

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092122\
 Data File : VL039641.D
 Acq On : 21 Sep 2022 19:00
 Operator : SY/AP
 Sample : N4669-01DUP
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 C0PF3DUP

Quant Time: Sep 22 08:18:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Sep 19 14:26:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.211	49	1081374	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.674	114	2707141	10.000	ppbv	0.01
55) Chlorobenzene-d5	11.484	117	2484361	10.000	ppbv	0.01

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.790	95	1954103	10.537	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.400%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.758	85	88206	0.704	ppbv	98
4) Chloromethane	2.845	50	31797	0.411	ppbv #	86
9) Propene	2.899	41	557772	9.517	ppbv	99
10) Heptane	7.590	43	14232	0.104	ppbv #	27
11) Trichlorofluoromethane	3.591	101	32051	0.206	ppbv	89
12) 1,1,2-Trichlorotrifluo...	4.089	101	4017	0.034	ppbv #	24
13) Ethanol	3.266	45	517582	115.902	ppbv	73
15) Acetone	3.491	43	2902277	24.119	ppbv	99
16) 1,3-Butadiene	2.993	39	10097	0.165	ppbv #	10
19) Isopropyl Alcohol	3.613	45	203039	3.310	ppbv #	1
20) Methylene Chloride	3.957	84	1743829	31.345	ppbv	94
21) Allyl Chloride	3.960	41	66902	0.817	ppbv #	25
23) Vinyl Acetate	4.642	43	46782	0.860	ppbv #	60
25) Ethyl Acetate	5.237	43	488442	1.862	ppbv #	83
26) Hexane	5.237	57	600607	5.394	ppbv #	43
27) Carbon Disulfide	4.150	76	5493	0.047	ppbv #	1
29) Chloroform	5.298	83	123118	0.766	ppbv	88
30) Cyclohexane	6.613	84	5523	0.064	ppbv #	1
34) 2-Butanone	4.816	43	174396	1.312	ppbv	94
35) Carbon Tetrachloride	6.510	117	6894	0.048	ppbv	86
36) Benzene	6.388	78	53309	0.258	ppbv	96
37) 1,2-Dichloroethane	5.825	62	11450	0.102	ppbv #	79
39) 1,2-Dichloropropane	6.674	63	669637	8.379	ppbv #	25
41) Tetrahydrofuran	5.591	42	6439	0.079	ppbv #	79
42) Bromodichloromethane	7.269	83	8082	0.052	ppbv #	53
43) Methyl Methacrylate	7.497	69	44627	0.592	ppbv #	1
44) 2,2,4-Trimethylpentane	7.343	57	11031	0.031	ppbv #	1
50) 4-Methyl-2-Pentanone	8.208	43	13409	0.064	ppbv #	39
53) Toluene	9.237	91	867848	3.770	ppbv	100
58) Ethyl Benzene	12.108	91	114673	0.400	ppbv	97
59) m/p-Xylene	12.384	91	31345	0.123	ppbv #	32
60) o-Xylene	13.073	91	99136	0.407	ppbv	94
61) Styrene	12.918	104	50354	0.384	ppbv	94
65) tert-Butylbenzene	16.117	119	11424	0.035	ppbv #	1
72) 4-Ethyltoluene	15.220	105	12506	0.045	ppbv #	1
73) 1,3,5-Trimethylbenzene	15.368	105	60793	0.239	ppbv	90
74) 1,2,4-Trimethylbenzene	16.121	105	197694	0.694	ppbv #	73
75) 1,3-Dichlorobenzene	16.487	146	45780	0.269	ppbv #	56
76) 1,4-Dichlorobenzene	16.487	146	45780	0.269	ppbv #	59
79) Naphthalene	21.397	128	1509544	8.024	ppbv	99
80) Naphthalene,2-methyl-	24.374	142	4100	0.058	ppbv #	84

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Instrument :
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C0PF3DUP

Quant Time: Sep 22 08:18:19 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091922AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
QLast Update : Mon Sep 19 14:26:28 2022
Response via : Initial Calibration

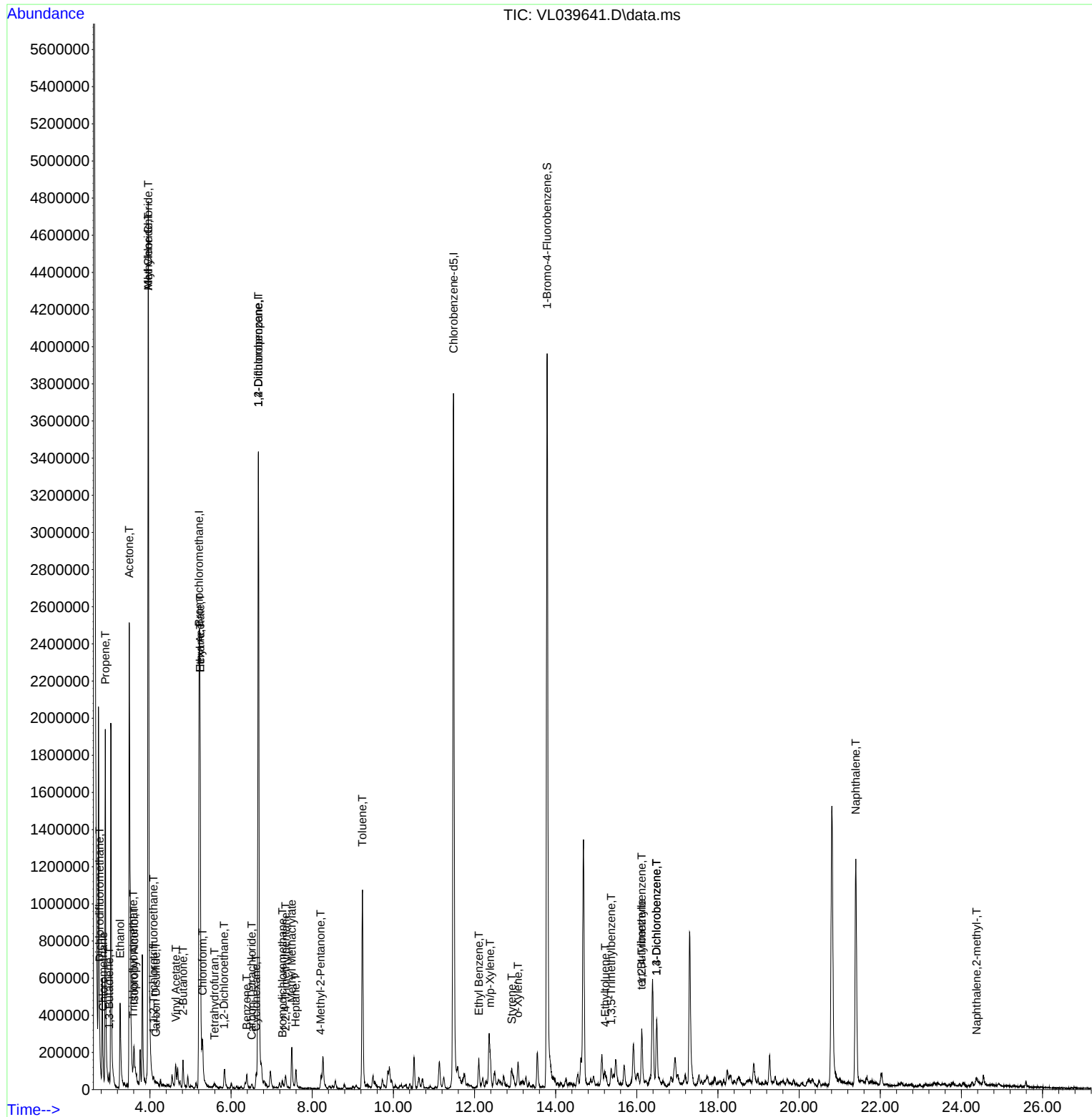
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

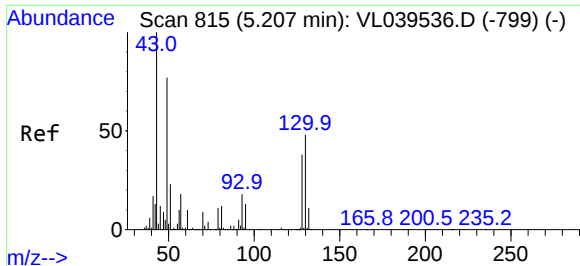
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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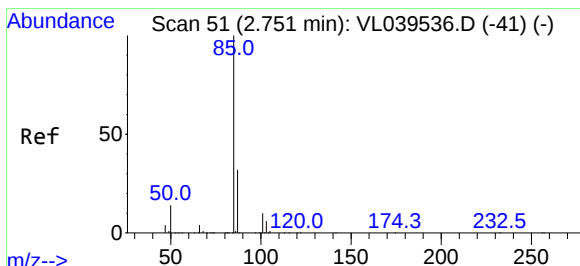
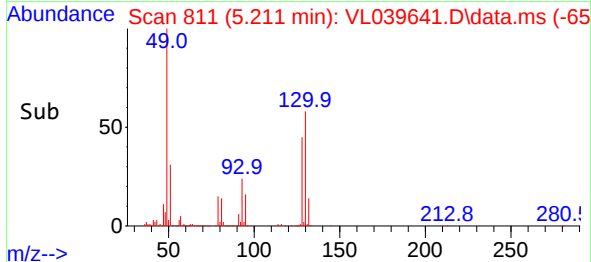
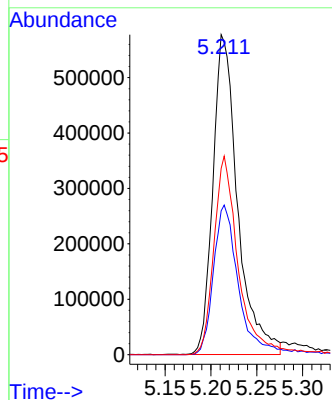
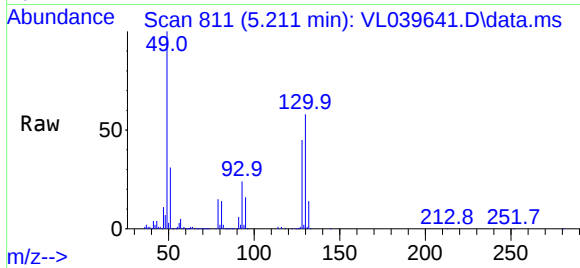




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.211 min Scan# 81
 Delta R.T. 0.004 min
 Lab File: VL039641.D
 Acq: 21 Sep 2022 19:00

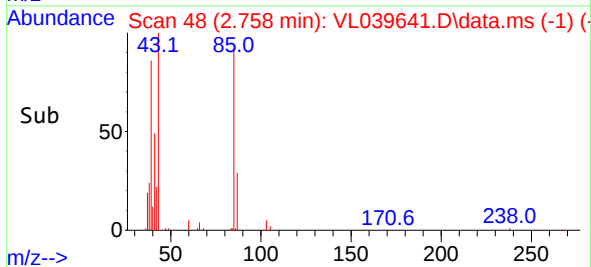
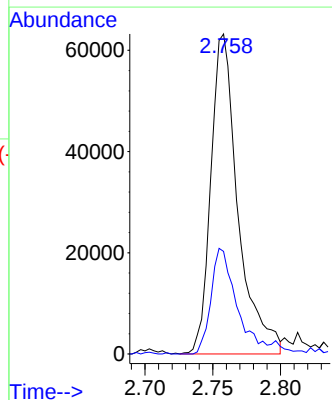
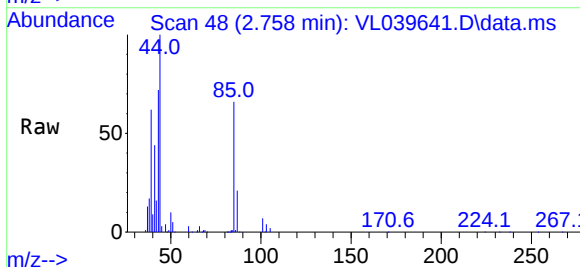
Instrument :
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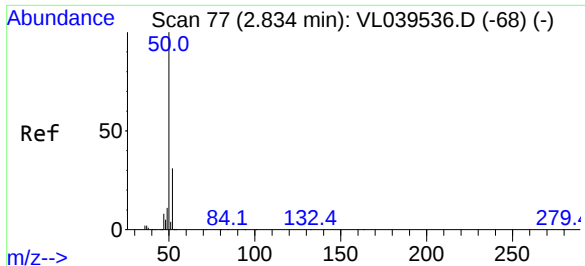
Tgt Ion: 49 Resp: 1081374
 Ion Ratio Lower Upper
 49 100
 128 48.6 26.7 80.0
 130 62.5 34.3 102.8



#2
 Dichlorodifluoromethane
 Concen: 0.704 ppbv
 RT: 2.758 min Scan# 48
 Delta R.T. 0.007 min
 Lab File: VL039641.D
 Acq: 21 Sep 2022 19:00

Tgt Ion: 85 Resp: 88206
 Ion Ratio Lower Upper
 85 100
 87 32.1 26.7 40.1

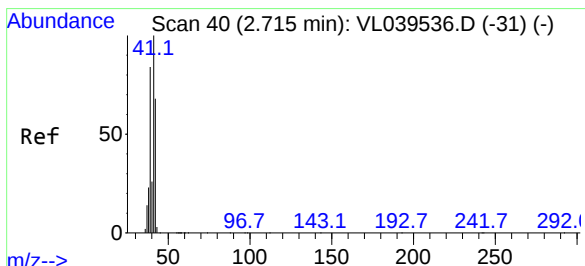
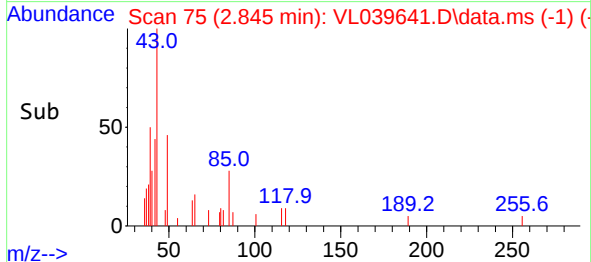
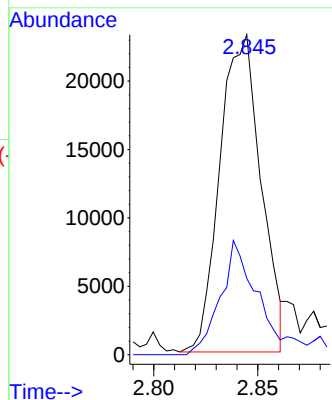
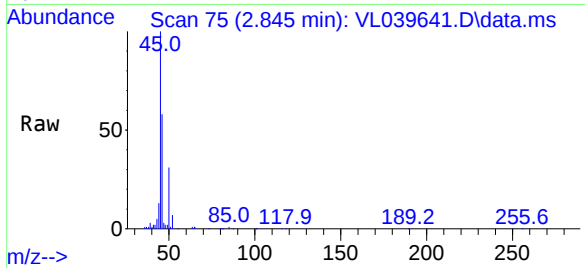




#4
Chloromethane
Concen: 0.411 ppbv
RT: 2.845 min Scan# 71
Delta R.T. 0.010 min
Lab File: VL039641.D
Acq: 21 Sep 2022 19:00

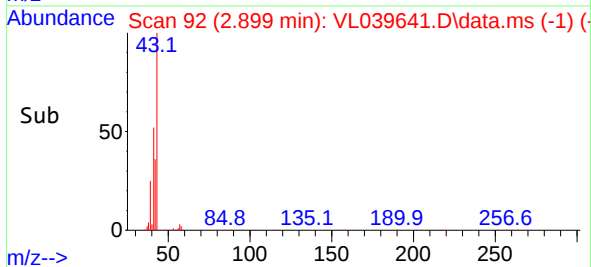
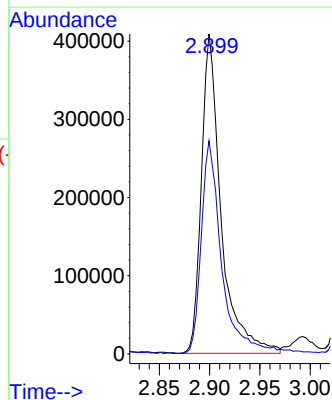
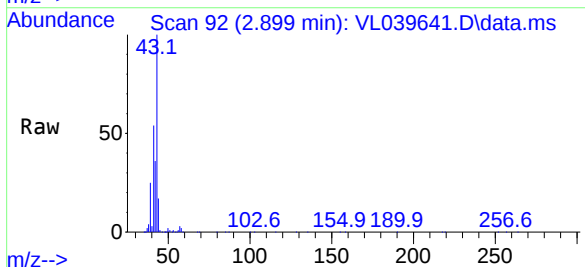
Instrument :
MSVOA_L
ClientSampleId :
C0PF3DUP

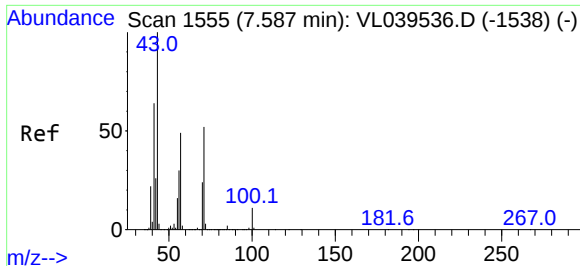
Tgt Ion: 50 Resp: 31797
Ion Ratio Lower Upper
50 100
52 25.2 26.5 39.7#



#9
Propene
Concen: 9.517 ppbv
RT: 2.899 min Scan# 92
Delta R.T. 0.184 min
Lab File: VL039641.D
Acq: 21 Sep 2022 19:00

Tgt Ion: 41 Resp: 557772
Ion Ratio Lower Upper
41 100
42 69.6 55.2 82.8





#10

Heptane

Concen: 0.104 ppbv

RT: 7.590 min Scan# 11

Delta R.T. 0.004 min

Lab File: VL039641.D

Acq: 21 Sep 2022 19:00

Instrument :

MSVOA_L

ClientSampleId :

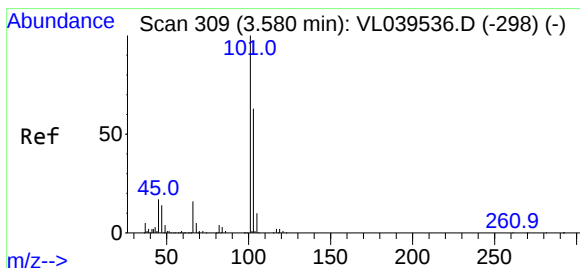
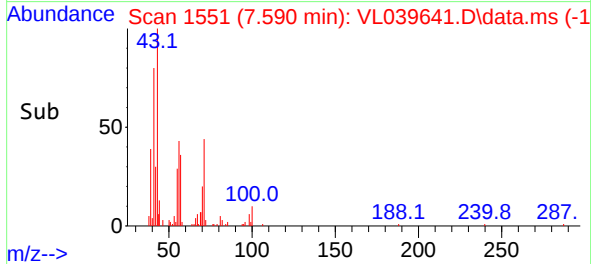
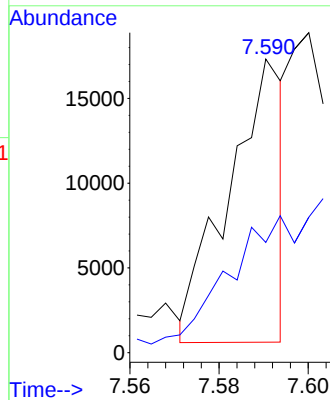
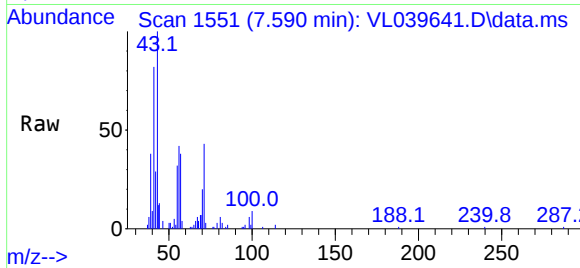
C0PF3DUP

Tgt Ion: 43 Resp: 14232

Ion Ratio Lower Upper

43 100

57 0.0 40.5 60.7#



#11

Trichlorofluoromethane

Concen: 0.206 ppbv

RT: 3.591 min Scan# 307

Delta R.T. 0.010 min

Lab File: VL039641.D

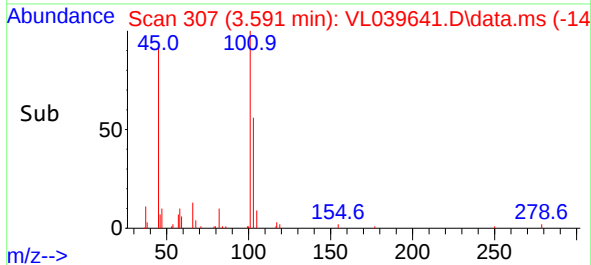
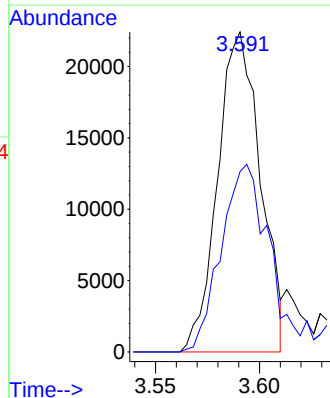
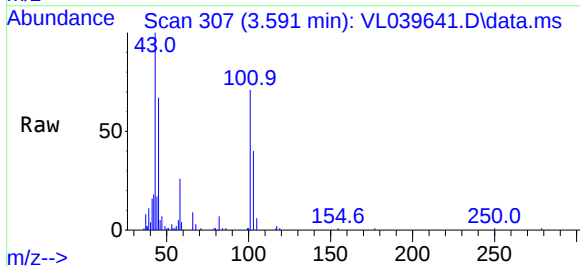
Acq: 21 Sep 2022 19:00

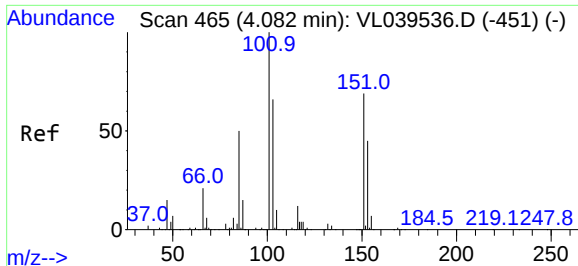
Tgt Ion:101 Resp: 32051

Ion Ratio Lower Upper

101 100

103 56.3 51.8 77.8

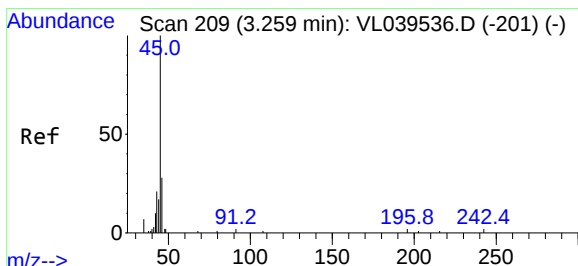
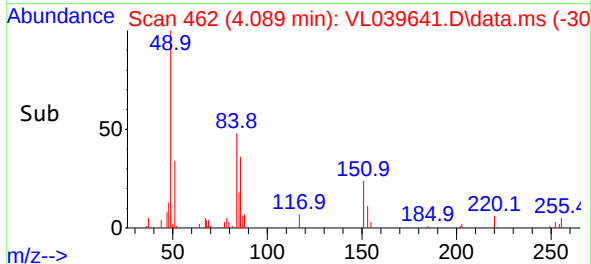
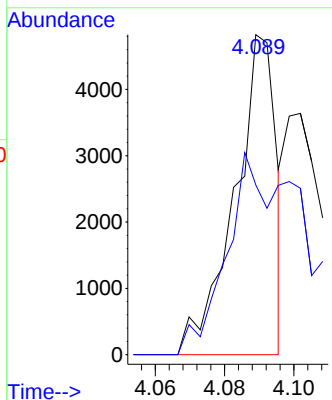
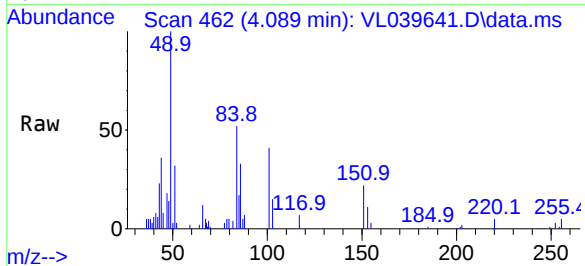




#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.034 ppbv
 RT: 4.089 min Scan# 4017
 Delta R.T. 0.007 min
 Lab File: VL039641.D
 Acq: 21 Sep 2022 19:00

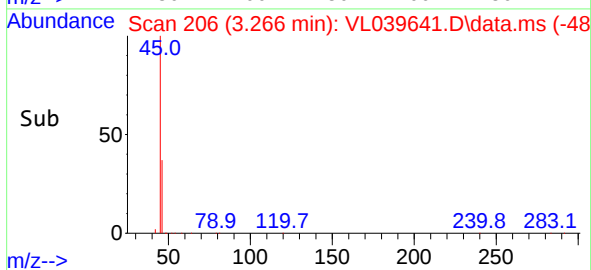
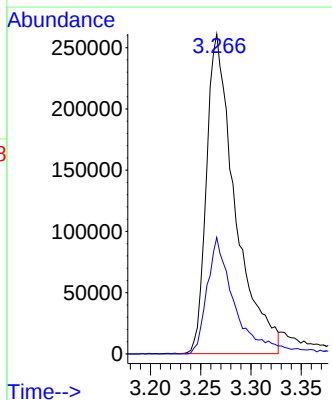
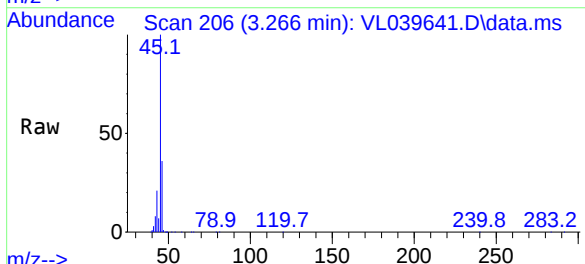
Instrument :
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 C0PF3DUP

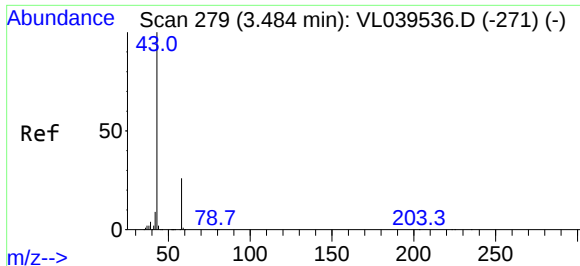
Tgt Ion:101 Resp: 4017
 Ion Ratio Lower Upper
 101 100
 151 137.6 58.9 88.3#



#13
 Ethanol
 Concen: 115.902 ppbv
 RT: 3.266 min Scan# 206
 Delta R.T. 0.007 min
 Lab File: VL039641.D
 Acq: 21 Sep 2022 19:00

Tgt Ion: 45 Resp: 517582
 Ion Ratio Lower Upper
 45 100
 46 37.1 22.8 91.2

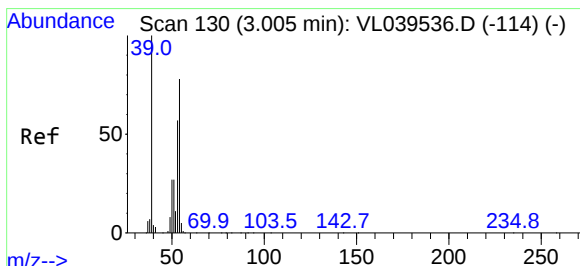
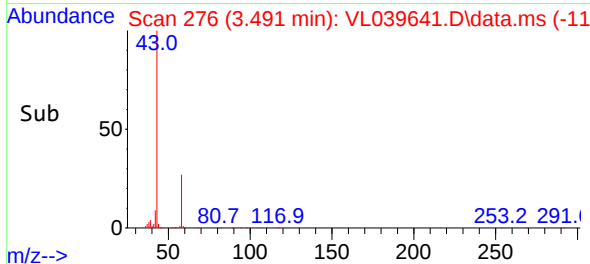
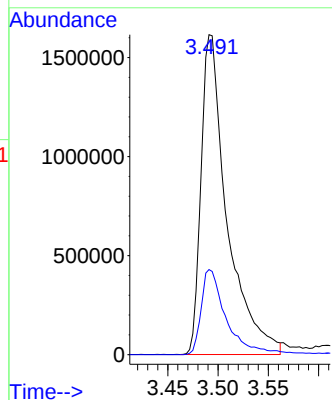
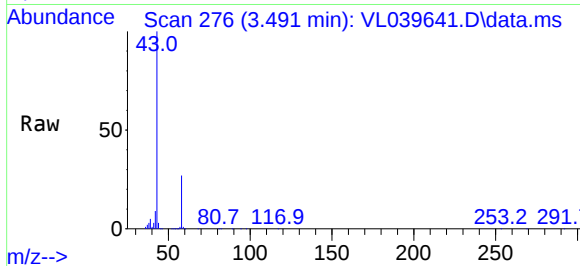




#15
Acetone
Concen: 24.119 ppbv
RT: 3.491 min Scan# 21
Delta R.T. 0.007 min
Lab File: VL039641.D
Acq: 21 Sep 2022 19:00

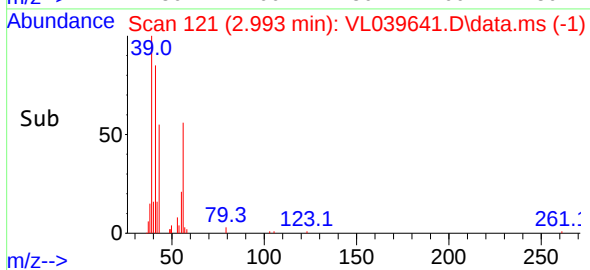
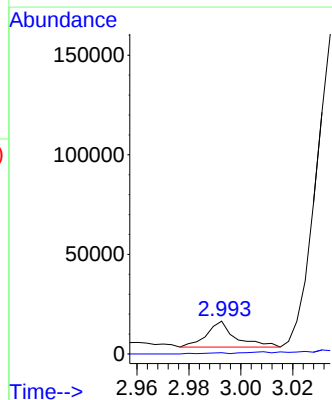
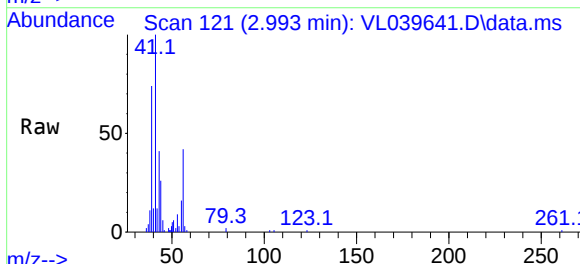
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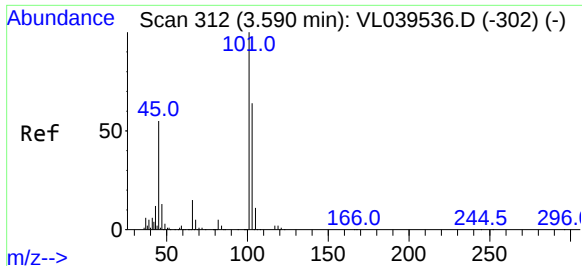
Tgt Ion: 43 Resp: 2902277
Ion Ratio Lower Upper
43 100
58 27.0 21.0 31.6



#16
1,3-Butadiene
Concen: 0.165 ppbv
RT: 2.993 min Scan# 121
Delta R.T. -0.012 min
Lab File: VL039641.D
Acq: 21 Sep 2022 19:00

Tgt Ion: 39 Resp: 10097
Ion Ratio Lower Upper
39 100
54 0.0 63.7 95.5#

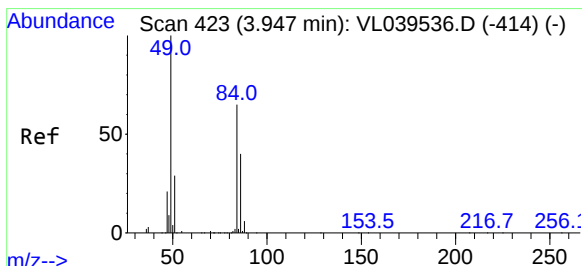
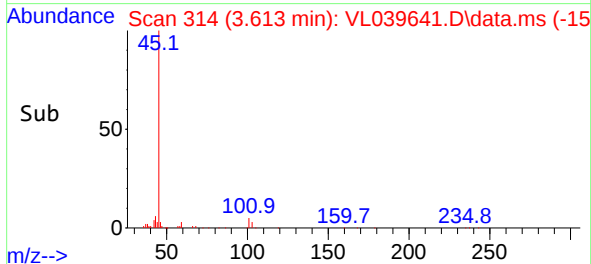
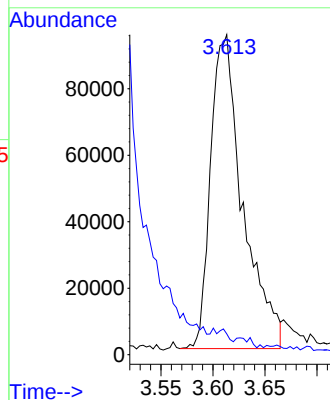
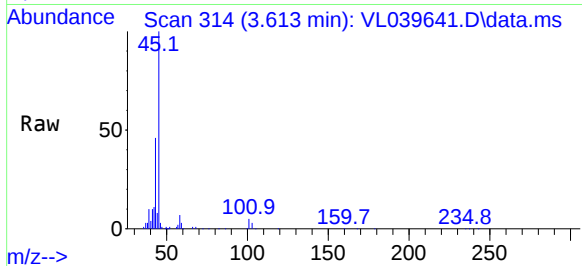




#19
Isopropyl Alcohol
Concen: 3.310 ppbv
RT: 3.613 min Scan# 311
Delta R.T. 0.023 min
Lab File: VL039641.D
Acq: 21 Sep 2022 19:00

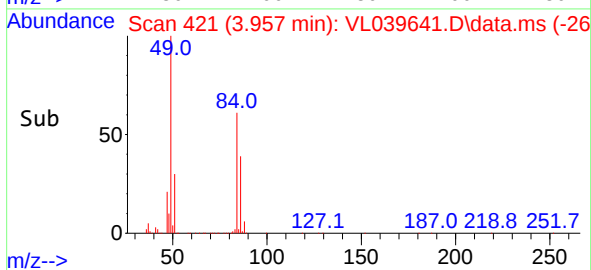
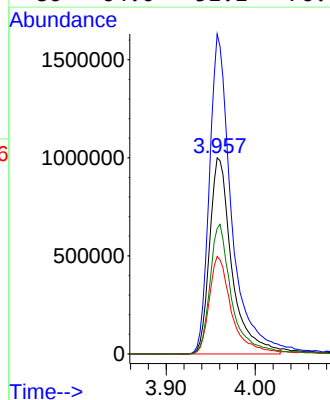
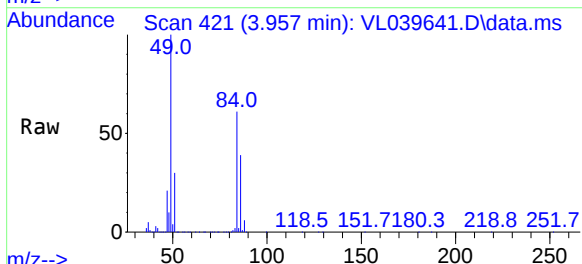
Instrument :
MSVOA_L
ClientSampleId :
C0PF3DUP

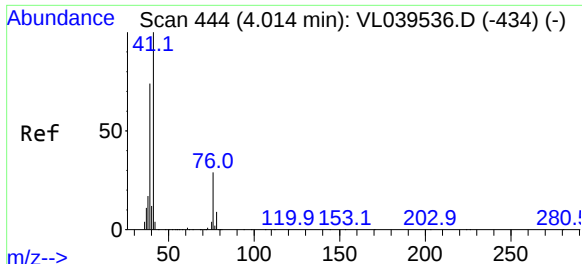
Tgt Ion: 45 Resp: 203039
Ion Ratio Lower Upper
45 100
58 385.2 3.2 4.8#



#20
Methylene Chloride
Concen: 31.345 ppbv
RT: 3.957 min Scan# 421
Delta R.T. 0.010 min
Lab File: VL039641.D
Acq: 21 Sep 2022 19:00

Tgt Ion: 84 Resp: 1743829
Ion Ratio Lower Upper
84 100
49 163.1 123.1 184.7
51 49.6 34.4 51.6
86 64.0 51.1 76.7

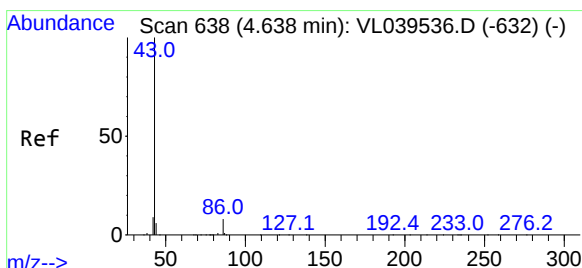
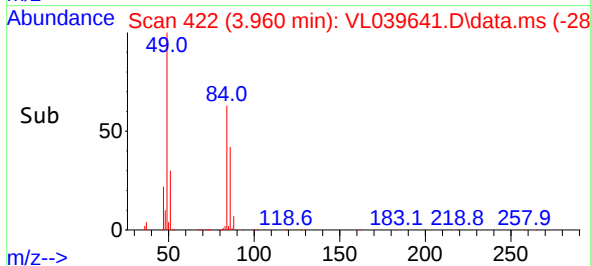
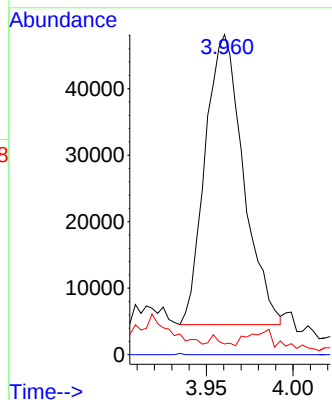
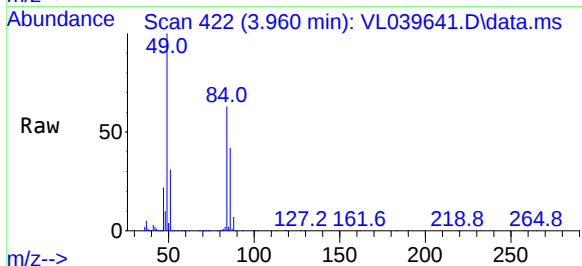




#21
 Allyl Chloride
 Concen: 0.817 ppbv
 RT: 3.960 min Scan# 41
 Delta R.T. -0.054 min
 Lab File: VL039641.D
 Acq: 21 Sep 2022 19:00

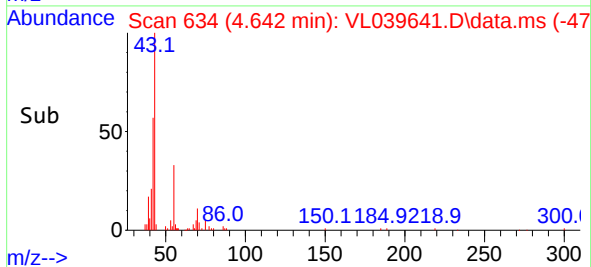
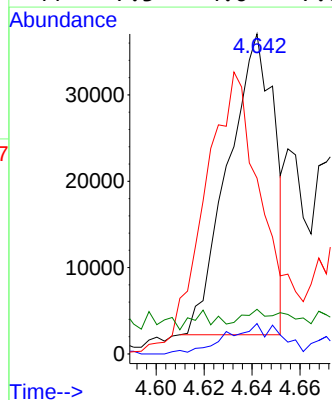
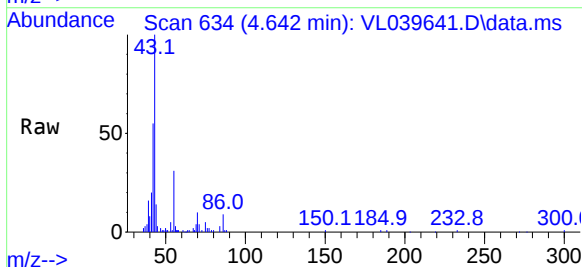
Instrument :
 MSVOA_L
 ClientSampleId :
 C0PF3DUP

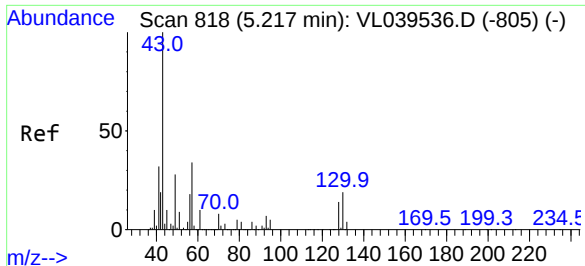
Tgt Ion: 41 Resp: 66902
 Ion Ratio Lower Upper
 41 100
 76 0.0 24.4 36.6#
 39 7.3 63.5 95.3#



#23
 Vinyl Acetate
 Concen: 0.860 ppbv
 RT: 4.642 min Scan# 634
 Delta R.T. 0.004 min
 Lab File: VL039641.D
 Acq: 21 Sep 2022 19:00

Tgt Ion: 43 Resp: 46782
 Ion Ratio Lower Upper
 43 100
 86 9.0 5.0 7.6#
 42 40.0 7.7 11.5#
 44 7.3 4.6 7.0#





#25

Ethyl Acetate

Concen: 1.862 ppbv

RT: 5.237 min Scan# 819

Delta R.T. 0.020 min

Lab File: VL039641.D

Acq: 21 Sep 2022 19:00

Instrument :

MSVOA_L

ClientSampleId :

C0PF3DUP

Tgt Ion: 43 Resp: 488442

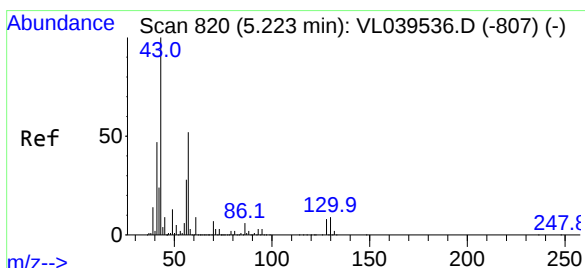
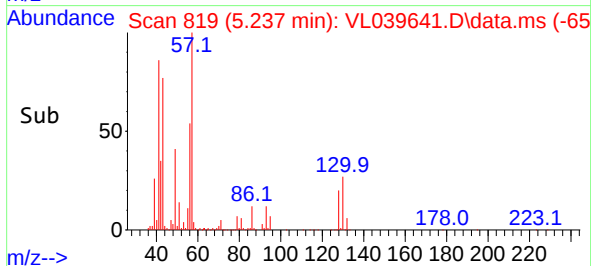
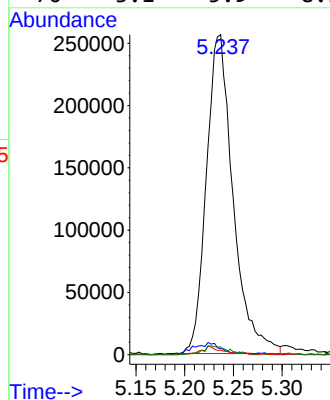
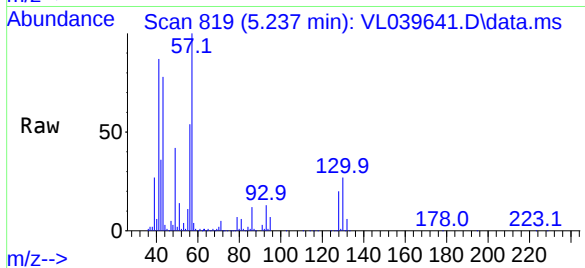
Ion Ratio Lower Upper

43 100

45 4.4 8.2 12.4#

61 2.2 8.3 12.5#

70 3.1 5.9 8.9#



#26

Hexane

Concen: 5.394 ppbv

RT: 5.237 min Scan# 819

Delta R.T. 0.014 min

Lab File: VL039641.D

Acq: 21 Sep 2022 19:00

Tgt Ion: 57 Resp: 600607

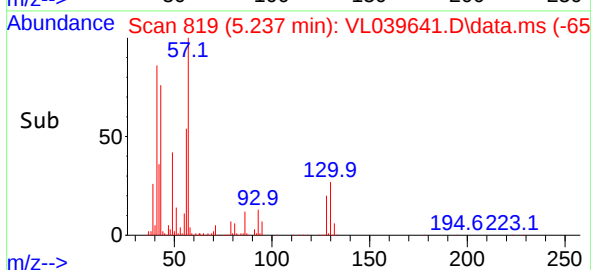
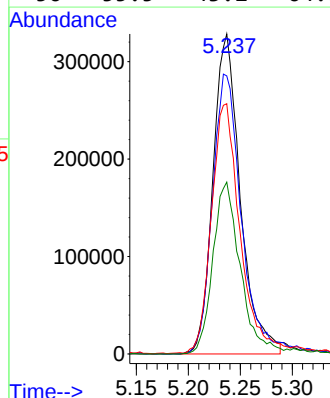
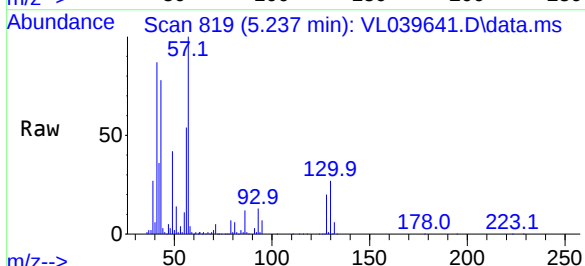
Ion Ratio Lower Upper

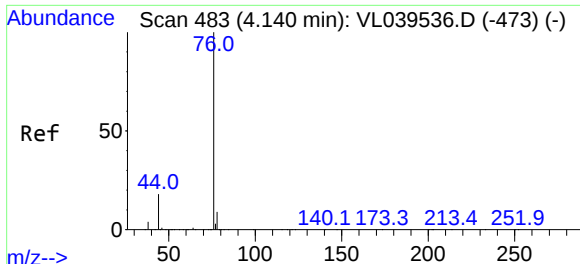
57 100

41 94.5 76.9 115.3

43 84.3 191.0 286.6#

56 55.5 43.2 64.8

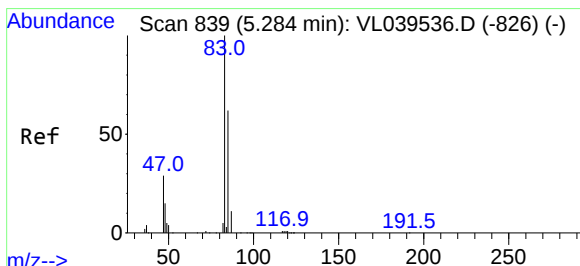
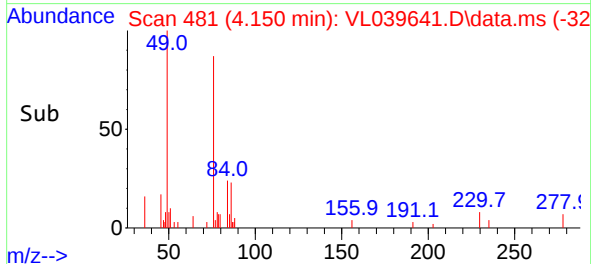
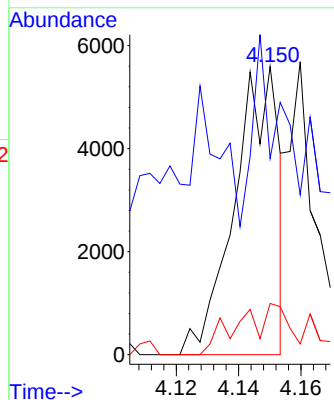
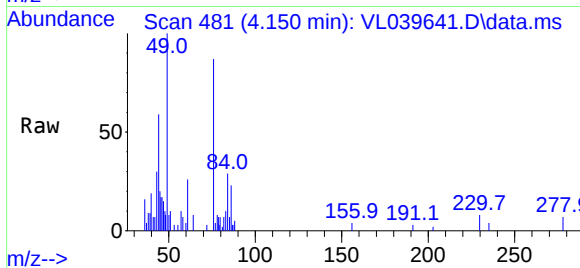




#27
Carbon Disulfide
Concen: 0.047 ppbv
RT: 4.150 min Scan# 41
Delta R.T. 0.010 min
Lab File: VL039641.D
Acq: 21 Sep 2022 19:00

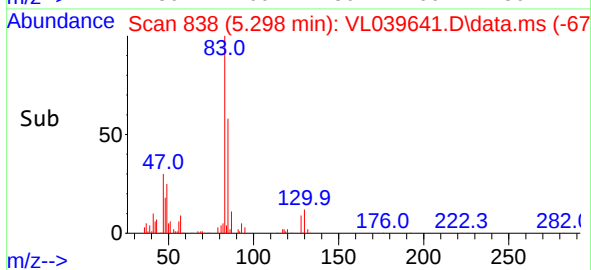
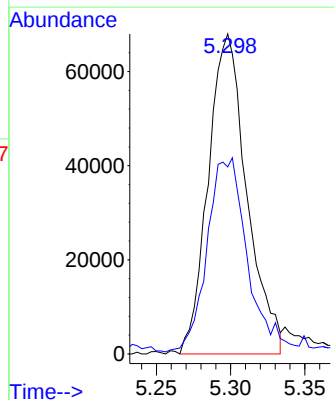
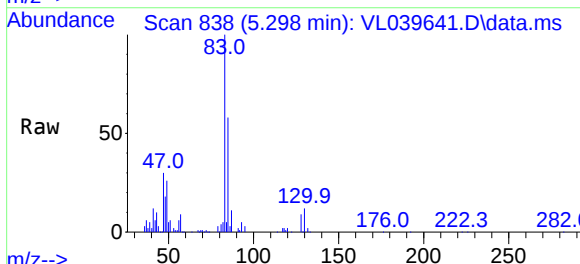
Instrument :
MSVOA_L
ClientSampleId :
COPF3DUP

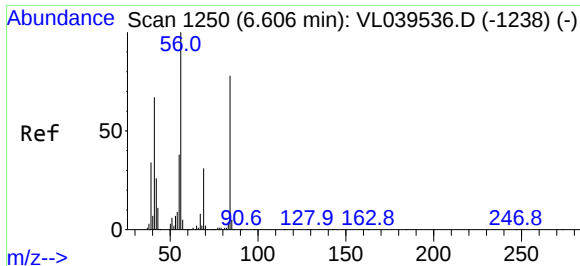
Tgt Ion: 76 Resp: 5493
Ion Ratio Lower Upper
76 100
44 90.0 14.6 21.8#
78 24.7 7.8 11.6#



#29
Chloroform
Concen: 0.766 ppbv
RT: 5.298 min Scan# 838
Delta R.T. 0.014 min
Lab File: VL039641.D
Acq: 21 Sep 2022 19:00

Tgt Ion: 83 Resp: 123118
Ion Ratio Lower Upper
83 100
85 56.6 52.8 79.2

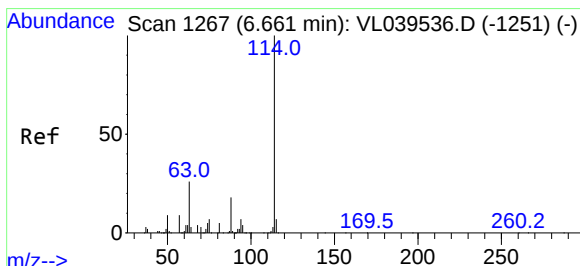
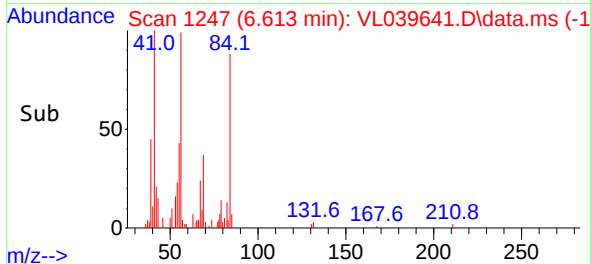
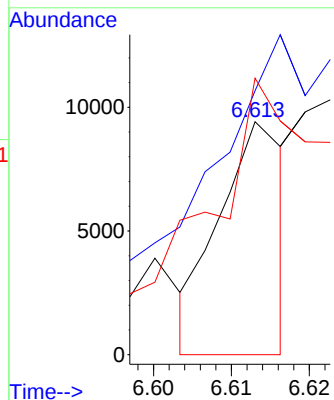
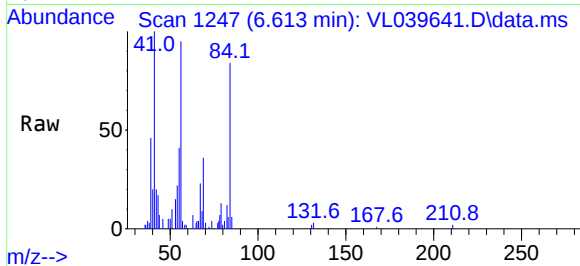




#30
Cyclohexane
Concen: 0.064 ppbv
RT: 6.613 min Scan# 11
Delta R.T. 0.007 min
Lab File: VL039641.D
Acq: 21 Sep 2022 19:00

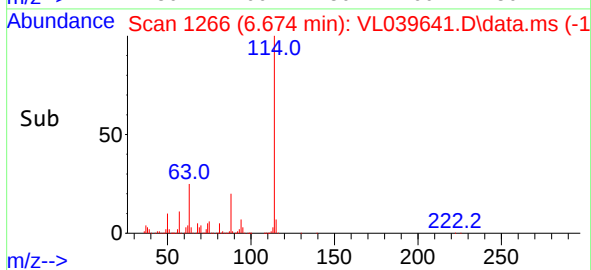
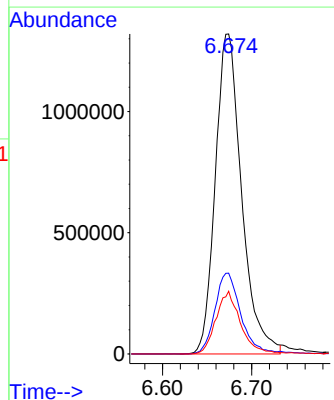
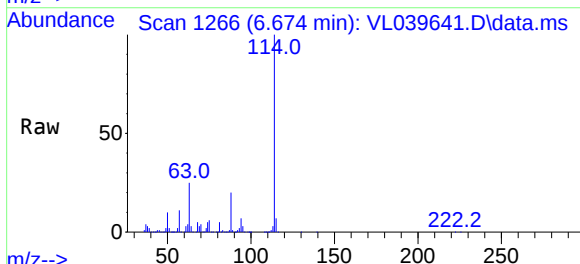
Instrument :
MSVOA_L
ClientSampleId :
C0PF3DUP

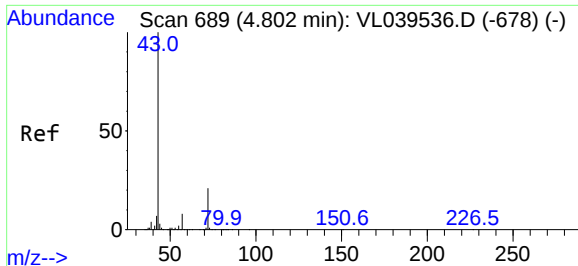
Tgt Ion: 84 Resp: 5523
Ion Ratio Lower Upper
84 100
56 469.8 107.7 161.5#
41 416.9 67.7 101.5#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.674 min Scan# 1266
Delta R.T. 0.014 min
Lab File: VL039641.D
Acq: 21 Sep 2022 19:00

Tgt Ion: 114 Resp: 2707141
Ion Ratio Lower Upper
114 100
63 25.3 20.2 30.4
88 18.7 14.5 21.7





#34

2-Butanone

Concen: 1.312 ppbv

RT: 4.816 min Scan# 61

Delta R.T. 0.014 min

Lab File: VL039641.D

Acq: 21 Sep 2022 19:00

Instrument :

MSVOA_L

ClientSampleId :

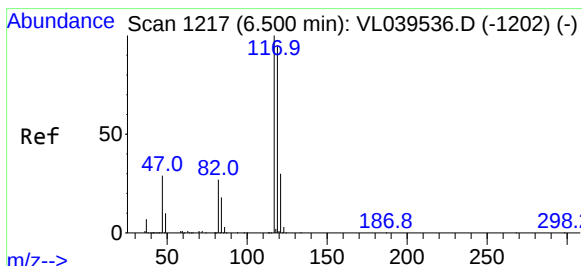
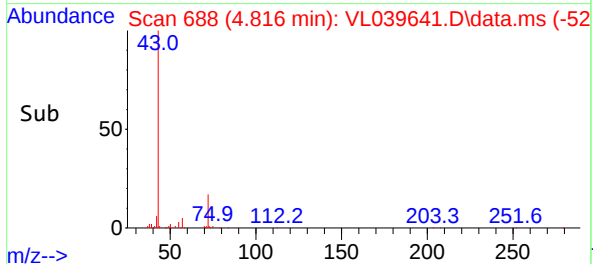
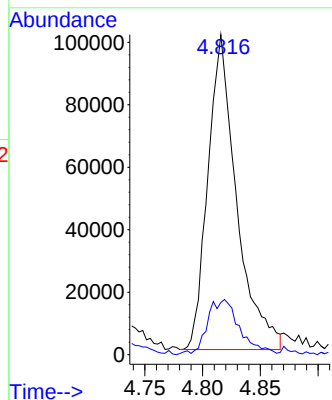
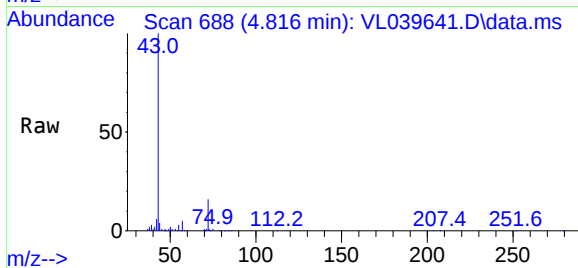
C0PF3DUP

Tgt Ion: 43 Resp: 174396

Ion Ratio Lower Upper

43 100

72 19.7 17.9 26.9



#35

Carbon Tetrachloride

Concen: 0.048 ppbv

RT: 6.510 min Scan# 1215

Delta R.T. 0.010 min

Lab File: VL039641.D

Acq: 21 Sep 2022 19:00

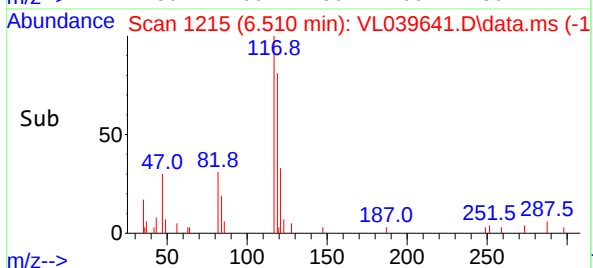
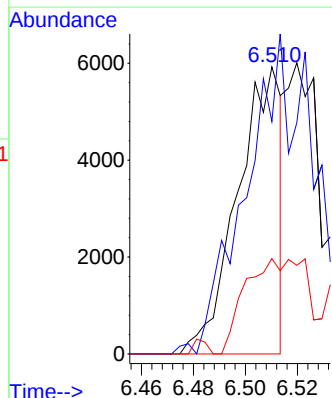
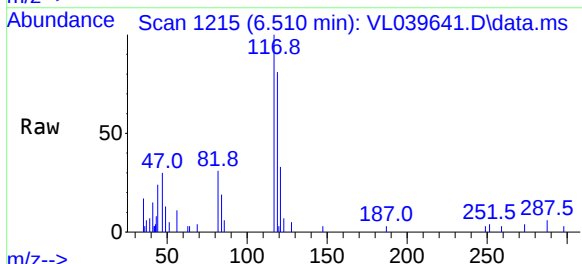
Tgt Ion: 117 Resp: 6894

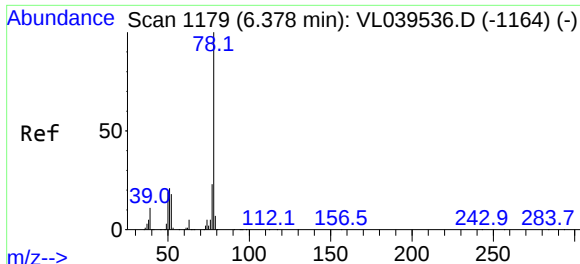
Ion Ratio Lower Upper

117 100

119 78.2 75.4 113.2

121 33.2 24.2 36.2

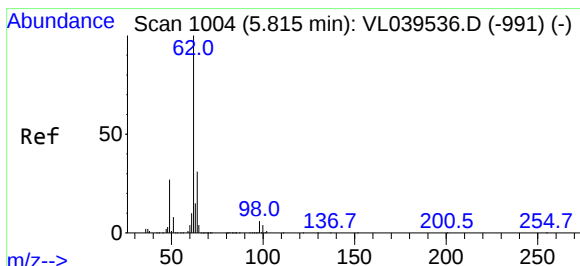
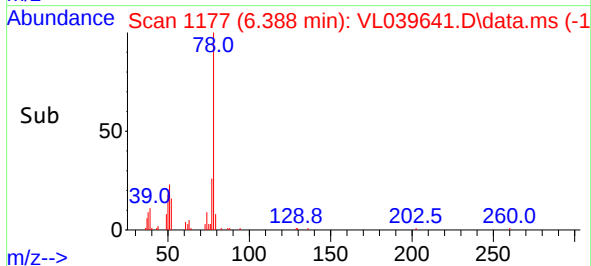
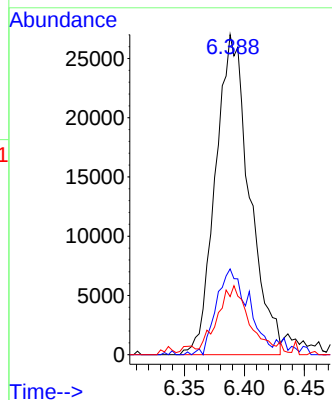
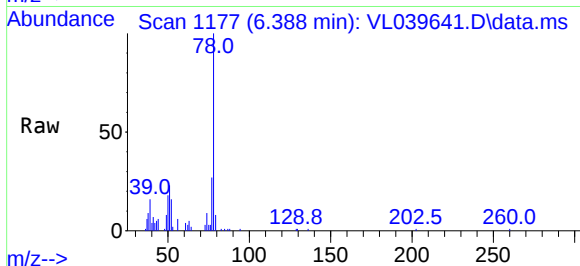




#36
Benzene
Concen: 0.258 ppbv
RT: 6.388 min Scan# 1179
Delta R.T. 0.010 min
Lab File: VL039641.D
Acq: 21 Sep 2022 19:00

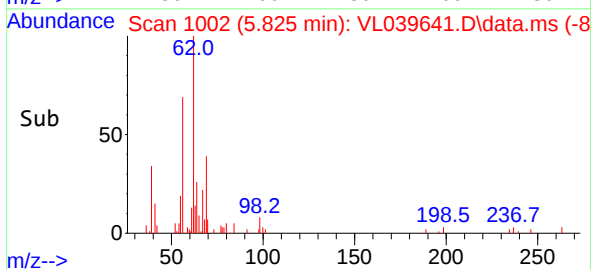
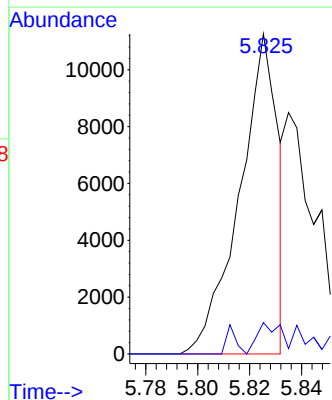
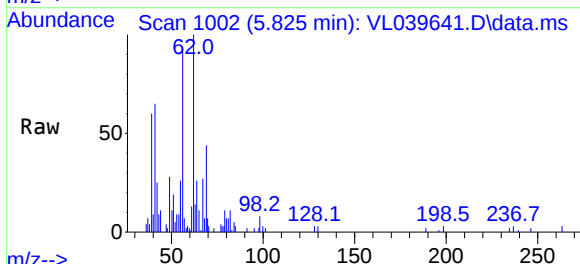
Instrument :
MSVOA_L
ClientSampleId :
C0PF3DUP

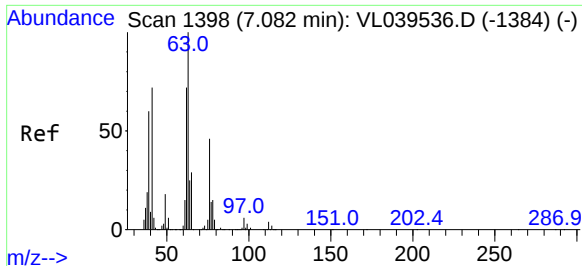
Tgt Ion: 78 Resp: 53309
Ion Ratio Lower Upper
78 100
77 26.8 20.3 30.5
50 17.2 15.5 23.3



#37
1,2-Dichloroethane
Concen: 0.102 ppbv
RT: 5.825 min Scan# 1002
Delta R.T. 0.010 min
Lab File: VL039641.D
Acq: 21 Sep 2022 19:00

Tgt Ion: 62 Resp: 11450
Ion Ratio Lower Upper
62 100
98 13.5 5.1 7.7#





#39

1,2-Dichloropropane

Concen: 8.379 ppbv

RT: 6.674 min Scan# 11

Delta R.T. -0.408 min

Lab File: VL039641.D

Acq: 21 Sep 2022 19:00

Instrument :

MSVOA_L

ClientSampleId :

C0PF3DUP

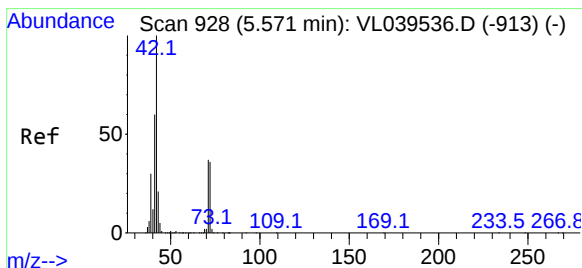
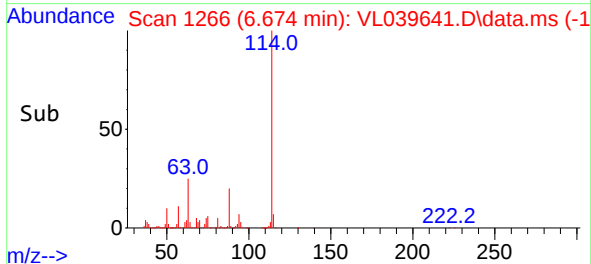
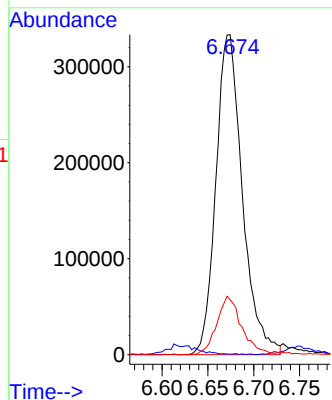
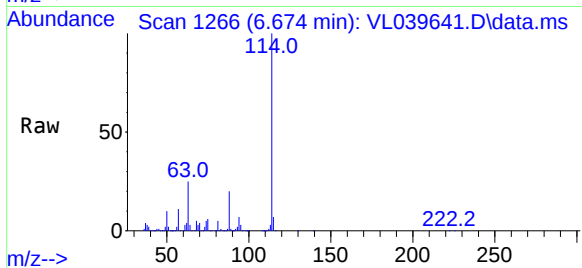
Tgt Ion: 63 Resp: 669637

Ion Ratio Lower Upper

63 100

41 0.0 59.6 89.4#

62 17.1 51.4 77.0#



#41

Tetrahydrofuran

Concen: 0.079 ppbv

RT: 5.591 min Scan# 929

Delta R.T. 0.020 min

Lab File: VL039641.D

Acq: 21 Sep 2022 19:00

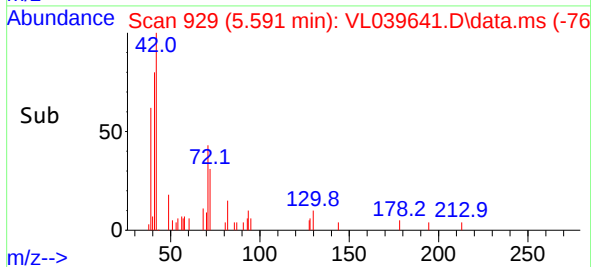
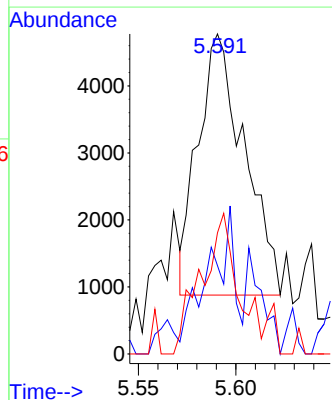
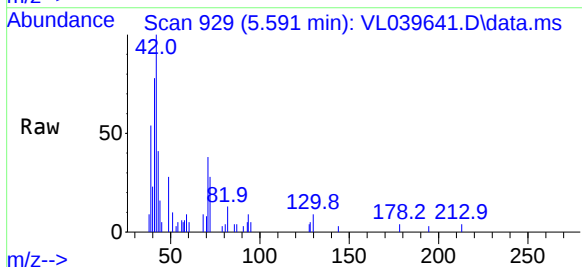
Tgt Ion: 42 Resp: 6439

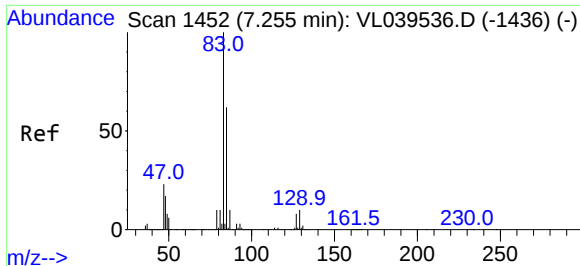
Ion Ratio Lower Upper

42 100

72 56.3 31.8 47.8#

71 49.7 31.8 47.8#





#42

Bromodichloromethane

Concen: 0.052 ppbv

RT: 7.269 min Scan# 1451

Delta R.T. 0.014 min

Lab File: VL039641.D

Acq: 21 Sep 2022 19:00

Instrument :

MSVOA_L

ClientSampleId :

C0PF3DUP

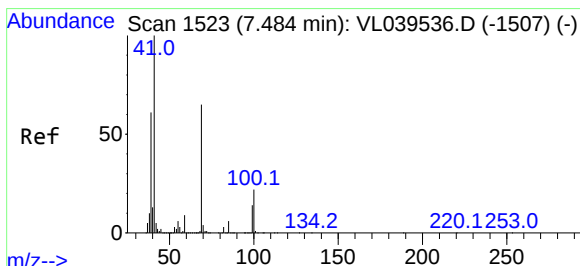
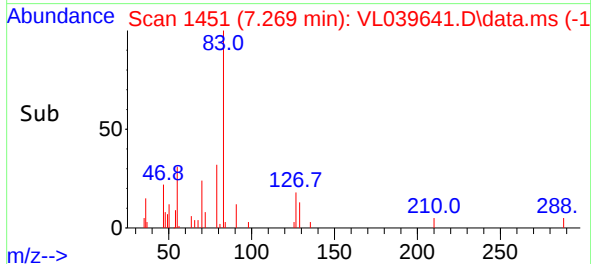
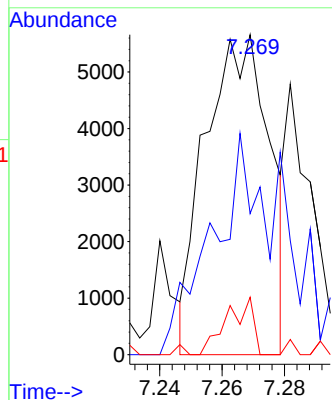
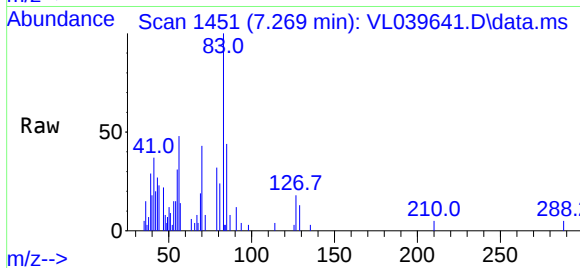
Tgt Ion: 83 Resp: 8082

Ion Ratio Lower Upper

83 100

85 25.8 50.7 76.1#

127 21.5 6.6 9.8#



#43

Methyl Methacrylate

Concen: 0.592 ppbv

RT: 7.497 min Scan# 1522

Delta R.T. 0.014 min

Lab File: VL039641.D

Acq: 21 Sep 2022 19:00

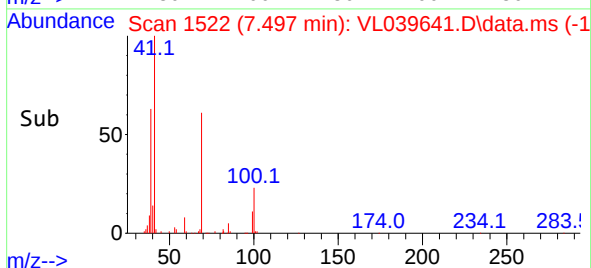
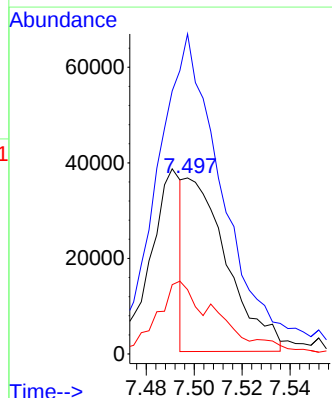
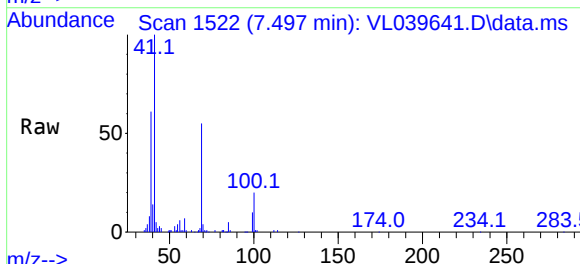
Tgt Ion: 69 Resp: 44627

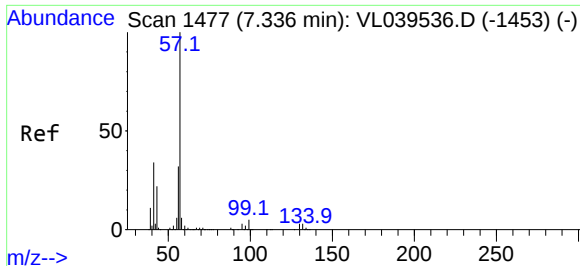
Ion Ratio Lower Upper

69 100

41 293.9 120.8 181.2#

100 63.9 27.8 41.6#





#44

2,2,4-Trimethylpentane

Concen: 0.031 ppbv

RT: 7.343 min Scan# 1477

Delta R.T. 0.007 min

Lab File: VL039641.D

Acq: 21 Sep 2022 19:00

Instrument :

MSVOA_L

ClientSampleId :

C0PF3DUP

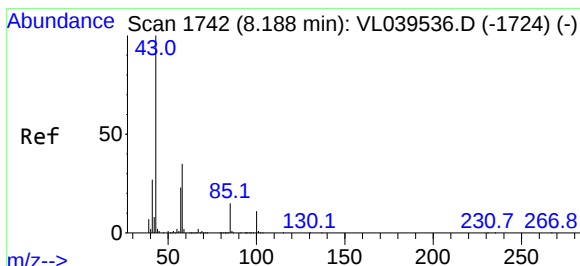
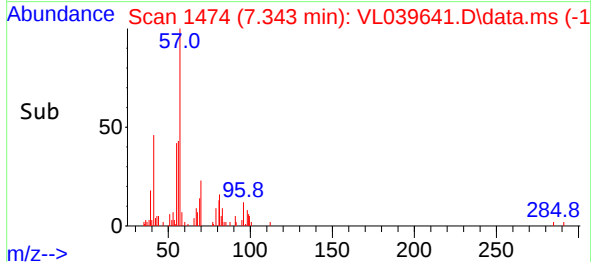
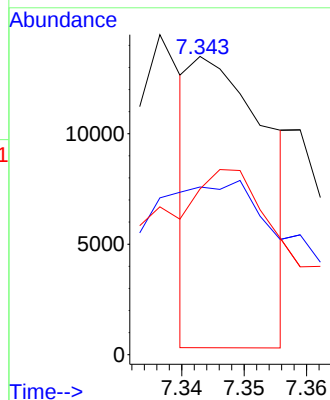
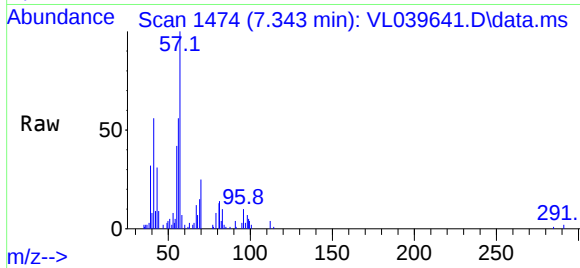
Tgt Ion: 57 Resp: 11031

Ion Ratio Lower Upper

57 100

41 174.7 27.4 41.2#

56 180.9 24.5 36.7#



#50

4-Methyl-2-Pentanone

Concen: 0.064 ppbv

RT: 8.208 min Scan# 1743

Delta R.T. 0.020 min

Lab File: VL039641.D

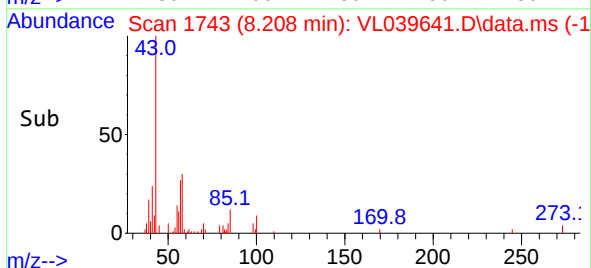
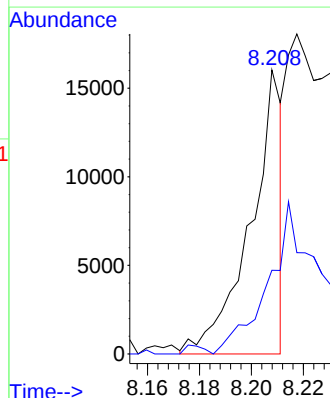
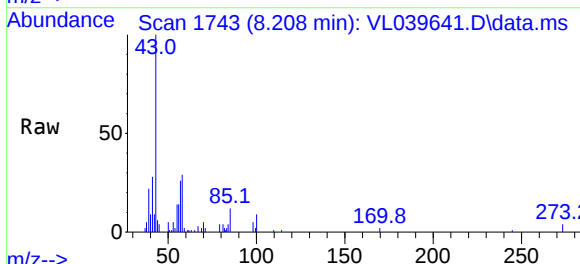
Acq: 21 Sep 2022 19:00

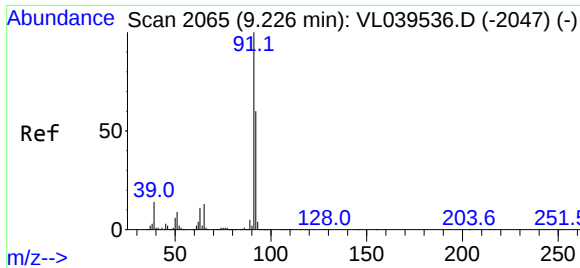
Tgt Ion: 43 Resp: 13409

Ion Ratio Lower Upper

43 100

58 0.0 28.8 43.2#

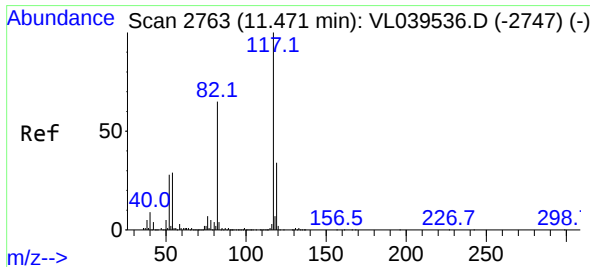
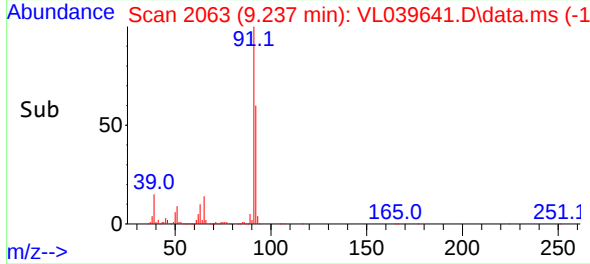
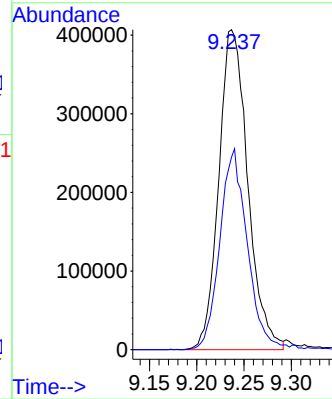
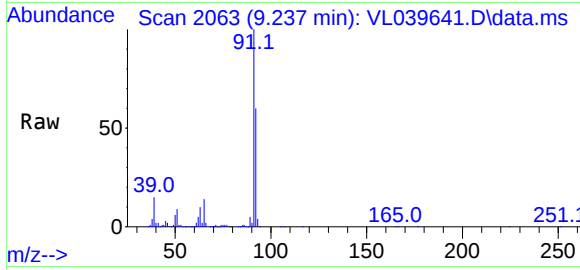




#53
Toluene
Concen: 3.770 ppbv
RT: 9.237 min Scan# 2063
Delta R.T. 0.010 min
Lab File: VL039641.D
Acq: 21 Sep 2022 19:00

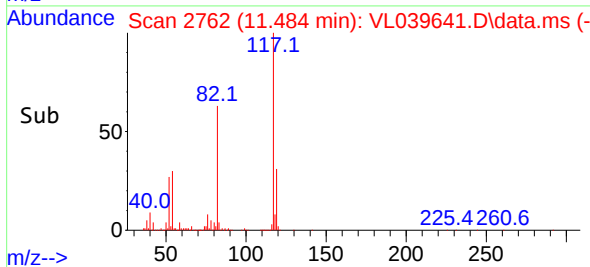
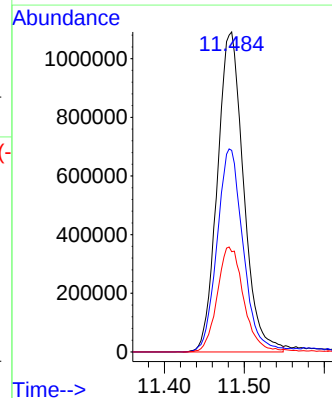
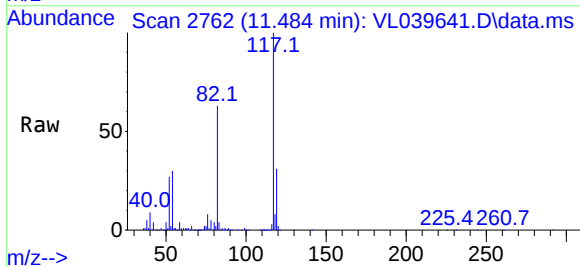
Instrument :
MSVOA_L
ClientSampleId :
COPF3DUP

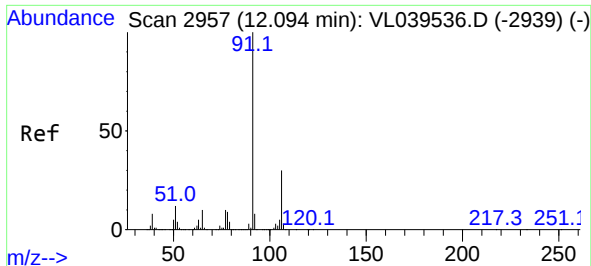
Tgt Ion: 91 Resp: 867848
Ion Ratio Lower Upper
91 100
92 60.2 48.2 72.2



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.484 min Scan# 2762
Delta R.T. 0.014 min
Lab File: VL039641.D
Acq: 21 Sep 2022 19:00

Tgt Ion: 117 Resp: 2484361
Ion Ratio Lower Upper
117 100
82 63.7 50.8 76.2
119 33.7 24.1 36.1

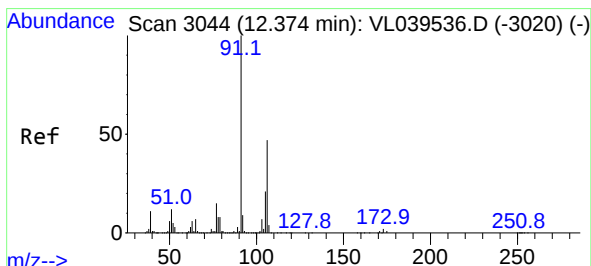
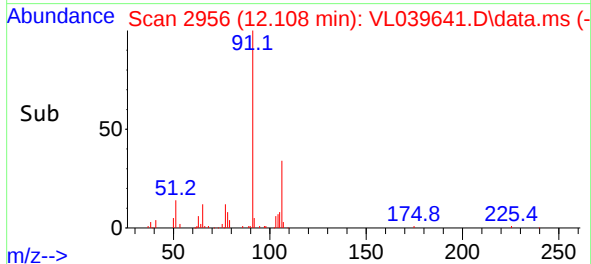
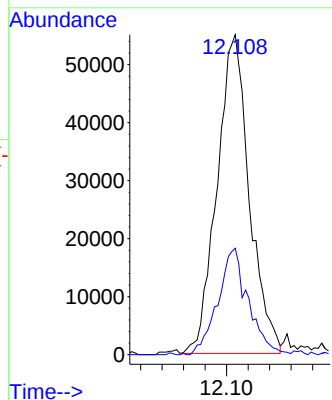
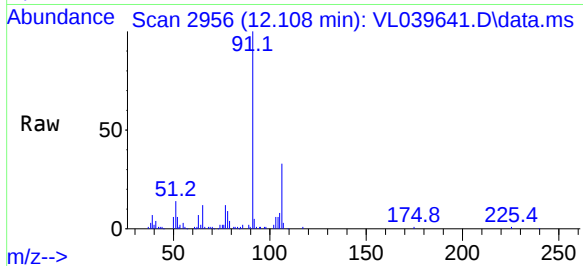




#58
Ethyl Benzene
Concen: 0.400 ppbv
RT: 12.108 min Scan# 2956
Delta R.T. 0.014 min
Lab File: VL039641.D
Acq: 21 Sep 2022 19:00

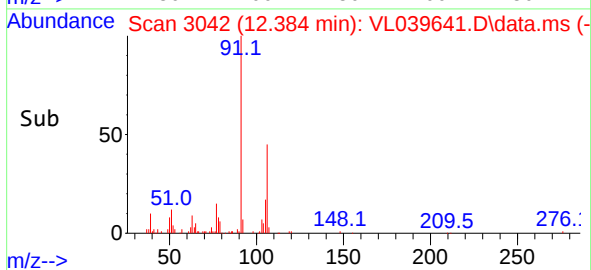
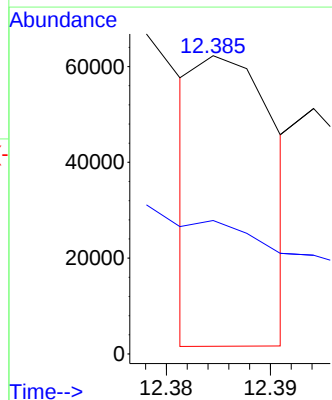
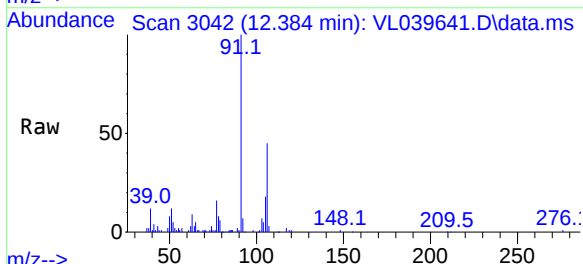
Instrument :
MSVOA_L
ClientSampleId :
C0PF3DUP

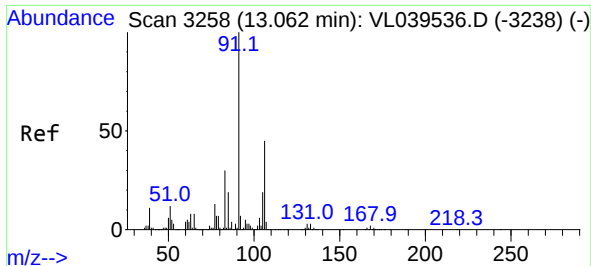
Tgt Ion: 91 Resp: 114673
Ion Ratio Lower Upper
91 100
106 33.4 25.4 38.0



#59
m/p-Xylene
Concen: 0.123 ppbv
RT: 12.384 min Scan# 3042
Delta R.T. 0.010 min
Lab File: VL039641.D
Acq: 21 Sep 2022 19:00

Tgt Ion: 91 Resp: 31345
Ion Ratio Lower Upper
91 100
106 0.0 35.4 53.2#

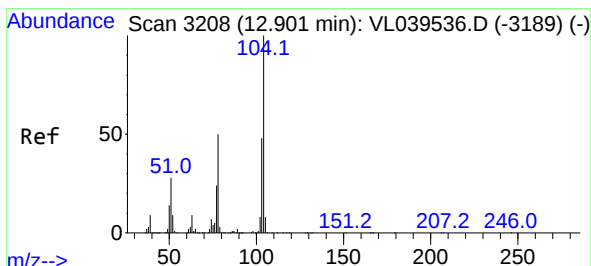
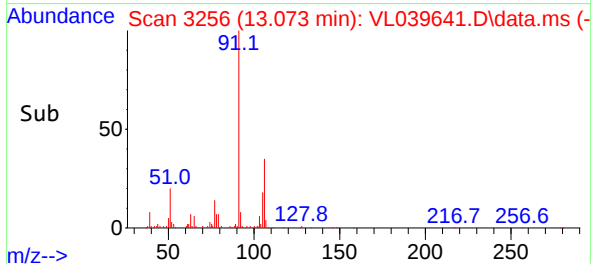
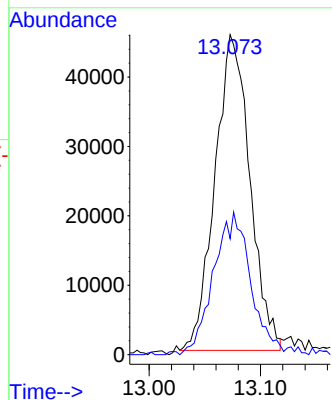
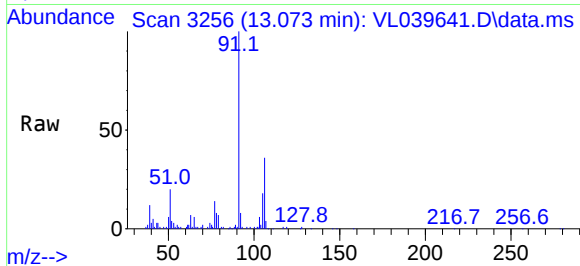




#60
o-Xylene
Concen: 0.407 ppbv
RT: 13.073 min Scan# 31
Delta R.T. 0.010 min
Lab File: VL039641.D
Acq: 21 Sep 2022 19:00

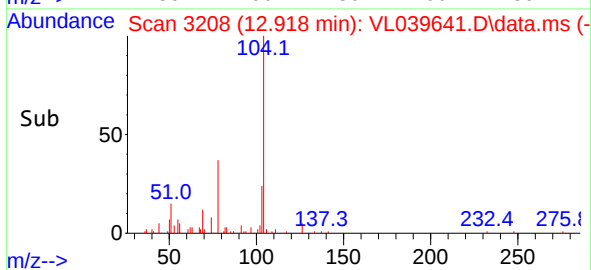
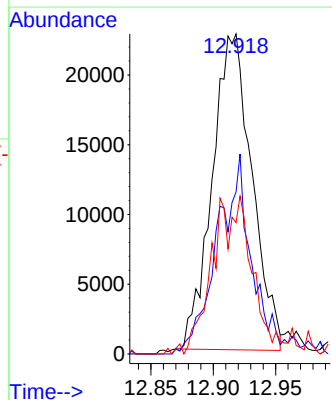
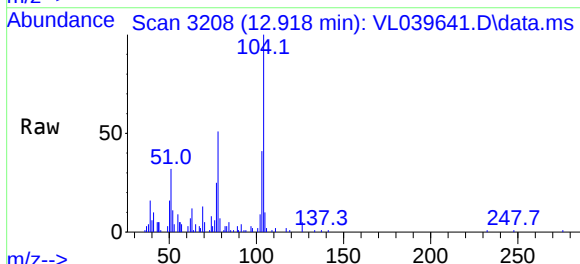
Instrument :
MSVOA_L
ClientSampleId :
COPF3DUP

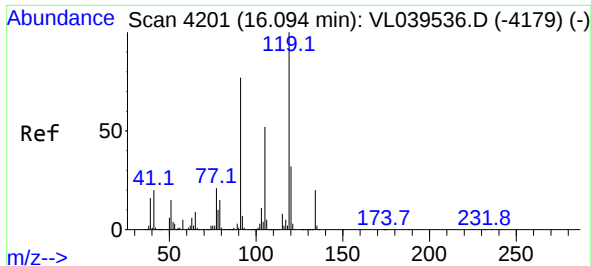
Tgt Ion: 91 Resp: 99136
Ion Ratio Lower Upper
91 100
106 48.8 22.4 67.3



#61
Styrene
Concen: 0.384 ppbv
RT: 12.918 min Scan# 3208
Delta R.T. 0.017 min
Lab File: VL039641.D
Acq: 21 Sep 2022 19:00

Tgt Ion: 104 Resp: 50354
Ion Ratio Lower Upper
104 100
78 56.9 41.2 61.8
103 51.1 38.7 58.1

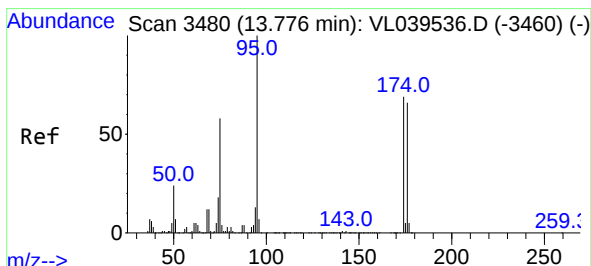
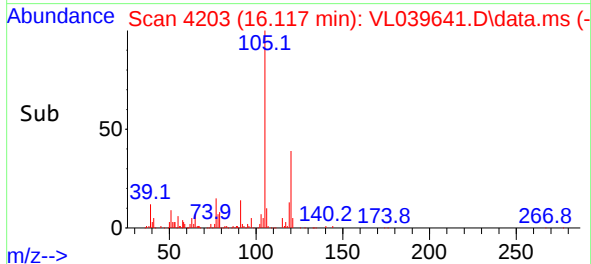
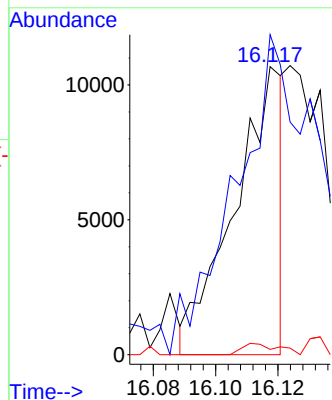
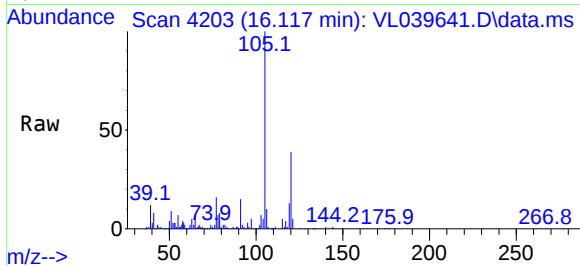




#65
tert-Butylbenzene
Concen: 0.035 ppbv
RT: 16.117 min Scan# 4179
Delta R.T. 0.023 min
Lab File: VL039641.D
Acq: 21 Sep 2022 19:00

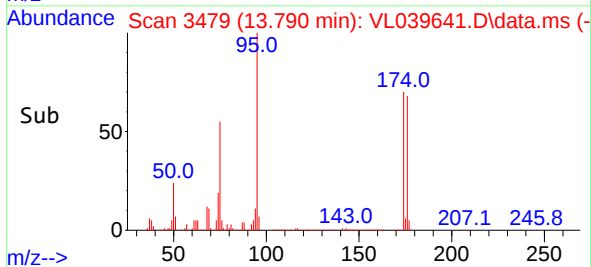
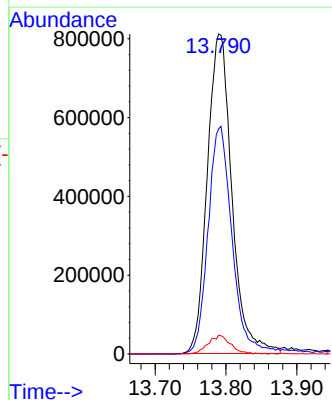
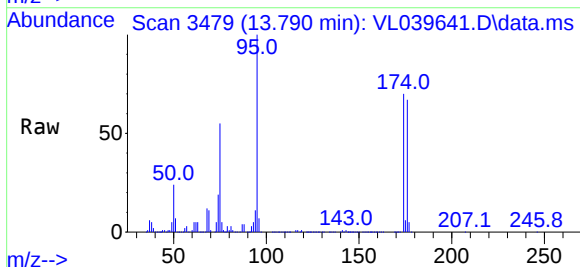
Instrument :
MSVOA_L
ClientSampleId :
C0PF3DUP

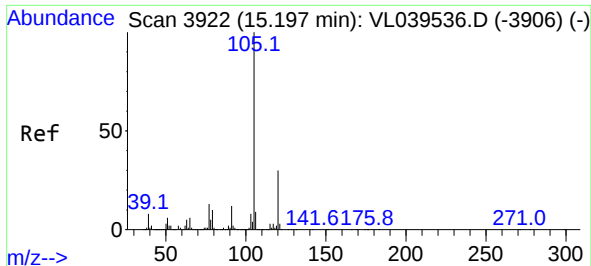
Tgt Ion: 119 Resp: 11424
Ion Ratio Lower Upper
119 100
91 245.8 63.4 95.2#
134 0.0 15.9 23.9#



#68
1-Bromo-4-Fluorobenzene
Concen: 10.537 ppbv
RT: 13.790 min Scan# 3479
Delta R.T. 0.014 min
Lab File: VL039641.D
Acq: 21 Sep 2022 19:00

Tgt Ion: 95 Resp: 1954103
Ion Ratio Lower Upper
95 100
174 70.5 55.9 83.9
175 5.4 4.2 6.4

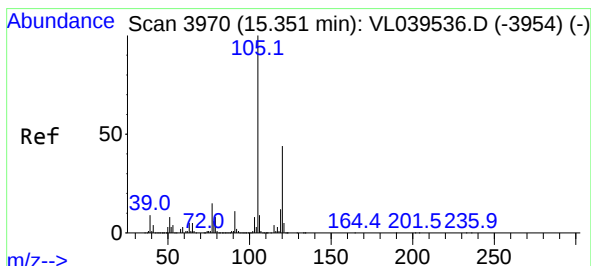
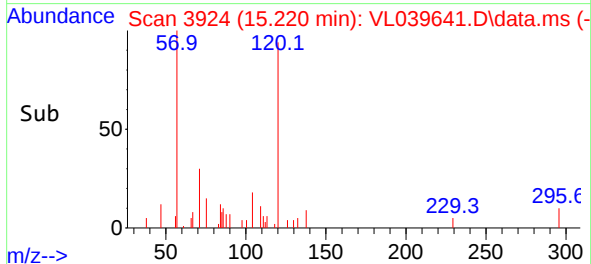
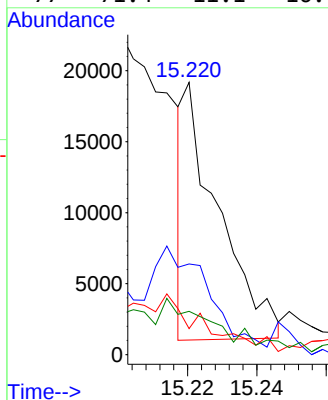
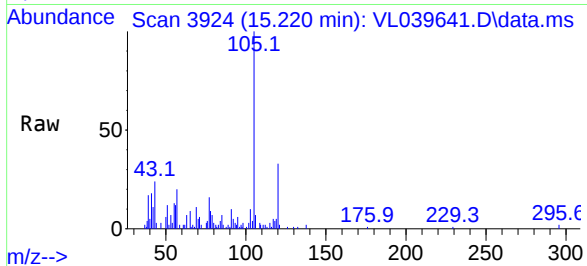




#72
4-Ethyltoluene
Concen: 0.045 ppbv
RT: 15.220 min Scan# 3922
Delta R.T. 0.023 min
Lab File: VL039641.D
Acq: 21 Sep 2022 19:00

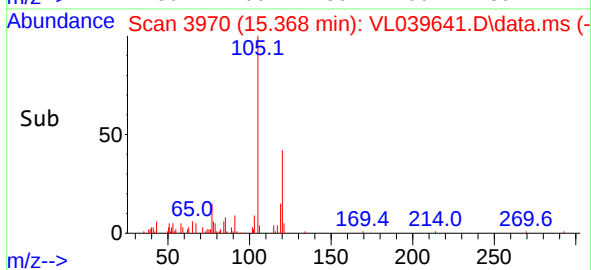
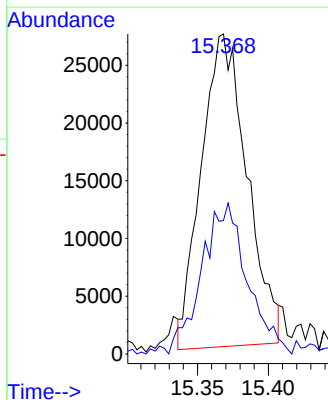
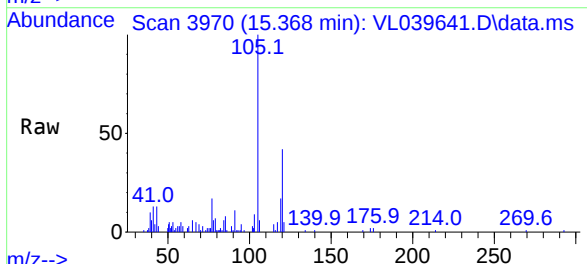
Instrument :
MSVOA_L
ClientSampleId :
C0PF3DUP

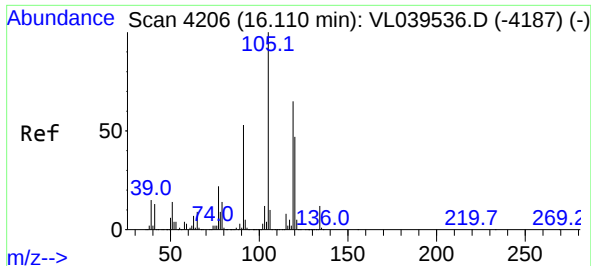
Tgt Ion:	105	Resp:	12506
Ion	Ratio	Lower	Upper
105	100		
120	125.7	24.2	36.2#
91	76.9	10.2	15.4#
77	71.4	11.1	16.7#



#73
1,3,5-Trimethylbenzene
Concen: 0.239 ppbv
RT: 15.368 min Scan# 3970
Delta R.T. 0.017 min
Lab File: VL039641.D
Acq: 21 Sep 2022 19:00

Tgt Ion:	105	Resp:	60793
Ion	Ratio	Lower	Upper
105	100		
120	41.3	38.2	57.4

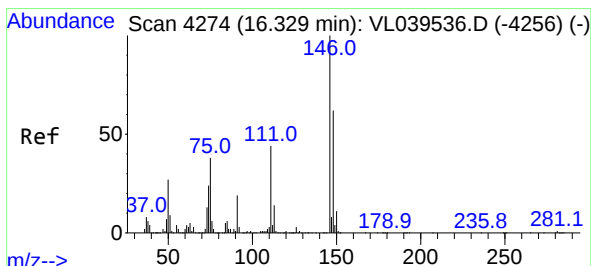
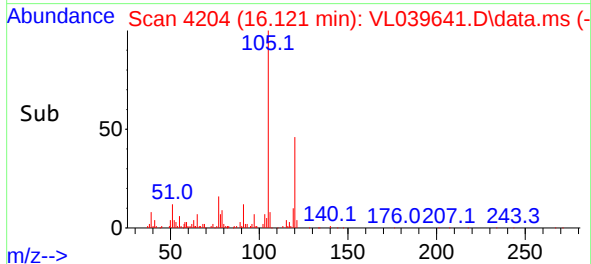
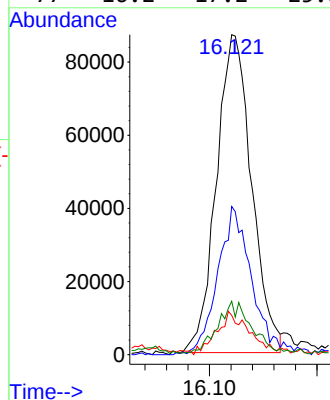
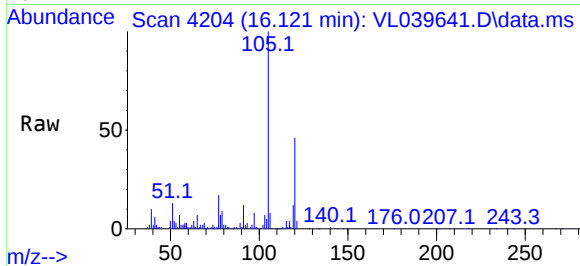




#74
1,2,4-Trimethylbenzene
Concen: 0.694 ppbv
RT: 16.121 min Scan# 4318
Delta R.T. 0.010 min
Lab File: VL039641.D
Acq: 21 Sep 2022 19:00

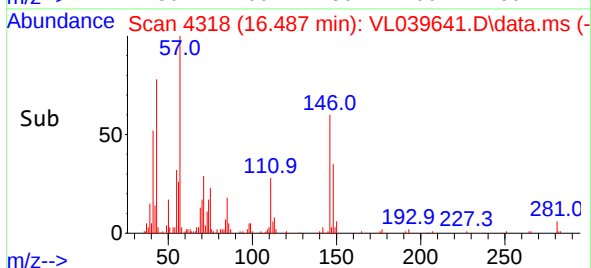
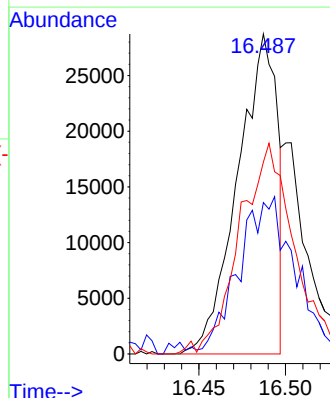
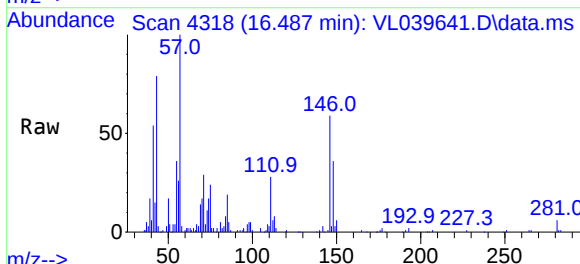
Instrument :
MSVOA_L
ClientSampleId :
C0PF3DUP

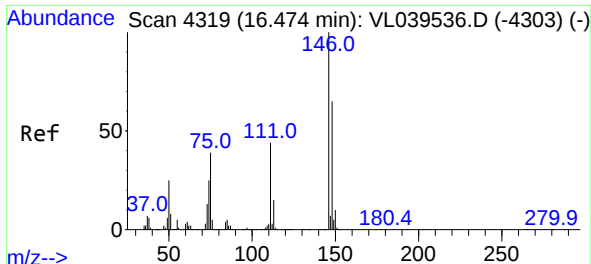
Tgt Ion:	105	Resp:	197694
Ion	Ratio	Lower	Upper
105	100		
120	46.2	39.5	59.3
91	11.1	39.2	58.8#
77	16.2	17.2	25.8#



#75
1,3-Dichlorobenzene
Concen: 0.269 ppbv
RT: 16.487 min Scan# 4318
Delta R.T. 0.158 min
Lab File: VL039641.D
Acq: 21 Sep 2022 19:00

Tgt Ion:	146	Resp:	45780
Ion	Ratio	Lower	Upper
146	100		
111	77.7	22.9	68.7#
148	95.8	32.1	96.5

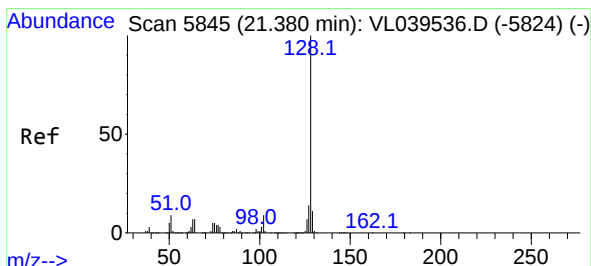
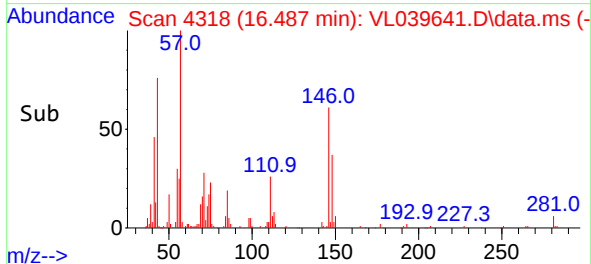
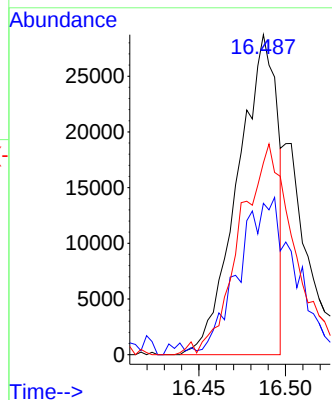
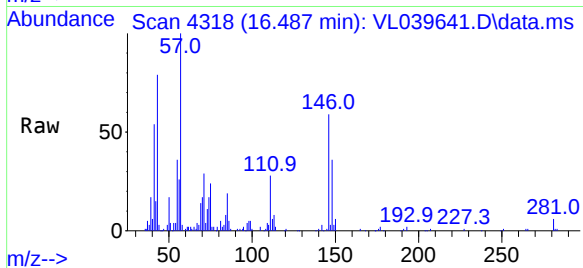




#76
1,4-Dichlorobenzene
Concen: 0.269 ppbv
RT: 16.487 min Scan# 41
Delta R.T. 0.014 min
Lab File: VL039641.D
Acq: 21 Sep 2022 19:00

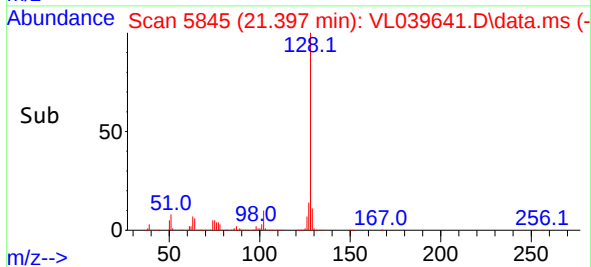
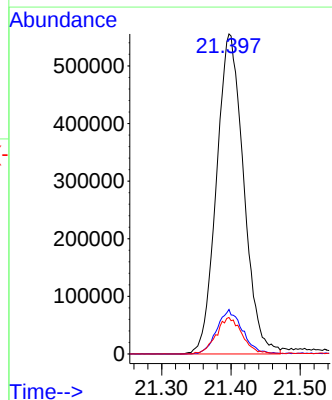
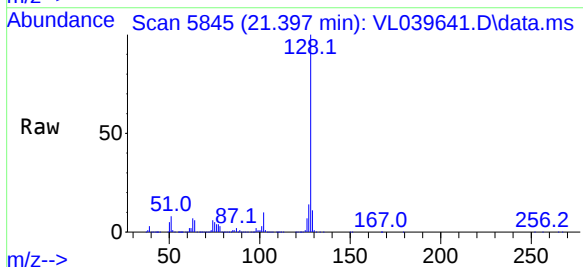
Instrument :
MSVOA_L
ClientSampleId :
C0PF3DUP

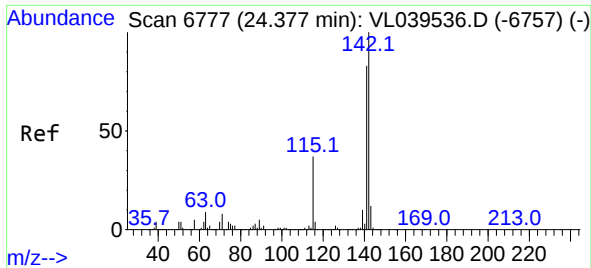
Tgt Ion:146 Resp: 45780
Ion Ratio Lower Upper
146 100
111 77.7 22.9 68.8#
148 95.8 33.6 100.8



#79
Naphthalene
Concen: 8.024 ppbv
RT: 21.397 min Scan# 5845
Delta R.T. 0.017 min
Lab File: VL039641.D
Acq: 21 Sep 2022 19:00

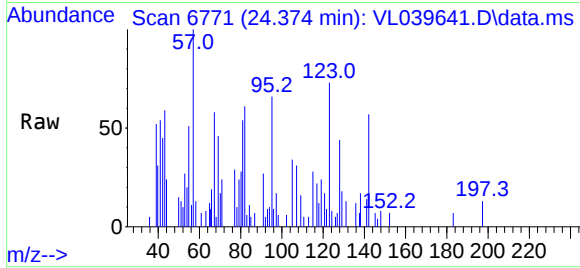
Tgt Ion:128 Resp: 1509544
Ion Ratio Lower Upper
128 100
127 13.9 10.6 15.8
129 11.4 8.8 13.2





#80
 Naphthalene, 2-methyl-
 Concen: 0.058 ppbv
 RT: 24.374 min Scan# 61
 Delta R.T. -0.002 min
 Lab File: VL039641.D
 Acq: 21 Sep 2022 19:00

Instrument :
 MSVOA_L
 ClientSampleId :
 C0PF3DUP



Tgt Ion:	142	Resp:	4100
Ion	Ratio	Lower	Upper
142	100		
141	80.4	68.9	103.3
115	60.1	30.0	45.0

