

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011524\
 Data File : VL040971.D
 Acq On : 15 Jan 2024 15:34
 Operator : SY/MD
 Sample : P1138-03DUP
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jan 16 03:36:48 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	5.192	49	1157774	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	6.645	114	2841630	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.449	117	2410139	10.000	ppbv	0.00

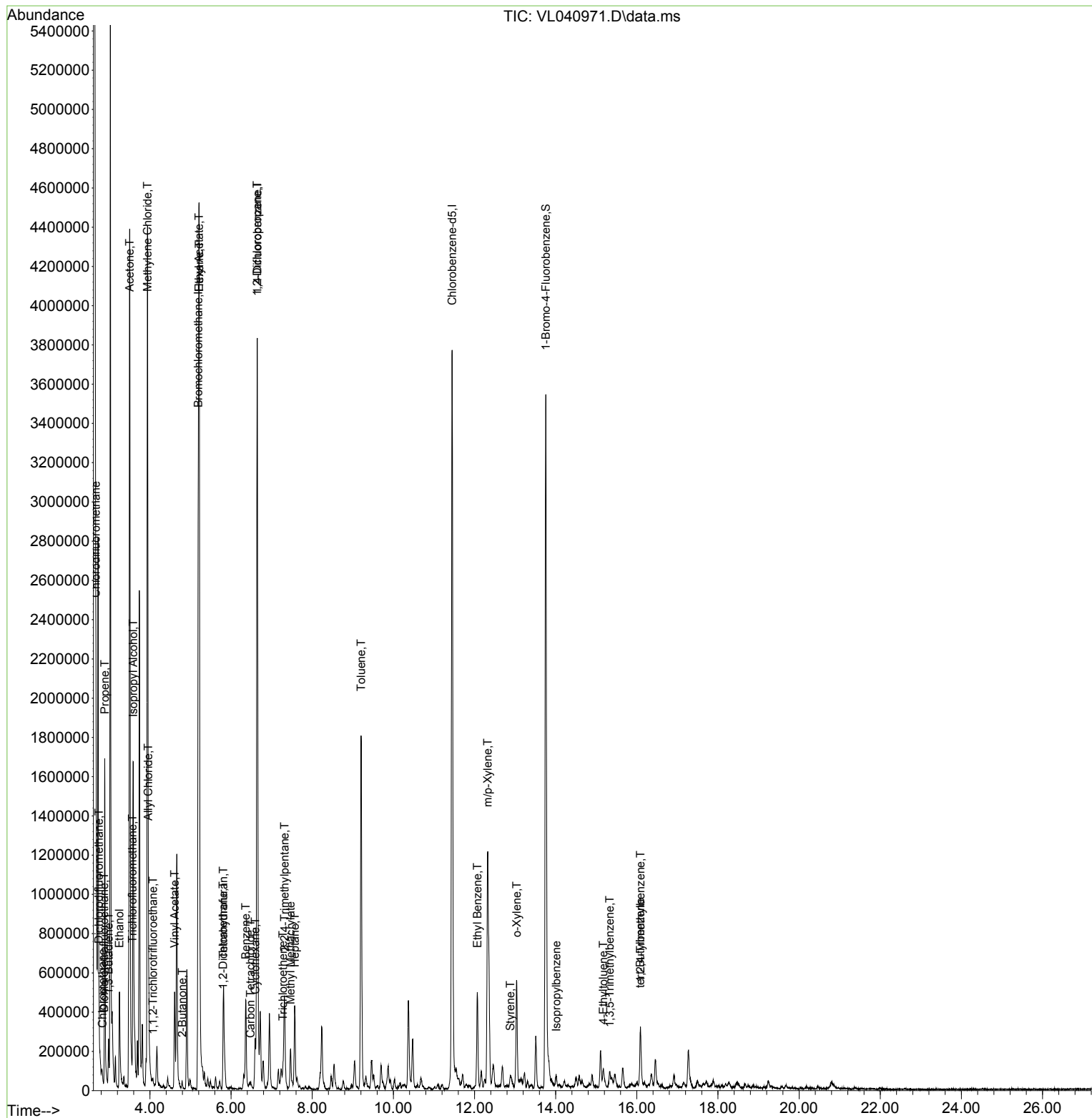
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.757	95	1777142	10.011	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.100%

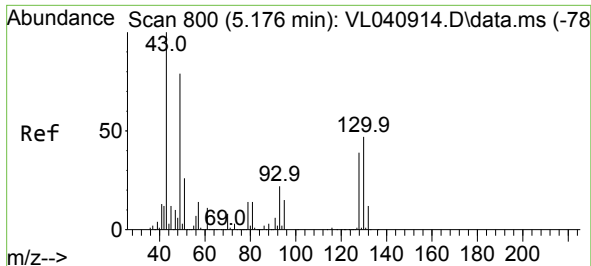
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.745	85	115279	0.523	ppbv	99
3) Chlorodifluoromethane	2.668	51	95411	0.548	ppbv #	77
4) Chloromethane	2.829	50	34948	0.544	ppbv	93
8) Dichlorotetrafluoroethane	2.870	85	3329	0.021	ppbv	90
9) Propene	2.887	41	460082	8.003	ppbv	93
10) Heptane	7.571	43	169759	1.188	ppbv	97
11) Trichlorofluoromethane	3.571	101	42863	0.249	ppbv	84
12) 1,1,2-Trichlorotrifluoro...	4.076	101	6609	0.049	ppbv #	59
13) Ethanol	3.247	45	515703	35.559	ppbv	98
15) Acetone	3.501	43	2012200	14.491	ppbv #	70
16) 1,3-Butadiene	2.980	39	67985	1.137	ppbv #	59
19) Isopropyl Alcohol	3.587	45	1785363	24.641	ppbv	99
20) Methylene Chloride	3.941	84	1456280	29.423	ppbv	96
21) Allyl Chloride	3.960	41	62963	0.767	ppbv #	54
23) Vinyl Acetate	4.610	43	157033	1.025	ppbv #	1
25) Ethyl Acetate	5.211	43	1195430	4.969	ppbv #	78
26) Hexane	5.214	57	1598004	14.986	ppbv #	41
30) Cyclohexane	6.597	84	82034	0.923	ppbv	93
34) 2-Butanone	4.796	43	32092	0.213	ppbv #	90
35) Carbon Tetrachloride	6.481	117	5751	0.032	ppbv #	96
36) Benzene	6.359	78	346956	1.562	ppbv	95
37) 1,2-Dichloroethane	5.800	62	3007	0.023	ppbv #	92
38) Trichloroethene	7.279	130	20828	0.250	ppbv	89
39) 1,2-Dichloropropane	6.642	63	712928	8.167	ppbv #	24
41) Tetrahydrofuran	5.806	42	38063	0.416	ppbv #	38
43) Methyl Methacrylate	7.465	69	75547	0.867	ppbv	84
44) 2,2,4-Trimethylpentane	7.317	57	362249	0.960	ppbv #	79
53) Toluene	9.205	91	1317856	5.350	ppbv	100
58) Ethyl Benzene	12.069	91	425891	1.376	ppbv	96
59) m/p-Xylene	12.327	91	1294508	4.916	ppbv #	100
60) o-Xylene	13.040	91	422330	1.702	ppbv	98
61) Styrene	12.886	104	5027	0.043	ppbv #	27
62) Isopropylbenzene	14.018	105	15169	0.041	ppbv #	49
65) tert-Butylbenzene	16.082	119	12573	0.040	ppbv #	17
72) 4-Ethyltoluene	15.172	105	67019	0.246	ppbv #	86
73) 1,3,5-Trimethylbenzene	15.333	105	50793	0.216	ppbv #	84
74) 1,2,4-Trimethylbenzene	16.089	105	220100	0.842	ppbv #	65

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

Instrument :
MSVOA_L
ClientSampleId :

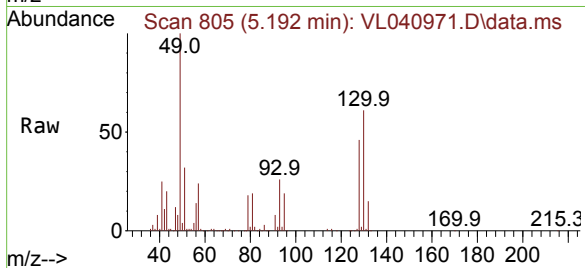
Quant Time: Jan 16 03:36:48 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL122023AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Tue Jan 16 03:31:29 2024
Response via : Initial Calibration



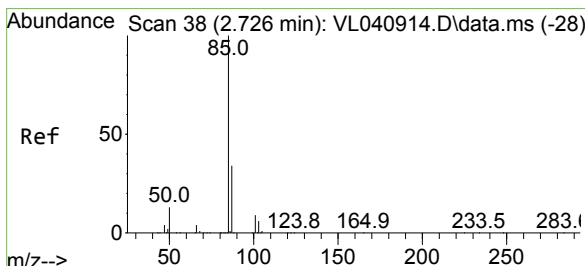
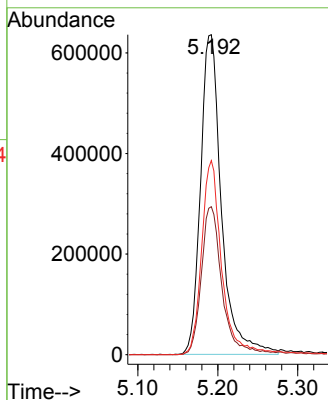
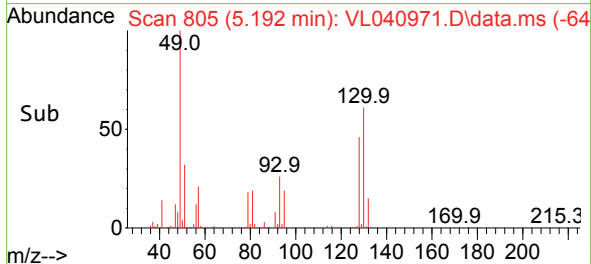


#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.192 min Scan# 80
 Delta R.T. 0.016 min
 Lab File: VL040971.D
 Acq: 15 Jan 2024 15:34

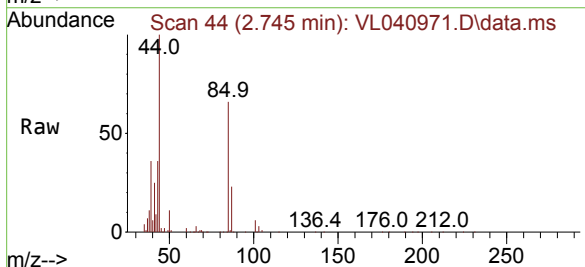
Instrument :
 MSVOA_L
 ClientSampleId :



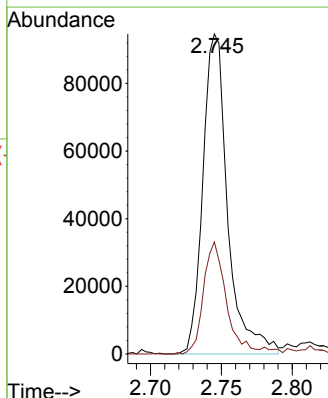
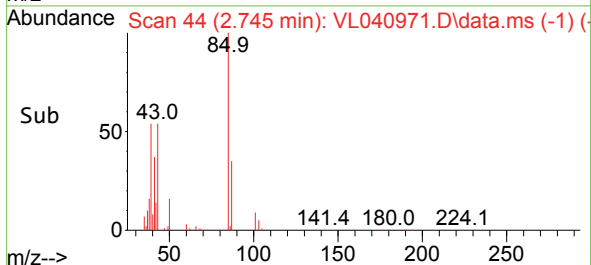
Tgt Ion: 49 Resp: 1157774
 Ion Ratio Lower Upper
 49 100
 128 46.9 23.8 71.2
 130 59.6 30.1 90.5

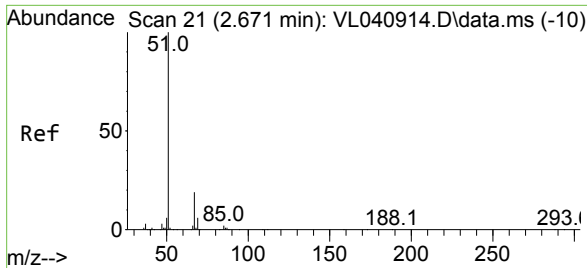


#2
 Dichlorodifluoromethane
 Concen: 0.523 ppbv
 RT: 2.745 min Scan# 44
 Delta R.T. 0.023 min
 Lab File: VL040971.D
 Acq: 15 Jan 2024 15:34



Tgt Ion: 85 Resp: 115279
 Ion Ratio Lower Upper
 85 100
 87 34.5 27.0 40.6

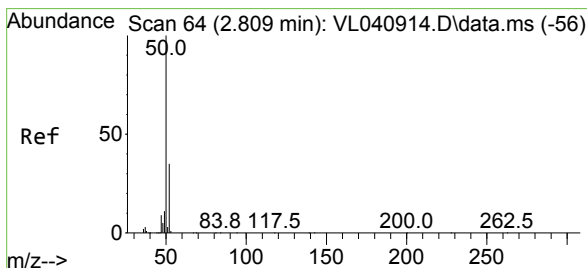
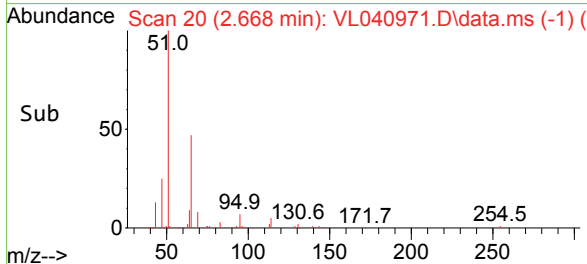
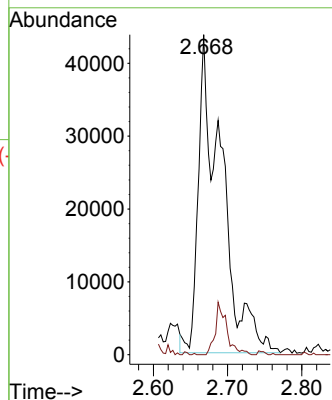
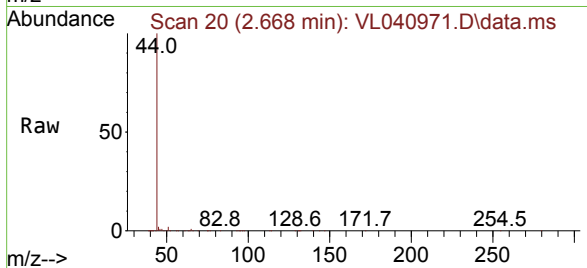




#3
Chlorodifluoromethane
Concen: 0.548 ppbv
RT: 2.668 min Scan# 20
Delta R.T. 0.000 min
Lab File: VL040971.D
Acq: 15 Jan 2024 15:34

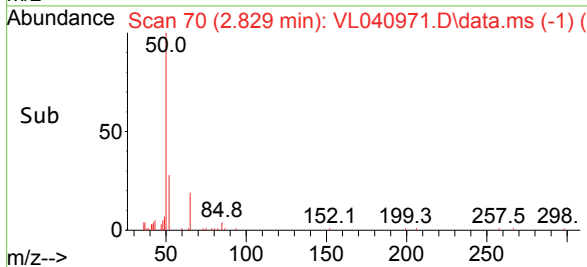
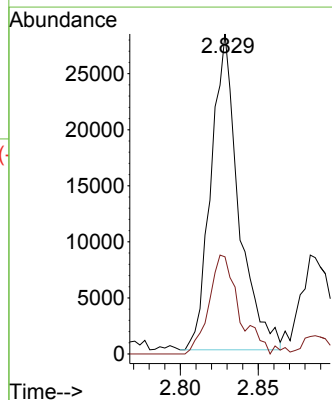
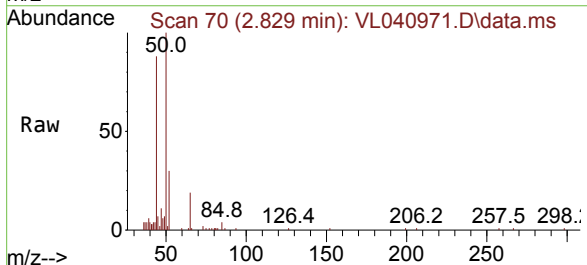
Instrument :
MSVOA_L
ClientSampleId :

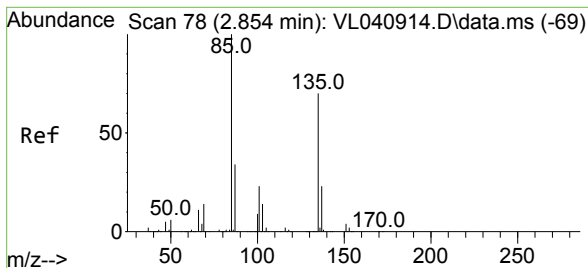
Tgt Ion: 51 Resp: 95411
Ion Ratio Lower Upper
51 100
67 8.1 14.7 22.1#



#4
Chloromethane
Concen: 0.544 ppbv
RT: 2.829 min Scan# 70
Delta R.T. 0.023 min
Lab File: VL040971.D
Acq: 15 Jan 2024 15:34

Tgt Ion: 50 Resp: 34948
Ion Ratio Lower Upper
50 100
52 31.0 28.0 42.0

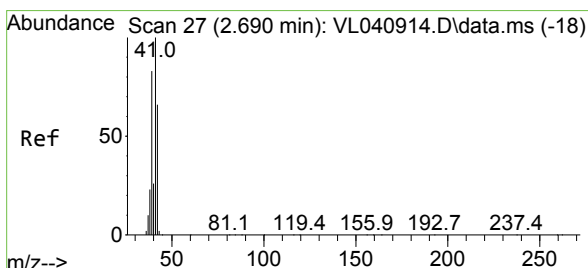
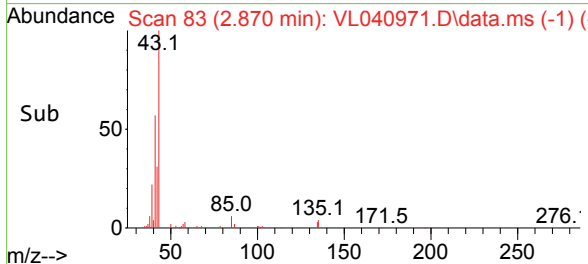
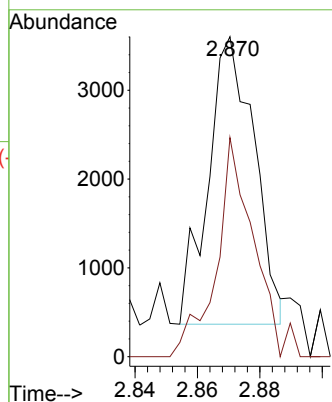
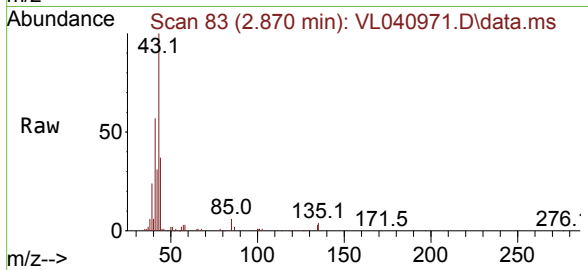




#8
 Dichlorotetrafluoroethane
 Concen: 0.021 ppbv
 RT: 2.870 min Scan# 81
 Delta R.T. 0.023 min
 Lab File: VL040971.D
 Acq: 15 Jan 2024 15:34

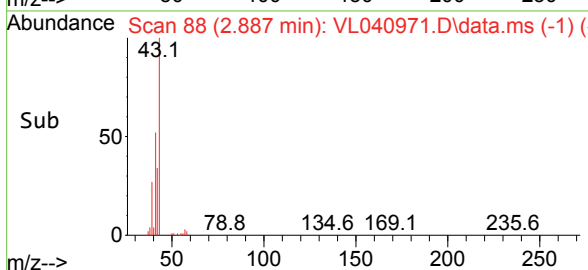
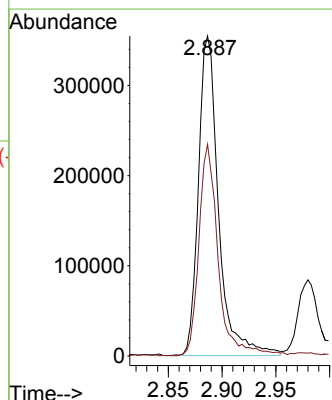
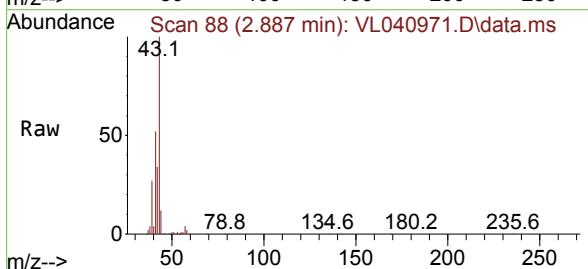
Instrument :
 MSVOA_L
 ClientSampleId :

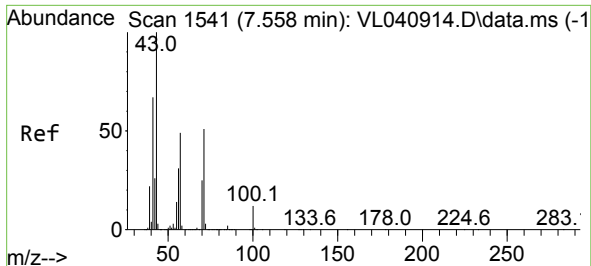
Tgt Ion: 85 Resp: 3329
 Ion Ratio Lower Upper
 85 100
 135 61.9 55.8 83.8



#9
 Propene
 Concen: 8.003 ppbv
 RT: 2.887 min Scan# 88
 Delta R.T. 0.199 min
 Lab File: VL040971.D
 Acq: 15 Jan 2024 15:34

Tgt Ion: 41 Resp: 460082
 Ion Ratio Lower Upper
 41 100
 42 64.1 55.8 83.6

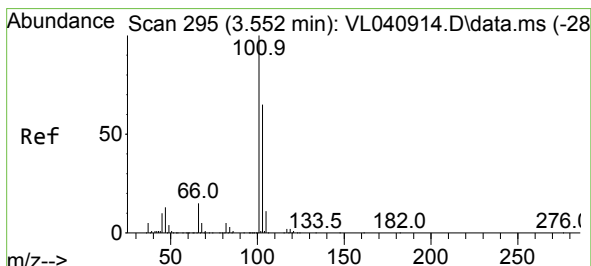
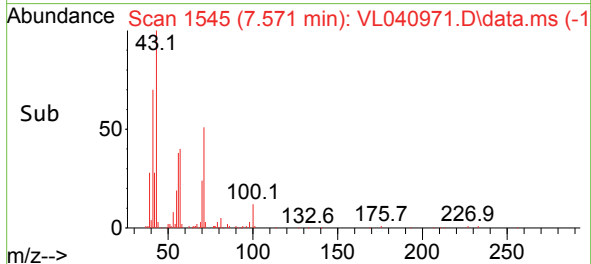
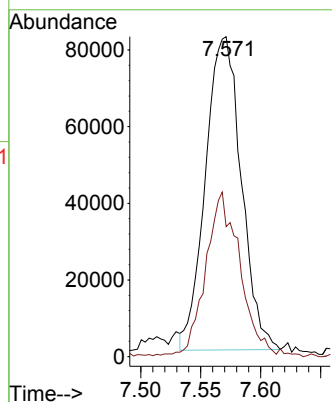
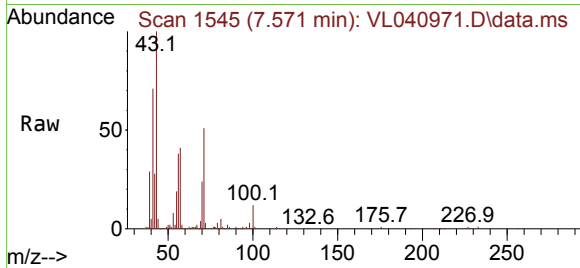




#10
 Heptane
 Concen: 1.188 ppbv
 RT: 7.571 min Scan# 11
 Delta R.T. 0.013 min
 Lab File: VL040971.D
 Acq: 15 Jan 2024 15:34

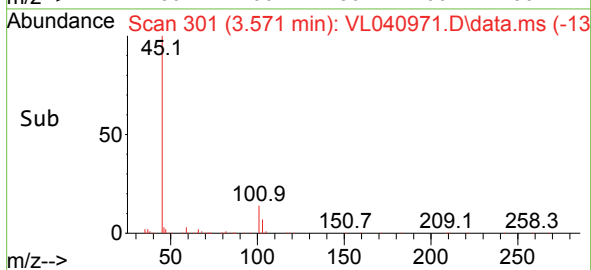
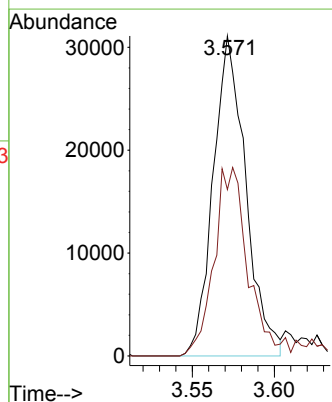
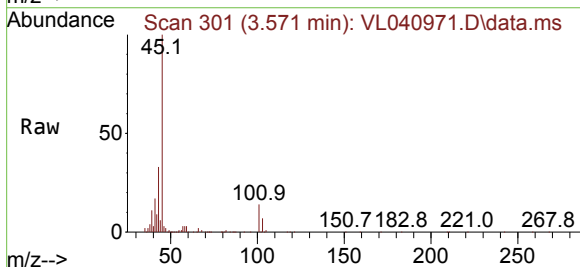
Instrument :
 MSVOA_L
 ClientSampleId :

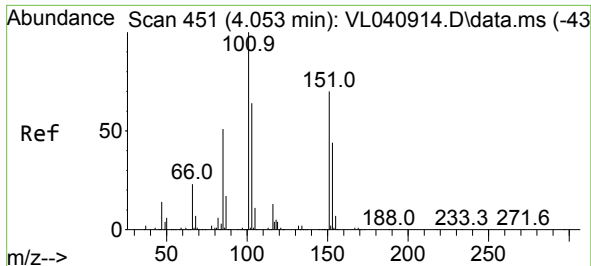
Tgt Ion: 43 Resp: 169759
 Ion Ratio Lower Upper
 43 100
 57 51.4 39.3 58.9



#11
 Trichlorofluoromethane
 Concen: 0.249 ppbv
 RT: 3.571 min Scan# 301
 Delta R.T. 0.019 min
 Lab File: VL040971.D
 Acq: 15 Jan 2024 15:34

Tgt Ion: 101 Resp: 42863
 Ion Ratio Lower Upper
 101 100
 103 52.0 51.9 77.9

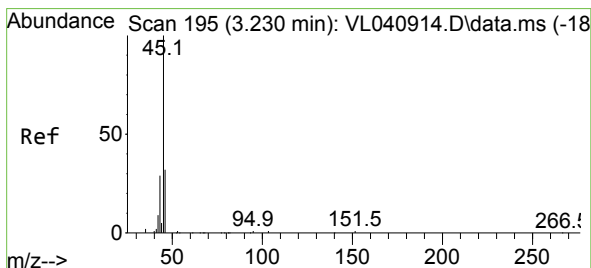
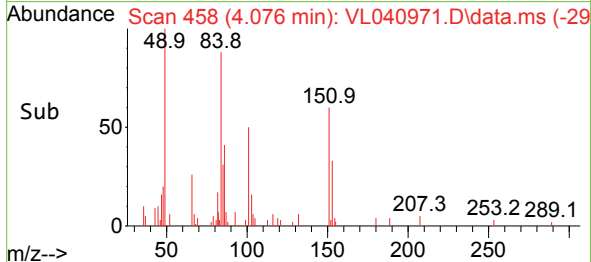
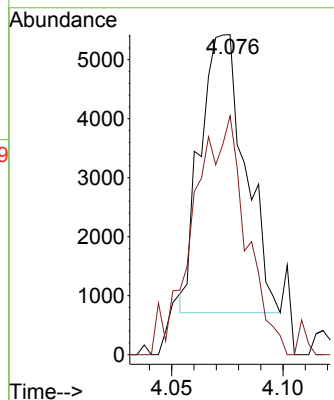
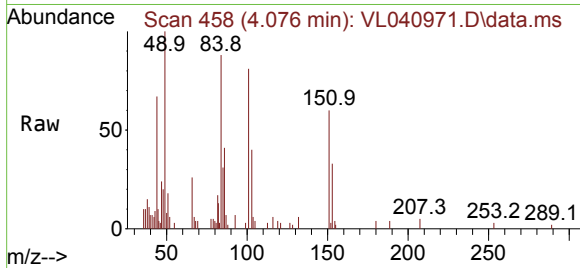




#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.049 ppbv
 RT: 4.076 min Scan# 41
 Delta R.T. 0.023 min
 Lab File: VL040971.D
 Acq: 15 Jan 2024 15:34

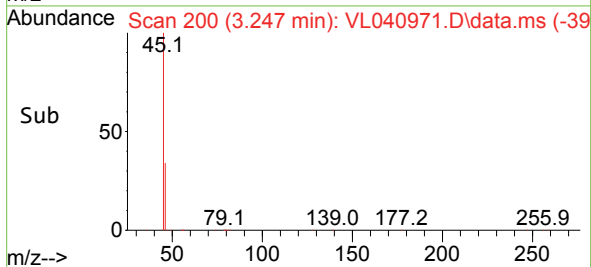
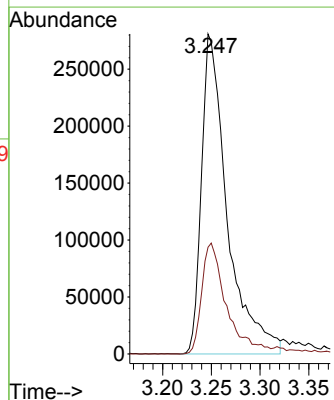
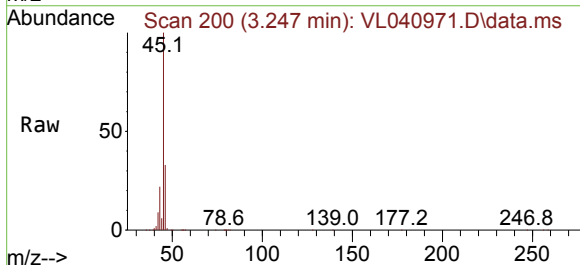
Instrument :
 MSVOA_L
 ClientSampleId :

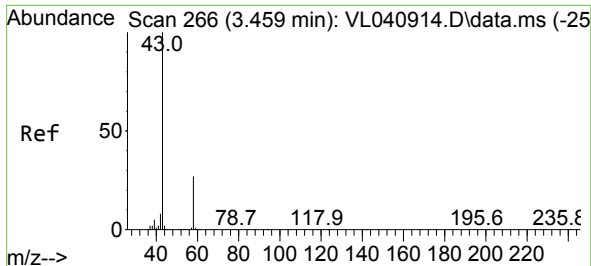
Tgt Ion:101 Resp: 6609
 Ion Ratio Lower Upper
 101 100
 151 103.5 55.8 83.8#



#13
 Ethanol
 Concen: 35.559 ppbv
 RT: 3.247 min Scan# 200
 Delta R.T. 0.016 min
 Lab File: VL040971.D
 Acq: 15 Jan 2024 15:34

Tgt Ion: 45 Resp: 515703
 Ion Ratio Lower Upper
 45 100
 46 36.0 15.0 60.0

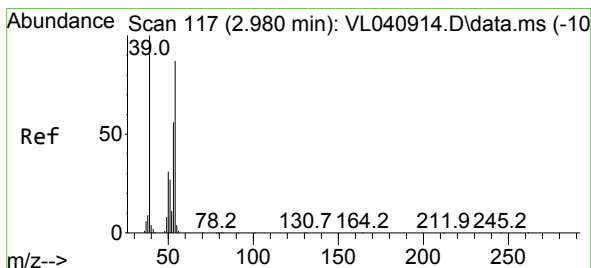
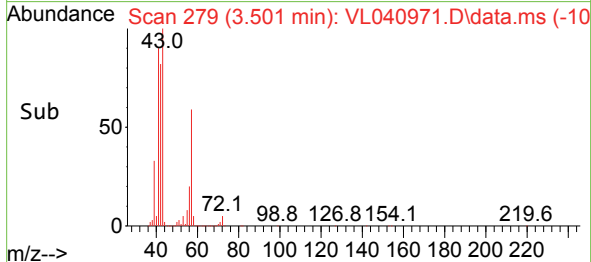
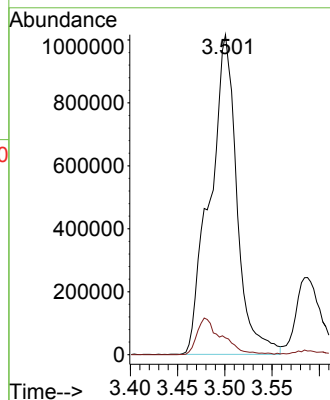
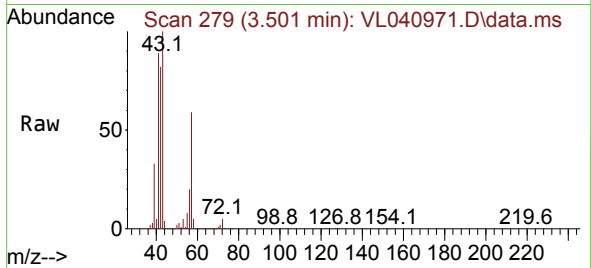




#15
Acetone
Concen: 14.491 ppbv
RT: 3.501 min Scan# 21
Delta R.T. 0.045 min
Lab File: VL040971.D
Acq: 15 Jan 2024 15:34

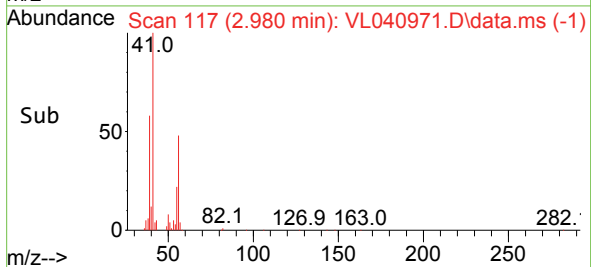
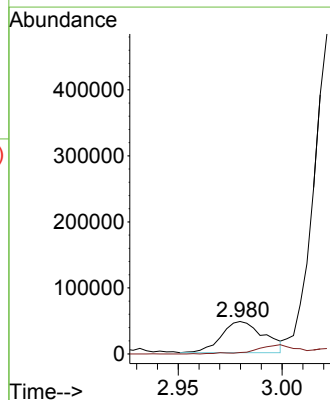
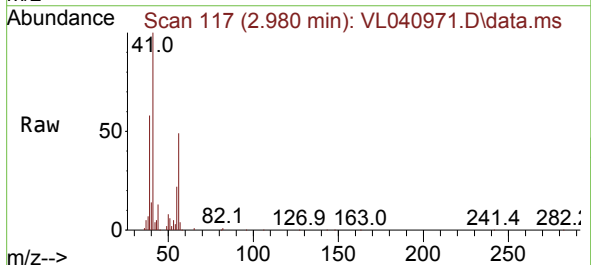
Instrument :
MSVOA_L
ClientSampleId :

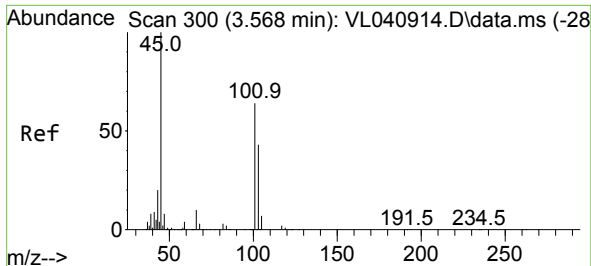
Tgt Ion: 43 Resp: 2012200
Ion Ratio Lower Upper
43 100
58 10.7 20.6 30.8#



#16
1,3-Butadiene
Concen: 1.137 ppbv
RT: 2.980 min Scan# 117
Delta R.T. 0.003 min
Lab File: VL040971.D
Acq: 15 Jan 2024 15:34

Tgt Ion: 39 Resp: 67985
Ion Ratio Lower Upper
39 100
54 43.9 63.8 95.6#

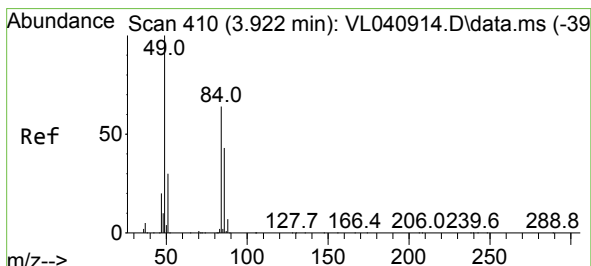
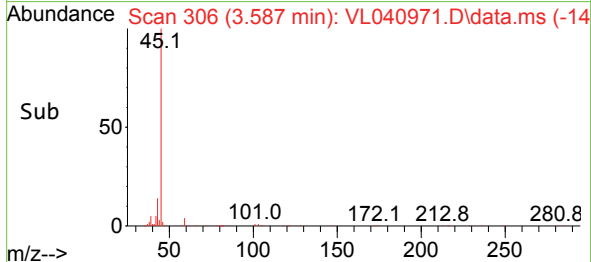
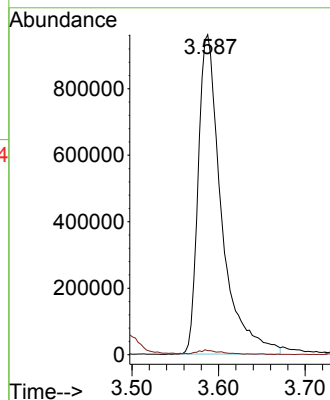
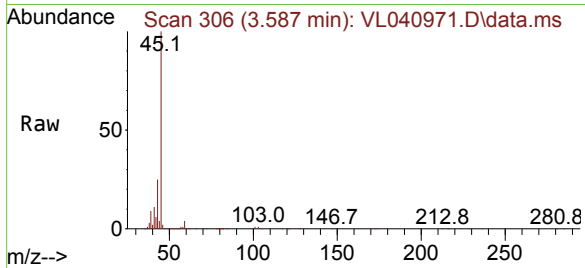




#19
Isopropyl Alcohol
Concen: 24.641 ppbv
RT: 3.587 min Scan# 306
Delta R.T. 0.023 min
Lab File: VL040971.D
Acq: 15 Jan 2024 15:34

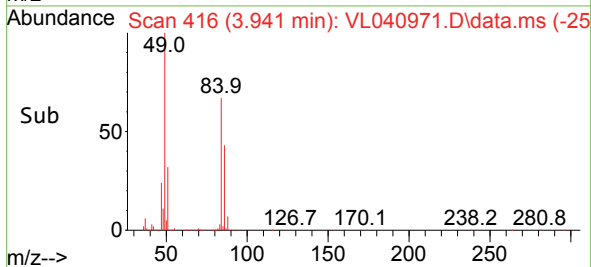
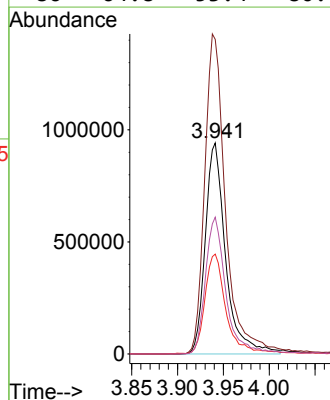
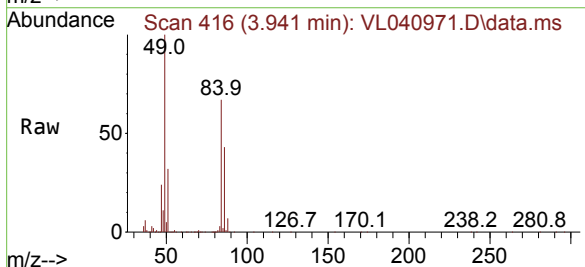
Instrument :
MSVOA_L
ClientSampleId :

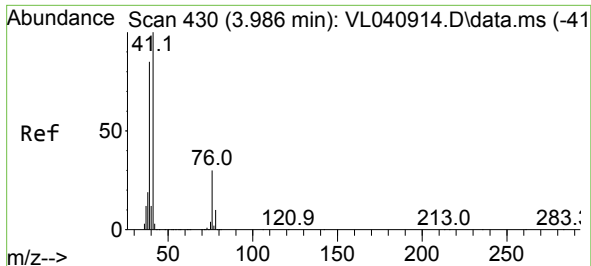
Tgt Ion: 45 Resp: 1785363
Ion Ratio Lower Upper
45 100
58 1.6 1.5 2.3



#20
Methylene Chloride
Concen: 29.423 ppbv
RT: 3.941 min Scan# 416
Delta R.T. 0.023 min
Lab File: VL040971.D
Acq: 15 Jan 2024 15:34

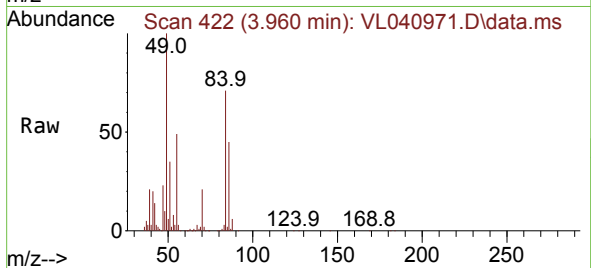
Tgt Ion: 84 Resp: 1456280
Ion Ratio Lower Upper
84 100
49 149.0 124.6 187.0
51 47.0 37.2 55.8
86 64.8 53.4 80.0



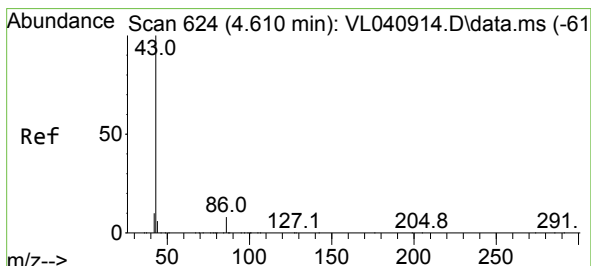
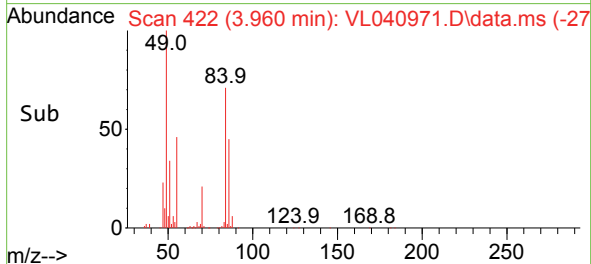
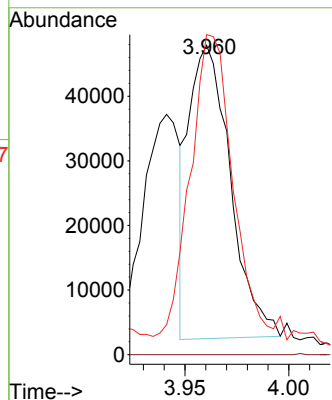


#21
 Allyl Chloride
 Concen: 0.767 ppbv
 RT: 3.960 min Scan# 41
 Delta R.T. -0.022 min
 Lab File: VL040971.D
 Acq: 15 Jan 2024 15:34

Instrument :
 MSVOA_L
 ClientSampleId :

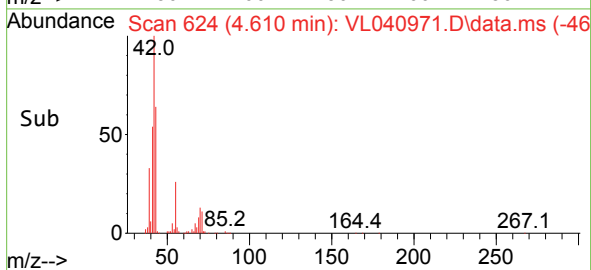
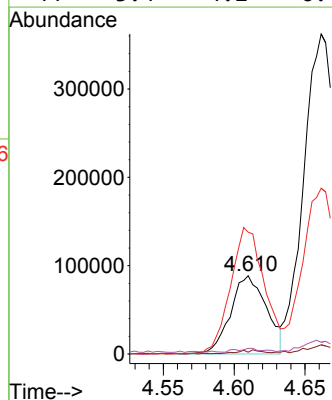
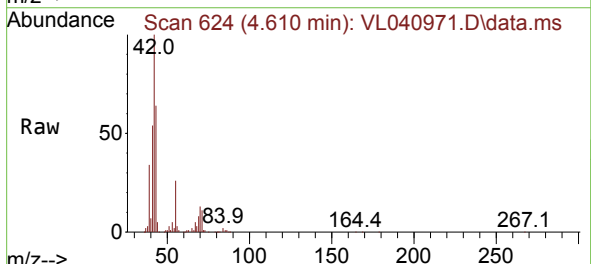


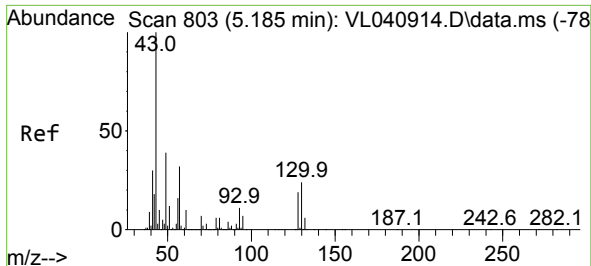
Tgt Ion: 41 Resp: 62963
 Ion Ratio Lower Upper
 41 100
 76 0.2 23.9 35.9#
 39 121.1 66.5 99.7#



#23
 Vinyl Acetate
 Concen: 1.025 ppbv
 RT: 4.610 min Scan# 624
 Delta R.T. 0.000 min
 Lab File: VL040971.D
 Acq: 15 Jan 2024 15:34

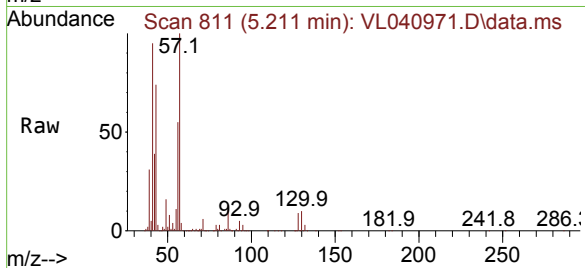
Tgt Ion: 43 Resp: 157033
 Ion Ratio Lower Upper
 43 100
 86 1.8 5.5 8.3#
 42 154.7 8.4 12.6#
 44 3.4 4.2 6.4#



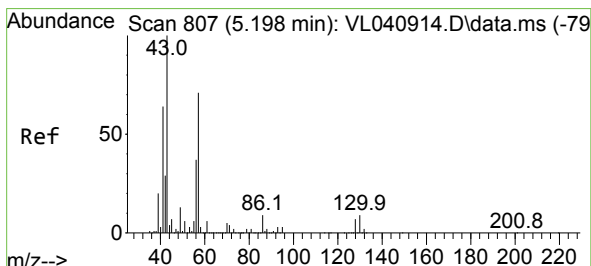
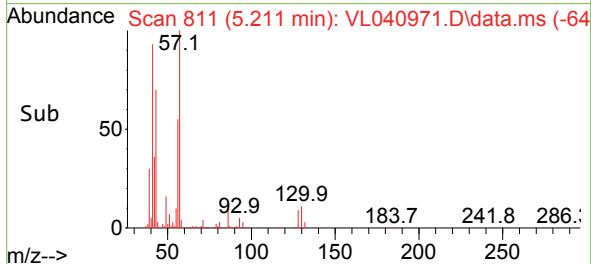
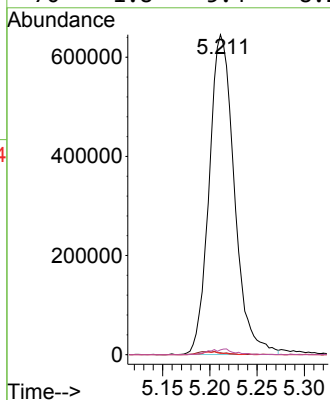


#25
Ethyl Acetate
Concen: 4.969 ppbv
RT: 5.211 min Scan# 811
Delta R.T. 0.023 min
Lab File: VL040971.D
Acq: 15 Jan 2024 15:34

Instrument :
MSVOA_L
ClientSampleId :

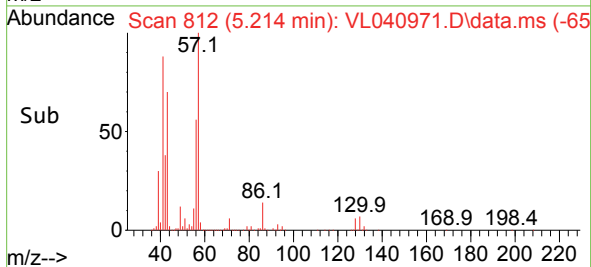
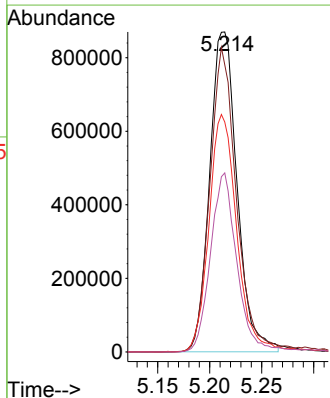
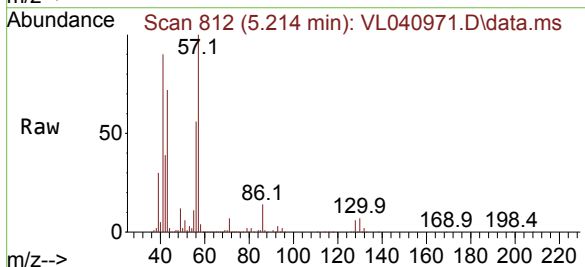


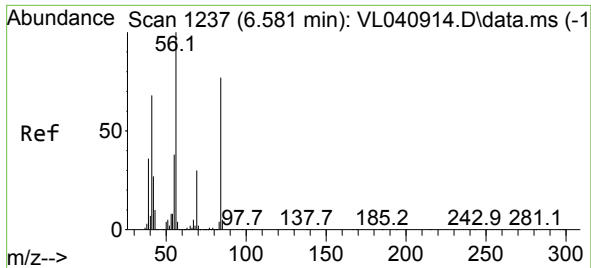
Tgt Ion: 43 Resp: 1195430
Ion Ratio Lower Upper
43 100
45 1.2 8.2 12.2#
61 0.8 7.6 11.4#
70 1.8 5.4 8.2#



#26
Hexane
Concen: 14.986 ppbv
RT: 5.214 min Scan# 812
Delta R.T. 0.019 min
Lab File: VL040971.D
Acq: 15 Jan 2024 15:34

Tgt Ion: 57 Resp: 1598004
Ion Ratio Lower Upper
57 100
41 94.1 75.2 112.8
43 76.1 188.0 282.0#
56 54.7 42.3 63.5

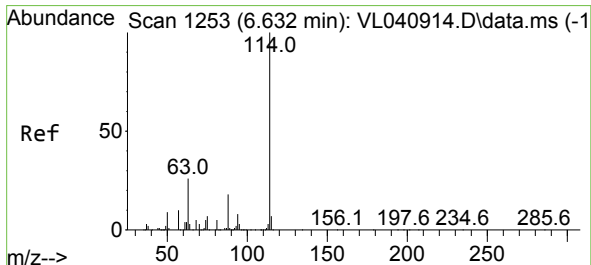
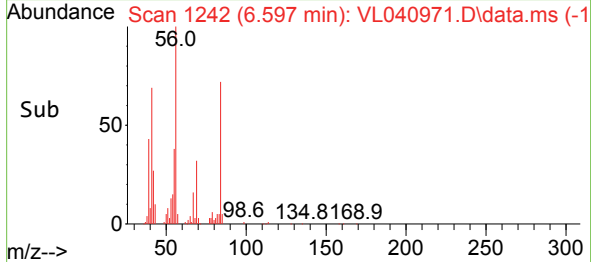
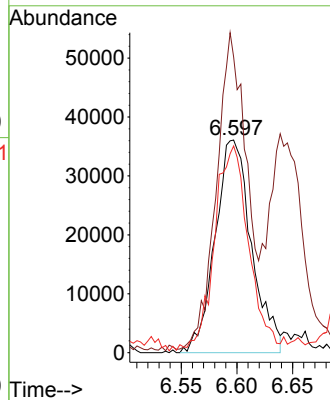
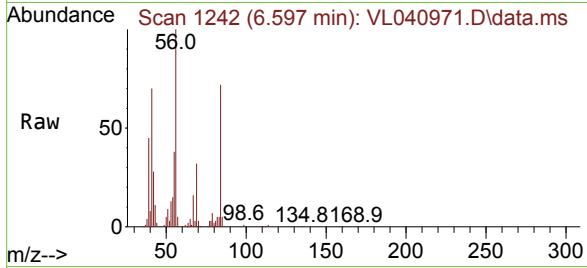




#30
Cyclohexane
Concen: 0.923 ppbv
RT: 6.597 min Scan# 1242
Delta R.T. 0.013 min
Lab File: VL040971.D
Acq: 15 Jan 2024 15:34

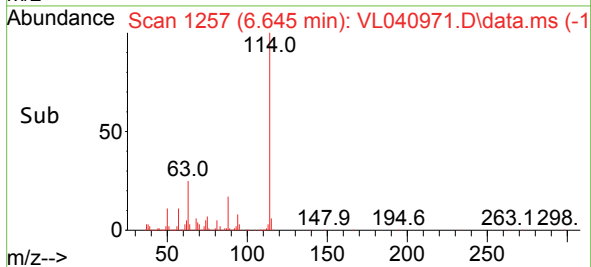
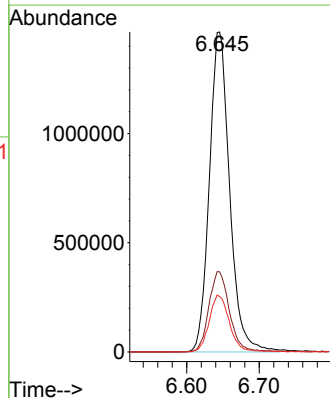
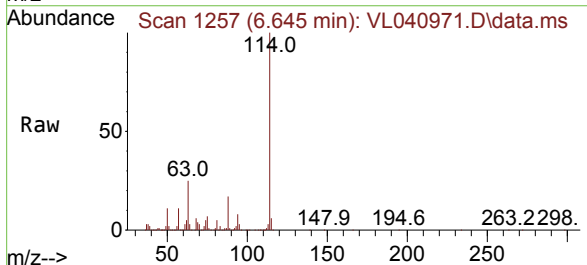
Instrument :
MSVOA_L
ClientSampleId :

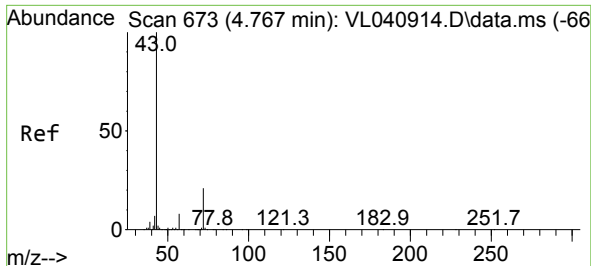
Tgt Ion: 84 Resp: 82034
Ion Ratio Lower Upper
84 100
56 128.9 111.4 167.2
41 92.0 70.0 105.0



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.645 min Scan# 1257
Delta R.T. 0.010 min
Lab File: VL040971.D
Acq: 15 Jan 2024 15:34

Tgt Ion: 114 Resp: 2841630
Ion Ratio Lower Upper
114 100
63 25.8 21.0 31.6
88 17.9 14.3 21.5

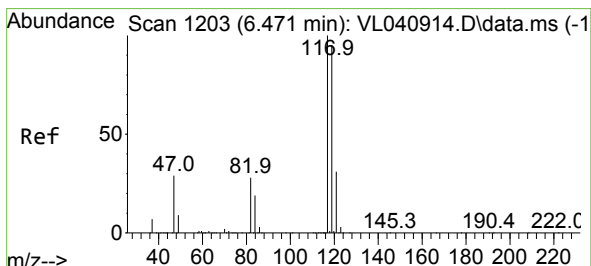
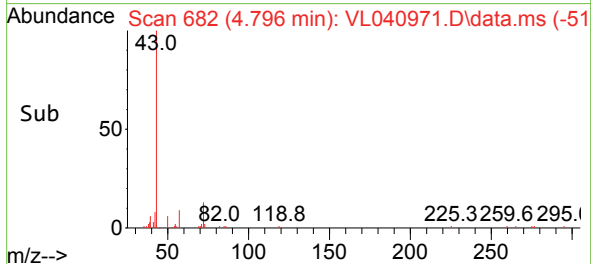
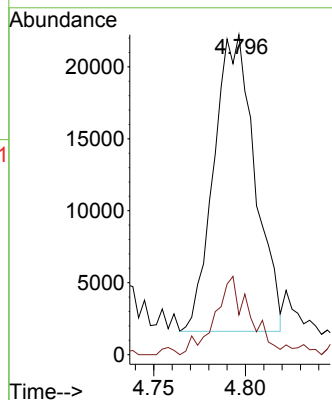
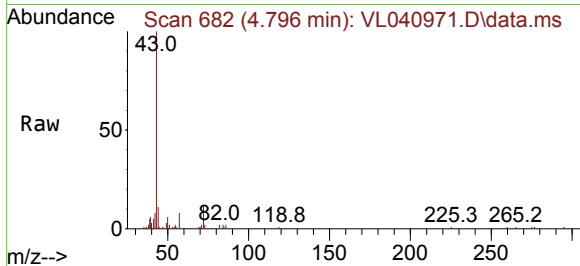




#34
2-Butanone
Concen: 0.213 ppbv
RT: 4.796 min Scan# 61
Delta R.T. 0.026 min
Lab File: VL040971.D
Acq: 15 Jan 2024 15:34

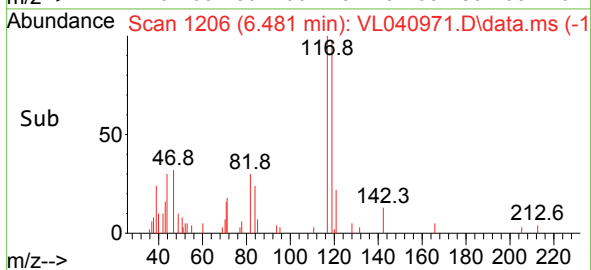
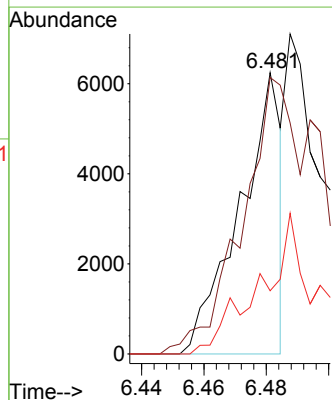
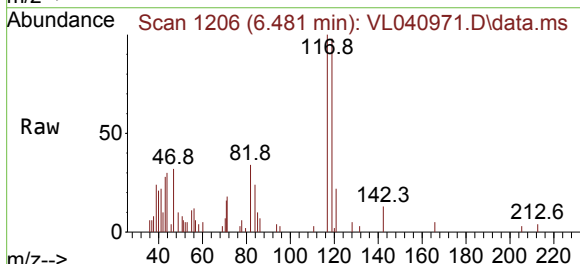
Instrument :
MSVOA_L
ClientSampleId :

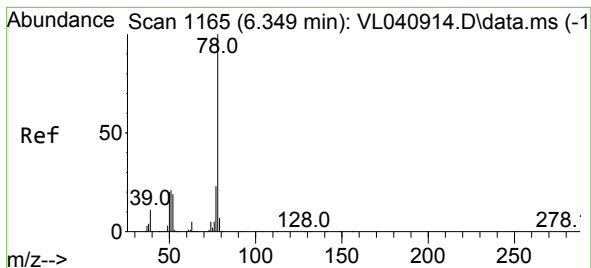
Tgt Ion: 43 Resp: 32092
Ion Ratio Lower Upper
43 100
72 26.1 17.2 25.8#



#35
Carbon Tetrachloride
Concen: 0.032 ppbv
RT: 6.481 min Scan# 1206
Delta R.T. 0.006 min
Lab File: VL040971.D
Acq: 15 Jan 2024 15:34

Tgt Ion: 117 Resp: 5751
Ion Ratio Lower Upper
117 100
119 94.7 76.3 114.5
121 22.5 24.9 37.3#





#36

Benzene

Concen: 1.562 ppbv

RT: 6.359 min Scan# 1168

Delta R.T. 0.006 min

Lab File: VL040971.D

Acq: 15 Jan 2024 15:34

Instrument :

MSVOA_L

ClientSampleId :

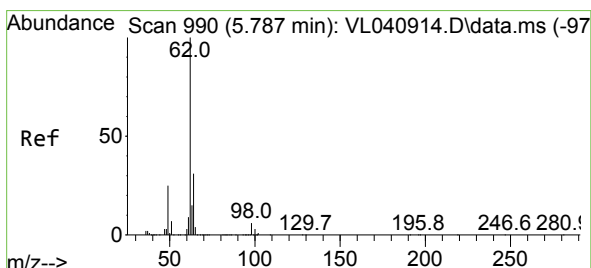
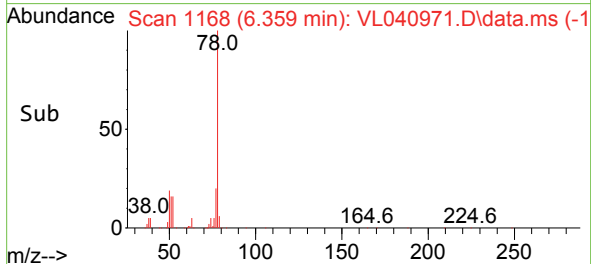
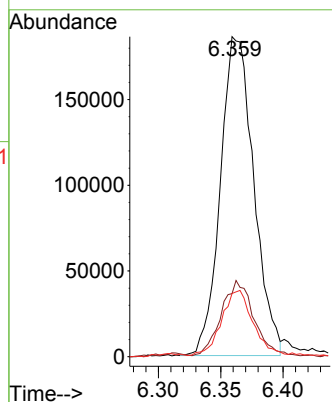
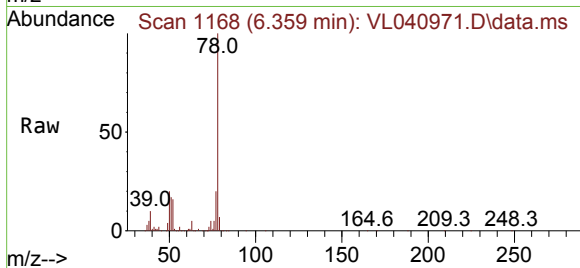
Tgt Ion: 78 Resp: 346956

Ion Ratio Lower Upper

78 100

77 18.9 18.4 27.6

50 19.2 16.0 24.0



#37

1,2-Dichloroethane

Concen: 0.023 ppbv

RT: 5.800 min Scan# 994

Delta R.T. 0.010 min

Lab File: VL040971.D

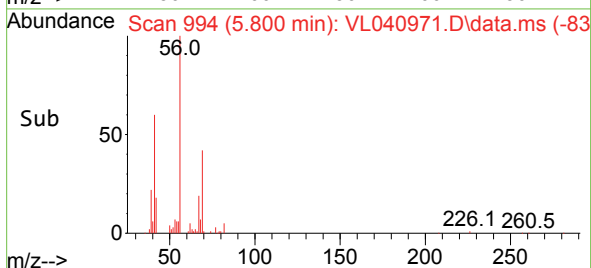
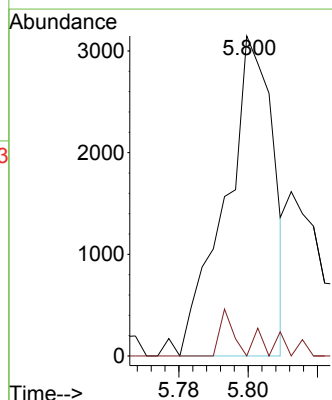
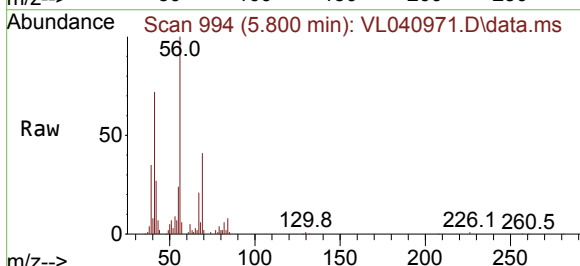
Acq: 15 Jan 2024 15:34

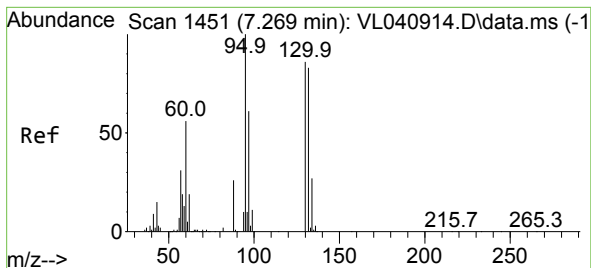
Tgt Ion: 62 Resp: 3007

Ion Ratio Lower Upper

62 100

98 8.4 4.6 7.0#





#38

Trichloroethene

Concen: 0.250 ppbv

RT: 7.279 min Scan# 1451

Delta R.T. 0.010 min

Lab File: VL040971.D

Acq: 15 Jan 2024 15:34

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:130 Resp: 20828

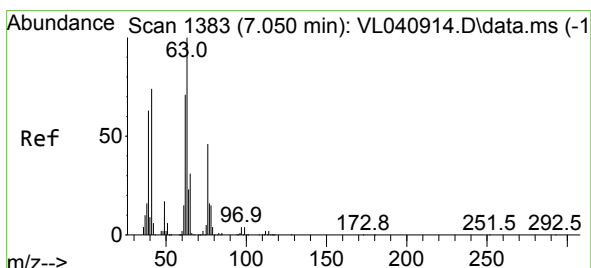
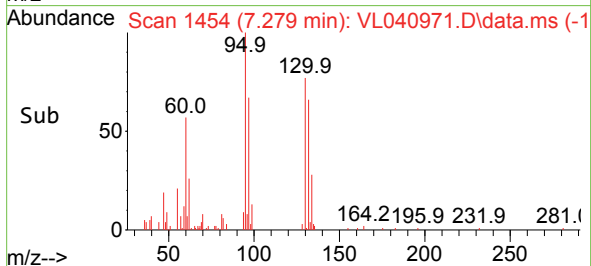
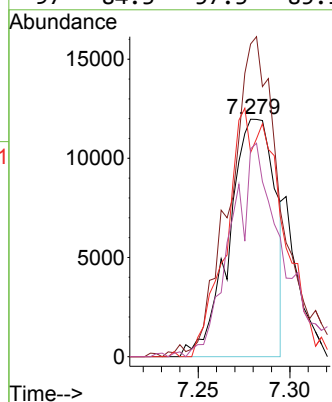
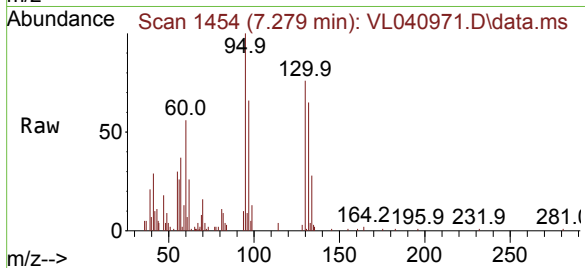
Ion Ratio Lower Upper

130 100

95 124.8 93.5 140.3

132 84.7 77.4 116.2

97 84.3 57.3 85.9



#39

1,2-Dichloropropane

Concen: 8.167 ppbv

RT: 6.642 min Scan# 1256

Delta R.T. -0.411 min

Lab File: VL040971.D

Acq: 15 Jan 2024 15:34

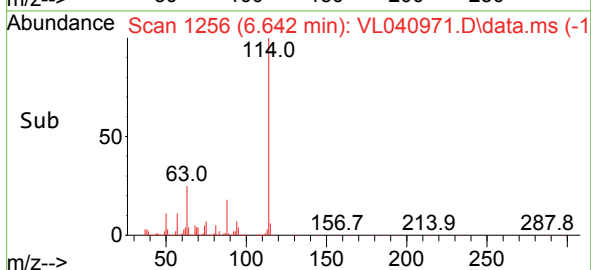
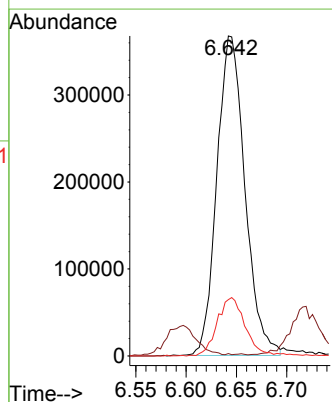
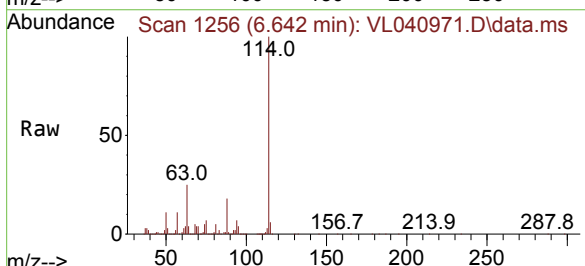
Tgt Ion: 63 Resp: 712928

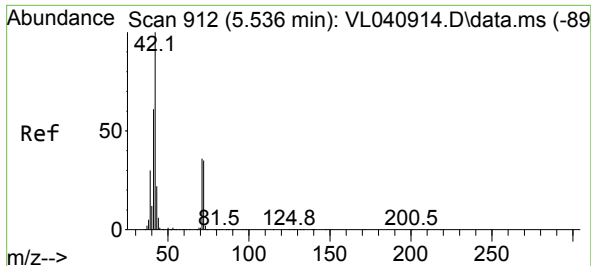
Ion Ratio Lower Upper

63 100

41 0.0 59.0 88.6#

62 17.5 56.6 85.0#





#41

Tetrahydrofuran

Concen: 0.416 ppbv

RT: 5.806 min Scan# 912

Delta R.T. 0.267 min

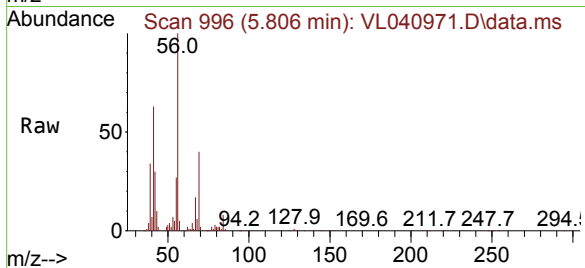
Lab File: VL040971.D

Acq: 15 Jan 2024 15:34

Instrument :

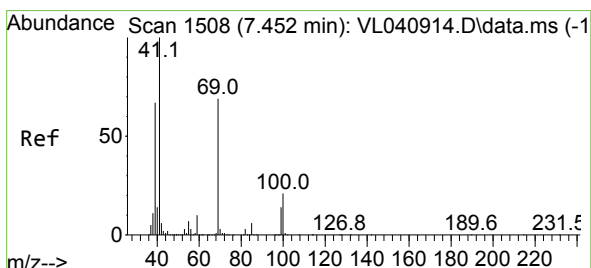
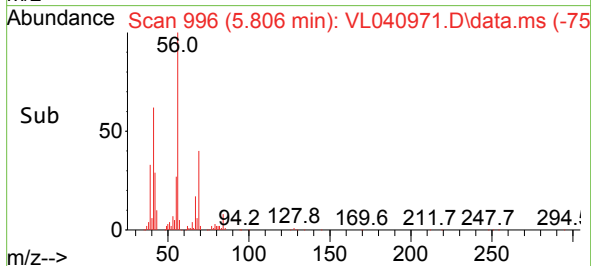
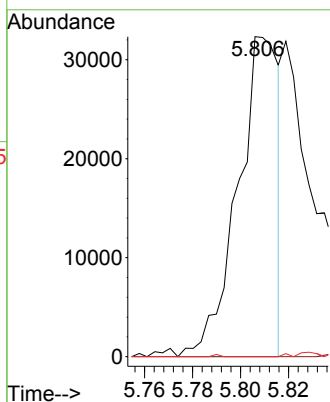
MSVOA_L

ClientSampleId :



Tgt Ion: 42 Resp: 38063

Ion	Ratio	Lower	Upper
42	100		
72	0.0	29.6	44.4#
71	0.0	29.1	43.7#



#43

Methyl Methacrylate

Concen: 0.867 ppbv

RT: 7.465 min Scan# 1512

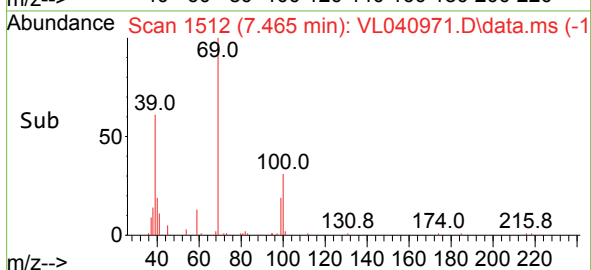
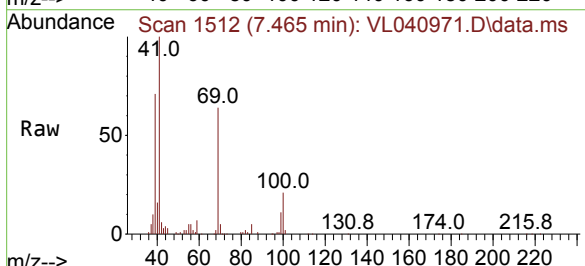
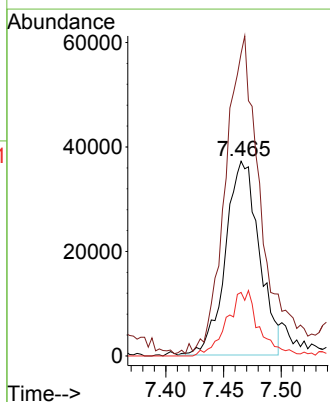
Delta R.T. 0.013 min

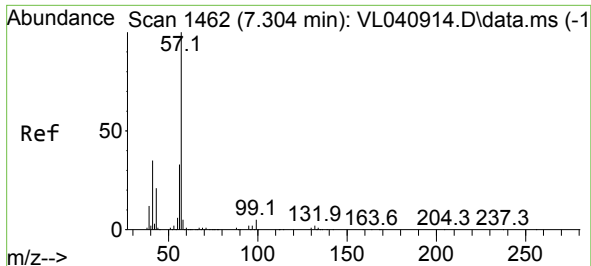
Lab File: VL040971.D

Acq: 15 Jan 2024 15:34

Tgt Ion: 69 Resp: 75547

Ion	Ratio	Lower	Upper
69	100		
41	174.0	119.9	179.9
100	32.3	25.1	37.7

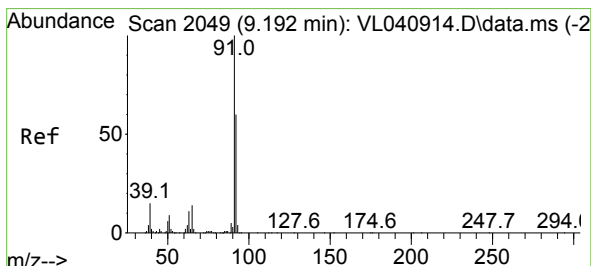
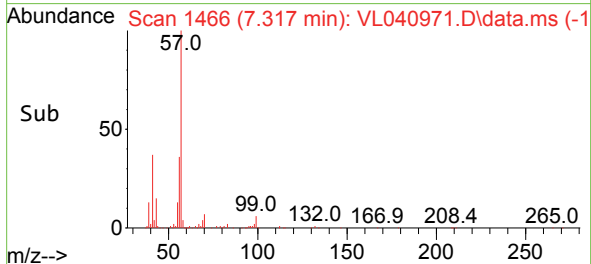
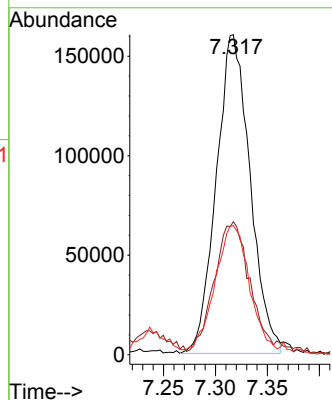
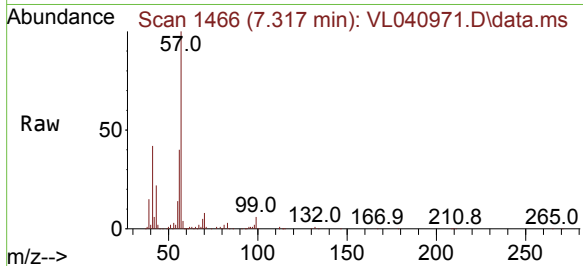




#44
2,2,4-Trimethylpentane
Concen: 0.960 ppbv
RT: 7.317 min Scan# 1466
Delta R.T. 0.010 min
Lab File: VL040971.D
Acq: 15 Jan 2024 15:34

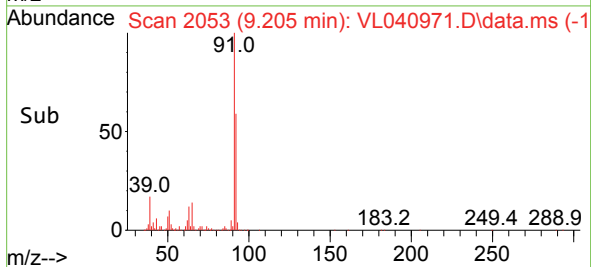
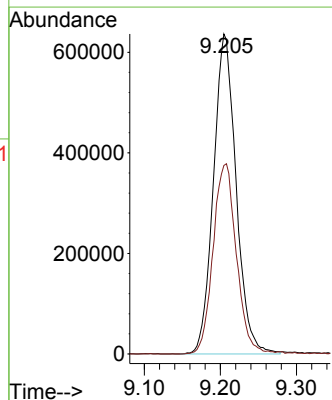
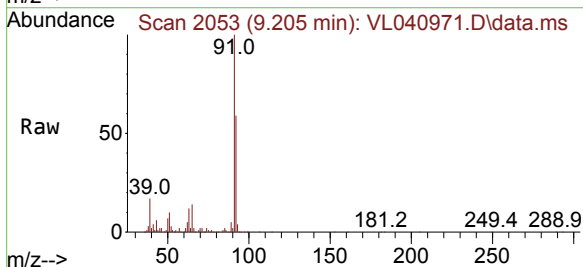
Instrument :
MSVOA_L
ClientSampleId :

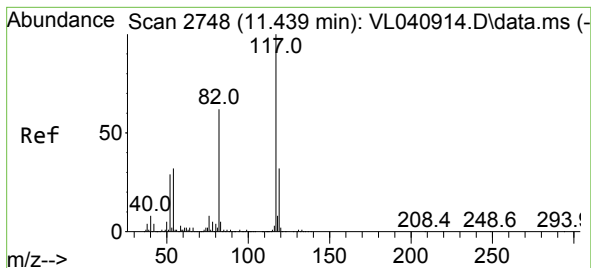
Tgt Ion: 57 Resp: 362249
Ion Ratio Lower Upper
57 100
41 46.5 28.2 42.4#
56 43.7 25.3 37.9#



#53
Toluene
Concen: 5.350 ppbv
RT: 9.205 min Scan# 2053
Delta R.T. 0.006 min
Lab File: VL040971.D
Acq: 15 Jan 2024 15:34

Tgt Ion: 91 Resp: 1317856
Ion Ratio Lower Upper
91 100
92 61.5 49.2 73.8

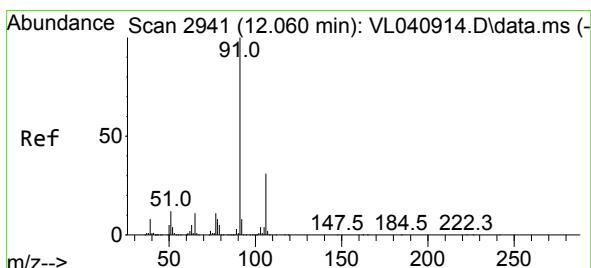
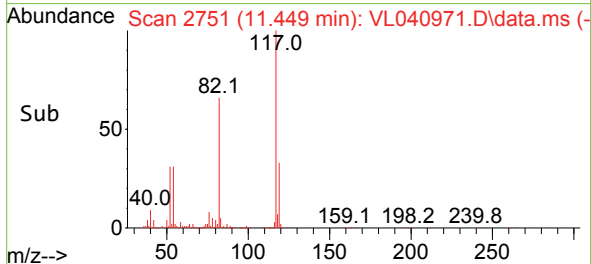
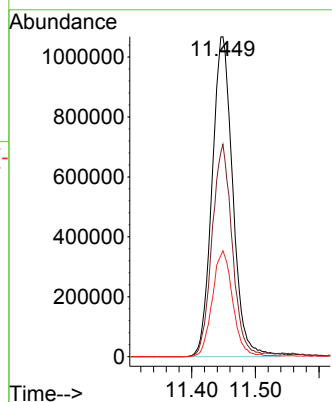
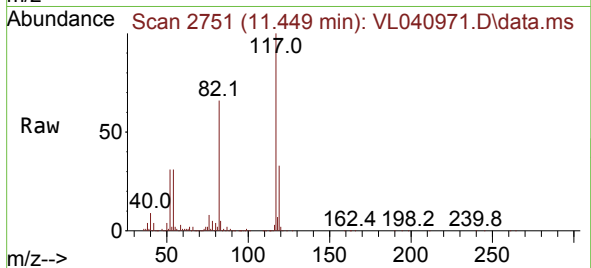




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.449 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL040971.D
Acq: 15 Jan 2024 15:34

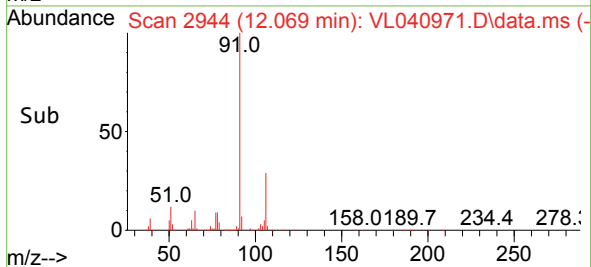
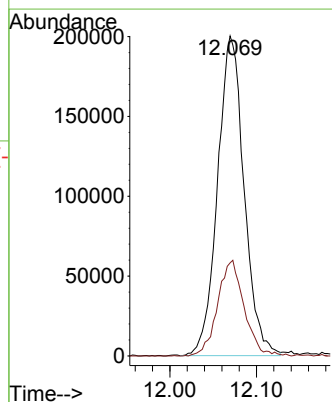
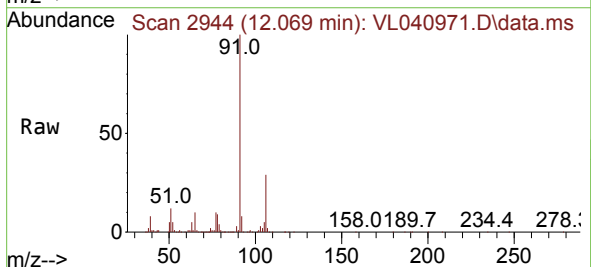
Instrument :
MSVOA_L
ClientSampleId :

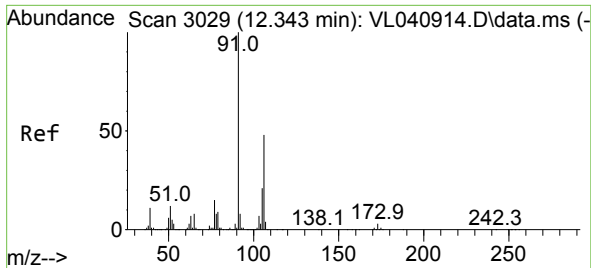
Tgt Ion:117 Resp: 2410139
Ion Ratio Lower Upper
117 100
82 67.2 49.6 74.4
119 33.1 23.4 35.0



#58
Ethyl Benzene
Concen: 1.376 ppbv
RT: 12.069 min Scan# 2944
Delta R.T. 0.006 min
Lab File: VL040971.D
Acq: 15 Jan 2024 15:34

Tgt Ion: 91 Resp: 425891
Ion Ratio Lower Upper
91 100
106 29.1 24.9 37.3





#59

m/p-Xylene

Concen: 4.916 ppbv

RT: 12.327 min Scan# 3024

Delta R.T. -0.022 min

Lab File: VL040971.D

Acq: 15 Jan 2024 15:34

Instrument :

MSVOA_L

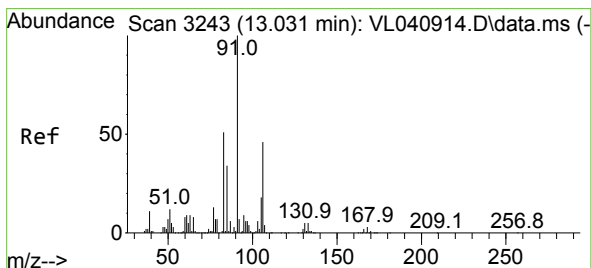
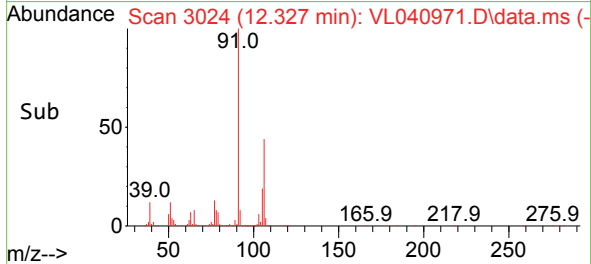
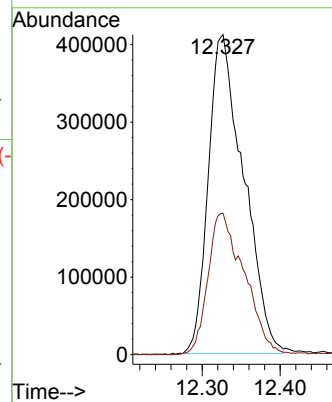
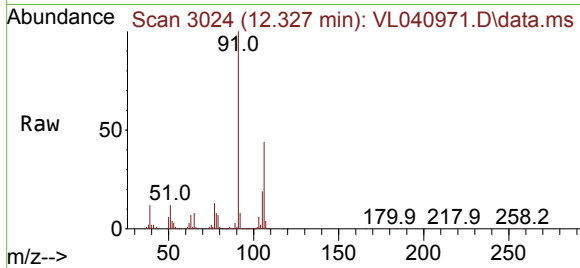
ClientSampleId :

Tgt Ion: 91 Resp: 1294508

Ion Ratio Lower Upper

91 100

106 45.8 0.0 0.0#



#60

o-Xylene

Concen: 1.702 ppbv

RT: 13.040 min Scan# 3246

Delta R.T. 0.006 min

Lab File: VL040971.D

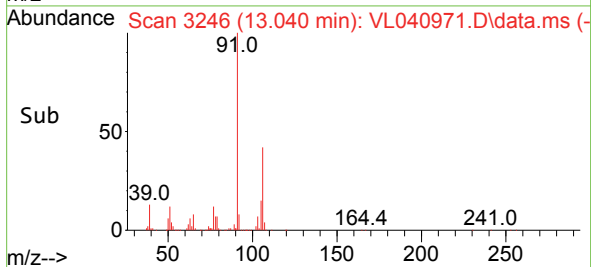
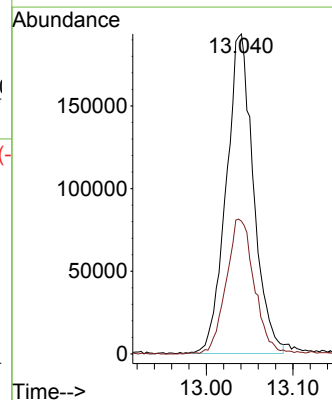
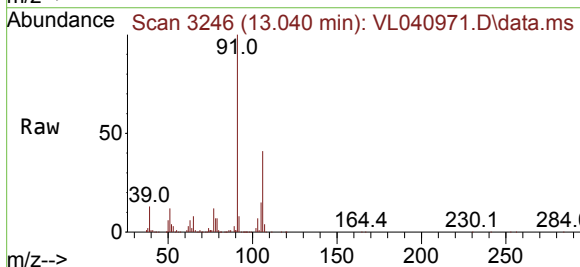
Acq: 15 Jan 2024 15:34

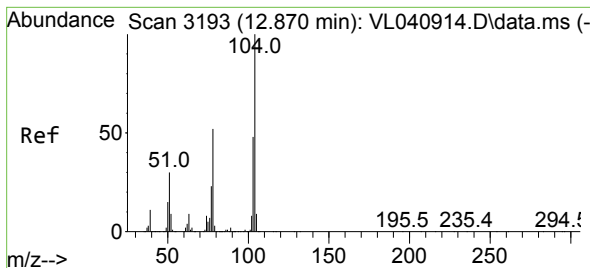
Tgt Ion: 91 Resp: 422330

Ion Ratio Lower Upper

91 100

106 44.0 22.6 67.7





#61

Styrene

Concen: 0.043 ppbv

RT: 12.886 min Scan# 3193

Delta R.T. 0.010 min

Lab File: VL040971.D

Acq: 15 Jan 2024 15:34

Instrument :

MSVOA_L

ClientSampleId :

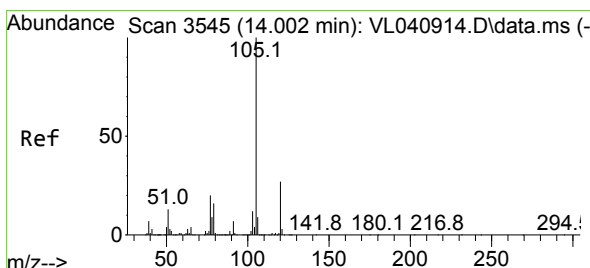
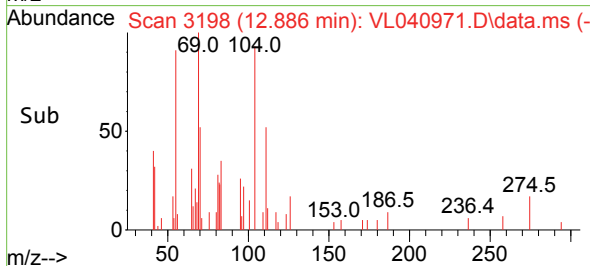
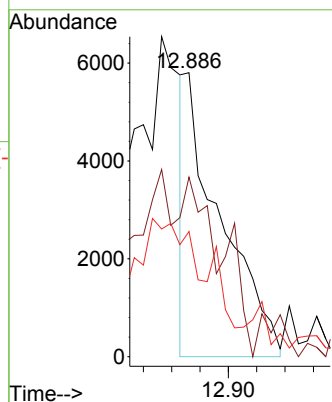
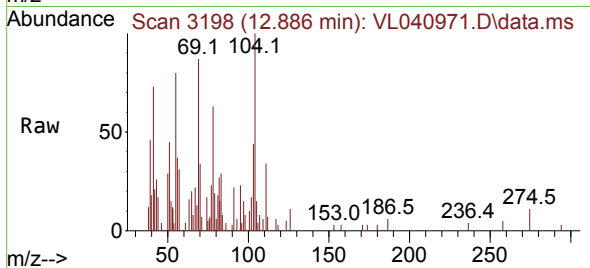
Tgt Ion:104 Resp: 5027

Ion Ratio Lower Upper

104 100

78 0.0 43.0 64.4#

103 0.0 37.6 56.4#



#62

Isopropylbenzene

Concen: 0.041 ppbv

RT: 14.018 min Scan# 3550

Delta R.T. 0.013 min

Lab File: VL040971.D

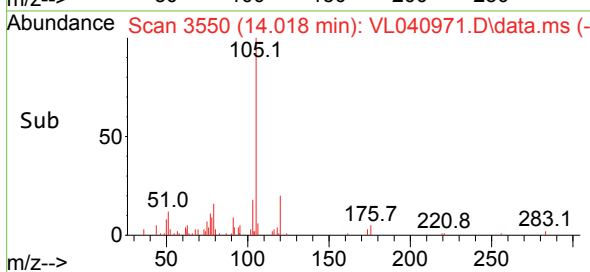
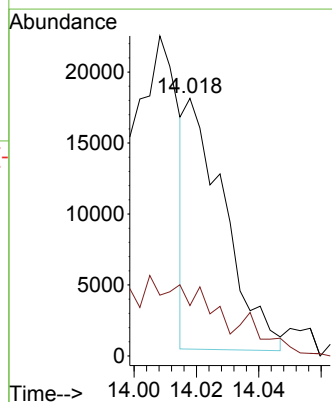
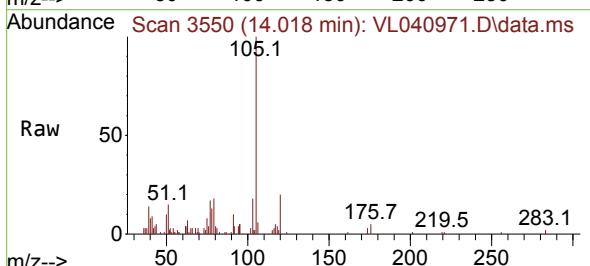
Acq: 15 Jan 2024 15:34

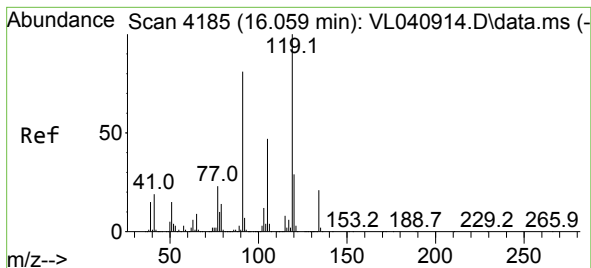
Tgt Ion:105 Resp: 15169

Ion Ratio Lower Upper

105 100

120 0.0 20.7 31.1#





#65

tert-Butylbenzene

Concen: 0.040 ppbv

RT: 16.082 min Scan# 41

Delta R.T. 0.016 min

Lab File: VL040971.D

Acq: 15 Jan 2024 15:34

Instrument :

MSVOA_L

ClientSampleId :

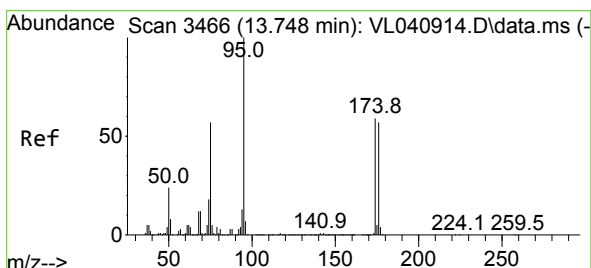
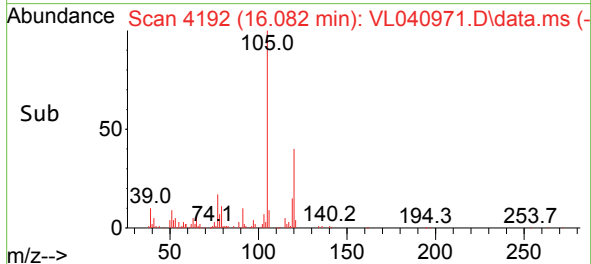
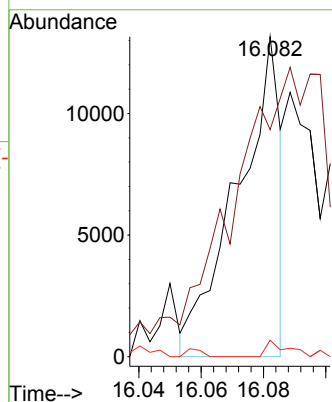
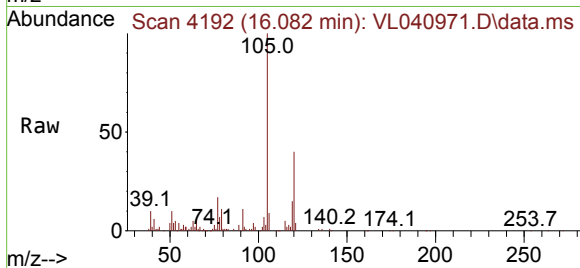
Tgt Ion:119 Resp: 12573

Ion Ratio Lower Upper

119 100

91 0.0 67.2 100.8#

134 0.0 15.8 23.6#



#68

1-Bromo-4-Fluorobenzene

Concen: 10.011 ppbv

RT: 13.757 min Scan# 3469

Delta R.T. 0.003 min

Lab File: VL040971.D

Acq: 15 Jan 2024 15:34

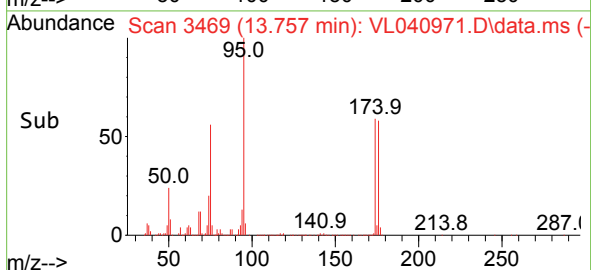
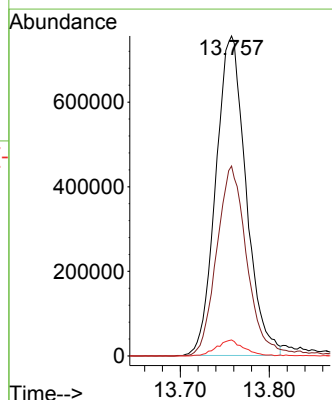
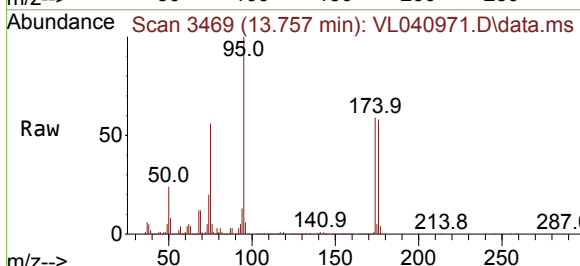
Tgt Ion: 95 Resp: 1777142

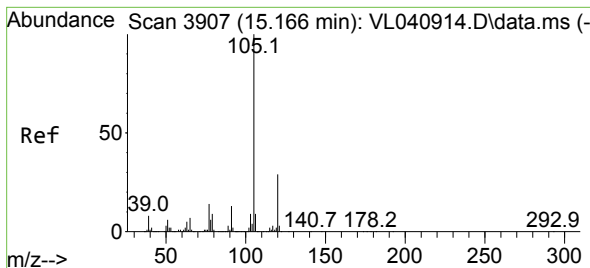
Ion Ratio Lower Upper

95 100

174 61.2 48.0 72.0

175 4.8 3.7 5.5





#72

4-Ethyltoluene

Concen: 0.246 ppbv

RT: 15.172 min Scan# 3909

Delta R.T. 0.003 min

Lab File: VL040971.D

Acq: 15 Jan 2024 15:34

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:105 Resp: 67019

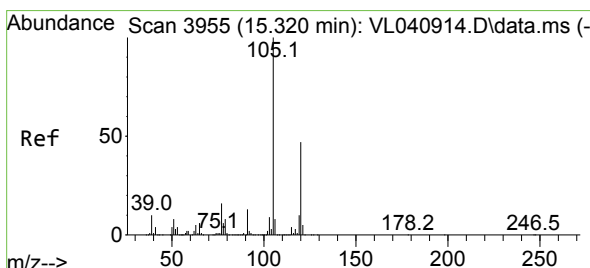
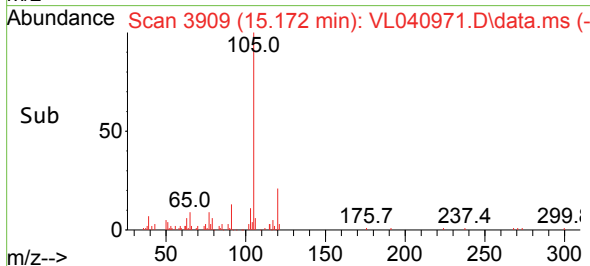
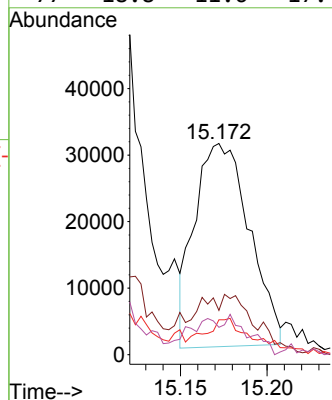
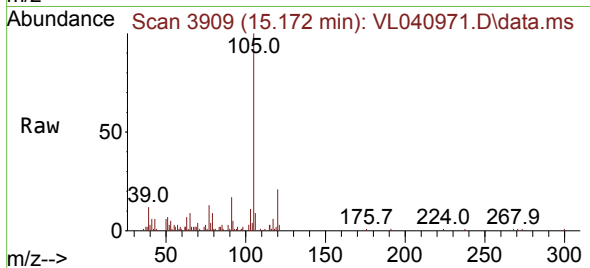
Ion Ratio Lower Upper

105 100

120 37.1 23.8 35.8#

91 20.3 10.9 16.3#

77 18.8 11.6 17.4#



#73

1,3,5-Trimethylbenzene

Concen: 0.216 ppbv

RT: 15.333 min Scan# 3959

Delta R.T. 0.003 min

Lab File: VL040971.D

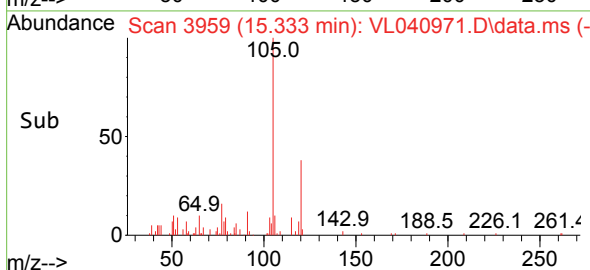
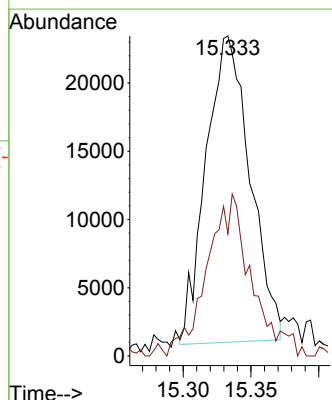
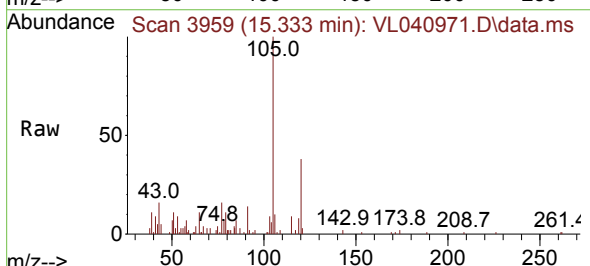
Acq: 15 Jan 2024 15:34

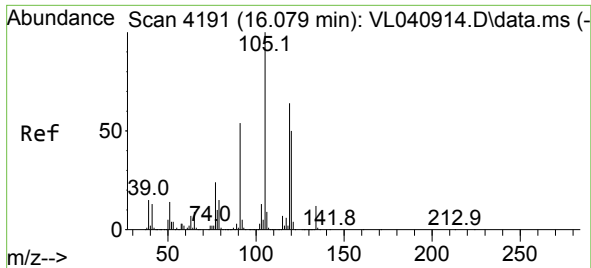
Tgt Ion:105 Resp: 50793

Ion Ratio Lower Upper

105 100

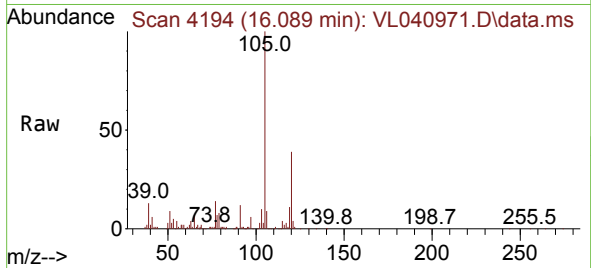
120 36.8 37.8 56.8#





#74
 1,2,4-Trimethylbenzene
 Concen: 0.842 ppbv
 RT: 16.089 min Scan# 4194
 Delta R.T. 0.003 min
 Lab File: VL040971.D
 Acq: 15 Jan 2024 15:34

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion:	105	Resp:	220100
Ion	Ratio	Lower	Upper
105	100		
120	39.1	40.2	60.4#
91	11.6	43.0	64.6#
77	12.9	18.9	28.3#

