

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011524\
 Data File : VL040970.D
 Acq On : 15 Jan 2024 14:54
 Operator : SY/MD
 Sample : P1138-03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jan 16 03:36:01 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	1149579	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	6.642	114	2823039	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.446	117	2343486	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.757	95	1797685	10.414	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.100%

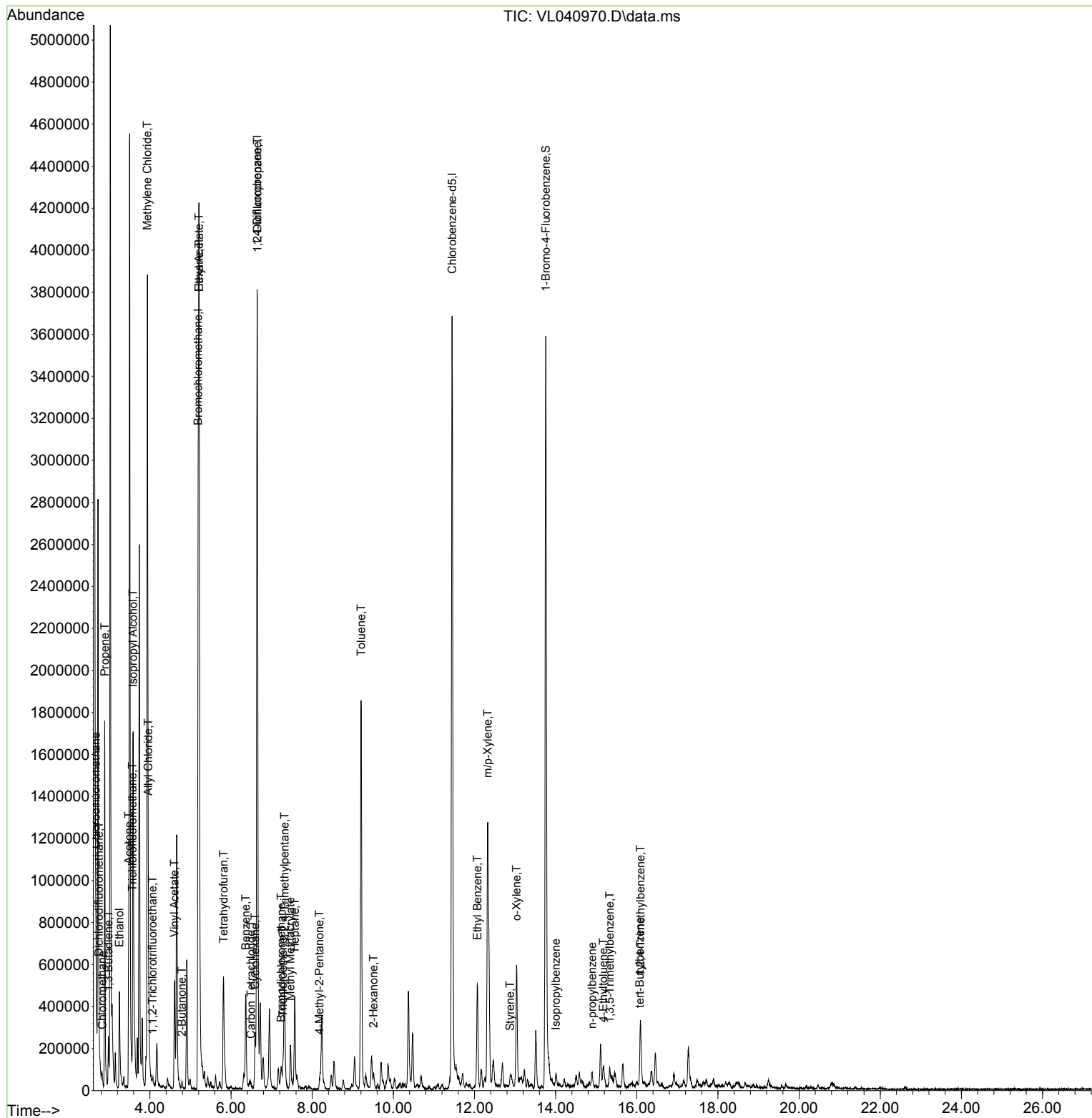
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.745	85	106682	0.487	ppbv	96
3) Chlorodifluoromethane	2.665	51	97601	0.564	ppbv #	75
4) Chloromethane	2.825	50	30242	0.474	ppbv	91
9) Propene	2.886	41	479331	8.398	ppbv	93
10) Heptane	7.568	43	165408	1.166	ppbv	93
11) Trichlorofluoromethane	3.571	101	41324	0.241	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.063	101	3287	0.025	ppbv #	15
13) Ethanol	3.247	45	455179	31.610	ppbv	100
15) Acetone	3.478	43	411395	2.984	ppbv #	52
16) 1,3-Butadiene	2.976	39	70427	1.186	ppbv #	61
19) Isopropyl Alcohol	3.584	45	1783691	24.793	ppbv	100
20) Methylene Chloride	3.938	84	1303300	26.520	ppbv	98
21) Allyl Chloride	3.957	41	77593	0.952	ppbv #	65
23) Vinyl Acetate	4.607	43	153910	1.012	ppbv #	1
25) Ethyl Acetate	5.211	43	1063149	4.450	ppbv #	78
26) Hexane	5.211	57	1436105	13.564	ppbv #	41
30) Cyclohexane	6.594	84	74877	0.848	ppbv	90
34) 2-Butanone	4.787	43	29240	0.196	ppbv #	84
35) Carbon Tetrachloride	6.488	117	4221	0.024	ppbv #	64
36) Benzene	6.362	78	351174	1.591	ppbv	99
38) Trichloroethene	7.279	130	12008	0.145	ppbv #	89
39) 1,2-Dichloropropane	6.645	63	719149	8.292	ppbv #	23
41) Tetrahydrofuran	5.819	42	21432	0.236	ppbv #	39
42) Bromodichloromethane	7.237	83	4037	0.021	ppbv #	45
43) Methyl Methacrylate	7.462	69	65588	0.758	ppbv #	63
44) 2,2,4-Trimethylpentane	7.317	57	369205	0.985	ppbv #	79
50) 4-Methyl-2-Pentanone	8.179	43	7635	0.034	ppbv #	40
51) 2-Hexanone	9.513	43	22261	0.137	ppbv #	30
53) Toluene	9.204	91	1356477	5.543	ppbv	99
58) Ethyl Benzene	12.069	91	440422	1.463	ppbv	99
59) m/p-Xylene	12.327	91	1343073	5.246	ppbv #	100
60) o-Xylene	13.037	91	446211	1.850	ppbv	98
61) Styrene	12.880	104	9014	0.079	ppbv #	43
62) Isopropylbenzene	14.005	105	48375	0.135	ppbv	96
64) n-propylbenzene	14.896	120	6837	0.076	ppbv #	1
65) tert-Butylbenzene	16.072	119	6536	0.021	ppbv #	17
72) 4-Ethyltoluene	15.172	105	42879	0.162	ppbv #	57
73) 1,3,5-Trimethylbenzene	15.333	105	33022	0.145	ppbv	100
74) 1,2,4-Trimethylbenzene	16.092	105	111773	0.439	ppbv #	69

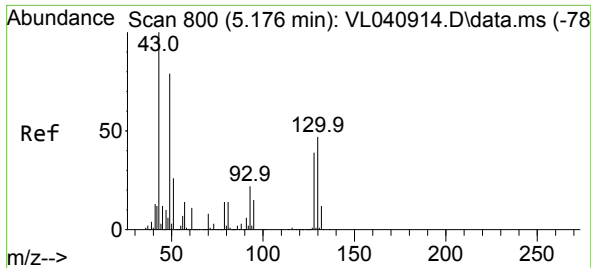
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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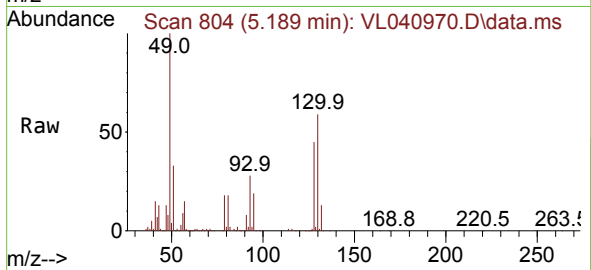
Quant Time: Jan 16 03:36:01 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL122023AIR.M
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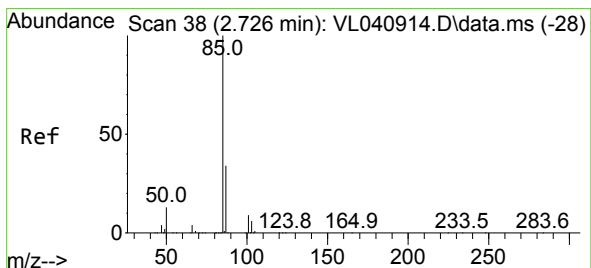
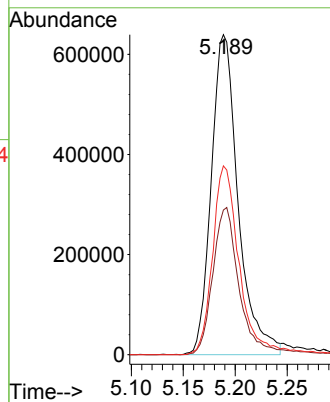
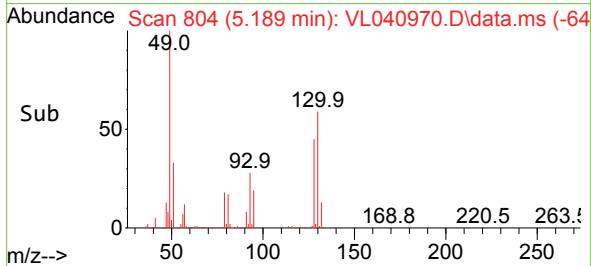


#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.189 min Scan# 80
 Delta R.T. 0.013 min
 Lab File: VL040970.D
 Acq: 15 Jan 2024 14:54

Instrument :
 MSVOA_L
 ClientSampleId :

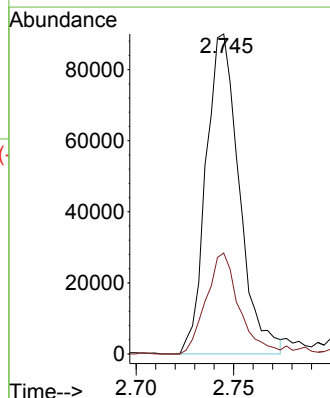
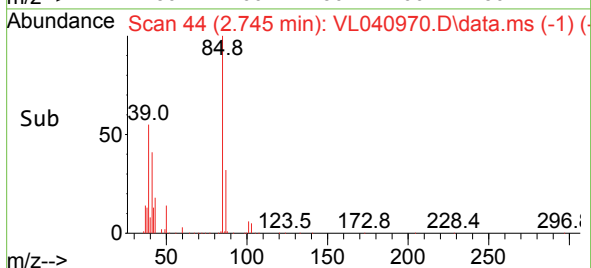
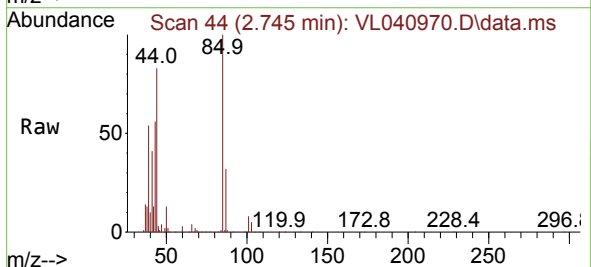


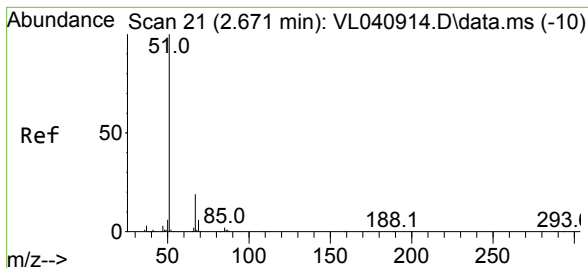
Tgt Ion: 49 Resp: 1149579
 Ion Ratio Lower Upper
 49 100
 128 46.3 23.8 71.2
 130 60.0 30.1 90.5



#2
 Dichlorodifluoromethane
 Concen: 0.487 ppbv
 RT: 2.745 min Scan# 44
 Delta R.T. 0.022 min
 Lab File: VL040970.D
 Acq: 15 Jan 2024 14:54

Tgt Ion: 85 Resp: 106682
 Ion Ratio Lower Upper
 85 100
 87 31.6 27.0 40.6

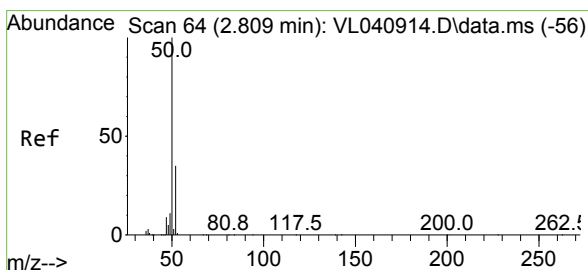
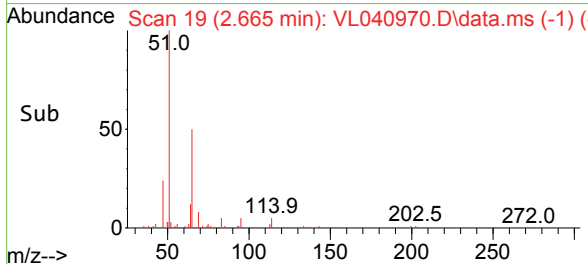
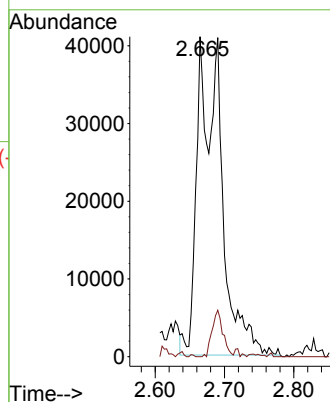
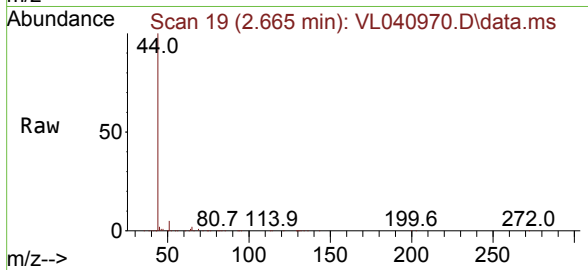




#3
Chlorodifluoromethane
Concen: 0.564 ppbv
RT: 2.665 min Scan# 19
Delta R.T. -0.003 min
Lab File: VL040970.D
Acq: 15 Jan 2024 14:54

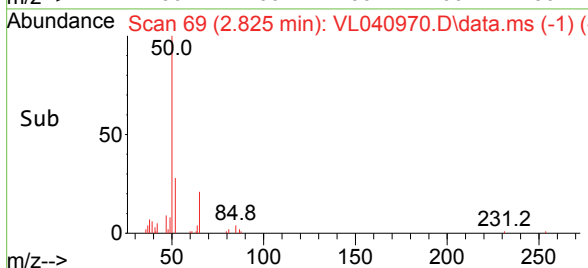
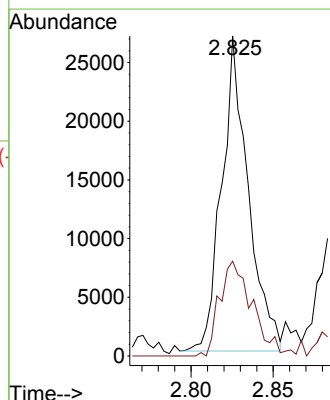
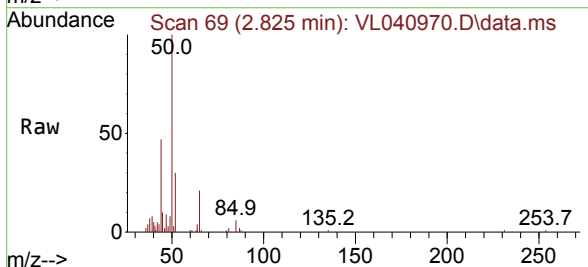
Instrument :
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ClientSampleId :

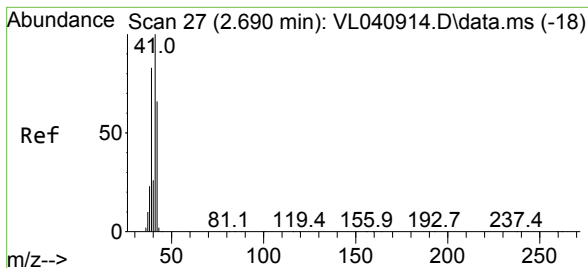
Tgt Ion: 51 Resp: 97601
Ion Ratio Lower Upper
51 100
67 7.0 14.7 22.1#



#4
Chloromethane
Concen: 0.474 ppbv
RT: 2.825 min Scan# 69
Delta R.T. 0.019 min
Lab File: VL040970.D
Acq: 15 Jan 2024 14:54

Tgt Ion: 50 Resp: 30242
Ion Ratio Lower Upper
50 100
52 30.1 28.0 42.0





#9

Propene

Concen: 8.398 ppbv

RT: 2.886 min Scan# 81

Delta R.T. 0.199 min

Lab File: VL040970.D

Acq: 15 Jan 2024 14:54

Instrument :

MSVOA_L

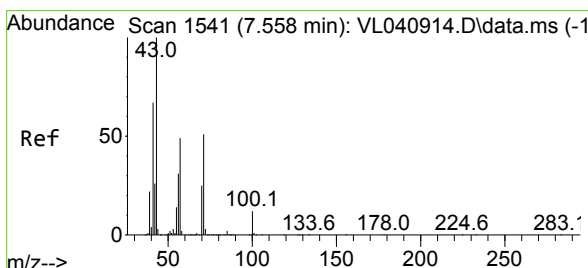
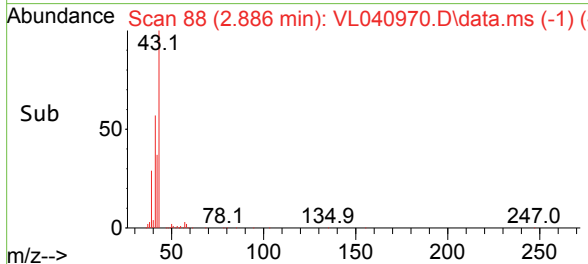
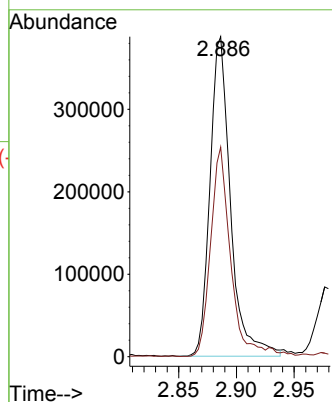
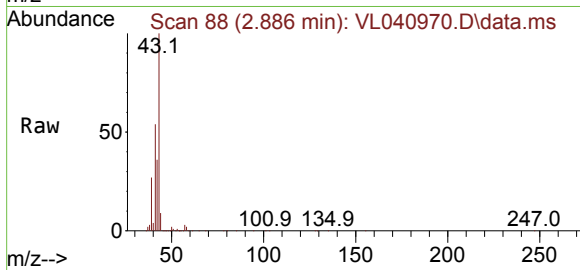
ClientSampleId :

Tgt Ion: 41 Resp: 479331

Ion Ratio Lower Upper

41 100

42 63.8 55.8 83.6



#10

Heptane

Concen: 1.166 ppbv

RT: 7.568 min Scan# 1544

Delta R.T. 0.010 min

Lab File: VL040970.D

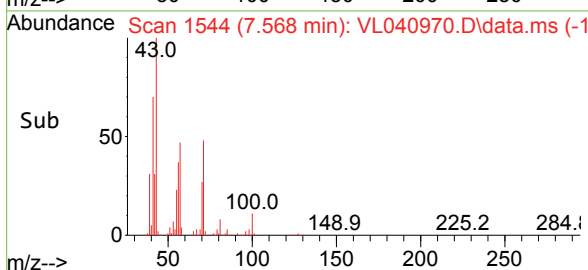
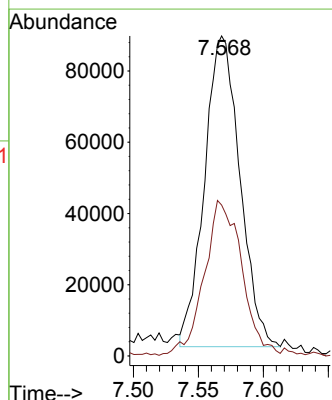
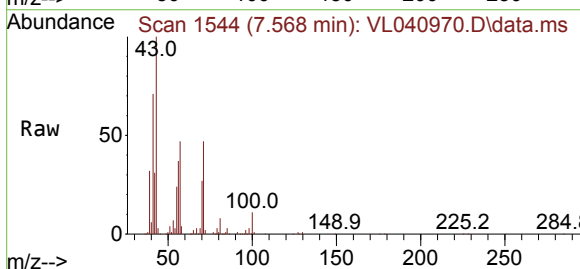
Acq: 15 Jan 2024 14:54

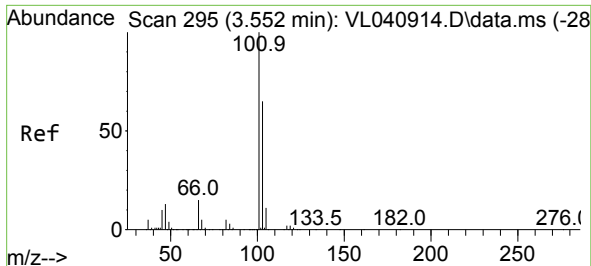
Tgt Ion: 43 Resp: 165408

Ion Ratio Lower Upper

43 100

57 53.8 39.3 58.9

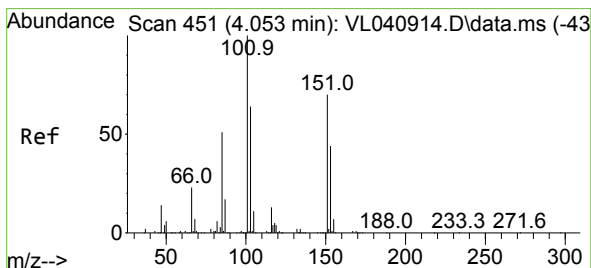
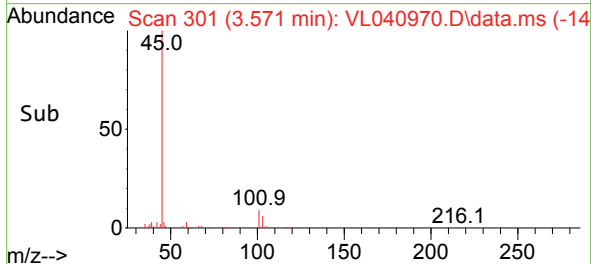
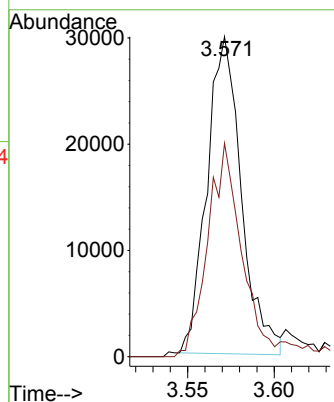
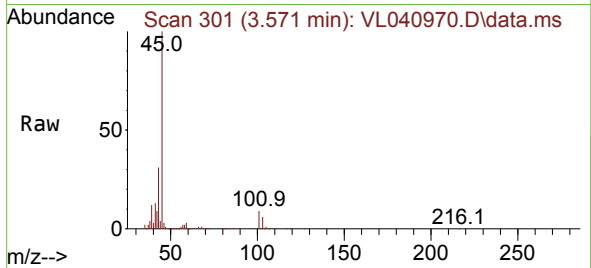




#11
 Trichlorofluoromethane
 Concen: 0.241 ppbv
 RT: 3.571 min Scan# 301
 Delta R.T. 0.019 min
 Lab File: VL040970.D
 Acq: 15 Jan 2024 14:54

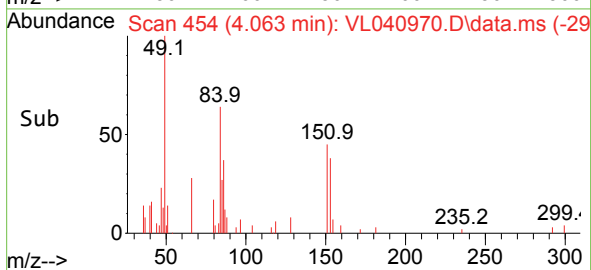
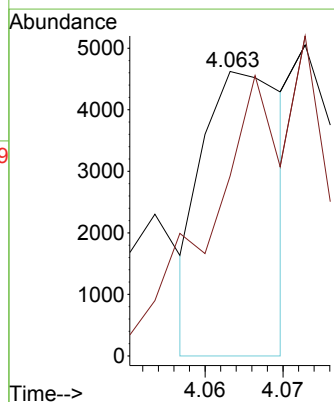
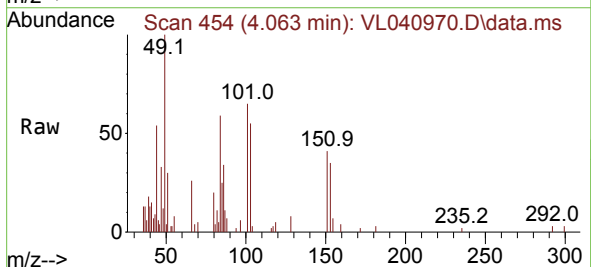
Instrument :
 MSVOA_L
 ClientSampleId :

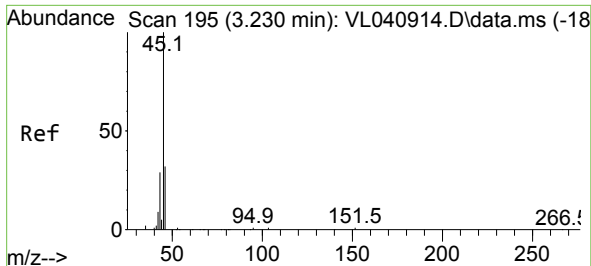
Tgt Ion:101 Resp: 41324
 Ion Ratio Lower Upper
 101 100
 103 65.6 51.9 77.9



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.025 ppbv
 RT: 4.063 min Scan# 454
 Delta R.T. 0.010 min
 Lab File: VL040970.D
 Acq: 15 Jan 2024 14:54

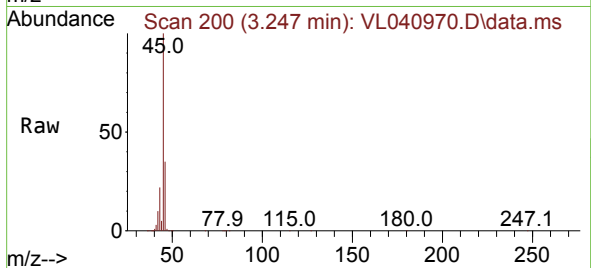
Tgt Ion:101 Resp: 3287
 Ion Ratio Lower Upper
 101 100
 151 0.0 55.8 83.8#



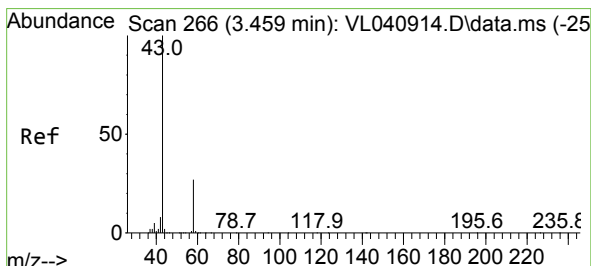
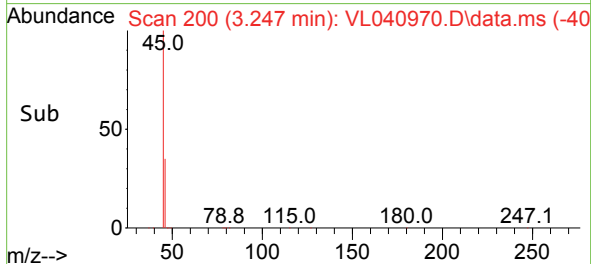
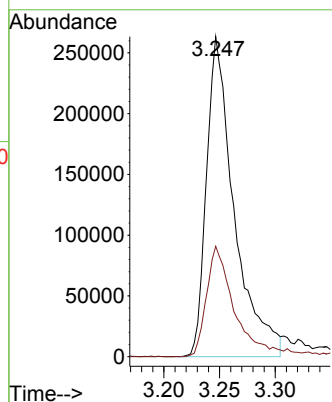


#13
 Ethanol
 Concen: 31.610 ppbv
 RT: 3.247 min Scan# 20
 Delta R.T. 0.016 min
 Lab File: VL040970.D
 Acq: 15 Jan 2024 14:54

Instrument :
 MSVOA_L
 ClientSampleId :

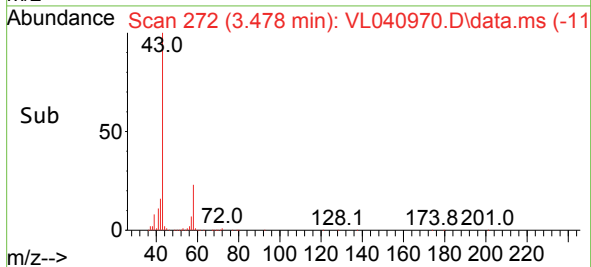
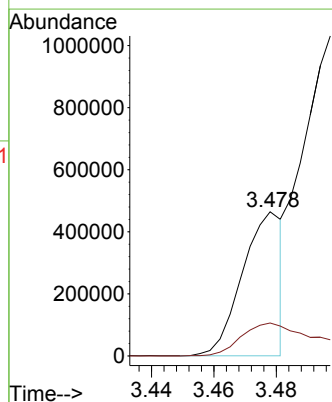
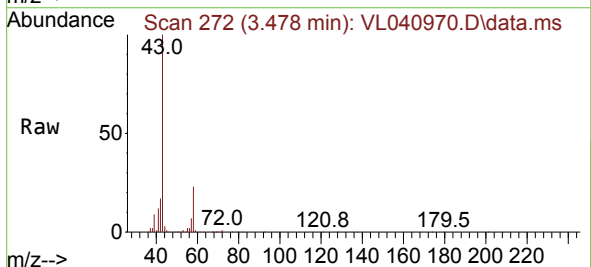


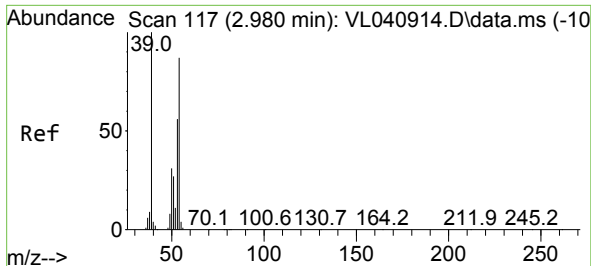
Tgt Ion: 45 Resp: 455179
 Ion Ratio Lower Upper
 45 100
 46 37.4 15.0 60.0



#15
 Acetone
 Concen: 2.984 ppbv
 RT: 3.478 min Scan# 272
 Delta R.T. 0.022 min
 Lab File: VL040970.D
 Acq: 15 Jan 2024 14:54

Tgt Ion: 43 Resp: 411395
 Ion Ratio Lower Upper
 43 100
 58 50.1 20.6 30.8#

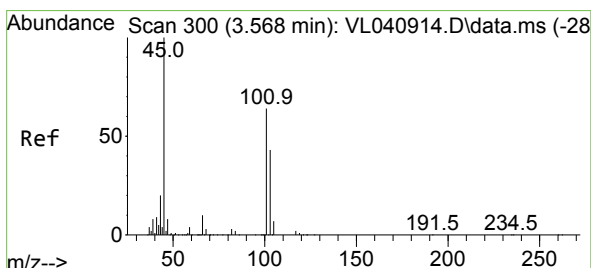
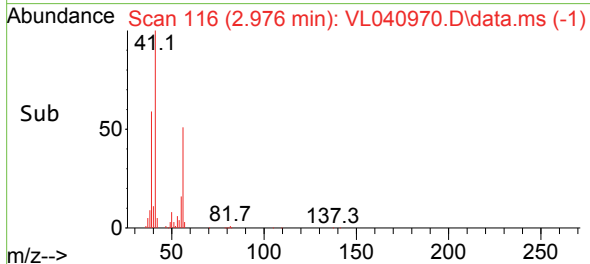
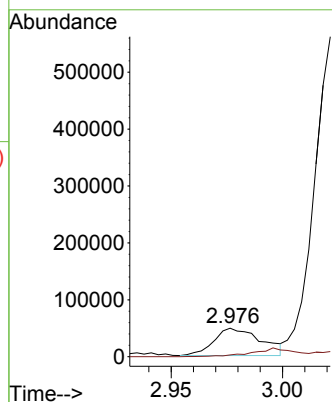
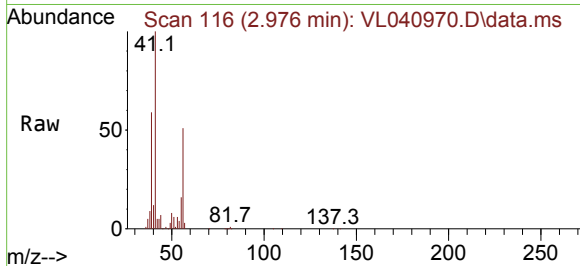




#16
1,3-Butadiene
Concen: 1.186 ppbv
RT: 2.976 min Scan# 117
Delta R.T. -0.000 min
Lab File: VL040970.D
Acq: 15 Jan 2024 14:54

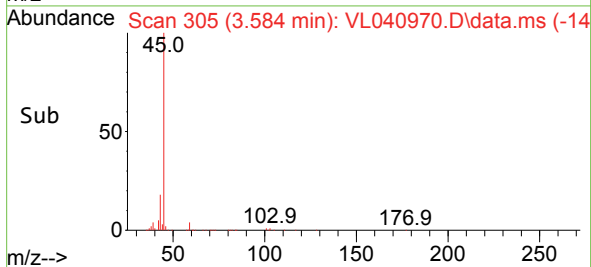
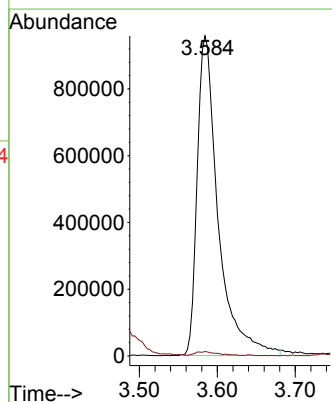
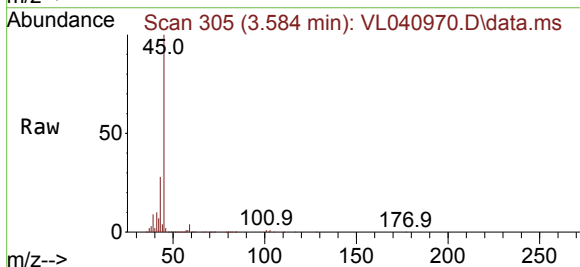
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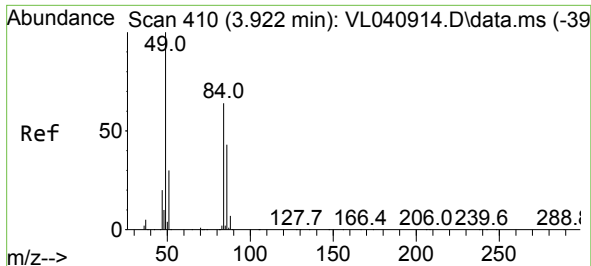
Tgt Ion: 39 Resp: 70427
Ion Ratio Lower Upper
39 100
54 45.7 63.8 95.6#



#19
Isopropyl Alcohol
Concen: 24.793 ppbv
RT: 3.584 min Scan# 305
Delta R.T. 0.019 min
Lab File: VL040970.D
Acq: 15 Jan 2024 14:54

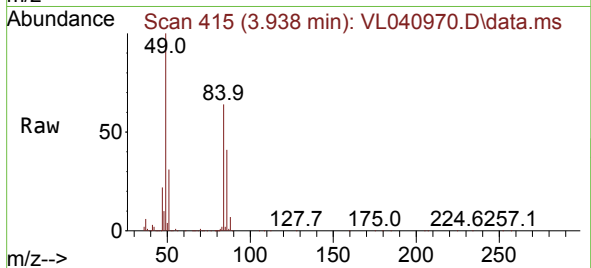
Tgt Ion: 45 Resp: 1783691
Ion Ratio Lower Upper
45 100
58 2.1 1.5 2.3



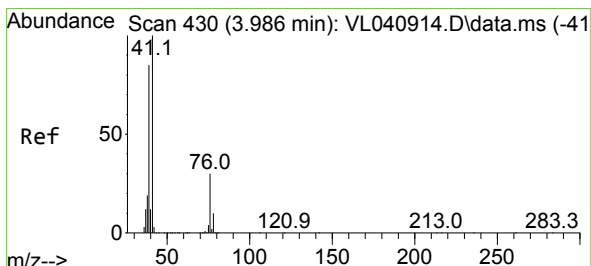
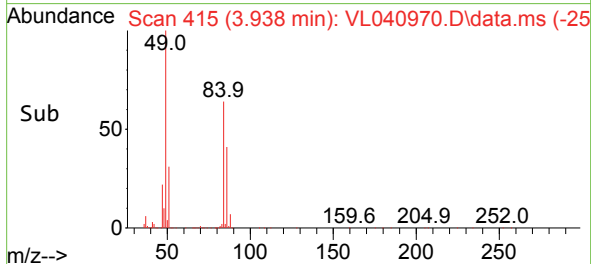
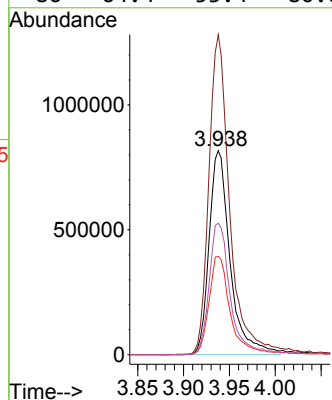


#20
Methylene Chloride
Concen: 26.520 ppbv
RT: 3.938 min Scan# 410
Delta R.T. 0.019 min
Lab File: VL040970.D
Acq: 15 Jan 2024 14:54

Instrument :
MSVOA_L
ClientSampleId :

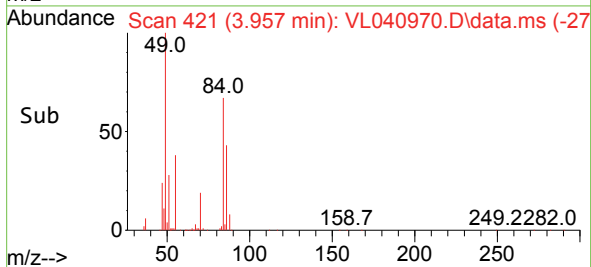
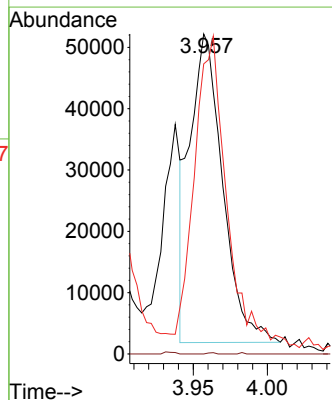
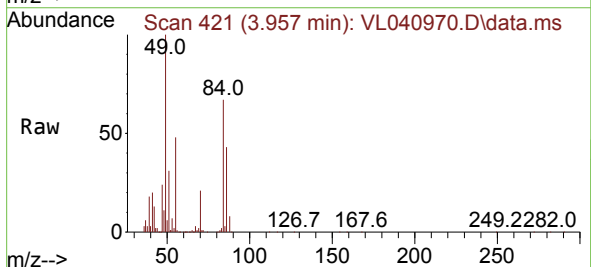


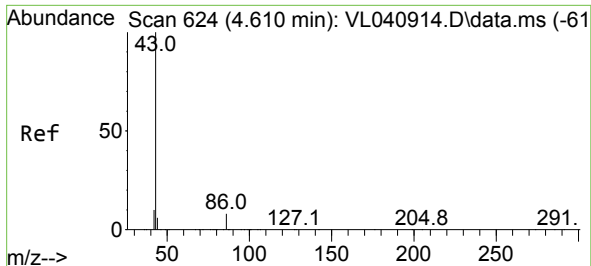
Tgt Ion: 84 Resp: 1303300
Ion Ratio Lower Upper
84 100
49 156.8 124.6 187.0
51 47.9 37.2 55.8
86 64.4 53.4 80.0



#21
Allyl Chloride
Concen: 0.952 ppbv
RT: 3.957 min Scan# 421
Delta R.T. -0.026 min
Lab File: VL040970.D
Acq: 15 Jan 2024 14:54

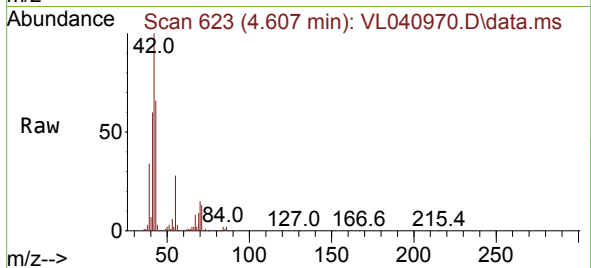
Tgt Ion: 41 Resp: 77593
Ion Ratio Lower Upper
41 100
76 0.2 23.9 35.9#
39 107.9 66.5 99.7#



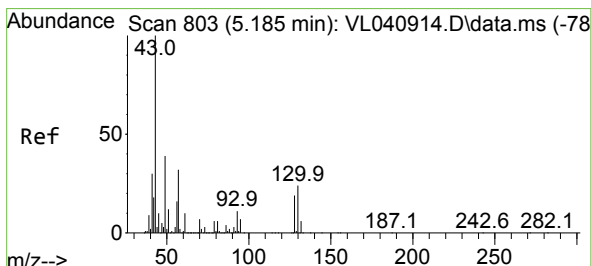
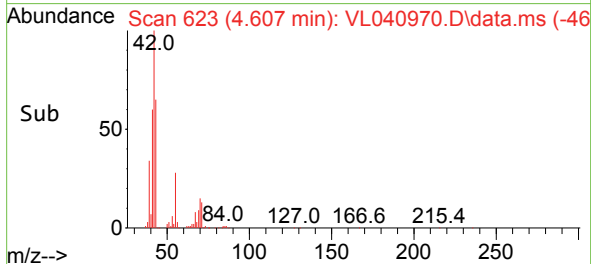
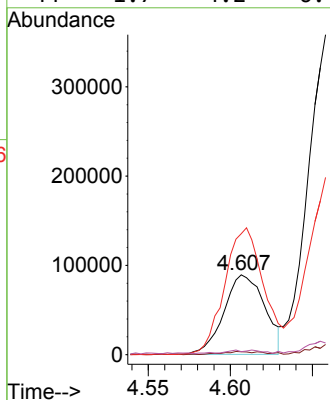


#23
Vinyl Acetate
Concen: 1.012 ppbv
RT: 4.607 min Scan# 61
Delta R.T. -0.003 min
Lab File: VL040970.D
Acq: 15 Jan 2024 14:54

Instrument :
MSVOA_L
ClientSampleId :

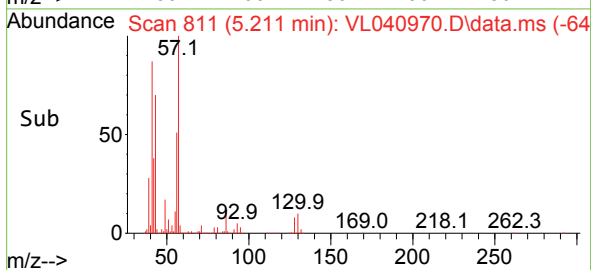
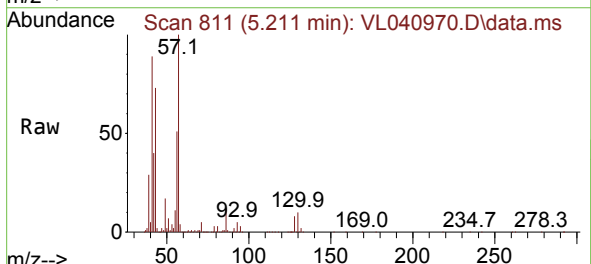
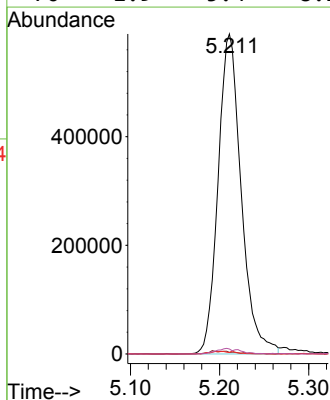


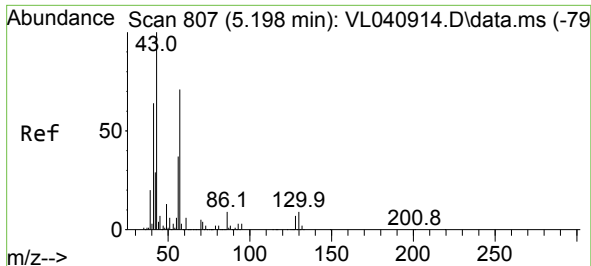
Tgt Ion: 43 Resp: 153910
Ion Ratio Lower Upper
43 100
86 2.8 5.5 8.3#
42 152.0 8.4 12.6#
44 1.7 4.2 6.4#



#25
Ethyl Acetate
Concen: 4.450 ppbv
RT: 5.211 min Scan# 811
Delta R.T. 0.022 min
Lab File: VL040970.D
Acq: 15 Jan 2024 14:54

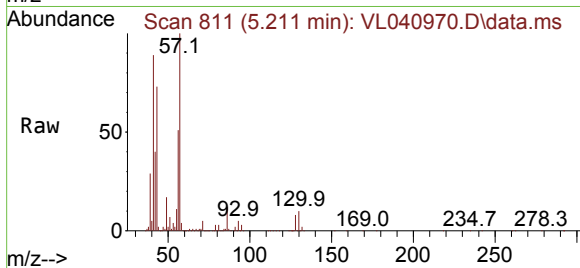
Tgt Ion: 43 Resp: 1063149
Ion Ratio Lower Upper
43 100
45 1.1 8.2 12.2#
61 0.9 7.6 11.4#
70 1.9 5.4 8.2#





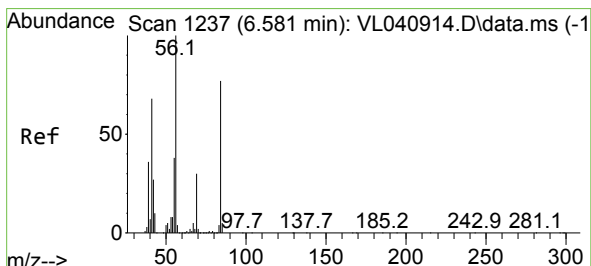
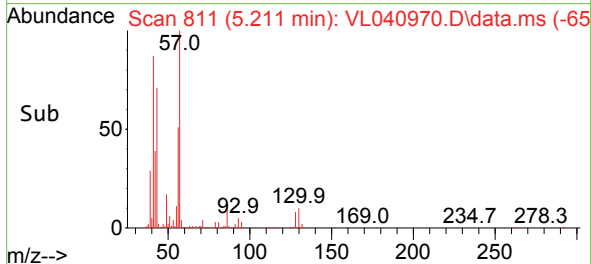
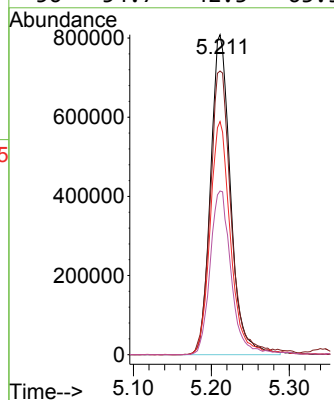
#26
Hexane
Concen: 13.564 ppbv
RT: 5.211 min Scan# 811
Delta R.T. 0.016 min
Lab File: VL040970.D
Acq: 15 Jan 2024 14:54

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion: 57 Resp: 1436105

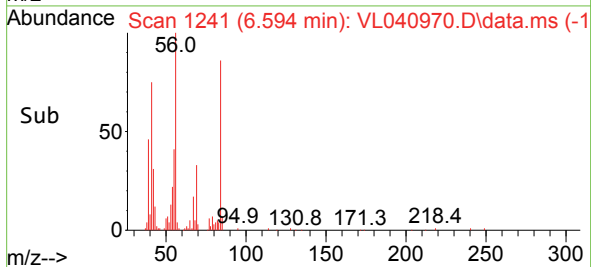
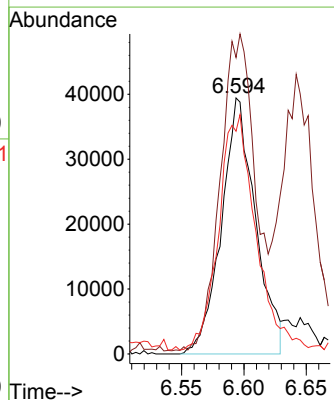
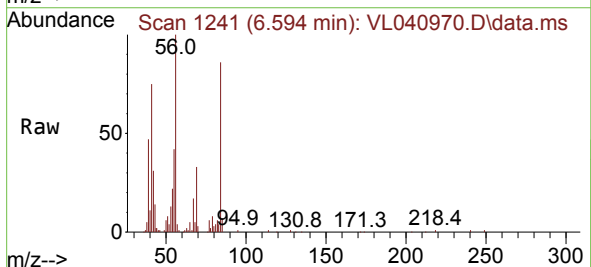
Ion	Ratio	Lower	Upper
57	100		
41	94.6	75.2	112.8
43	75.8	188.0	282.0
56	54.7	42.3	63.5

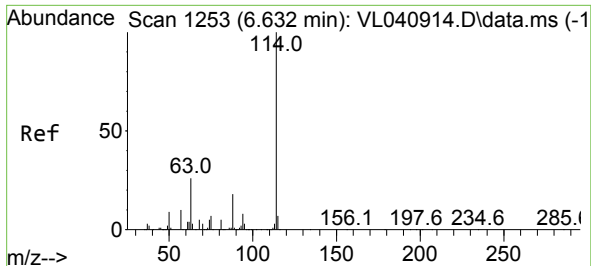


#30
Cyclohexane
Concen: 0.848 ppbv
RT: 6.594 min Scan# 1241
Delta R.T. 0.010 min
Lab File: VL040970.D
Acq: 15 Jan 2024 14:54

Tgt Ion: 84 Resp: 74877

Ion	Ratio	Lower	Upper
84	100		
56	130.1	111.4	167.2
41	99.8	70.0	105.0





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.642 min Scan# 11

Delta R.T. 0.006 min

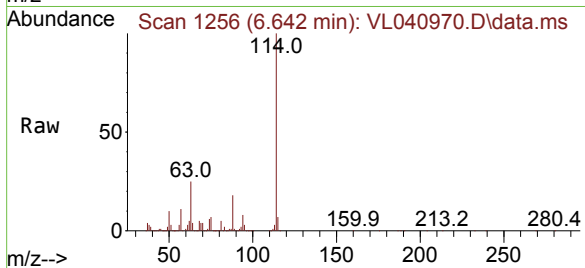
Lab File: VL040970.D

Acq: 15 Jan 2024 14:54

Instrument :

MSVOA_L

ClientSampleId :



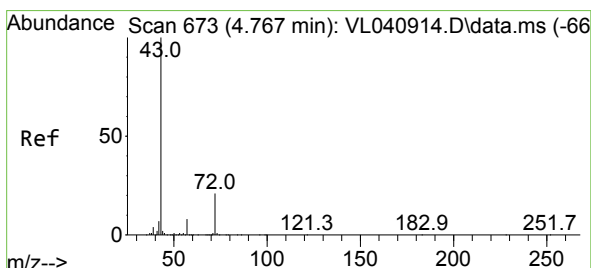
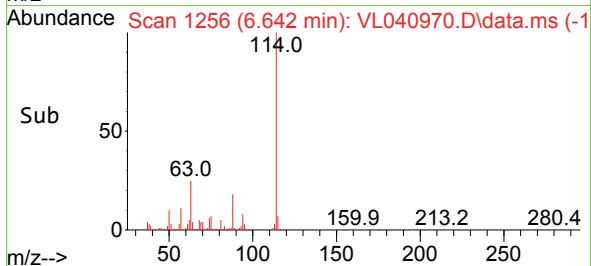
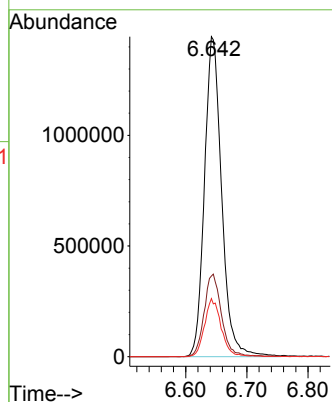
Tgt Ion:114 Resp: 2823039

Ion Ratio Lower Upper

114 100

63 26.3 21.0 31.6

88 17.7 14.3 21.5



#34

2-Butanone

Concen: 0.196 ppbv

RT: 4.787 min Scan# 679

Delta R.T. 0.016 min

Lab File: VL040970.D

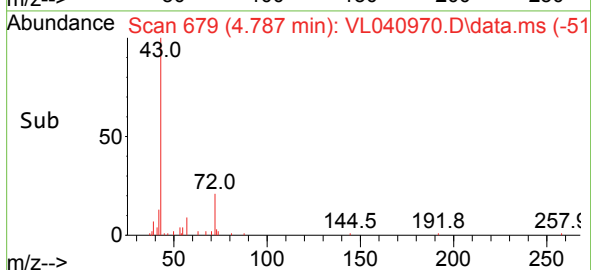
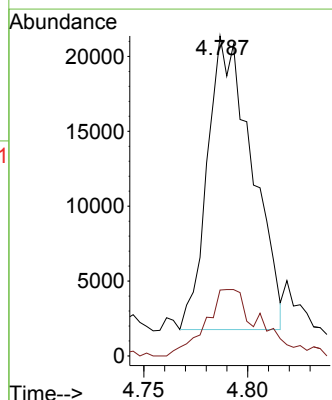
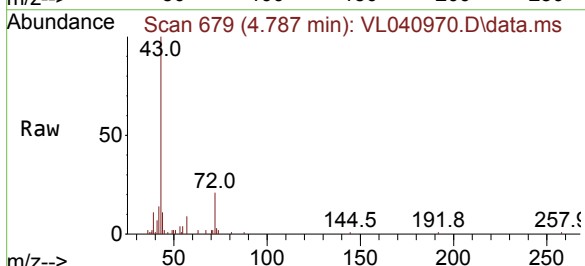
Acq: 15 Jan 2024 14:54

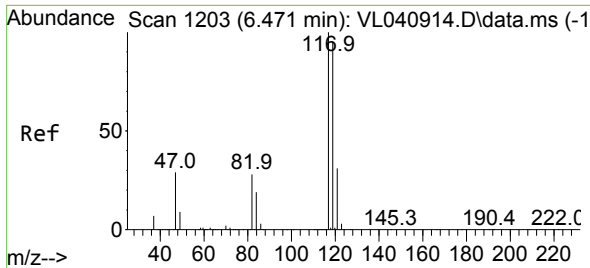
Tgt Ion: 43 Resp: 29240

Ion Ratio Lower Upper

43 100

72 29.3 17.2 25.8#

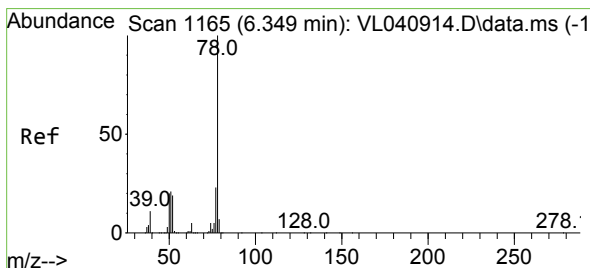
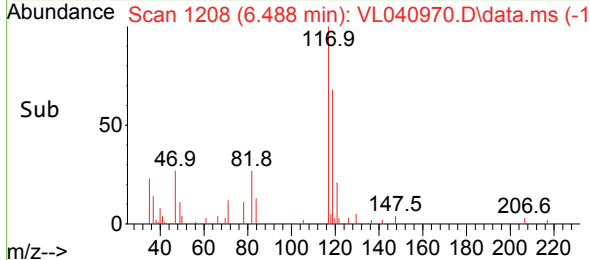
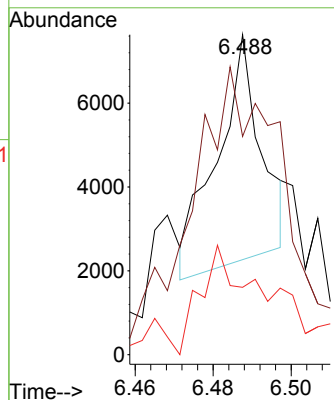
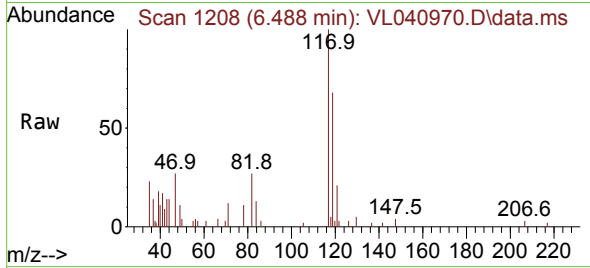




#35
Carbon Tetrachloride
Concen: 0.024 ppbv
RT: 6.488 min Scan# 1117
Delta R.T. 0.013 min
Lab File: VL040970.D
Acq: 15 Jan 2024 14:54

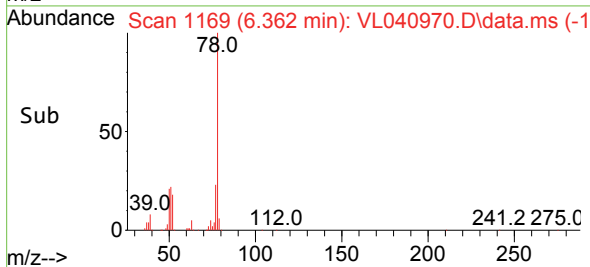
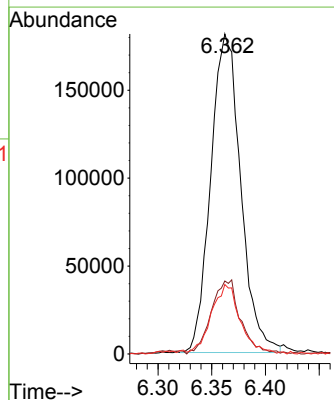
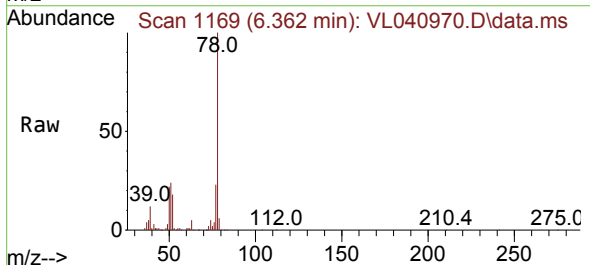
Instrument :
MSVOA_L
ClientSampleId :

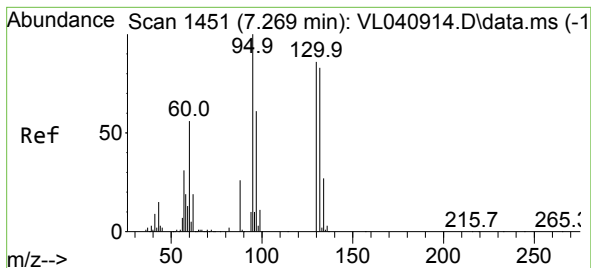
Tgt Ion:117 Resp: 4221
Ion Ratio Lower Upper
117 100
119 51.1 76.3 114.5#
121 35.6 24.9 37.3



#36
Benzene
Concen: 1.591 ppbv
RT: 6.362 min Scan# 1169
Delta R.T. 0.010 min
Lab File: VL040970.D
Acq: 15 Jan 2024 14:54

Tgt Ion: 78 Resp: 351174
Ion Ratio Lower Upper
78 100
77 22.6 18.4 27.6
50 20.8 16.0 24.0





#38

Trichloroethene

Concen: 0.145 ppbv

RT: 7.279 min Scan# 1451

Delta R.T. 0.010 min

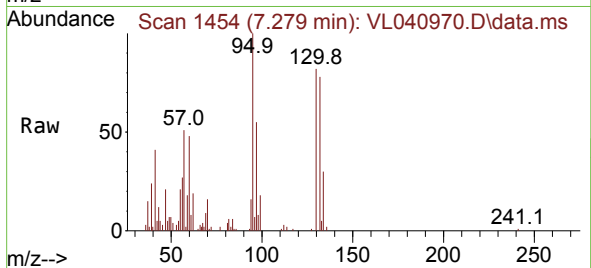
Lab File: VL040970.D

Acq: 15 Jan 2024 14:54

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:130 Resp: 12008

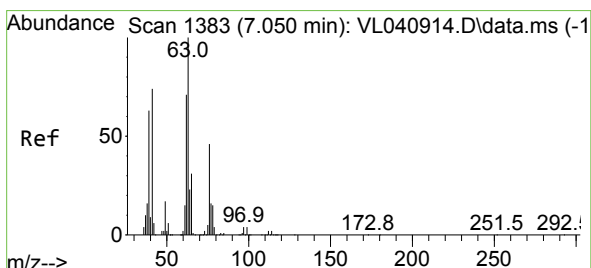
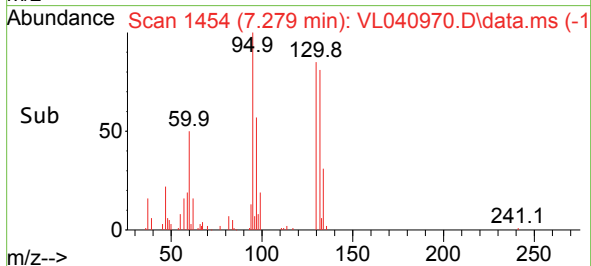
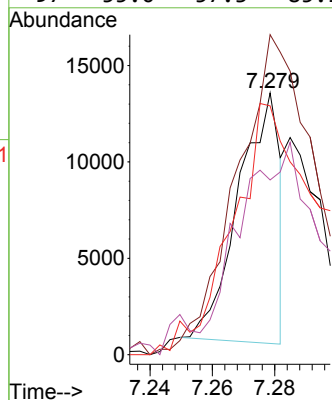
Ion Ratio Lower Upper

130 100

95 125.1 93.5 140.3

132 88.0 77.4 116.2

97 55.0 57.3 85.9#



#39

1,2-Dichloropropane

Concen: 8.292 ppbv

RT: 6.645 min Scan# 1257

Delta R.T. -0.408 min

Lab File: VL040970.D

Acq: 15 Jan 2024 14:54

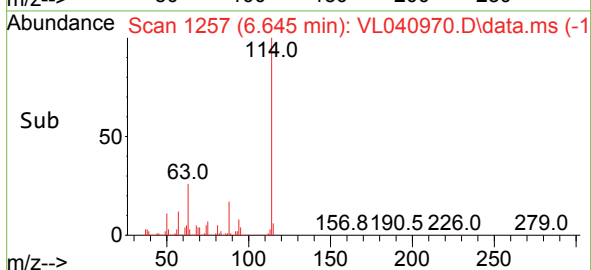
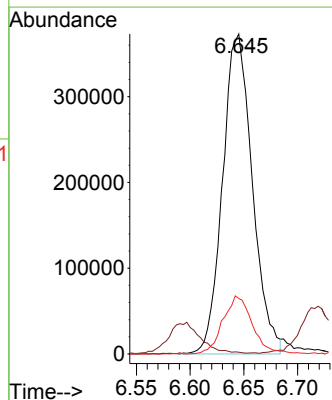
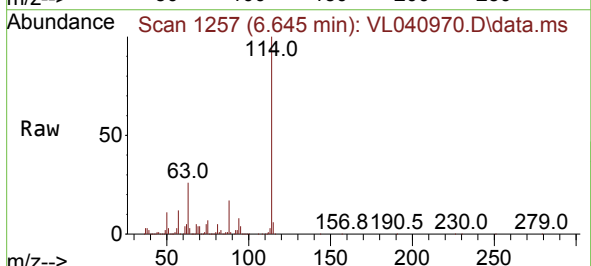
Tgt Ion: 63 Resp: 719149

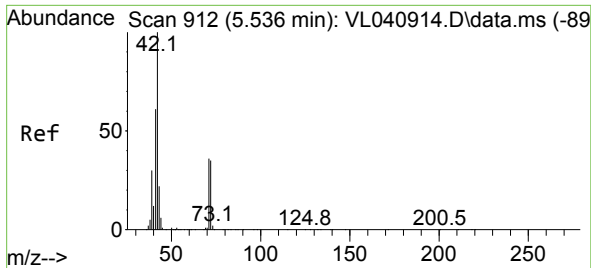
Ion Ratio Lower Upper

63 100

41 0.0 59.0 88.6#

62 16.9 56.6 85.0#

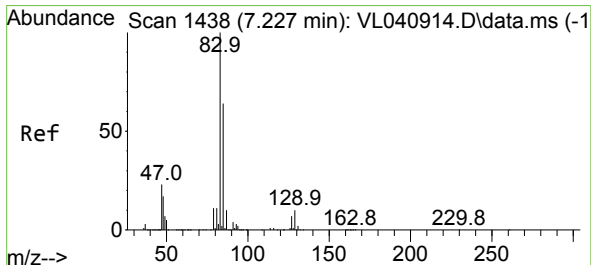
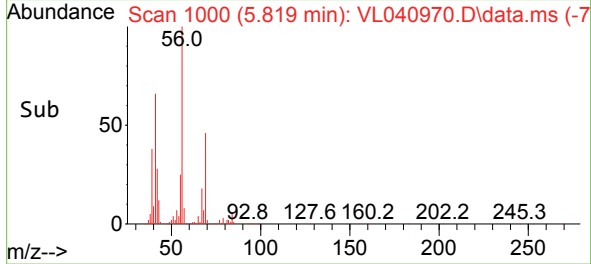
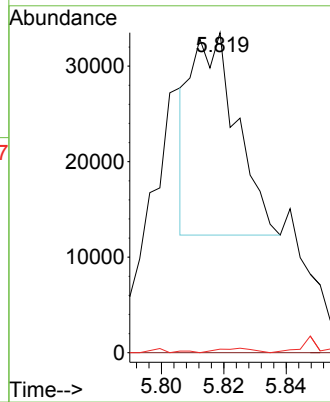
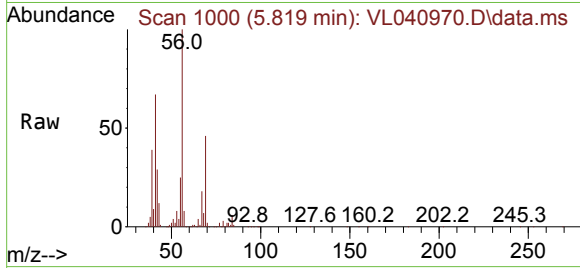




#41
Tetrahydrofuran
Concen: 0.236 ppbv
RT: 5.819 min Scan# 1000
Delta R.T. 0.280 min
Lab File: VL040970.D
Acq: 15 Jan 2024 14:54

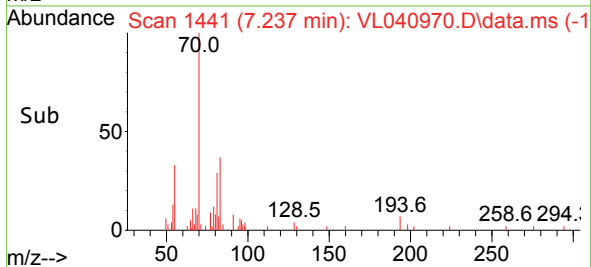
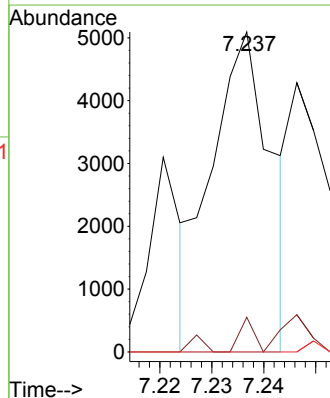
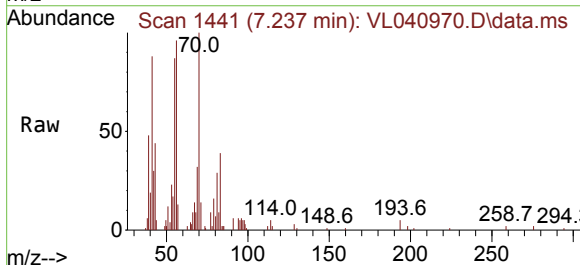
Instrument :
MSVOA_L
ClientSampleId :

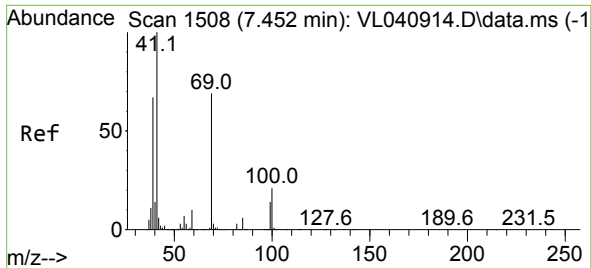
Tgt Ion: 42 Resp: 21432
Ion Ratio Lower Upper
42 100
72 0.9 29.6 44.4#
71 0.0 29.1 43.7#



#42
Bromodichloromethane
Concen: 0.021 ppbv
RT: 7.237 min Scan# 1441
Delta R.T. 0.006 min
Lab File: VL040970.D
Acq: 15 Jan 2024 14:54

Tgt Ion: 83 Resp: 4037
Ion Ratio Lower Upper
83 100
85 18.2 51.4 77.0#
127 0.0 5.9 8.9#

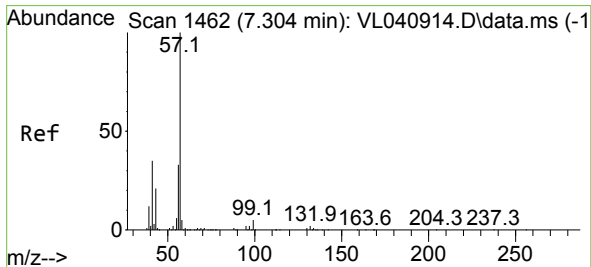
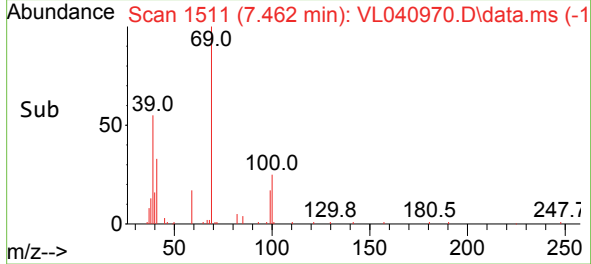
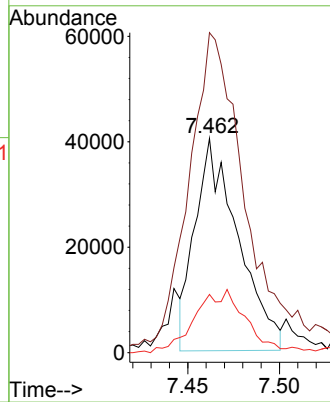
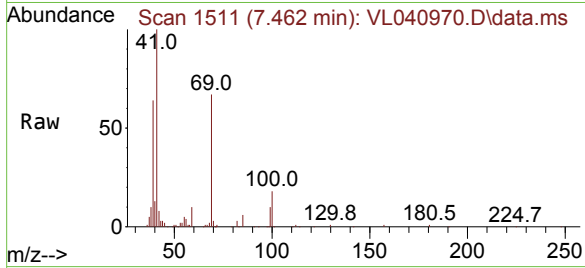




#43
Methyl Methacrylate
Concen: 0.758 ppbv
RT: 7.462 min Scan# 1511
Delta R.T. 0.010 min
Lab File: VL040970.D
Acq: 15 Jan 2024 14:54

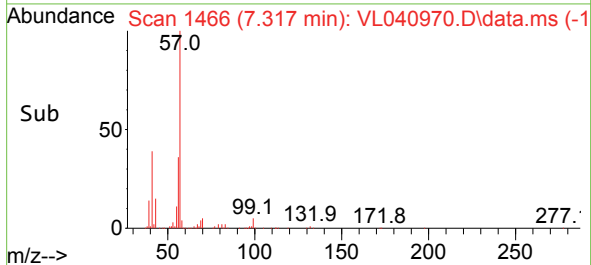
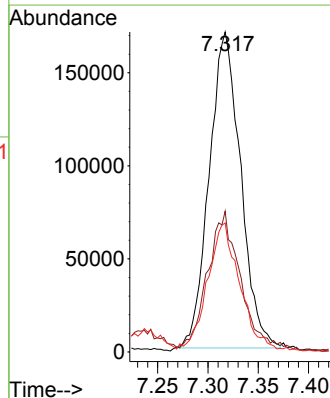
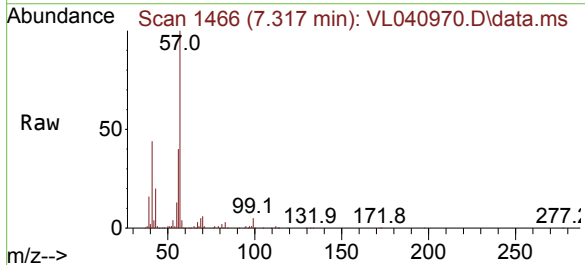
Instrument :
MSVOA_L
ClientSampleId :

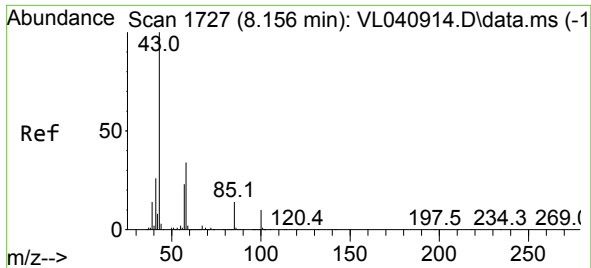
Tgt Ion: 69 Resp: 65588
Ion Ratio Lower Upper
69 100
41 204.5 119.9 179.9#
100 35.6 25.1 37.7



#44
2,2,4-Trimethylpentane
Concen: 0.985 ppbv
RT: 7.317 min Scan# 1466
Delta R.T. 0.010 min
Lab File: VL040970.D
Acq: 15 Jan 2024 14:54

Tgt Ion: 57 Resp: 369205
Ion Ratio Lower Upper
57 100
41 47.8 28.2 42.4#
56 43.3 25.3 37.9#

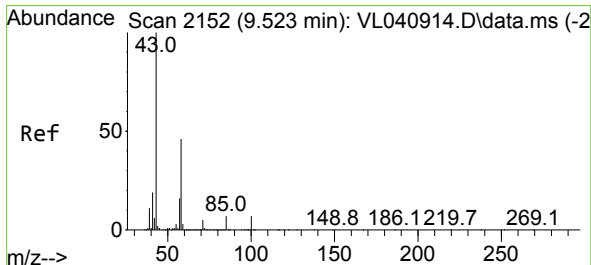
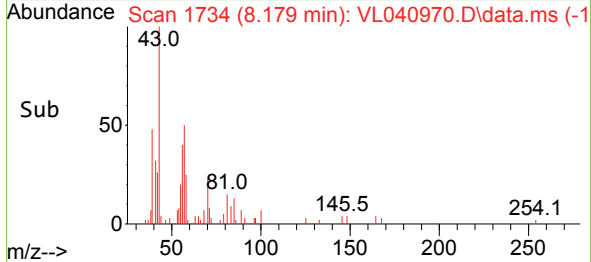
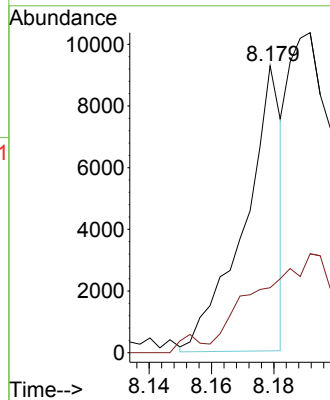
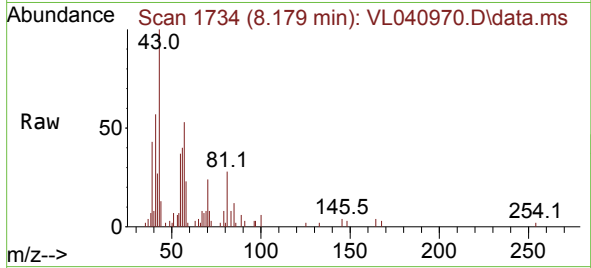




#50
4-Methyl-2-Pentanone
Concen: 0.034 ppbv
RT: 8.179 min Scan# 11
Delta R.T. 0.019 min
Lab File: VL040970.D
Acq: 15 Jan 2024 14:54

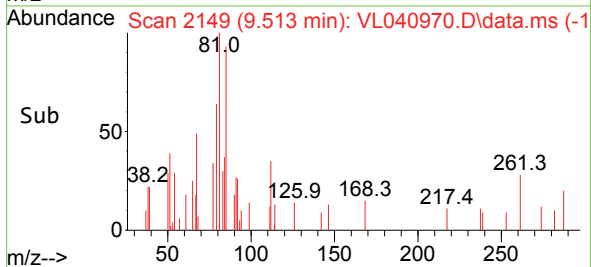
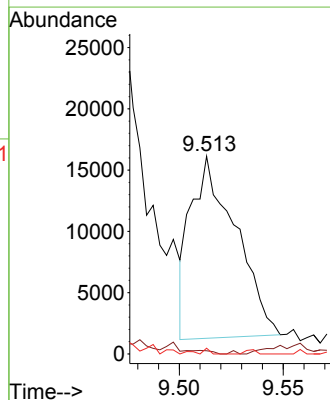
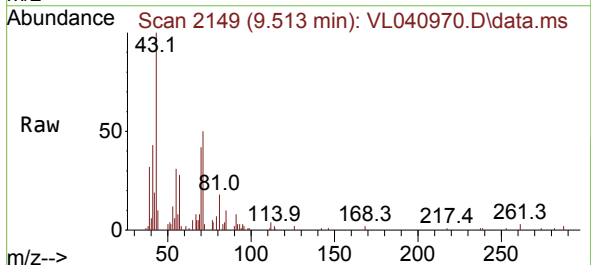
Instrument :
MSVOA_L
ClientSampleId :

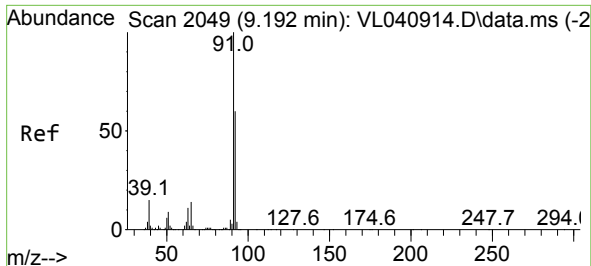
Tgt Ion: 43 Resp: 7635
Ion Ratio Lower Upper
43 100
58 0.0 27.4 41.0#



#51
2-Hexanone
Concen: 0.137 ppbv
RT: 9.513 min Scan# 2149
Delta R.T. -0.016 min
Lab File: VL040970.D
Acq: 15 Jan 2024 14:54

Tgt Ion: 43 Resp: 22261
Ion Ratio Lower Upper
43 100
58 0.0 37.3 55.9#
98 0.0 0.2 0.2#

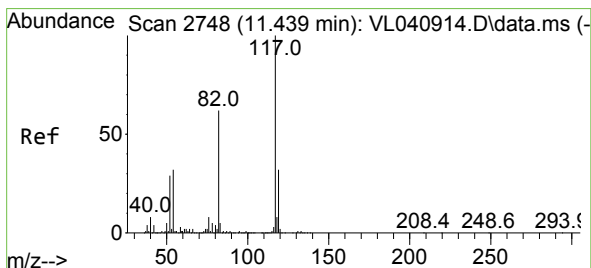
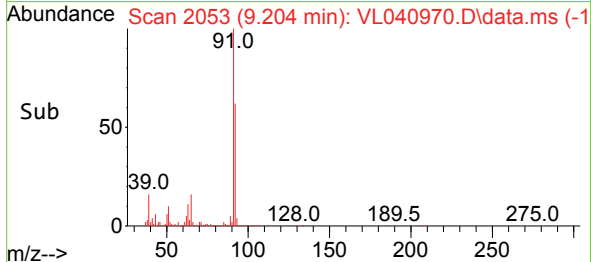
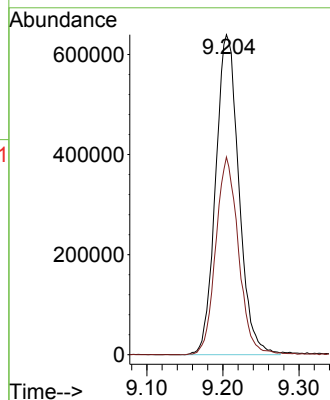
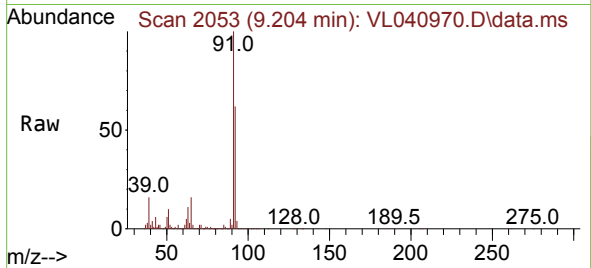




#53
Toluene
Concen: 5.543 ppbv
RT: 9.204 min Scan# 2049
Delta R.T. 0.006 min
Lab File: VL040970.D
Acq: 15 Jan 2024 14:54

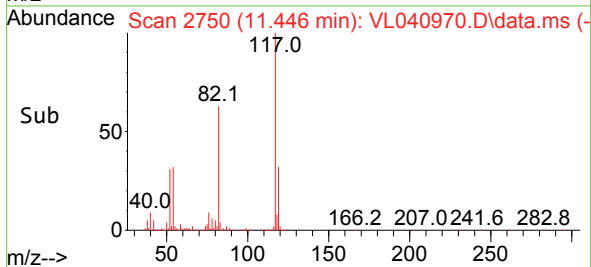
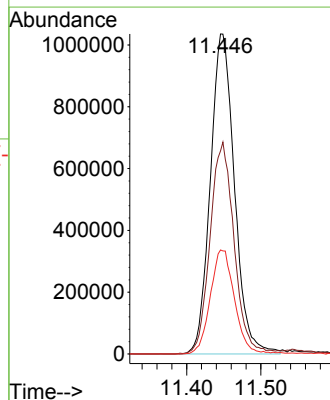
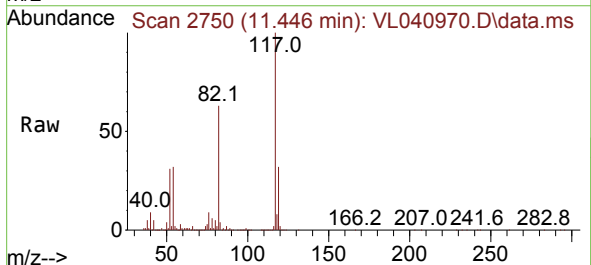
Instrument :
MSVOA_L
ClientSampleId :

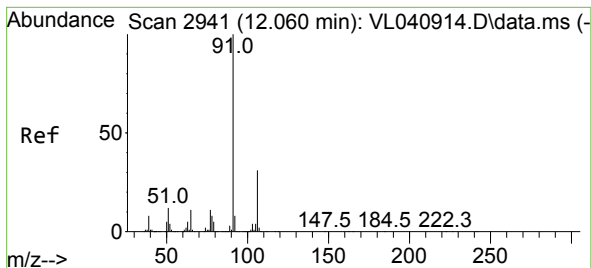
Tgt Ion: 91 Resp: 1356477
Ion Ratio Lower Upper
91 100
92 60.8 49.2 73.8



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.446 min Scan# 2750
Delta R.T. 0.003 min
Lab File: VL040970.D
Acq: 15 Jan 2024 14:54

Tgt Ion: 117 Resp: 2343486
Ion Ratio Lower Upper
117 100
82 65.9 49.6 74.4
119 33.0 23.4 35.0

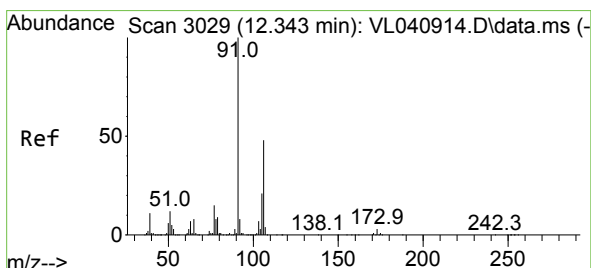
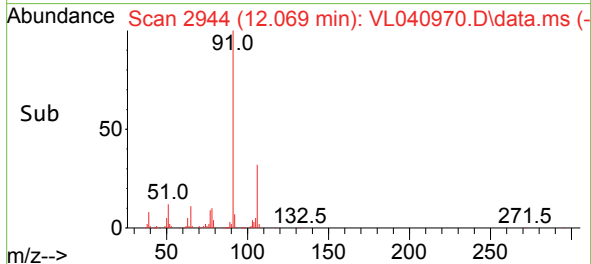
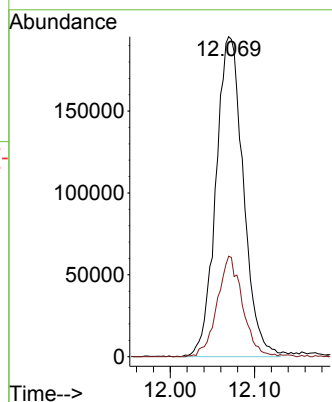
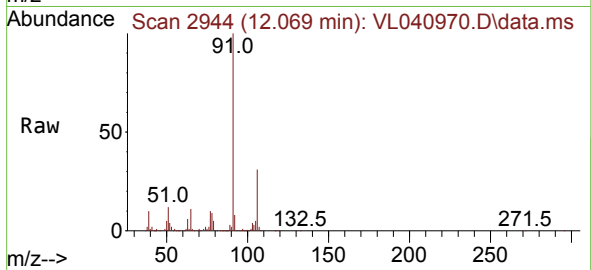




#58
Ethyl Benzene
Concen: 1.463 ppbv
RT: 12.069 min Scan# 2941
Delta R.T. 0.006 min
Lab File: VL040970.D
Acq: 15 Jan 2024 14:54

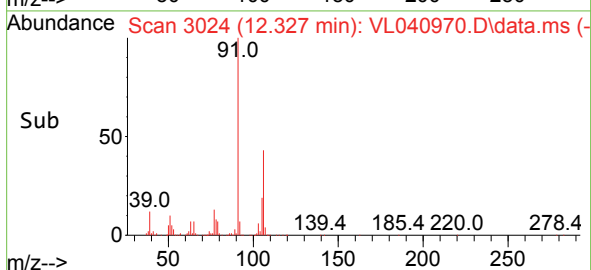
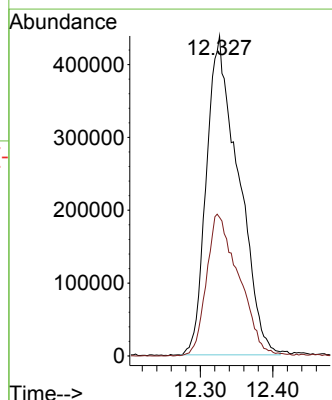
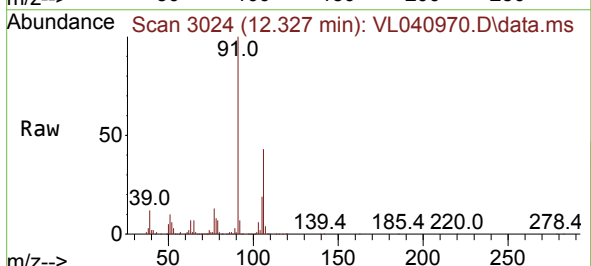
Instrument :
MSVOA_L
ClientSampleId :

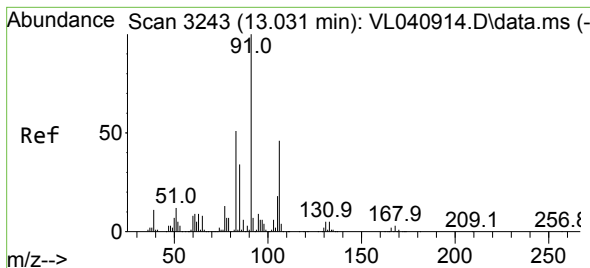
Tgt Ion: 91 Resp: 440422
Ion Ratio Lower Upper
91 100
106 31.4 24.9 37.3



#59
m/p-Xylene
Concen: 5.246 ppbv
RT: 12.327 min Scan# 3024
Delta R.T. -0.023 min
Lab File: VL040970.D
Acq: 15 Jan 2024 14:54

Tgt Ion: 91 Resp: 1343073
Ion Ratio Lower Upper
91 100
106 45.6 0.0 0.0#





#60

o-Xylene

Concen: 1.850 ppbv

RT: 13.037 min Scan# 3196

Delta R.T. 0.003 min

Lab File: VL040970.D

Acq: 15 Jan 2024 14:54

Instrument :

MSVOA_L

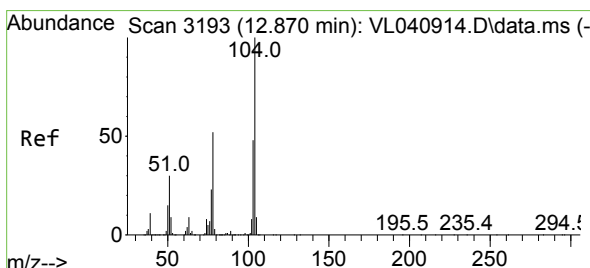
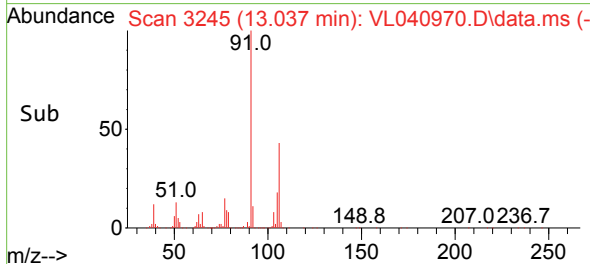
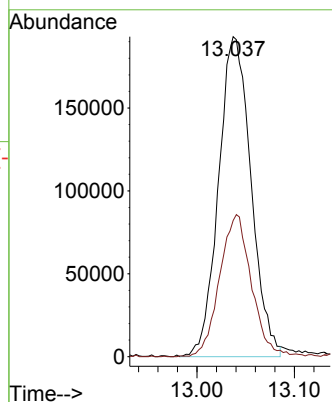
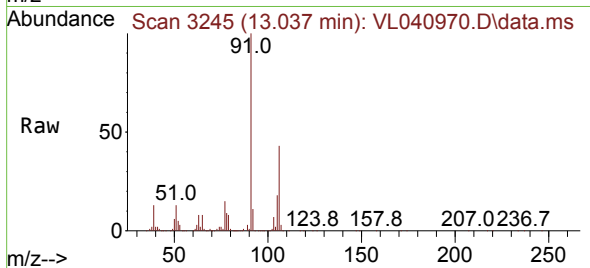
ClientSampleId :

Tgt Ion: 91 Resp: 446211

Ion Ratio Lower Upper

91 100

106 43.8 22.6 67.7



#61

Styrene

Concen: 0.079 ppbv

RT: 12.880 min Scan# 3196

Delta R.T. 0.003 min

Lab File: VL040970.D

Acq: 15 Jan 2024 14:54

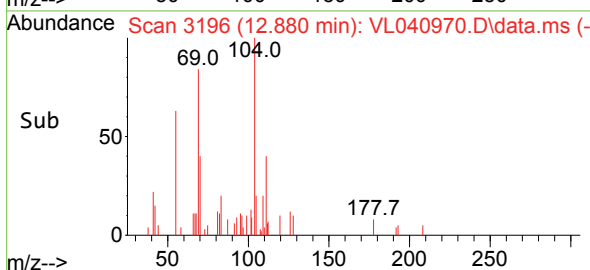
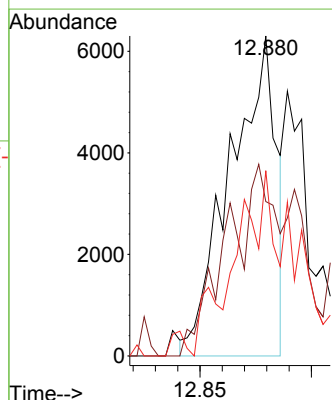
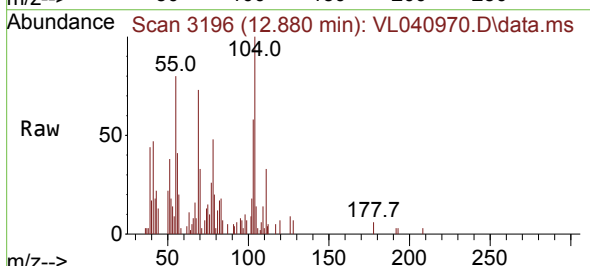
Tgt Ion: 104 Resp: 9014

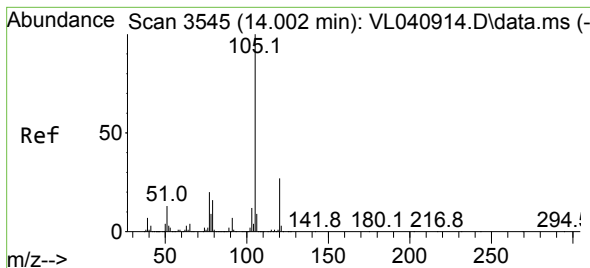
Ion Ratio Lower Upper

104 100

78 97.7 43.0 64.4#

103 81.8 37.6 56.4#





#62

Isopropylbenzene

Concen: 0.135 ppbv

RT: 14.005 min Scan# 3545

Delta R.T. -0.000 min

Lab File: VL040970.D

Acq: 15 Jan 2024 14:54

Instrument :

MSVOA_L

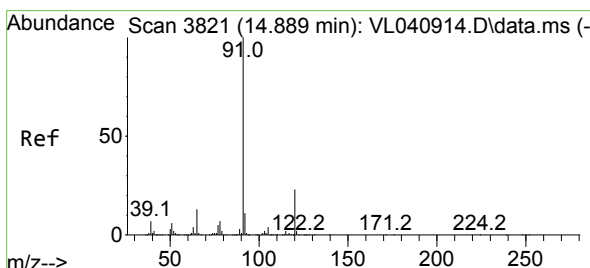
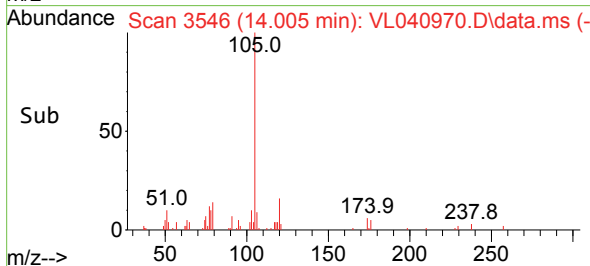
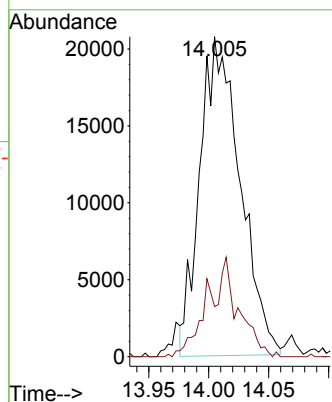
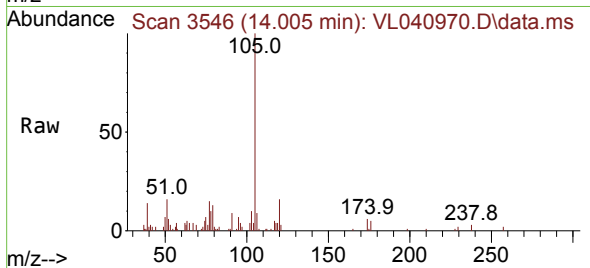
ClientSampleId :

Tgt Ion:105 Resp: 48375

Ion Ratio Lower Upper

105 100

120 23.9 20.7 31.1



#64

n-propylbenzene

Concen: 0.076 ppbv

RT: 14.896 min Scan# 3823

Delta R.T. 0.003 min

Lab File: VL040970.D

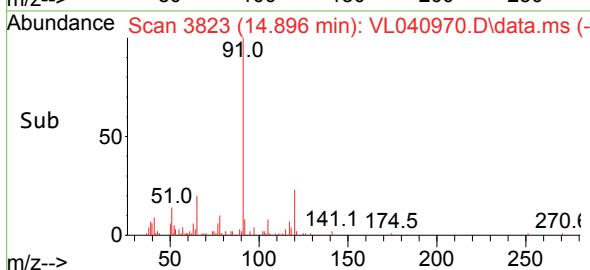
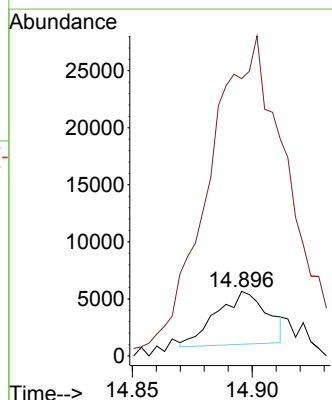
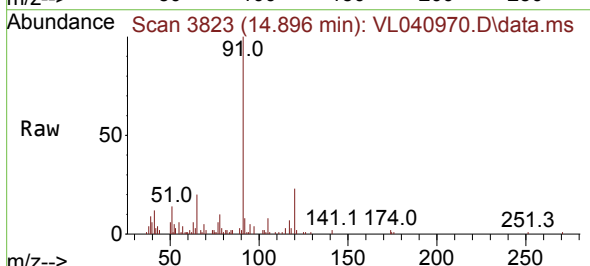
Acq: 15 Jan 2024 14:54

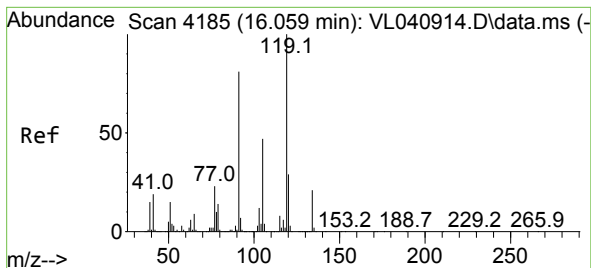
Tgt Ion:120 Resp: 6837

Ion Ratio Lower Upper

120 100

91 971.1 381.9 572.9#

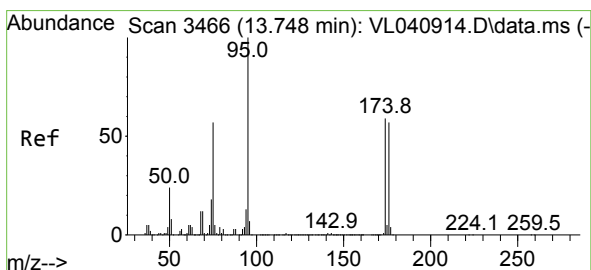
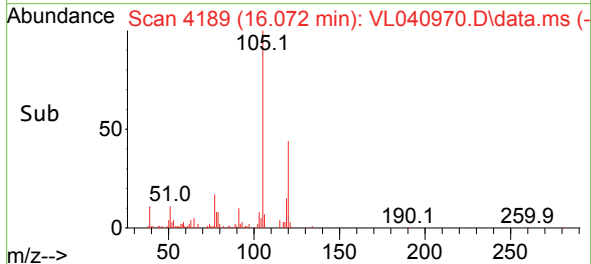
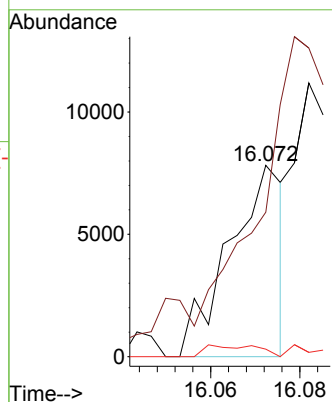
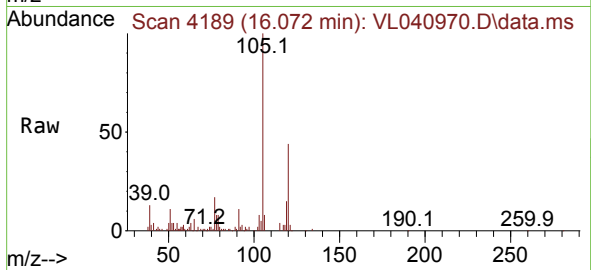




#65
 tert-Butylbenzene
 Concen: 0.021 ppbv
 RT: 16.072 min Scan# 4185
 Delta R.T. 0.006 min
 Lab File: VL040970.D
 Acq: 15 Jan 2024 14:54

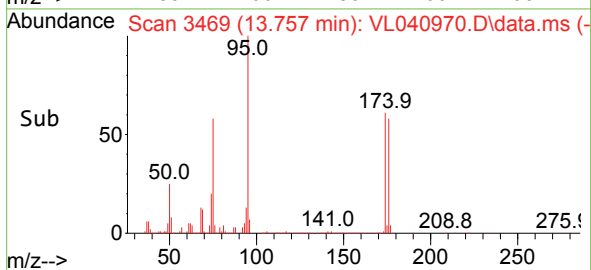
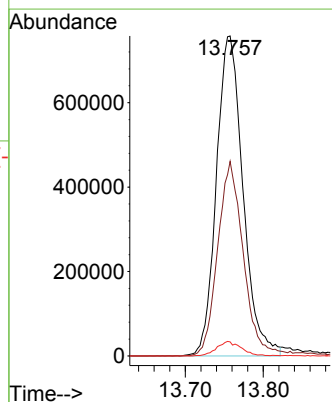
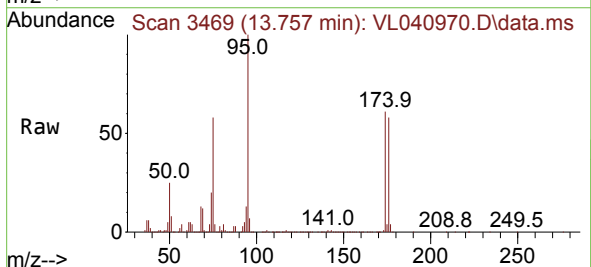
Instrument :
 MSVOA_L
 ClientSampleId :

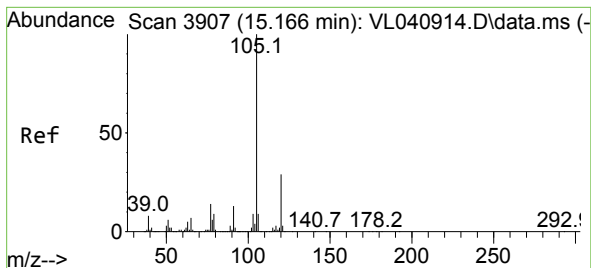
Tgt Ion:119 Resp: 6536
 Ion Ratio Lower Upper
 119 100
 91 0.0 67.2 100.8#
 134 0.0 15.8 23.6#



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.414 ppbv
 RT: 13.757 min Scan# 3469
 Delta R.T. 0.003 min
 Lab File: VL040970.D
 Acq: 15 Jan 2024 14:54

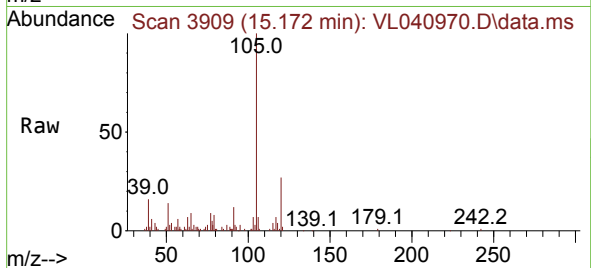
Tgt Ion: 95 Resp: 1797685
 Ion Ratio Lower Upper
 95 100
 174 60.1 48.0 72.0
 175 4.4 3.7 5.5



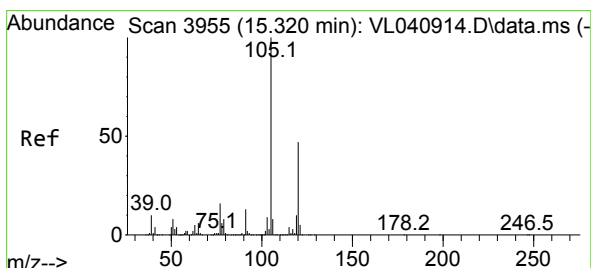
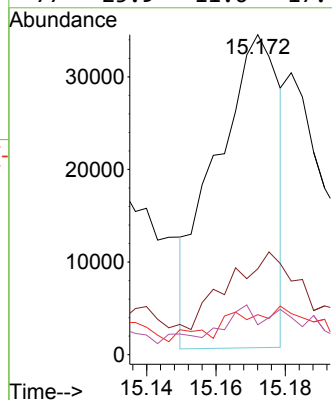
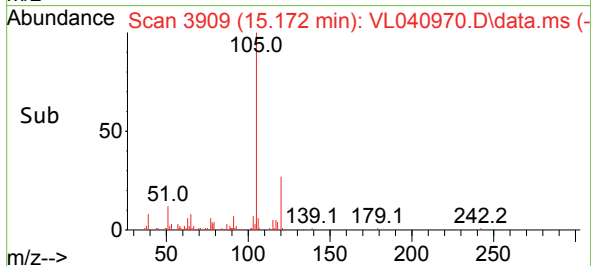


#72
4-Ethyltoluene
Concen: 0.162 ppbv
RT: 15.172 min Scan# 3909
Delta R.T. 0.003 min
Lab File: VL040970.D
Acq: 15 Jan 2024 14:54

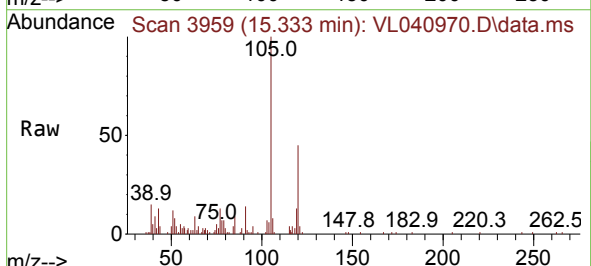
Instrument :
MSVOA_L
ClientSampleId :



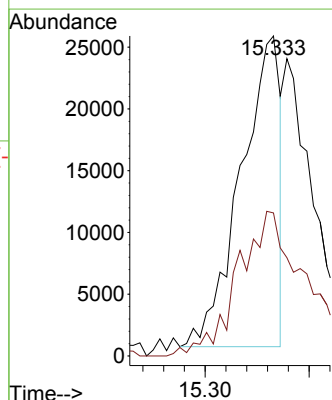
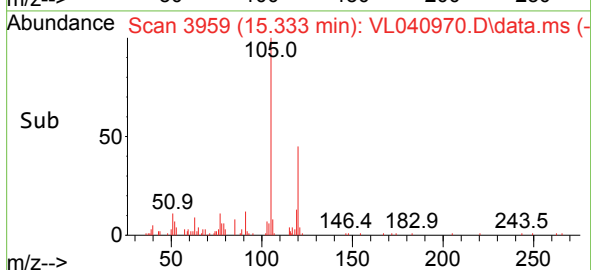
Tgt Ion:105 Resp: 42879
Ion Ratio Lower Upper
105 100
120 0.0 23.8 35.8#
91 0.0 10.9 16.3#
77 25.9 11.6 17.4#

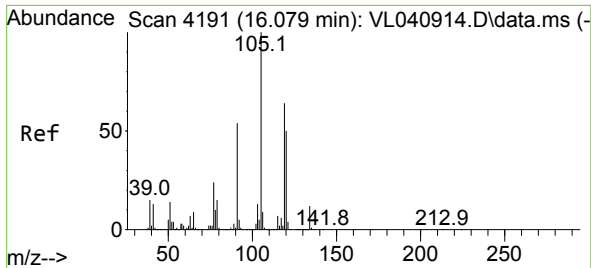


#73
1,3,5-Trimethylbenzene
Concen: 0.145 ppbv
RT: 15.333 min Scan# 3959
Delta R.T. 0.003 min
Lab File: VL040970.D
Acq: 15 Jan 2024 14:54



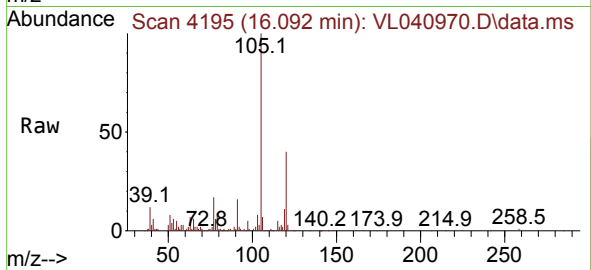
Tgt Ion:105 Resp: 33022
Ion Ratio Lower Upper
105 100
120 47.5 37.8 56.8





#74
 1,2,4-Trimethylbenzene
 Concen: 0.439 ppbv
 RT: 16.092 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VL040970.D
 Acq: 15 Jan 2024 14:54

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion:	105	Resp:	111773
Ion	Ratio	Lower	Upper
105	100		
120	40.0	40.2	60.4#
91	15.3	43.0	64.6#
77	16.2	18.9	28.3#

