

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011524\
 Data File : VL040972.D
 Acq On : 15 Jan 2024 16:15
 Operator : SY/MD
 Sample : P1138-04
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jan 16 03:37:32 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	5.189	49	1141882	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	6.645	114	2895763	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.445	117	2414138	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.757	95	1794605	10.092	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.900%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.745	85	108101	0.497	ppbv	100
3) Chlorodifluoromethane	2.668	51	112620	0.655	ppbv #	74
4) Chloromethane	2.828	50	36485	0.576	ppbv #	79
8) Dichlorotetrafluoroethane	2.867	85	4825	0.031	ppbv #	78
9) Propene	2.886	41	125930	2.221	ppbv	96
10) Heptane	7.568	43	133447	0.947	ppbv	93
11) Trichlorofluoromethane	3.574	101	40877	0.240	ppbv	91
12) 1,1,2-Trichlorotrifluoro...	4.066	101	3913	0.030	ppbv #	15
13) Ethanol	3.246	45	817867	57.179	ppbv	97
15) Acetone	3.478	43	270842	1.978	ppbv #	42
16) 1,3-Butadiene	2.980	39	48910	0.829	ppbv #	9
19) Isopropyl Alcohol	3.584	45	1299875	18.190	ppbv	100
20) Methylene Chloride	3.941	84	226850	4.647	ppbv	99
21) Allyl Chloride	3.957	41	25306	0.313	ppbv #	16
23) Vinyl Acetate	4.610	43	98585	0.653	ppbv #	1
25) Ethyl Acetate	5.208	43	517009	2.179	ppbv #	89
26) Hexane	5.211	57	456342	4.339	ppbv #	56
29) Chloroform	5.272	83	18814	0.106	ppbv #	78
30) Cyclohexane	6.594	84	60252	0.687	ppbv	91
34) 2-Butanone	4.790	43	38352	0.250	ppbv #	91
35) Carbon Tetrachloride	6.481	117	6130	0.034	ppbv #	75
36) Benzene	6.362	78	467433	2.065	ppbv	98
38) Trichloroethene	7.282	130	35417	0.417	ppbv	91
39) 1,2-Dichloropropane	6.642	63	731357	8.221	ppbv #	24
41) Tetrahydrofuran	5.491	42	2147	0.023	ppbv #	72
42) Bromodichloromethane	7.240	83	6027	0.031	ppbv #	24
43) Methyl Methacrylate	7.465	69	27709	0.312	ppbv	86
44) 2,2,4-Trimethylpentane	7.314	57	299800	0.780	ppbv #	83
53) Toluene	9.204	91	1291938	5.147	ppbv	99
58) Ethyl Benzene	12.069	91	262049	0.845	ppbv	99
59) m/p-Xylene	12.326	91	789353	2.993	ppbv #	100
60) o-Xylene	13.037	91	293972	1.183	ppbv	97
61) Styrene	12.876	104	16897	0.143	ppbv #	39
62) Isopropylbenzene	14.008	105	30942	0.084	ppbv #	69
64) n-propylbenzene	14.896	120	2686	0.029	ppbv #	1
66) Benzyl Chloride	16.249	91	487	0.023	ppbv #	77
69) p-Isopropyltoluene	16.973	119	13507	0.038	ppbv #	57
72) 4-Ethyltoluene	15.169	105	79198	0.290	ppbv #	95
73) 1,3,5-Trimethylbenzene	15.333	105	63209	0.269	ppbv	96
74) 1,2,4-Trimethylbenzene	16.088	105	256896	0.981	ppbv #	65
79) Naphthalene	21.361	128	2838	0.022	ppbv #	61

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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

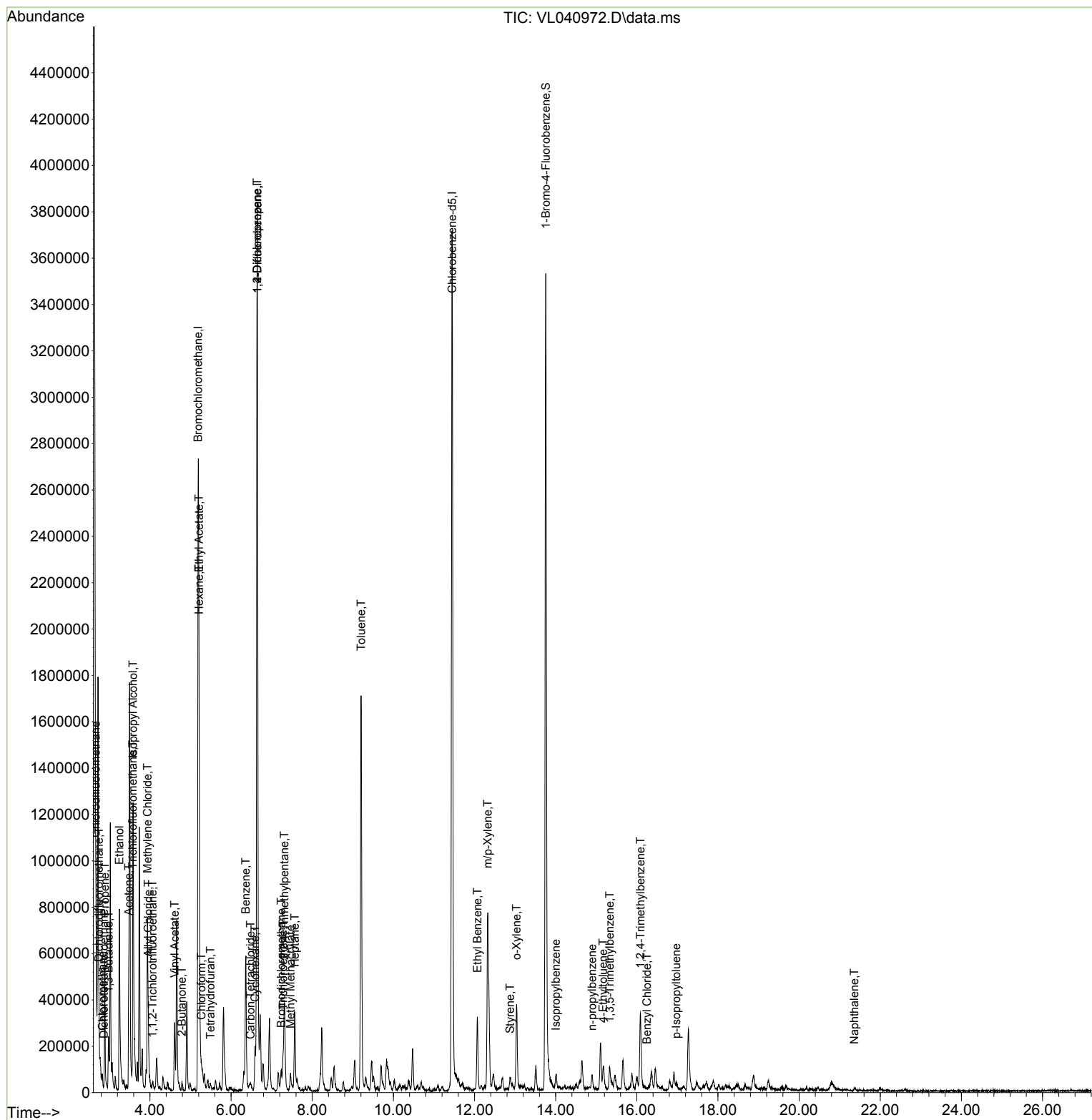
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

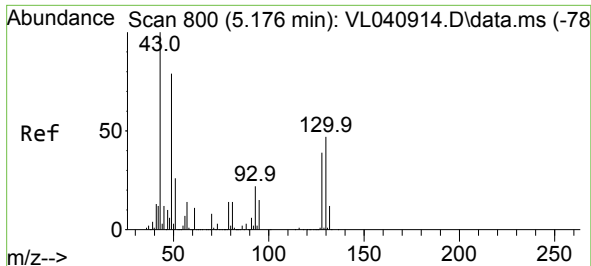
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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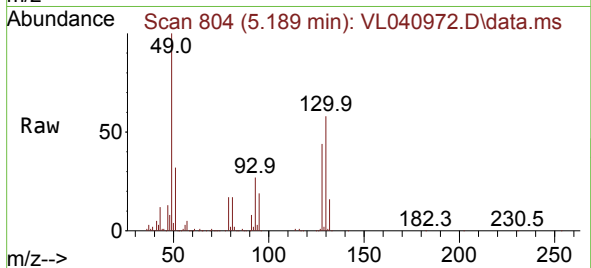
Quant Time: Jan 16 03:37:32 2024
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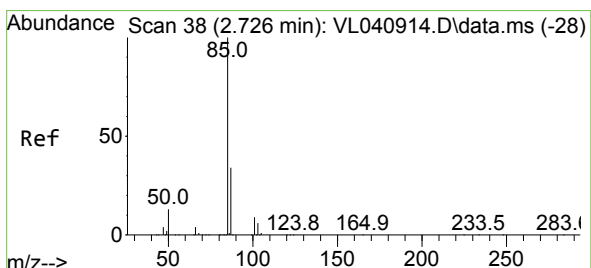
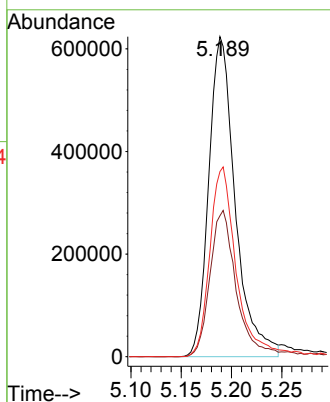
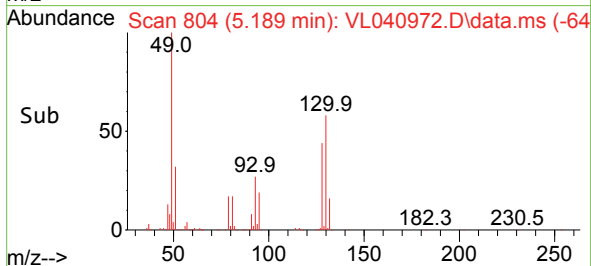
#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.189 min Scan# 80
 Delta R.T. 0.013 min
 Lab File: VL040972.D
 Acq: 15 Jan 2024 16:15

Instrument :
 MSVOA_L
 ClientSampleId :

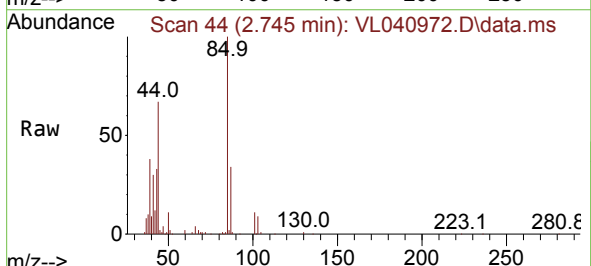


Tgt Ion: 49 Resp: 1141882

Ion	Ratio	Lower	Upper
49	100		
128	47.3	23.8	71.2
130	61.6	30.1	90.5

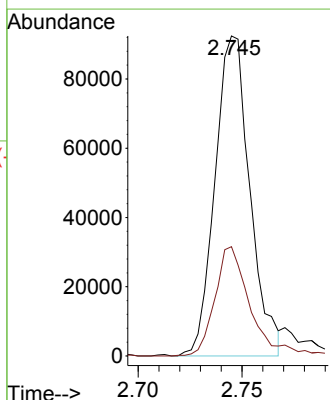
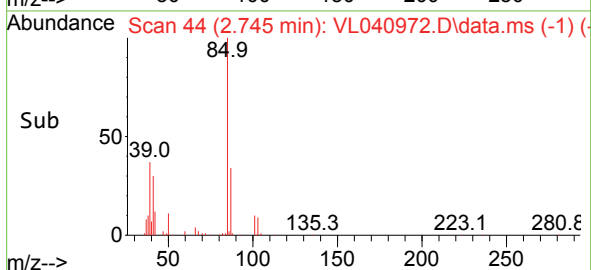


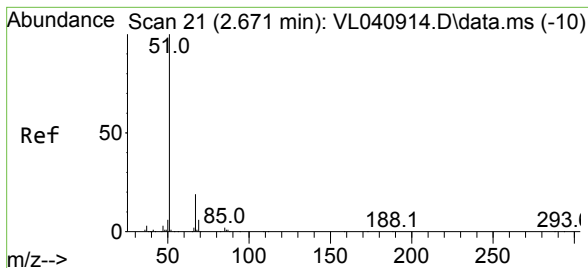
#2
 Dichlorodifluoromethane
 Concen: 0.497 ppbv
 RT: 2.745 min Scan# 44
 Delta R.T. 0.022 min
 Lab File: VL040972.D
 Acq: 15 Jan 2024 16:15



Tgt Ion: 85 Resp: 108101

Ion	Ratio	Lower	Upper
85	100		
87	33.9	27.0	40.6

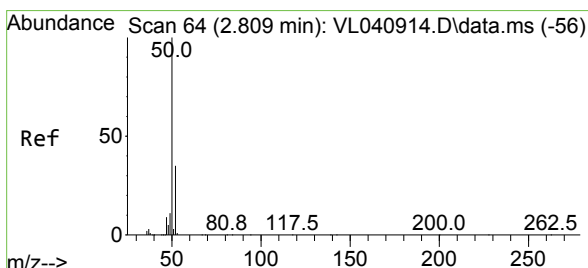
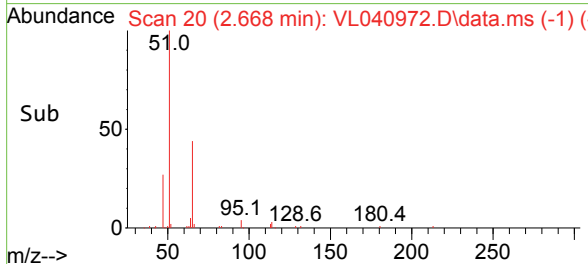
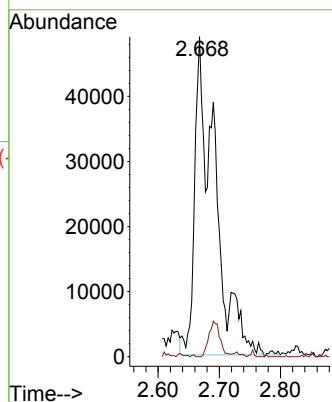
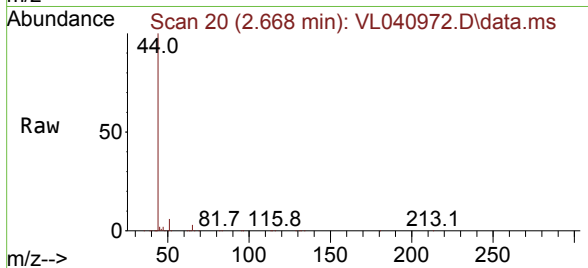




#3
Chlorodifluoromethane
Concen: 0.655 ppbv
RT: 2.668 min Scan# 20
Delta R.T. -0.000 min
Lab File: VL040972.D
Acq: 15 Jan 2024 16:15

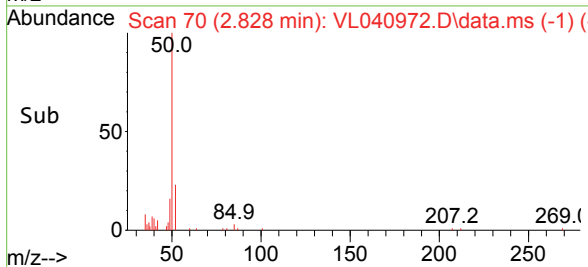
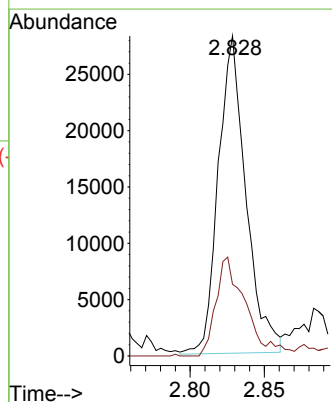
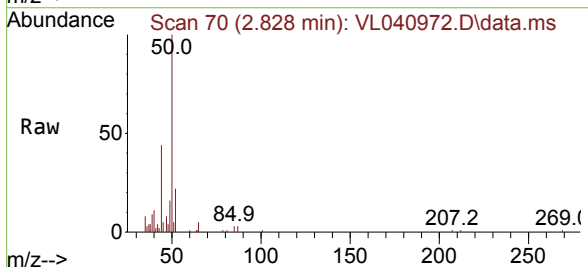
Instrument :
MSVOA_L
ClientSampleId :

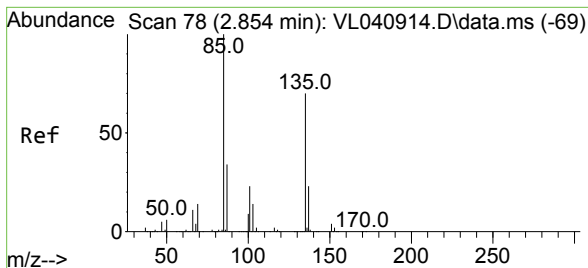
Tgt Ion: 51 Resp: 112620
Ion Ratio Lower Upper
51 100
67 7.0 14.7 22.1#



#4
Chloromethane
Concen: 0.576 ppbv
RT: 2.828 min Scan# 70
Delta R.T. 0.022 min
Lab File: VL040972.D
Acq: 15 Jan 2024 16:15

Tgt Ion: 50 Resp: 36485
Ion Ratio Lower Upper
50 100
52 22.7 28.0 42.0#

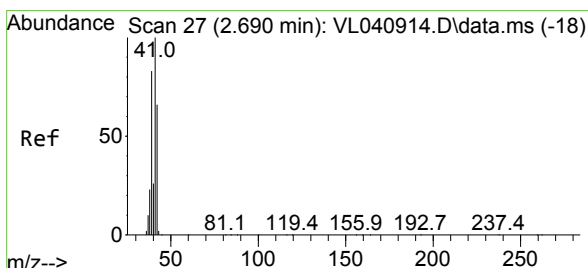
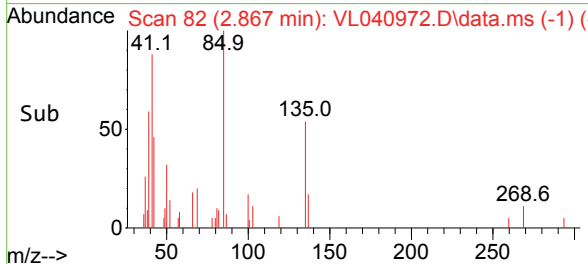
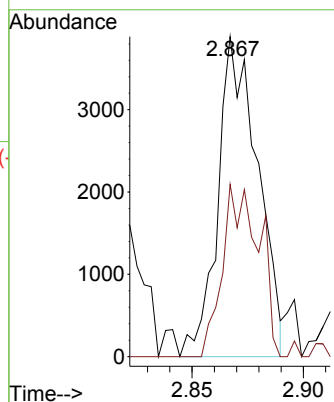
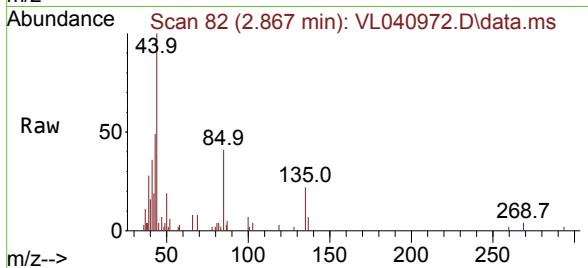




#8
 Dichlorotetrafluoroethane
 Concen: 0.031 ppbv
 RT: 2.867 min Scan# 81
 Delta R.T. 0.019 min
 Lab File: VL040972.D
 Acq: 15 Jan 2024 16:15

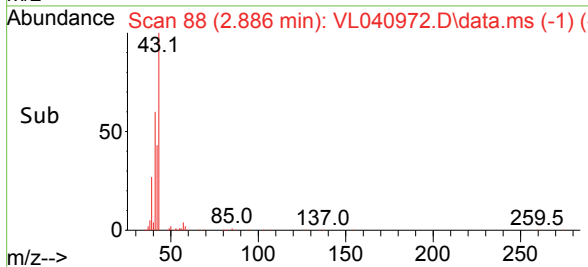
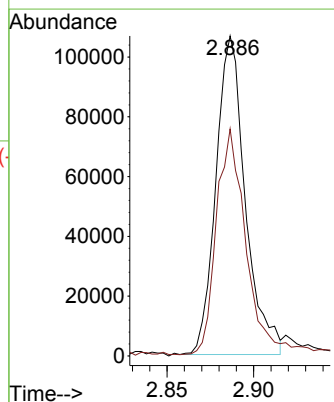
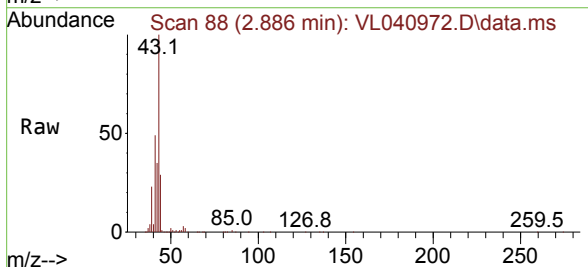
Instrument :
 MSVOA_L
 ClientSampleId :

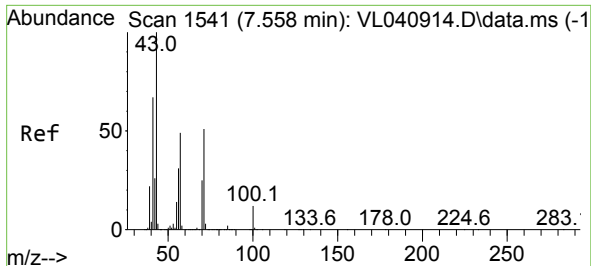
Tgt Ion: 85 Resp: 4825
 Ion Ratio Lower Upper
 85 100
 135 51.5 55.8 83.8#



#9
 Propene
 Concen: 2.221 ppbv
 RT: 2.886 min Scan# 88
 Delta R.T. 0.199 min
 Lab File: VL040972.D
 Acq: 15 Jan 2024 16:15

Tgt Ion: 41 Resp: 125930
 Ion Ratio Lower Upper
 41 100
 42 73.0 55.8 83.6

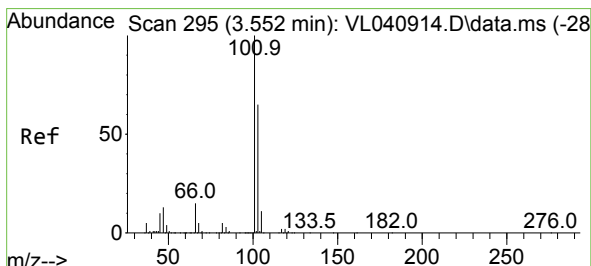
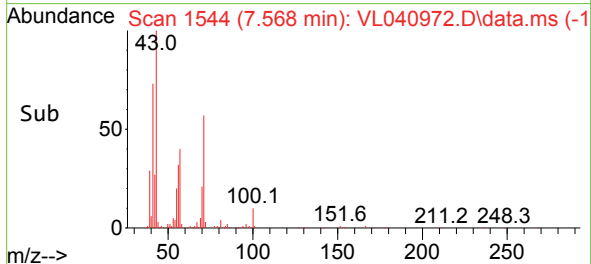
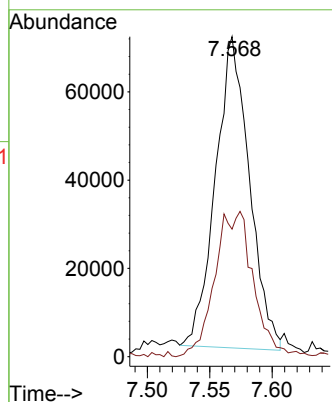
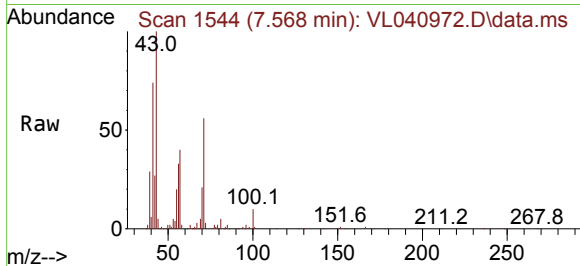




#10
Heptane
Concen: 0.947 ppbv
RT: 7.568 min Scan# 11
Delta R.T. 0.010 min
Lab File: VL040972.D
Acq: 15 Jan 2024 16:15

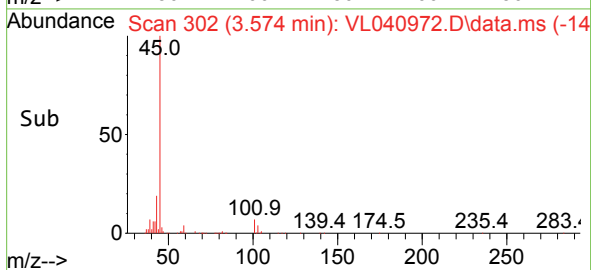
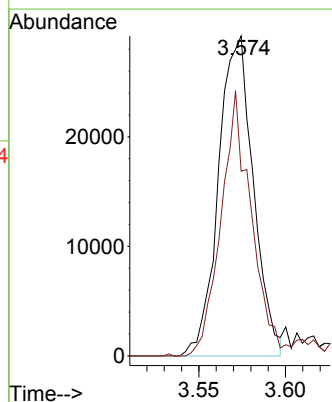
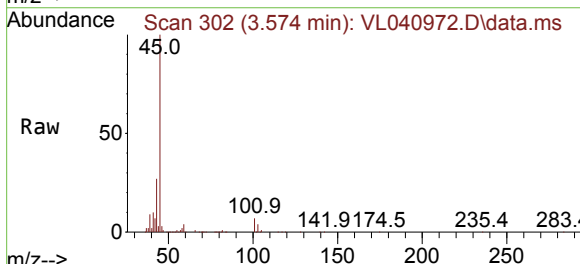
Instrument :
MSVOA_L
ClientSampleId :

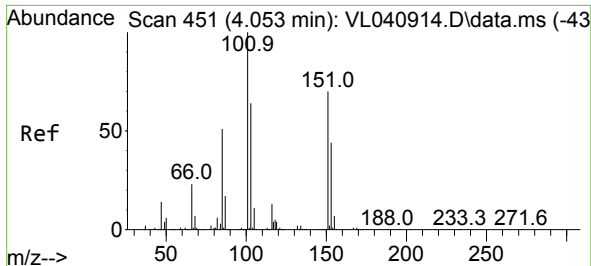
Tgt Ion: 43 Resp: 133447
Ion Ratio Lower Upper
43 100
57 53.7 39.3 58.9



#11
Trichlorofluoromethane
Concen: 0.240 ppbv
RT: 3.574 min Scan# 302
Delta R.T. 0.022 min
Lab File: VL040972.D
Acq: 15 Jan 2024 16:15

Tgt Ion:101 Resp: 40877
Ion Ratio Lower Upper
101 100
103 57.7 51.9 77.9





#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.030 ppbv

RT: 4.066 min Scan# 4

Delta R.T. 0.013 min

Lab File: VL040972.D

Acq: 15 Jan 2024 16:15

Instrument :

MSVOA_L

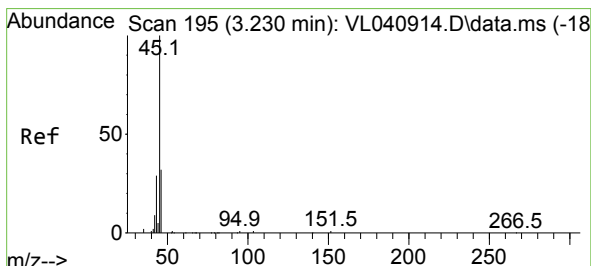
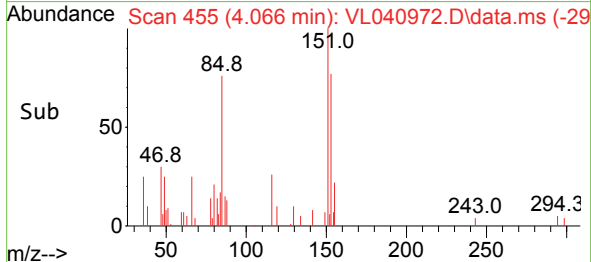
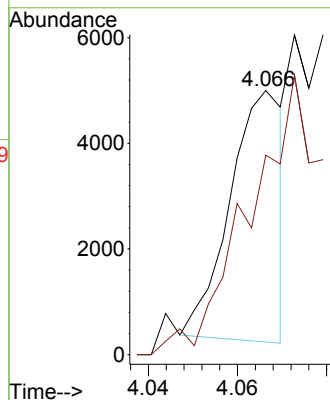
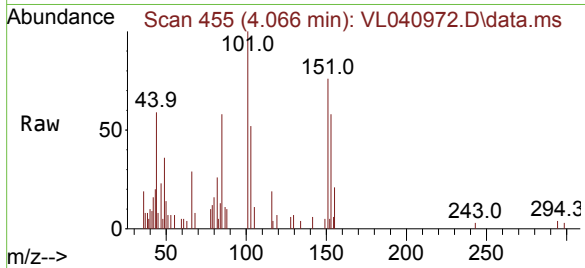
ClientSampleId :

Tgt Ion:101 Resp: 3913

Ion Ratio Lower Upper

101 100

151 0.0 55.8 83.8#



#13

Ethanol

Concen: 57.179 ppbv

RT: 3.246 min Scan# 200

Delta R.T. 0.016 min

Lab File: VL040972.D

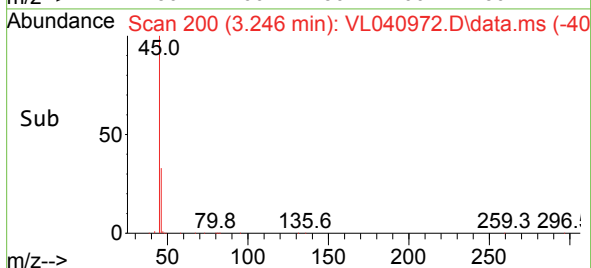
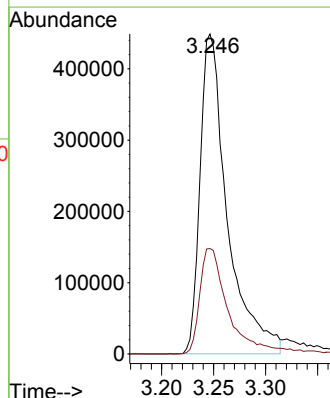
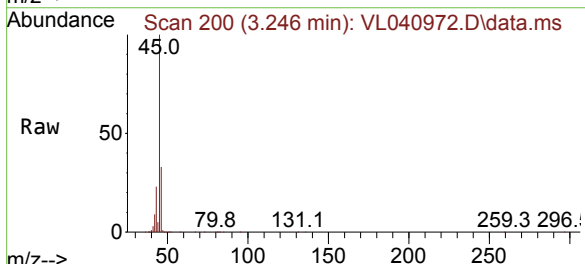
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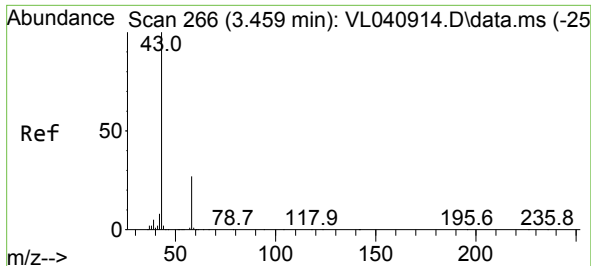
Tgt Ion: 45 Resp: 817867

Ion Ratio Lower Upper

45 100

46 35.6 15.0 60.0

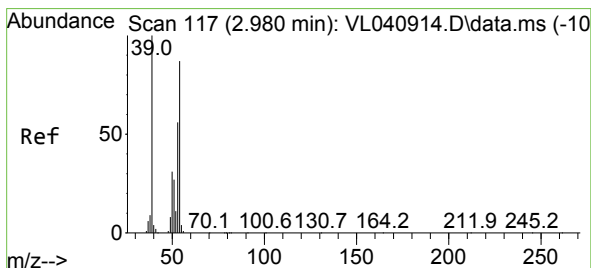
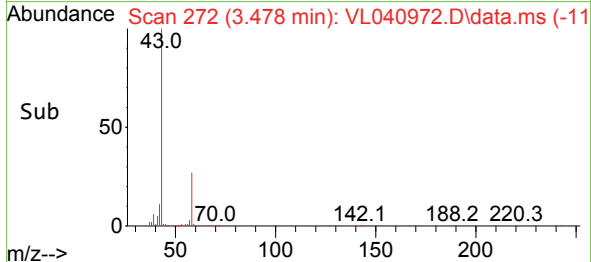
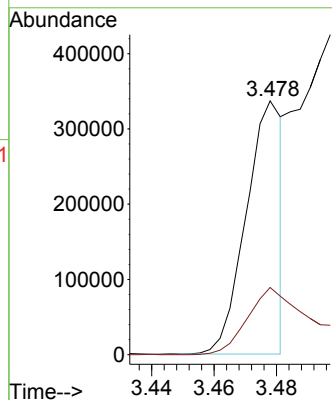
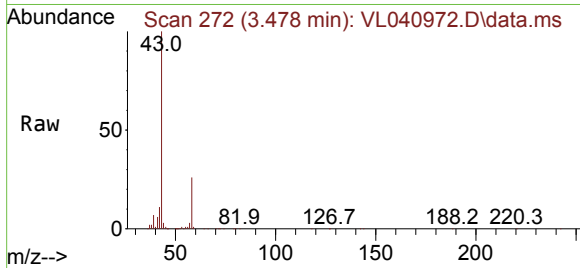




#15
Acetone
Concen: 1.978 ppbv
RT: 3.478 min Scan# 21
Delta R.T. 0.022 min
Lab File: VL040972.D
Acq: 15 Jan 2024 16:15

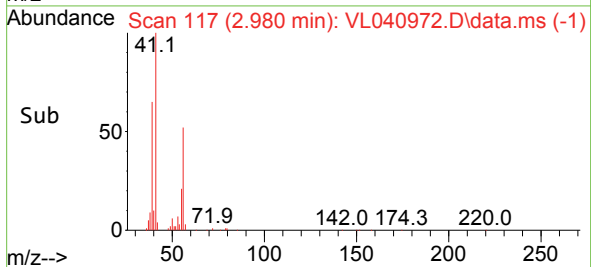
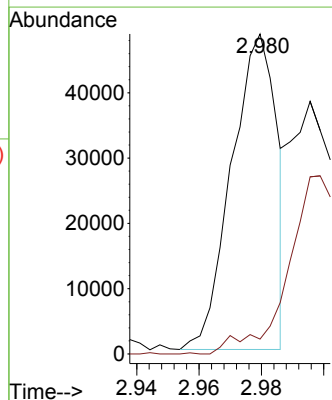
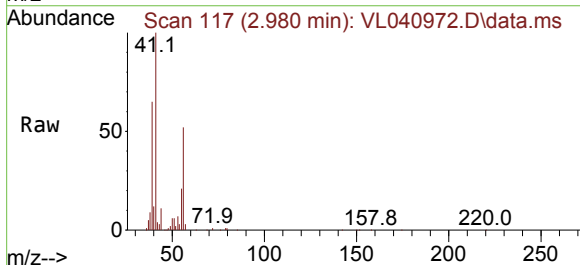
Instrument :
MSVOA_L
ClientSampleId :

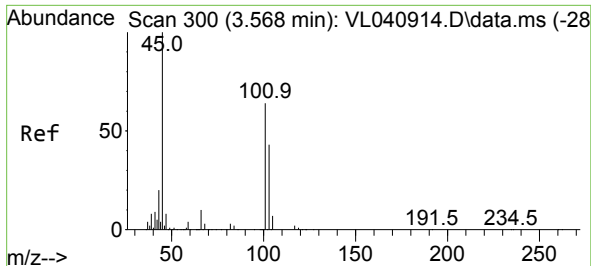
Tgt Ion: 43 Resp: 270842
Ion Ratio Lower Upper
43 100
58 55.2 20.6 30.8#



#16
1,3-Butadiene
Concen: 0.829 ppbv
RT: 2.980 min Scan# 117
Delta R.T. 0.003 min
Lab File: VL040972.D
Acq: 15 Jan 2024 16:15

Tgt Ion: 39 Resp: 48910
Ion Ratio Lower Upper
39 100
54 0.0 63.8 95.6#

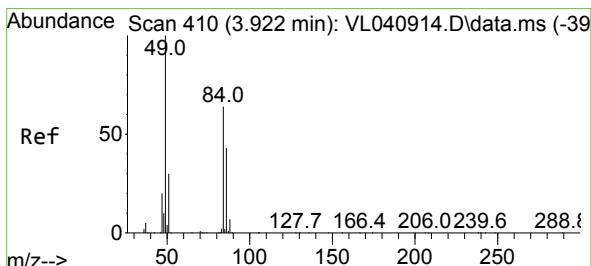
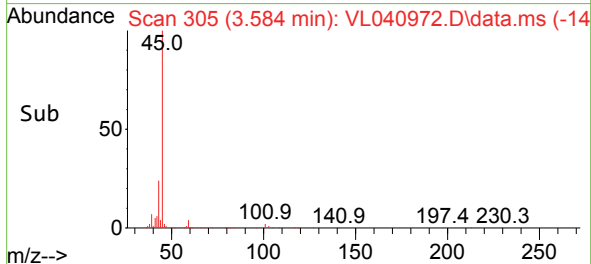
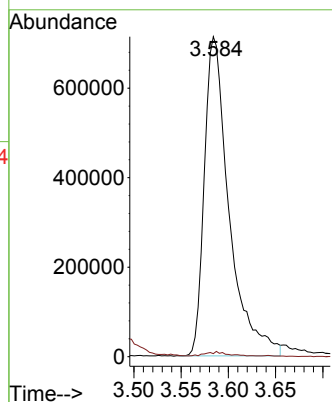
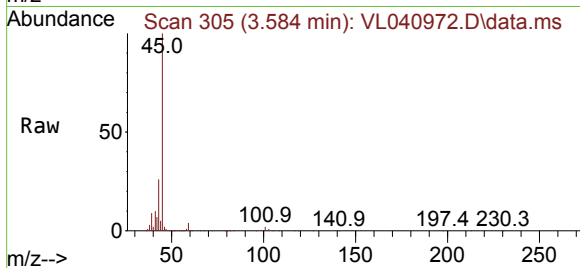




#19
Isopropyl Alcohol
Concen: 18.190 ppbv
RT: 3.584 min Scan# 305
Delta R.T. 0.019 min
Lab File: VL040972.D
Acq: 15 Jan 2024 16:15

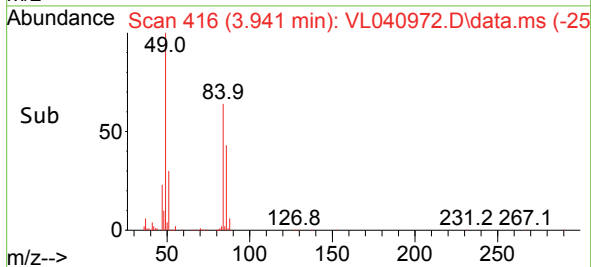
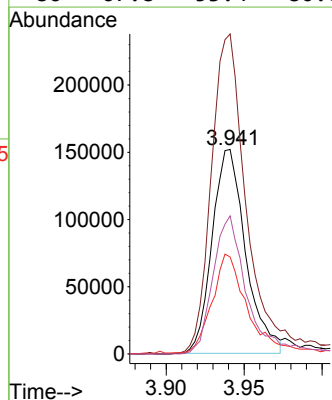
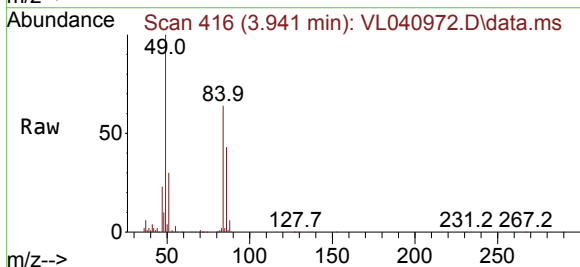
Instrument :
MSVOA_L
ClientSampleId :

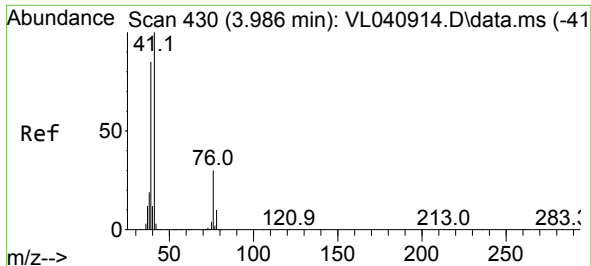
Tgt Ion: 45 Resp: 1299875
Ion Ratio Lower Upper
45 100
58 2.0 1.5 2.3



#20
Methylene Chloride
Concen: 4.647 ppbv
RT: 3.941 min Scan# 416
Delta R.T. 0.022 min
Lab File: VL040972.D
Acq: 15 Jan 2024 16:15

Tgt Ion: 84 Resp: 226850
Ion Ratio Lower Upper
84 100
49 156.4 124.6 187.0
51 47.0 37.2 55.8
86 67.8 53.4 80.0

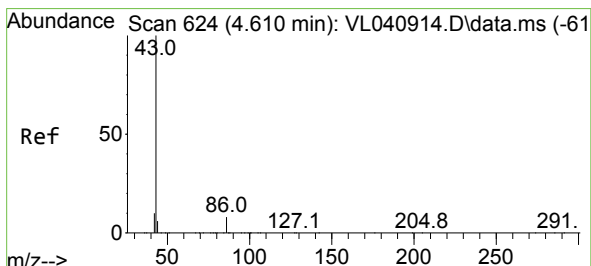
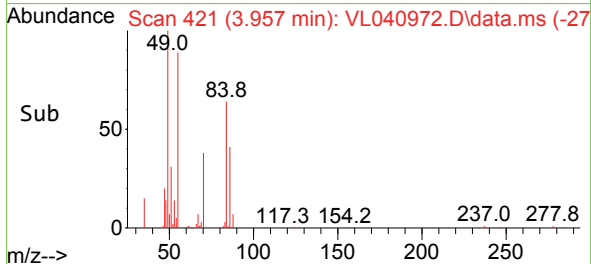
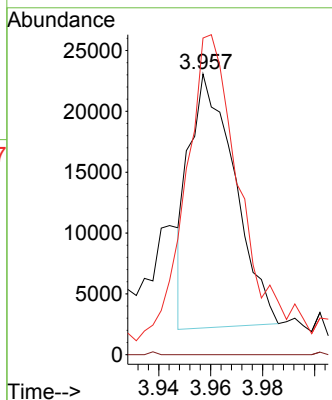
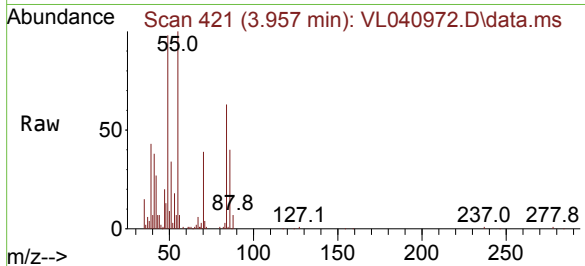




#21
 Allyl Chloride
 Concen: 0.313 ppbv
 RT: 3.957 min Scan# 41
 Delta R.T. -0.026 min
 Lab File: VL040972.D
 Acq: 15 Jan 2024 16:15

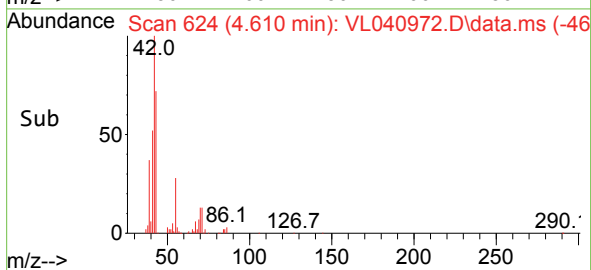
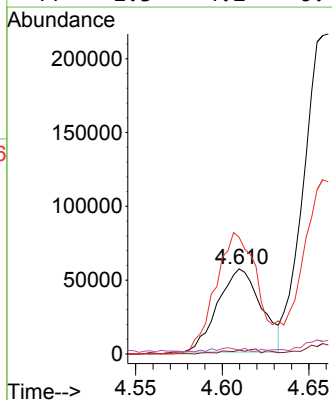
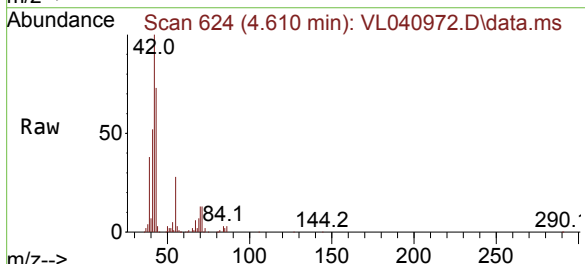
Instrument :
 MSVOA_L
 ClientSampleId :

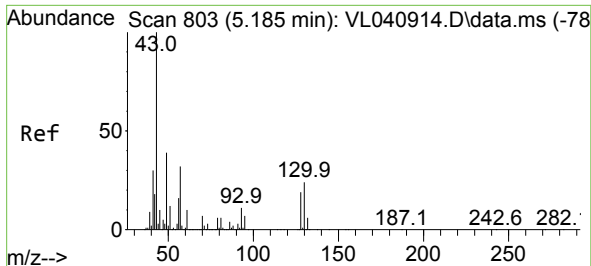
Tgt Ion: 41 Resp: 25306
 Ion Ratio Lower Upper
 41 100
 76 0.0 23.9 35.9#
 39 167.5 66.5 99.7#



#23
 Vinyl Acetate
 Concen: 0.653 ppbv
 RT: 4.610 min Scan# 624
 Delta R.T. -0.000 min
 Lab File: VL040972.D
 Acq: 15 Jan 2024 16:15

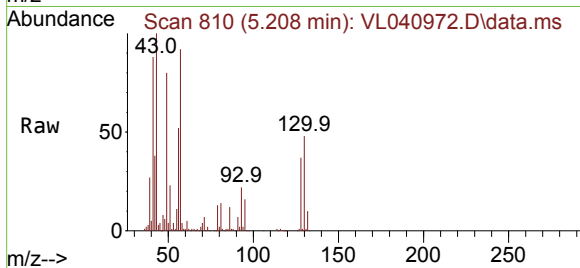
Tgt Ion: 43 Resp: 98585
 Ion Ratio Lower Upper
 43 100
 86 4.5 5.5 8.3#
 42 137.0 8.4 12.6#
 44 1.3 4.2 6.4#



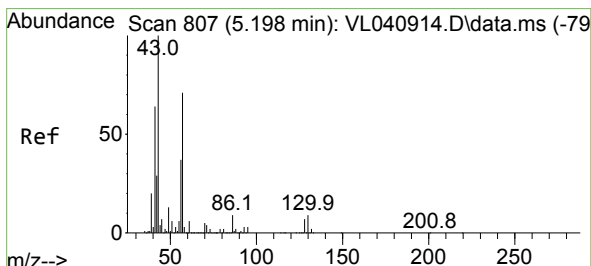
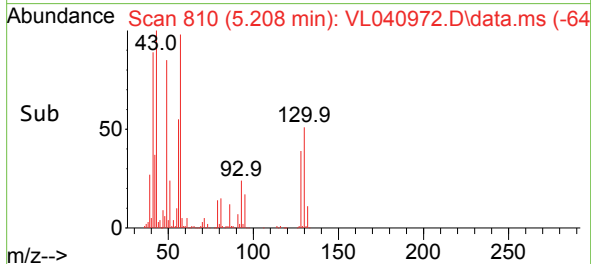
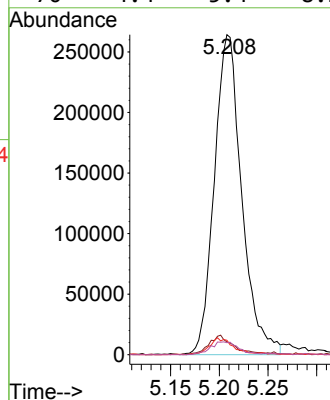


#25
Ethyl Acetate
Concen: 2.179 ppbv
RT: 5.208 min Scan# 810
Delta R.T. 0.019 min
Lab File: VL040972.D
Acq: 15 Jan 2024 16:15

Instrument :
MSVOA_L
ClientSampleId :

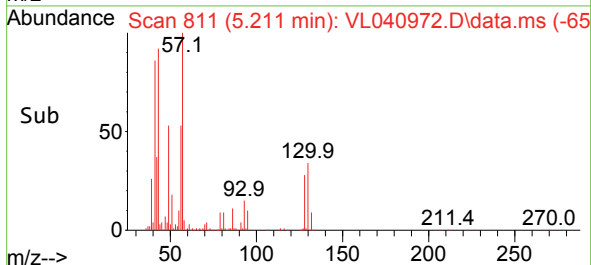
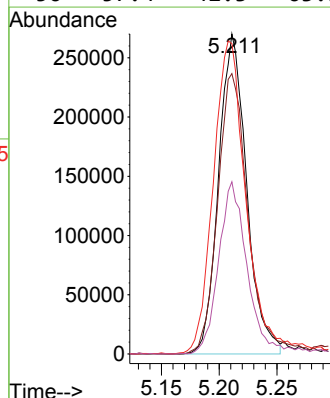
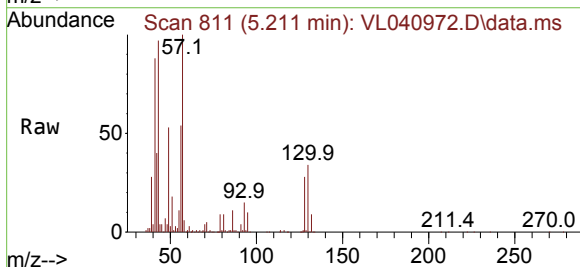


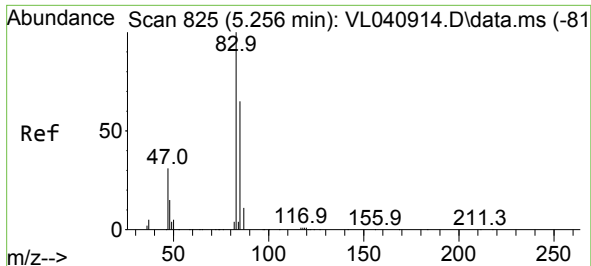
Tgt Ion: 43 Resp: 517009
Ion Ratio Lower Upper
43 100
45 5.9 8.2 12.2#
61 4.9 7.6 11.4#
70 4.4 5.4 8.2#



#26
Hexane
Concen: 4.339 ppbv
RT: 5.211 min Scan# 811
Delta R.T. 0.016 min
Lab File: VL040972.D
Acq: 15 Jan 2024 16:15

Tgt Ion: 57 Resp: 456342
Ion Ratio Lower Upper
57 100
41 95.2 75.2 112.8
43 118.5 188.0 282.0#
56 57.4 42.3 63.5





#29

Chloroform

Concen: 0.106 ppbv

RT: 5.272 min Scan# 81

Delta R.T. 0.013 min

Lab File: VL040972.D

Acq: 15 Jan 2024 16:15

Instrument :

MSVOA_L

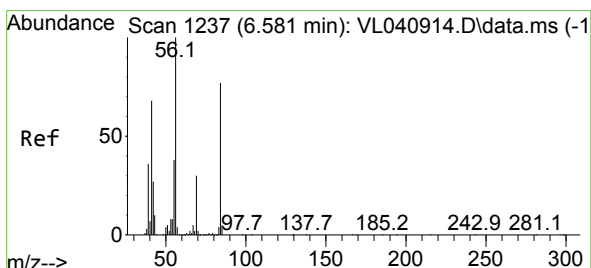
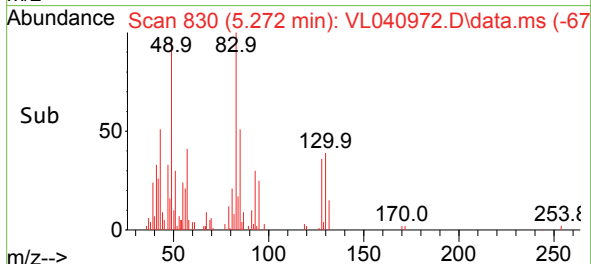
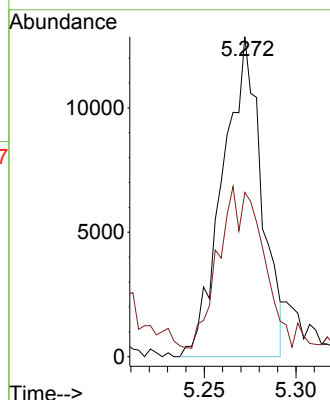
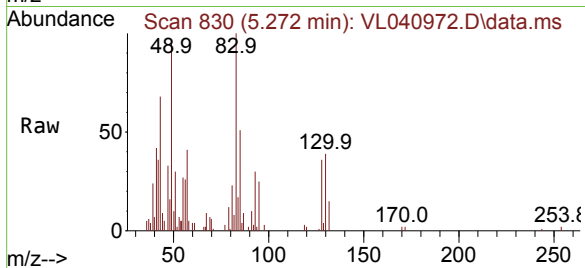
ClientSampleId :

Tgt Ion: 83 Resp: 18814

Ion Ratio Lower Upper

83 100

85 47.9 52.3 78.5#



#30

Cyclohexane

Concen: 0.687 ppbv

RT: 6.594 min Scan# 1241

Delta R.T. 0.010 min

Lab File: VL040972.D

Acq: 15 Jan 2024 16:15

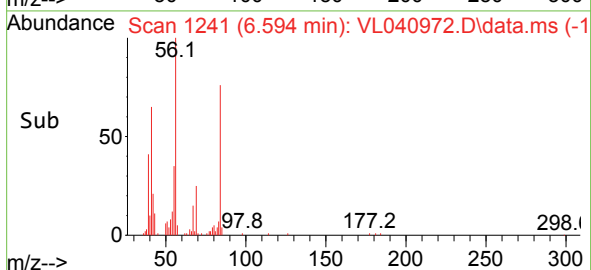
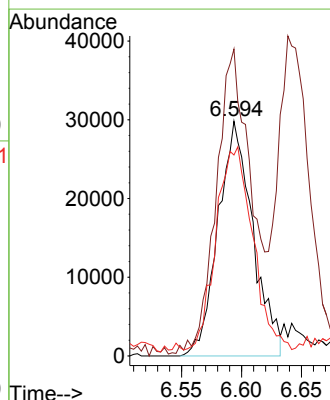
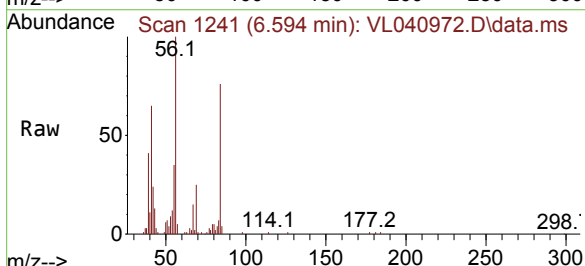
Tgt Ion: 84 Resp: 60252

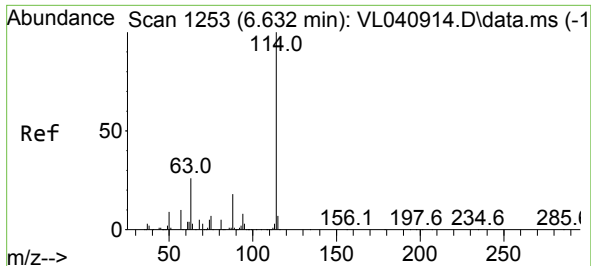
Ion Ratio Lower Upper

84 100

56 128.3 111.4 167.2

41 96.8 70.0 105.0





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.645 min Scan# 11

Delta R.T. 0.010 min

Lab File: VL040972.D

Acq: 15 Jan 2024 16:15

Instrument :

MSVOA_L

ClientSampleId :

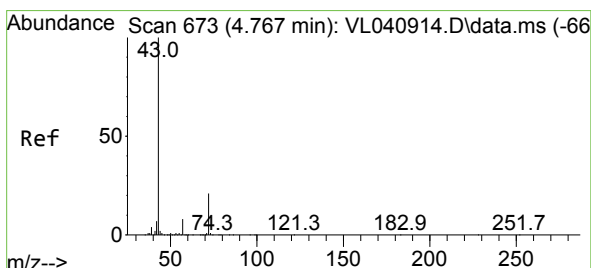
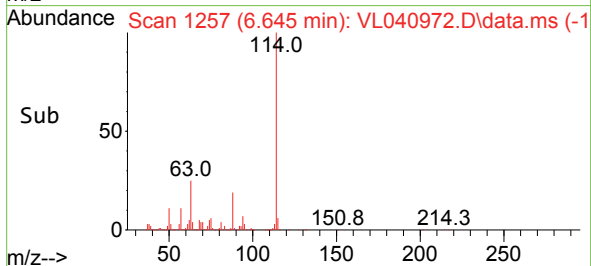
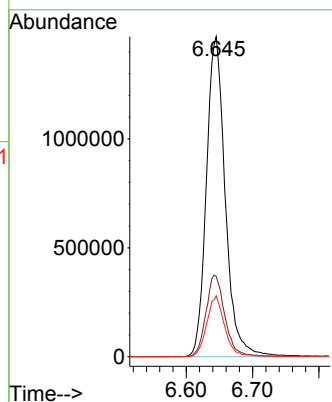
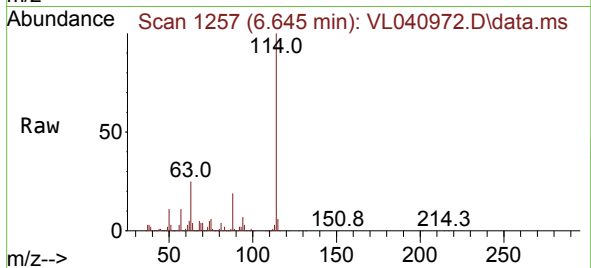
Tgt Ion:114 Resp: 2895763

Ion Ratio Lower Upper

114 100

63 25.8 21.0 31.6

88 18.1 14.3 21.5



#34

2-Butanone

Concen: 0.250 ppbv

RT: 4.790 min Scan# 680

Delta R.T. 0.019 min

Lab File: VL040972.D

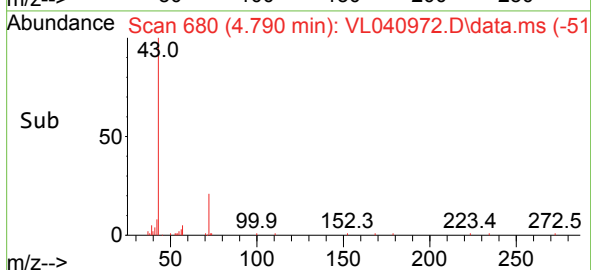
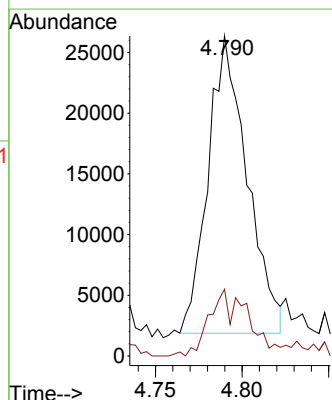
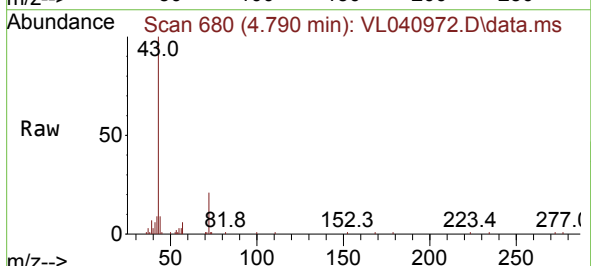
Acq: 15 Jan 2024 16:15

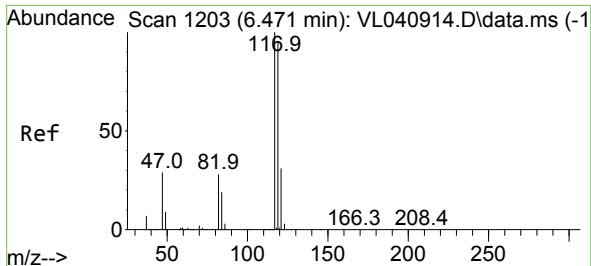
Tgt Ion: 43 Resp: 38352

Ion Ratio Lower Upper

43 100

72 25.9 17.2 25.8#

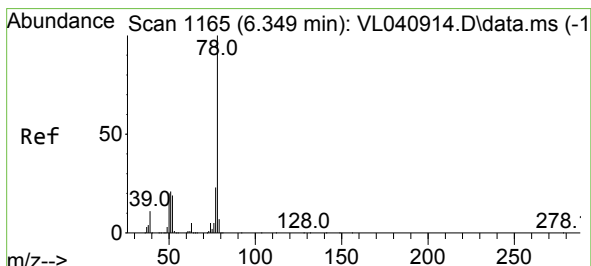
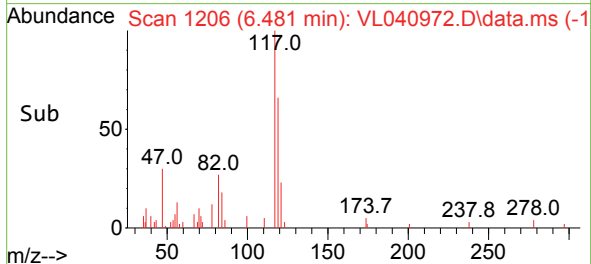
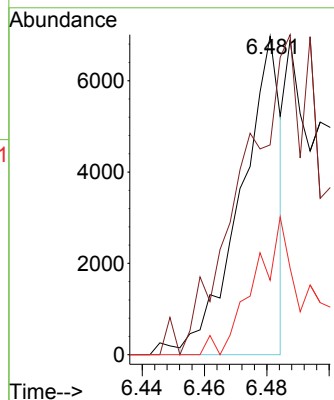
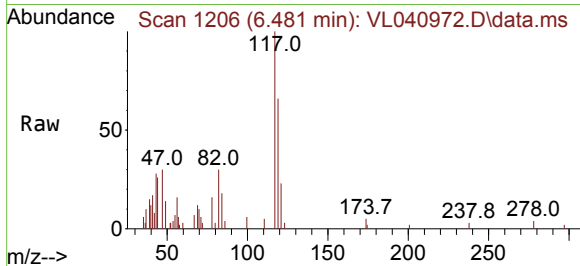




#35
Carbon Tetrachloride
Concen: 0.034 ppbv
RT: 6.481 min Scan# 117
Delta R.T. 0.006 min
Lab File: VL040972.D
Acq: 15 Jan 2024 16:15

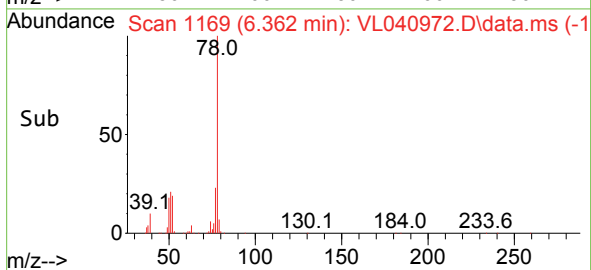
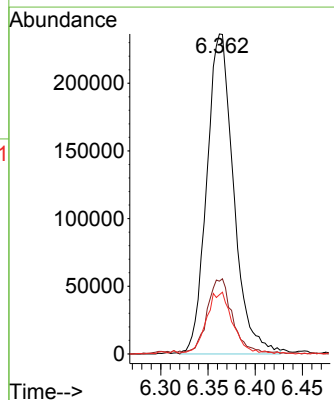
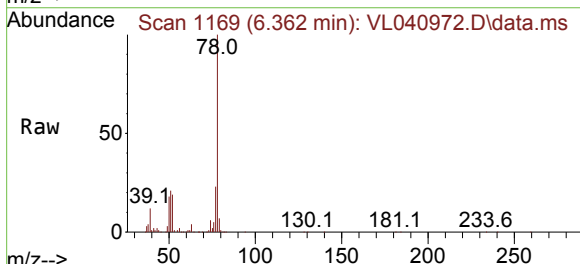
Instrument :
MSVOA_L
ClientSampleId :

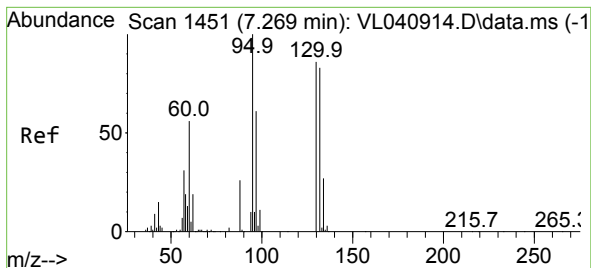
Tgt Ion:117 Resp: 6130
Ion Ratio Lower Upper
117 100
119 67.4 76.3 114.5#
121 23.9 24.9 37.3#



#36
Benzene
Concen: 2.065 ppbv
RT: 6.362 min Scan# 1169
Delta R.T. 0.010 min
Lab File: VL040972.D
Acq: 15 Jan 2024 16:15

Tgt Ion: 78 Resp: 467433
Ion Ratio Lower Upper
78 100
77 22.5 18.4 27.6
50 18.2 16.0 24.0





#38

Trichloroethene

Concen: 0.417 ppbv

RT: 7.282 min Scan# 1451

Delta R.T. 0.013 min

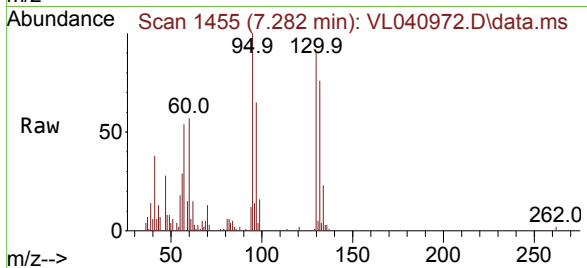
Lab File: VL040972.D

Acq: 15 Jan 2024 16:15

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:130 Resp: 35417

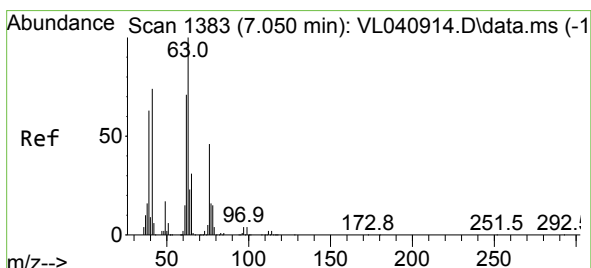
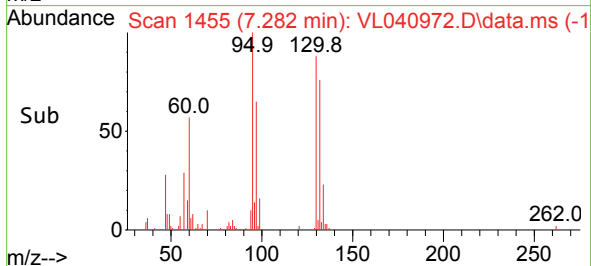
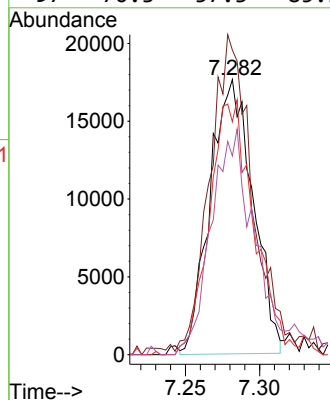
Ion Ratio Lower Upper

130 100

95 107.3 93.5 140.3

132 82.6 77.4 116.2

97 70.3 57.3 85.9



#39

1,2-Dichloropropane

Concen: 8.221 ppbv

RT: 6.642 min Scan# 1256

Delta R.T. -0.412 min

Lab File: VL040972.D

Acq: 15 Jan 2024 16:15

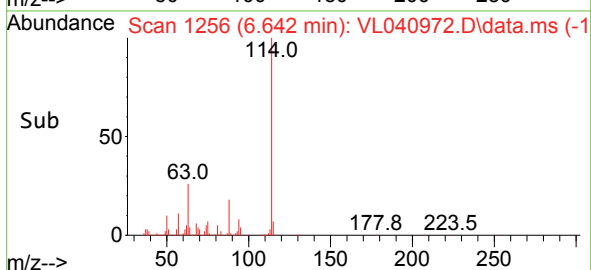
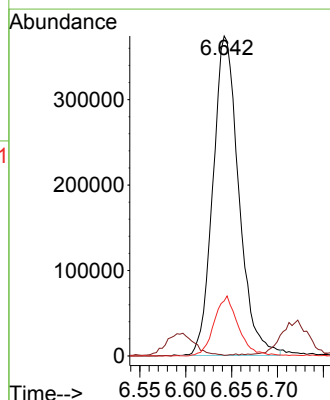
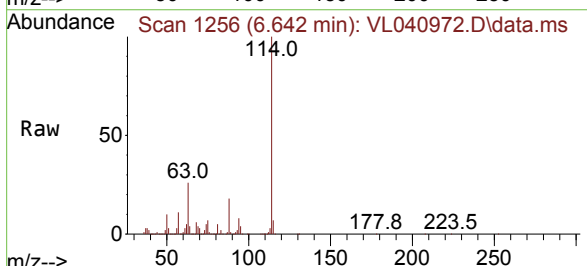
Tgt Ion: 63 Resp: 731357

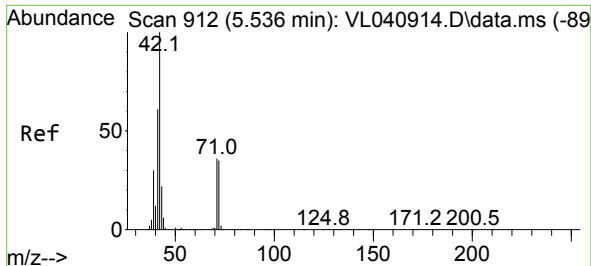
Ion Ratio Lower Upper

63 100

41 0.0 59.0 88.6#

62 17.2 56.6 85.0#

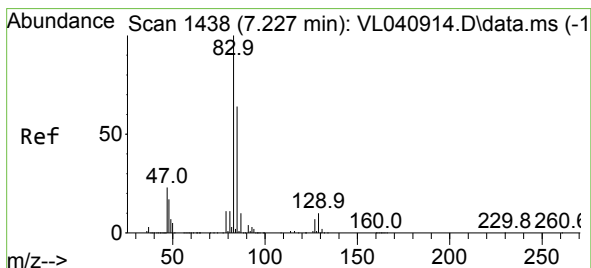
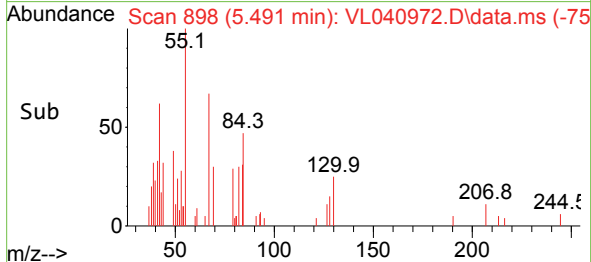
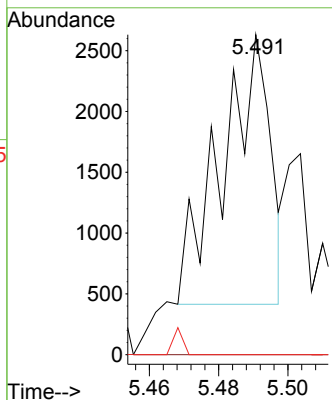
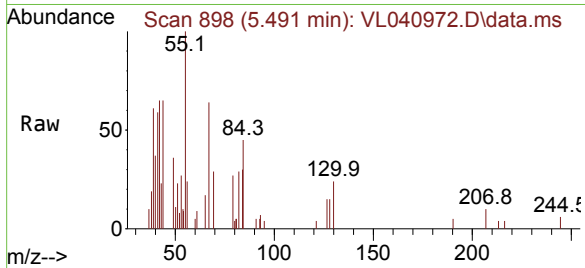




#41
Tetrahydrofuran
Concen: 0.023 ppbv
RT: 5.491 min Scan# 89
Delta R.T. -0.048 min
Lab File: VL040972.D
Acq: 15 Jan 2024 16:15

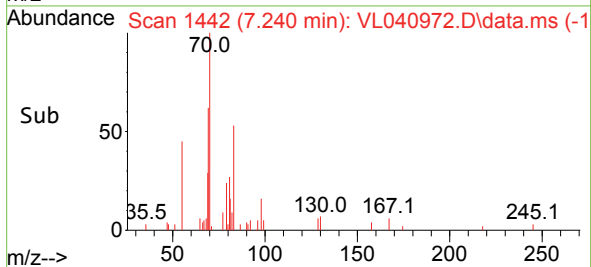
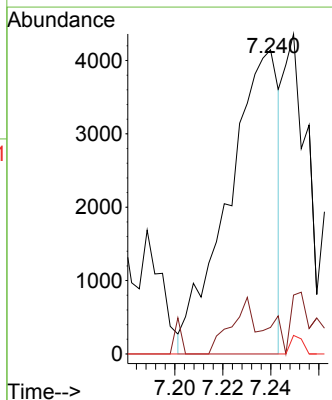
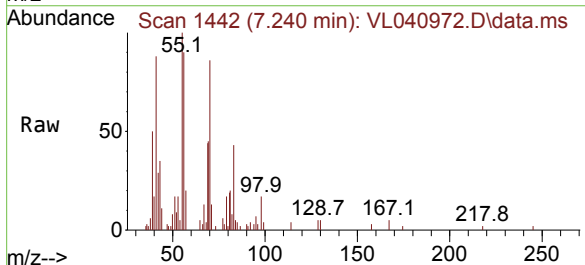
Instrument :
MSVOA_L
ClientSampleId :

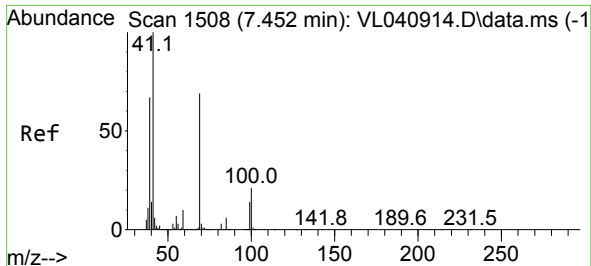
Tgt Ion: 42 Resp: 2147
Ion Ratio Lower Upper
42 100
72 57.8 29.6 44.4#
71 48.9 29.1 43.7#



#42
Bromodichloromethane
Concen: 0.031 ppbv
RT: 7.240 min Scan# 1442
Delta R.T. 0.010 min
Lab File: VL040972.D
Acq: 15 Jan 2024 16:15

Tgt Ion: 83 Resp: 6027
Ion Ratio Lower Upper
83 100
85 0.0 51.4 77.0#
127 0.0 5.9 8.9#

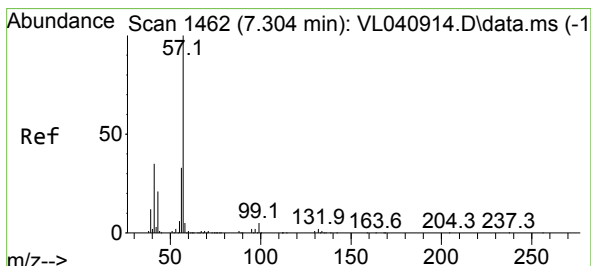
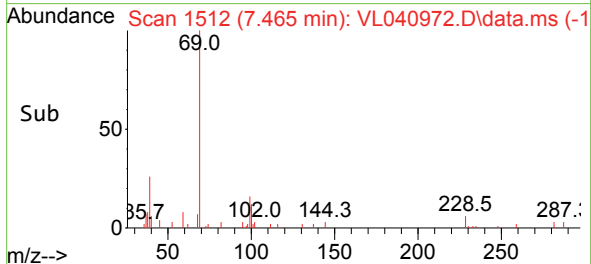
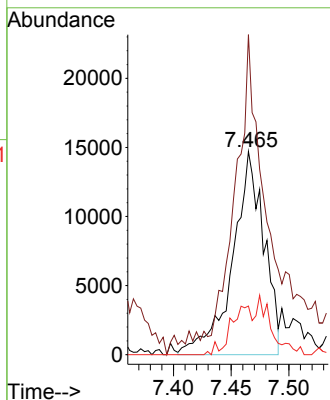
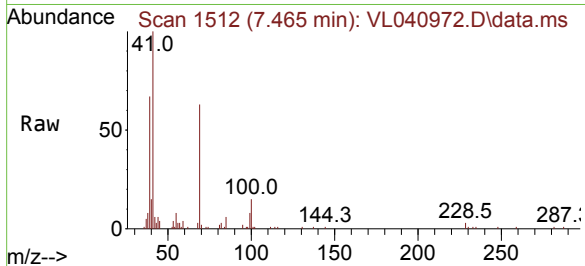




#43
Methyl Methacrylate
Concen: 0.312 ppbv
RT: 7.465 min Scan# 1512
Delta R.T. 0.013 min
Lab File: VL040972.D
Acq: 15 Jan 2024 16:15

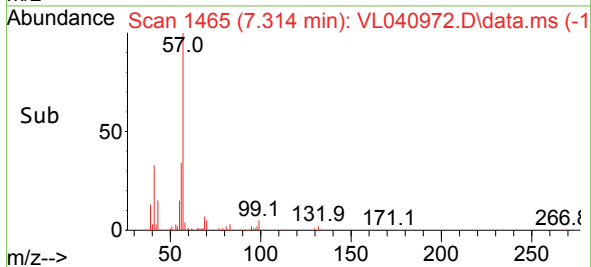
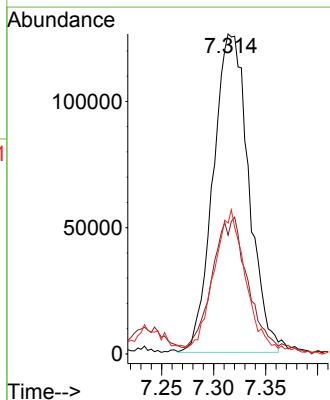
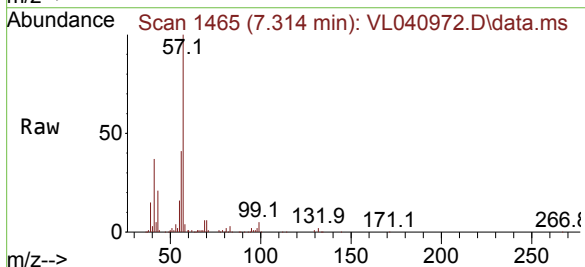
Instrument :
MSVOA_L
ClientSampleId :

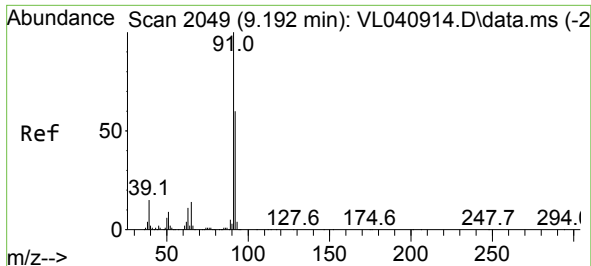
Tgt Ion: 69 Resp: 27709
Ion Ratio Lower Upper
69 100
41 170.7 119.9 179.9
100 30.8 25.1 37.7



#44
2,2,4-Trimethylpentane
Concen: 0.780 ppbv
RT: 7.314 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VL040972.D
Acq: 15 Jan 2024 16:15

Tgt Ion: 57 Resp: 299800
Ion Ratio Lower Upper
57 100
41 43.9 28.2 42.4#
56 42.7 25.3 37.9#





#53

Toluene

Concen: 5.147 ppbv

RT: 9.204 min Scan# 2049

Delta R.T. 0.006 min

Lab File: VL040972.D

Acq: 15 Jan 2024 16:15

Instrument :

MSVOA_L

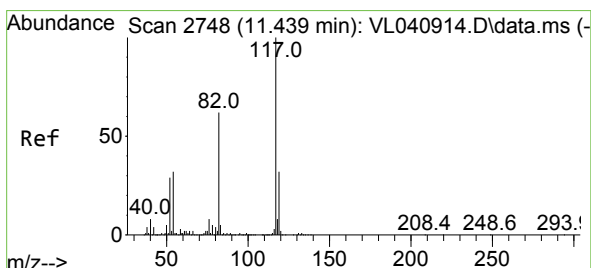
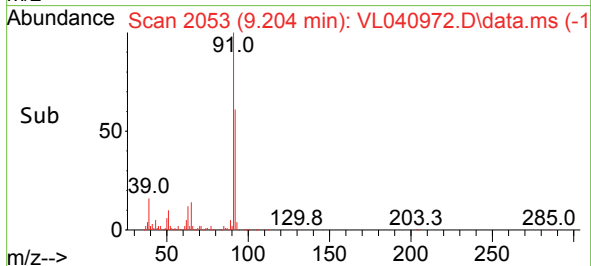
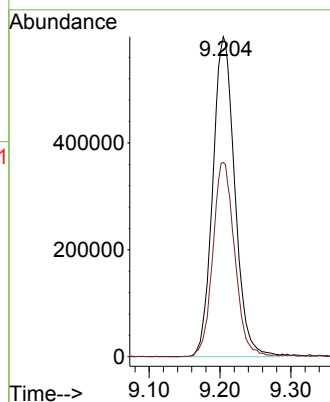
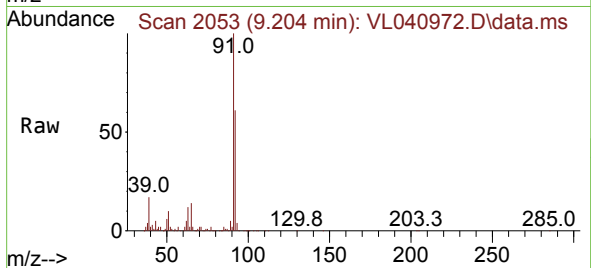
ClientSampleId :

Tgt Ion: 91 Resp: 1291938

Ion Ratio Lower Upper

91 100

92 60.7 49.2 73.8



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.445 min Scan# 2750

Delta R.T. 0.003 min

Lab File: VL040972.D

Acq: 15 Jan 2024 16:15

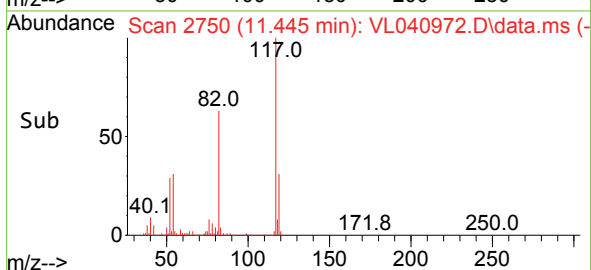
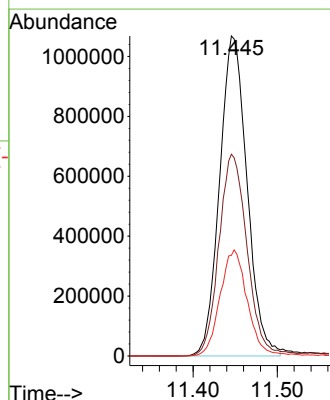
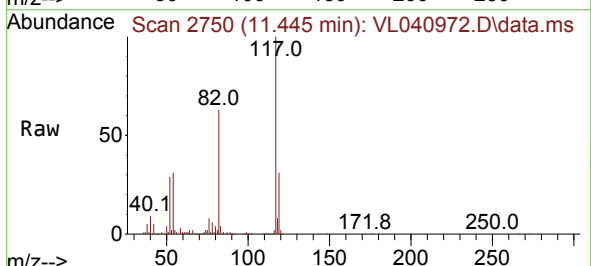
Tgt Ion: 117 Resp: 2414138

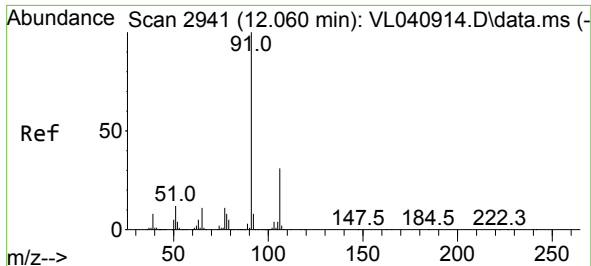
Ion Ratio Lower Upper

117 100

82 66.1 49.6 74.4

119 33.4 23.4 35.0

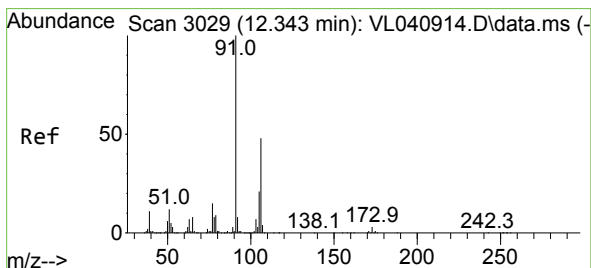
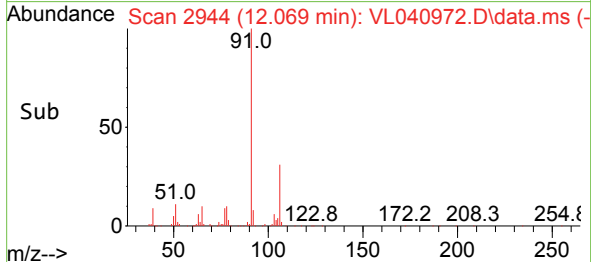
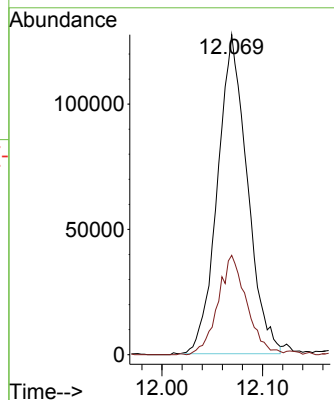
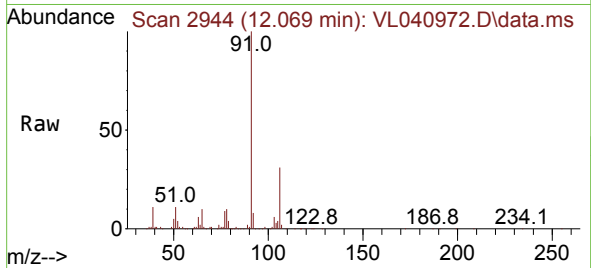




#58
Ethyl Benzene
Concen: 0.845 ppbv
RT: 12.069 min Scan# 2941
Delta R.T. 0.006 min
Lab File: VL040972.D
Acq: 15 Jan 2024 16:15

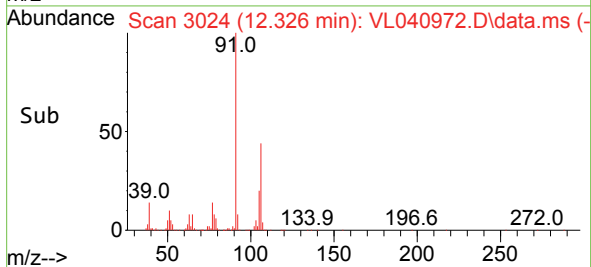
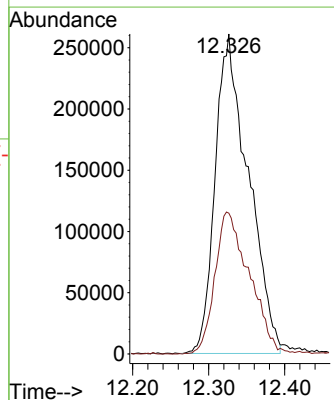
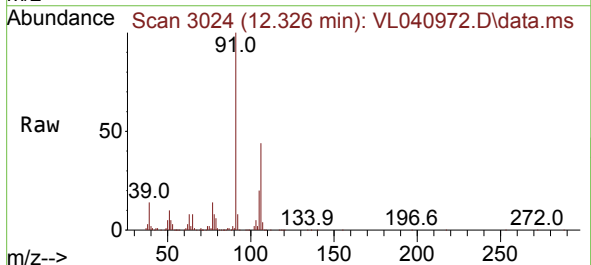
Instrument :
MSVOA_L
ClientSampleId :

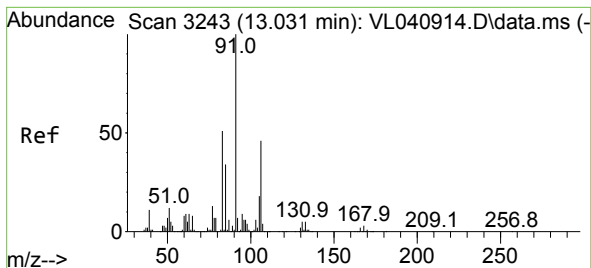
Tgt Ion: 91 Resp: 262049
Ion Ratio Lower Upper
91 100
106 30.8 24.9 37.3



#59
m/p-Xylene
Concen: 2.993 ppbv
RT: 12.326 min Scan# 3024
Delta R.T. -0.023 min
Lab File: VL040972.D
Acq: 15 Jan 2024 16:15

Tgt Ion: 91 Resp: 789353
Ion Ratio Lower Upper
91 100
106 46.5 0.0 0.0#





#60

o-Xylene

Concen: 1.183 ppbv

RT: 13.037 min Scan# 3195

Delta R.T. 0.003 min

Lab File: VL040972.D

Acq: 15 Jan 2024 16:15

Instrument :

MSVOA_L

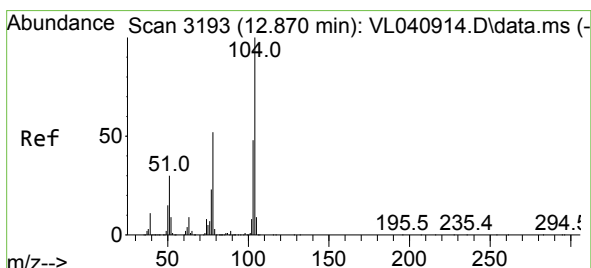
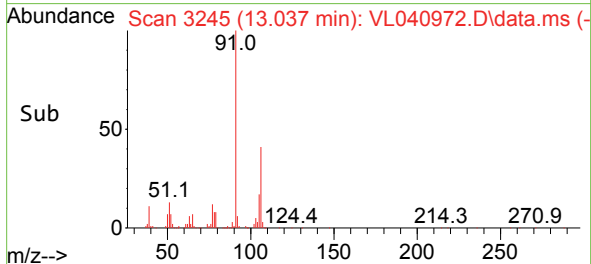
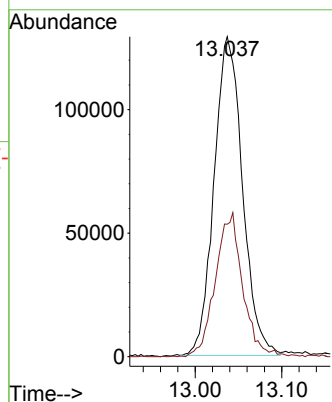
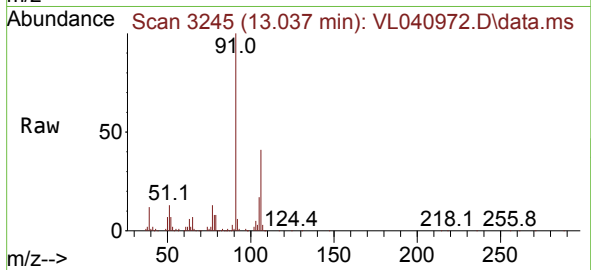
ClientSampleId :

Tgt Ion: 91 Resp: 293972

Ion Ratio Lower Upper

91 100

106 43.4 22.6 67.7



#61

Styrene

Concen: 0.143 ppbv

RT: 12.876 min Scan# 3195

Delta R.T. -0.000 min

Lab File: VL040972.D

Acq: 15 Jan 2024 16:15

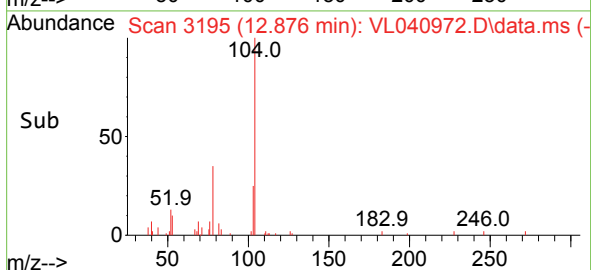
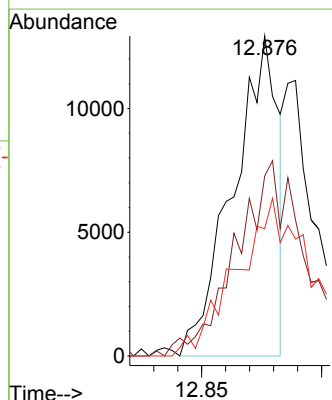
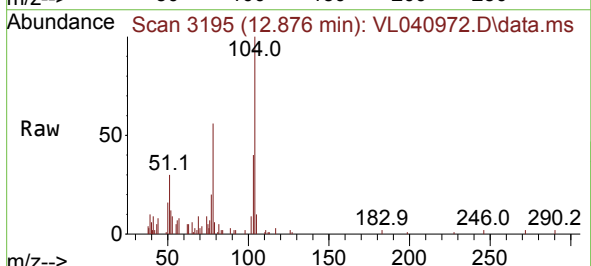
Tgt Ion: 104 Resp: 16897

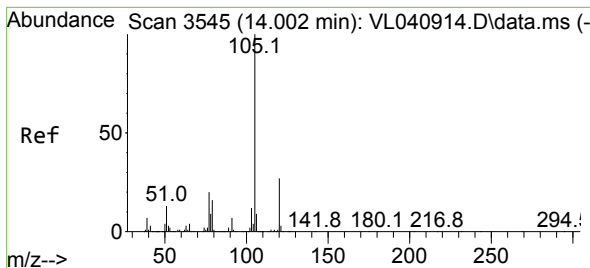
Ion Ratio Lower Upper

104 100

78 99.2 43.0 64.4#

103 86.2 37.6 56.4#





#62

Isopropylbenzene

Concen: 0.084 ppbv

RT: 14.008 min Scan# 3545

Delta R.T. 0.003 min

Lab File: VL040972.D

Acq: 15 Jan 2024 16:15

Instrument :

MSVOA_L

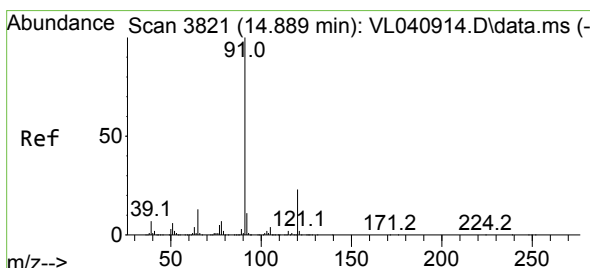
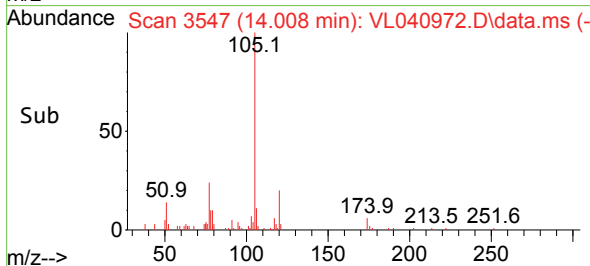
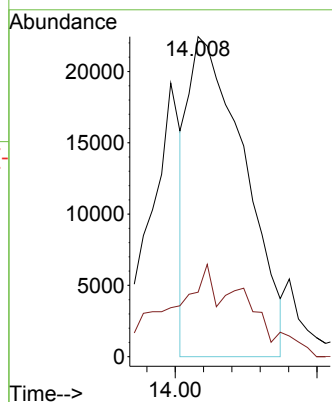
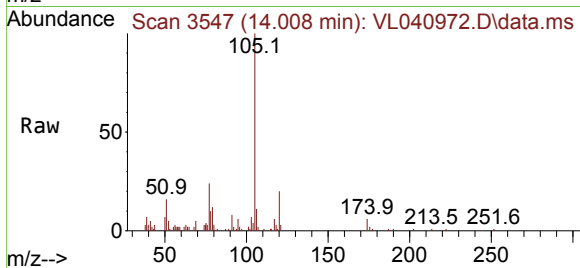
ClientSampleId :

Tgt Ion:105 Resp: 30942

Ion Ratio Lower Upper

105 100

120 41.4 20.7 31.1#



#64

n-propylbenzene

Concen: 0.029 ppbv

RT: 14.896 min Scan# 3823

Delta R.T. 0.003 min

Lab File: VL040972.D

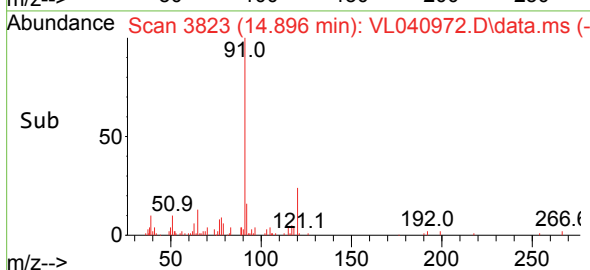
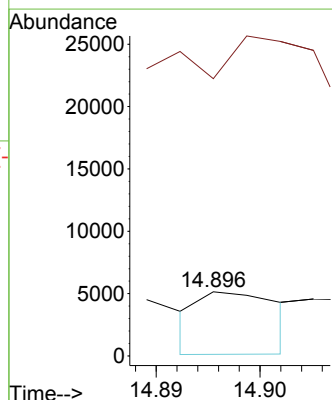
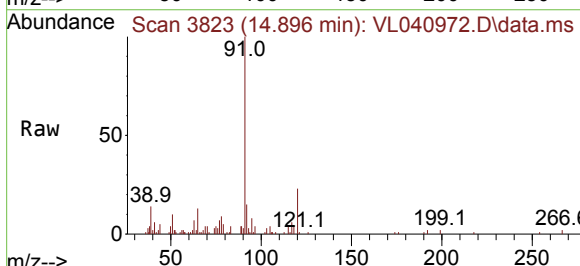
Acq: 15 Jan 2024 16:15

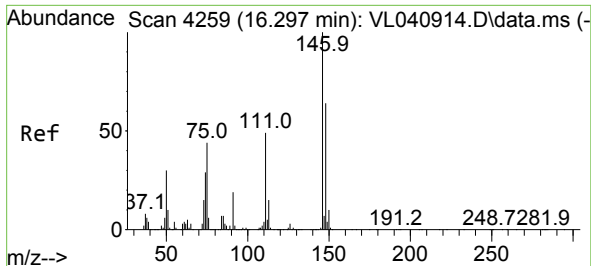
Tgt Ion:120 Resp: 2686

Ion Ratio Lower Upper

120 100

91 2466.4 381.9 572.9#

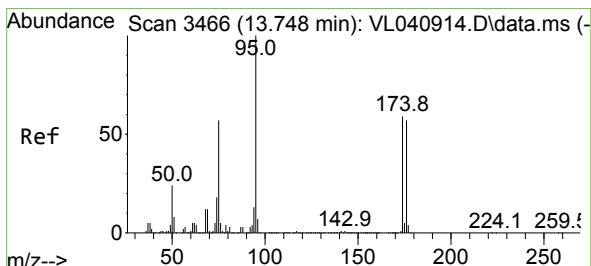
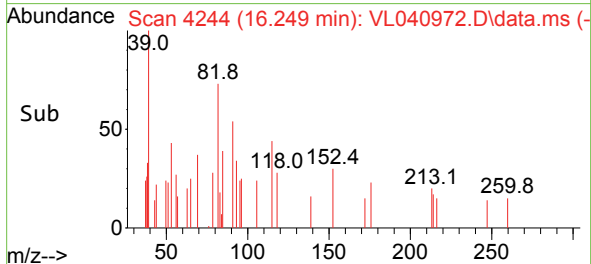
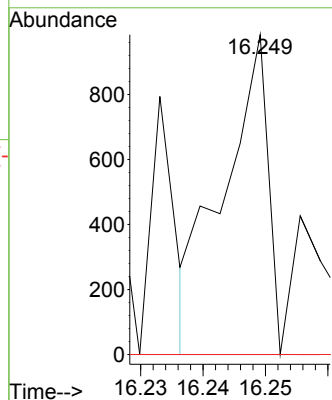
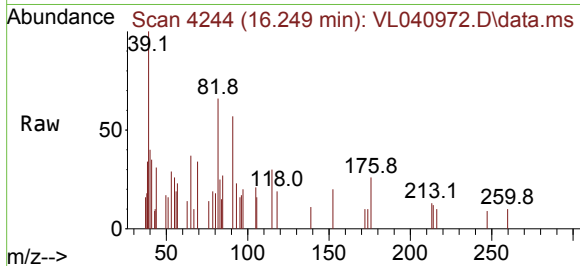




#66
Benzyl Chloride
Concen: 0.023 ppbv
RT: 16.249 min Scan# 41
Delta R.T. -0.048 min
Lab File: VL040972.D
Acq: 15 Jan 2024 16:15

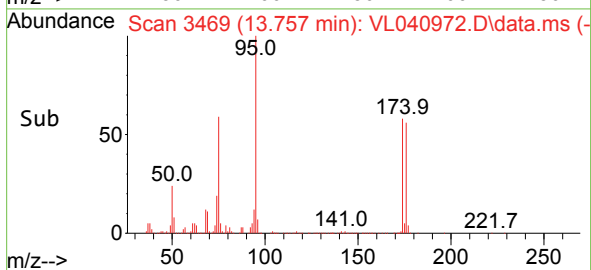
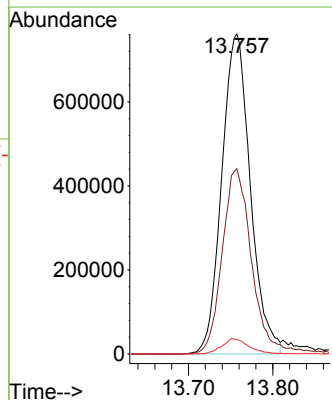
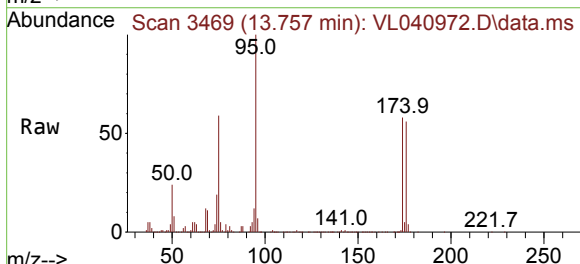
Instrument :
MSVOA_L
ClientSampleId :

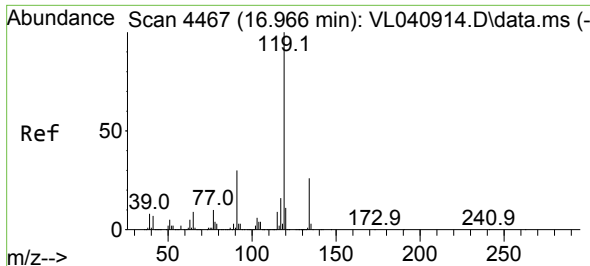
Tgt Ion: 91 Resp: 487
Ion Ratio Lower Upper
91 100
126 6.6 14.1 21.1#
128 0.0 4.6 6.8#



#68
1-Bromo-4-Fluorobenzene
Concen: 10.092 ppbv
RT: 13.757 min Scan# 3469
Delta R.T. 0.003 min
Lab File: VL040972.D
Acq: 15 Jan 2024 16:15

Tgt Ion: 95 Resp: 1794605
Ion Ratio Lower Upper
95 100
174 60.9 48.0 72.0
175 4.6 3.7 5.5

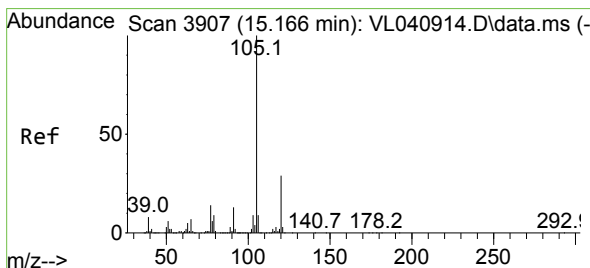
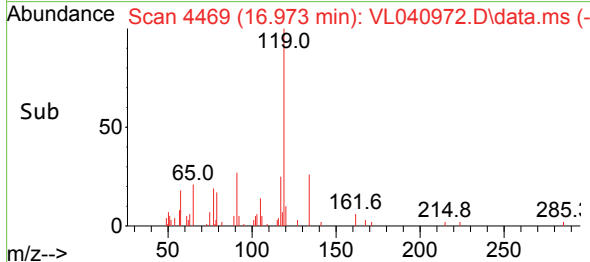
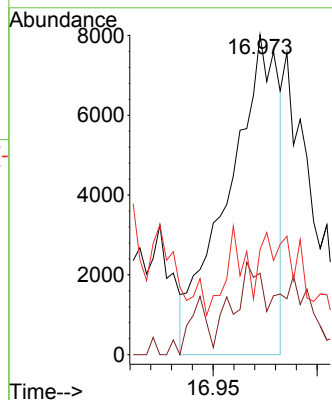
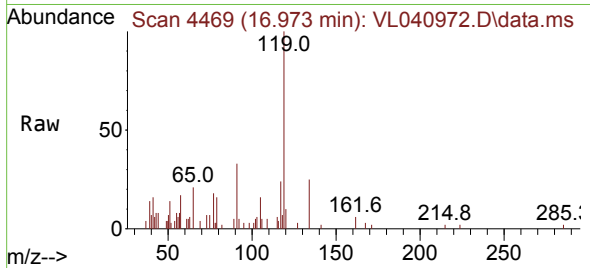




#69
p-Isopropyltoluene
Concen: 0.038 ppbv
RT: 16.973 min Scan# 4469
Delta R.T. 0.003 min
Lab File: VL040972.D
Acq: 15 Jan 2024 16:15

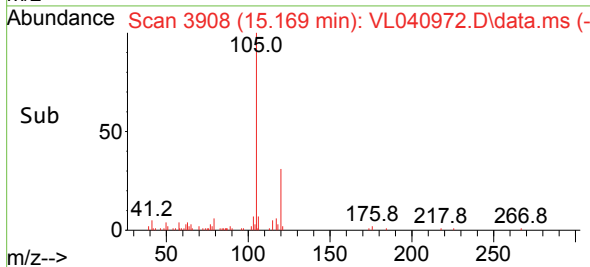
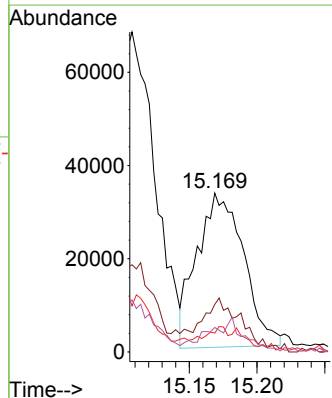
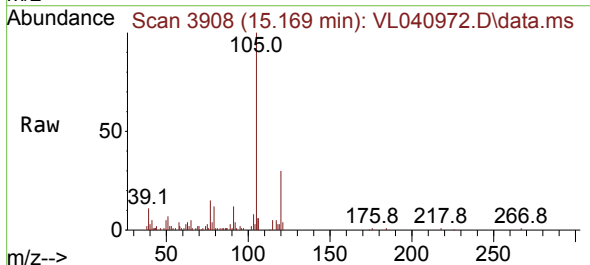
Instrument :
MSVOA_L
ClientSampleId :

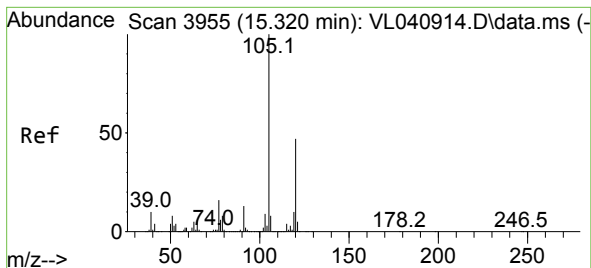
Tgt Ion:119 Resp: 13507
Ion Ratio Lower Upper
119 100
134 41.9 20.3 30.5#
91 58.6 24.1 36.1#



#72
4-Ethyltoluene
Concen: 0.290 ppbv
RT: 15.169 min Scan# 3908
Delta R.T. -0.000 min
Lab File: VL040972.D
Acq: 15 Jan 2024 16:15

Tgt Ion:105 Resp: 79198
Ion Ratio Lower Upper
105 100
120 31.1 23.8 35.8
91 16.5 10.9 16.3#
77 18.0 11.6 17.4#





#73

1,3,5-Trimethylbenzene

Concen: 0.269 ppbv

RT: 15.333 min Scan# 3959

Delta R.T. 0.003 min

Lab File: VL040972.D

Acq: 15 Jan 2024 16:15

Instrument :

MSVOA_L

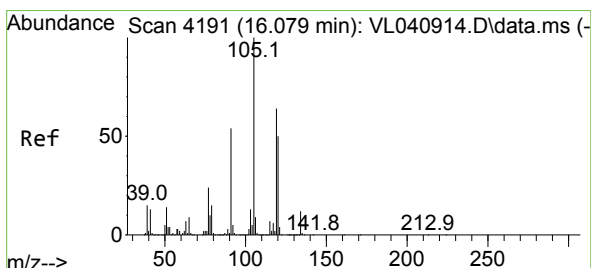
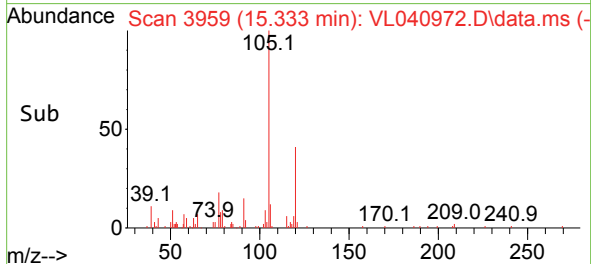
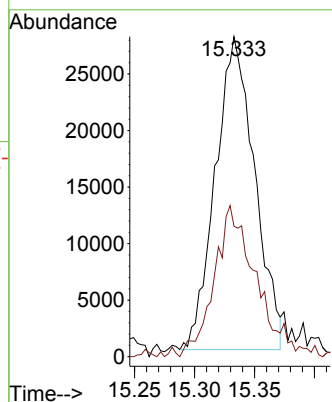
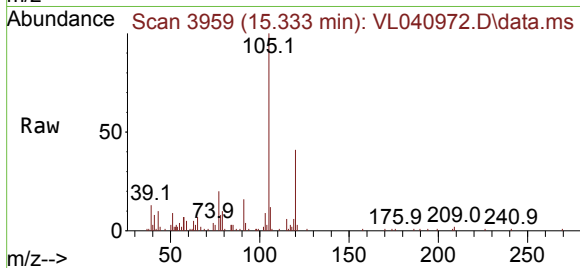
ClientSampleId :

Tgt Ion:105 Resp: 63209

Ion Ratio Lower Upper

105 100

120 44.7 37.8 56.8



#74

1,2,4-Trimethylbenzene

Concen: 0.981 ppbv

RT: 16.088 min Scan# 4194

Delta R.T. 0.003 min

Lab File: VL040972.D

Acq: 15 Jan 2024 16:15

Tgt Ion:105 Resp: 256896

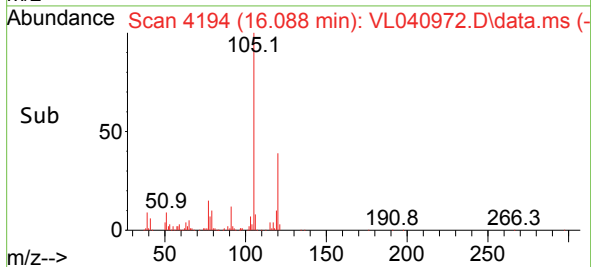
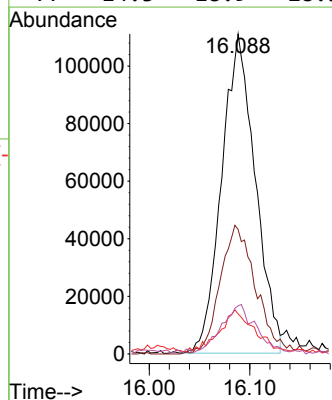
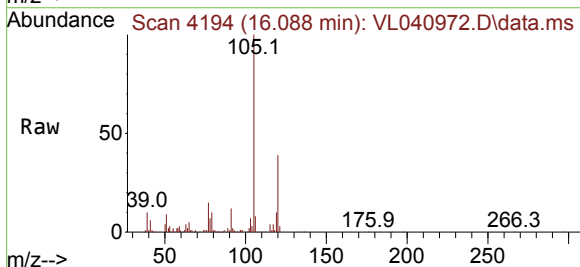
Ion Ratio Lower Upper

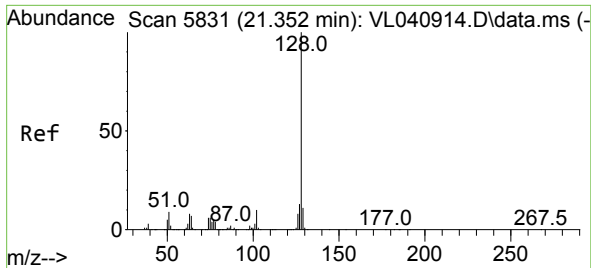
105 100

120 39.0 40.2 60.4#

91 11.4 43.0 64.6#

77 14.3 18.9 28.3#





#79

Naphthalene

Concen: 0.022 ppbv

RT: 21.361 min Scan# 5834

Delta R.T. 0.003 min

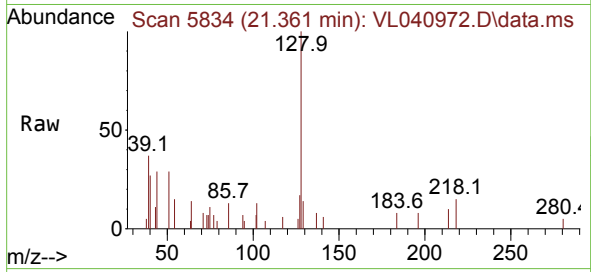
Lab File: VL040972.D

Acq: 15 Jan 2024 16:15

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:128 Resp: 2838

Ion Ratio Lower Upper

128 100

127 32.0 10.6 15.8#

129 0.0 8.7 13.1#

