

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092122\
 Data File : VL039649.D
 Acq On : 22 Sep 2022 00:18
 Operator : SY/AP
 Sample : N4669-05
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 C0PF7

Quant Time: Sep 22 08:22:20 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	5.214	49	1079631	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.674	114	2660268	10.000	ppbv	0.01
55) Chlorobenzene-d5	11.484	117	2461864	10.000	ppbv	0.01

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.793	95	1868977	10.170	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.700%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.758	85	85437	0.683	ppbv	95
3) Chlorodifluoromethane	2.681	51	302250	2.359	ppbv #	62
4) Chloromethane	2.841	50	39089	0.506	ppbv	98
9) Propene	2.735	41	925157	15.810	ppbv #	59
10) Heptane	7.600	43	59831	0.438	ppbv	91
11) Trichlorofluoromethane	3.591	101	34989	0.226	ppbv	92
12) 1,1,2-Trichlorotrifluo...	4.092	101	4738	0.040	ppbv #	34
13) Ethanol	3.275	45	3789433	849.934	ppbv	71
15) Acetone	3.491	43	2905320	24.184	ppbv	99
16) 1,3-Butadiene	2.996	39	21678	0.356	ppbv #	19
17) tert-Butyl alcohol	3.616	59	70171	0.651	ppbv	96
19) Isopropyl Alcohol	3.613	45	2115835	34.551	ppbv #	95
20) Methylene Chloride	3.960	84	816794	14.705	ppbv	92
21) Allyl Chloride	3.960	41	38380	0.469	ppbv #	43
23) Vinyl Acetate	4.639	43	120625	2.221	ppbv #	15
25) Ethyl Acetate	5.234	43	438751	1.675	ppbv #	91
26) Hexane	5.237	57	370020	3.328	ppbv #	58
27) Carbon Disulfide	4.147	76	7359	0.063	ppbv #	49
29) Chloroform	5.298	83	389312	2.426	ppbv	99
31) cis-1,2-Dichloroethene	5.224	61	24177	0.240	ppbv #	29
34) 2-Butanone	4.812	43	140450	1.075	ppbv	100
35) Carbon Tetrachloride	6.513	117	11201	0.079	ppbv	96
36) Benzene	6.388	78	56445	0.278	ppbv #	83
37) 1,2-Dichloroethane	5.828	62	34305	0.310	ppbv #	81
39) 1,2-Dichloropropane	6.674	63	650877	8.288	ppbv #	24
41) Tetrahydrofuran	5.581	42	11373	0.142	ppbv #	35
42) Bromodichloromethane	7.272	83	16477	0.107	ppbv	88
44) 2,2,4-Trimethylpentane	7.349	57	131603	0.375	ppbv #	81
52) Tetrachloroethene	10.632	164	40723	0.525	ppbv	94
53) Toluene	9.243	91	191737	0.848	ppbv #	21
58) Ethyl Benzene	12.108	91	122840	0.433	ppbv	91
59) m/p-Xylene	12.391	91	42961	0.170	ppbv #	32
60) o-Xylene	13.072	91	90970	0.377	ppbv	94
61) Styrene	12.918	104	46287	0.356	ppbv	91
65) tert-Butylbenzene	16.394	119	512891	1.599	ppbv #	22
66) Benzyl Chloride	16.355	91	862	0.034	ppbv #	1
69) p-Isopropyltoluene	17.011	119	58260	0.158	ppbv #	89
72) 4-Ethyltoluene	15.217	105	8335	0.030	ppbv #	35
74) 1,2,4-Trimethylbenzene	16.130	105	59414	0.210	ppbv #	61
76) 1,4-Dichlorobenzene	16.490	146	13326	0.079	ppbv	84
79) Naphthalene	21.413	128	7220	0.039	ppbv	97

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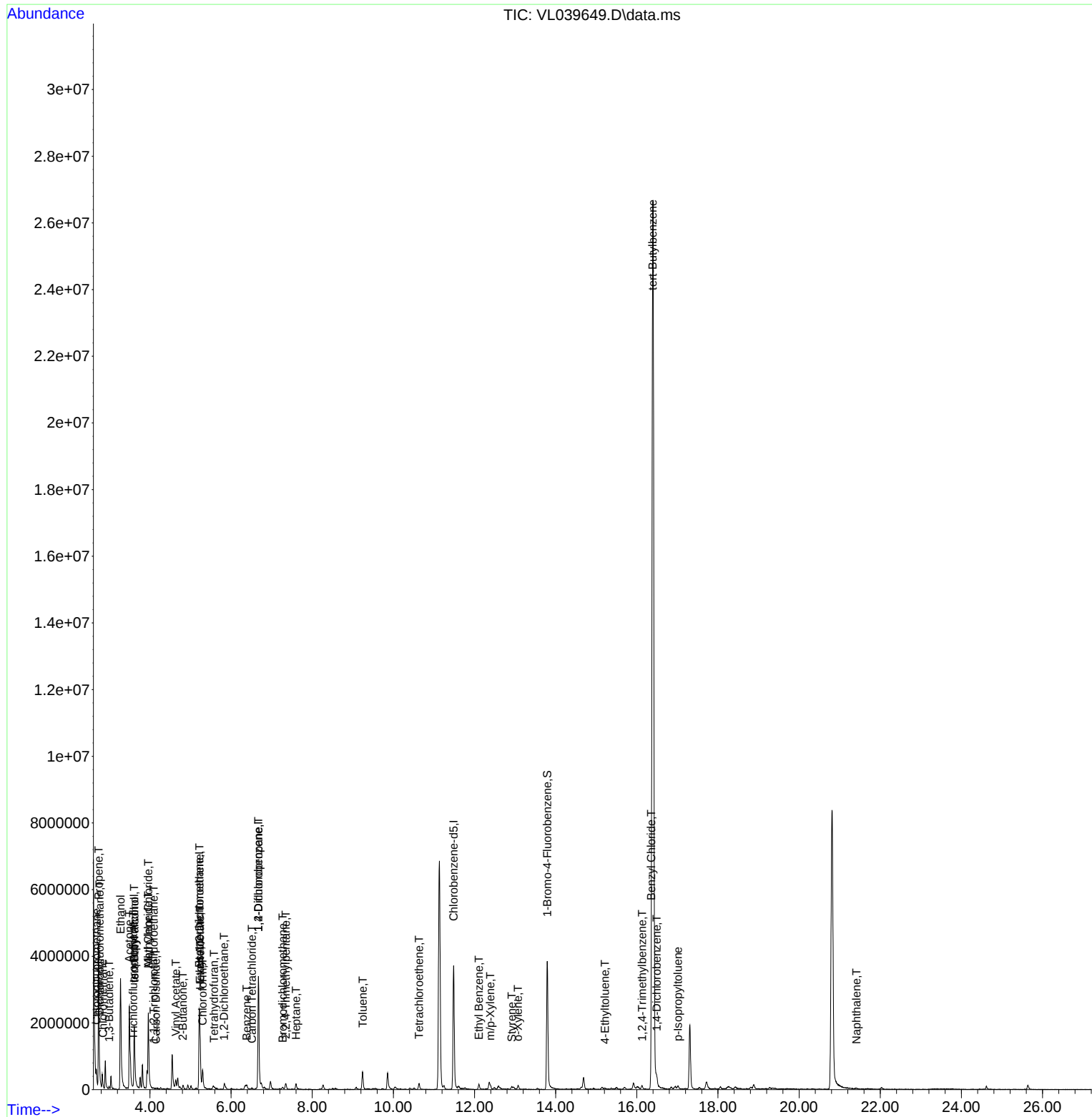
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

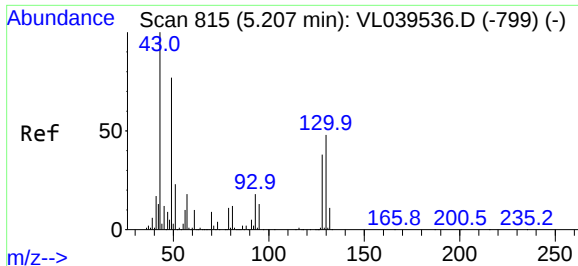
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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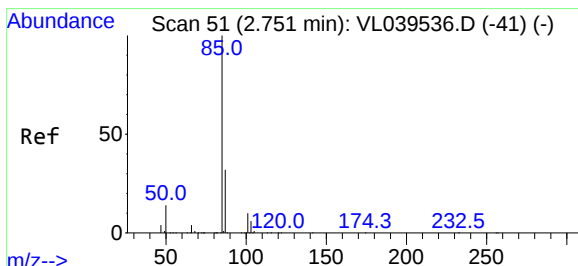
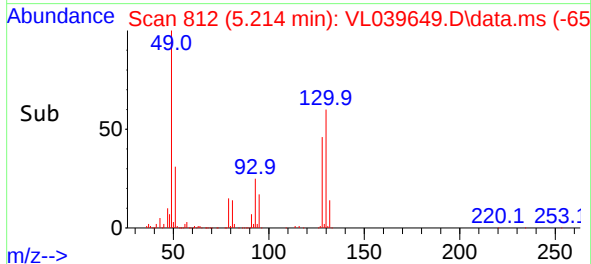
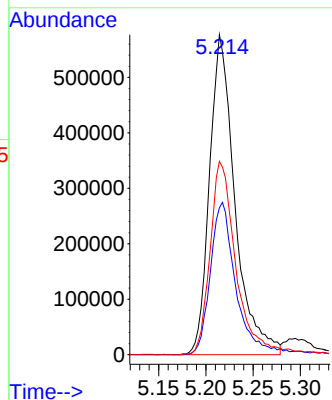
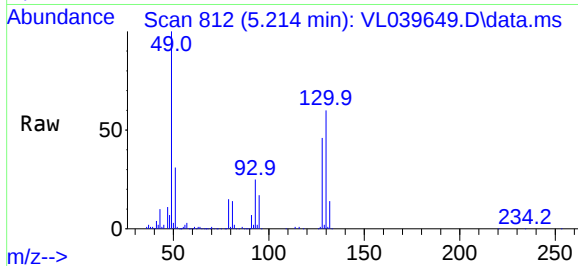




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.214 min Scan# 81
Delta R.T. 0.007 min
Lab File: VL039649.D
Acq: 22 Sep 2022 00:18

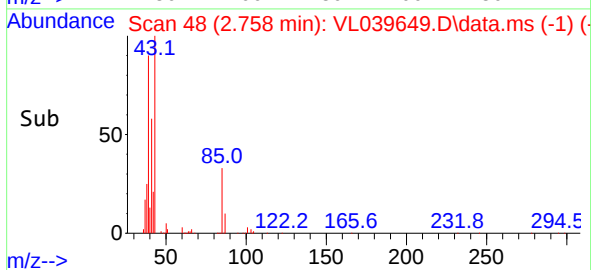
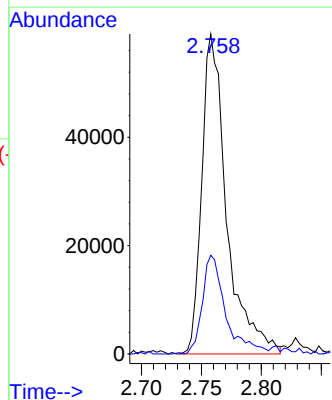
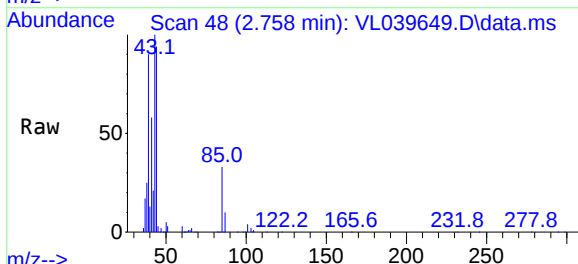
Instrument :
MSVOA_L
ClientSampleId :
C0PF7

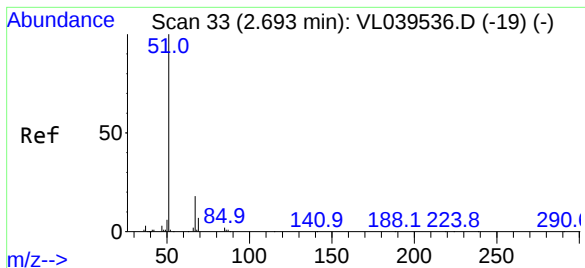
Tgt Ion: 49 Resp: 1079631
Ion Ratio Lower Upper
49 100
128 49.1 26.7 80.0
130 63.4 34.3 102.8



#2
Dichlorodifluoromethane
Concen: 0.683 ppbv
RT: 2.758 min Scan# 48
Delta R.T. 0.007 min
Lab File: VL039649.D
Acq: 22 Sep 2022 00:18

Tgt Ion: 85 Resp: 85437
Ion Ratio Lower Upper
85 100
87 30.4 26.7 40.1

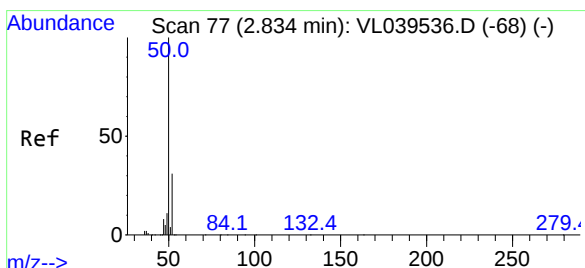
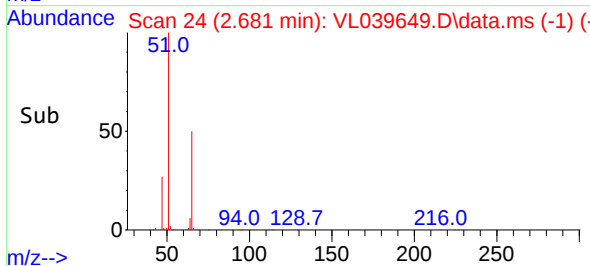
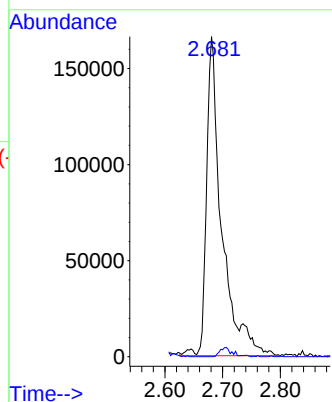
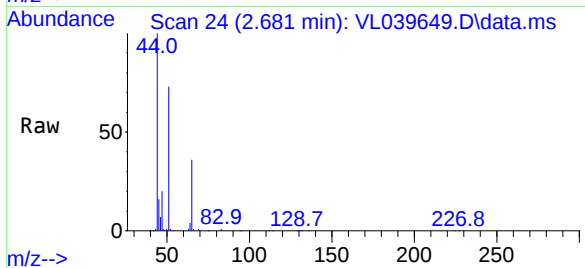




#3
Chlorodifluoromethane
Concen: 2.359 ppbv
RT: 2.681 min Scan# 24
Delta R.T. -0.012 min
Lab File: VL039649.D
Acq: 22 Sep 2022 00:18

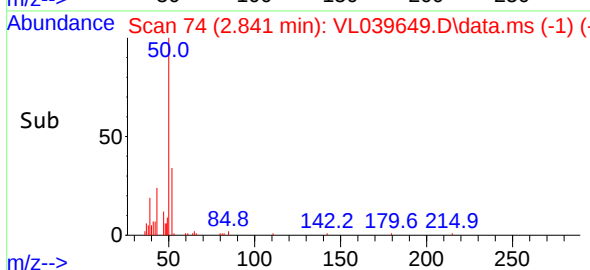
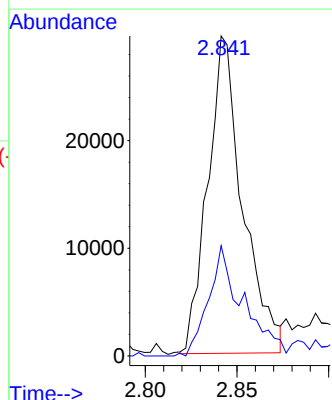
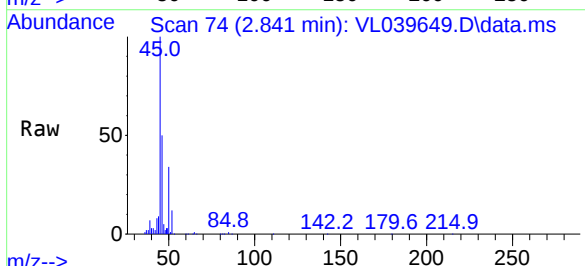
Instrument :
MSVOA_L
ClientSampleId :
COPF7

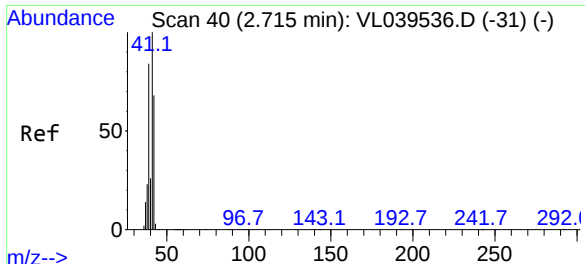
Tgt Ion: 51 Resp: 302250
Ion Ratio Lower Upper
51 100
67 2.4 15.7 23.5#



#4
Chloromethane
Concen: 0.506 ppbv
RT: 2.841 min Scan# 74
Delta R.T. 0.007 min
Lab File: VL039649.D
Acq: 22 Sep 2022 00:18

Tgt Ion: 50 Resp: 39089
Ion Ratio Lower Upper
50 100
52 34.0 26.5 39.7





#9

Propene

Concen: 15.810 ppbv

RT: 2.735 min Scan# 41

Delta R.T. 0.020 min

Lab File: VL039649.D

Acq: 22 Sep 2022 00:18

Instrument :

MSVOA_L

ClientSampleId :

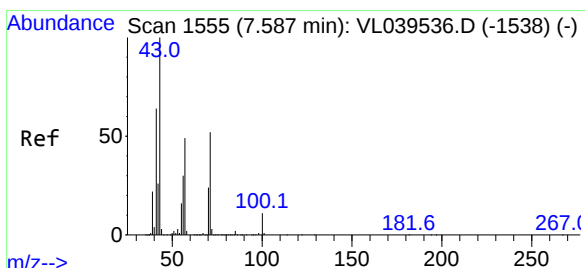
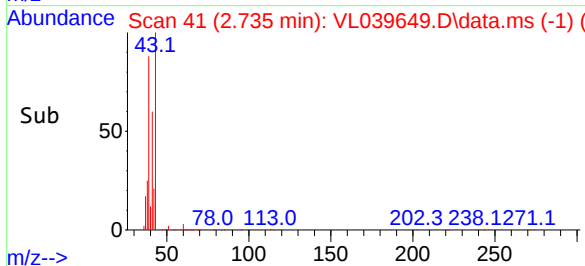
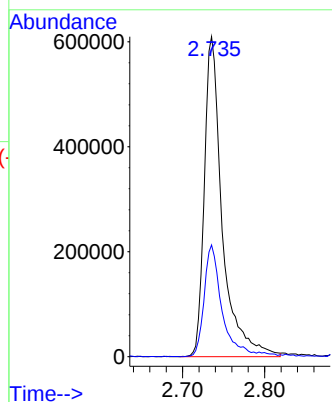
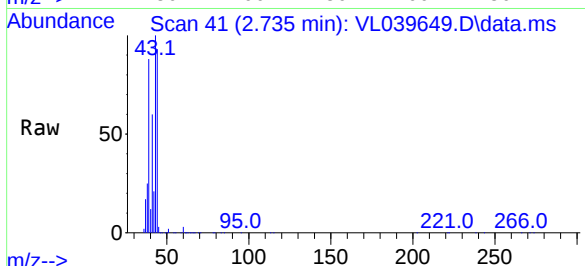
C0PF7

Tgt Ion: 41 Resp: 925157

Ion Ratio Lower Upper

41 100

42 35.9 55.2 82.8#



#10

Heptane

Concen: 0.438 ppbv

RT: 7.600 min Scan# 1554

Delta R.T. 0.013 min

Lab File: VL039649.D

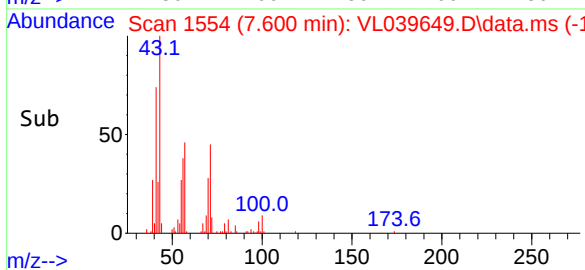
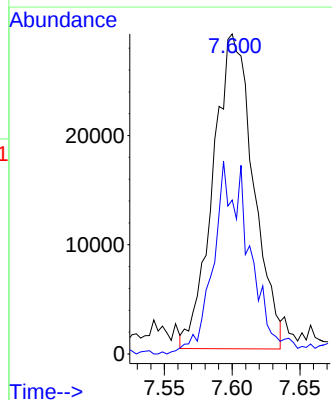
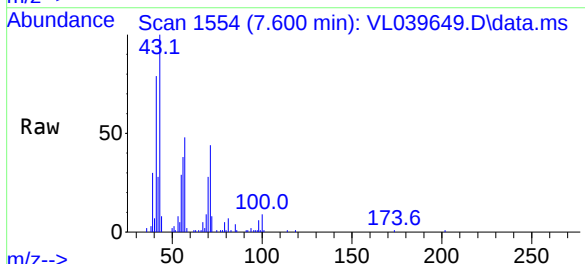
Acq: 22 Sep 2022 00:18

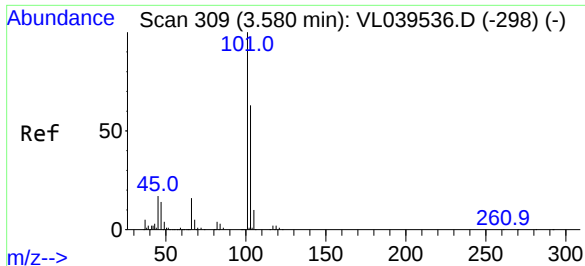
Tgt Ion: 43 Resp: 59831

Ion Ratio Lower Upper

43 100

57 56.5 40.5 60.7

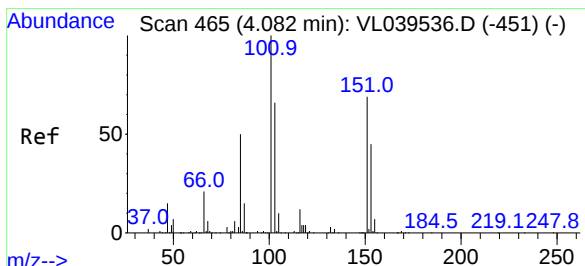
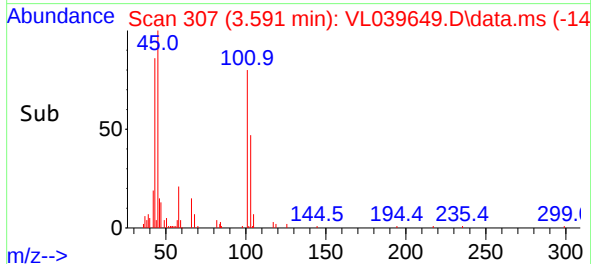
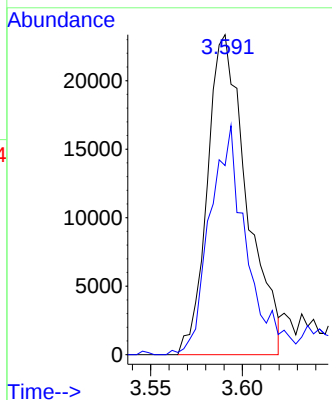
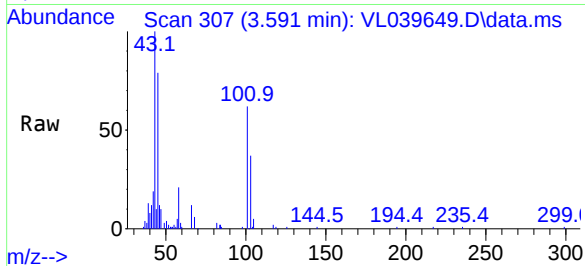




#11
Trichlorofluoromethane
Concen: 0.226 ppbv
RT: 3.591 min Scan# 309
Delta R.T. 0.010 min
Lab File: VL039649.D
Acq: 22 Sep 2022 00:18

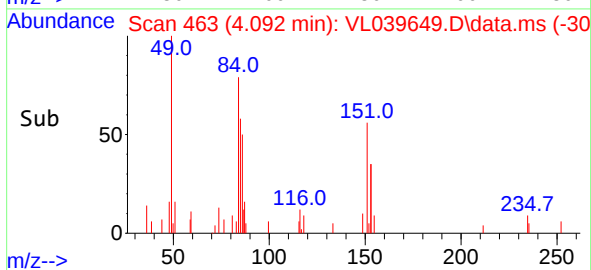
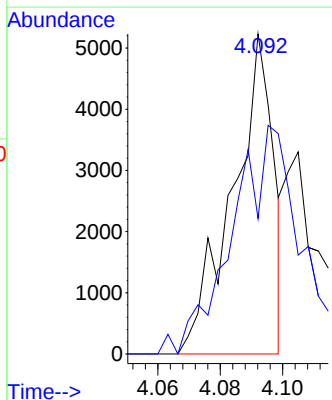
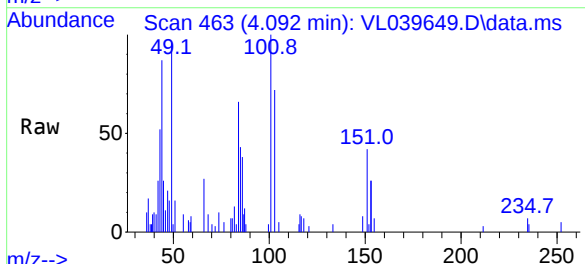
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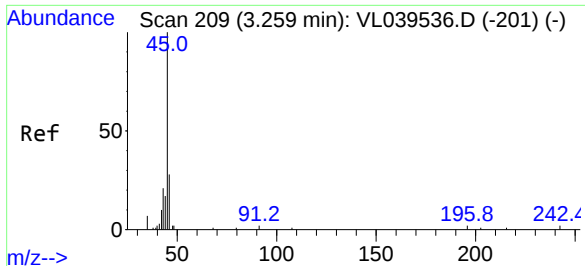
Tgt Ion:101 Resp: 34989
Ion Ratio Lower Upper
101 100
103 58.4 51.8 77.8



#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.040 ppbv
RT: 4.092 min Scan# 463
Delta R.T. 0.010 min
Lab File: VL039649.D
Acq: 22 Sep 2022 00:18

Tgt Ion:101 Resp: 4738
Ion Ratio Lower Upper
101 100
151 129.4 58.9 88.3#

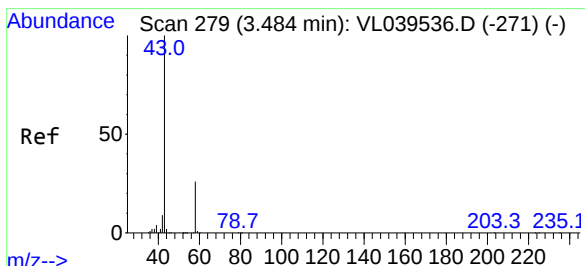
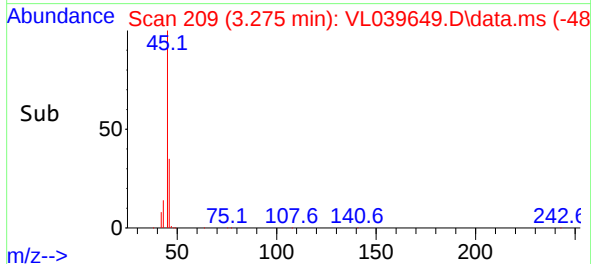
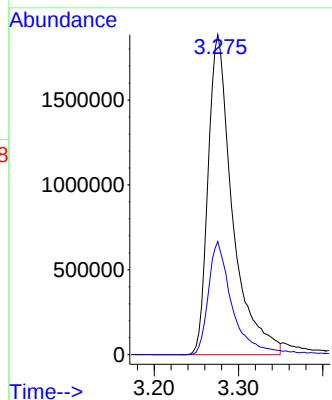
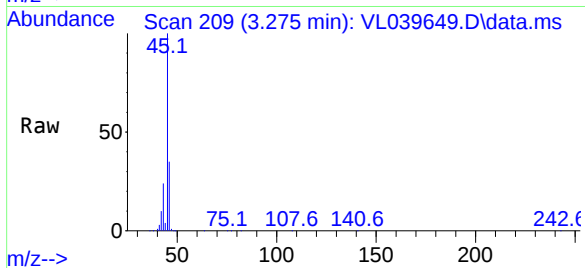




#13
Ethanol
Concen: 849.934 ppbv
RT: 3.275 min Scan# 209
Delta R.T. 0.017 min
Lab File: VL039649.D
Acq: 22 Sep 2022 00:18

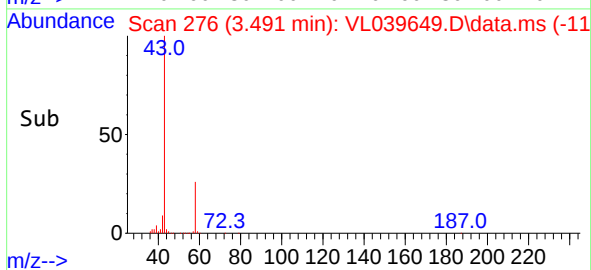
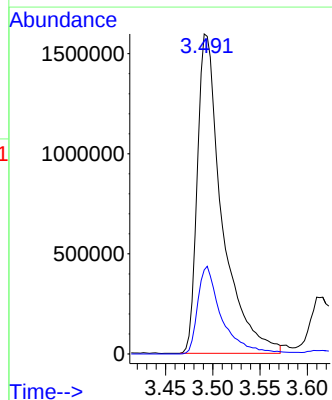
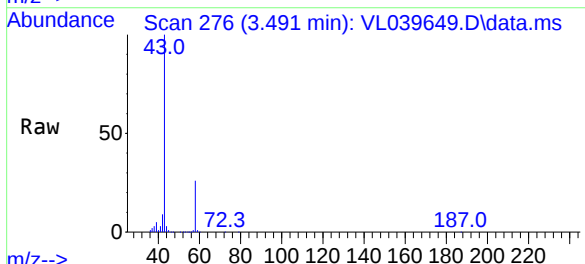
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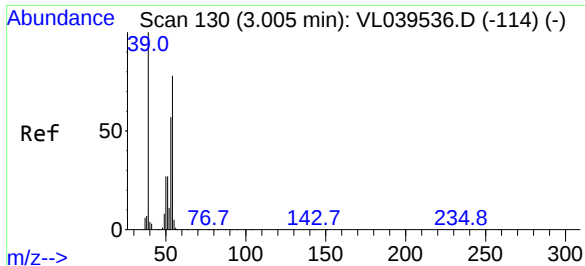
Tgt Ion: 45 Resp: 3789433
Ion Ratio Lower Upper
45 100
46 35.8 22.8 91.2



#15
Acetone
Concen: 24.184 ppbv
RT: 3.491 min Scan# 276
Delta R.T. 0.007 min
Lab File: VL039649.D
Acq: 22 Sep 2022 00:18

Tgt Ion: 43 Resp: 2905320
Ion Ratio Lower Upper
43 100
58 26.7 21.0 31.6

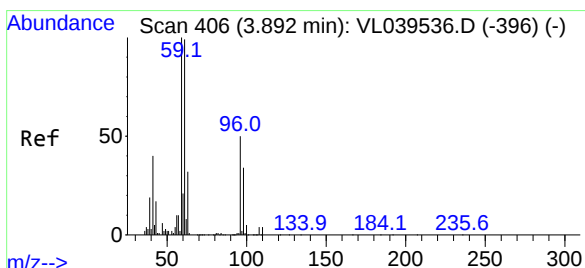
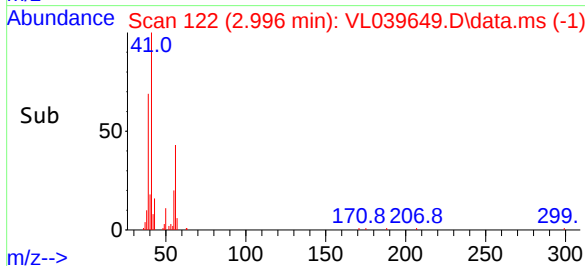
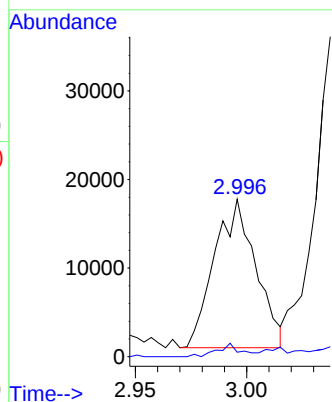
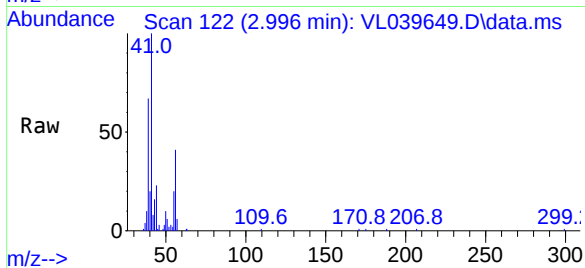




#16
1,3-Butadiene
Concen: 0.356 ppbv
RT: 2.996 min Scan# 11
Delta R.T. -0.009 min
Lab File: VL039649.D
Acq: 22 Sep 2022 00:18

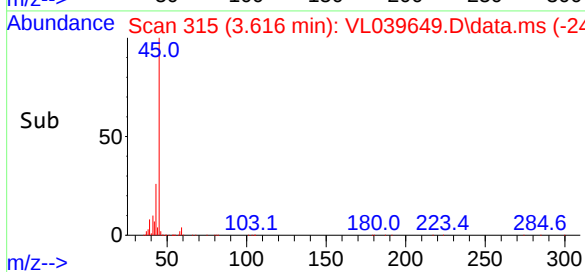
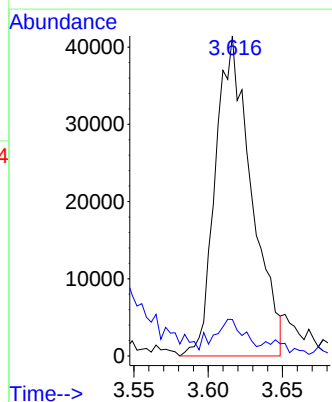
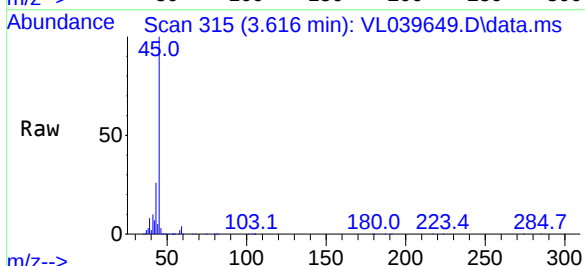
Instrument :
MSVOA_L
ClientSampleId :
COPF7

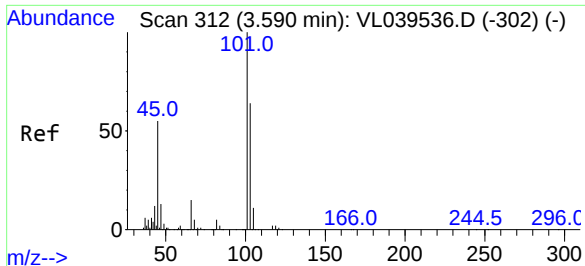
Tgt Ion: 39 Resp: 21678
Ion Ratio Lower Upper
39 100
54 8.3 63.7 95.5#



#17
tert-Butyl alcohol
Concen: 0.651 ppbv
RT: 3.616 min Scan# 315
Delta R.T. -0.276 min
Lab File: VL039649.D
Acq: 22 Sep 2022 00:18

Tgt Ion: 59 Resp: 70171
Ion Ratio Lower Upper
59 100
57 12.5 8.7 13.1





#19

Isopropyl Alcohol

Concen: 34.551 ppbv

RT: 3.613 min Scan# 311

Delta R.T. 0.023 min

Lab File: VL039649.D

Acq: 22 Sep 2022 00:18

Instrument :

MSVOA_L

ClientSampleId :

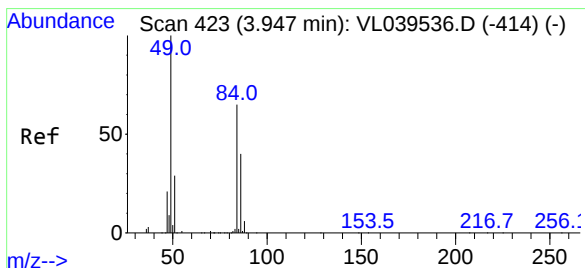
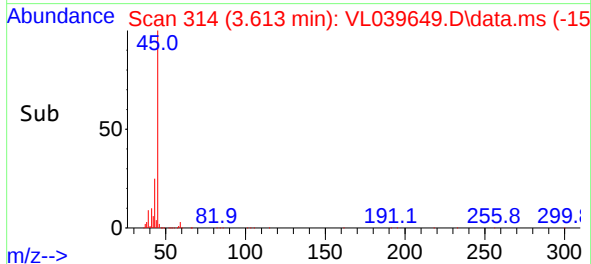
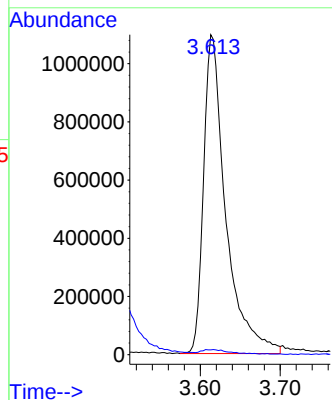
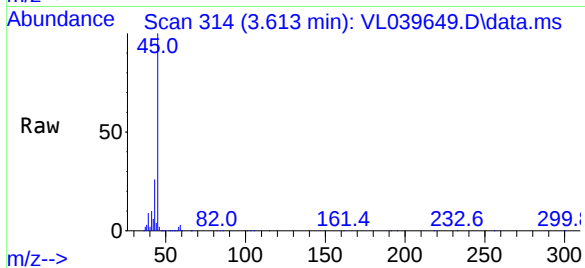
C0PF7

Tgt Ion: 45 Resp: 2115835

Ion Ratio Lower Upper

45 100

58 2.4 3.2 4.8#



#20

Methylene Chloride

Concen: 14.705 ppbv

RT: 3.960 min Scan# 422

Delta R.T. 0.014 min

Lab File: VL039649.D

Acq: 22 Sep 2022 00:18

Tgt Ion: 84 Resp: 816794

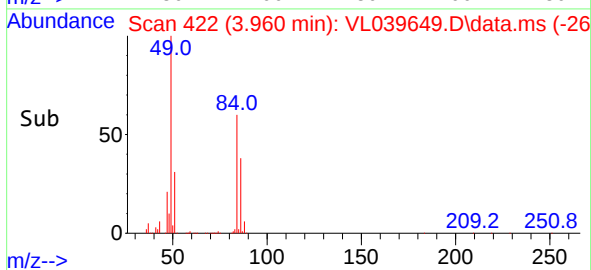
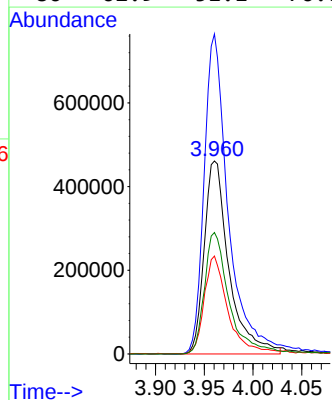
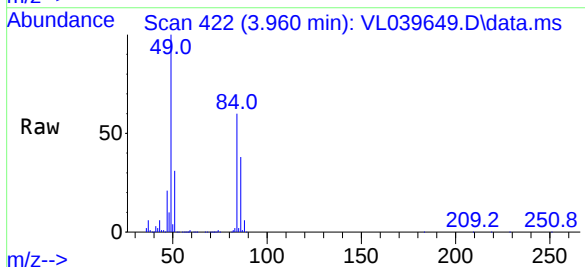
Ion Ratio Lower Upper

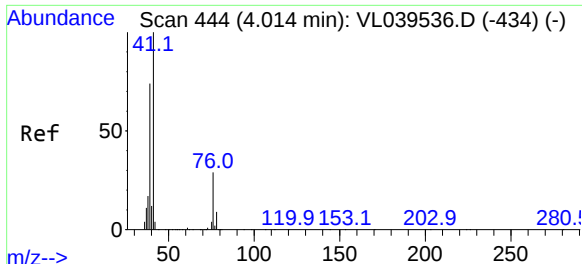
84 100

49 165.6 123.1 184.7

51 50.6 34.4 51.6

86 62.9 51.1 76.7





#21

Allyl Chloride

Concen: 0.469 ppbv

RT: 3.960 min Scan# 41

Delta R.T. -0.054 min

Lab File: VL039649.D

Acq: 22 Sep 2022 00:18

Instrument :

MSVOA_L

ClientSampleId :

C0PF7

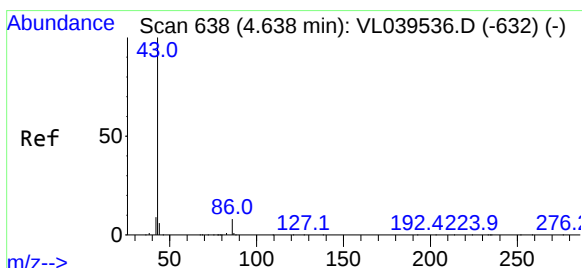
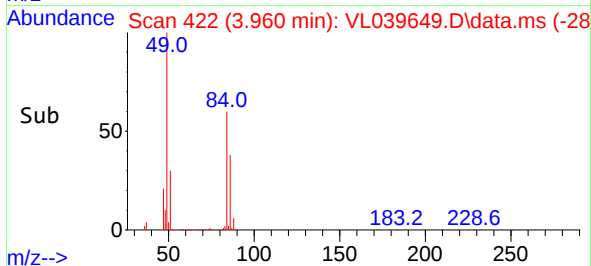
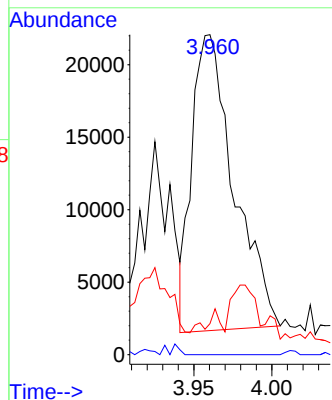
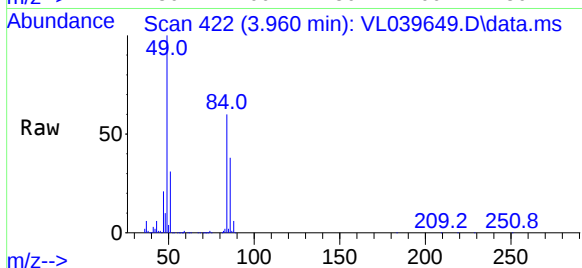
Tgt Ion: 41 Resp: 38380

Ion Ratio Lower Upper

41 100

76 0.0 24.4 36.6#

39 29.3 63.5 95.3#



#23

Vinyl Acetate

Concen: 2.221 ppbv

RT: 4.639 min Scan# 633

Delta R.T. 0.001 min

Lab File: VL039649.D

Acq: 22 Sep 2022 00:18

Tgt Ion: 43 Resp: 120625

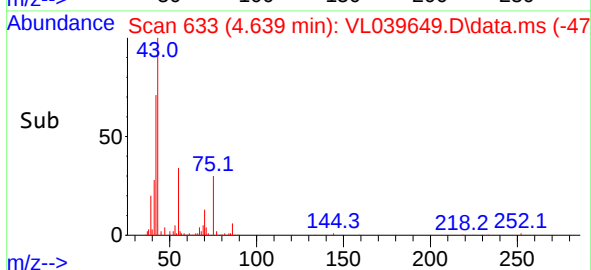
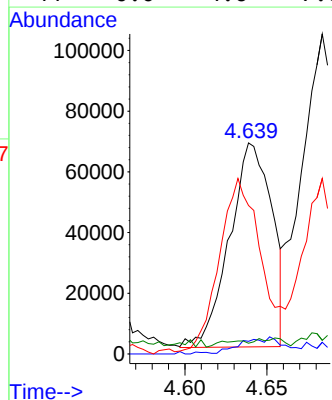
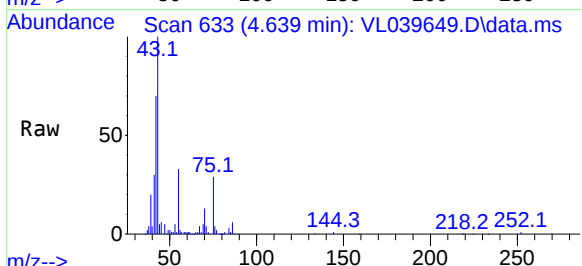
Ion Ratio Lower Upper

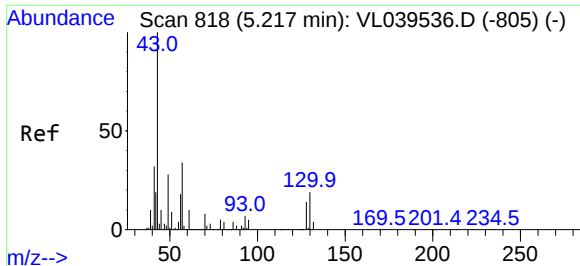
43 100

86 5.3 5.0 7.6

42 75.7 7.7 11.5#

44 0.0 4.6 7.0#



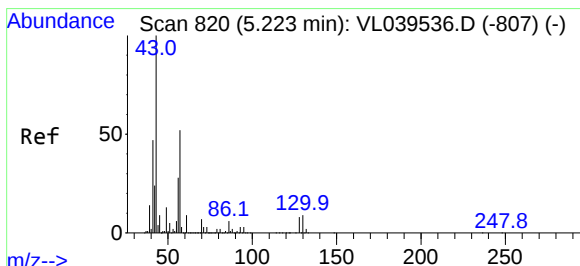
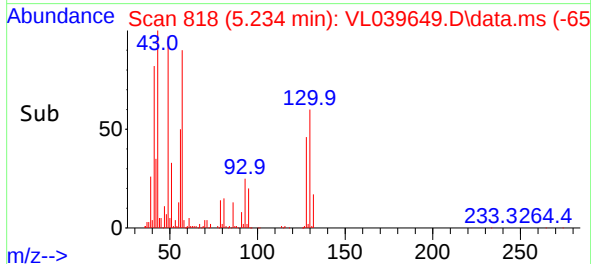
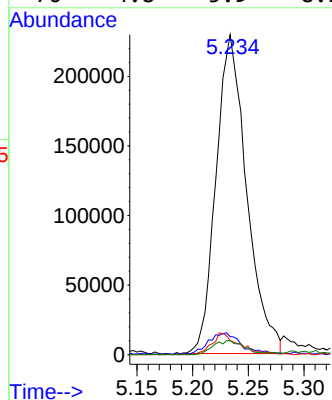
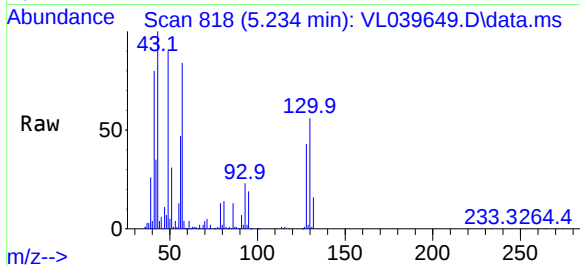


#25
Ethyl Acetate
Concen: 1.675 ppbv
RT: 5.234 min Scan# 818
Delta R.T. 0.017 min
Lab File: VL039649.D
Acq: 22 Sep 2022 00:18

Instrument :
MSVOA_L
ClientSampleId :
C0PF7

Tgt Ion: 43 Resp: 438751

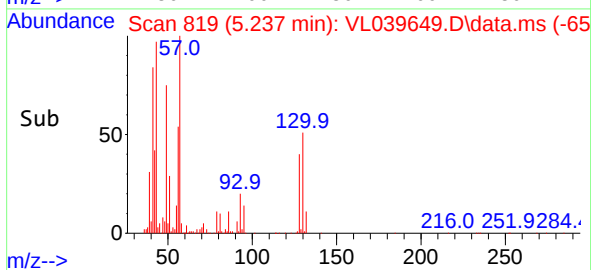
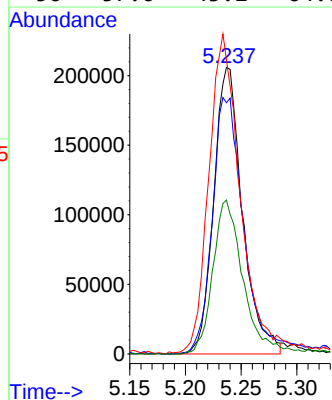
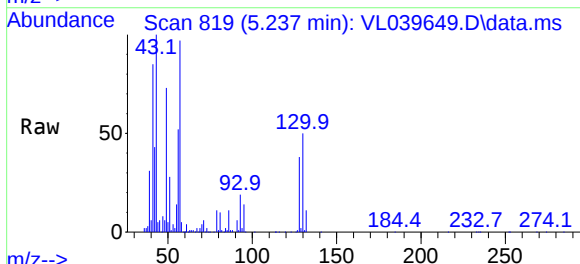
Ion	Ratio	Lower	Upper
43	100		
45	7.2	8.2	12.4#
61	6.1	8.3	12.5#
70	4.8	5.9	8.9#

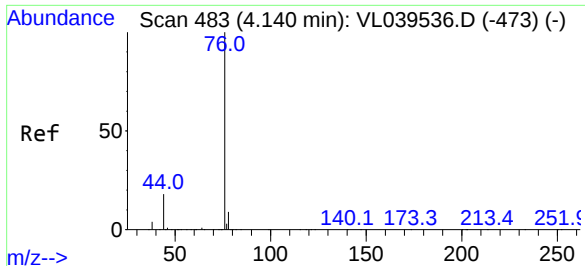


#26
Hexane
Concen: 3.328 ppbv
RT: 5.237 min Scan# 819
Delta R.T. 0.013 min
Lab File: VL039649.D
Acq: 22 Sep 2022 00:18

Tgt Ion: 57 Resp: 370020

Ion	Ratio	Lower	Upper
57	100		
41	100.8	76.9	115.3
43	127.6	191.0	286.6#
56	57.6	43.2	64.8

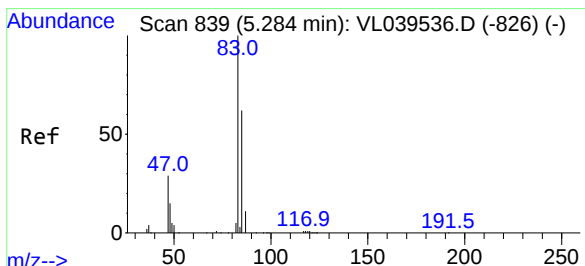
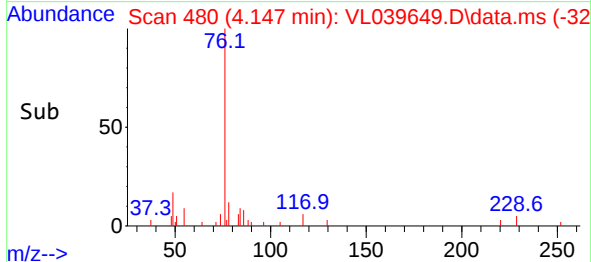
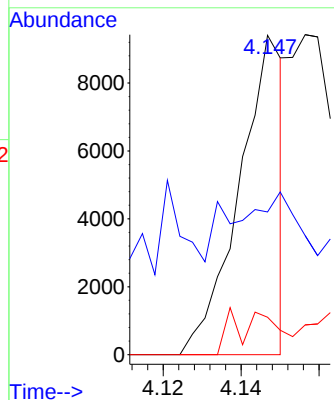
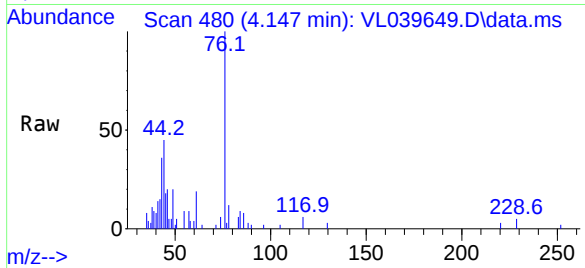




#27
Carbon Disulfide
Concen: 0.063 ppbv
RT: 4.147 min Scan# 41
Delta R.T. 0.007 min
Lab File: VL039649.D
Acq: 22 Sep 2022 00:18

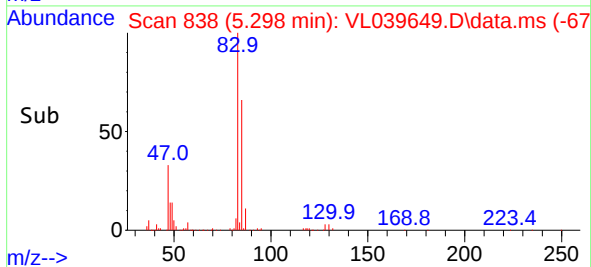
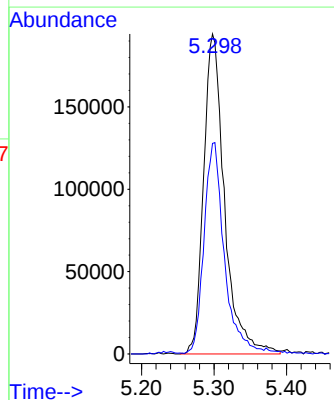
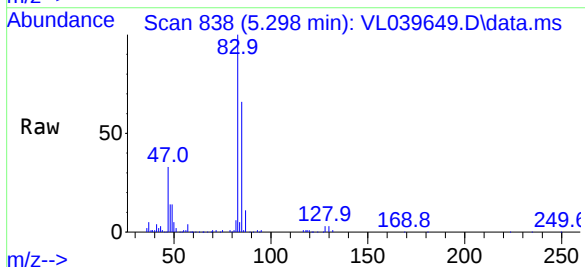
Instrument :
MSVOA_L
ClientSampleId :
COPF7

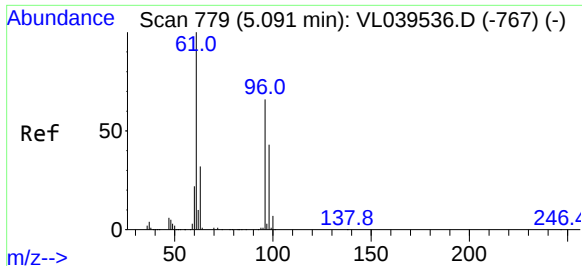
Tgt Ion: 76 Resp: 7359
Ion Ratio Lower Upper
76 100
44 0.0 14.6 21.8#
78 35.7 7.8 11.6#



#29
Chloroform
Concen: 2.426 ppbv
RT: 5.298 min Scan# 838
Delta R.T. 0.013 min
Lab File: VL039649.D
Acq: 22 Sep 2022 00:18

Tgt Ion: 83 Resp: 389312
Ion Ratio Lower Upper
83 100
85 65.5 52.8 79.2

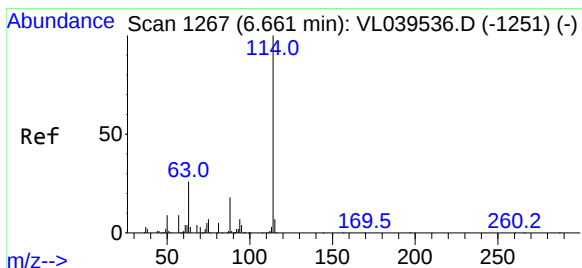
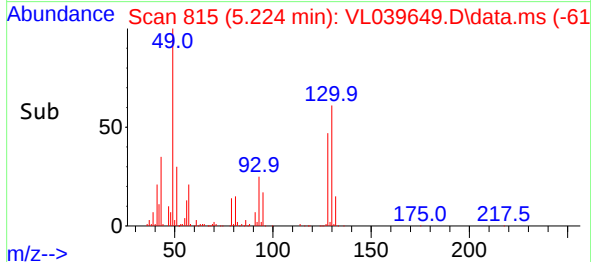
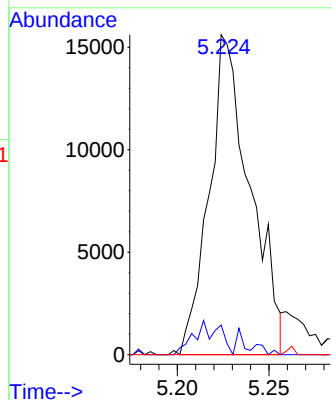
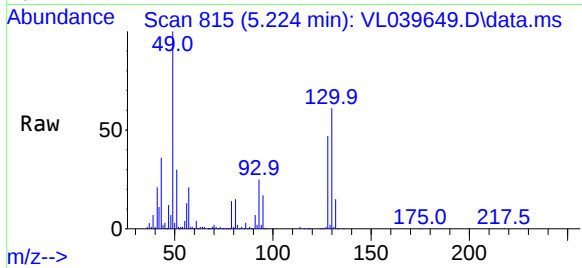




#31
 cis-1,2-Dichloroethene
 Concen: 0.240 ppbv
 RT: 5.224 min Scan# 81
 Delta R.T. 0.132 min
 Lab File: VL039649.D
 Acq: 22 Sep 2022 00:18

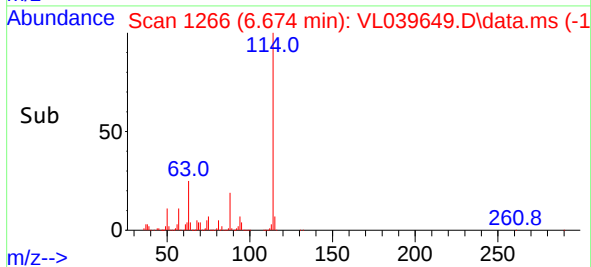
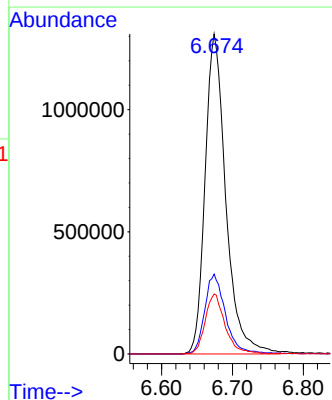
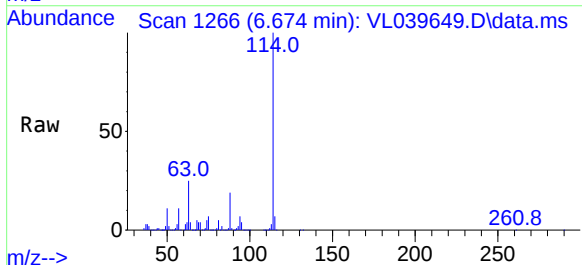
Instrument :
 MSVOA_L
 ClientSampleId :
 C0PF7

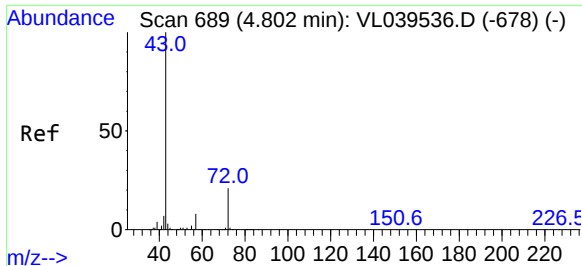
Tgt Ion: 61 Resp: 24177
 Ion Ratio Lower Upper
 61 100
 96 9.2 54.1 81.1#
 98 0.0 34.6 52.0#



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 6.674 min Scan# 1266
 Delta R.T. 0.013 min
 Lab File: VL039649.D
 Acq: 22 Sep 2022 00:18

Tgt Ion: 114 Resp: 2660268
 Ion Ratio Lower Upper
 114 100
 63 25.1 20.2 30.4
 88 18.2 14.5 21.7

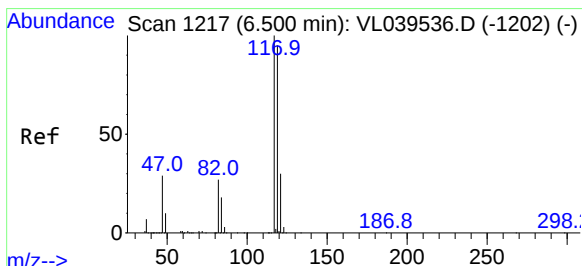
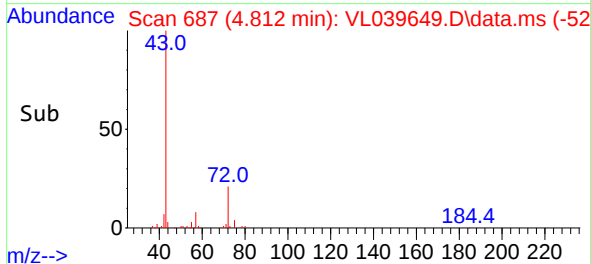
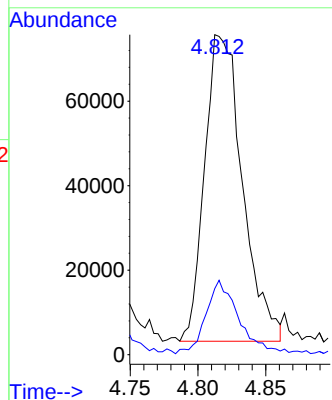
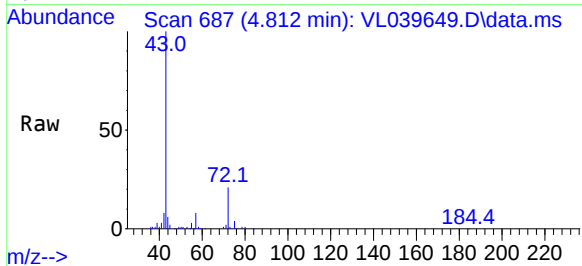




#34
2-Butanone
Concen: 1.075 ppbv
RT: 4.812 min Scan# 61
Delta R.T. 0.010 min
Lab File: VL039649.D
Acq: 22 Sep 2022 00:18

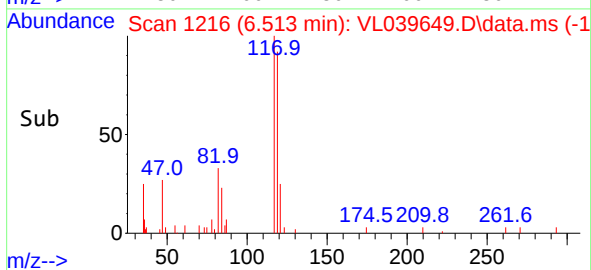
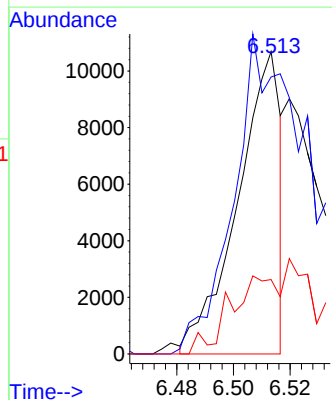
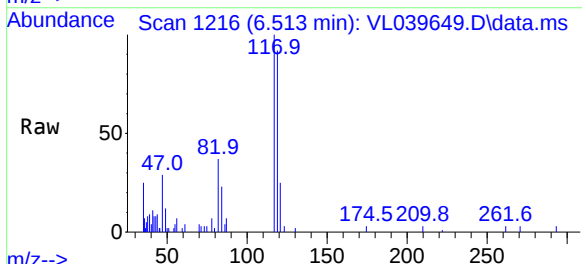
Instrument :
MSVOA_L
ClientSampleId :
COPF7

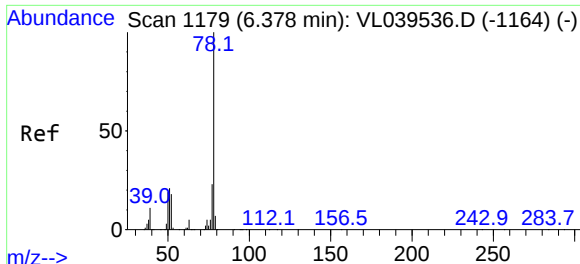
Tgt Ion: 43 Resp: 140450
Ion Ratio Lower Upper
43 100
72 22.4 17.9 26.9



#35
Carbon Tetrachloride
Concen: 0.079 ppbv
RT: 6.513 min Scan# 1216
Delta R.T. 0.014 min
Lab File: VL039649.D
Acq: 22 Sep 2022 00:18

Tgt Ion: 117 Resp: 11201
Ion Ratio Lower Upper
117 100
119 92.3 75.4 113.2
121 25.2 24.2 36.2

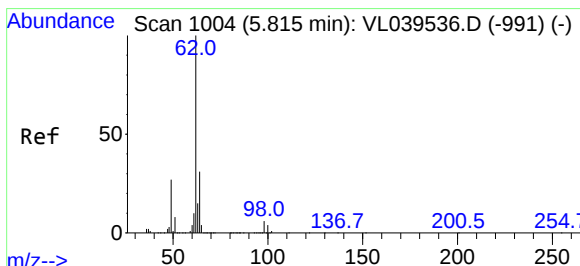
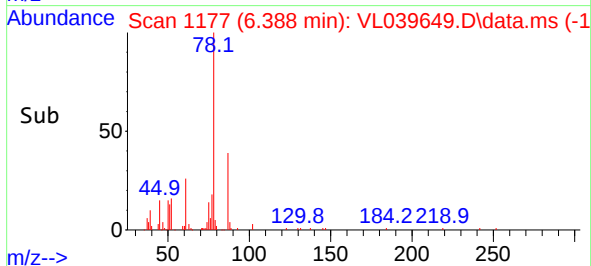
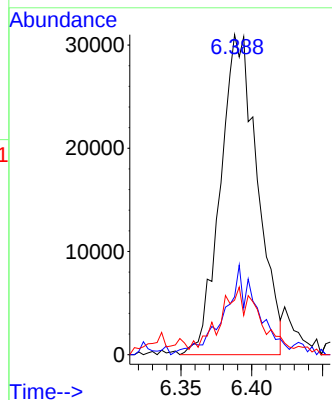
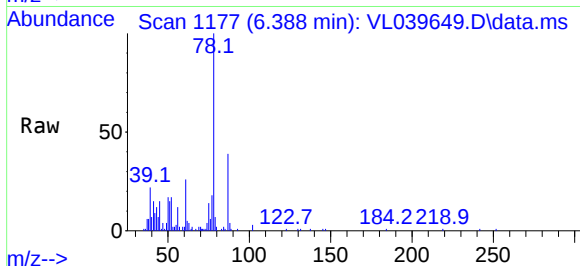




#36
Benzene
Concen: 0.278 ppbv
RT: 6.388 min Scan# 1179
Delta R.T. 0.010 min
Lab File: VL039649.D
Acq: 22 Sep 2022 00:18

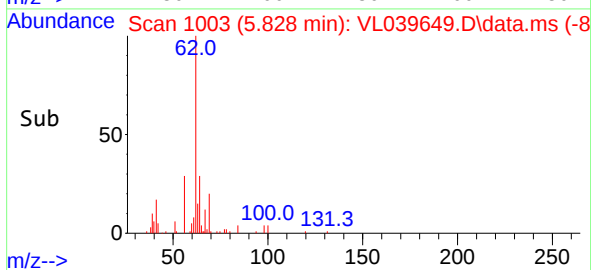
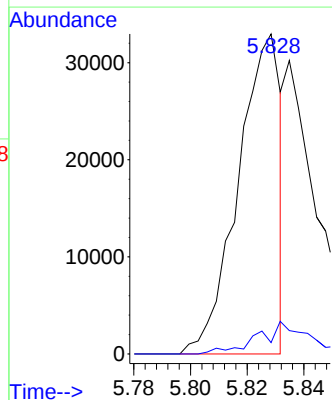
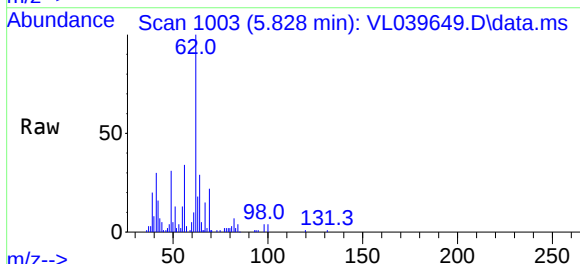
Instrument :
MSVOA_L
ClientSampleId :
C0PF7

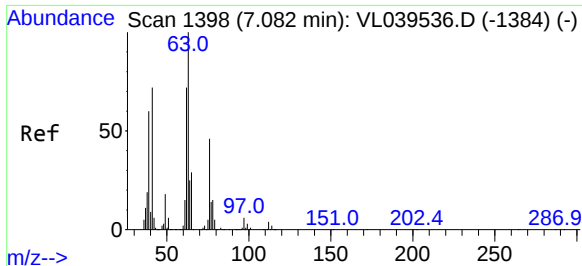
Tgt Ion: 78 Resp: 56445
Ion Ratio Lower Upper
78 100
77 16.6 20.3 30.5#
50 12.0 15.5 23.3#



#37
1,2-Dichloroethane
Concen: 0.310 ppbv
RT: 5.828 min Scan# 1003
Delta R.T. 0.014 min
Lab File: VL039649.D
Acq: 22 Sep 2022 00:18

Tgt Ion: 62 Resp: 34305
Ion Ratio Lower Upper
62 100
98 0.0 5.1 7.7#





#39

1,2-Dichloropropane

Concen: 8.288 ppbv

RT: 6.674 min Scan# 1

Delta R.T. -0.408 min

Lab File: VL039649.D

Acq: 22 Sep 2022 00:18

Instrument :

MSVOA_L

ClientSampleId :

COPF7

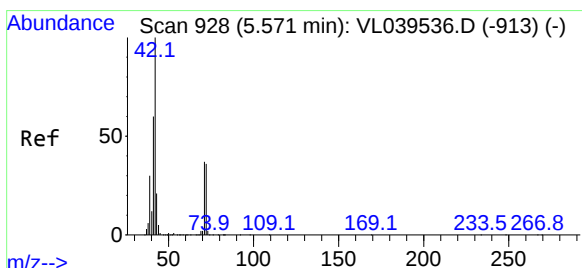
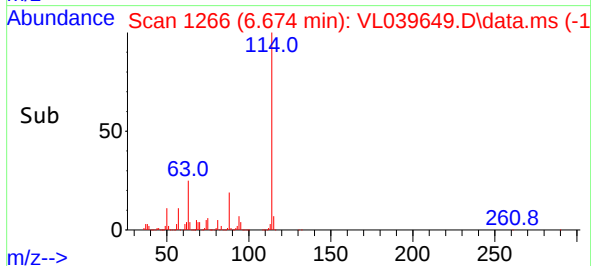
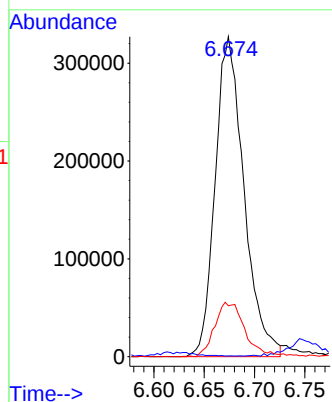
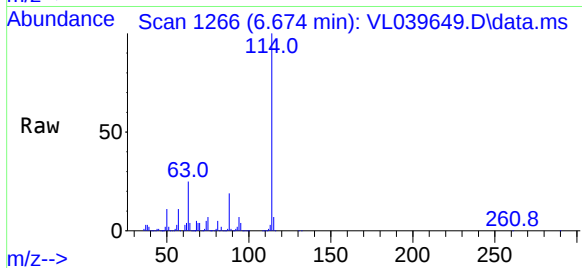
Tgt Ion: 63 Resp: 650877

Ion Ratio Lower Upper

63 100

41 0.0 59.6 89.4#

62 15.9 51.4 77.0#



#41

Tetrahydrofuran

Concen: 0.142 ppbv

RT: 5.581 min Scan# 926

Delta R.T. 0.010 min

Lab File: VL039649.D

Acq: 22 Sep 2022 00:18

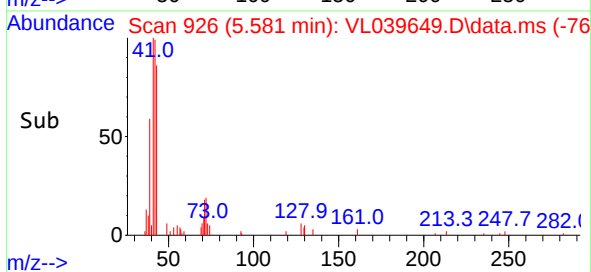
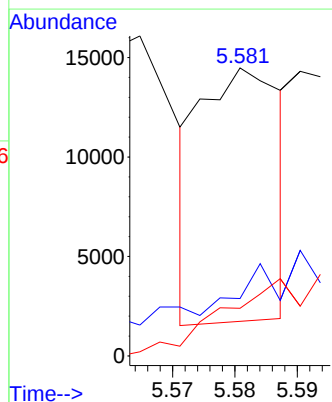
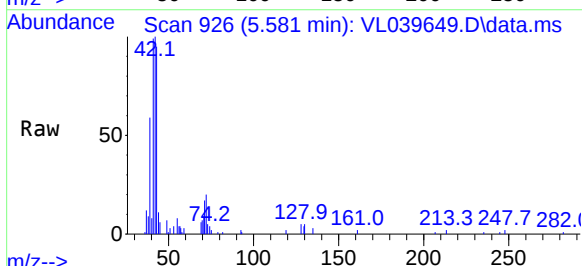
Tgt Ion: 42 Resp: 11373

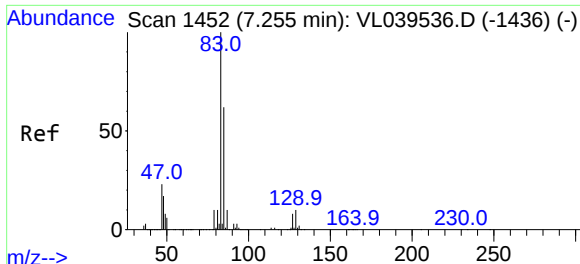
Ion Ratio Lower Upper

42 100

72 0.0 31.8 47.8#

71 0.0 31.8 47.8#





#42

Bromodichloromethane

Concen: 0.107 ppbv

RT: 7.272 min Scan# 1452

Delta R.T. 0.017 min

Lab File: VL039649.D

Acq: 22 Sep 2022 00:18

Instrument :

MSVOA_L

ClientSampleId :

C0PF7

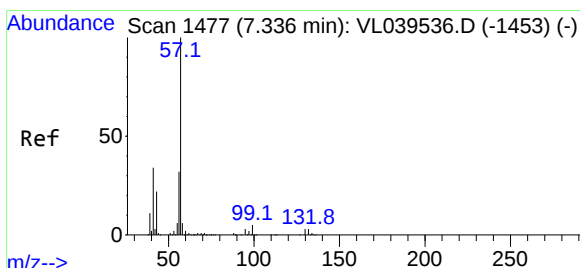
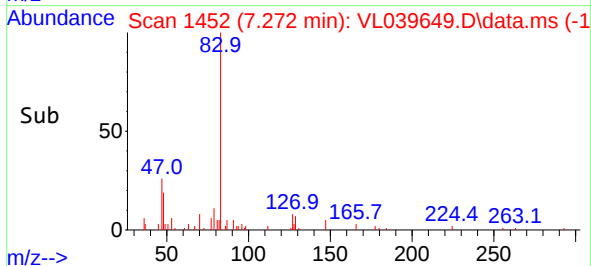
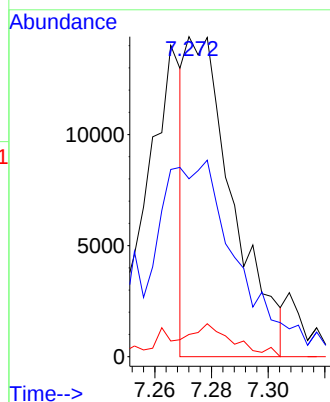
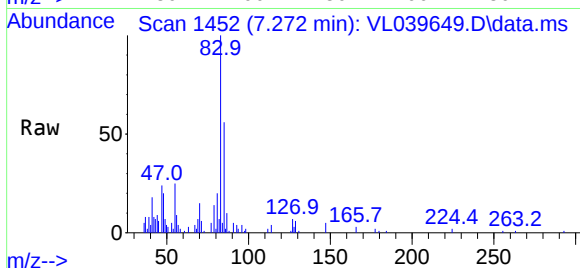
Tgt Ion: 83 Resp: 16477

Ion Ratio Lower Upper

83 100

85 53.1 50.7 76.1

127 8.2 6.6 9.8



#44

2,2,4-Trimethylpentane

Concen: 0.375 ppbv

RT: 7.349 min Scan# 1476

Delta R.T. 0.013 min

Lab File: VL039649.D

Acq: 22 Sep 2022 00:18

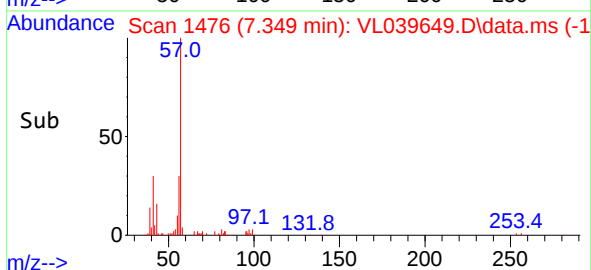
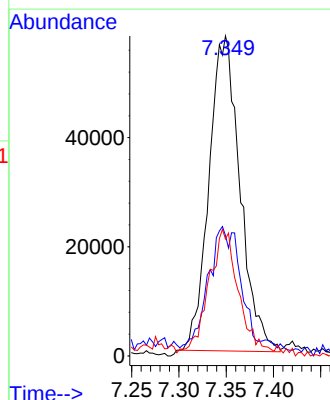
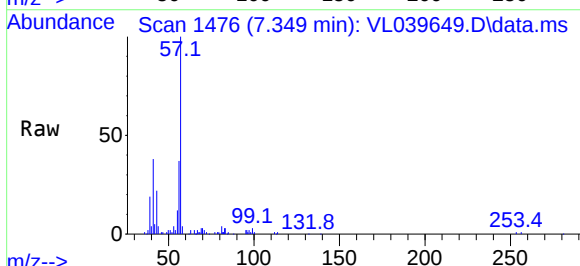
Tgt Ion: 57 Resp: 131603

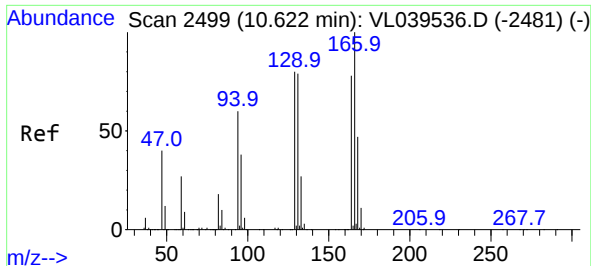
Ion Ratio Lower Upper

57 100

41 46.2 27.4 41.2#

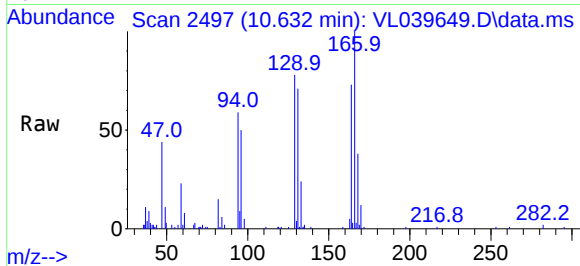
56 40.0 24.5 36.7#





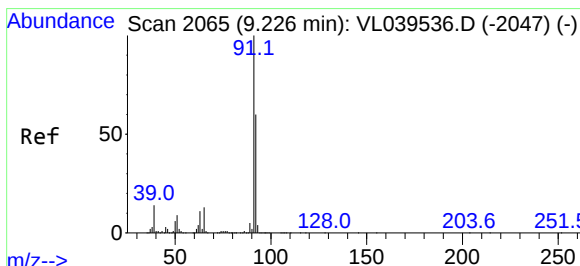
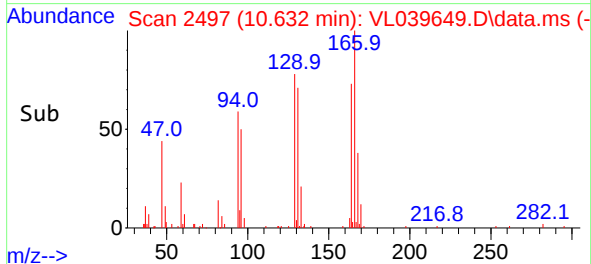
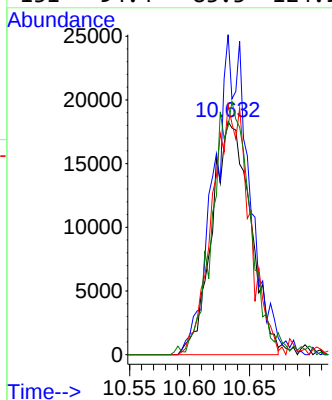
#52
Tetrachloroethene
Concen: 0.525 ppbv
RT: 10.632 min Scan# 2499
Delta R.T. 0.010 min
Lab File: VL039649.D
Acq: 22 Sep 2022 00:18

Instrument :
MSVOA_L
ClientSampleId :
C0PF7



Tgt Ion:164 Resp: 40723

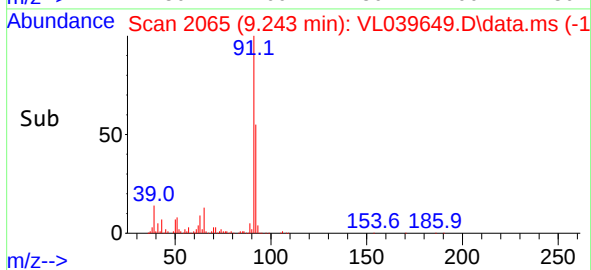
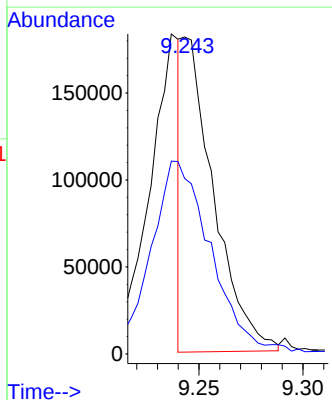
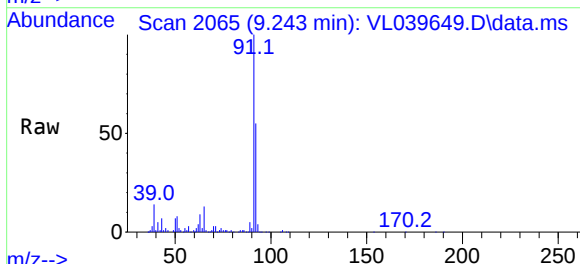
Ion	Ratio	Lower	Upper
164	100		
166	137.3	102.2	153.2
129	107.3	85.8	128.8
131	94.4	83.3	124.9

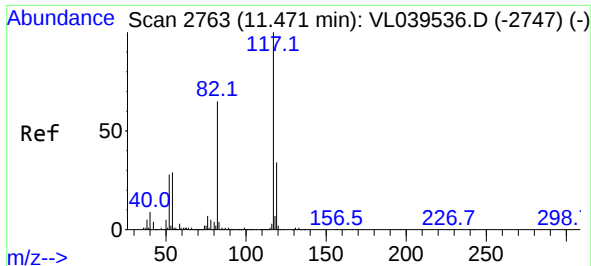


#53
Toluene
Concen: 0.848 ppbv
RT: 9.243 min Scan# 2065
Delta R.T. 0.017 min
Lab File: VL039649.D
Acq: 22 Sep 2022 00:18

Tgt Ion: 91 Resp: 191737

Ion	Ratio	Lower	Upper
91	100		
92	0.0	48.2	72.2#



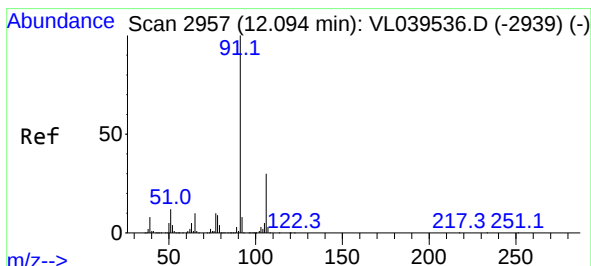
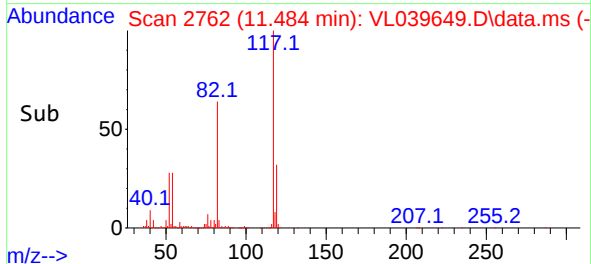
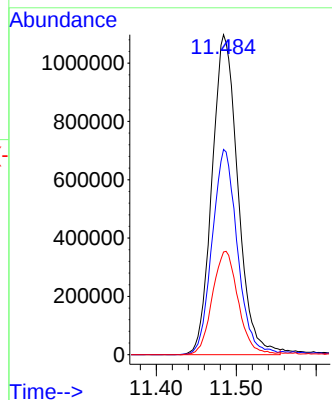
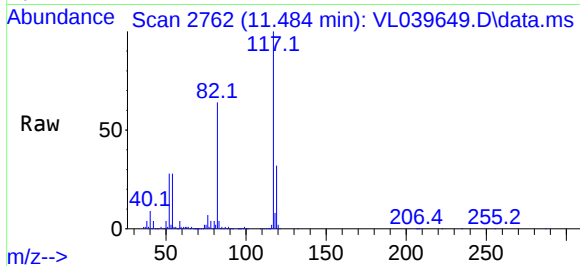


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.484 min Scan# 21
Delta R.T. 0.014 min
Lab File: VL039649.D
Acq: 22 Sep 2022 00:18

Instrument :
MSVOA_L
ClientSampleId :
C0PF7

Tgt Ion:117 Resp: 2461864

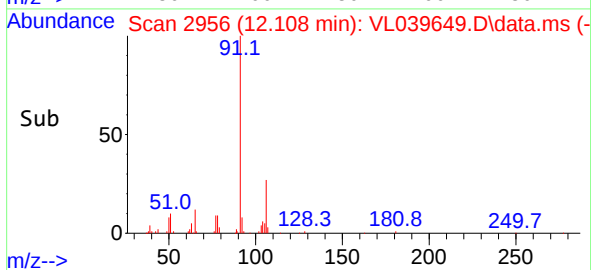
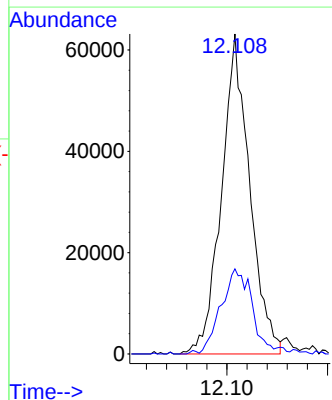
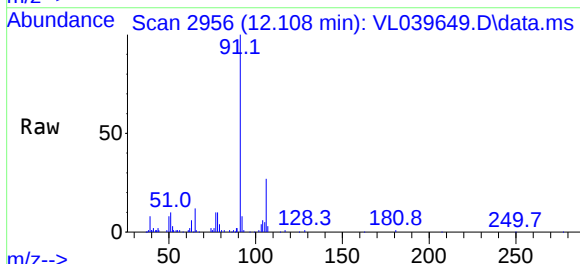
Ion	Ratio	Lower	Upper
117	100		
82	63.0	50.8	76.2
119	33.1	24.1	36.1

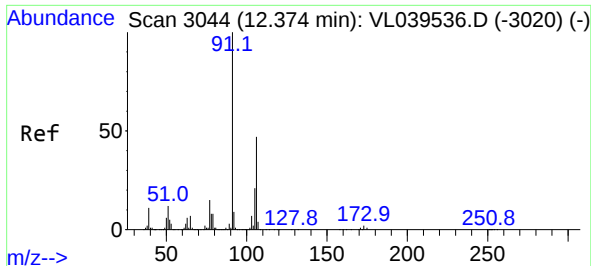


#58
Ethyl Benzene
Concen: 0.433 ppbv
RT: 12.108 min Scan# 2956
Delta R.T. 0.014 min
Lab File: VL039649.D
Acq: 22 Sep 2022 00:18

Tgt Ion: 91 Resp: 122840

Ion	Ratio	Lower	Upper
91	100		
106	26.6	25.4	38.0





#59

m/p-Xylene

Concen: 0.170 ppbv

RT: 12.391 min Scan# 3044

Delta R.T. 0.017 min

Lab File: VL039649.D

Acq: 22 Sep 2022 00:18

Instrument :

MSVOA_L

ClientSampleId :

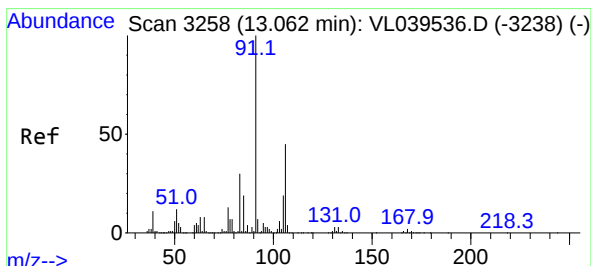
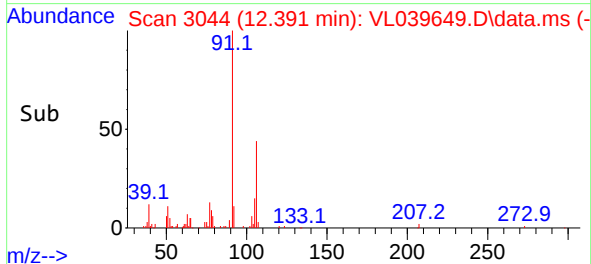
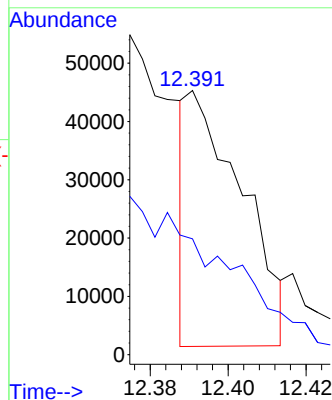
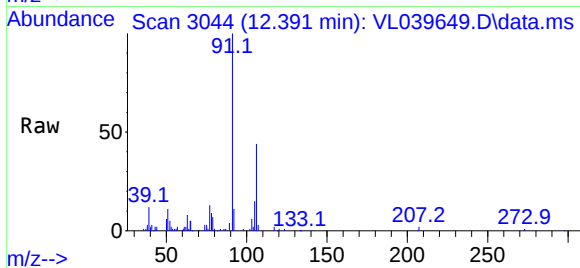
COPF7

Tgt Ion: 91 Resp: 42961

Ion Ratio Lower Upper

91 100

106 0.0 35.4 53.2#



#60

o-Xylene

Concen: 0.377 ppbv

RT: 13.072 min Scan# 3256

Delta R.T. 0.010 min

Lab File: VL039649.D

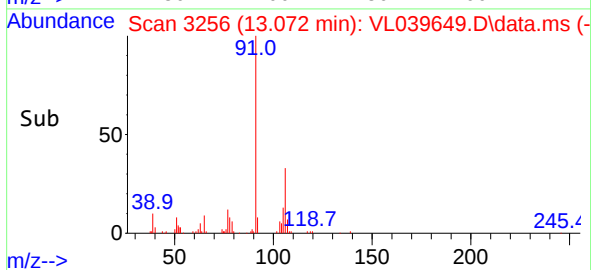
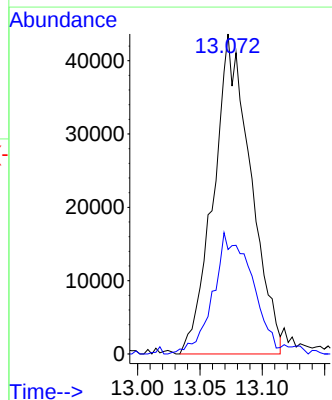
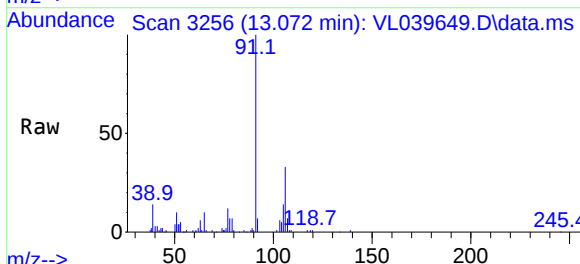
Acq: 22 Sep 2022 00:18

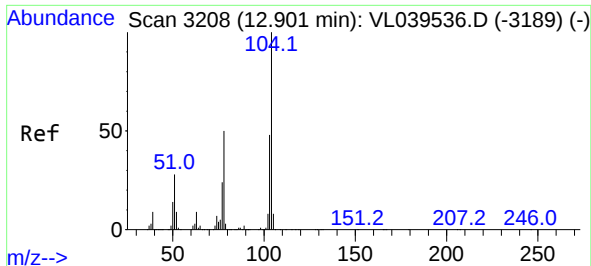
Tgt Ion: 91 Resp: 90970

Ion Ratio Lower Upper

91 100

106 41.2 22.4 67.3

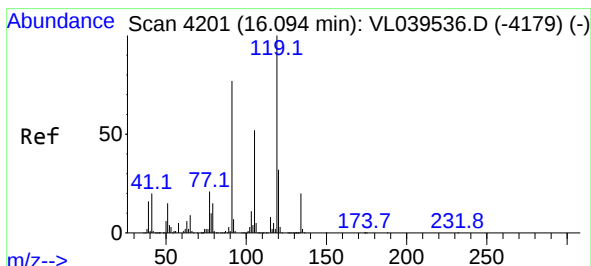
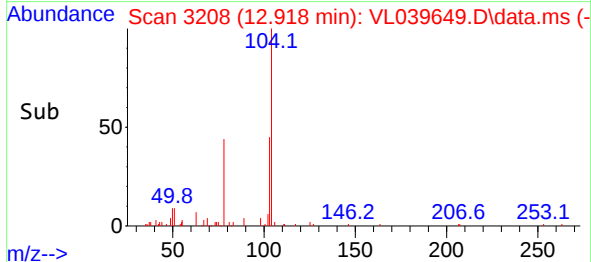
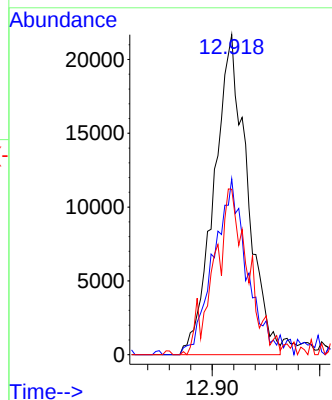
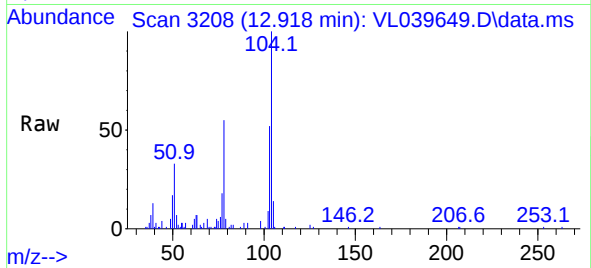




#61
Styrene
Concen: 0.356 ppbv
RT: 12.918 min Scan# 31
Delta R.T. 0.017 min
Lab File: VL039649.D
Acq: 22 Sep 2022 00:18

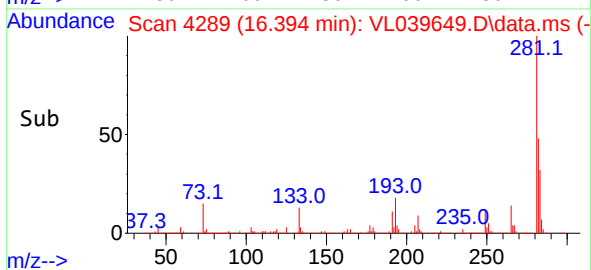
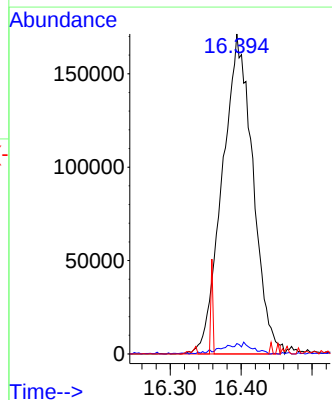
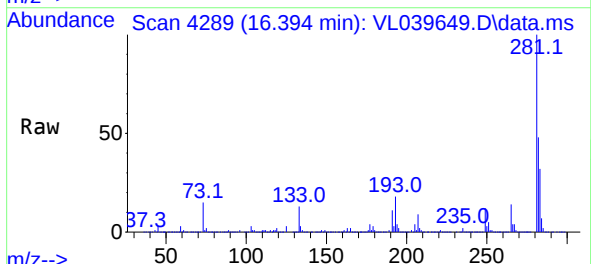
Instrument :
MSVOA_L
ClientSampleId :
COPF7

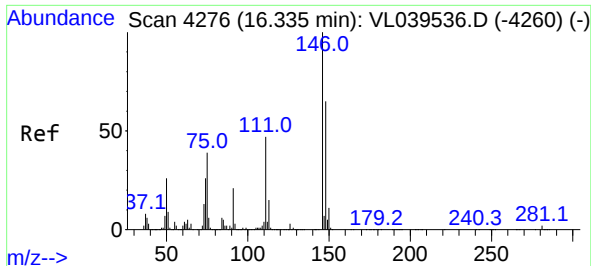
Tgt Ion:104 Resp: 46287
Ion Ratio Lower Upper
104 100
78 56.8 41.2 61.8
103 55.0 38.7 58.1



#65
tert-Butylbenzene
Concen: 1.599 ppbv
RT: 16.394 min Scan# 4289
Delta R.T. 0.300 min
Lab File: VL039649.D
Acq: 22 Sep 2022 00:18

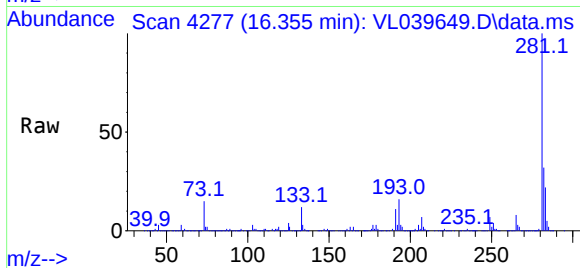
Tgt Ion:119 Resp: 512891
Ion Ratio Lower Upper
119 100
91 3.3 63.4 95.2#
134 0.8 15.9 23.9#



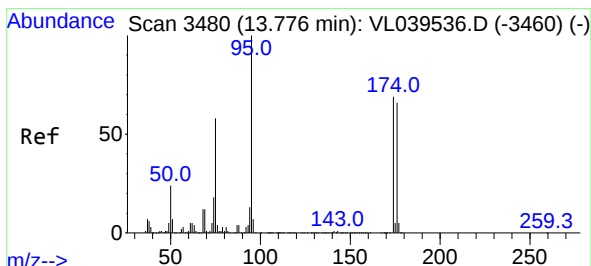
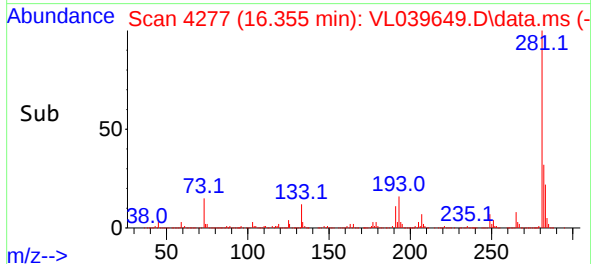
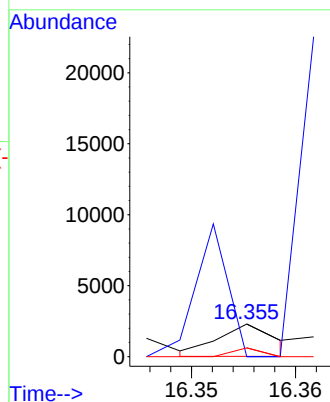


#66
Benzyl Chloride
Concen: 0.034 ppbv
RT: 16.355 min Scan# 41
Delta R.T. 0.020 min
Lab File: VL039649.D
Acq: 22 Sep 2022 00:18

Instrument :
MSVOA_L
ClientSampleId :
C0PF7

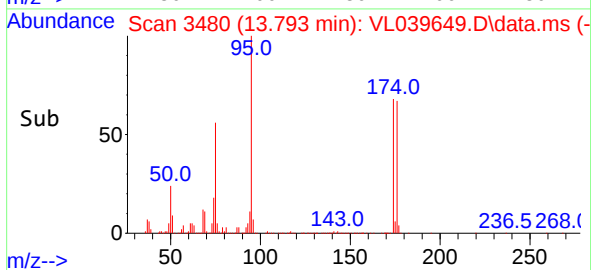
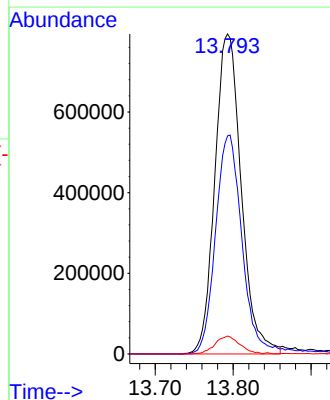
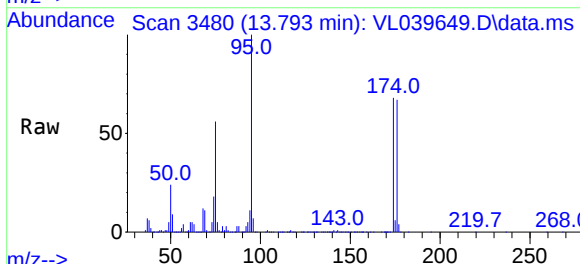


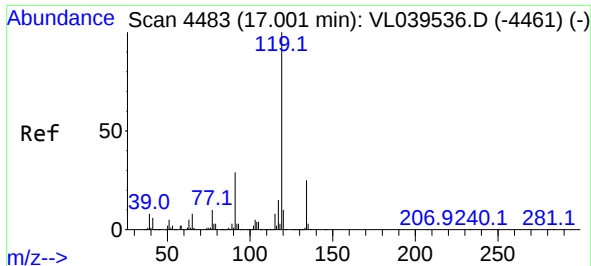
Tgt Ion: 91 Resp: 862
Ion Ratio Lower Upper
91 100
126 355.3 13.1 19.7#
128 0.0 4.4 6.6#



#68
1-Bromo-4-Fluorobenzene
Concen: 10.170 ppbv
RT: 13.793 min Scan# 3480
Delta R.T. 0.017 min
Lab File: VL039649.D
Acq: 22 Sep 2022 00:18

Tgt Ion: 95 Resp: 1868977
Ion Ratio Lower Upper
95 100
174 70.7 55.9 83.9
175 5.4 4.2 6.4

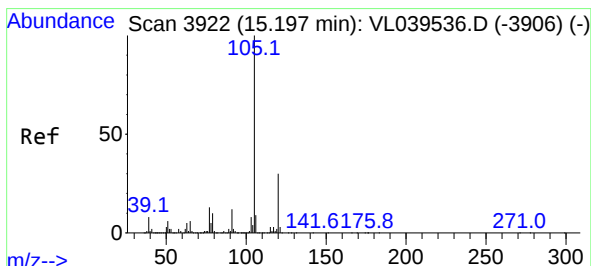
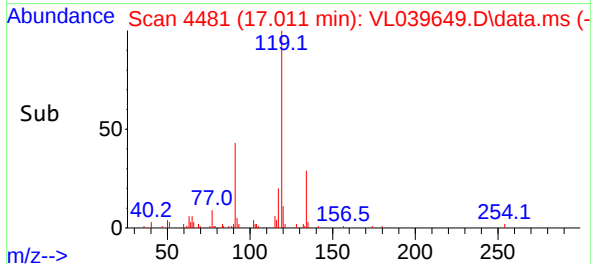
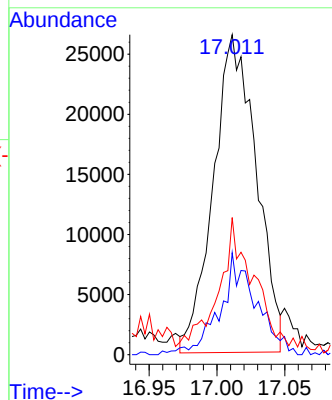
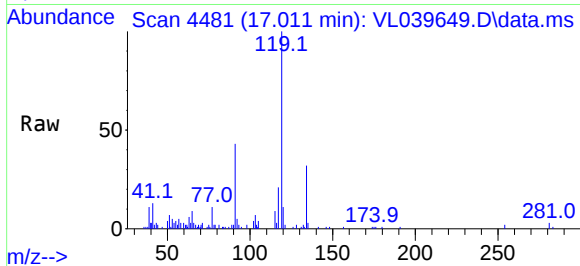




#69
p-Isopropyltoluene
Concen: 0.158 ppbv
RT: 17.011 min Scan# 4483
Delta R.T. 0.010 min
Lab File: VL039649.D
Acq: 22 Sep 2022 00:18

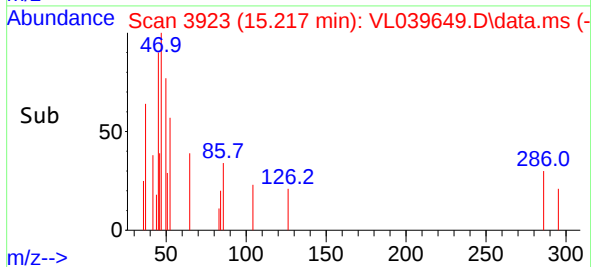
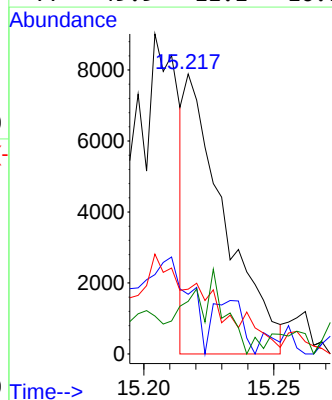
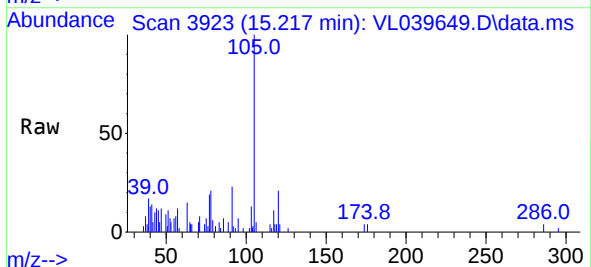
Instrument :
MSVOA_L
ClientSampleId :
COPF7

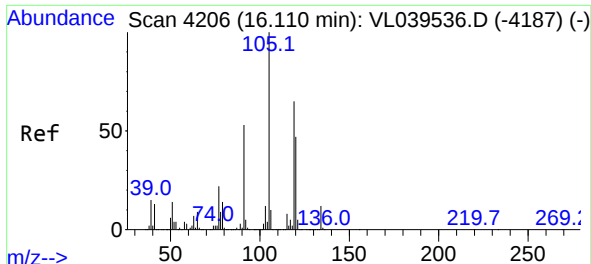
Tgt Ion:	119	Resp:	58260
Ion	Ratio	Lower	Upper
119	100		
134	27.3	20.3	30.5
91	37.4	22.9	34.3#



#72
4-Ethyltoluene
Concen: 0.030 ppbv
RT: 15.217 min Scan# 3923
Delta R.T. 0.020 min
Lab File: VL039649.D
Acq: 22 Sep 2022 00:18

Tgt Ion:	105	Resp:	8335
Ion	Ratio	Lower	Upper
105	100		
120	66.9	24.2	36.2#
91	0.0	10.2	15.4#
77	49.9	11.1	16.7#

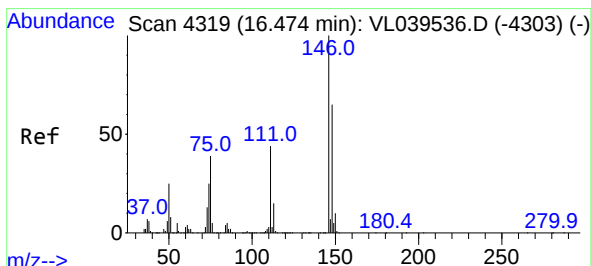
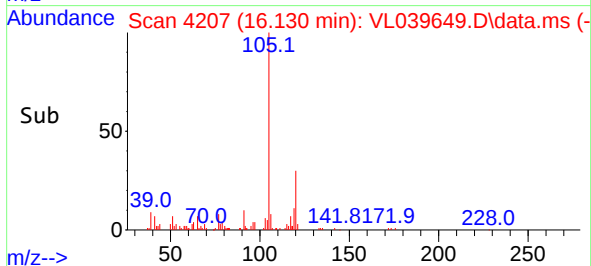
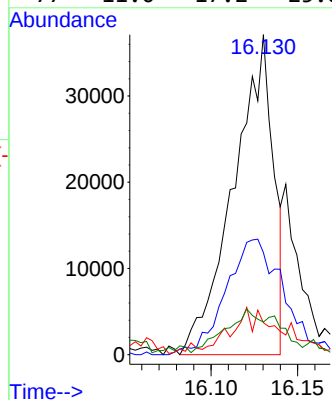
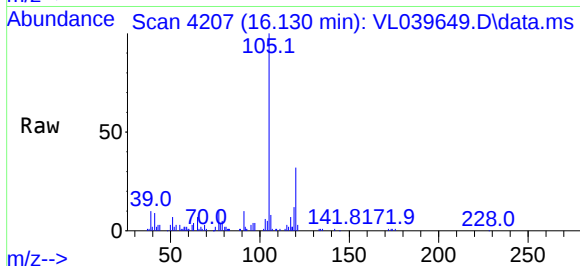




#74
1,2,4-Trimethylbenzene
Concen: 0.210 ppbv
RT: 16.130 min Scan# 4187
Delta R.T. 0.020 min
Lab File: VL039649.D
Acq: 22 Sep 2022 00:18

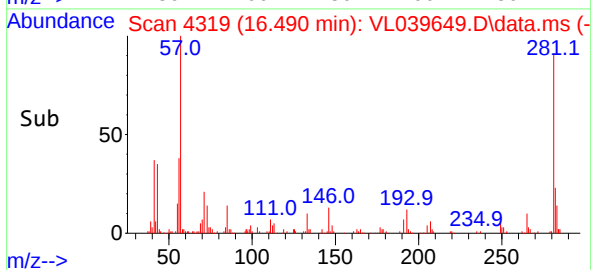
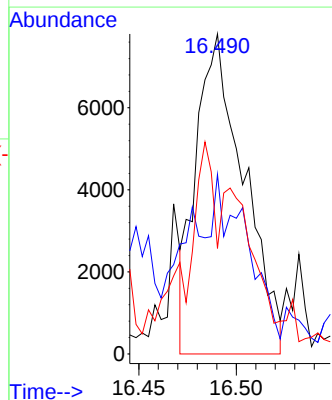
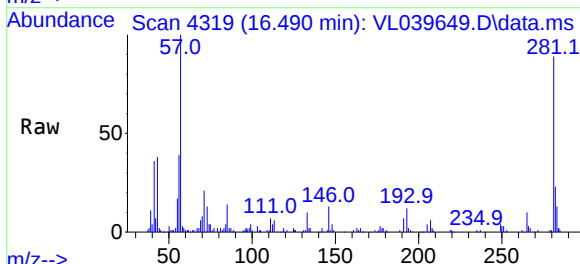
Instrument :
MSVOA_L
ClientSampleId :
COPF7

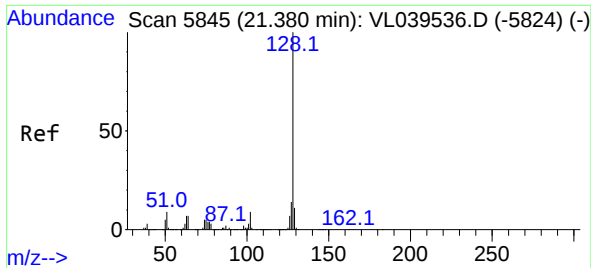
Tgt Ion:	105	Resp:	59414
Ion	Ratio	Lower	Upper
105	100		
120	30.1	39.5	59.3#
91	10.0	39.2	58.8#
77	11.0	17.2	25.8#



#76
1,4-Dichlorobenzene
Concen: 0.079 ppbv
RT: 16.490 min Scan# 4319
Delta R.T. 0.017 min
Lab File: VL039649.D
Acq: 22 Sep 2022 00:18

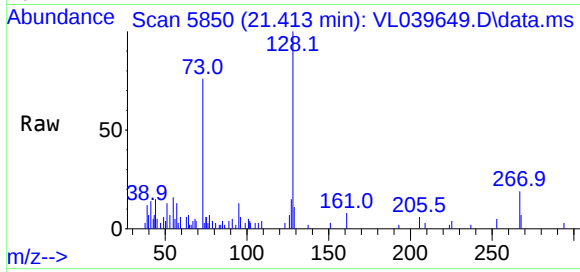
Tgt Ion:	146	Resp:	13326
Ion	Ratio	Lower	Upper
146	100		
111	66.2	22.9	68.8
148	71.9	33.6	100.8





#79
Naphthalene
Concen: 0.039 ppbv
RT: 21.413 min Scan# 5845
Delta R.T. 0.033 min
Lab File: VL039649.D
Acq: 22 Sep 2022 00:18

Instrument :
MSVOA_L
ClientSampleId :
C0PF7



Tgt Ion:	128	Resp:	7220
Ion	Ratio	Lower	Upper
128	100		
127	15.5	10.6	15.8
129	10.7	8.8	13.2

