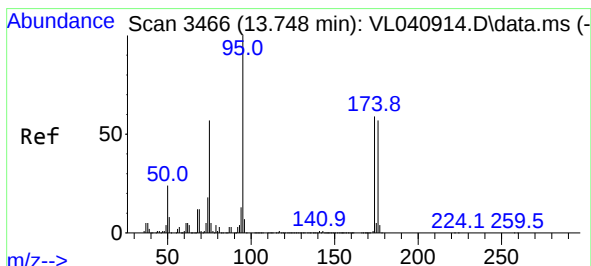
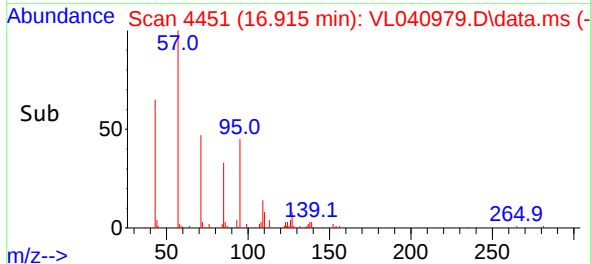
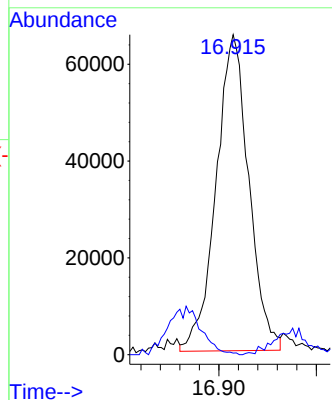
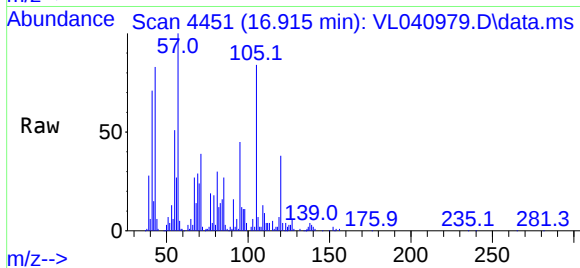




#67
 sec-Butylbenzene
 Concen: 0.271 ppbv
 RT: 16.915 min Scan# 4451
 Delta R.T. 0.315 min
 Lab File: VL040979.D
 Acq: 15 Jan 2024 20:47

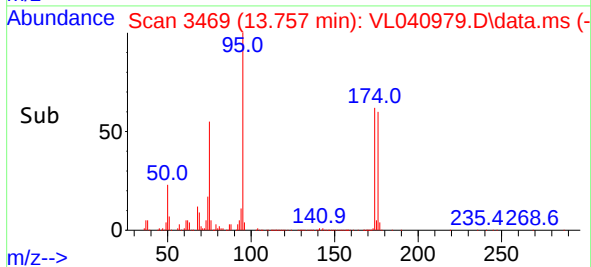
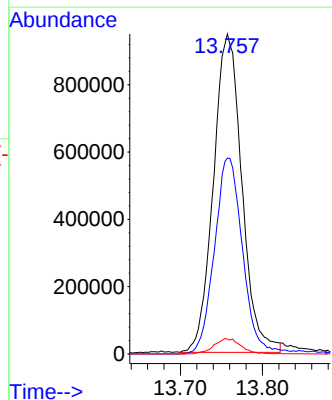
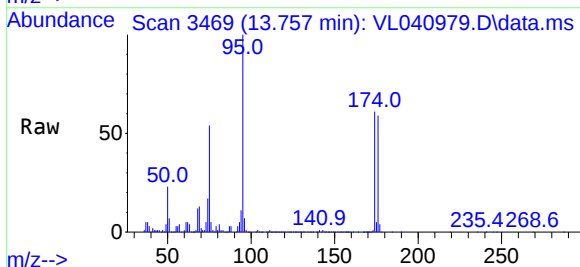
Instrument :
 MSVOA_L
 ClientSampleId :

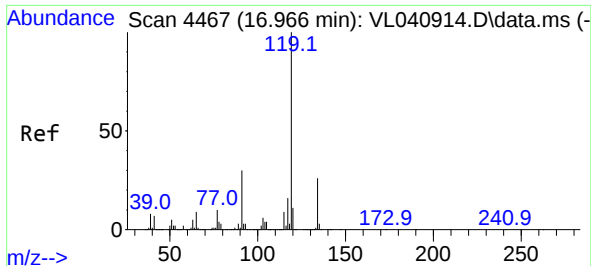
Tgt Ion:105 Resp: 152041
 Ion Ratio Lower Upper
 105 100
 134 15.8 14.4 21.6



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.415 ppbv
 RT: 13.757 min Scan# 3469
 Delta R.T. 0.019 min
 Lab File: VL040979.D
 Acq: 15 Jan 2024 20:47

Tgt Ion: 95 Resp: 2286682
 Ion Ratio Lower Upper
 95 100
 174 62.2 48.0 72.0
 175 4.6 3.7 5.5





#69

p-Isopropyltoluene

Concen: 0.063 ppbv

RT: 16.979 min Scan# 4467

Delta R.T. 0.019 min

Lab File: VL040979.D

Acq: 15 Jan 2024 20:47

Instrument :

MSVOA_L

ClientSampleId :

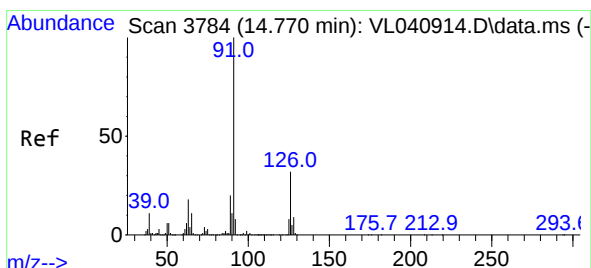
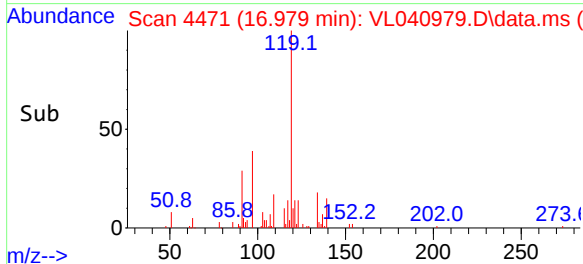
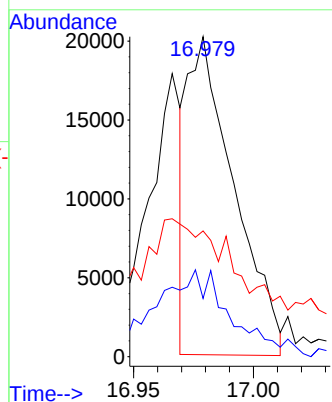
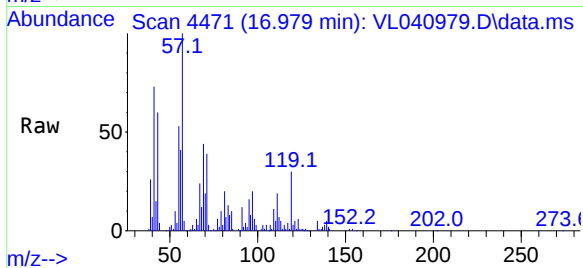
Tgt Ion:119 Resp: 27383

Ion Ratio Lower Upper

119 100

134 47.1 20.3 30.5#

91 0.0 24.1 36.1#



#71

2-Chlorotoluene

Concen: 0.134 ppbv

RT: 15.101 min Scan# 3887

Delta R.T. 0.337 min

Lab File: VL040979.D

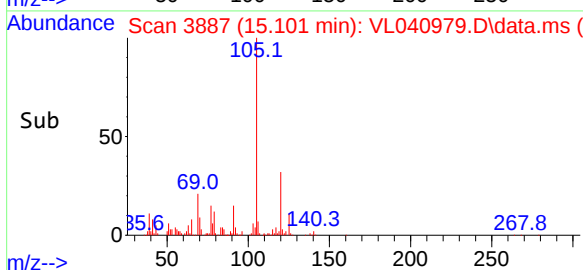
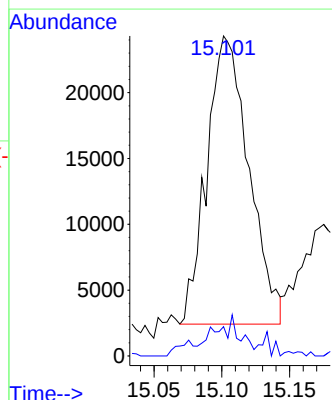
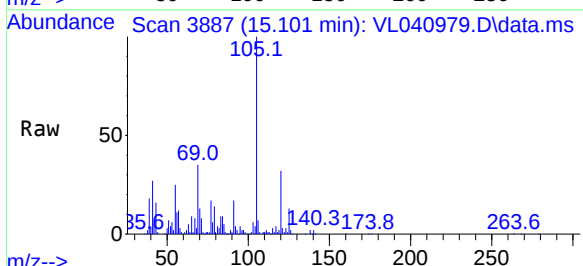
Acq: 15 Jan 2024 20:47

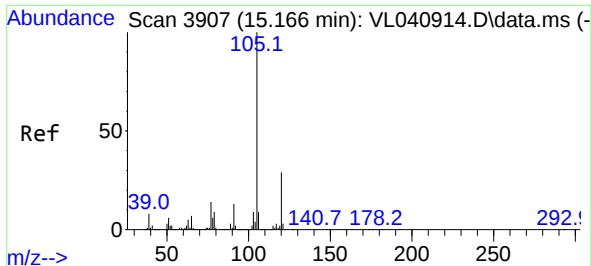
Tgt Ion: 91 Resp: 47128

Ion Ratio Lower Upper

91 100

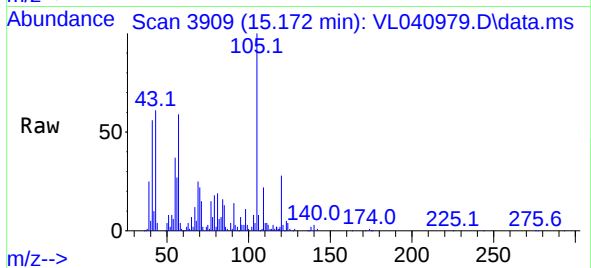
126 12.6 12.4 49.6



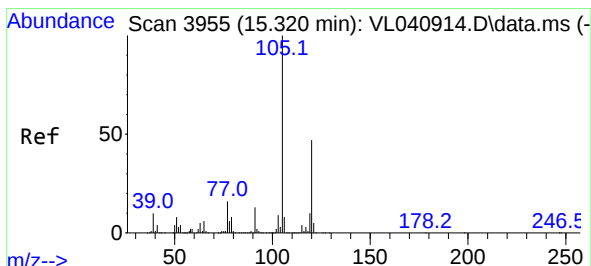
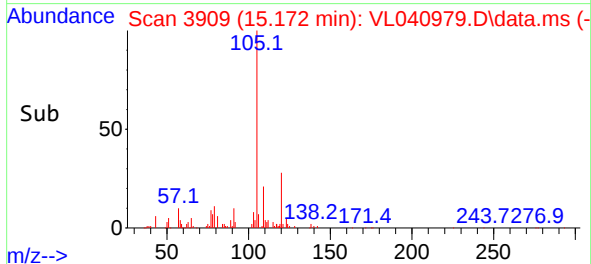
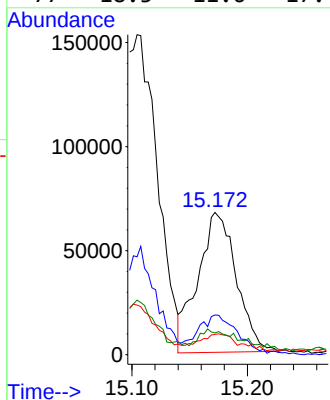


#72
4-Ethyltoluene
Concen: 0.463 ppbv
RT: 15.172 min Scan# 3909
Delta R.T. 0.016 min
Lab File: VL040979.D
Acq: 15 Jan 2024 20:47

Instrument :
MSVOA_L
ClientSampleId :

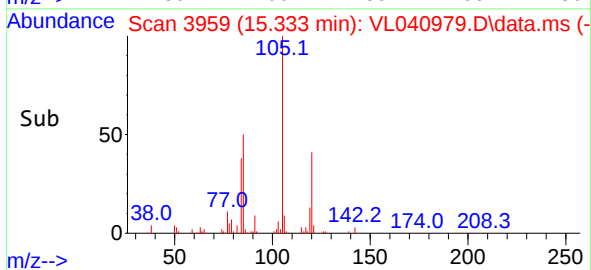
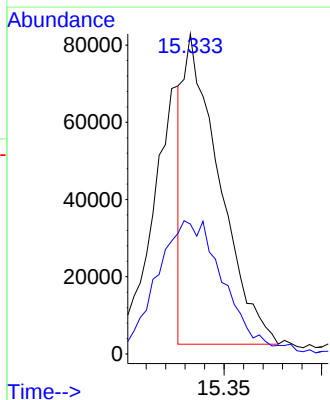
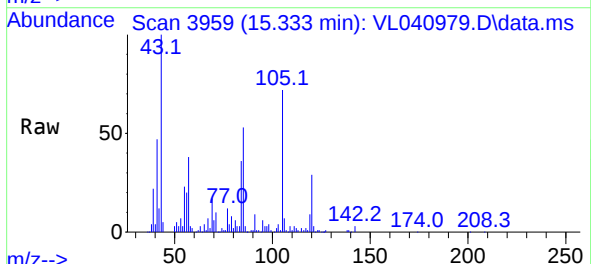


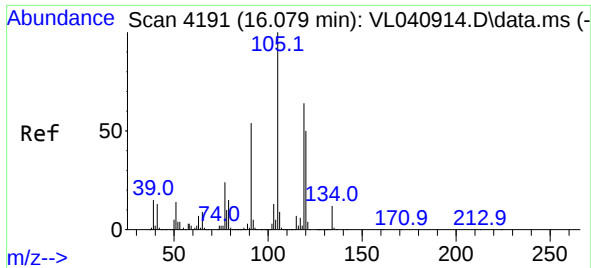
Tgt Ion:	105	Resp:	155790
Ion	Ratio	Lower	Upper
105	100		
120	29.6	23.8	35.8
91	12.2	10.9	16.3
77	18.3	11.6	17.4



#73
1,3,5-Trimethylbenzene
Concen: 0.356 ppbv
RT: 15.333 min Scan# 3959
Delta R.T. 0.016 min
Lab File: VL040979.D
Acq: 15 Jan 2024 20:47

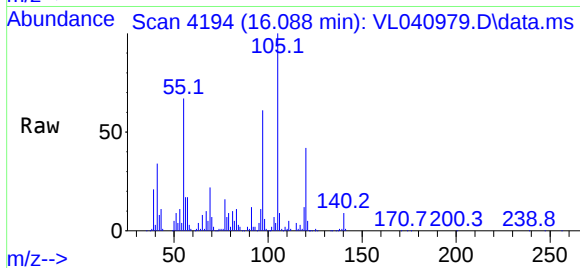
Tgt Ion:	105	Resp:	103581
Ion	Ratio	Lower	Upper
105	100		
120	39.1	37.8	56.8





#74
 1,2,4-Trimethylbenzene
 Concen: 1.385 ppbv
 RT: 16.088 min Scan# 4194
 Delta R.T. 0.016 min
 Lab File: VL040979.D
 Acq: 15 Jan 2024 20:47

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion:	105	Resp:	447881
Ion	Ratio	Lower	Upper
105	100		
120	42.2	40.2	60.4
91	11.3	43.0	64.6#
77	15.0	18.9	28.3#

