

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102522\
 Data File : VL039798.D
 Acq On : 25 Oct 2022 21:57
 Operator : SY/AP
 Sample : N5227-08
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 H

Quant Time: Oct 28 08:11:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL102422AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Oct 24 20:00:55 2022
 Response via : Initial Calibration

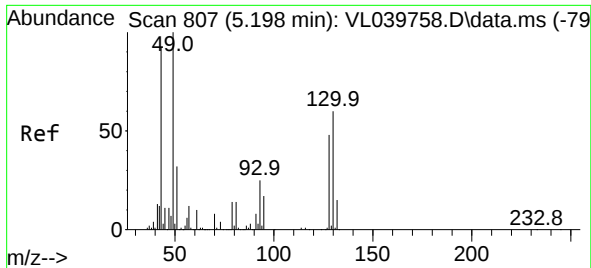
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	5.205	49	881567	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.661	114	2426231	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.468	117	2120758	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.777	95	1535083	10.175	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.800%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.745	85	22757	0.247	ppbv	98
3) Chlorodifluoromethane	2.690	51	300059	2.833	ppbv #	67
4) Chloromethane	2.832	50	29306	0.442	ppbv	90
9) Propene	2.710	41	4757045	104.551	ppbv	92
10) Heptane	7.584	43	303346	2.785	ppbv	95
11) Trichlorofluoromethane	3.581	101	29863	0.232	ppbv	86
12) 1,1,2-Trichlorotrifluo...	4.086	101	4155	0.042	ppbv #	14
13) Ethanol	3.263	45	74610	22.832	ppbv	95
15) Acetone	3.484	43	2302743	21.869	ppbv	94
16) 1,3-Butadiene	3.002	39	941096	18.083	ppbv	88
17) tert-Butyl alcohol	3.902	59	5004	0.058	ppbv #	73
19) Isopropyl Alcohol	3.600	45	44209	0.896	ppbv #	89
20) Methylene Chloride	3.951	84	44078	1.100	ppbv #	92
21) Allyl Chloride	4.002	41	103473	1.518	ppbv #	1
23) Vinyl Acetate	4.632	43	87395	2.153	ppbv #	17
25) Ethyl Acetate	5.224	43	413366	2.008	ppbv #	76
26) Hexane	5.224	57	562039	6.566	ppbv #	36
27) Carbon Disulfide	4.144	76	76258	0.750	ppbv #	92
28) Methyl tert-Butyl Ether	4.610	73	2812	0.038	ppbv #	51
30) Cyclohexane	6.610	84	21225	0.303	ppbv #	24
34) 2-Butanone	4.799	43	644190	5.644	ppbv	99
36) Benzene	6.378	78	1963590	10.509	ppbv	99
39) 1,2-Dichloropropane	6.661	63	584362	8.118	ppbv #	30
41) Tetrahydrofuran	5.507	42	41366	0.583	ppbv #	38
42) Bromodichloromethane	7.256	83	4544	0.032	ppbv #	28
43) Methyl Methacrylate	7.513	69	6292	0.097	ppbv #	1
44) 2,2,4-Trimethylpentane	7.333	57	11546	0.037	ppbv #	42
51) 2-Hexanone	9.555	43	10632	0.081	ppbv #	29
53) Toluene	9.221	91	1377376	7.036	ppbv	98
58) Ethyl Benzene	12.092	91	83972	0.348	ppbv	93
59) m/p-Xylene	12.343	91	167481	0.768	ppbv #	58
60) o-Xylene	13.060	91	97588	0.477	ppbv	94
61) Styrene	12.899	104	43764	0.408	ppbv #	84
72) 4-Ethyltoluene	15.201	105	7177	0.030	ppbv #	47
73) 1,3,5-Trimethylbenzene	15.359	105	8748	0.042	ppbv #	77
74) 1,2,4-Trimethylbenzene	16.104	105	67974	0.285	ppbv #	68
75) 1,3-Dichlorobenzene	16.336	146	6331	0.044	ppbv #	1
79) Naphthalene	21.378	128	4627	0.032	ppbv #	74
80) Naphthalene,2-methyl-	24.387	142	7037	0.142	ppbv #	36

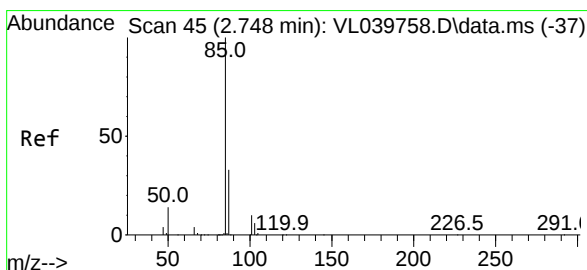
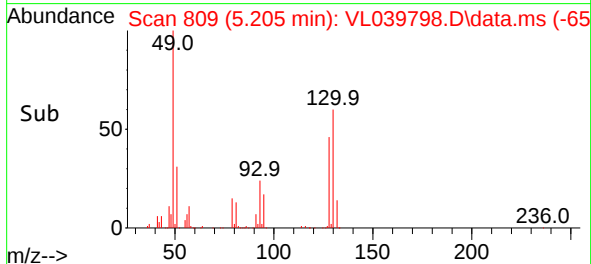
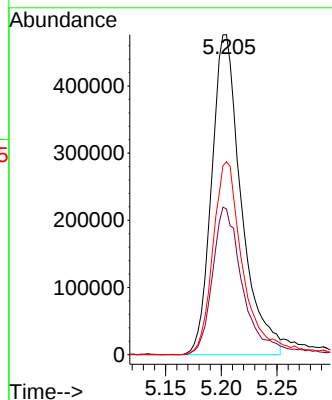
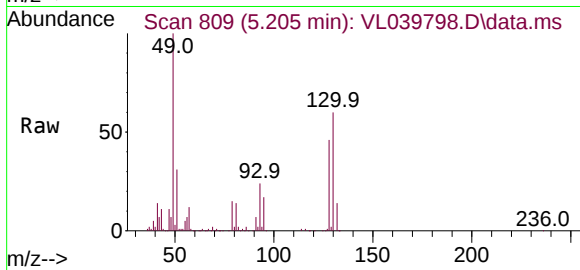
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.205 min Scan# 80
Delta R.T. 0.007 min
Lab File: VL039798.D
Acq: 25 Oct 2022 21:57

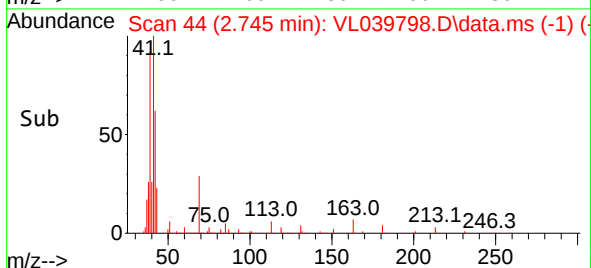
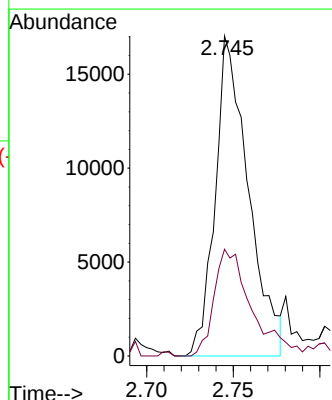
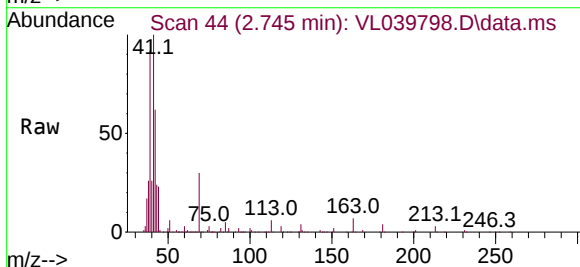
Instrument :
MSVOA_L
ClientSampleId :
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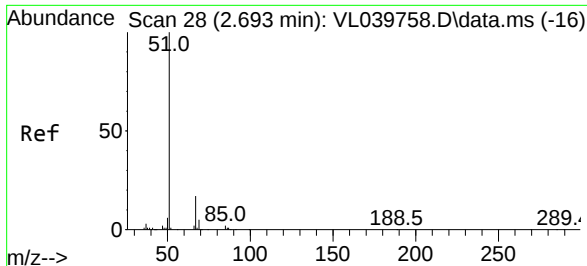
Tgt Ion: 49 Resp: 881567
Ion Ratio Lower Upper
49 100
128 48.4 24.6 74.0
130 63.2 31.8 95.3



#2
Dichlorodifluoromethane
Concen: 0.247 ppbv
RT: 2.745 min Scan# 44
Delta R.T. -0.003 min
Lab File: VL039798.D
Acq: 25 Oct 2022 21:57

Tgt Ion: 85 Resp: 22757
Ion Ratio Lower Upper
85 100
87 33.8 26.1 39.1

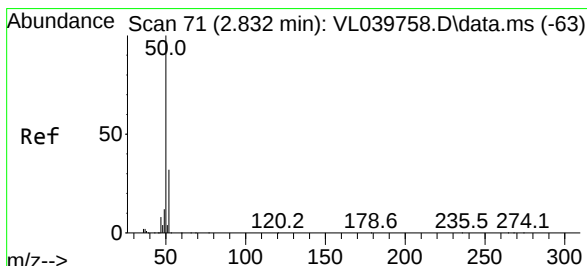
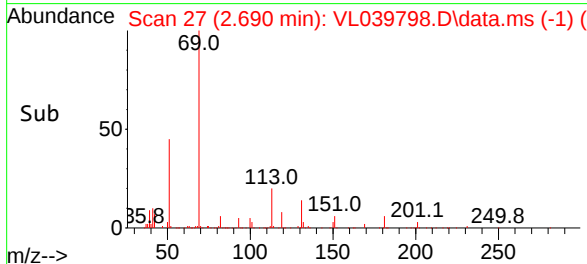
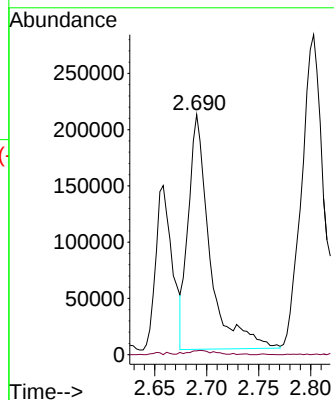
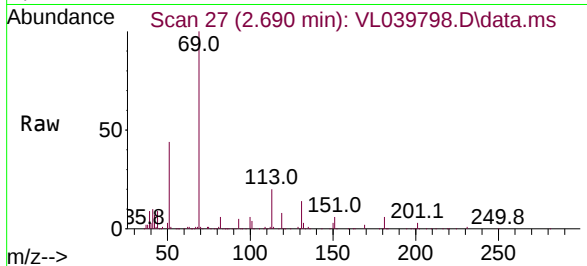




#3
Chlorodifluoromethane
Concen: 2.833 ppbv
RT: 2.690 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL039798.D
Acq: 25 Oct 2022 21:57

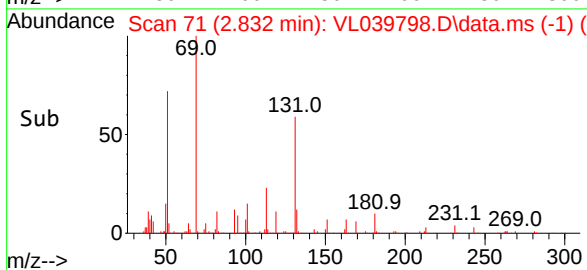
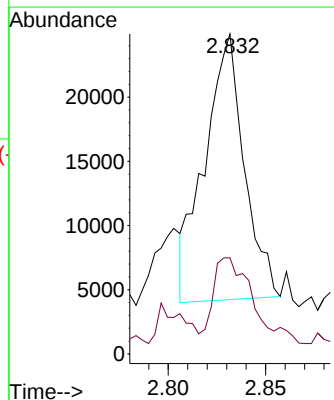
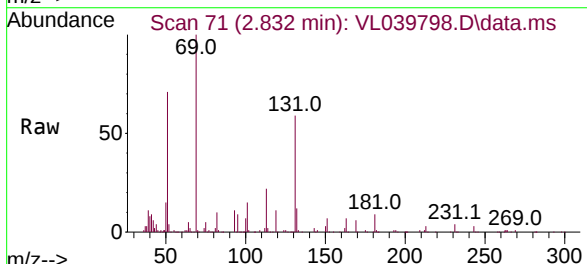
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MSVOA_L
ClientSampleId :
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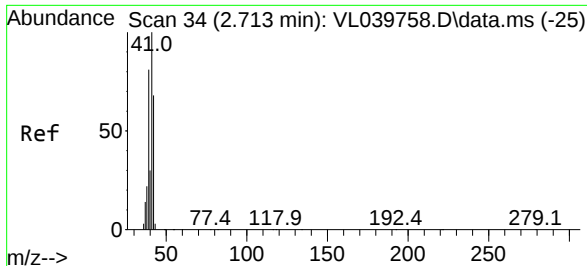
Tgt Ion: 51 Resp: 300059
Ion Ratio Lower Upper
51 100
67 3.0 14.2 21.2#



#4
Chloromethane
Concen: 0.442 ppbv
RT: 2.832 min Scan# 71
Delta R.T. -0.000 min
Lab File: VL039798.D
Acq: 25 Oct 2022 21:57

Tgt Ion: 50 Resp: 29306
Ion Ratio Lower Upper
50 100
52 26.5 25.9 38.9

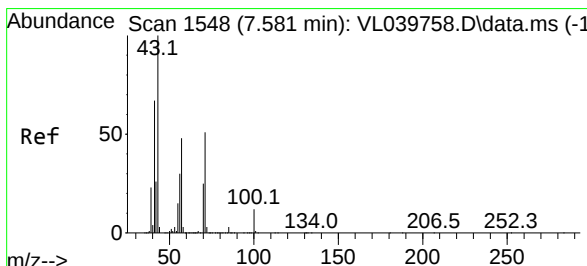
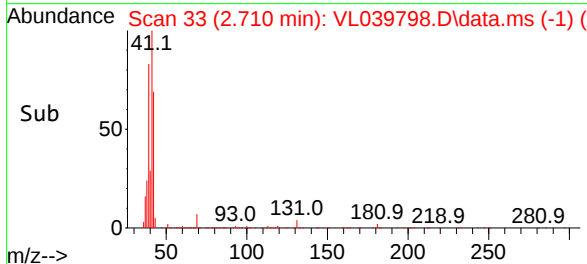
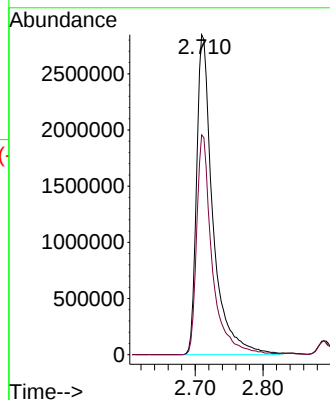
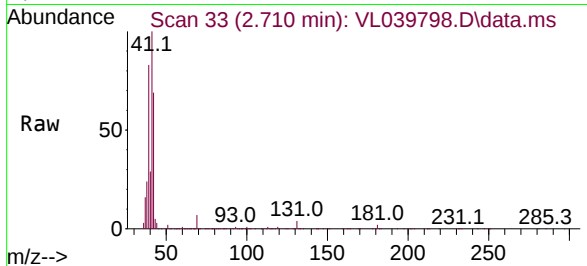




#9
 Propene
 Concen: 104.551 ppbv
 RT: 2.710 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VL039798.D
 Acq: 25 Oct 2022 21:57

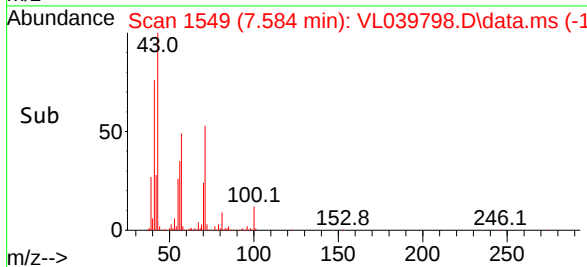
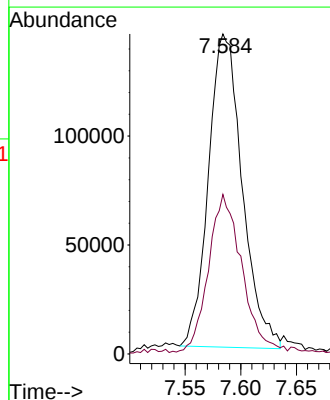
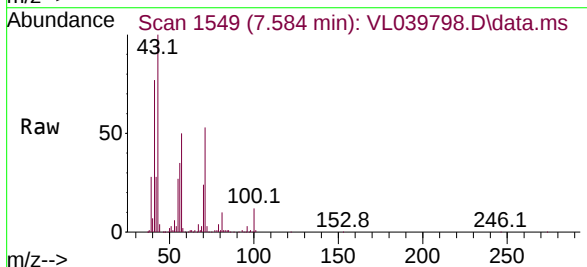
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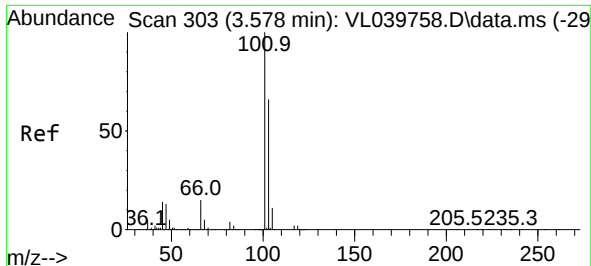
Tgt Ion: 41 Resp: 4757045
 Ion Ratio Lower Upper
 41 100
 42 66.0 58.0 87.0



#10
 Heptane
 Concen: 2.785 ppbv
 RT: 7.584 min Scan# 1549
 Delta R.T. 0.003 min
 Lab File: VL039798.D
 Acq: 25 Oct 2022 21:57

Tgt Ion: 43 Resp: 303346
 Ion Ratio Lower Upper
 43 100
 57 53.7 40.0 60.0

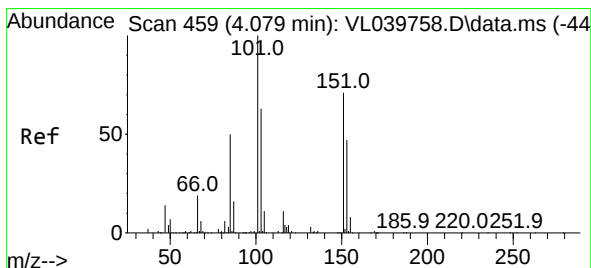
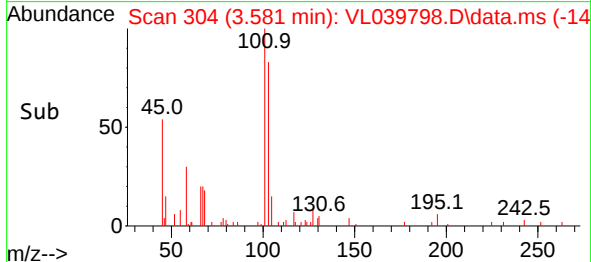
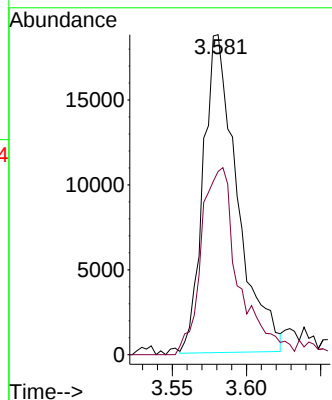
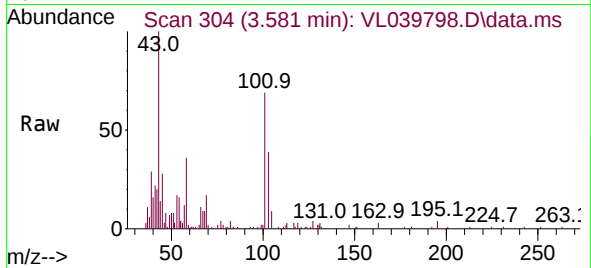




#11
 Trichlorofluoromethane
 Concen: 0.232 ppbv
 RT: 3.581 min Scan# 303
 Delta R.T. 0.003 min
 Lab File: VL039798.D
 Acq: 25 Oct 2022 21:57

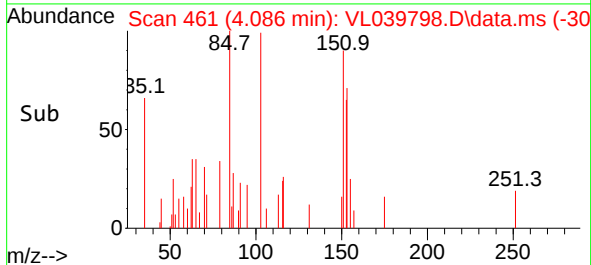
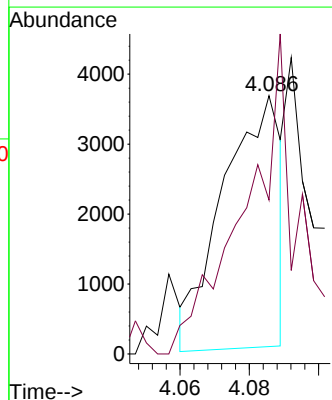
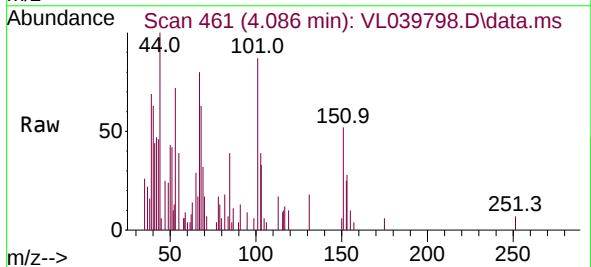
Instrument :
 MSVOA_L
 ClientSampleId :
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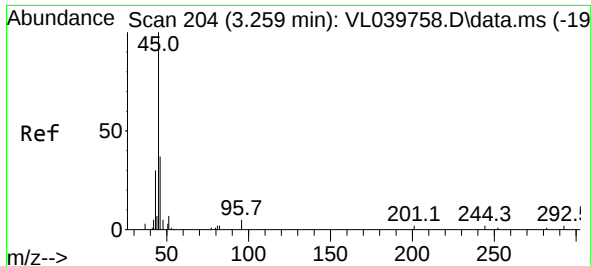
Tgt Ion:101 Resp: 29863
 Ion Ratio Lower Upper
 101 100
 103 55.2 52.7 79.1



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.042 ppbv
 RT: 4.086 min Scan# 461
 Delta R.T. 0.006 min
 Lab File: VL039798.D
 Acq: 25 Oct 2022 21:57

Tgt Ion:101 Resp: 4155
 Ion Ratio Lower Upper
 101 100
 151 0.0 56.6 84.8#

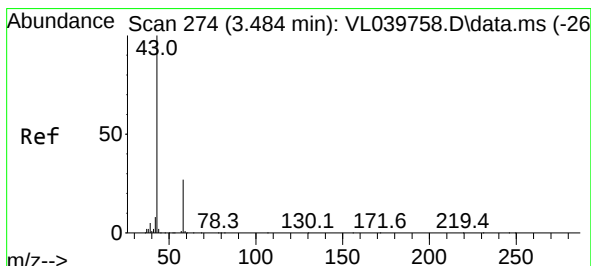
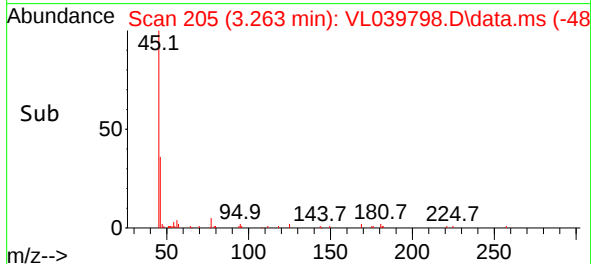
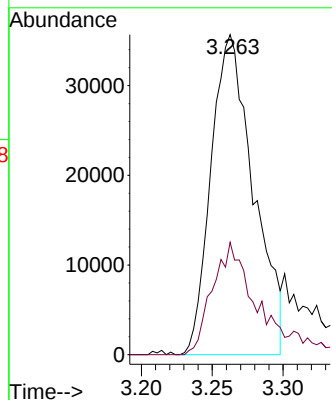
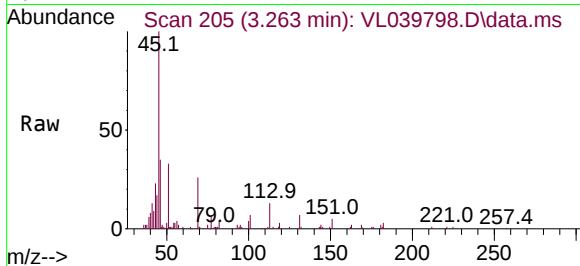




#13
Ethanol
Concen: 22.832 ppbv
RT: 3.263 min Scan# 204
Delta R.T. 0.003 min
Lab File: VL039798.D
Acq: 25 Oct 2022 21:57

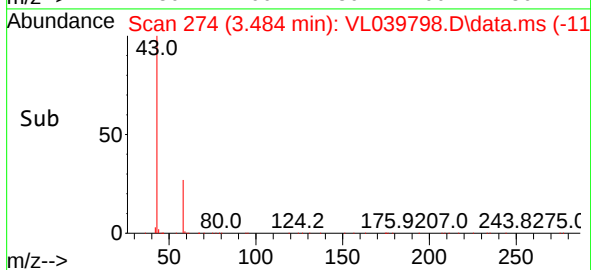
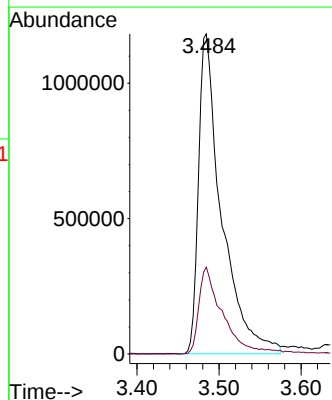
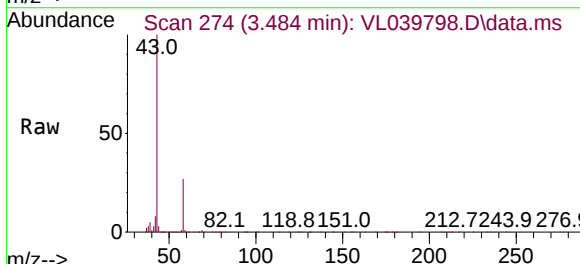
Instrument :
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ClientSampleId :
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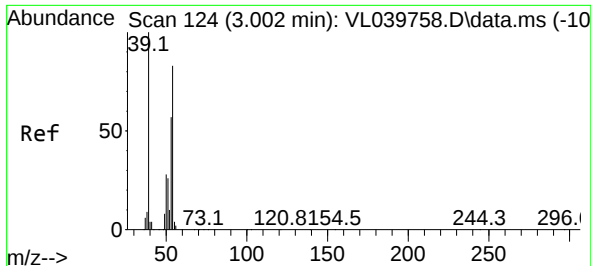
Tgt Ion: 45 Resp: 74610
Ion Ratio Lower Upper
45 100
46 41.1 15.3 61.3



#15
Acetone
Concen: 21.869 ppbv
RT: 3.484 min Scan# 274
Delta R.T. 0.000 min
Lab File: VL039798.D
Acq: 25 Oct 2022 21:57

Tgt Ion: 43 Resp: 2302743
Ion Ratio Lower Upper
43 100
58 28.9 20.7 31.1





#16

1,3-Butadiene

Concen: 18.083 ppbv

RT: 3.002 min Scan# 11

Delta R.T. -0.000 min

Lab File: VL039798.D

Acq: 25 Oct 2022 21:57

Instrument :

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ClientSampleId :

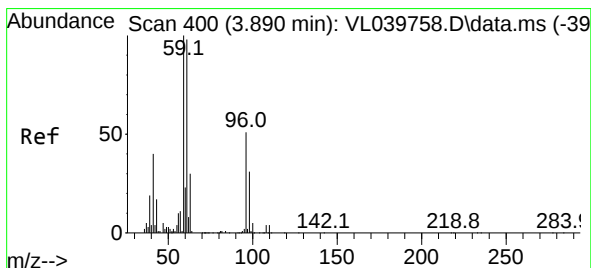
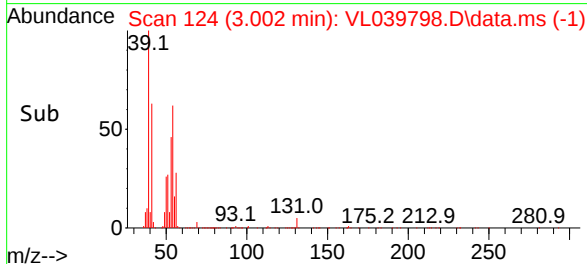
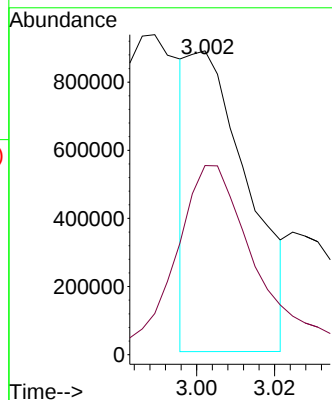
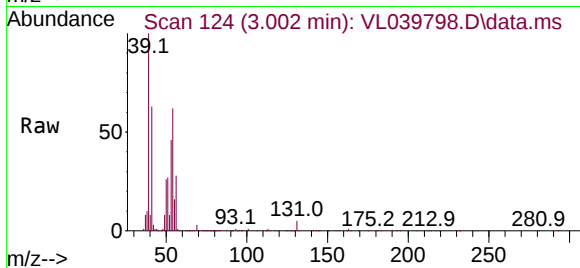
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Tgt Ion: 39 Resp: 941096

Ion Ratio Lower Upper

39 100

54 91.7 64.6 97.0



#17

tert-Butyl alcohol

Concen: 0.058 ppbv

RT: 3.902 min Scan# 404

Delta R.T. 0.013 min

Lab File: VL039798.D

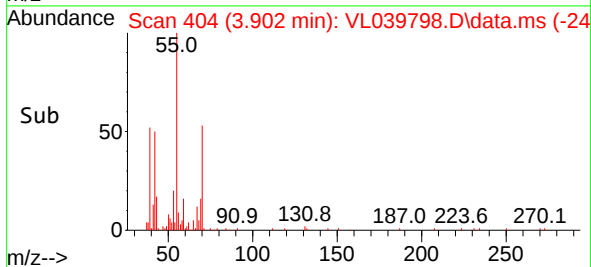
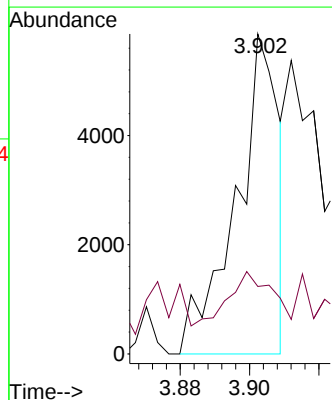
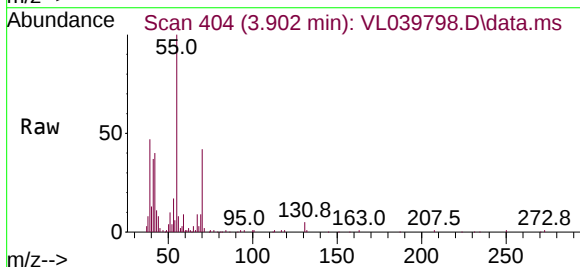
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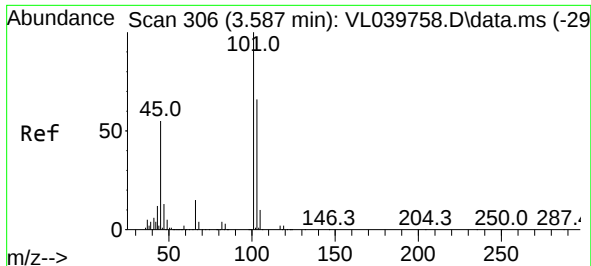
Tgt Ion: 59 Resp: 5004

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#

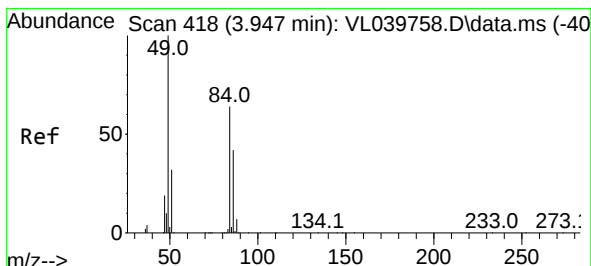
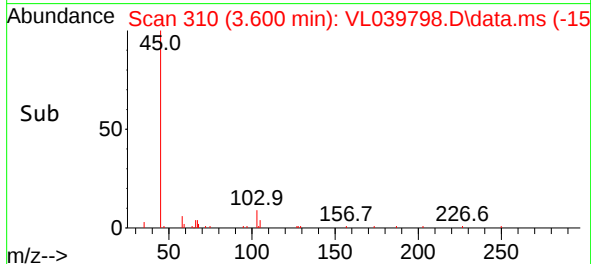
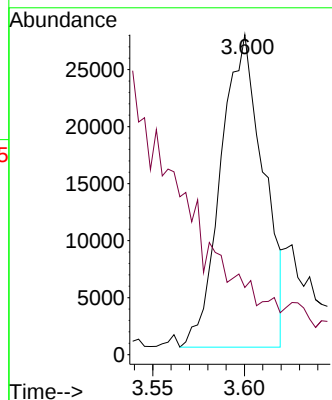
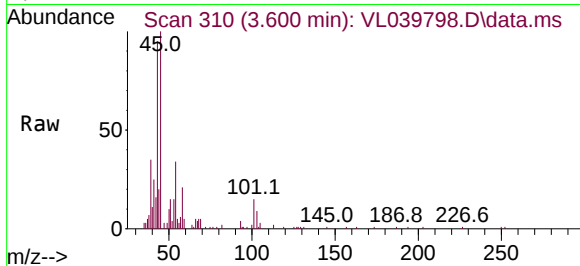




#19
Isopropyl Alcohol
Concen: 0.896 ppbv
RT: 3.600 min Scan# 310
Delta R.T. 0.013 min
Lab File: VL039798.D
Acq: 25 Oct 2022 21:57

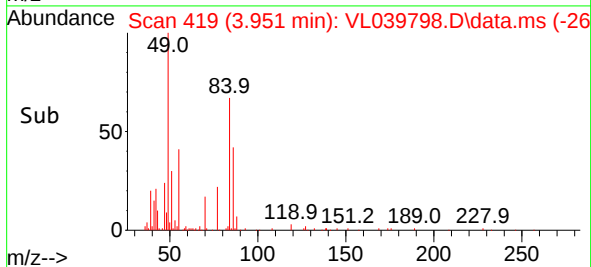
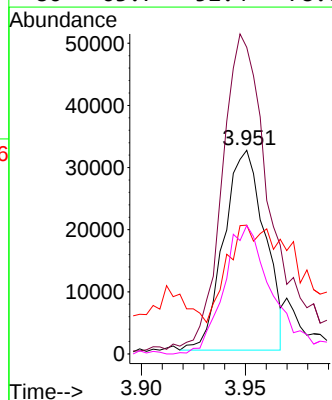
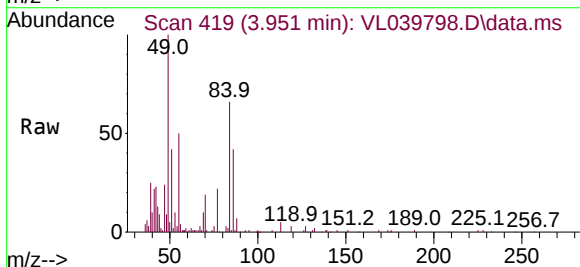
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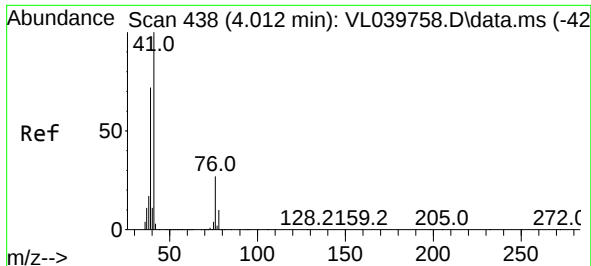
Tgt Ion: 45 Resp: 44209
Ion Ratio Lower Upper
45 100
58 0.0 2.8 4.2#



#20
Methylene Chloride
Concen: 1.100 ppbv
RT: 3.951 min Scan# 419
Delta R.T. 0.003 min
Lab File: VL039798.D
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Tgt Ion: 84 Resp: 44078
Ion Ratio Lower Upper
84 100
49 149.5 126.0 189.0
51 34.5 40.9 61.3#
86 63.7 52.4 78.6





#21

Allyl Chloride

Concen: 1.518 ppbv

RT: 4.002 min Scan# 41

Delta R.T. -0.010 min

Lab File: VL039798.D

Acq: 25 Oct 2022 21:57

Instrument :

MSVOA_L

ClientSampleId :

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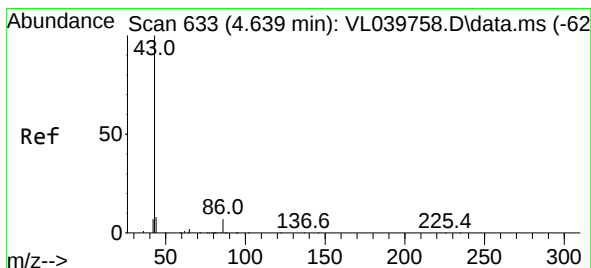
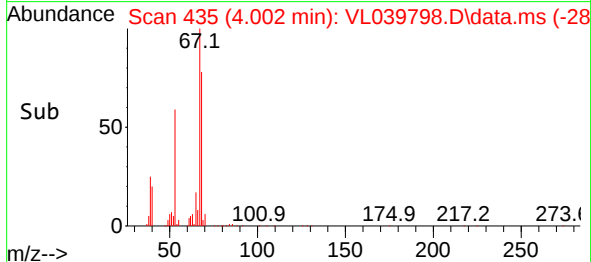
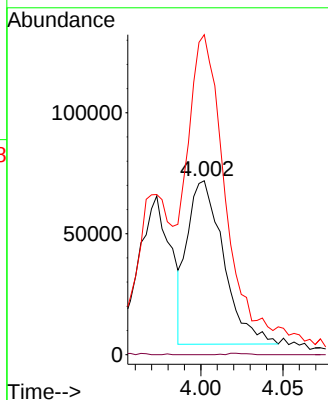
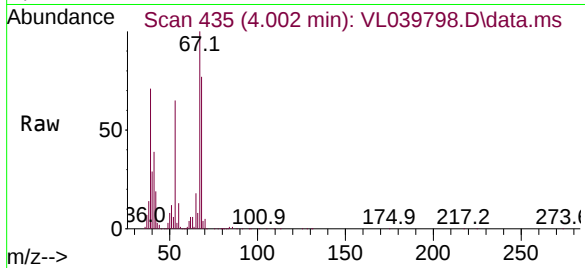
Tgt Ion: 41 Resp: 103473

Ion Ratio Lower Upper

41 100

76 0.0 23.5 35.3#

39 303.1 64.9 97.3#



#23

Vinyl Acetate

Concen: 2.153 ppbv

RT: 4.632 min Scan# 631

Delta R.T. -0.006 min

Lab File: VL039798.D

Acq: 25 Oct 2022 21:57

Tgt Ion: 43 Resp: 87395

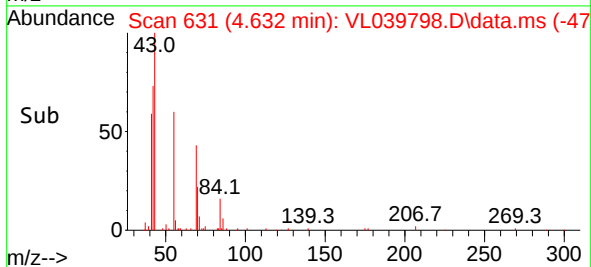
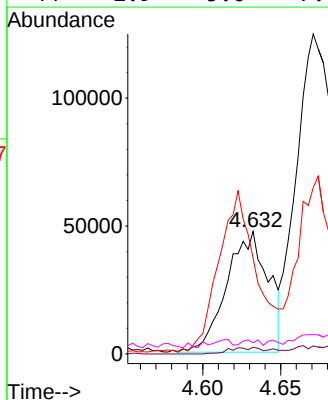
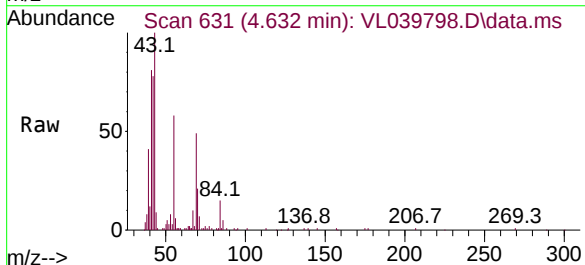
Ion Ratio Lower Upper

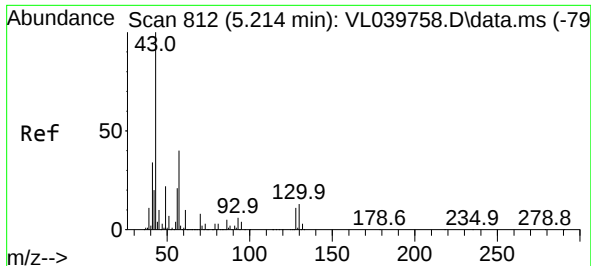
43 100

86 5.6 4.9 7.3

42 77.3 7.2 10.8#

44 2.9 5.0 7.6#

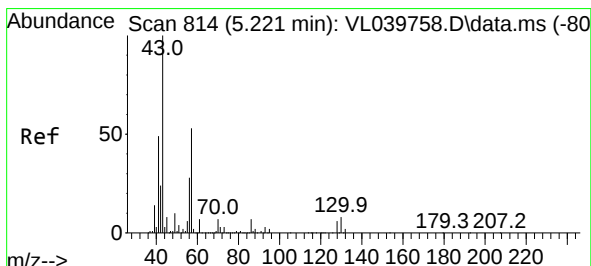
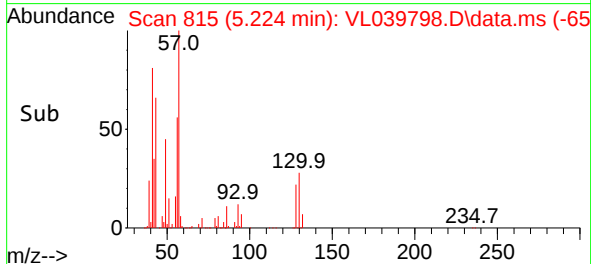
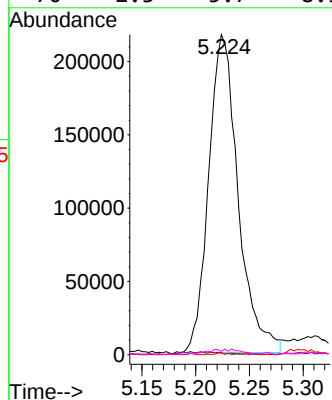
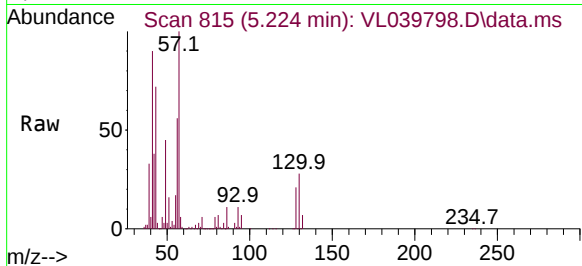




#25
Ethyl Acetate
Concen: 2.008 ppbv
RT: 5.224 min Scan# 812
Delta R.T. 0.010 min
Lab File: VL039798.D
Acq: 25 Oct 2022 21:57

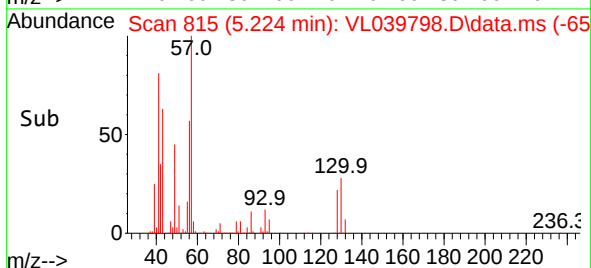
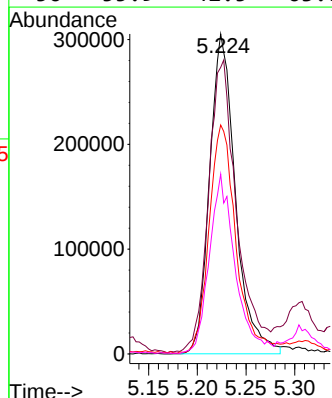
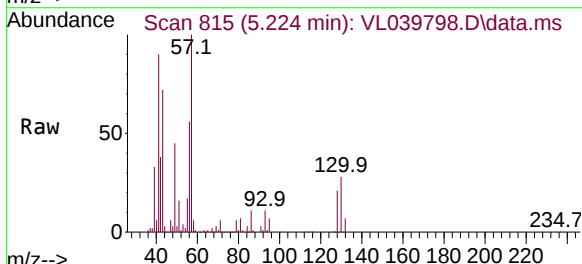
Instrument :
MSVOA_L
ClientSampleId :
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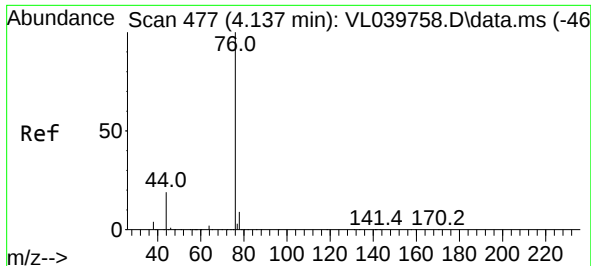
Tgt Ion: 43 Resp: 413366
Ion Ratio Lower Upper
43 100
45 0.0 8.2 12.2#
61 0.4 8.2 12.4#
70 2.3 5.7 8.5#



#26
Hexane
Concen: 6.566 ppbv
RT: 5.224 min Scan# 815
Delta R.T. 0.003 min
Lab File: VL039798.D
Acq: 25 Oct 2022 21:57

Tgt Ion: 57 Resp: 562039
Ion Ratio Lower Upper
57 100
41 100.5 76.1 114.1
43 75.1 197.1 295.7#
56 55.9 42.5 63.7





#27

Carbon Disulfide

Concen: 0.750 ppbv

RT: 4.144 min Scan# 41

Delta R.T. 0.006 min

Lab File: VL039798.D

Acq: 25 Oct 2022 21:57

Instrument :

MSVOA_L

ClientSampleId :

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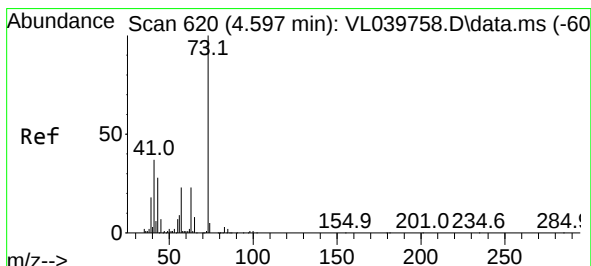
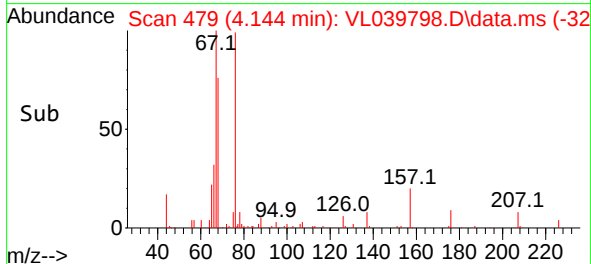
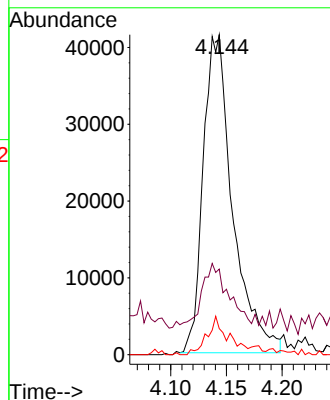
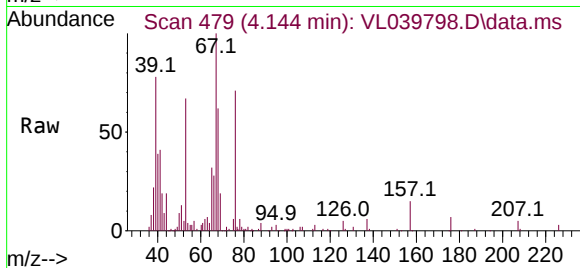
Tgt Ion: 76 Resp: 76258

Ion Ratio Lower Upper

76 100

44 25.5 16.6 25.0#

78 10.8 7.6 11.4



#28

Methyl tert-Butyl Ether

Concen: 0.038 ppbv

RT: 4.610 min Scan# 624

Delta R.T. 0.013 min

Lab File: VL039798.D

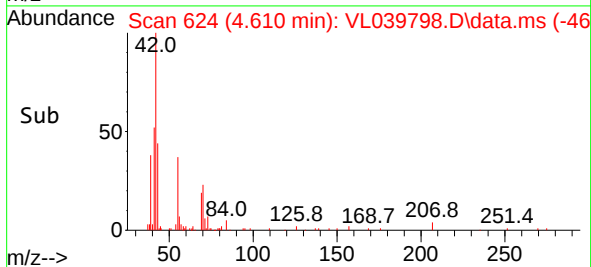
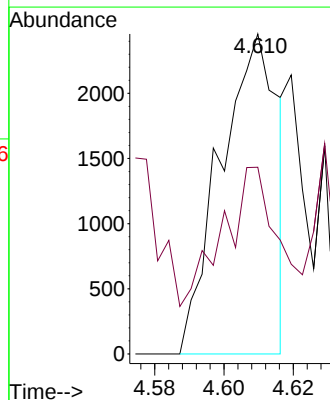
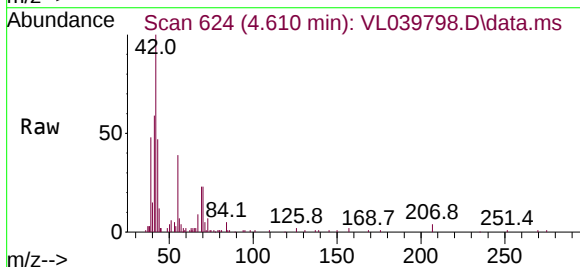
Acq: 25 Oct 2022 21:57

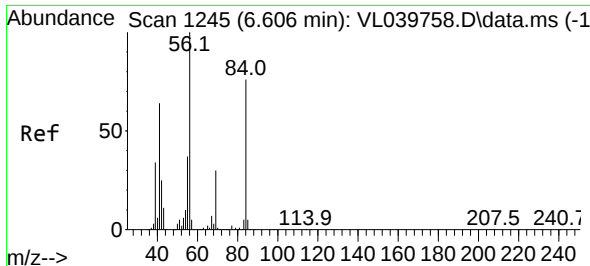
Tgt Ion: 73 Resp: 2812

Ion Ratio Lower Upper

73 100

57 0.0 19.1 28.7#





#30
Cyclohexane
Concen: 0.303 ppbv
RT: 6.610 min Scan# 1245
Delta R.T. 0.003 min
Lab File: VL039798.D
Acq: 25 Oct 2022 21:57

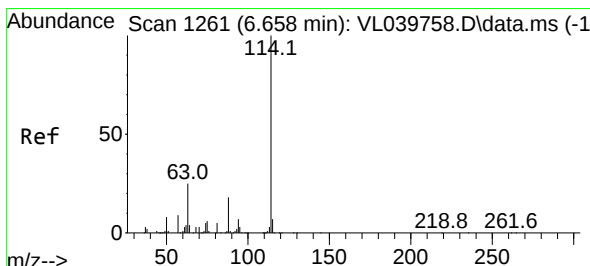
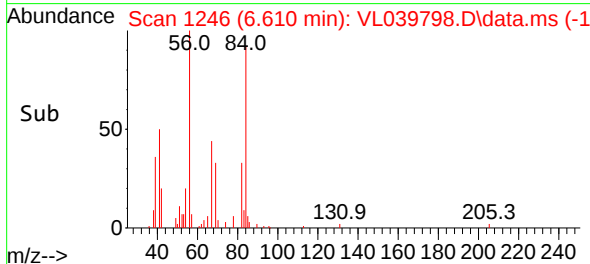
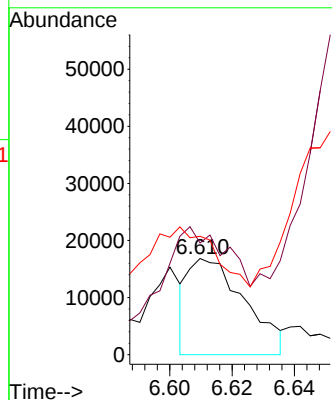
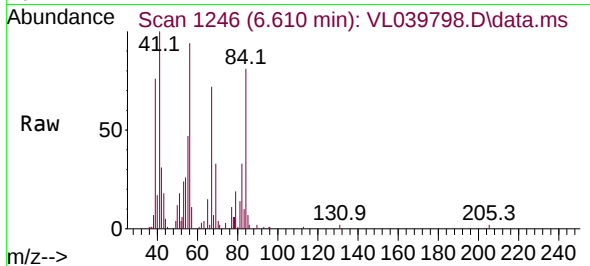
Instrument :

MSVOA_L

ClientSampleId :

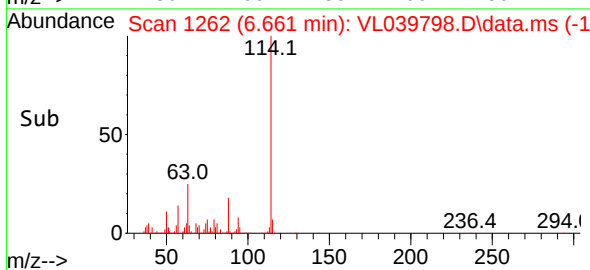
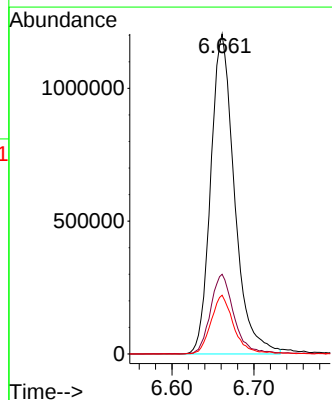
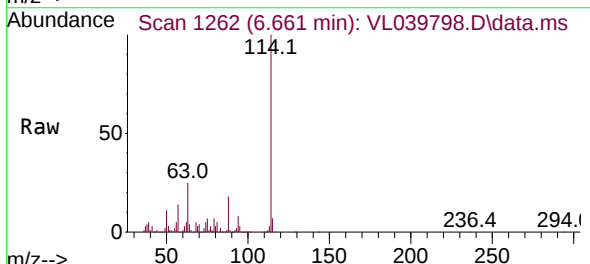
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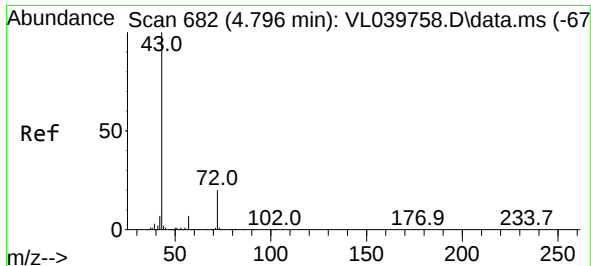
Tgt Ion: 84 Resp: 21225
Ion Ratio Lower Upper
84 100
56 187.6 111.8 167.6#
41 214.9 71.5 107.3#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.661 min Scan# 1262
Delta R.T. 0.003 min
Lab File: VL039798.D
Acq: 25 Oct 2022 21:57

Tgt Ion:114 Resp: 2426231
Ion Ratio Lower Upper
114 100
63 25.2 20.1 30.1
88 17.8 14.5 21.7

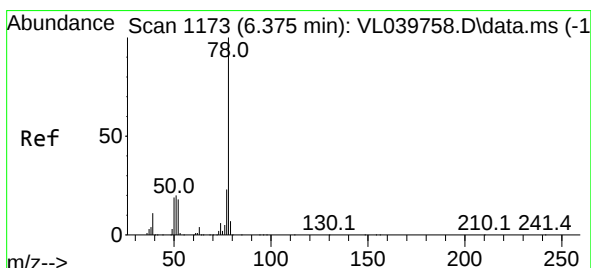
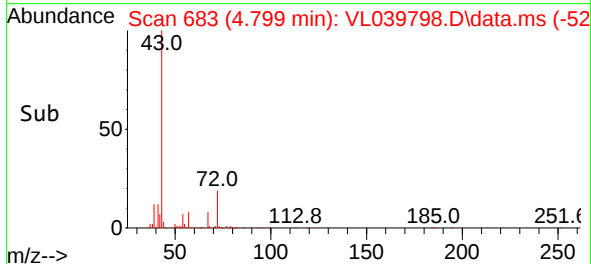
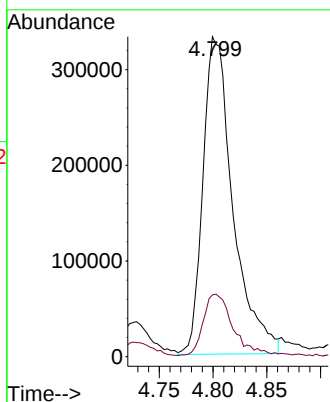
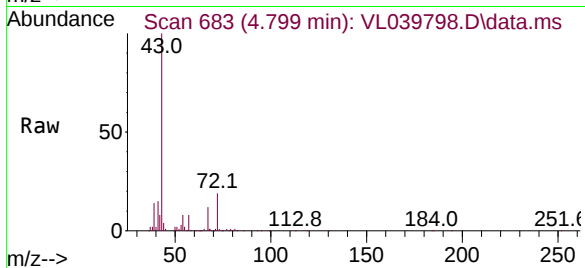




#34
2-Butanone
Concen: 5.644 ppbv
RT: 4.799 min Scan# 61
Delta R.T. 0.003 min
Lab File: VL039798.D
Acq: 25 Oct 2022 21:57

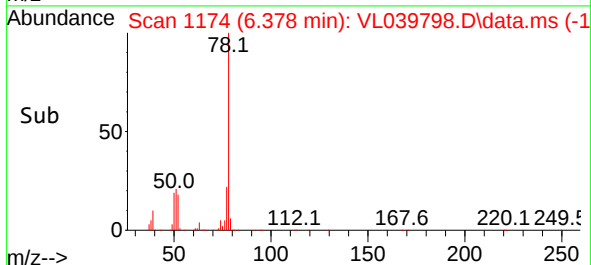
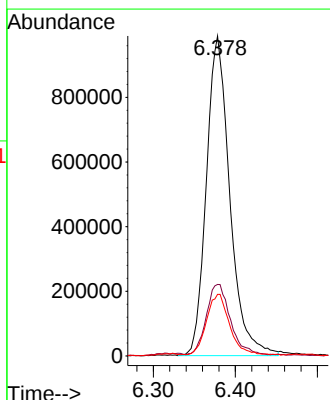
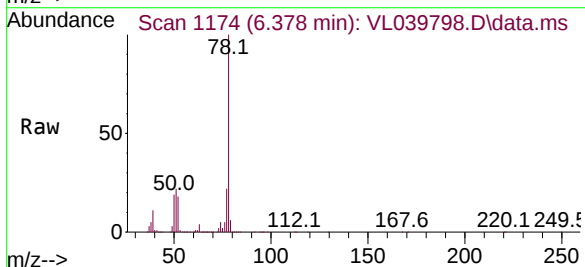
Instrument :
MSVOA_L
ClientSampleId :
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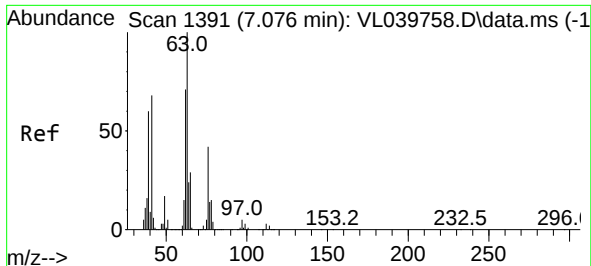
Tgt Ion: 43 Resp: 644190
Ion Ratio Lower Upper
43 100
72 20.9 16.5 24.7



#36
Benzene
Concen: 10.509 ppbv
RT: 6.378 min Scan# 1174
Delta R.T. 0.003 min
Lab File: VL039798.D
Acq: 25 Oct 2022 21:57

Tgt Ion: 78 Resp: 1963590
Ion Ratio Lower Upper
78 100
77 21.9 18.3 27.5
50 18.8 15.2 22.8





#39

1,2-Dichloropropane

Concen: 8.118 ppbv

RT: 6.661 min Scan# 1

Delta R.T. -0.415 min

Lab File: VL039798.D

Acq: 25 Oct 2022 21:57

Instrument :

MSVOA_L

ClientSampleId :

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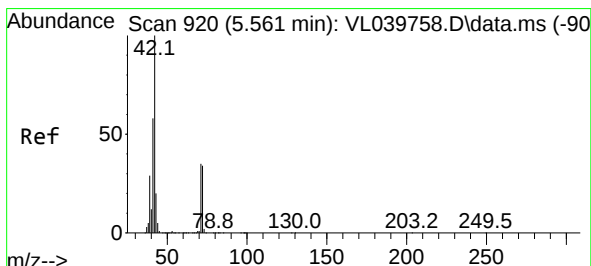
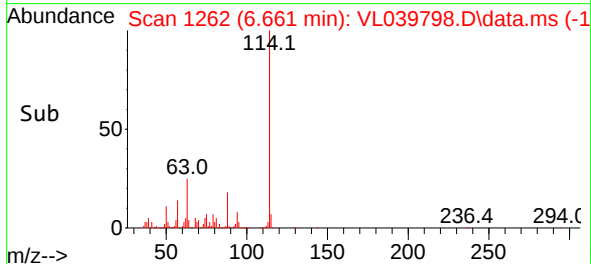
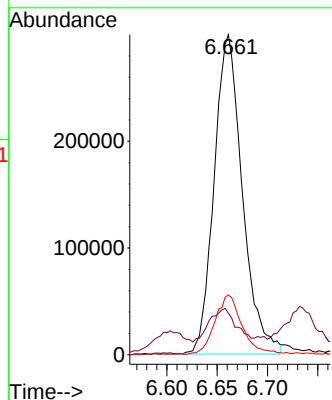
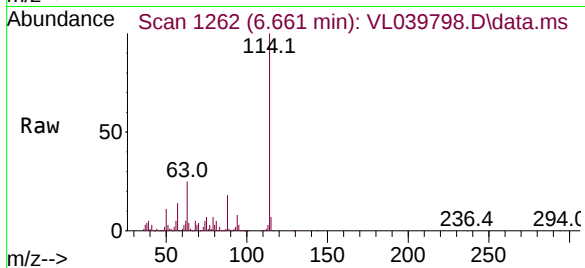
Tgt Ion: 63 Resp: 584362

Ion Ratio Lower Upper

63 100

41 6.3 54.5 81.7#

62 18.3 56.6 85.0#



#41

Tetrahydrofuran

Concen: 0.583 ppbv

RT: 5.507 min Scan# 903

Delta R.T. -0.055 min

Lab File: VL039798.D

Acq: 25 Oct 2022 21:57

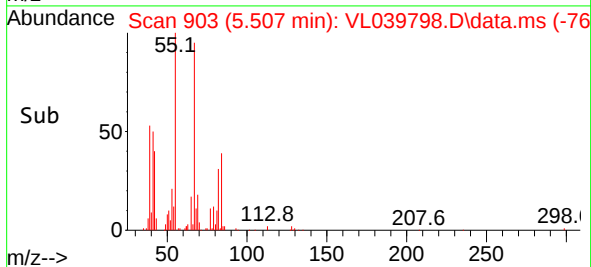
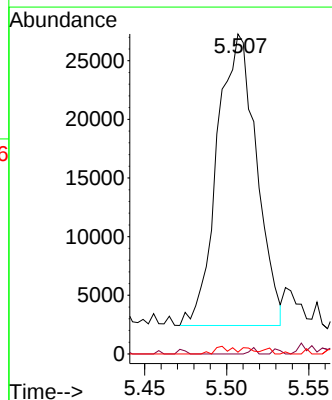
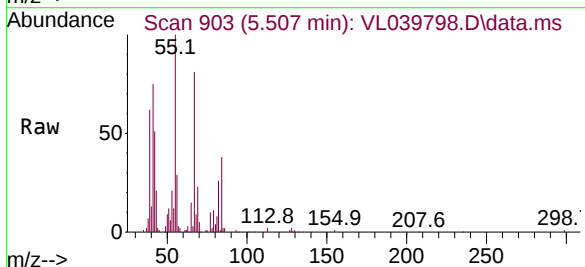
Tgt Ion: 42 Resp: 41366

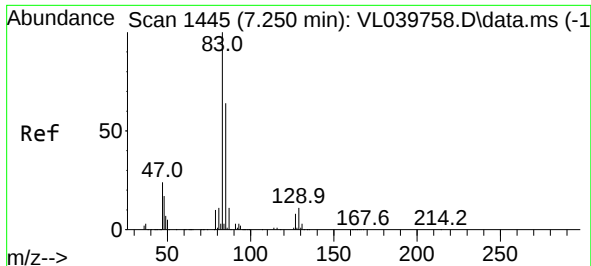
Ion Ratio Lower Upper

42 100

72 0.3 29.9 44.9#

71 0.0 29.2 43.8#





#42

Bromodichloromethane

Concen: 0.032 ppbv

RT: 7.256 min Scan# 1445

Delta R.T. 0.006 min

Lab File: VL039798.D

Acq: 25 Oct 2022 21:57

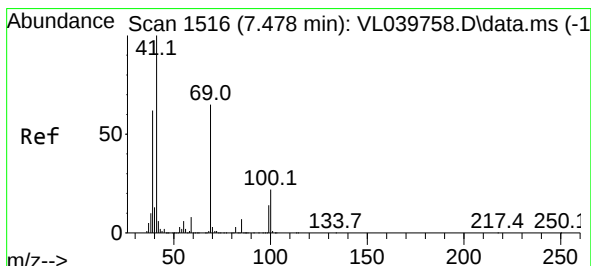
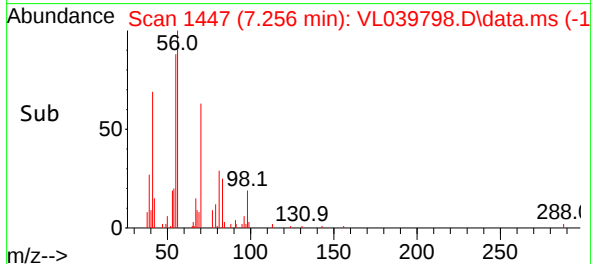
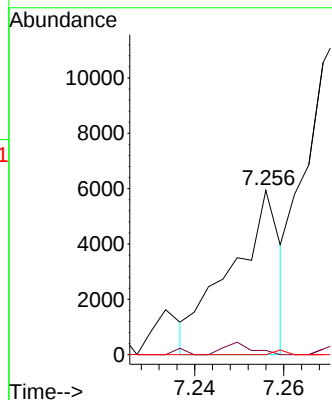
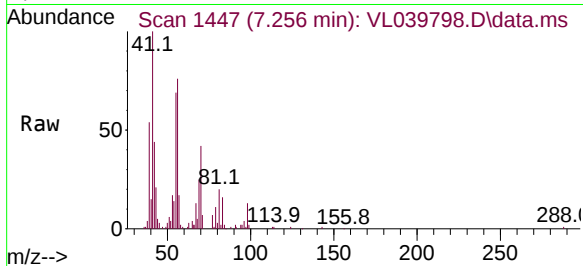
Instrument :

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ClientSampleId :

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Tgt Ion: 83	Resp: 4544
Ion Ratio	Lower Upper
83	100
85	3.2 51.5 77.3#
127	0.0 6.1 9.1#



#43

Methyl Methacrylate

Concen: 0.097 ppbv

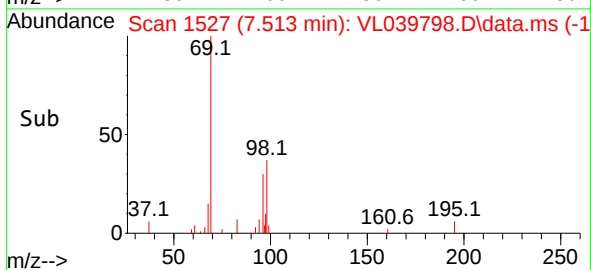
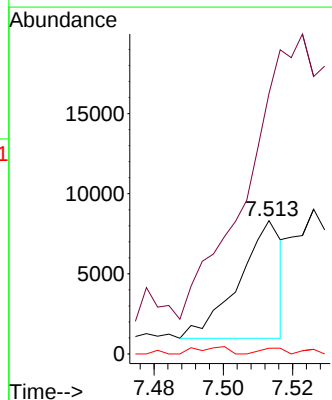
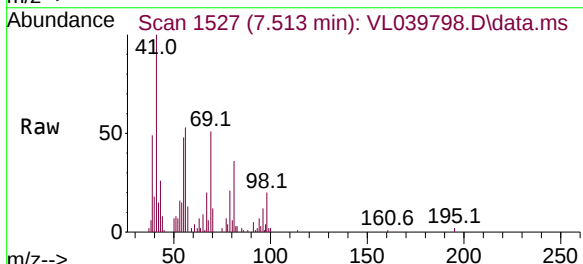
RT: 7.513 min Scan# 1527

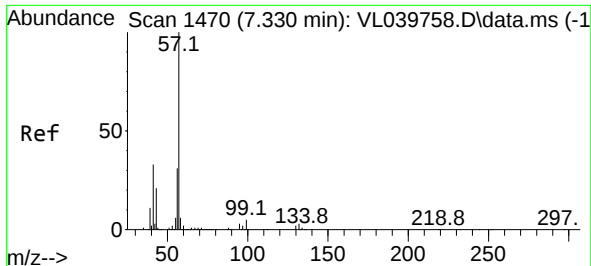
Delta R.T. 0.035 min

Lab File: VL039798.D

Acq: 25 Oct 2022 21:57

Tgt Ion: 69	Resp: 6292
Ion Ratio	Lower Upper
69	100
41	0.0 121.8 182.6#
100	0.0 27.3 40.9#





#44

2,2,4-Trimethylpentane

Concen: 0.037 ppbv

RT: 7.333 min Scan# 1470

Delta R.T. 0.003 min

Lab File: VL039798.D

Acq: 25 Oct 2022 21:57

Instrument :

MSVOA_L

ClientSampleId :

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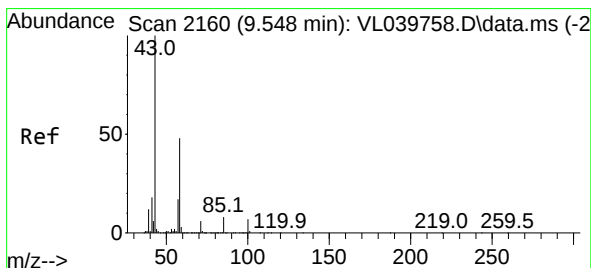
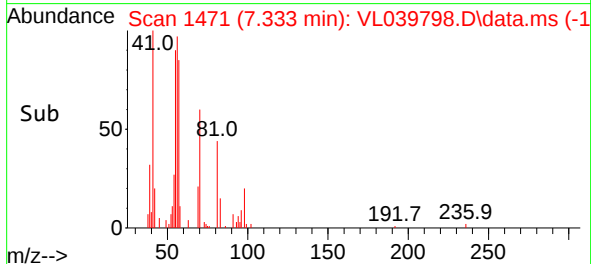
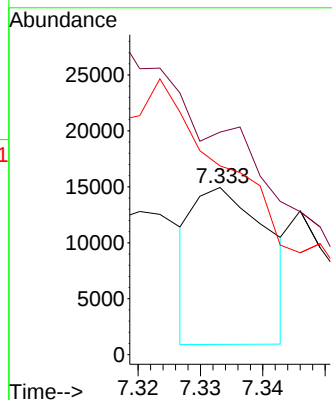
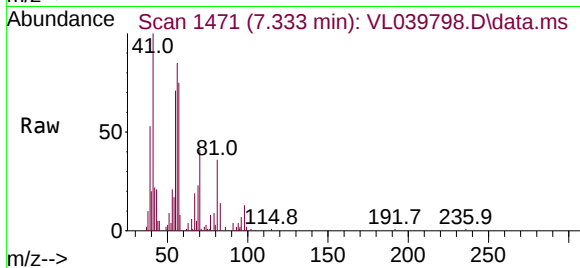
Tgt Ion: 57 Resp: 11546

Ion Ratio Lower Upper

57 100

41 0.0 26.6 40.0#

56 0.0 25.4 38.0#



#51

2-Hexanone

Concen: 0.081 ppbv

RT: 9.555 min Scan# 2162

Delta R.T. 0.006 min

Lab File: VL039798.D

Acq: 25 Oct 2022 21:57

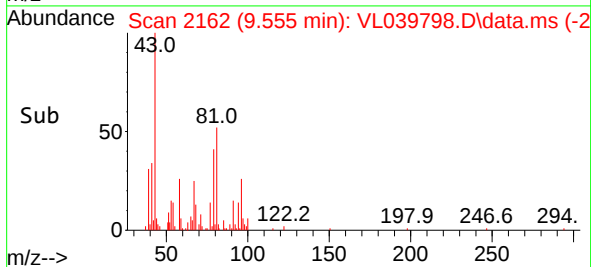
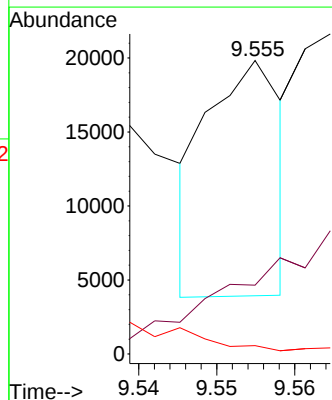
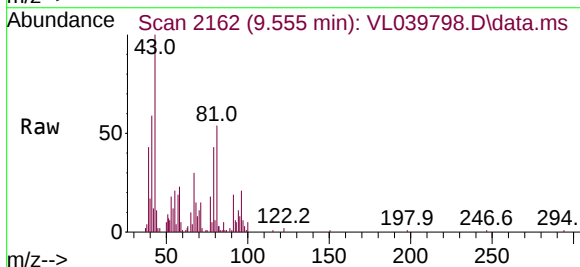
Tgt Ion: 43 Resp: 10632

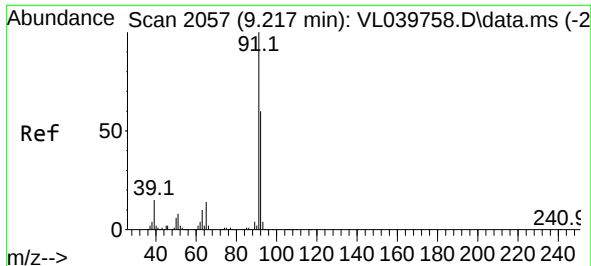
Ion Ratio Lower Upper

43 100

58 0.0 38.1 57.1#

98 0.0 0.2 0.2#

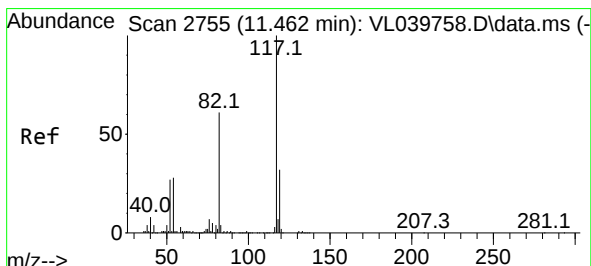
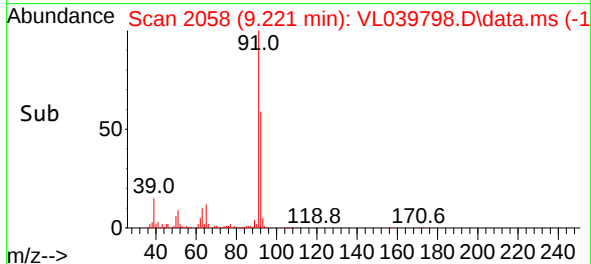
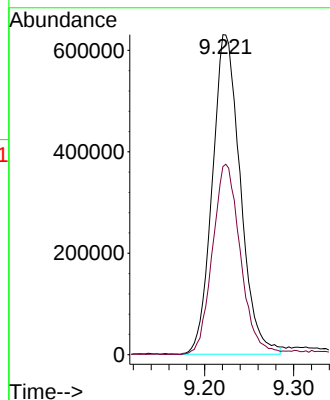
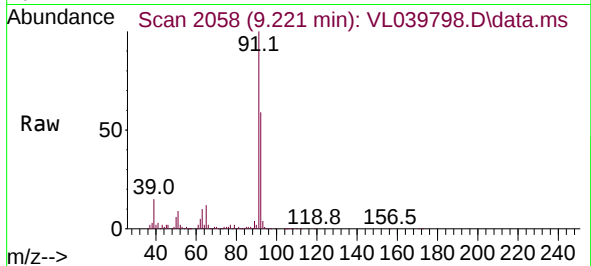




#53
Toluene
Concen: 7.036 ppbv
RT: 9.221 min Scan# 2057
Delta R.T. 0.004 min
Lab File: VL039798.D
Acq: 25 Oct 2022 21:57

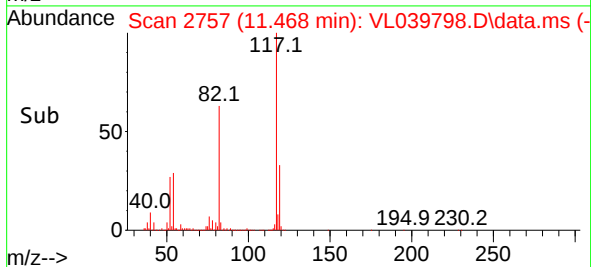
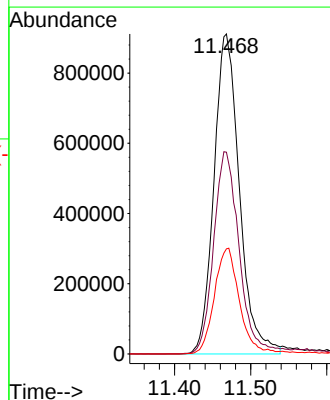
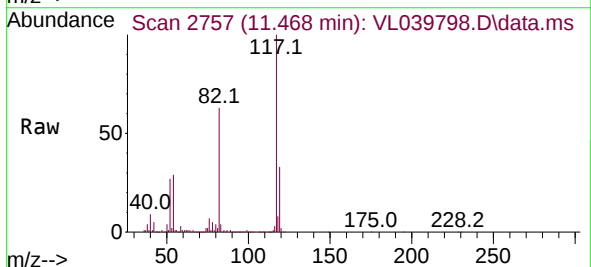
Instrument :
MSVOA_L
ClientSampleId :
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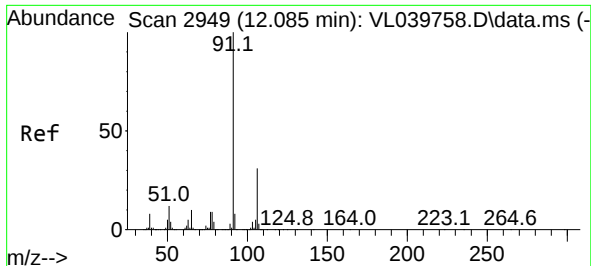
Tgt Ion: 91 Resp: 1377376
Ion Ratio Lower Upper
91 100
92 61.5 48.0 72.0



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.468 min Scan# 2757
Delta R.T. 0.006 min
Lab File: VL039798.D
Acq: 25 Oct 2022 21:57

Tgt Ion: 117 Resp: 2120758
Ion Ratio Lower Upper
117 100
82 65.4 49.9 74.9
119 33.4 25.2 37.8





#58

Ethyl Benzene

Concen: 0.348 ppbv

RT: 12.092 min Scan# 2949

Delta R.T. 0.006 min

Lab File: VL039798.D

Acq: 25 Oct 2022 21:57

Instrument :

MSVOA_L

ClientSampleId :

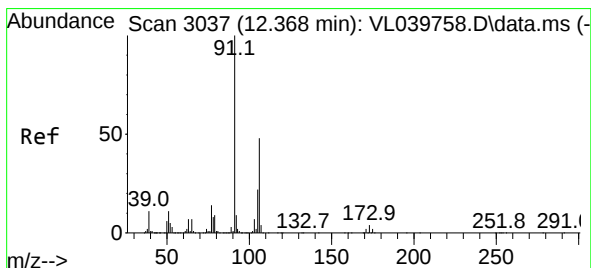
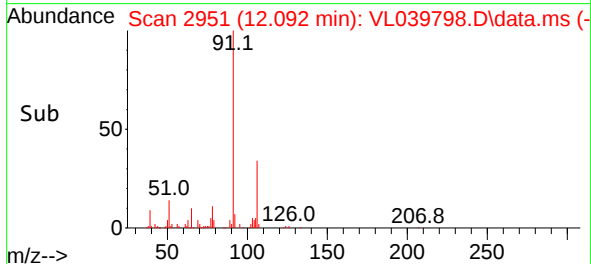
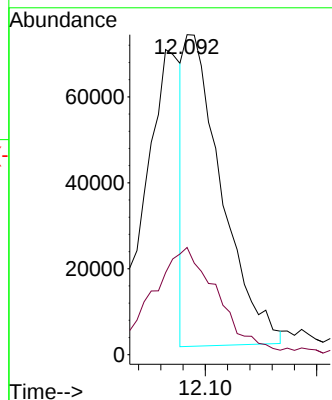
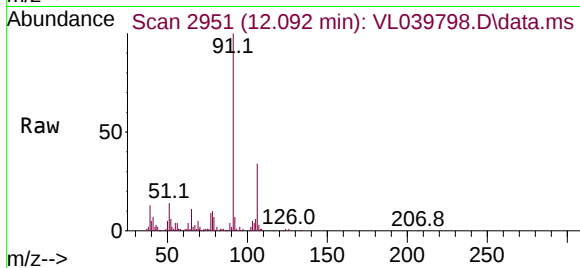
H

Tgt Ion: 91 Resp: 83972

Ion Ratio Lower Upper

91 100

106 34.7 24.6 36.8



#59

m/p-Xylene

Concen: 0.768 ppbv

RT: 12.343 min Scan# 3029

Delta R.T. -0.026 min

Lab File: VL039798.D

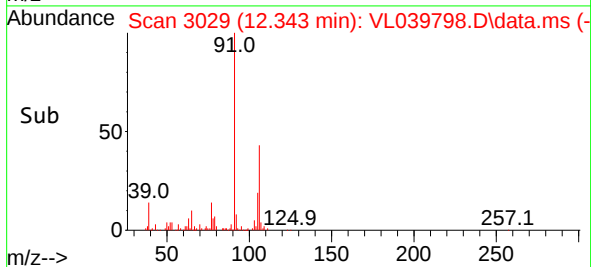
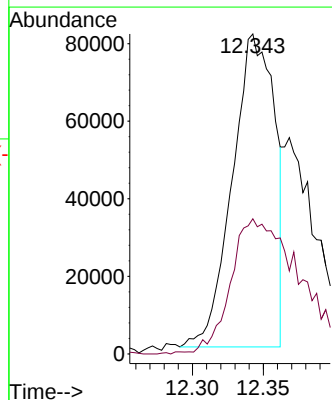
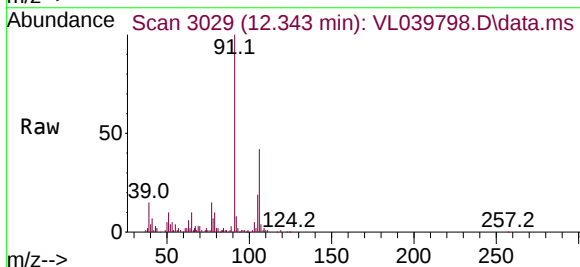
Acq: 25 Oct 2022 21:57

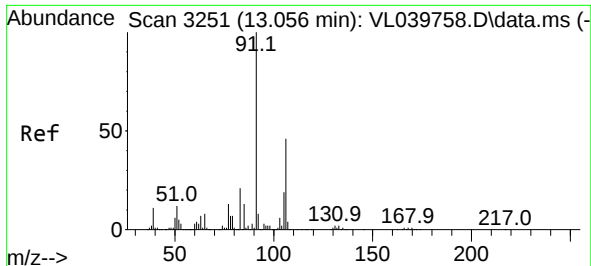
Tgt Ion: 91 Resp: 167481

Ion Ratio Lower Upper

91 100

106 72.8 36.4 54.6#

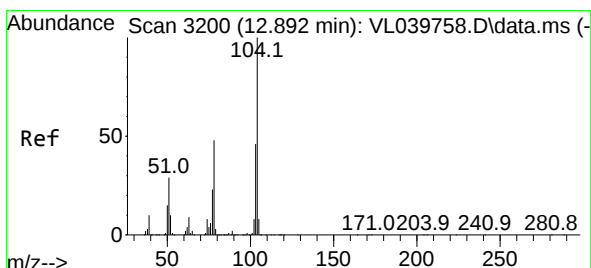
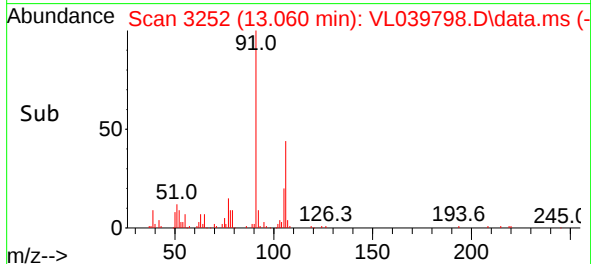
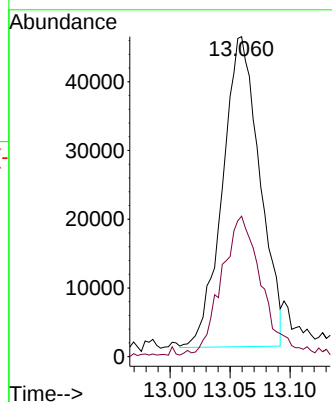
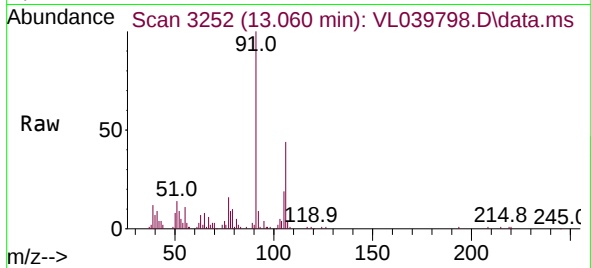




#60
o-Xylene
Concen: 0.477 ppbv
RT: 13.060 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL039798.D
Acq: 25 Oct 2022 21:57

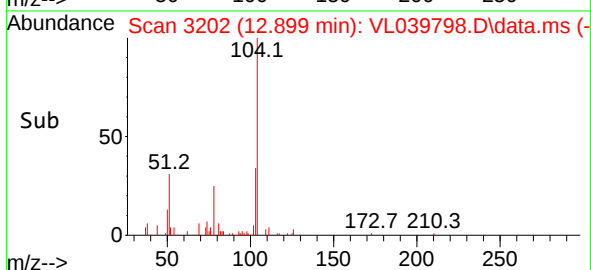
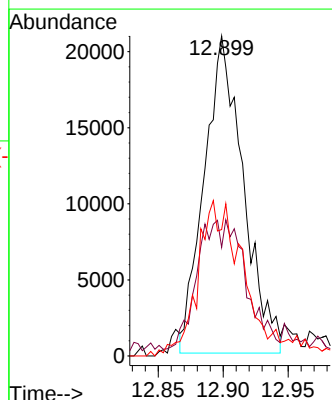
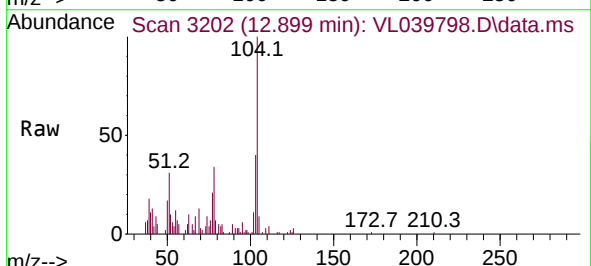
Instrument :
MSVOA_L
ClientSampleId :
H

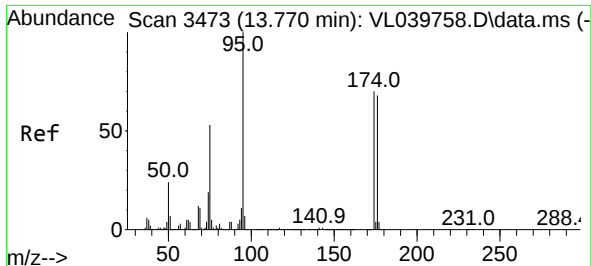
Tgt Ion: 91 Resp: 97588
Ion Ratio Lower Upper
91 100
106 50.0 22.9 68.8



#61
Styrene
Concen: 0.408 ppbv
RT: 12.899 min Scan# 3202
Delta R.T. 0.006 min
Lab File: VL039798.D
Acq: 25 Oct 2022 21:57

Tgt Ion: 104 Resp: 43764
Ion Ratio Lower Upper
104 100
78 61.3 39.9 59.9#
103 59.3 38.8 58.2#

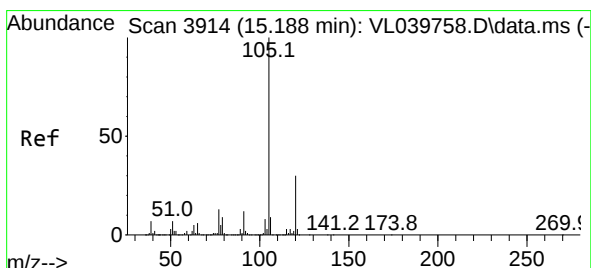
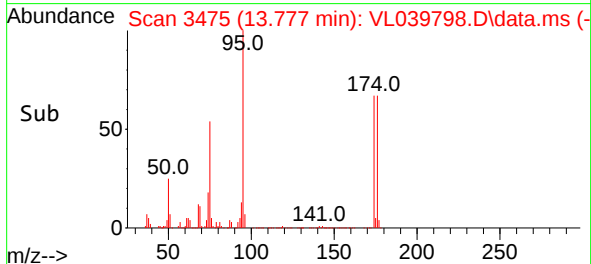
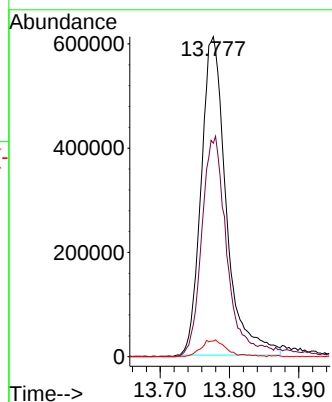
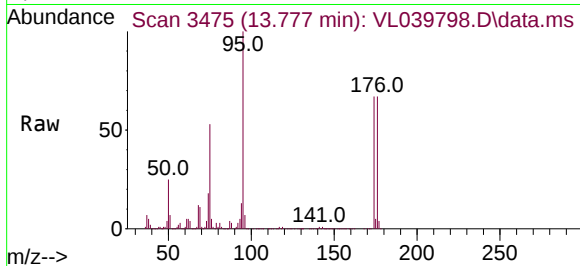




#68
1-Bromo-4-Fluorobenzene
Concen: 10.175 ppbv
RT: 13.777 min Scan# 3473
Delta R.T. 0.006 min
Lab File: VL039798.D
Acq: 25 Oct 2022 21:57

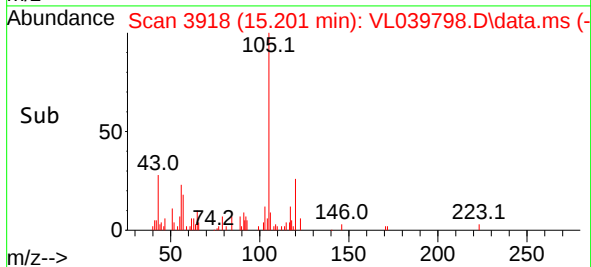
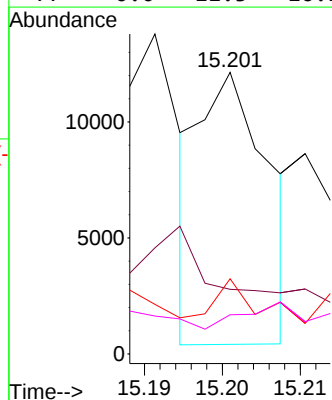
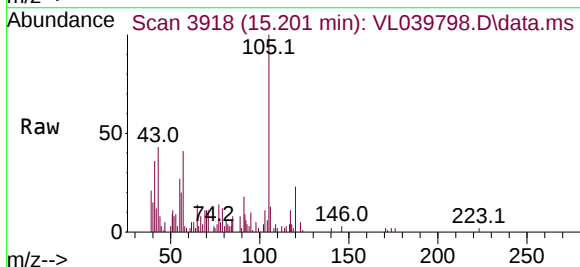
Instrument :
MSVOA_L
ClientSampleId :
H

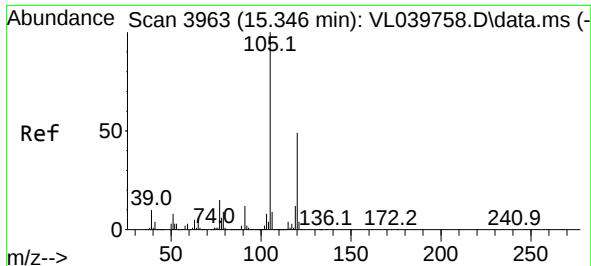
Tgt Ion: 95 Resp: 1535083
Ion Ratio Lower Upper
95 100
174 73.0 57.3 85.9
175 5.5 4.2 6.2



#72
4-Ethyltoluene
Concen: 0.030 ppbv
RT: 15.201 min Scan# 3918
Delta R.T. 0.013 min
Lab File: VL039798.D
Acq: 25 Oct 2022 21:57

Tgt Ion: 105 Resp: 7177
Ion Ratio Lower Upper
105 100
120 0.0 25.0 37.6#
91 37.3 10.2 15.2#
77 0.0 11.3 16.9#





#73

1,3,5-Trimethylbenzene

Concen: 0.042 ppbv

RT: 15.359 min Scan# 3967

Delta R.T. 0.013 min

Lab File: VL039798.D

Acq: 25 Oct 2022 21:57

Instrument :

MSVOA_L

ClientSampleId :

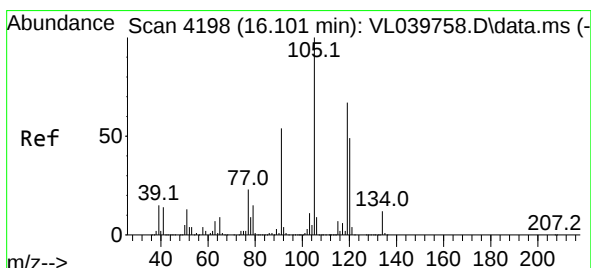
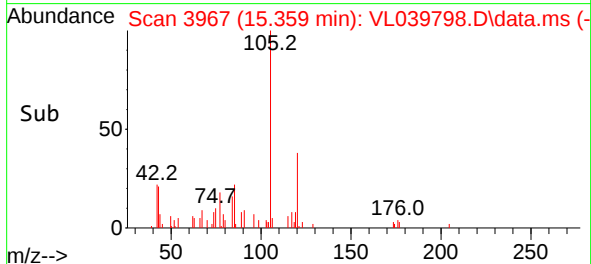
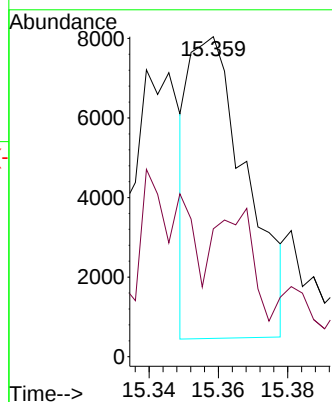
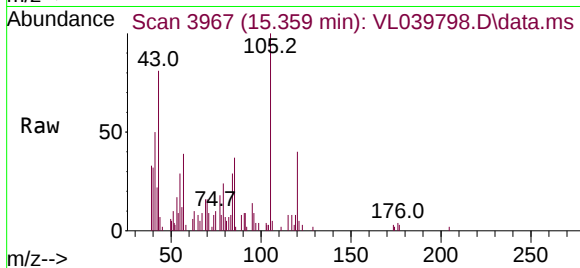
H

Tgt Ion:105 Resp: 8748

Ion Ratio Lower Upper

105 100

120 33.0 39.0 58.6#



#74

1,2,4-Trimethylbenzene

Concen: 0.285 ppbv

RT: 16.104 min Scan# 4199

Delta R.T. 0.003 min

Lab File: VL039798.D

Acq: 25 Oct 2022 21:57

Tgt Ion:105 Resp: 67974

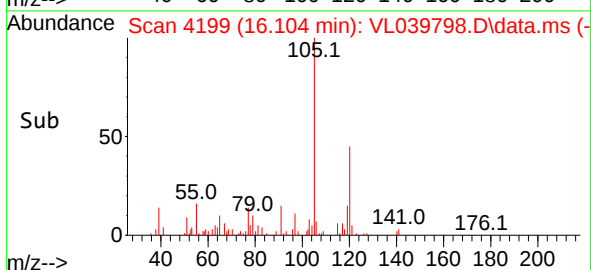
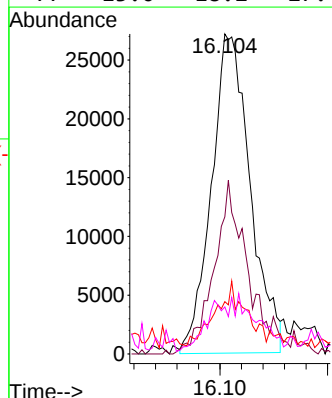
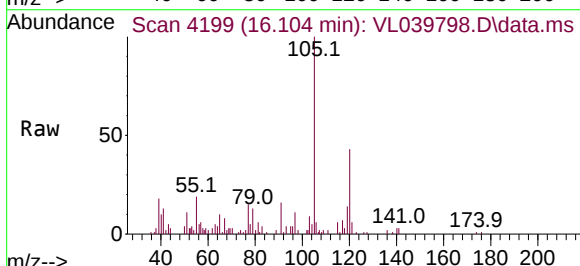
Ion Ratio Lower Upper

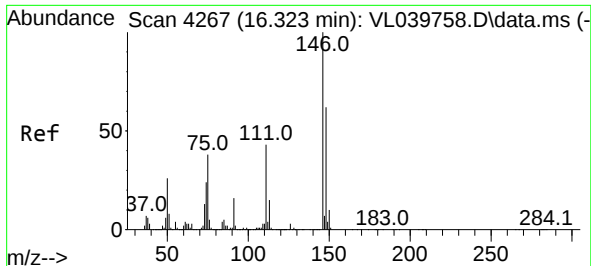
105 100

120 41.8 39.6 59.4

91 13.4 42.9 64.3#

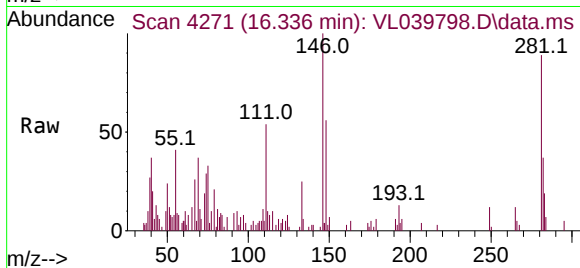
77 13.0 18.2 27.4#



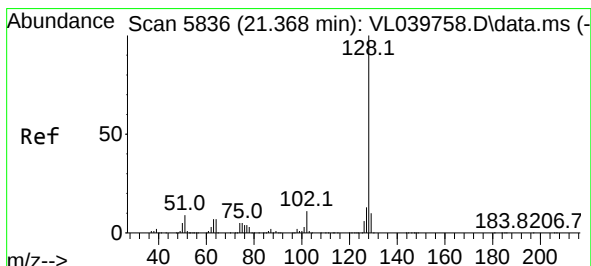
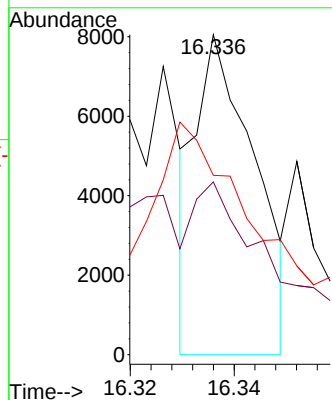
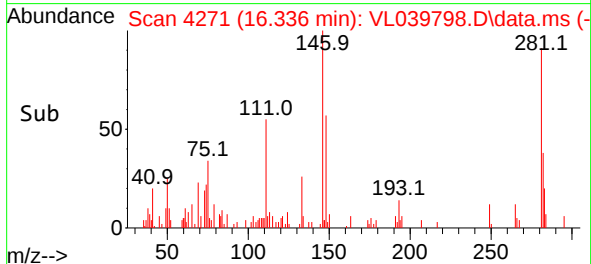


#75
1,3-Dichlorobenzene
Concen: 0.044 ppbv
RT: 16.336 min Scan# 4267
Delta R.T. 0.013 min
Lab File: VL039798.D
Acq: 25 Oct 2022 21:57

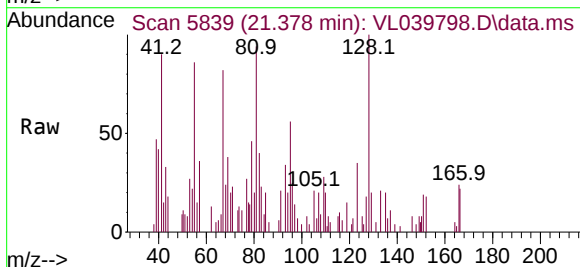
Instrument :
MSVOA_L
ClientSampleId :
H



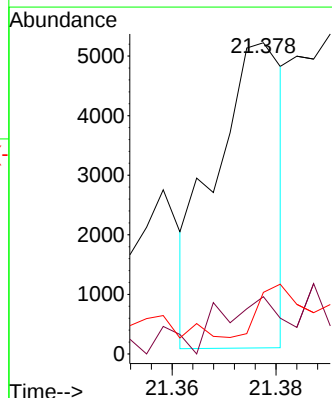
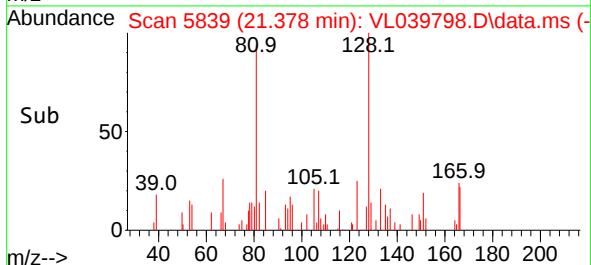
Tgt Ion:146 Resp: 6331
Ion Ratio Lower Upper
146 100
111 193.0 22.4 67.3#
148 0.0 32.4 97.0#

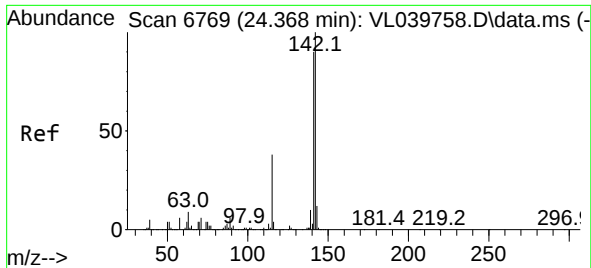


#79
Naphthalene
Concen: 0.032 ppbv
RT: 21.378 min Scan# 5839
Delta R.T. 0.010 min
Lab File: VL039798.D
Acq: 25 Oct 2022 21:57



Tgt Ion:128 Resp: 4627
Ion Ratio Lower Upper
128 100
127 20.0 10.5 15.7#
129 24.1 8.4 12.6#





#80
Naphthalene, 2-methyl-
Concen: 0.142 ppbv
RT: 24.387 min Scan# 61
Delta R.T. 0.019 min
Lab File: VL039798.D
Acq: 25 Oct 2022 21:57

Instrument :
MSVOA_L
ClientSampleId :
H

Tgt Ion	Ratio	Lower	Upper
142	100		
141	73.1	65.7	98.5
115	145.6	28.3	42.5

