

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072924\
 Data File : VL041431.D
 Acq On : 29 Jul 2024 16:18
 Operator : SY/MD
 Sample : P3342-10 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jul 30 02:51:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Jul 30 02:42:20 2024
 Response via : Initial Calibration

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

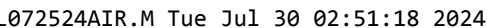
Internal Standards						
1) Bromochloromethane	5.189	49	1126191	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.652	114	3050774	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	2833411	10.000	ppbv	# 0.00

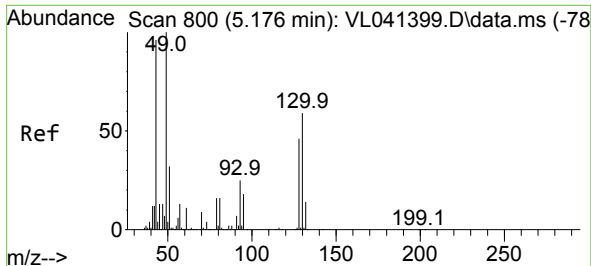
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.777	95	2210530	10.138	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.400%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.726	85	38976	0.201	ppbv	100
3) Chlorodifluoromethane	2.681	51	46442	0.346	ppbv #	68
9) Propene	2.700	41	12460	0.202	ppbv	92
10) Heptane	7.577	43	171134	1.237	ppbv	97
11) Trichlorofluoromethane	3.558	101	40976	0.238	ppbv	97
13) Ethanol	3.234	45	608208	110.491	ppbv	92
15) Acetone	3.462	43	1564317	12.225	ppbv #	89
16) 1,3-Butadiene	2.964	39	6435	0.094	ppbv #	19
19) Isopropyl Alcohol	3.578	45	110905	1.483	ppbv #	1
20) Methylene Chloride	3.931	84	1346398	28.217	ppbv	98
21) Allyl Chloride	3.954	41	15778	0.188	ppbv #	1
23) Vinyl Acetate	4.607	43	108166	1.107	ppbv #	1
25) Ethyl Acetate	5.211	43	999301	3.931	ppbv #	76
26) Hexane	5.211	57	1406848	13.341	ppbv #	38
30) Cyclohexane	6.603	84	41304	0.481	ppbv	90
32) 1,1,1-Trichloroethane	6.002	97	167055	0.998	ppbv	97
34) 2-Butanone	4.787	43	66489	0.451	ppbv #	90
35) Carbon Tetrachloride	6.005	117	9379	0.056	ppbv	94
36) Benzene	6.369	78	318731	1.430	ppbv	97
39) 1,2-Dichloropropane	6.652	63	745713	8.738	ppbv #	26
41) Tetrahydrofuran	5.568	42	5892	0.070	ppbv #	23
42) Bromodichloromethane	7.246	83	5548	0.031	ppbv #	40
44) 2,2,4-Trimethylpentane	7.320	57	123888	0.333	ppbv #	42
50) 4-Methyl-2-Pentanone	8.195	43	7282	0.031	ppbv #	40
51) 2-Hexanone	9.536	43	16433	0.093	ppbv #	30
52) Tetrachloroethene	10.616	164	25075	0.291	ppbv	91
53) Toluene	9.221	91	1936943	7.801	ppbv	99
58) Ethyl Benzene	12.089	91	364728	1.117	ppbv	96
59) m/p-Xylene	12.343	91	1113775	3.951	ppbv	96
60) o-Xylene	13.060	91	351084	1.316	ppbv	100
61) Styrene	12.889	104	11428	0.095	ppbv #	1
64) n-propylbenzene	14.915	120	6755	0.064	ppbv #	1
65) tert-Butylbenzene	16.111	119	14972	0.041	ppbv #	1
71) 2-Chlorotoluene	14.915	91	67342	0.225	ppbv #	43
72) 4-Ethyltoluene	15.195	105	87119	0.277	ppbv #	96
73) 1,3,5-Trimethylbenzene	15.349	105	34372	0.127	ppbv	89
74) 1,2,4-Trimethylbenzene	16.111	105	220168	0.700	ppbv #	71

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

Quant Time: Jul 30 02:51:05 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Tue Jul 30 02:42:20 2024
Response via : Initial Calibration

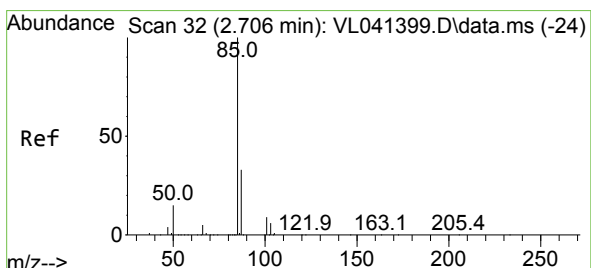
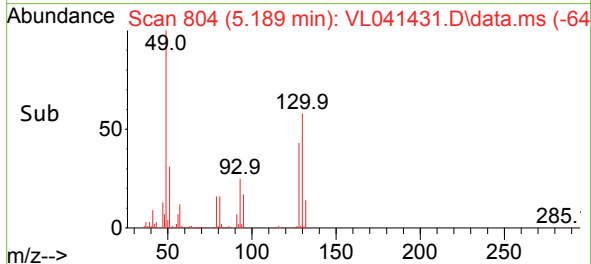
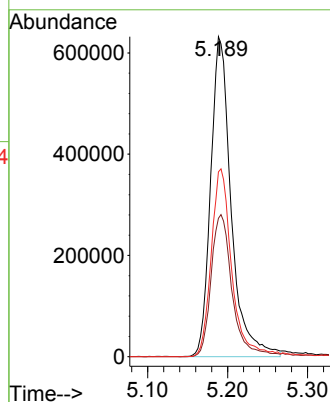
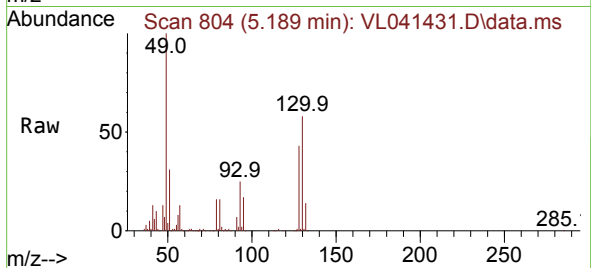




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.189 min Scan# 80
Delta R.T. 0.010 min
Lab File: VL041431.D
Acq: 29 Jul 2024 16:18

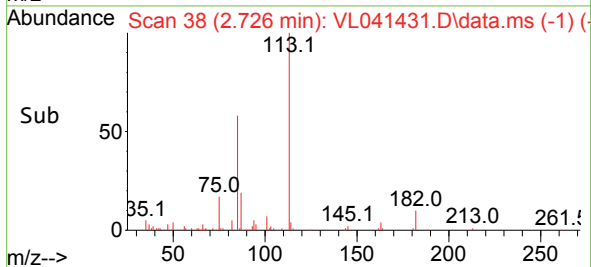
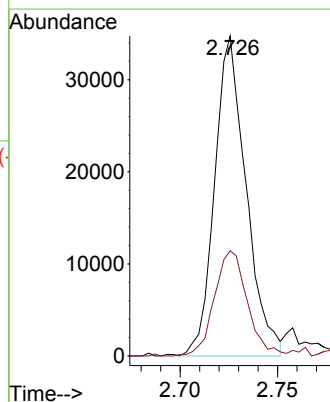
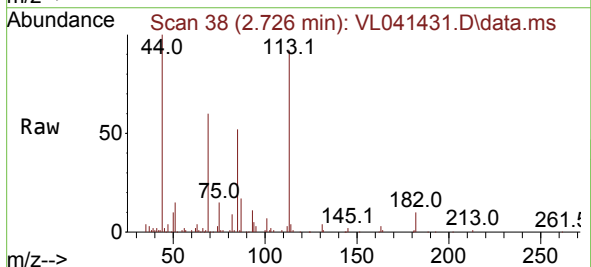
Instrument :
MSVOA_L
ClientSampleId :

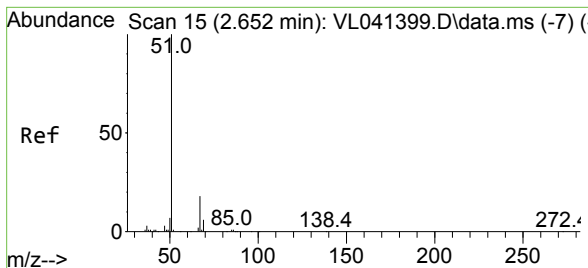
Tgt Ion: 49 Resp: 1126191
Ion Ratio Lower Upper
49 100
128 46.9 23.8 71.4
130 60.6 30.8 92.4



#2
Dichlorodifluoromethane
Concen: 0.201 ppbv
RT: 2.726 min Scan# 38
Delta R.T. 0.016 min
Lab File: VL041431.D
Acq: 29 Jul 2024 16:18

Tgt Ion: 85 Resp: 38976
Ion Ratio Lower Upper
85 100
87 32.5 26.0 39.0

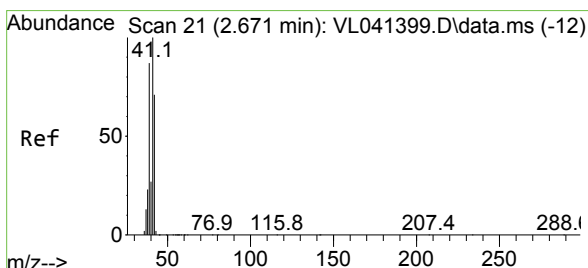
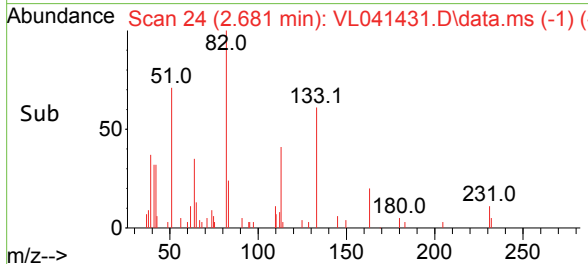
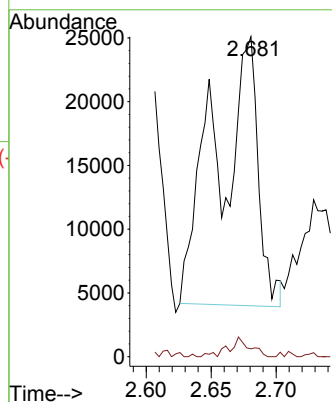
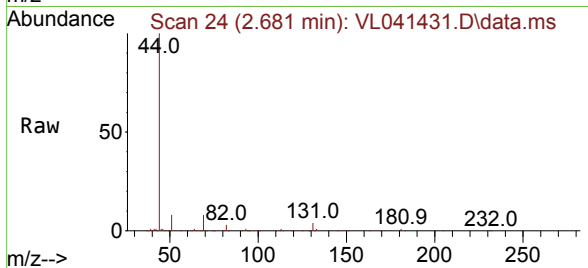




#3
Chlorodifluoromethane
Concen: 0.346 ppbv
RT: 2.681 min Scan# 24
Delta R.T. 0.026 min
Lab File: VL041431.D
Acq: 29 Jul 2024 16:18

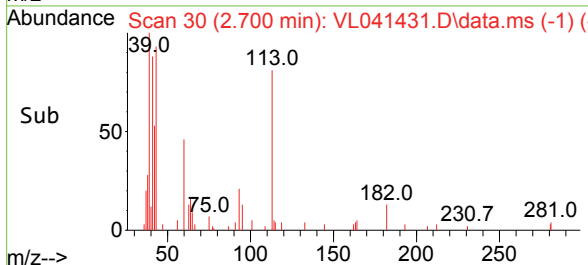
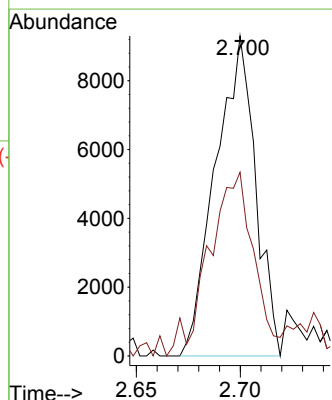
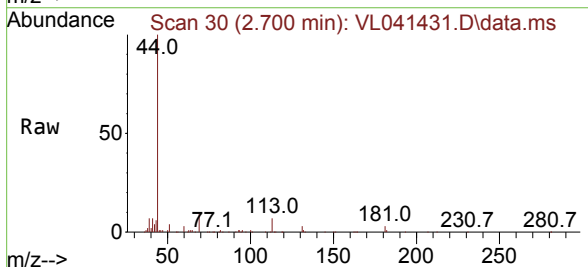
Instrument :
MSVOA_L
ClientSampleId :

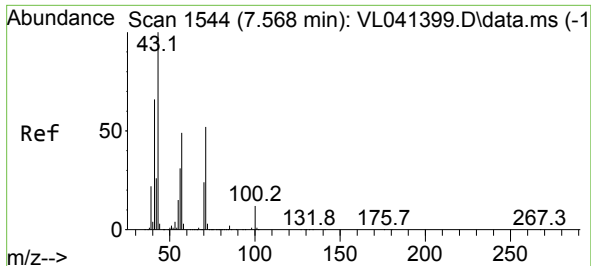
Tgt Ion: 51 Resp: 46442
Ion Ratio Lower Upper
51 100
67 4.0 14.5 21.7#



#9
Propene
Concen: 0.202 ppbv
RT: 2.700 min Scan# 30
Delta R.T. 0.029 min
Lab File: VL041431.D
Acq: 29 Jul 2024 16:18

Tgt Ion: 41 Resp: 12460
Ion Ratio Lower Upper
41 100
42 76.4 55.9 83.9

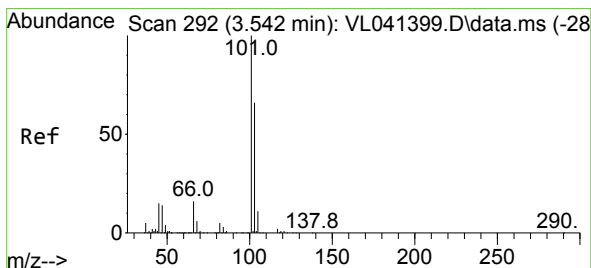
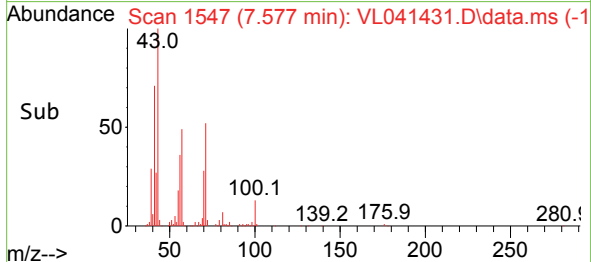
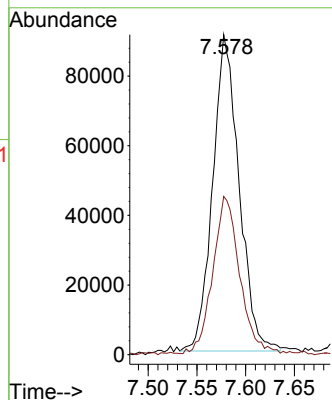
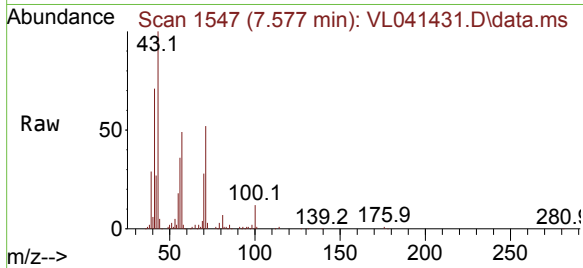




#10
 Heptane
 Concen: 1.237 ppbv
 RT: 7.577 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VL041431.D
 Acq: 29 Jul 2024 16:18

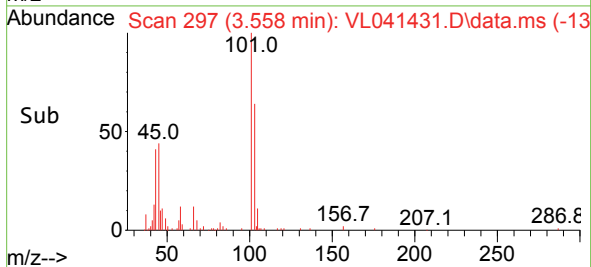
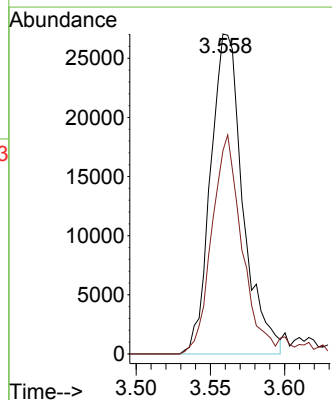
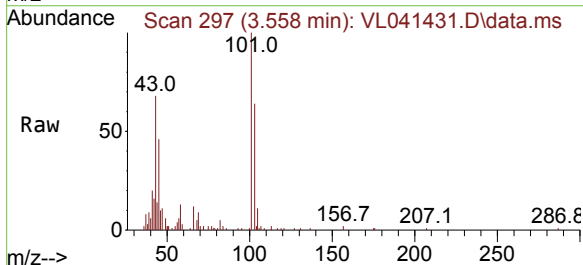
Instrument :
 MSVOA_L
 ClientSampleId :

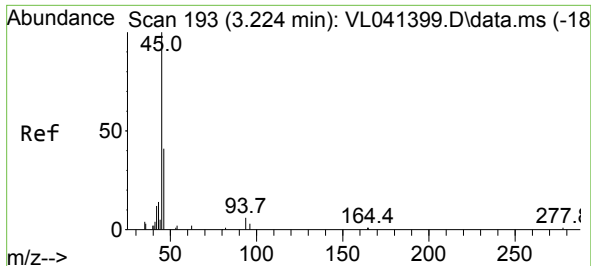
Tgt Ion: 43 Resp: 171134
 Ion Ratio Lower Upper
 43 100
 57 52.6 40.5 60.7



#11
 Trichlorofluoromethane
 Concen: 0.238 ppbv
 RT: 3.558 min Scan# 297
 Delta R.T. 0.013 min
 Lab File: VL041431.D
 Acq: 29 Jul 2024 16:18

Tgt Ion: 101 Resp: 40976
 Ion Ratio Lower Upper
 101 100
 103 63.5 52.6 79.0

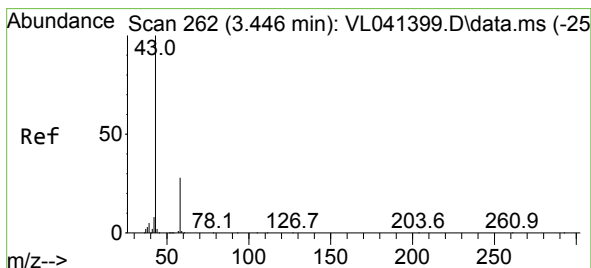
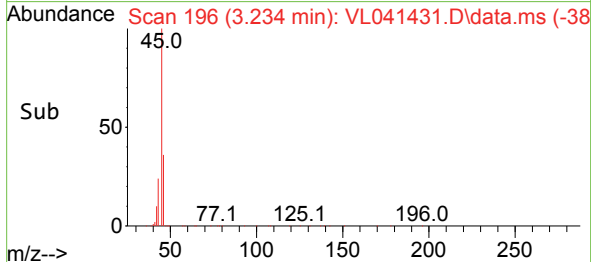
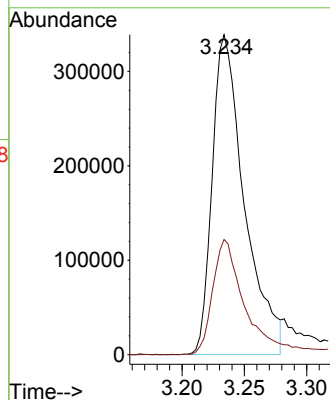
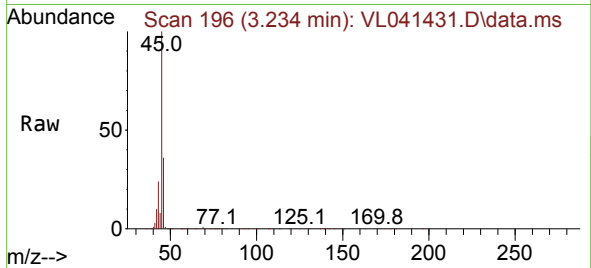




#13
Ethanol
Concen: 110.491 ppbv
RT: 3.234 min Scan# 196
Delta R.T. 0.006 min
Lab File: VL041431.D
Acq: 29 Jul 2024 16:18

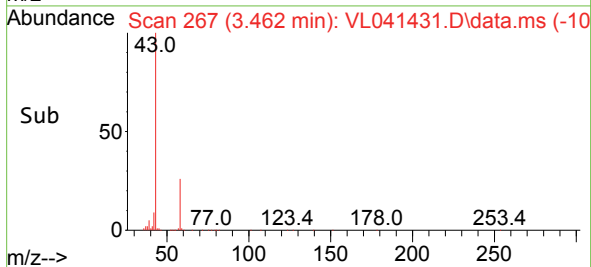
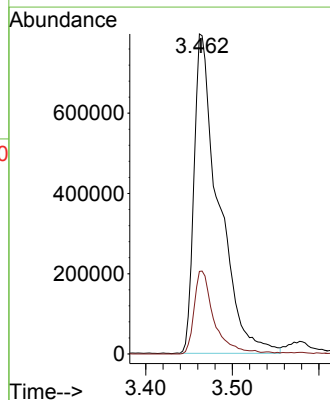
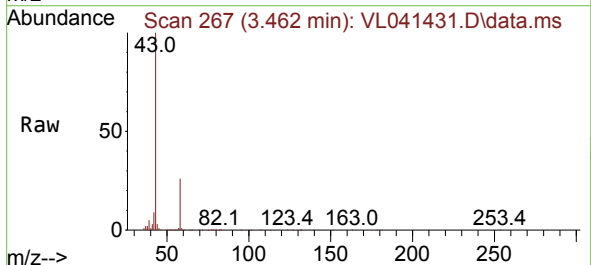
Instrument :
MSVOA_L
ClientSampleId :

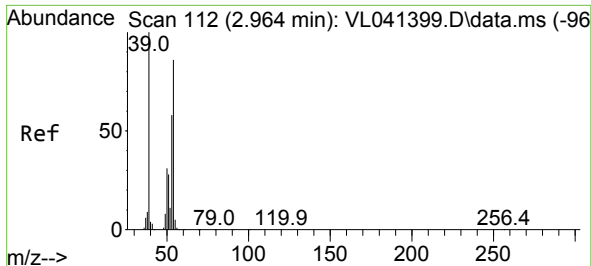
Tgt Ion: 45 Resp: 608208
Ion Ratio Lower Upper
45 100
46 38.1 13.4 53.4



#15
Acetone
Concen: 12.225 ppbv
RT: 3.462 min Scan# 267
Delta R.T. 0.010 min
Lab File: VL041431.D
Acq: 29 Jul 2024 16:18

Tgt Ion: 43 Resp: 1564317
Ion Ratio Lower Upper
43 100
58 21.4 21.4 32.2#

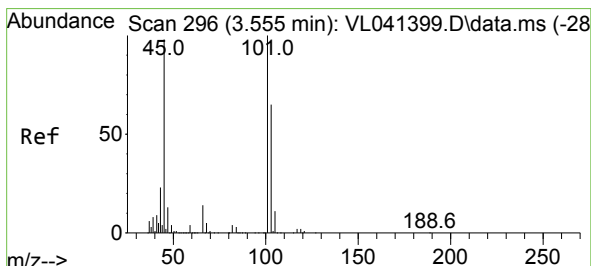
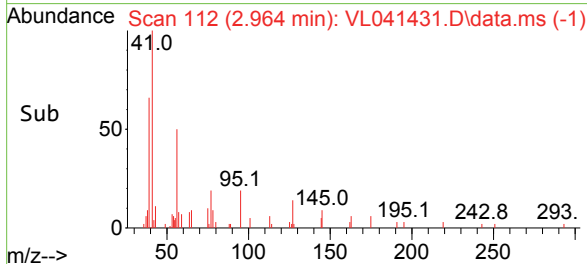
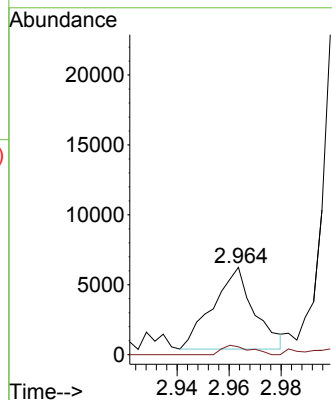
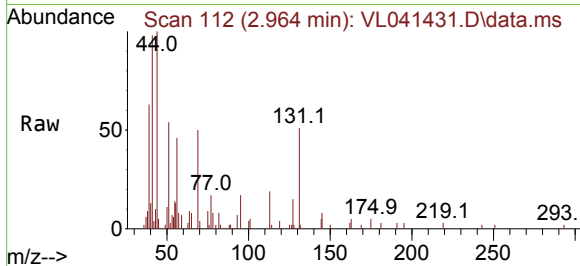




#16
1,3-Butadiene
Concen: 0.094 ppbv
RT: 2.964 min Scan# 112
Delta R.T. -0.003 min
Lab File: VL041431.D
Acq: 29 Jul 2024 16:18

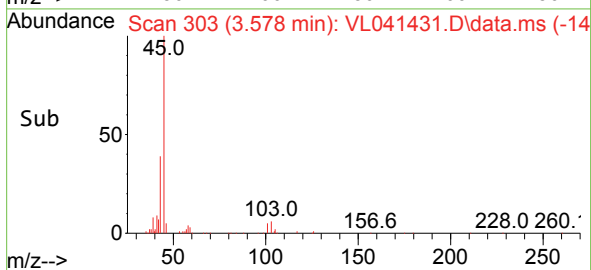
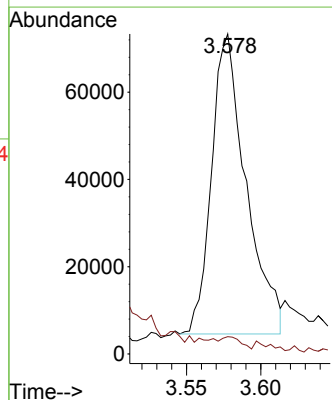
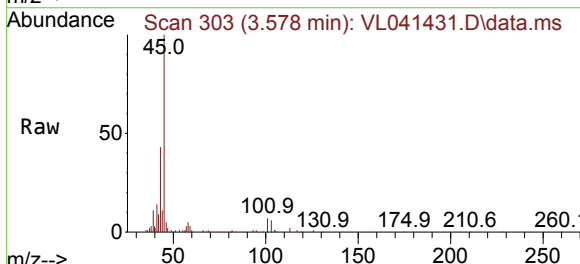
Instrument :
MSVOA_L
ClientSampleId :

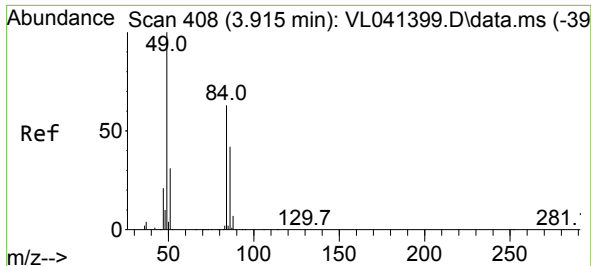
Tgt Ion: 39 Resp: 6435
Ion Ratio Lower Upper
39 100
54 7.8 62.5 93.7#



#19
Isopropyl Alcohol
Concen: 1.483 ppbv
RT: 3.578 min Scan# 303
Delta R.T. 0.016 min
Lab File: VL041431.D
Acq: 29 Jul 2024 16:18

Tgt Ion: 45 Resp: 110905
Ion Ratio Lower Upper
45 100
58 303.8 1.9 2.9#

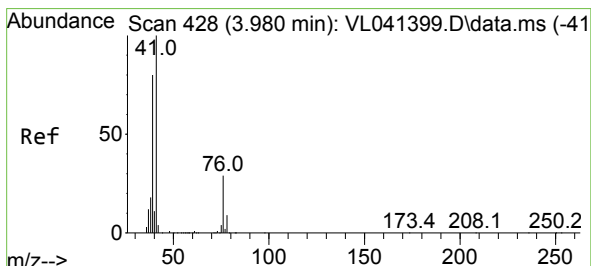
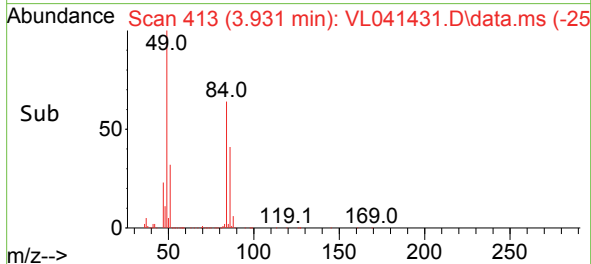
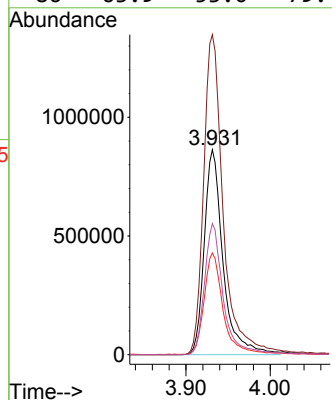
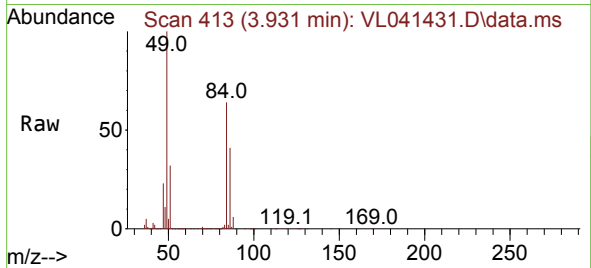




#20
Methylene Chloride
Concen: 28.217 ppbv
RT: 3.931 min Scan# 413
Delta R.T. 0.013 min
Lab File: VL041431.D
Acq: 29 Jul 2024 16:18

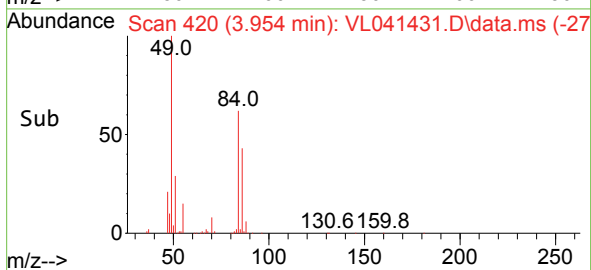
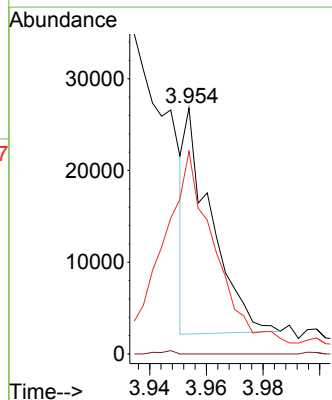
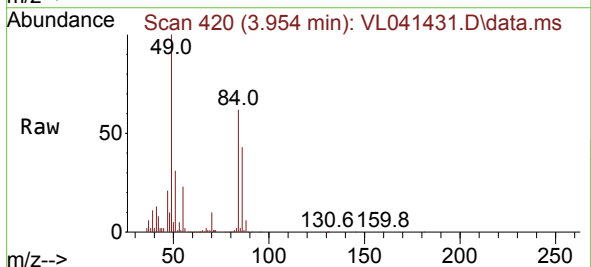
Instrument :
MSVOA_L
ClientSampleId :

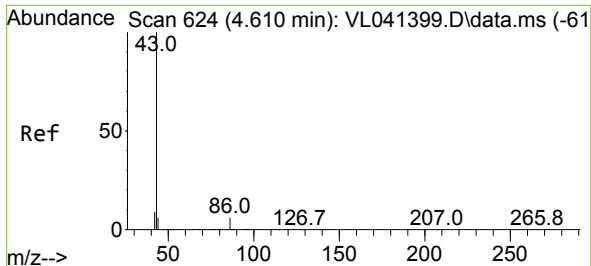
Tgt Ion: 84 Resp: 1346398
Ion Ratio Lower Upper
84 100
49 156.1 126.6 190.0
51 49.5 38.6 58.0
86 63.9 53.0 79.4



#21
Allyl Chloride
Concen: 0.188 ppbv
RT: 3.954 min Scan# 420
Delta R.T. -0.026 min
Lab File: VL041431.D
Acq: 29 Jul 2024 16:18

Tgt Ion: 41 Resp: 15778
Ion Ratio Lower Upper
41 100
76 0.9 23.7 35.5#
39 210.3 64.3 96.5#

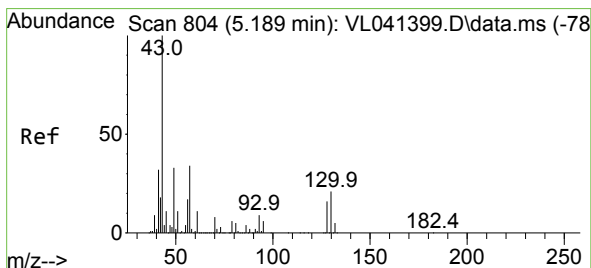
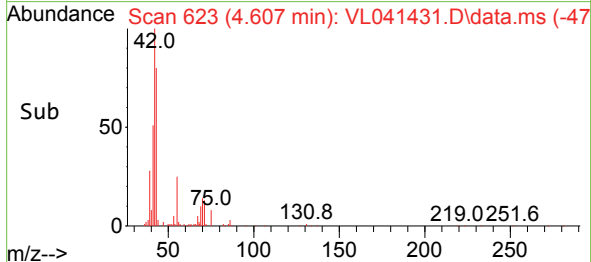
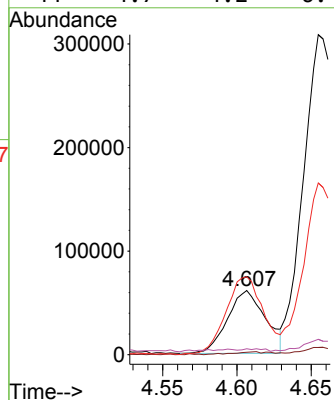
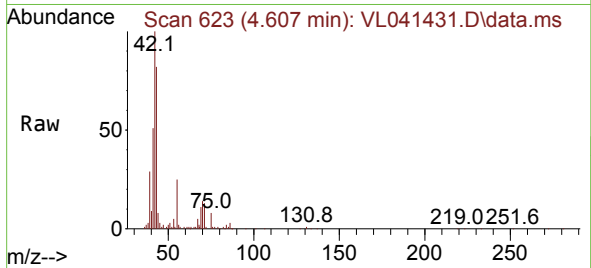




#23
 Vinyl Acetate
 Concen: 1.107 ppbv
 RT: 4.607 min Scan# 61
 Delta R.T. -0.006 min
 Lab File: VL041431.D
 Acq: 29 Jul 2024 16:18

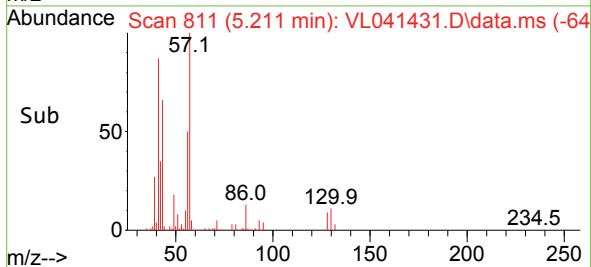
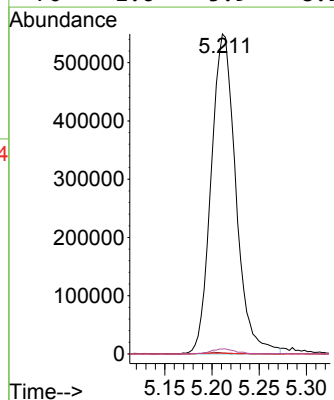
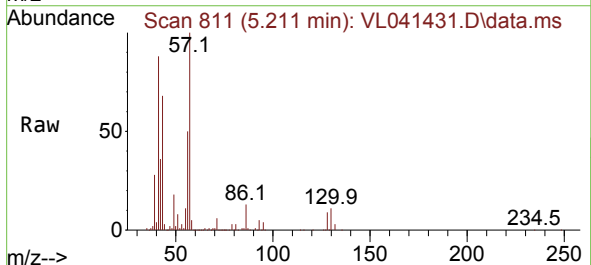
Instrument :
 MSVOA_L
 ClientSampleId :

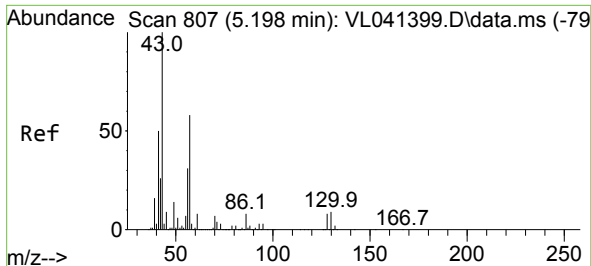
Tgt Ion: 43 Resp: 108166
 Ion Ratio Lower Upper
 43 100
 86 3.5 4.6 6.8#
 42 123.6 7.9 11.9#
 44 4.7 4.2 6.4



#25
 Ethyl Acetate
 Concen: 3.931 ppbv
 RT: 5.211 min Scan# 811
 Delta R.T. 0.019 min
 Lab File: VL041431.D
 Acq: 29 Jul 2024 16:18

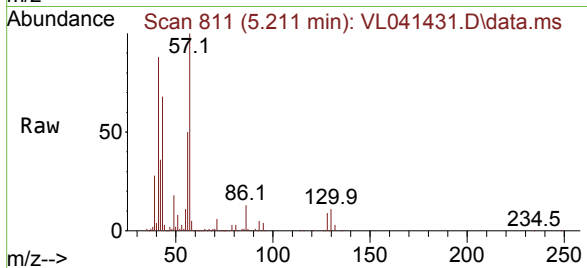
Tgt Ion: 43 Resp: 999301
 Ion Ratio Lower Upper
 43 100
 45 0.5 8.5 12.7#
 61 0.4 8.0 12.0#
 70 1.6 5.9 8.9#



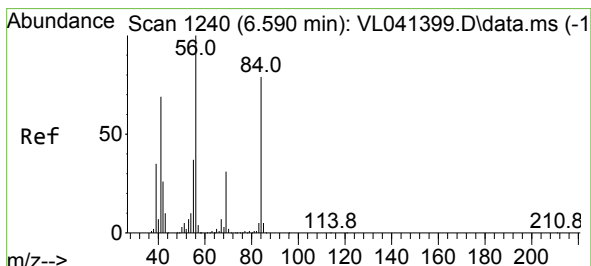
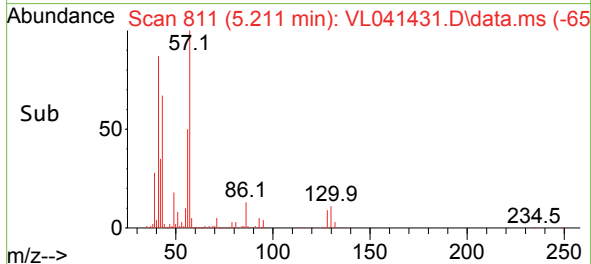
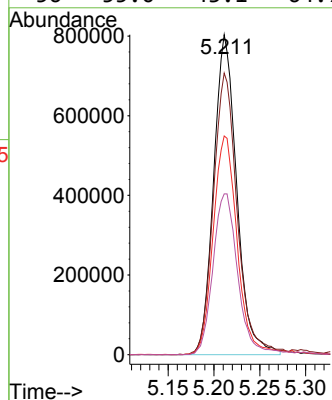


#26
Hexane
Concen: 13.341 ppbv
RT: 5.211 min Scan# 811
Delta R.T. 0.013 min
Lab File: VL041431.D
Acq: 29 Jul 2024 16:18

Instrument :
MSVOA_L
ClientSampleId :

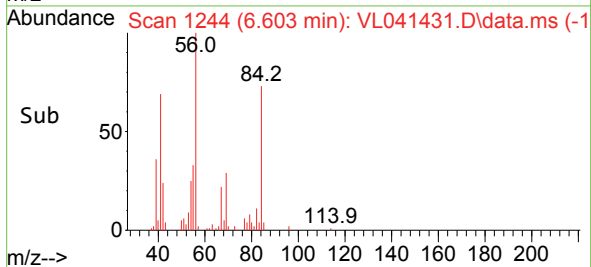
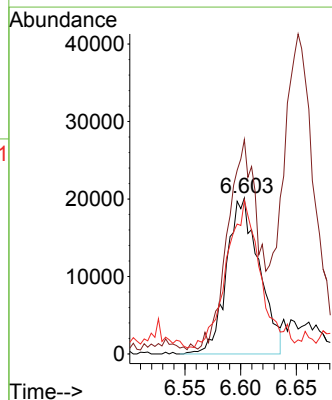
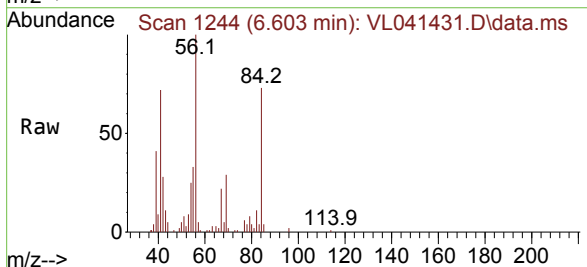


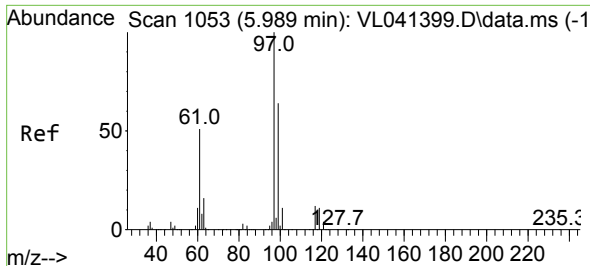
Tgt Ion: 57 Resp: 1406848
Ion Ratio Lower Upper
57 100
41 92.9 74.0 111.0
43 72.0 193.6 290.4#
56 55.0 43.1 64.7



#30
Cyclohexane
Concen: 0.481 ppbv
RT: 6.603 min Scan# 1244
Delta R.T. 0.010 min
Lab File: VL041431.D
Acq: 29 Jul 2024 16:18

Tgt Ion: 84 Resp: 41304
Ion Ratio Lower Upper
84 100
56 126.3 111.2 166.8
41 96.7 70.3 105.5

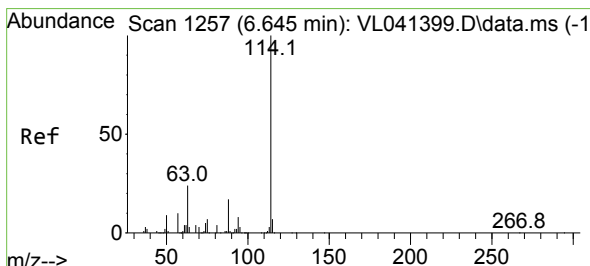
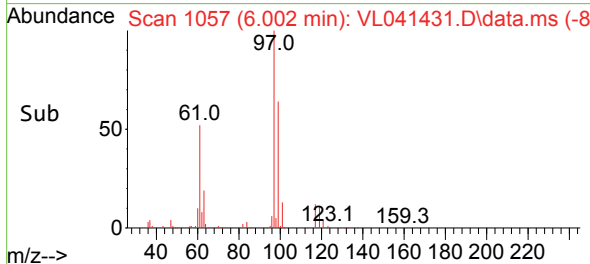
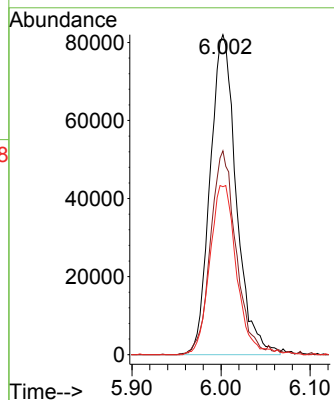
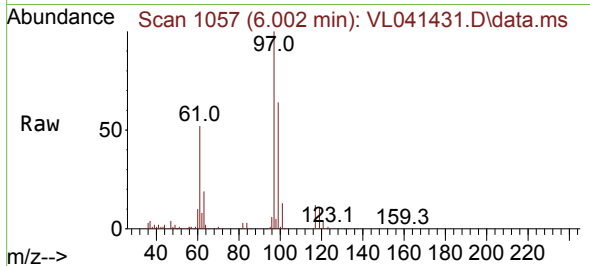




#32
 1,1,1-Trichloroethane
 Concen: 0.998 ppbv
 RT: 6.002 min Scan# 1057
 Delta R.T. 0.010 min
 Lab File: VL041431.D
 Acq: 29 Jul 2024 16:18

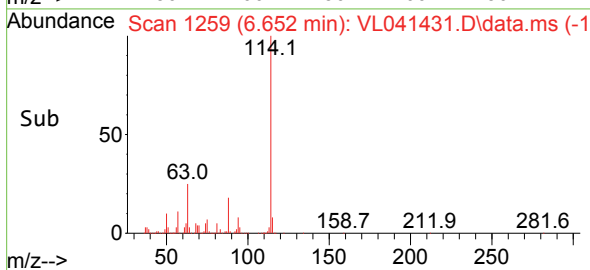
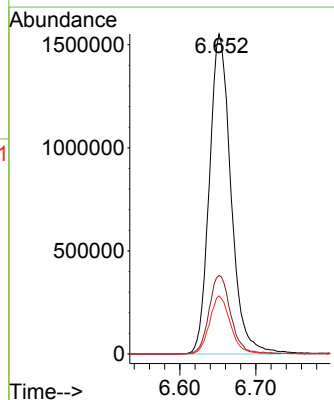
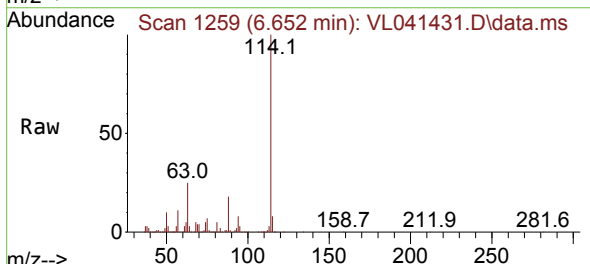
Instrument :
 MSVOA_L
 ClientSampleId :

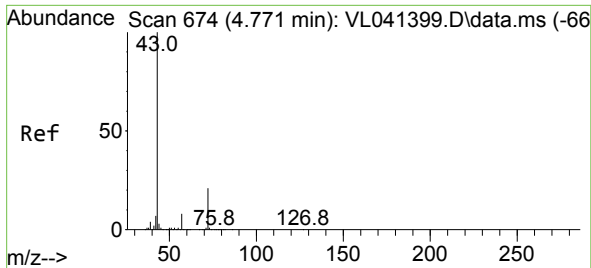
Tgt Ion: 97 Resp: 167055
 Ion Ratio Lower Upper
 97 100
 99 63.3 52.0 78.0
 61 54.5 41.8 62.8



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 6.652 min Scan# 1259
 Delta R.T. 0.006 min
 Lab File: VL041431.D
 Acq: 29 Jul 2024 16:18

Tgt Ion: 114 Resp: 3050774
 Ion Ratio Lower Upper
 114 100
 63 25.0 20.3 30.5
 88 17.7 14.3 21.5

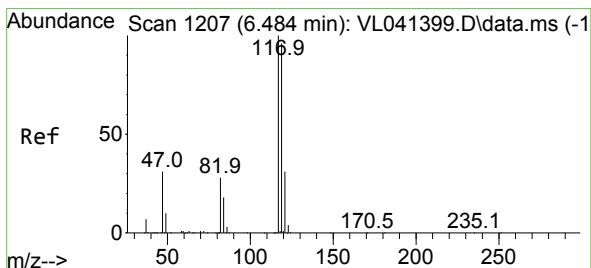
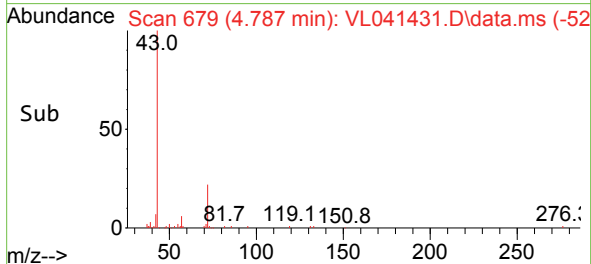
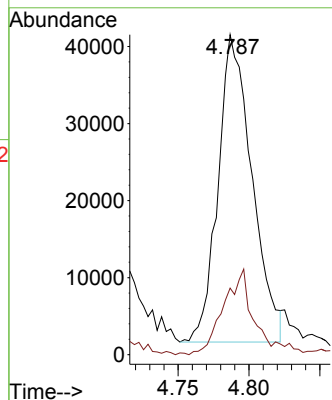
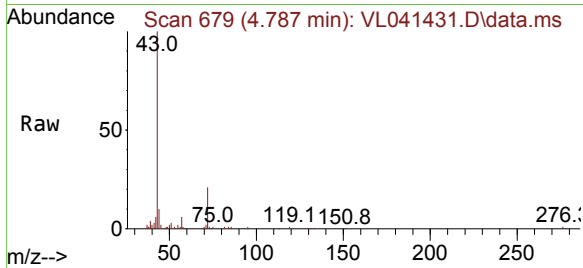




#34
2-Butanone
Concen: 0.451 ppbv
RT: 4.787 min Scan# 61
Delta R.T. 0.013 min
Lab File: VL041431.D
Acq: 29 Jul 2024 16:18

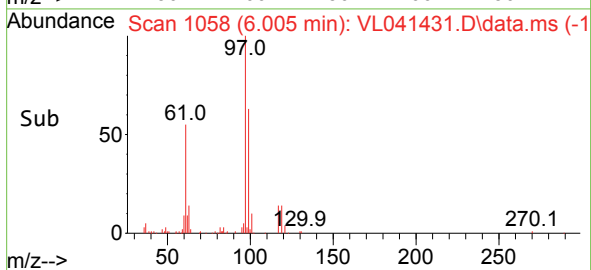
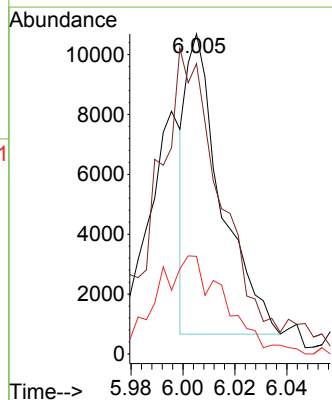
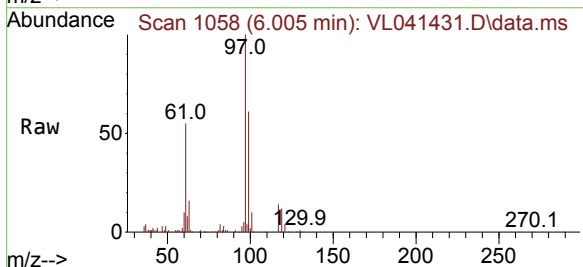
Instrument :
MSVOA_L
ClientSampleId :

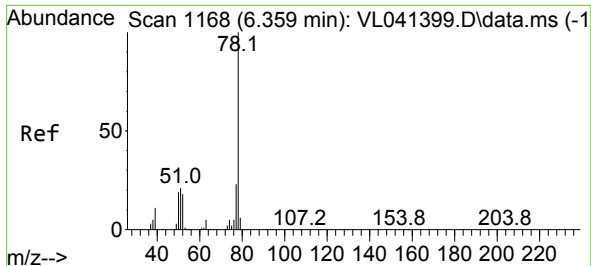
Tgt Ion: 43 Resp: 66489
Ion Ratio Lower Upper
43 100
72 26.5 17.3 25.9#



#35
Carbon Tetrachloride
Concen: 0.056 ppbv
RT: 6.005 min Scan# 1058
Delta R.T. -0.479 min
Lab File: VL041431.D
Acq: 29 Jul 2024 16:18

Tgt Ion: 117 Resp: 9379
Ion Ratio Lower Upper
117 100
119 89.5 76.6 115.0
121 29.5 25.1 37.7

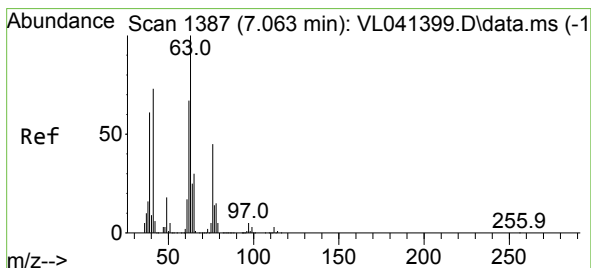
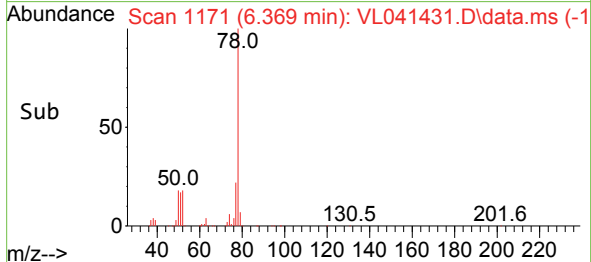
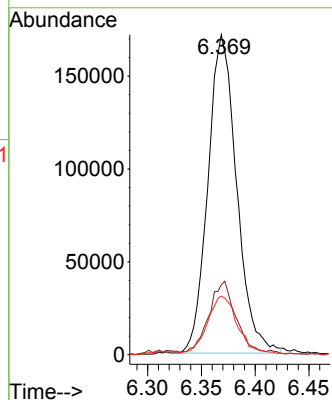
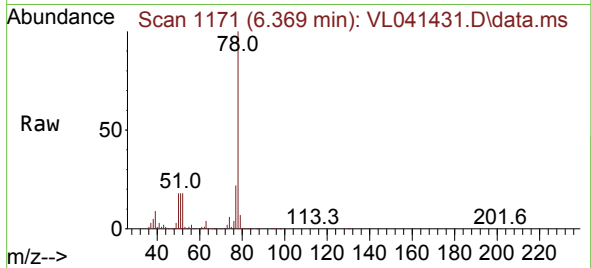




#36
Benzene
Concen: 1.430 ppbv
RT: 6.369 min Scan# 1168
Delta R.T. 0.010 min
Lab File: VL041431.D
Acq: 29 Jul 2024 16:18

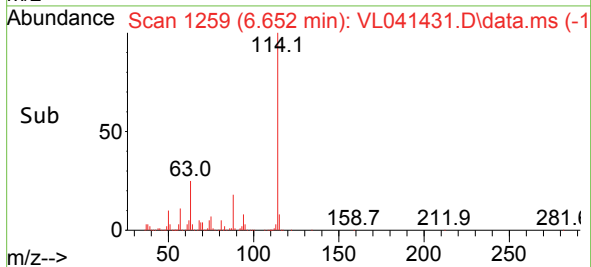
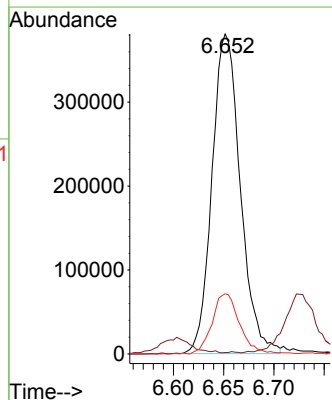
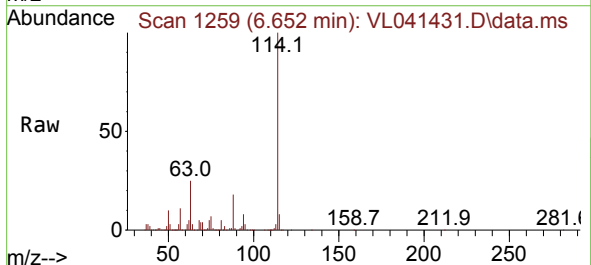
Instrument :
MSVOA_L
ClientSampleId :

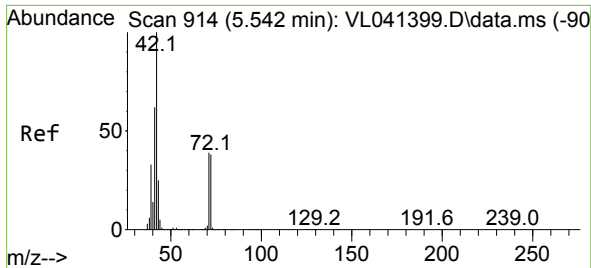
Tgt Ion: 78 Resp: 318731
Ion Ratio Lower Upper
78 100
77 21.5 18.1 27.1
50 17.9 15.5 23.3



#39
1,2-Dichloropropane
Concen: 8.738 ppbv
RT: 6.652 min Scan# 1259
Delta R.T. -0.412 min
Lab File: VL041431.D
Acq: 29 Jul 2024 16:18

Tgt Ion: 63 Resp: 745713
Ion Ratio Lower Upper
63 100
41 0.0 58.3 87.5#
62 18.6 53.9 80.9#





#41

Tetrahydrofuran

Concen: 0.070 ppbv

RT: 5.568 min Scan# 914

Delta R.T. 0.022 min

Lab File: VL041431.D

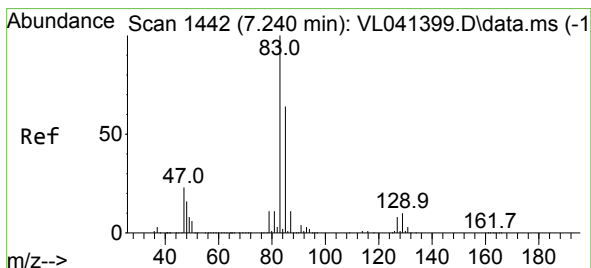
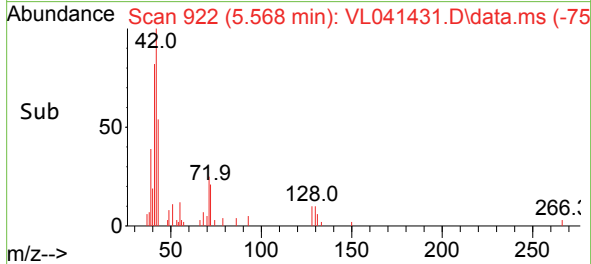
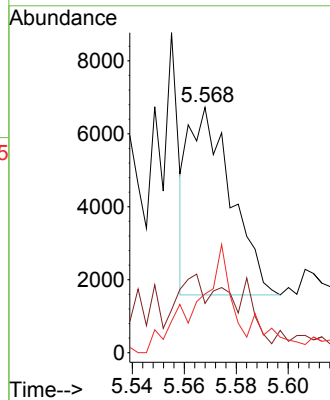
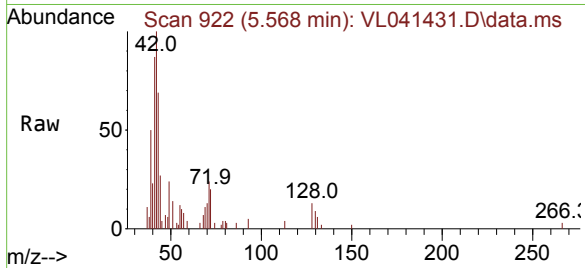
Acq: 29 Jul 2024 16:18

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:	42	Resp:	5892
Ion	Ratio	Lower	Upper
42	100		
72	105.9	31.2	46.8#
71	64.8	30.5	45.7#



#42

Bromodichloromethane

Concen: 0.031 ppbv

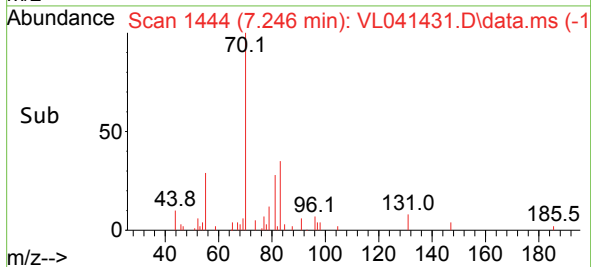
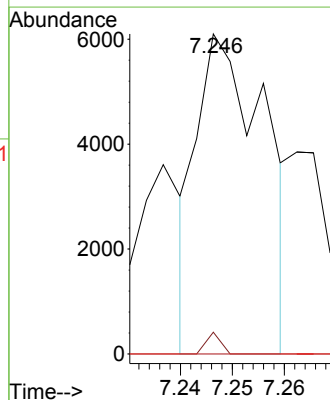
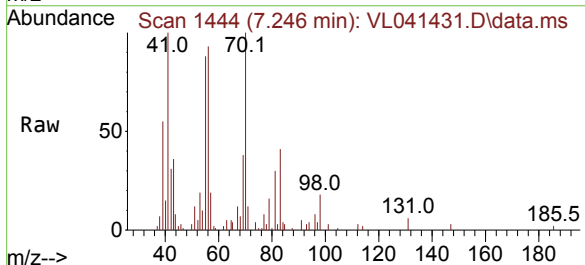
RT: 7.246 min Scan# 1444

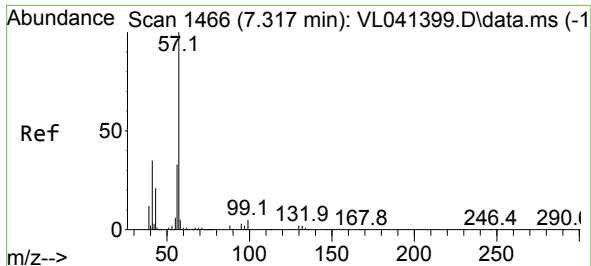
Delta R.T. 0.006 min

Lab File: VL041431.D

Acq: 29 Jul 2024 16:18

Tgt Ion:	83	Resp:	5548
Ion	Ratio	Lower	Upper
83	100		
85	13.4	51.4	77.0#
127	0.0	6.7	10.1#

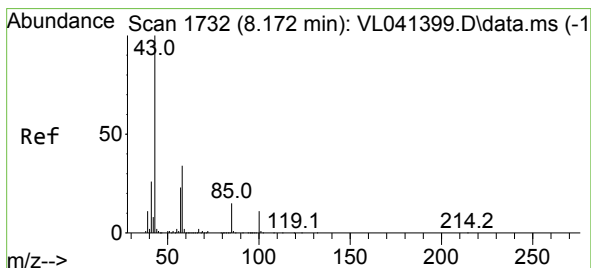
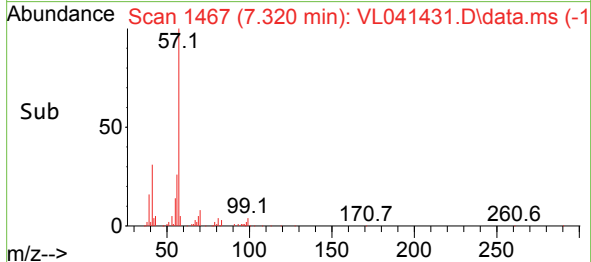
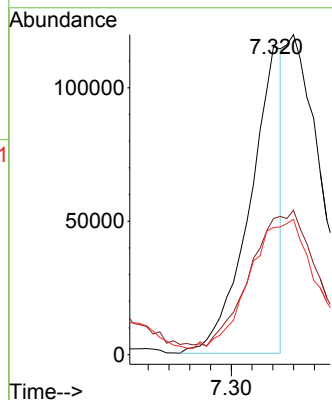
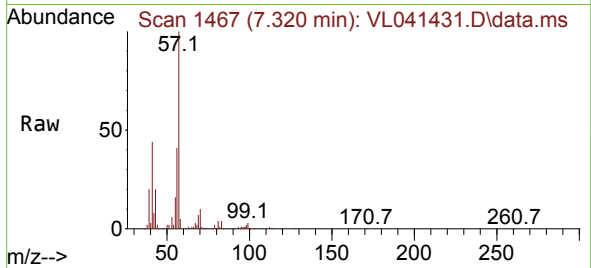




#44
2,2,4-Trimethylpentane
Concen: 0.333 ppbv
RT: 7.320 min Scan# 1466
Delta R.T. 0.003 min
Lab File: VL041431.D
Acq: 29 Jul 2024 16:18

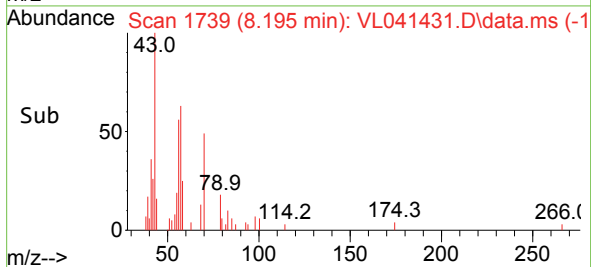
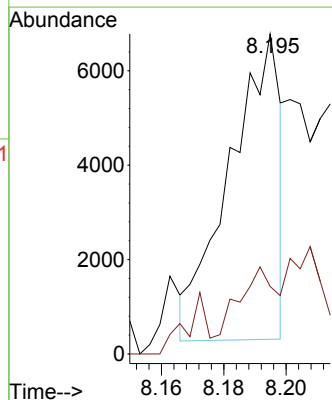
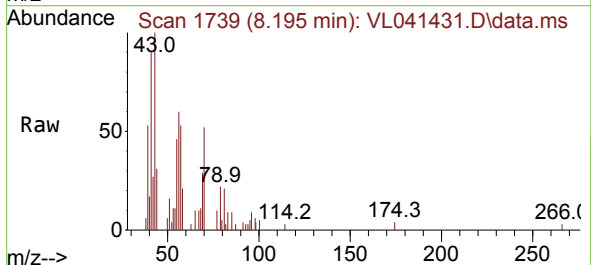
Instrument :
MSVOA_L
ClientSampleId :

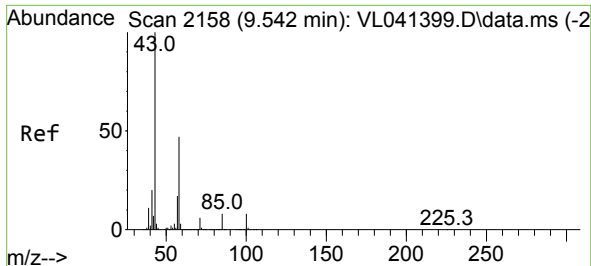
Tgt Ion: 57 Resp: 123888
Ion Ratio Lower Upper
57 100
41 0.0 27.0 40.6#
56 0.0 25.2 37.8#



#50
4-Methyl-2-Pentanone
Concen: 0.031 ppbv
RT: 8.195 min Scan# 1739
Delta R.T. 0.023 min
Lab File: VL041431.D
Acq: 29 Jul 2024 16:18

Tgt Ion: 43 Resp: 7282
Ion Ratio Lower Upper
43 100
58 0.0 27.9 41.9#

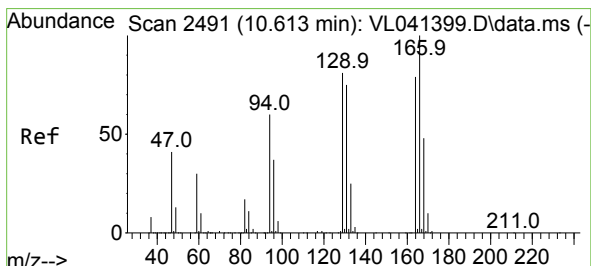
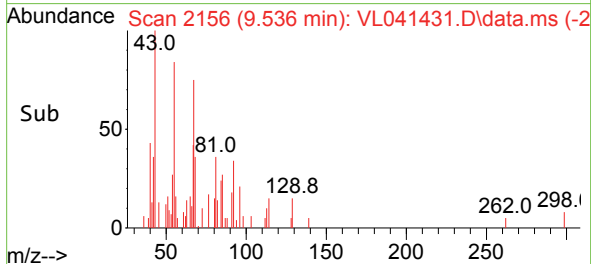
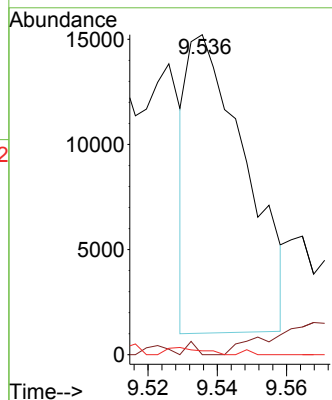
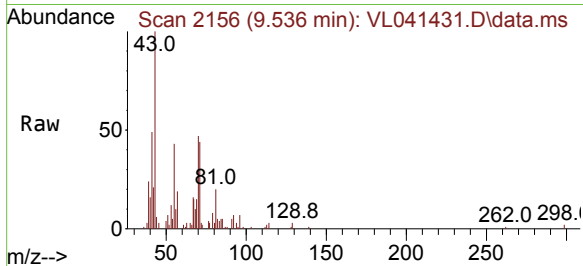




#51
2-Hexanone
Concen: 0.093 ppbv
RT: 9.536 min Scan# 2158
Delta R.T. -0.006 min
Lab File: VL041431.D
Acq: 29 Jul 2024 16:18

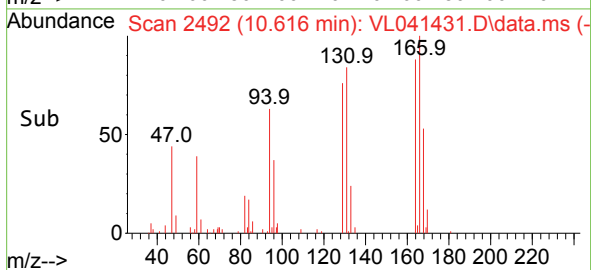
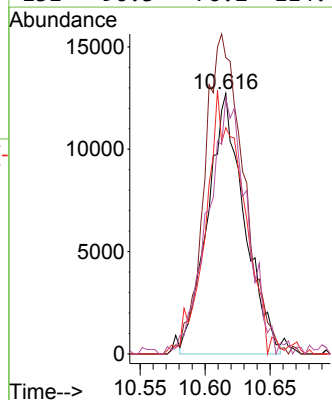
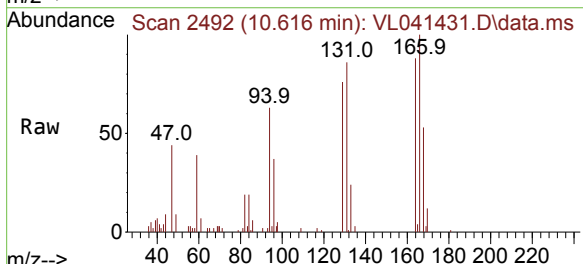
Instrument :
MSVOA_L
ClientSampleId :

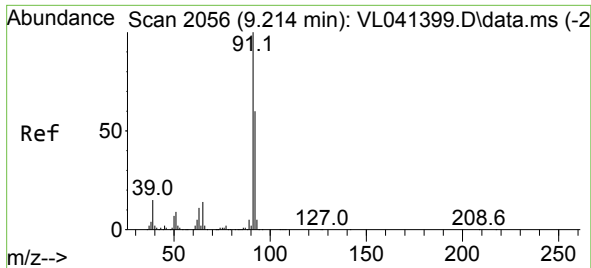
Tgt Ion: 43 Resp: 16433
Ion Ratio Lower Upper
43 100
58 0.0 38.2 57.2#
98 0.0 0.3 0.5#



#52
Tetrachloroethene
Concen: 0.291 ppbv
RT: 10.616 min Scan# 2492
Delta R.T. 0.006 min
Lab File: VL041431.D
Acq: 29 Jul 2024 16:18

Tgt Ion: 164 Resp: 25075
Ion Ratio Lower Upper
164 100
166 114.4 101.1 151.7
129 86.8 81.7 122.5
131 96.3 76.2 114.4

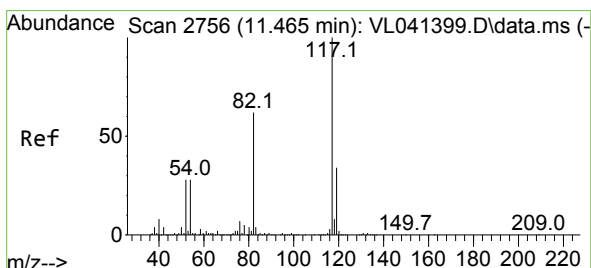
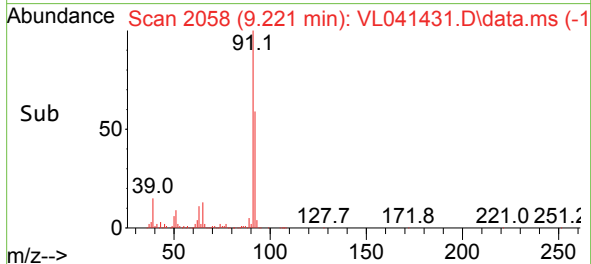
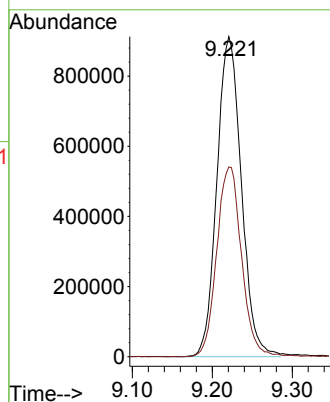
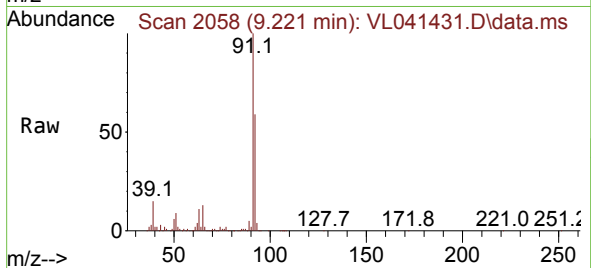




#53
Toluene
Concen: 7.801 ppbv
RT: 9.221 min Scan# 2056
Delta R.T. 0.003 min
Lab File: VL041431.D
Acq: 29 Jul 2024 16:18

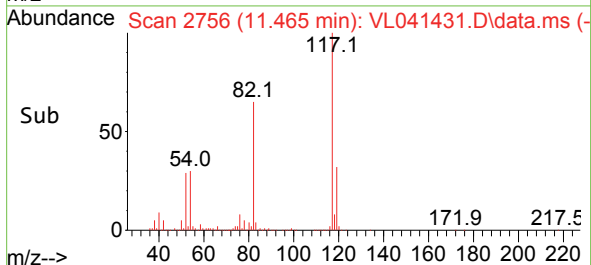
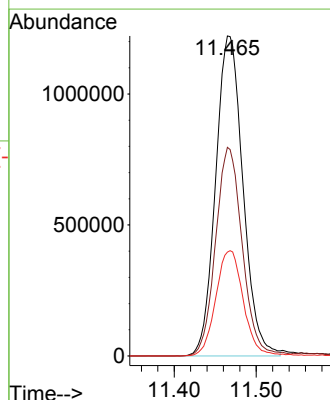
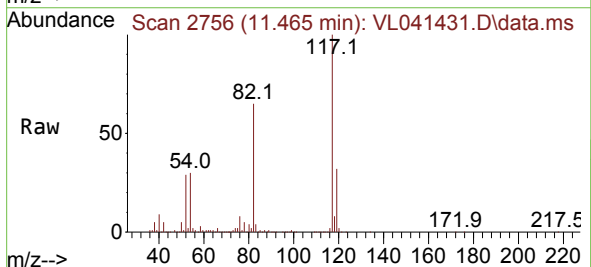
Instrument :
MSVOA_L
ClientSampleId :

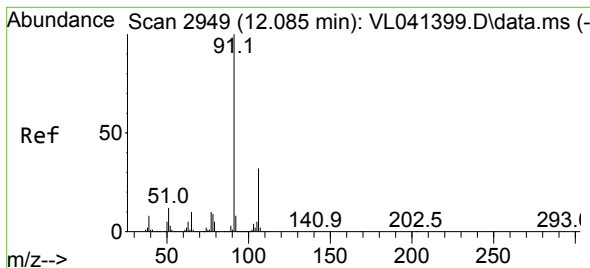
Tgt Ion: 91 Resp: 1936943
Ion Ratio Lower Upper
91 100
92 60.5 48.7 73.1



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.465 min Scan# 2756
Delta R.T. -0.000 min
Lab File: VL041431.D
Acq: 29 Jul 2024 16:18

Tgt Ion: 117 Resp: 2833411
Ion Ratio Lower Upper
117 100
82 65.1 51.0 76.6
119 33.4 45.2 67.8#





#58

Ethyl Benzene

Concen: 1.117 ppbv

RT: 12.089 min Scan# 2949

Delta R.T. 0.003 min

Lab File: VL041431.D

Acq: 29 Jul 2024 16:18

Instrument :

MSVOA_L

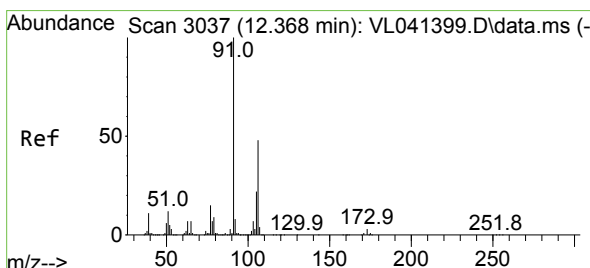
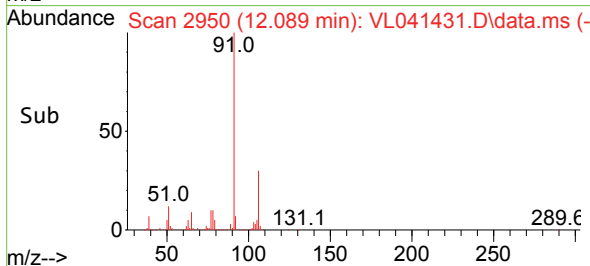
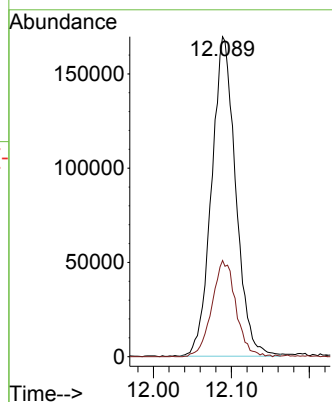
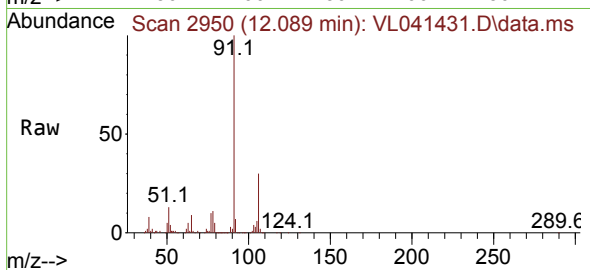
ClientSampleId :

Tgt Ion: 91 Resp: 364728

Ion Ratio Lower Upper

91 100

106 30.1 25.8 38.8



#59

m/p-Xylene

Concen: 3.951 ppbv

RT: 12.343 min Scan# 3029

Delta R.T. -0.026 min

Lab File: VL041431.D

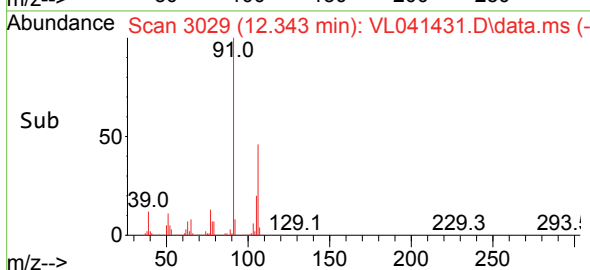
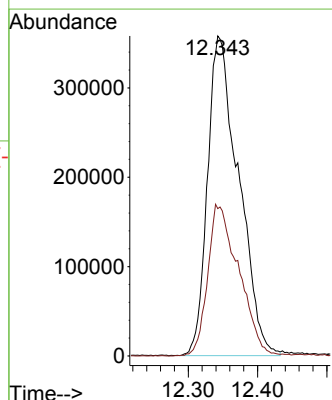
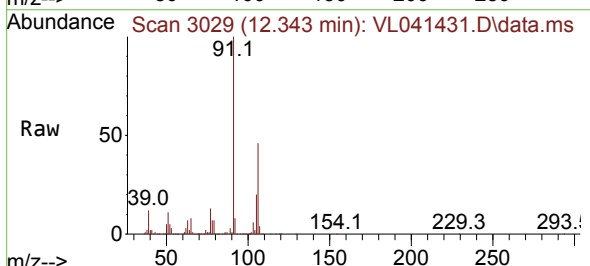
Acq: 29 Jul 2024 16:18

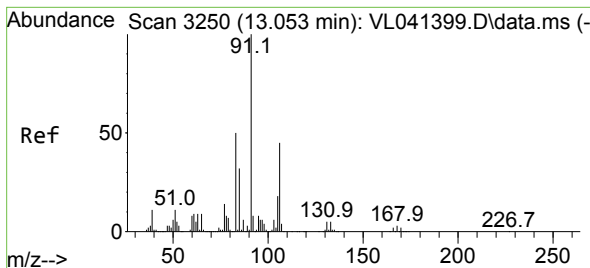
Tgt Ion: 91 Resp: 1113775

Ion Ratio Lower Upper

91 100

106 47.9 36.3 54.5

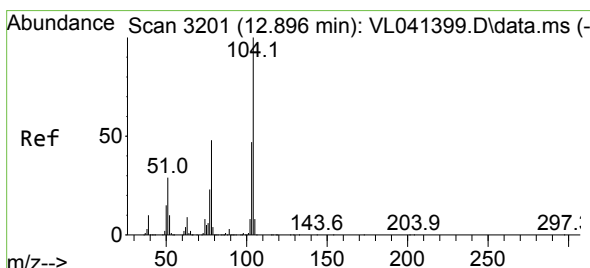
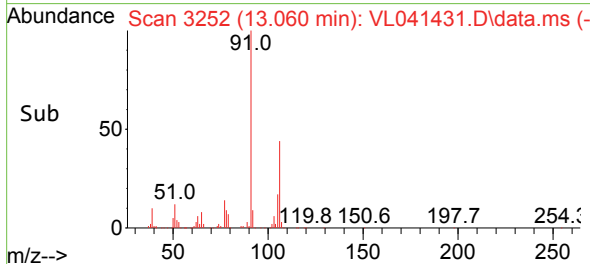
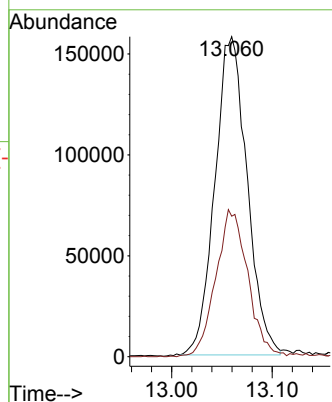
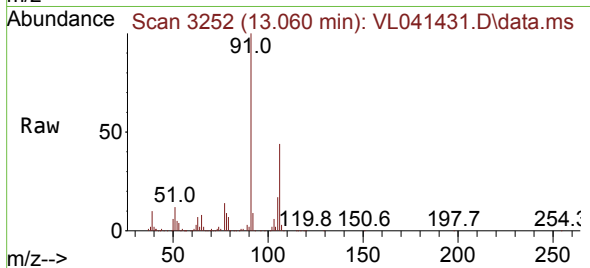




#60
o-Xylene
Concen: 1.316 ppbv
RT: 13.060 min Scan# 3199
Delta R.T. 0.003 min
Lab File: VL041431.D
Acq: 29 Jul 2024 16:18

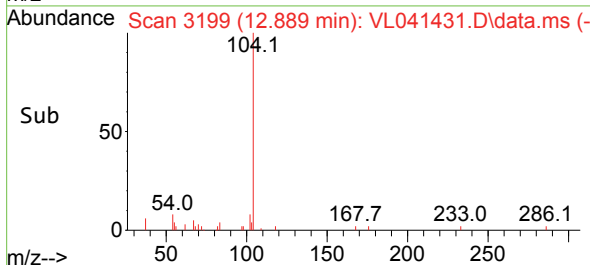
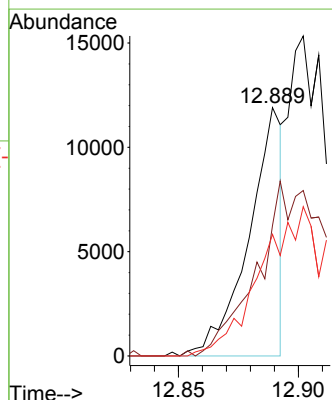
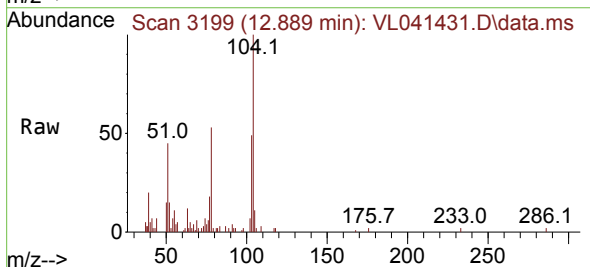
Instrument :
MSVOA_L
ClientSampleId :

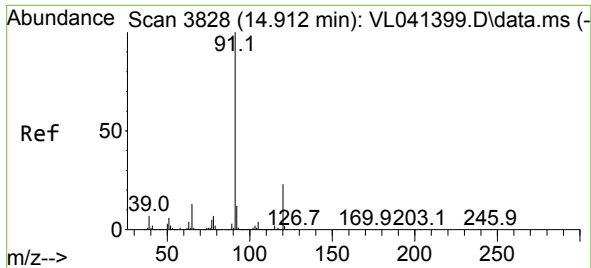
Tgt Ion: 91 Resp: 351084
Ion Ratio Lower Upper
91 100
106 45.9 23.1 69.3



#61
Styrene
Concen: 0.095 ppbv
RT: 12.889 min Scan# 3199
Delta R.T. -0.006 min
Lab File: VL041431.D
Acq: 29 Jul 2024 16:18

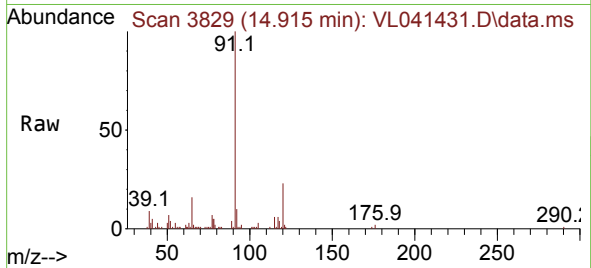
Tgt Ion:104 Resp: 11428
Ion Ratio Lower Upper
104 100
78 160.7 40.8 61.2#
103 0.0 38.2 57.4#



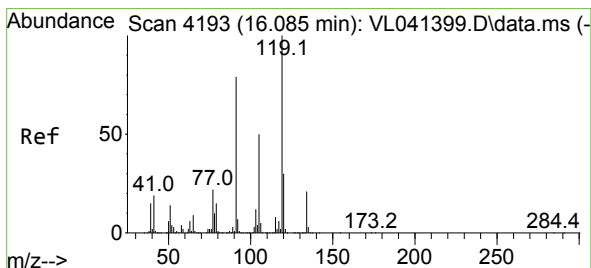
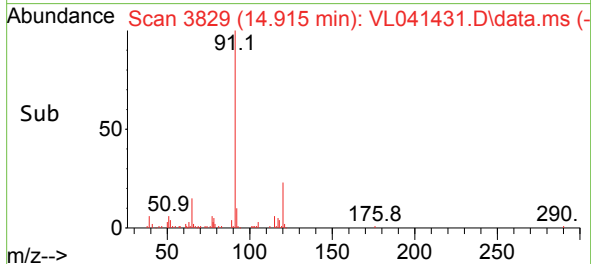
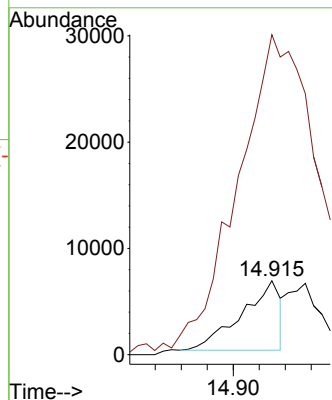


#64
n-propylbenzene
Concen: 0.064 ppbv
RT: 14.915 min Scan# 3829
Delta R.T. -0.000 min
Lab File: VL041431.D
Acq: 29 Jul 2024 16:18

Instrument :
MSVOA_L
ClientSampleId :

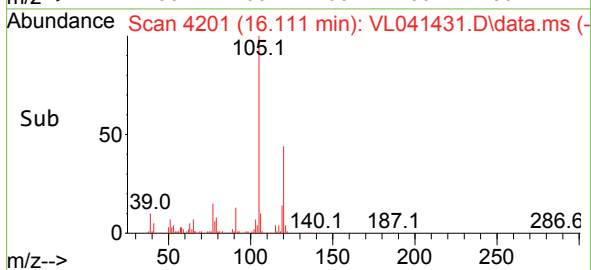
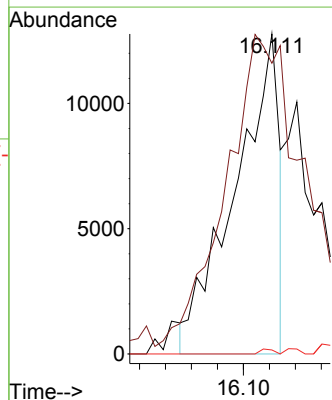
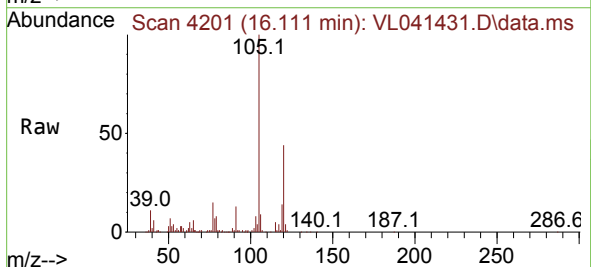


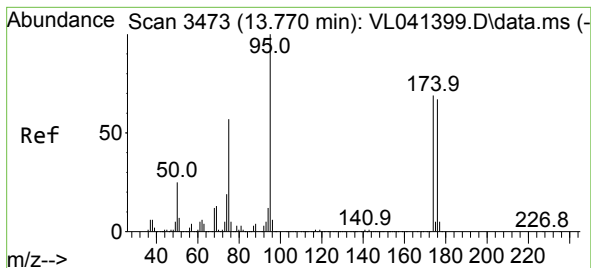
Tgt Ion:120 Resp: 6755
Ion Ratio Lower Upper
120 100
91 1061.6 361.4 542.0#



#65
tert-Butylbenzene
Concen: 0.041 ppbv
RT: 16.111 min Scan# 4201
Delta R.T. 0.019 min
Lab File: VL041431.D
Acq: 29 Jul 2024 16:18

Tgt Ion:119 Resp: 14972
Ion Ratio Lower Upper
119 100
91 194.6 64.2 96.2#
134 0.0 15.7 23.5#





#68

1-Bromo-4-Fluorobenzene

Concen: 10.138 ppbv

RT: 13.777 min Scan# 3473

Delta R.T. 0.003 min

Lab File: VL041431.D

Acq: 29 Jul 2024 16:18

Instrument :

MSVOA_L

ClientSampleId :

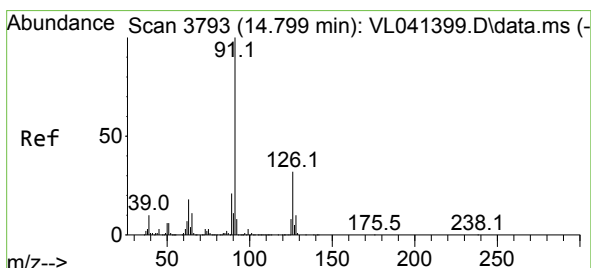
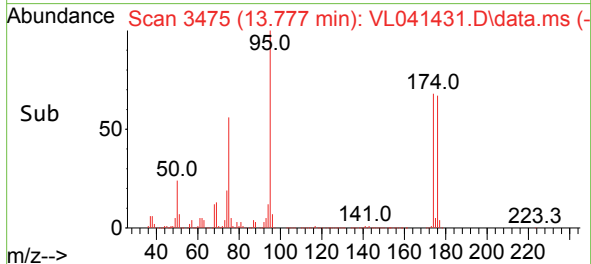
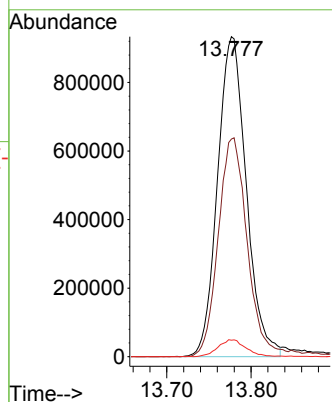
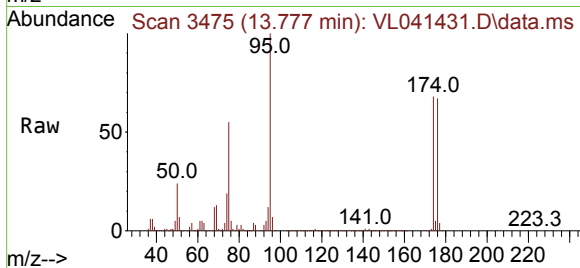
Tgt Ion: 95 Resp: 2210530

Ion Ratio Lower Upper

95 100

174 70.5 56.3 84.5

175 5.3 4.0 6.0



#71

2-Chlorotoluene

Concen: 0.225 ppbv

RT: 14.915 min Scan# 3829

Delta R.T. 0.116 min

Lab File: VL041431.D

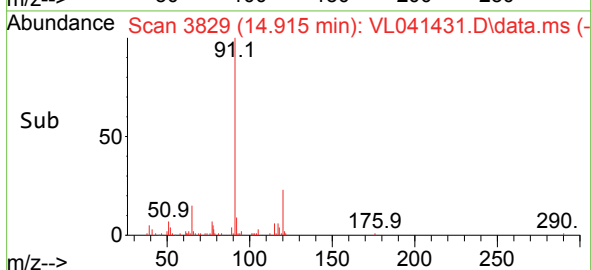
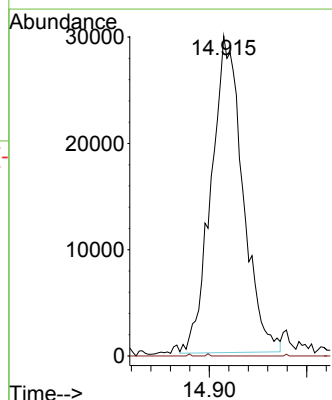
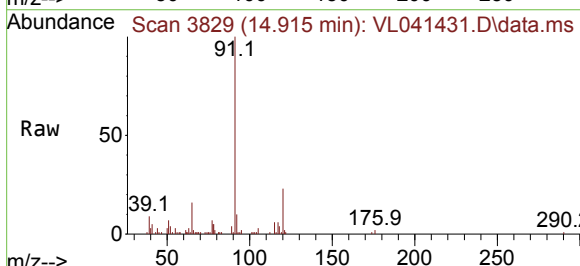
Acq: 29 Jul 2024 16:18

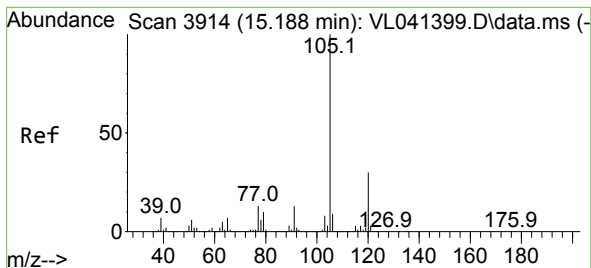
Tgt Ion: 91 Resp: 67342

Ion Ratio Lower Upper

91 100

126 0.0 12.7 50.9#





#72

4-Ethyltoluene

Concen: 0.277 ppbv

RT: 15.195 min Scan# 3916

Delta R.T. 0.003 min

Lab File: VL041431.D

Acq: 29 Jul 2024 16:18

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:105 Resp: 87119

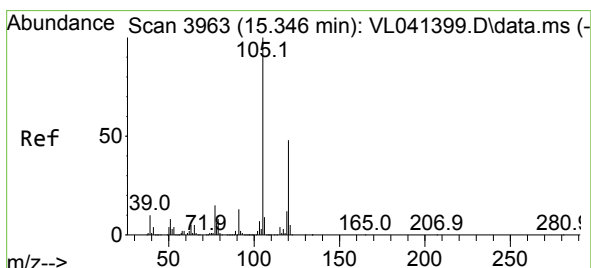
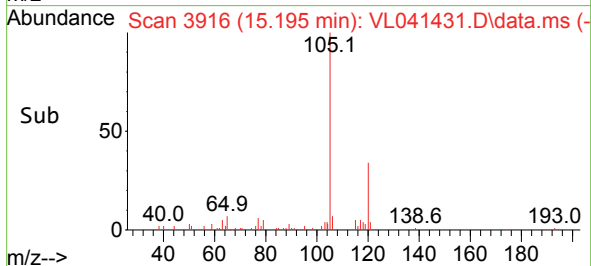
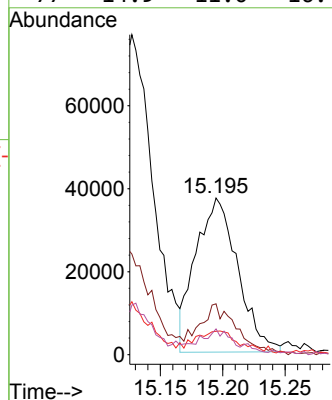
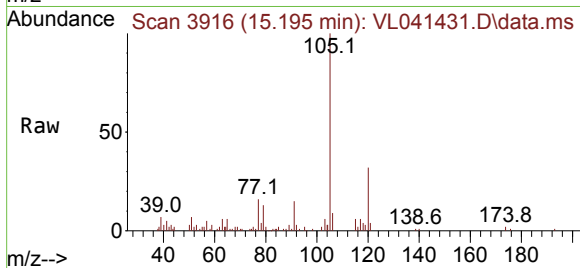
Ion Ratio Lower Upper

105 100

120 29.6 24.2 36.2

91 17.3 10.4 15.6#

77 14.9 11.0 16.4



#73

1,3,5-Trimethylbenzene

Concen: 0.127 ppbv

RT: 15.349 min Scan# 3964

Delta R.T. -0.000 min

Lab File: VL041431.D

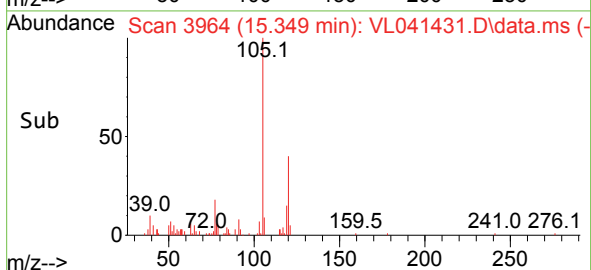
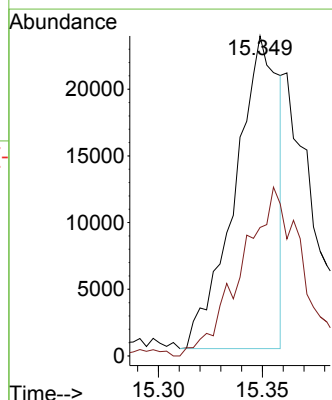
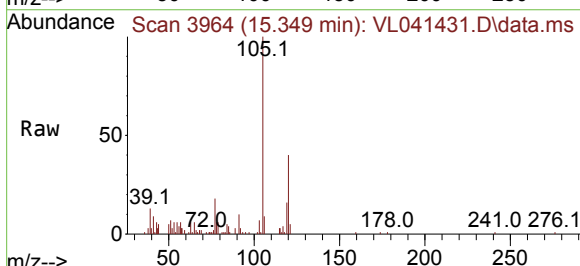
Acq: 29 Jul 2024 16:18

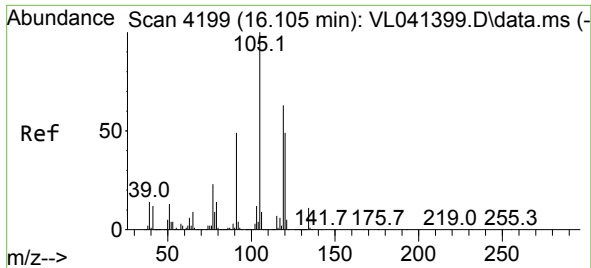
Tgt Ion:105 Resp: 34372

Ion Ratio Lower Upper

105 100

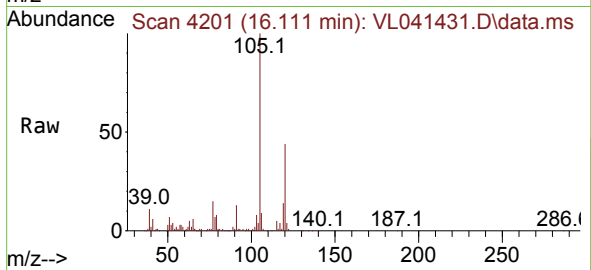
120 41.1 38.6 57.8





#74
 1,2,4-Trimethylbenzene
 Concen: 0.700 ppbv
 RT: 16.111 min Scan# 4199
 Delta R.T. 0.003 min
 Lab File: VL041431.D
 Acq: 29 Jul 2024 16:18

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion:	105	Resp:	220168
Ion	Ratio	Lower	Upper
105	100		
120	44.2	39.5	59.3
91	12.5	39.8	59.8#
77	14.0	18.2	27.4#

