

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102522\
 Data File : VL039796.D
 Acq On : 25 Oct 2022 20:34
 Operator : SY/AP
 Sample : N5227-14
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 O

Quant Time: Oct 28 08:10:36 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	5.202	49	762682	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.661	114	2266940	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.468	117	1981263	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.777	95	1432115	10.161	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.600%

Target Compounds						Qvalue
3) Chlorodifluoromethane	2.690	51	443772	4.844	ppbv #	64
4) Chloromethane	2.832	50	13641	0.238	ppbv #	86
7) Chloroethane	3.215	64	681	0.040	ppbv #	68
9) Propene	2.710	41	256046	6.505	ppbv	87
10) Heptane	7.584	43	46813	0.497	ppbv #	83
11) Trichlorofluoromethane	3.581	101	28388	0.254	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.086	101	3630	0.042	ppbv #	14
13) Ethanol	3.266	45	18018	6.373	ppbv #	37
15) Acetone	3.485	43	1072671	11.775	ppbv	97
16) 1,3-Butadiene	2.999	39	32484	0.721	ppbv #	64
19) Isopropyl Alcohol	3.600	45	18392	0.431	ppbv #	89
20) Methylene Chloride	3.948	84	450534	13.000	ppbv	99
23) Vinyl Acetate	4.629	43	29371	0.836	ppbv #	18
24) 1,1-Dichloroethane	4.581	63	6539	0.080	ppbv #	61
25) Ethyl Acetate	5.227	43	293072	1.646	ppbv #	77
26) Hexane	5.224	57	402613	5.437	ppbv #	37
27) Carbon Disulfide	4.137	76	129001	1.467	ppbv	93
28) Methyl tert-Butyl Ether	4.607	73	8266	0.128	ppbv #	51
29) Chloroform	5.285	83	17572	0.151	ppbv	96
30) Cyclohexane	6.607	84	12076	0.199	ppbv #	33
31) cis-1,2-Dichloroethene	5.089	61	4875	0.068	ppbv #	80
32) 1,1,1-Trichloroethane	6.012	97	60129	0.569	ppbv	95
34) 2-Butanone	4.803	43	141935	1.331	ppbv #	91
35) Carbon Tetrachloride	6.497	117	4988	0.039	ppbv #	51
36) Benzene	6.378	78	210447	1.205	ppbv	97
37) 1,2-Dichloroethane	5.816	62	4222	0.045	ppbv #	75
38) Trichloroethene	7.292	130	12111	0.123	ppbv	96
39) 1,2-Dichloropropane	6.658	63	553777	8.234	ppbv #	25
41) Tetrahydrofuran	5.819	42	5665	0.085	ppbv #	41
52) Tetrachloroethene	10.619	164	599492	9.167	ppbv	96
53) Toluene	9.224	91	360176	1.969	ppbv	98
58) Ethyl Benzene	12.098	91	24106	0.107	ppbv	97
59) m/p-Xylene	12.365	91	66878	0.328	ppbv #	31
60) o-Xylene	13.063	91	40820	0.214	ppbv #	20
61) Styrene	12.902	104	4051	0.040	ppbv #	28
64) n-propylbenzene	14.912	120	4382	0.059	ppbv	92
69) p-Isopropyltoluene	16.995	119	20145	0.070	ppbv #	73
71) 2-Chlorotoluene	15.111	91	9876	0.049	ppbv	93
72) 4-Ethyltoluene	15.192	105	9323	0.042	ppbv #	7
73) 1,3,5-Trimethylbenzene	15.352	105	14517	0.074	ppbv #	80
74) 1,2,4-Trimethylbenzene	16.111	105	54835	0.246	ppbv #	66
75) 1,3-Dichlorobenzene	16.336	146	7800	0.058	ppbv #	45
80) Naphthalene,2-methyl-	24.381	142	5041	0.109	ppbv #	73

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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

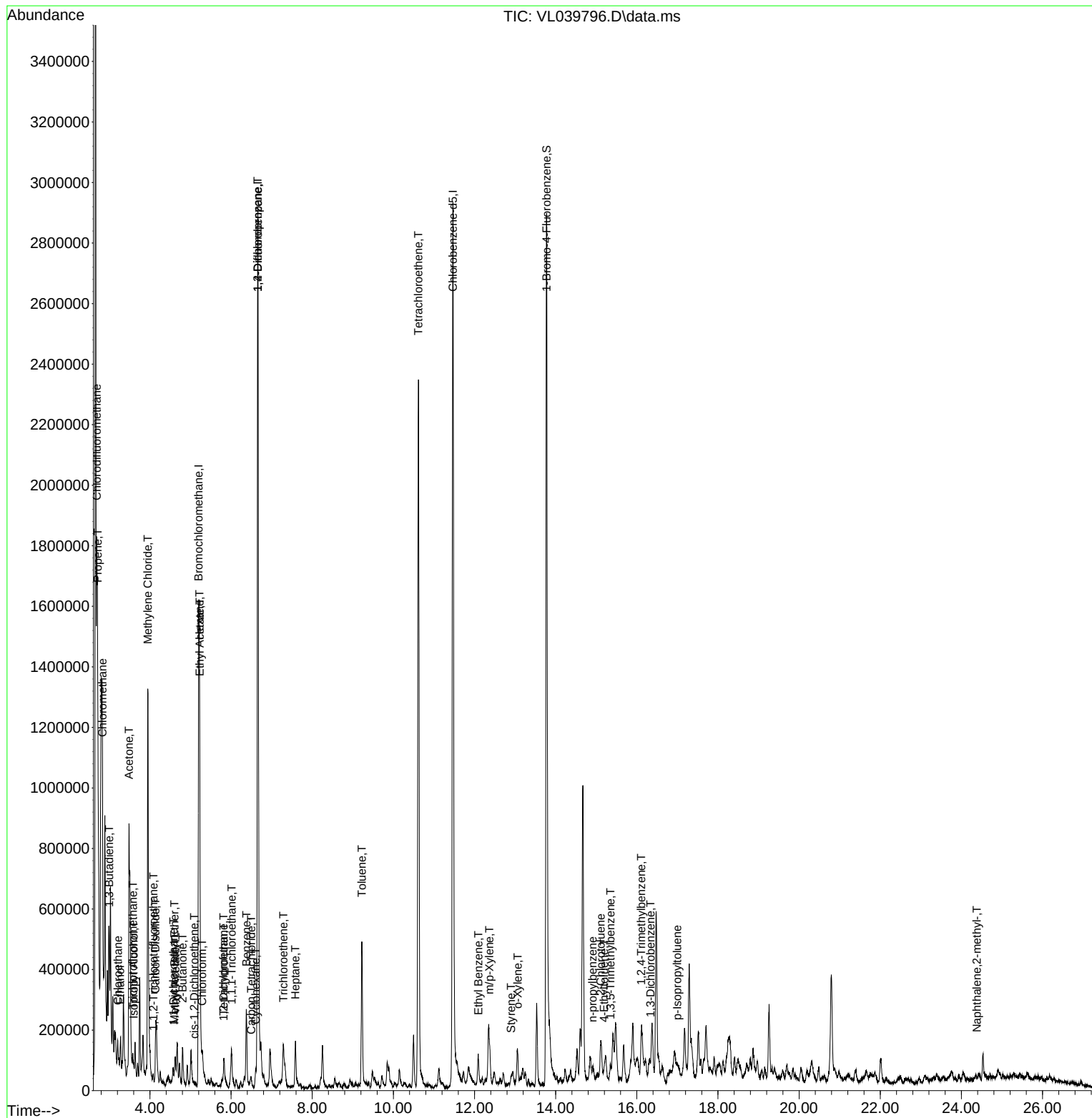
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

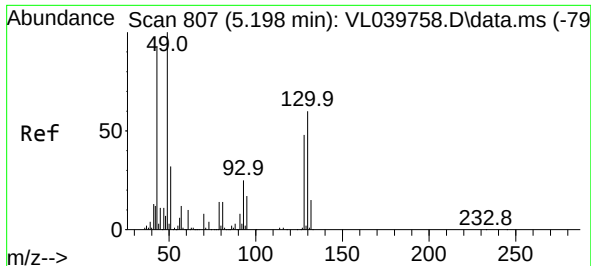
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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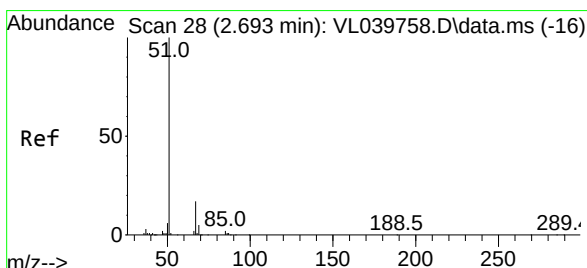
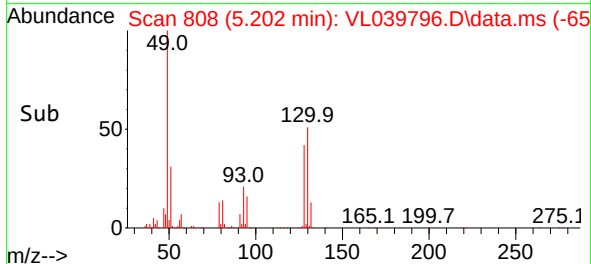
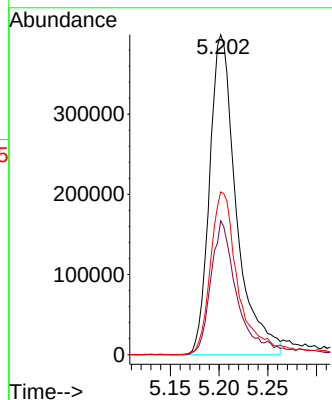
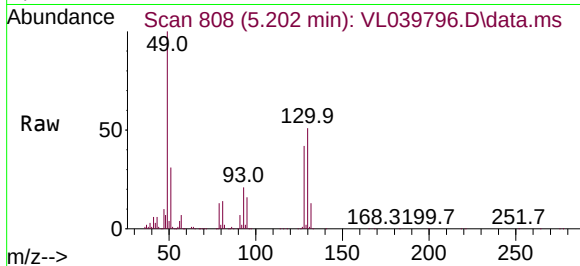




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.202 min Scan# 80
Delta R.T. 0.004 min
Lab File: VL039796.D
Acq: 25 Oct 2022 20:34

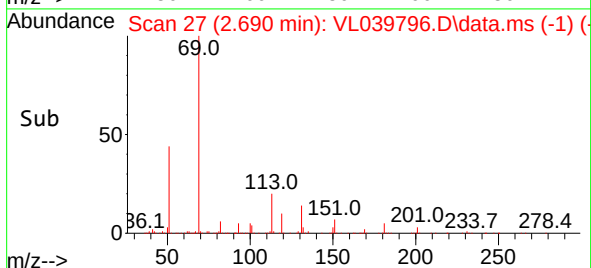
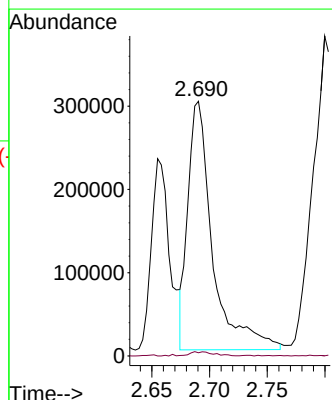
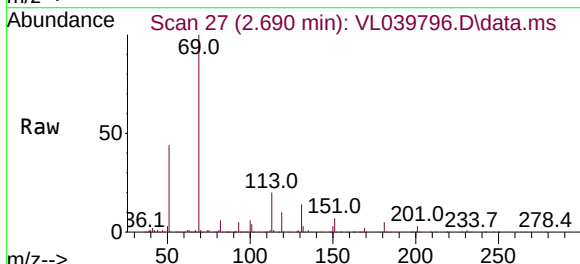
Instrument :
MSVOA_L
ClientSampleId :
O

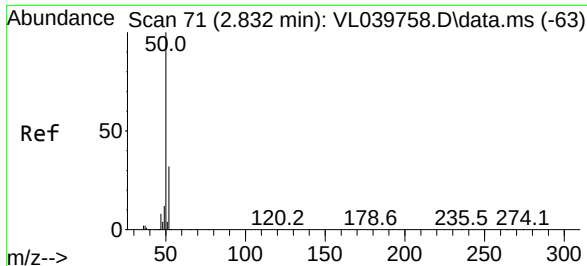
Tgt Ion: 49 Resp: 762682
Ion Ratio Lower Upper
49 100
128 44.4 24.6 74.0
130 55.9 31.8 95.3



#3
Chlorodifluoromethane
Concen: 4.844 ppbv
RT: 2.690 min Scan# 27
Delta R.T. -0.003 min
Lab File: VL039796.D
Acq: 25 Oct 2022 20:34

Tgt Ion: 51 Resp: 443772
Ion Ratio Lower Upper
51 100
67 1.8 14.2 21.2#

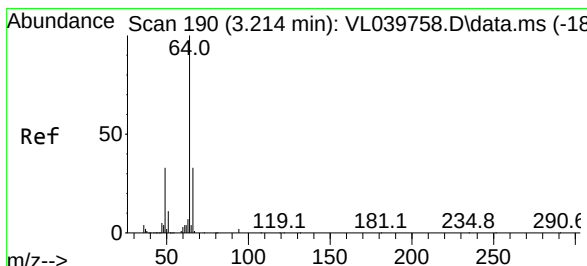
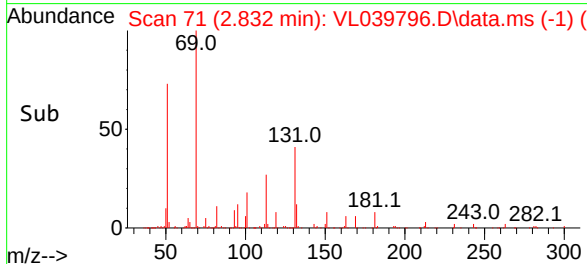
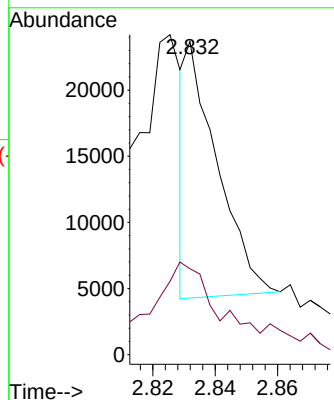
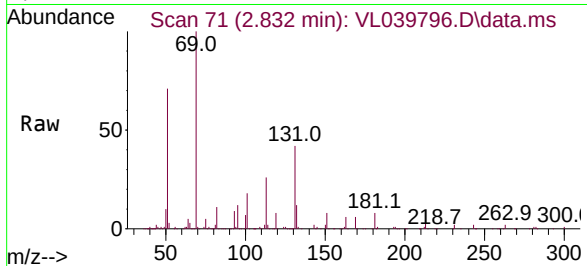




#4
Chloromethane
Concen: 0.238 ppbv
RT: 2.832 min Scan# 71
Delta R.T. 0.000 min
Lab File: VL039796.D
Acq: 25 Oct 2022 20:34

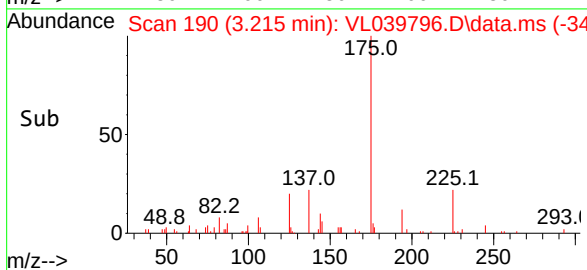
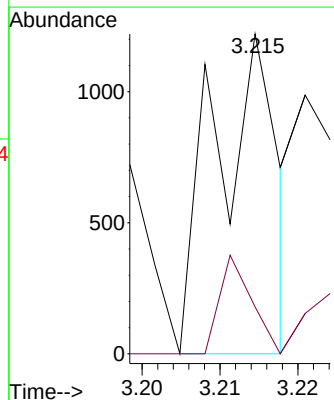
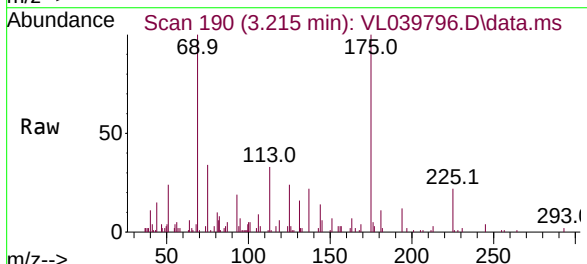
Instrument :
MSVOA_L
ClientSampleId :
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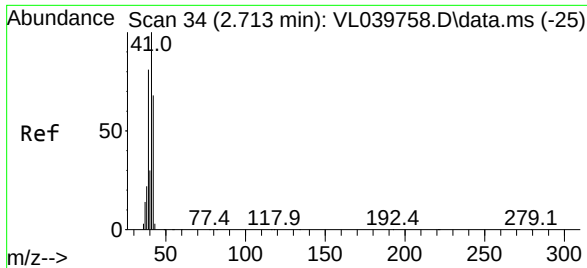
Tgt Ion: 50 Resp: 13641
Ion Ratio Lower Upper
50 100
52 24.6 25.9 38.9#



#7
Chloroethane
Concen: 0.040 ppbv
RT: 3.215 min Scan# 190
Delta R.T. 0.000 min
Lab File: VL039796.D
Acq: 25 Oct 2022 20:34

Tgt Ion: 64 Resp: 681
Ion Ratio Lower Upper
64 100
66 14.7 26.3 39.5#





#9

Propene

Concen: 6.505 ppbv

RT: 2.710 min Scan# 31

Delta R.T. -0.003 min

Lab File: VL039796.D

Acq: 25 Oct 2022 20:34

Instrument :

MSVOA_L

ClientSampleId :

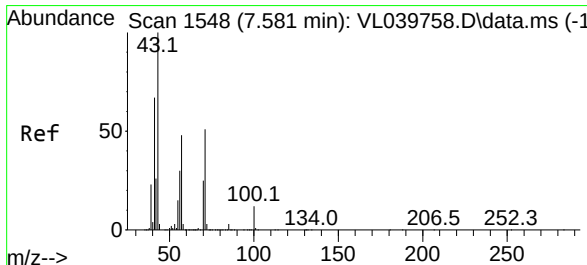
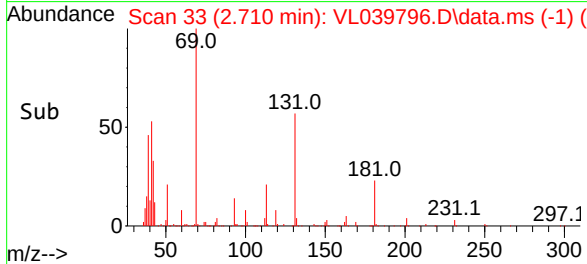
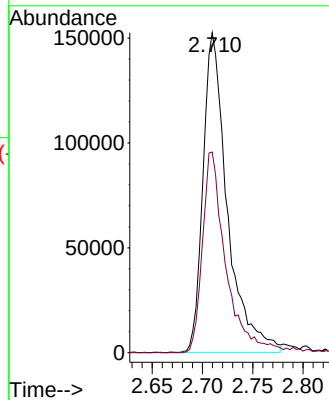
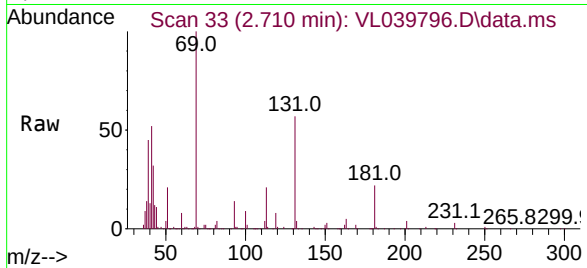
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Tgt Ion: 41 Resp: 256046

Ion Ratio Lower Upper

41 100

42 61.4 58.0 87.0



#10

Heptane

Concen: 0.497 ppbv

RT: 7.584 min Scan# 1549

Delta R.T. 0.003 min

Lab File: VL039796.D

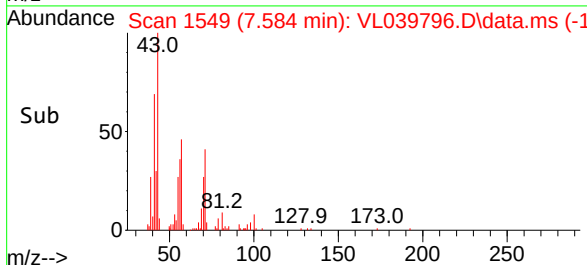
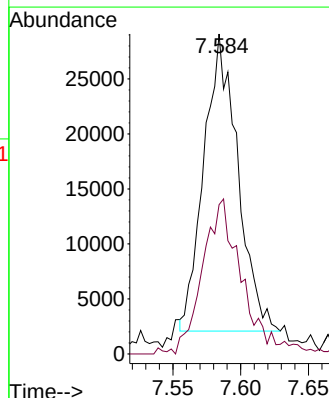
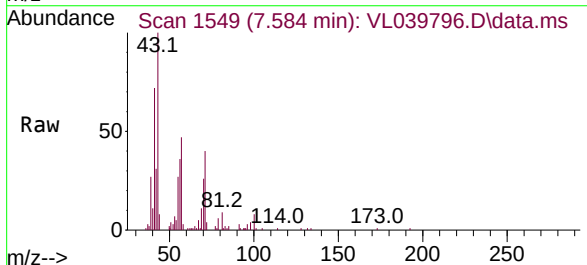
Acq: 25 Oct 2022 20:34

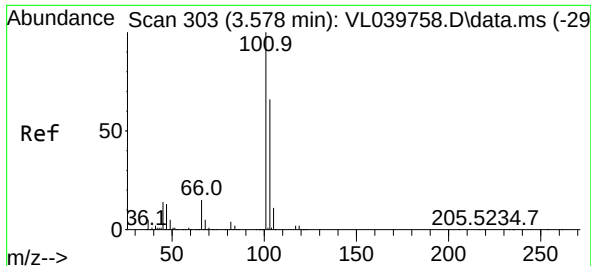
Tgt Ion: 43 Resp: 46813

Ion Ratio Lower Upper

43 100

57 61.6 40.0 60.0#

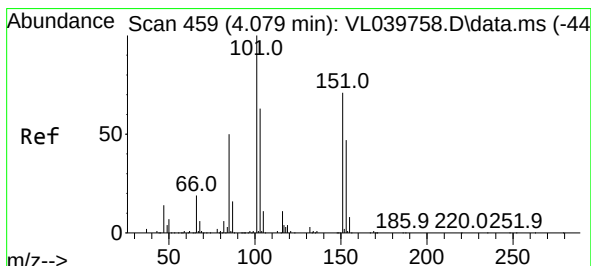
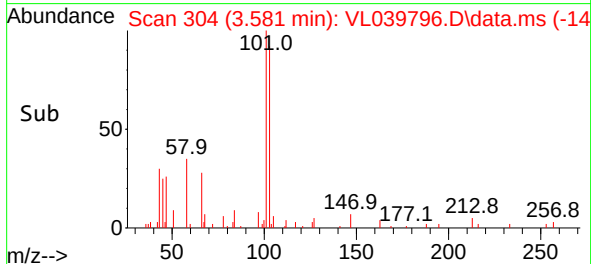
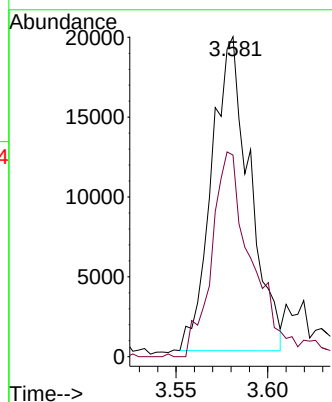
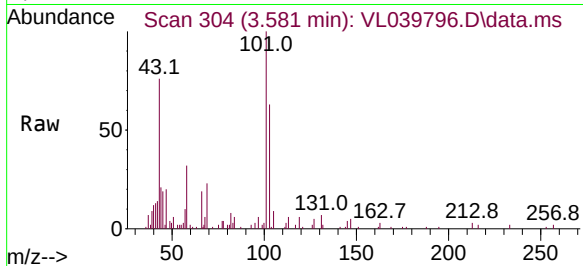




#11
 Trichlorofluoromethane
 Concen: 0.254 ppbv
 RT: 3.581 min Scan# 303
 Delta R.T. 0.003 min
 Lab File: VL039796.D
 Acq: 25 Oct 2022 20:34

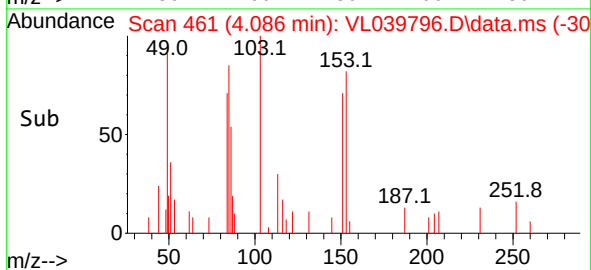
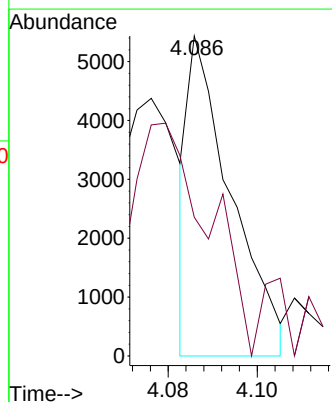
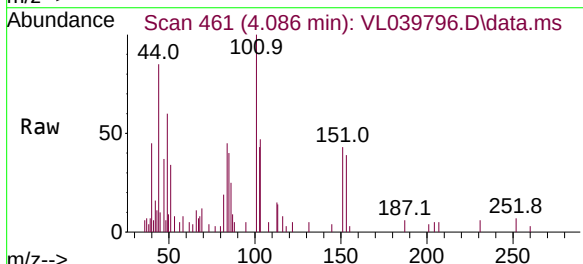
Instrument :
 MSVOA_L
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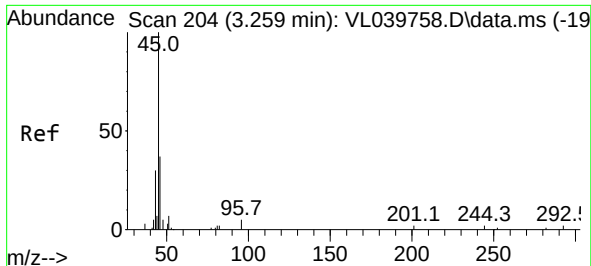
Tgt Ion:101 Resp: 28388
 Ion Ratio Lower Upper
 101 100
 103 64.2 52.7 79.1



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.042 ppbv
 RT: 4.086 min Scan# 461
 Delta R.T. 0.007 min
 Lab File: VL039796.D
 Acq: 25 Oct 2022 20:34

Tgt Ion:101 Resp: 3630
 Ion Ratio Lower Upper
 101 100
 151 0.0 56.6 84.8#

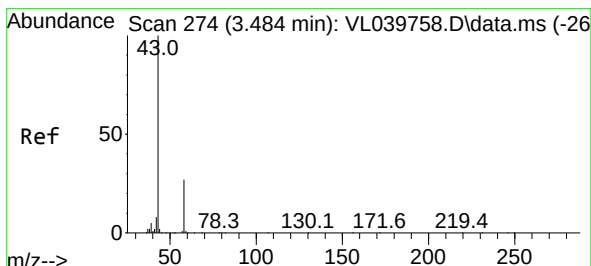
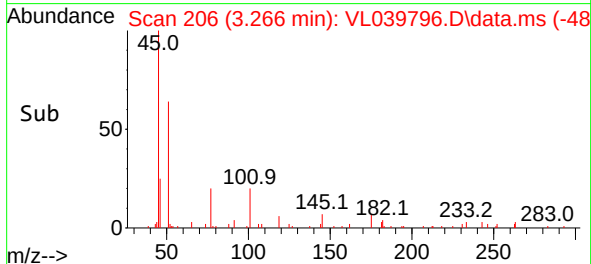
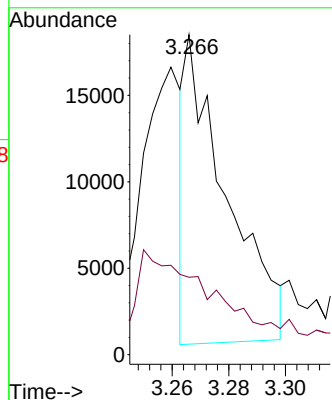
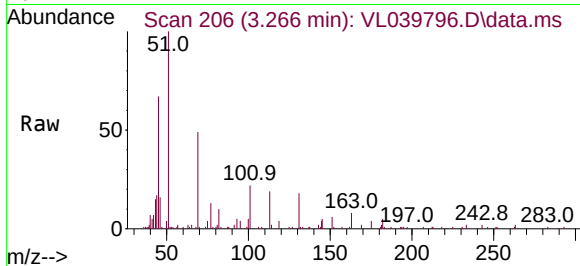




#13
Ethanol
Concen: 6.373 ppbv
RT: 3.266 min Scan# 204
Delta R.T. 0.007 min
Lab File: VL039796.D
Acq: 25 Oct 2022 20:34

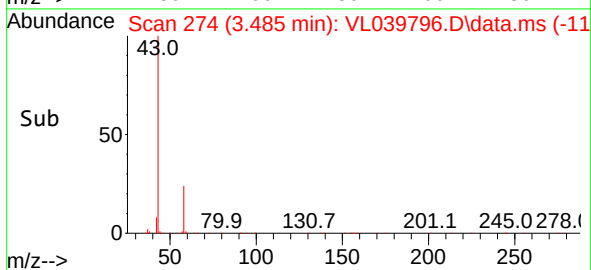
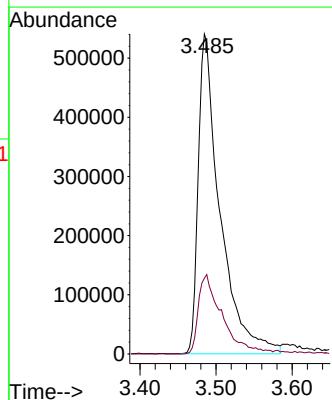
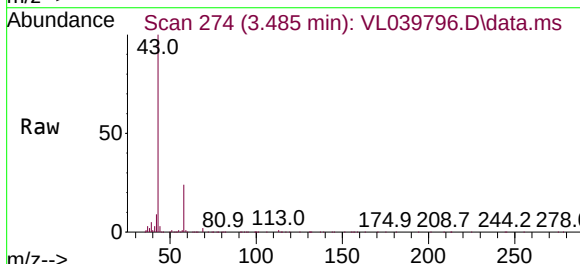
Instrument :
MSVOA_1
ClientSampleId :
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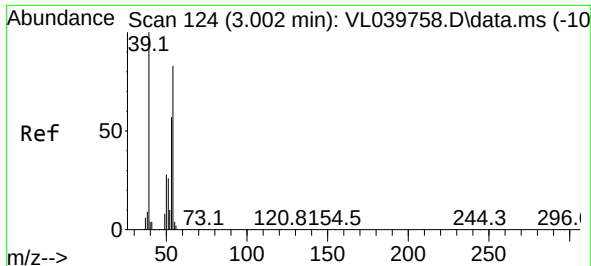
Tgt Ion: 45 Resp: 18018
Ion Ratio Lower Upper
45 100
46 0.0 15.3 61.3#



#15
Acetone
Concen: 11.775 ppbv
RT: 3.485 min Scan# 274
Delta R.T. 0.000 min
Lab File: VL039796.D
Acq: 25 Oct 2022 20:34

Tgt Ion: 43 Resp: 1072671
Ion Ratio Lower Upper
43 100
58 27.4 20.7 31.1





#16

1,3-Butadiene

Concen: 0.721 ppbv

RT: 2.999 min Scan# 11

Delta R.T. -0.003 min

Lab File: VL039796.D

Acq: 25 Oct 2022 20:34

Instrument :

MSVOA_L

ClientSampleId :

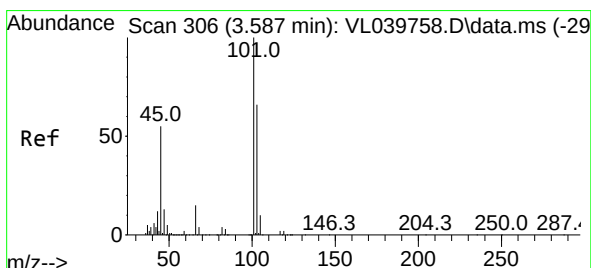
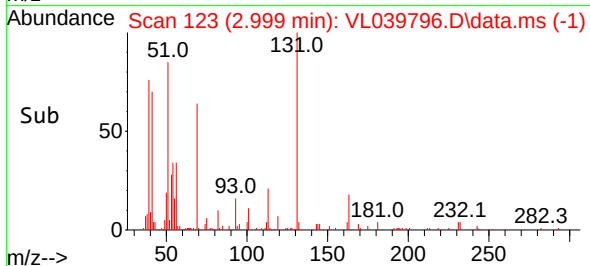
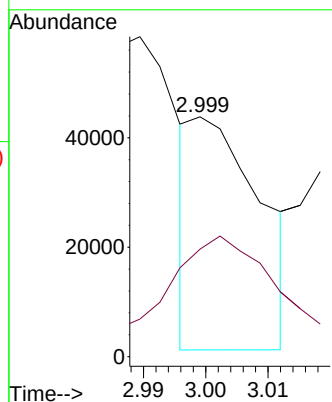
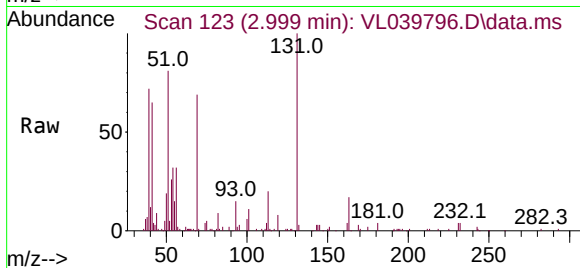
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Tgt Ion: 39 Resp: 32484

Ion Ratio Lower Upper

39 100

54 112.5 64.6 97.0#



#19

Isopropyl Alcohol

Concen: 0.431 ppbv

RT: 3.600 min Scan# 310

Delta R.T. 0.013 min

Lab File: VL039796.D

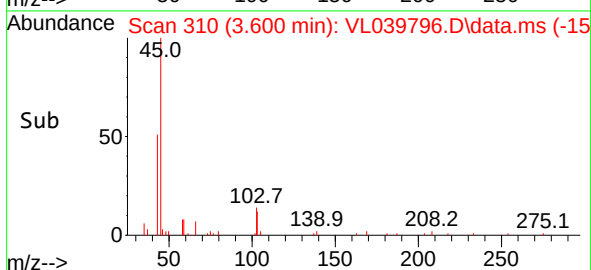
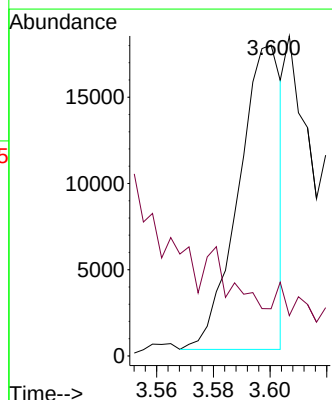
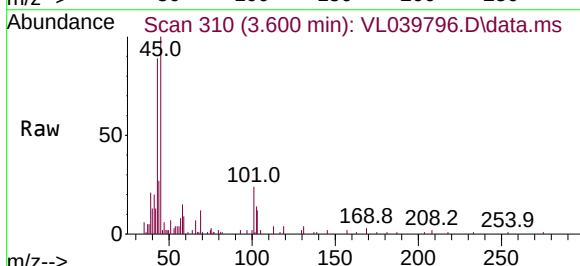
Acq: 25 Oct 2022 20:34

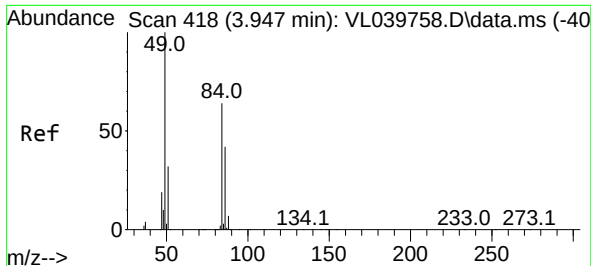
Tgt Ion: 45 Resp: 18392

Ion Ratio Lower Upper

45 100

58 0.0 2.8 4.2#



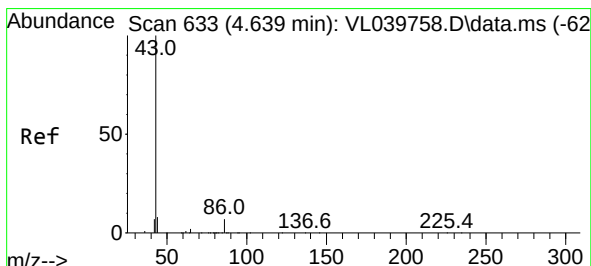
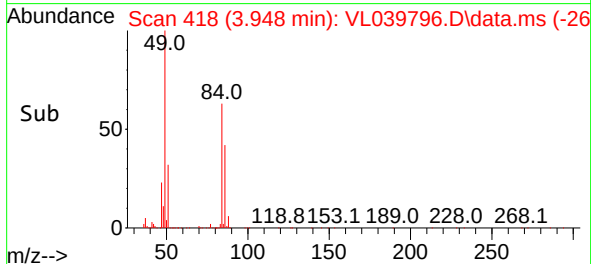
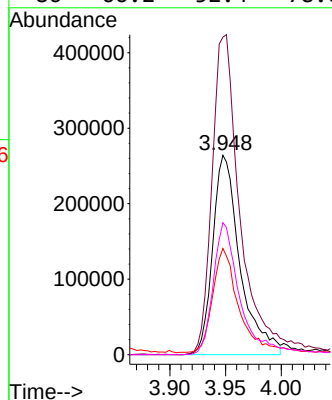
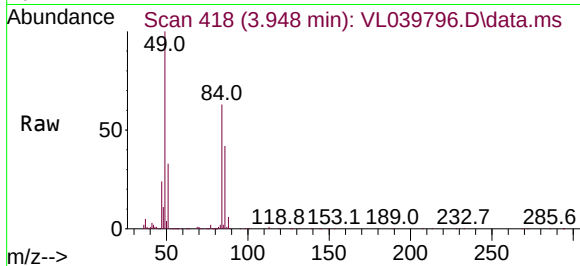


#20
Methylene Chloride
Concen: 13.000 ppbv
RT: 3.948 min Scan# 418
Delta R.T. 0.000 min
Lab File: VL039796.D
Acq: 25 Oct 2022 20:34

Instrument :
MSVOA_L
ClientSampleId :
O

Tgt Ion: 84 Resp: 450534

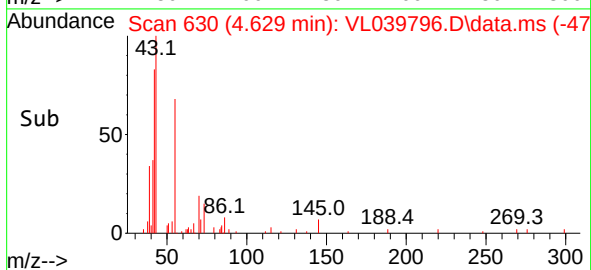
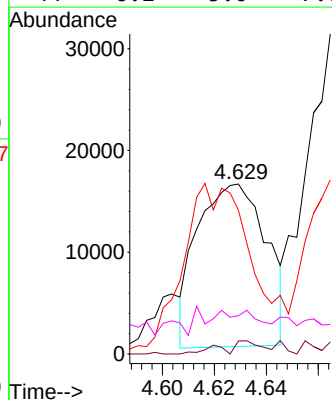
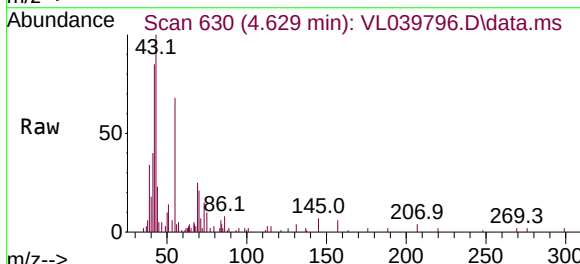
Ion	Ratio	Lower	Upper
84	100		
49	159.3	126.0	189.0
51	52.1	40.9	61.3
86	66.2	52.4	78.6

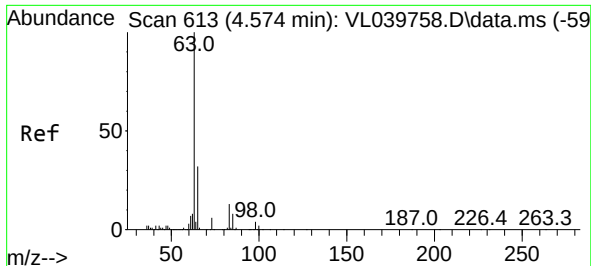


#23
Vinyl Acetate
Concen: 0.836 ppbv
RT: 4.629 min Scan# 630
Delta R.T. -0.009 min
Lab File: VL039796.D
Acq: 25 Oct 2022 20:34

Tgt Ion: 43 Resp: 29371

Ion	Ratio	Lower	Upper
43	100		
86	11.5	4.9	7.3#
42	75.2	7.2	10.8#
44	6.2	5.0	7.6

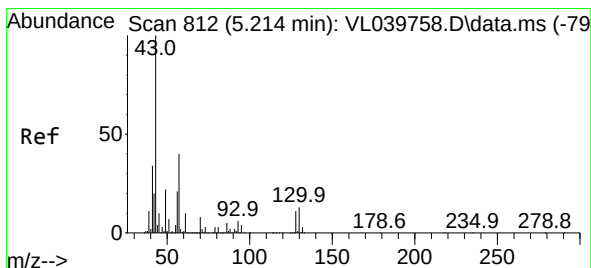
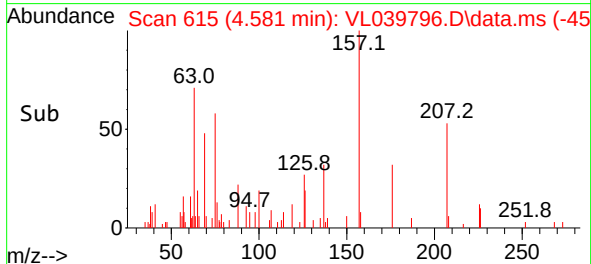
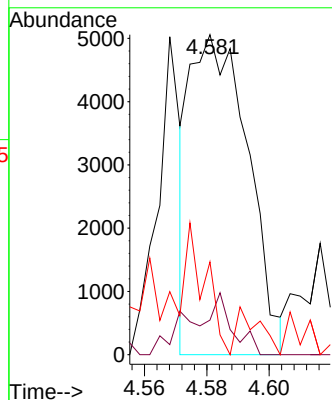
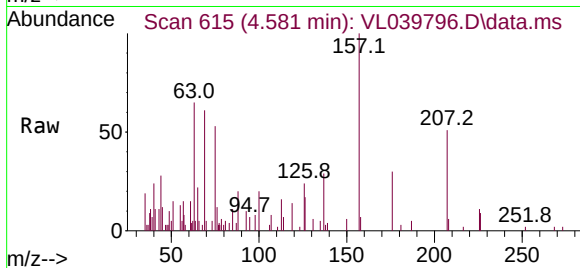




#24
1,1-Dichloroethane
Concen: 0.080 ppbv
RT: 4.581 min Scan# 613
Delta R.T. 0.007 min
Lab File: VL039796.D
Acq: 25 Oct 2022 20:34

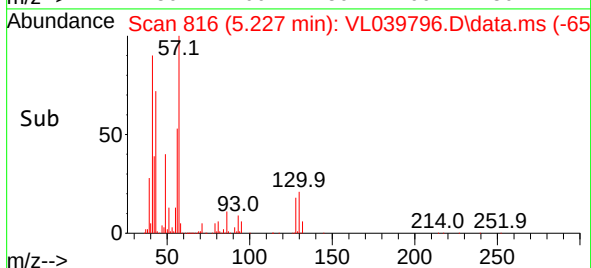
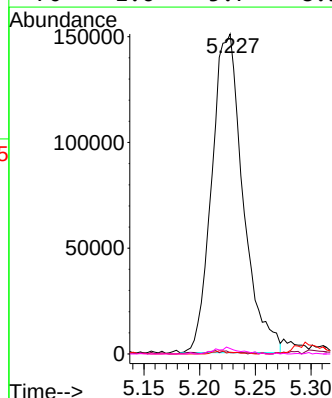
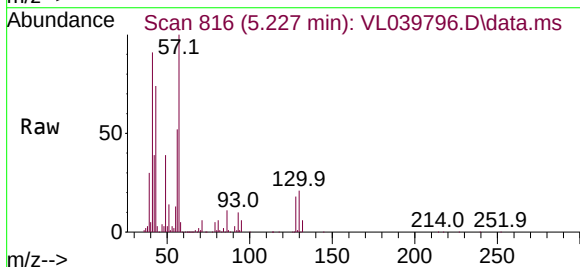
Instrument :
MSVOA_L
ClientSampleId :
O

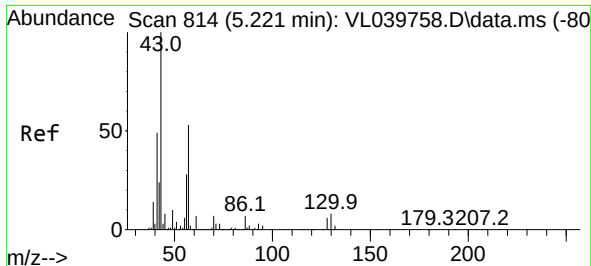
Tgt Ion: 63 Resp: 6539
Ion Ratio Lower Upper
63 100
98 7.9 2.1 6.3#
100 32.9 1.1 3.5#



#25
Ethyl Acetate
Concen: 1.646 ppbv
RT: 5.227 min Scan# 816
Delta R.T. 0.013 min
Lab File: VL039796.D
Acq: 25 Oct 2022 20:34

Tgt Ion: 43 Resp: 293072
Ion Ratio Lower Upper
43 100
45 1.1 8.2 12.2#
61 0.6 8.2 12.4#
70 1.6 5.7 8.5#

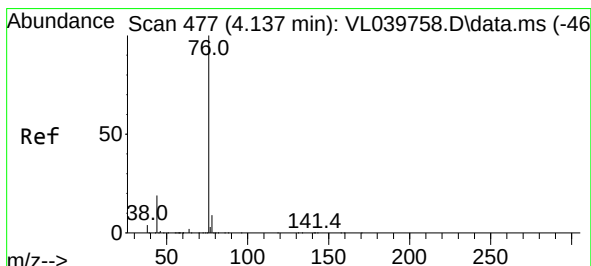
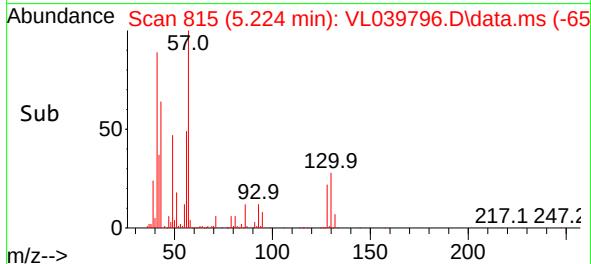
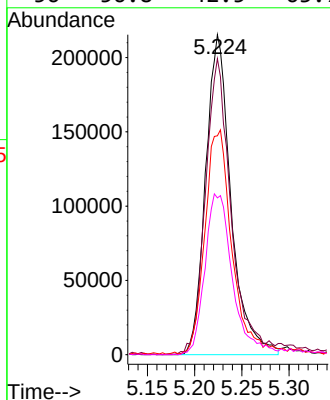
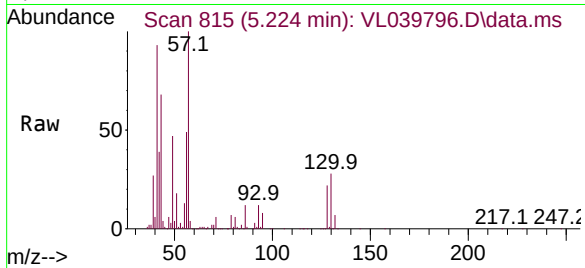




#26
Hexane
Concen: 5.437 ppbv
RT: 5.224 min Scan# 814
Delta R.T. 0.003 min
Lab File: VL039796.D
Acq: 25 Oct 2022 20:34

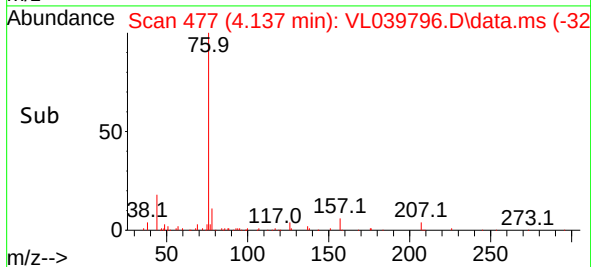
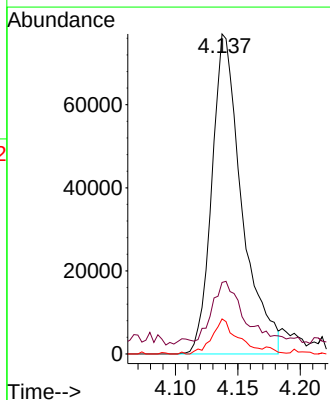
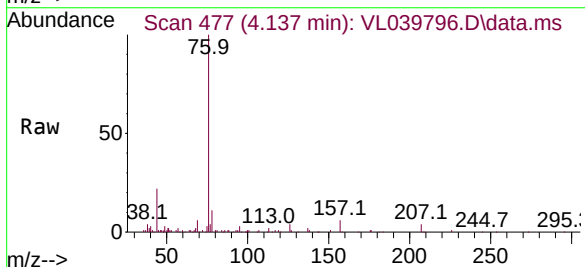
Instrument :
MSVOA_1
ClientSampleId :
O

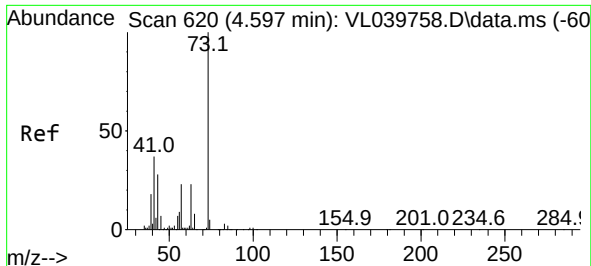
Tgt Ion: 57 Resp: 402613
Ion Ratio Lower Upper
57 100
41 99.4 76.1 114.1
43 75.7 197.1 295.7#
56 56.8 42.5 63.7



#27
Carbon Disulfide
Concen: 1.467 ppbv
RT: 4.137 min Scan# 477
Delta R.T. 0.000 min
Lab File: VL039796.D
Acq: 25 Oct 2022 20:34

Tgt Ion: 76 Resp: 129001
Ion Ratio Lower Upper
76 100
44 24.7 16.6 25.0
78 10.7 7.6 11.4





#28

Methyl tert-Butyl Ether

Concen: 0.128 ppbv

RT: 4.607 min Scan# 61

Delta R.T. 0.010 min

Lab File: VL039796.D

Acq: 25 Oct 2022 20:34

Instrument :

MSVOA_L

ClientSampleId :

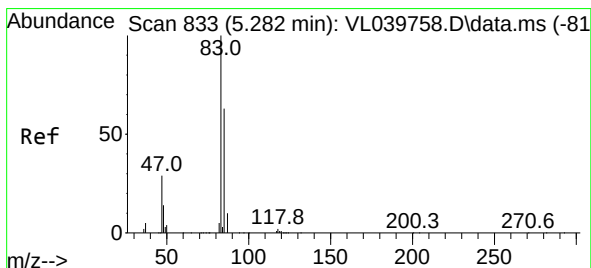
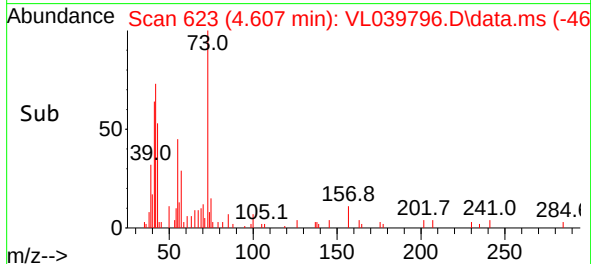
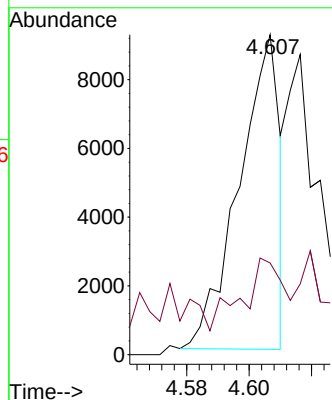
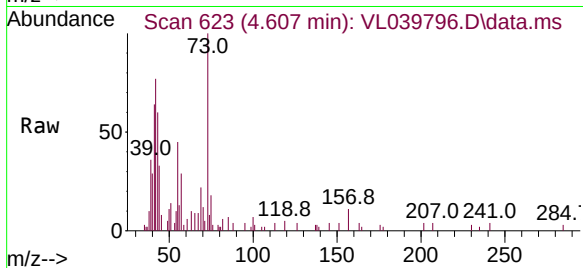
O

Tgt Ion: 73 Resp: 8266

Ion Ratio Lower Upper

73 100

57 0.0 19.1 28.7#



#29

Chloroform

Concen: 0.151 ppbv

RT: 5.285 min Scan# 834

Delta R.T. 0.003 min

Lab File: VL039796.D

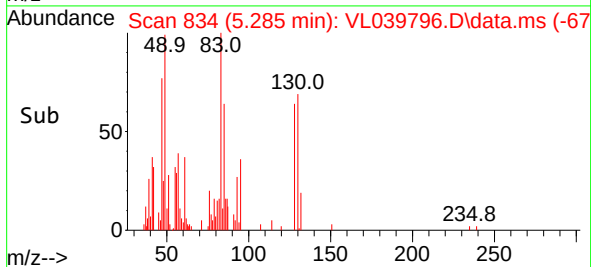
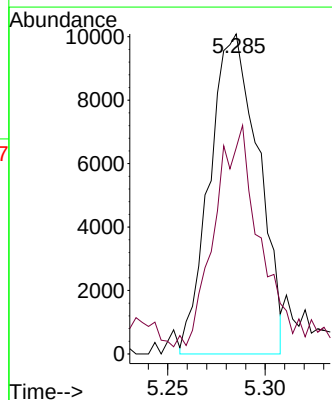
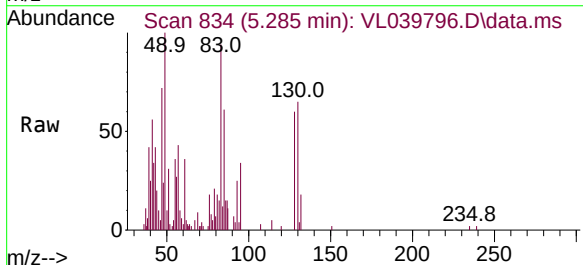
Acq: 25 Oct 2022 20:34

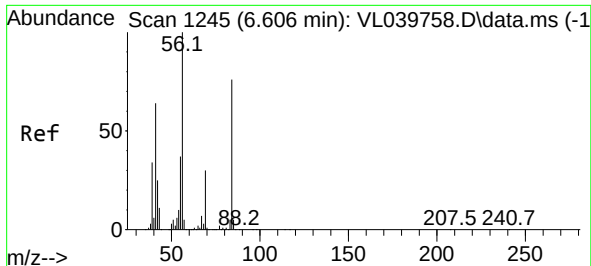
Tgt Ion: 83 Resp: 17572

Ion Ratio Lower Upper

83 100

85 59.8 50.4 75.6

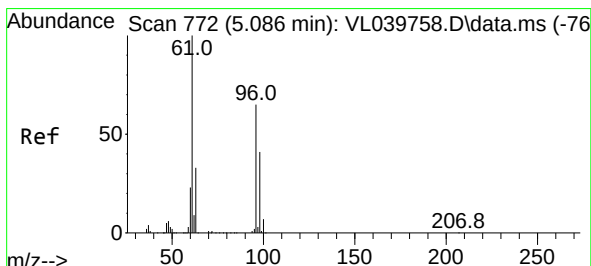
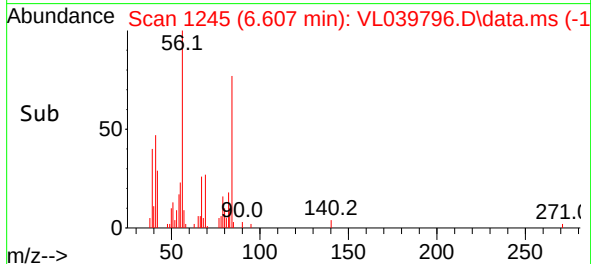
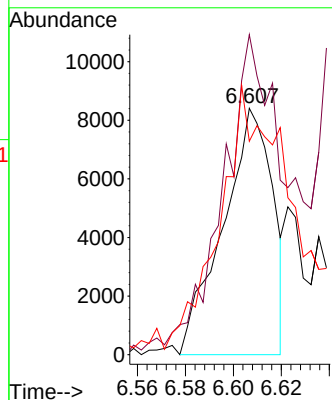
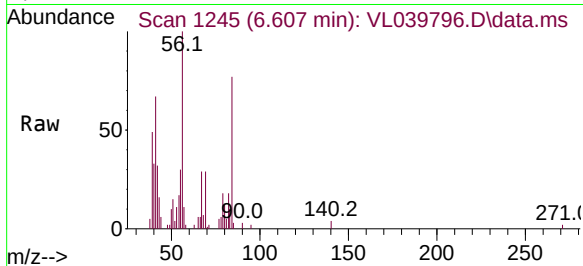




#30
Cyclohexane
Concen: 0.199 ppbv
RT: 6.607 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL039796.D
Acq: 25 Oct 2022 20:34

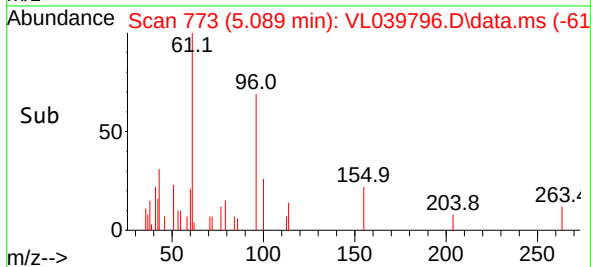
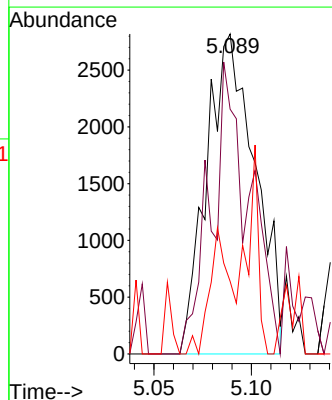
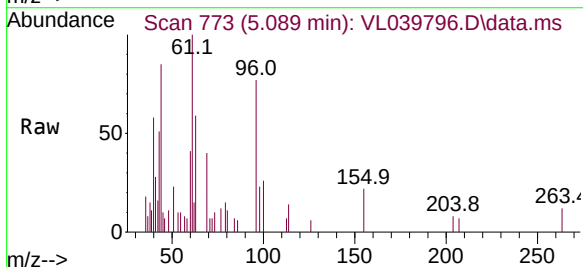
Instrument :
MSVOA_L
ClientSampleId :
O

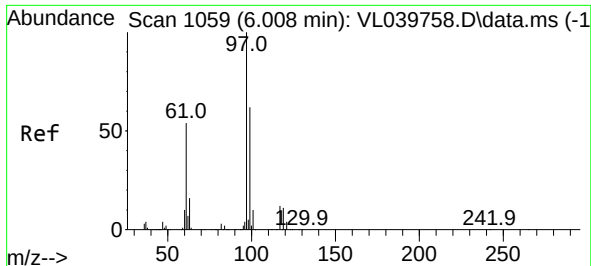
Tgt Ion: 84 Resp: 12076
Ion Ratio Lower Upper
84 100
56 169.3 111.8 167.6#
41 214.4 71.5 107.3#



#31
cis-1,2-Dichloroethene
Concen: 0.068 ppbv
RT: 5.089 min Scan# 773
Delta R.T. 0.003 min
Lab File: VL039796.D
Acq: 25 Oct 2022 20:34

Tgt Ion: 61 Resp: 4875
Ion Ratio Lower Upper
61 100
96 76.5 52.2 78.2
98 22.7 32.9 49.3#





#32

1,1,1-Trichloroethane

Concen: 0.569 ppbv

RT: 6.012 min Scan# 1059

Delta R.T. 0.003 min

Lab File: VL039796.D

Acq: 25 Oct 2022 20:34

Instrument :

MSVOA_L

ClientSampleId :

0

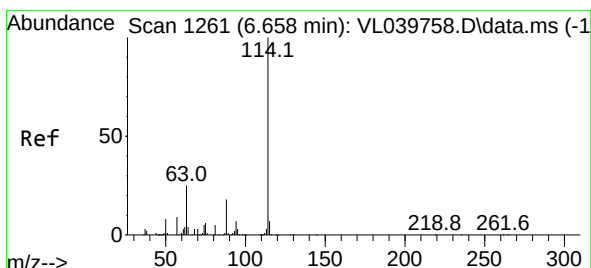
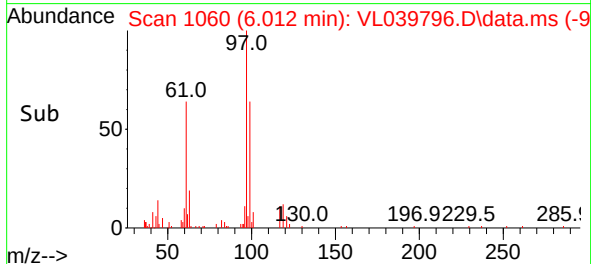
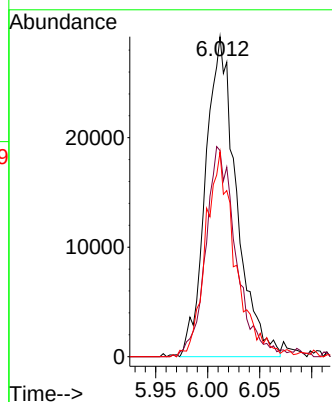
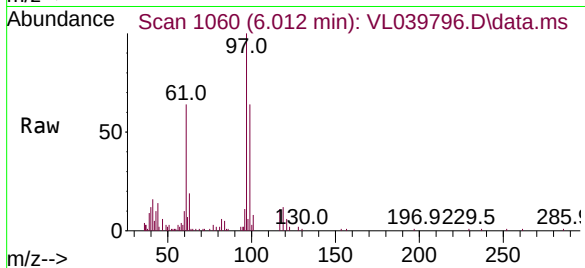
Tgt Ion: 97 Resp: 60129

Ion Ratio Lower Upper

97 100

99 65.7 52.2 78.4

61 62.2 43.2 64.8



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.661 min Scan# 1262

Delta R.T. 0.003 min

Lab File: VL039796.D

Acq: 25 Oct 2022 20:34

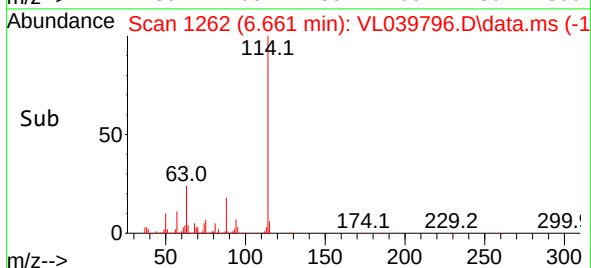
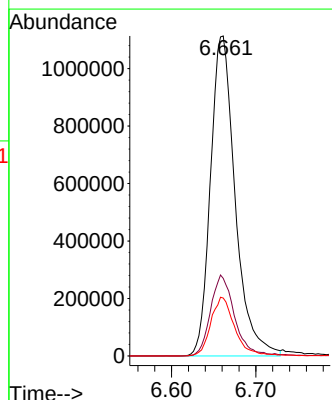
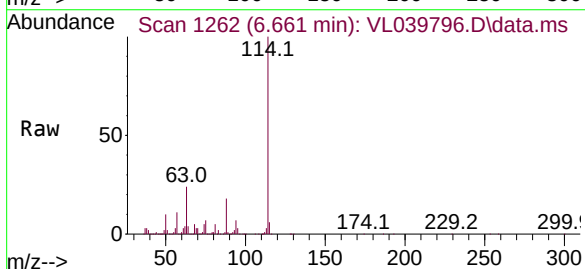
Tgt Ion: 114 Resp: 2266940

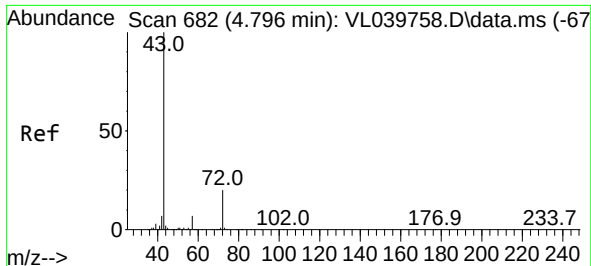
Ion Ratio Lower Upper

114 100

63 25.0 20.1 30.1

88 17.9 14.5 21.7

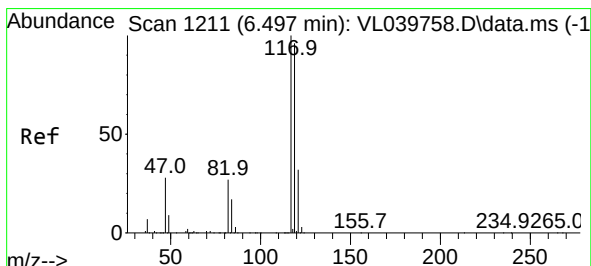
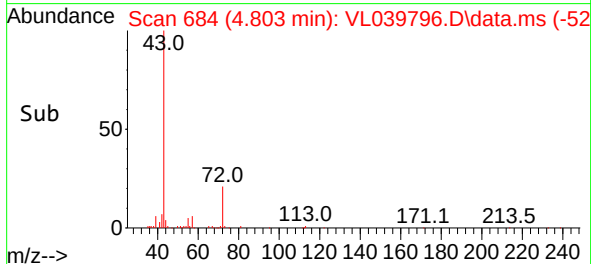
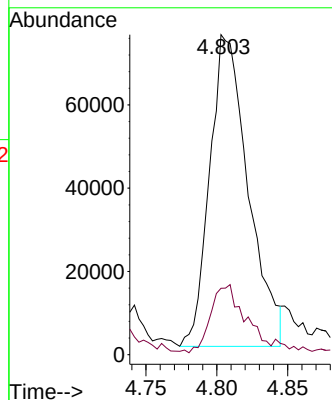
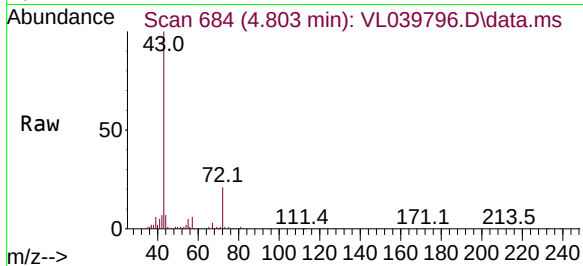




#34
2-Butanone
Concen: 1.331 ppbv
RT: 4.803 min Scan# 61
Delta R.T. 0.007 min
Lab File: VL039796.D
Acq: 25 Oct 2022 20:34

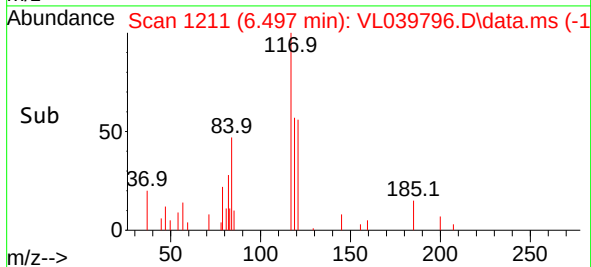
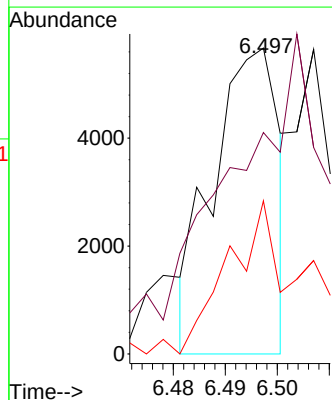
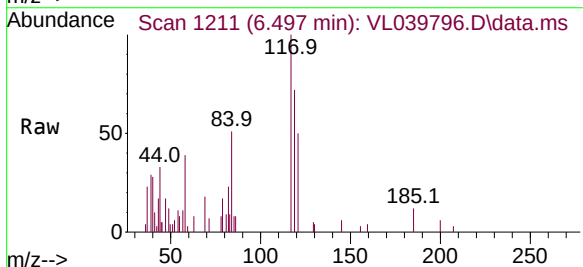
Instrument :
MSVOA_L
ClientSampleId :
O

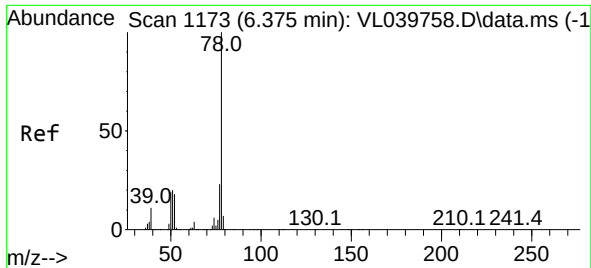
Tgt Ion: 43 Resp: 141935
Ion Ratio Lower Upper
43 100
72 24.8 16.5 24.7#



#35
Carbon Tetrachloride
Concen: 0.039 ppbv
RT: 6.497 min Scan# 1211
Delta R.T. 0.000 min
Lab File: VL039796.D
Acq: 25 Oct 2022 20:34

Tgt Ion: 117 Resp: 4988
Ion Ratio Lower Upper
117 100
119 52.7 76.6 115.0#
121 66.8 25.3 37.9#





#36

Benzene

Concen: 1.205 ppbv

RT: 6.378 min Scan# 1173

Delta R.T. 0.003 min

Lab File: VL039796.D

Acq: 25 Oct 2022 20:34

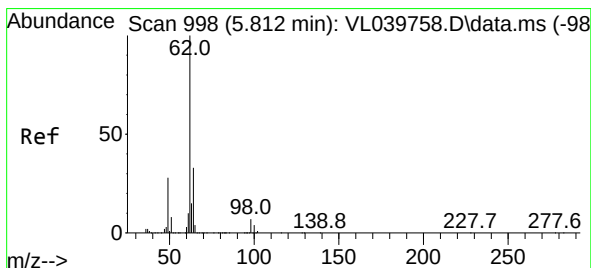
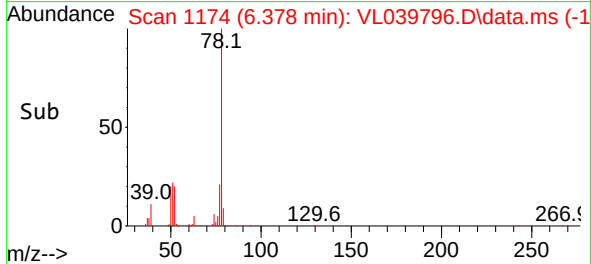
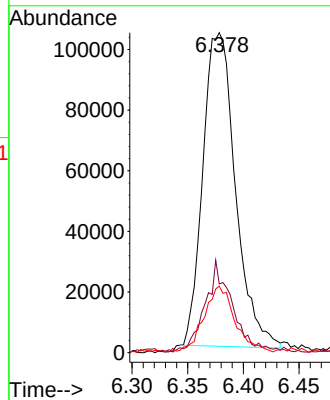
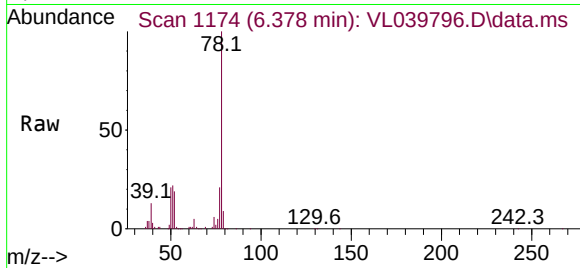
Instrument :

MSVOA_L

ClientSampleId :

0

Tgt Ion: 78	Resp: 210447
Ion Ratio	Lower Upper
78 100	
77 21.2	18.3 27.5
50 20.6	15.2 22.8



#37

1,2-Dichloroethane

Concen: 0.045 ppbv

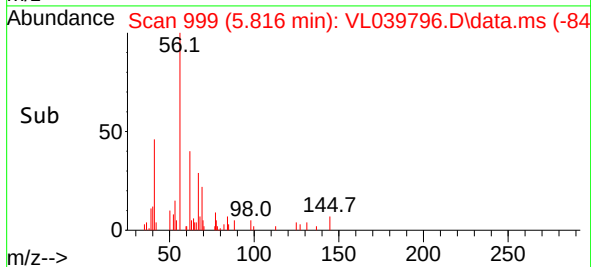
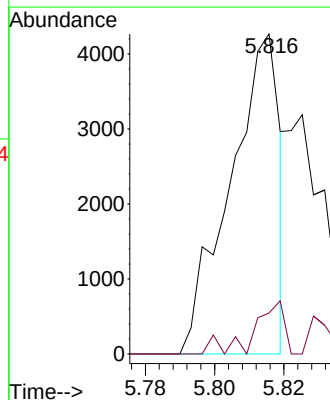
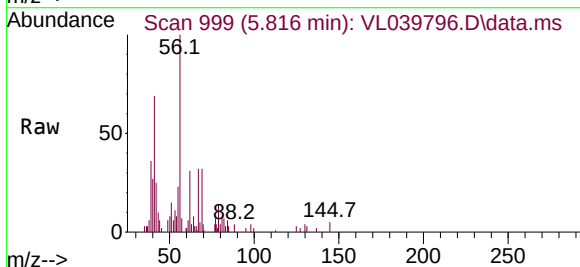
RT: 5.816 min Scan# 999

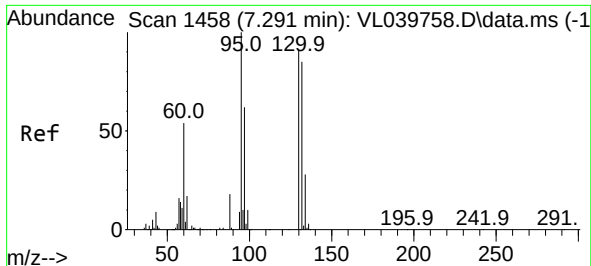
Delta R.T. 0.003 min

Lab File: VL039796.D

Acq: 25 Oct 2022 20:34

Tgt Ion: 62	Resp: 4222
Ion Ratio	Lower Upper
62 100	
98 15.0	5.2 7.8#

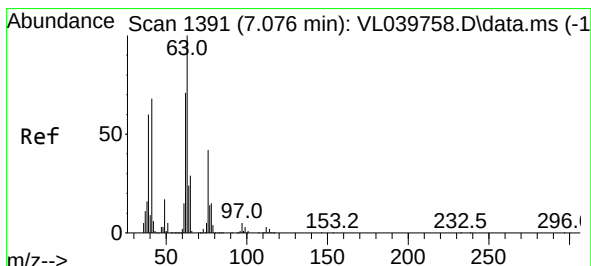
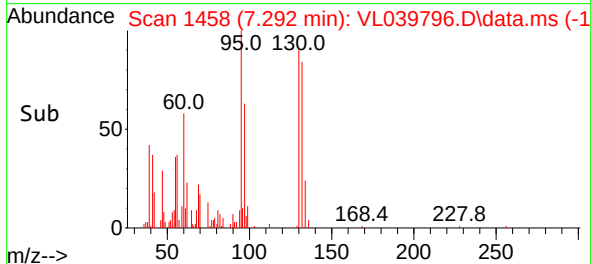
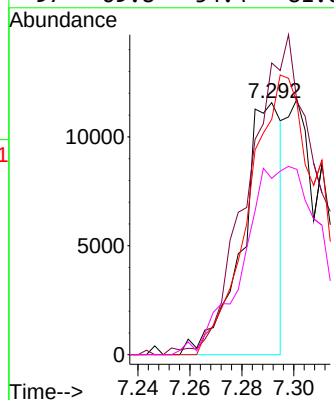
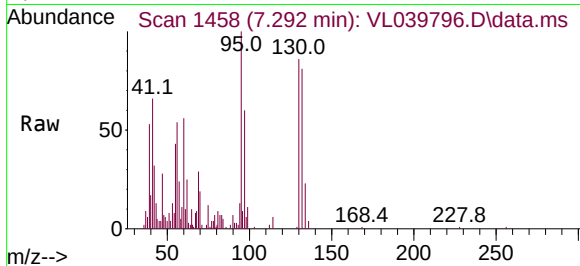




#38
 Trichloroethene
 Concen: 0.123 ppbv
 RT: 7.292 min Scan# 1458
 Delta R.T. 0.000 min
 Lab File: VL039796.D
 Acq: 25 Oct 2022 20:34

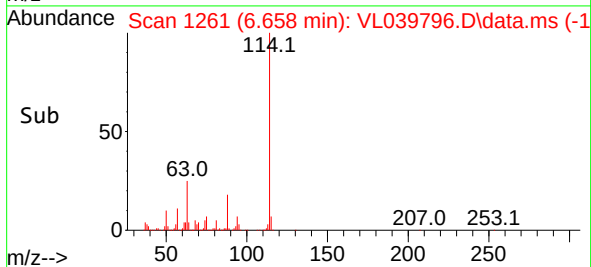
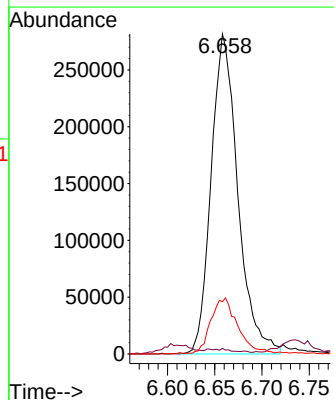
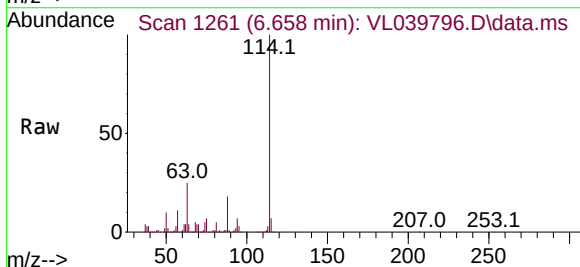
Instrument :
 MSVOA_L
 ClientSampleId :
 O

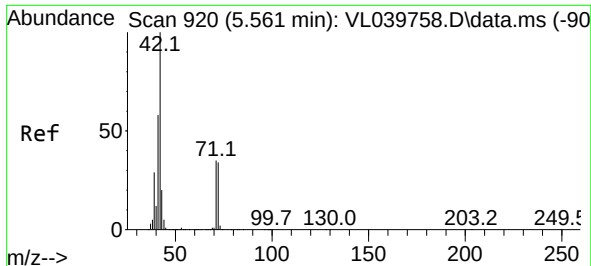
Tgt Ion:	130	Resp:	12111
Ion	Ratio	Lower	Upper
130	100		
95	116.4	88.1	132.1
132	95.5	75.2	112.8
97	69.8	54.4	81.6



#39
 1,2-Dichloropropane
 Concen: 8.234 ppbv
 RT: 6.658 min Scan# 1261
 Delta R.T. -0.418 min
 Lab File: VL039796.D
 Acq: 25 Oct 2022 20:34

Tgt Ion:	63	Resp:	553777
Ion	Ratio	Lower	Upper
63	100		
41	0.0	54.5	81.7#
62	15.9	56.6	85.0#

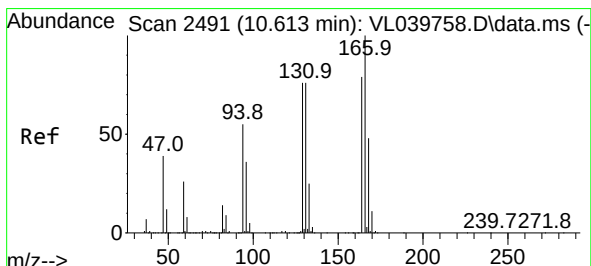
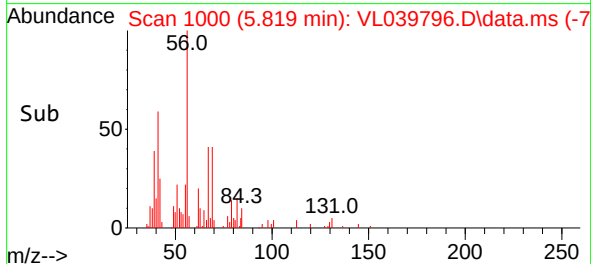
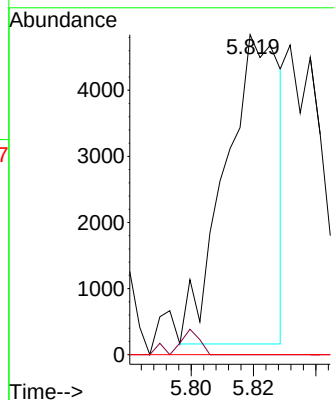
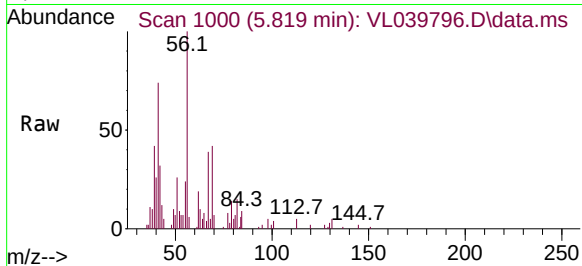




#41
Tetrahydrofuran
Concen: 0.085 ppbv
RT: 5.819 min Scan# 10
Delta R.T. 0.257 min
Lab File: VL039796.D
Acq: 25 Oct 2022 20:34

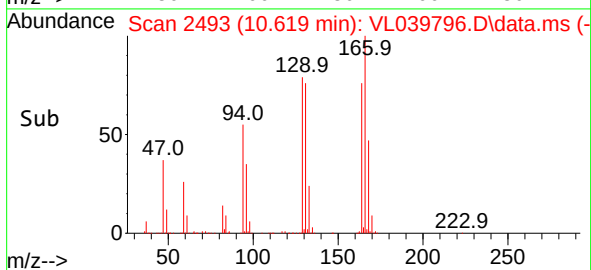
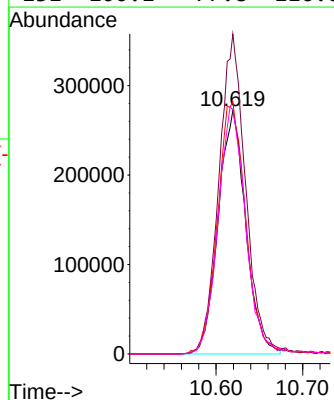
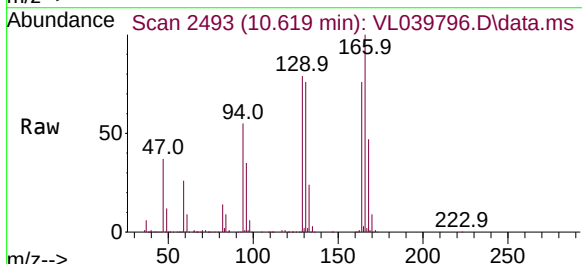
Instrument :
MSVOA_L
ClientSampleId :
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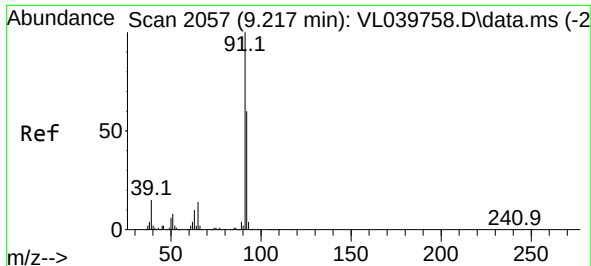
Tgt Ion: 42 Resp: 5665
Ion Ratio Lower Upper
42 100
72 3.3 29.9 44.9#
71 0.0 29.2 43.8#



#52
Tetrachloroethene
Concen: 9.167 ppbv
RT: 10.619 min Scan# 2493
Delta R.T. 0.007 min
Lab File: VL039796.D
Acq: 25 Oct 2022 20:34

Tgt Ion: 164 Resp: 599492
Ion Ratio Lower Upper
164 100
166 131.4 101.8 152.6
129 103.8 77.5 116.3
131 100.1 77.8 116.8

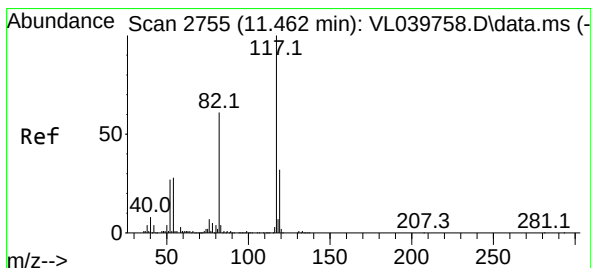
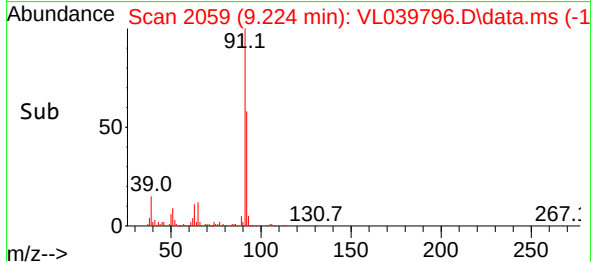
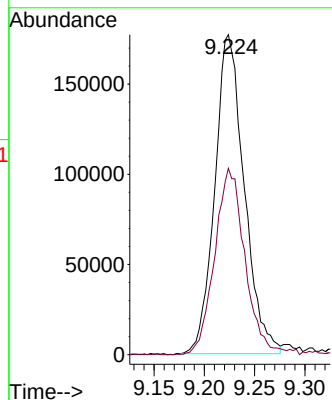
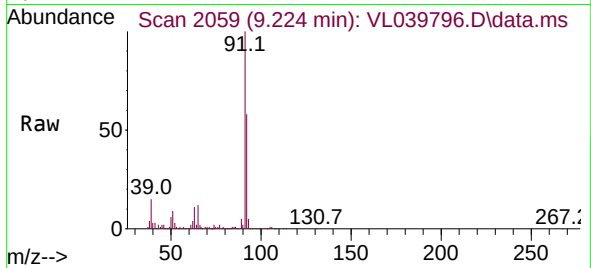




#53
Toluene
Concen: 1.969 ppbv
RT: 9.224 min Scan# 2059
Delta R.T. 0.007 min
Lab File: VL039796.D
Acq: 25 Oct 2022 20:34

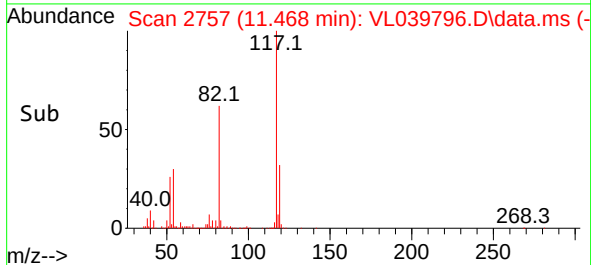
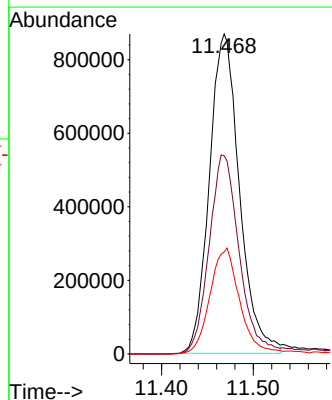
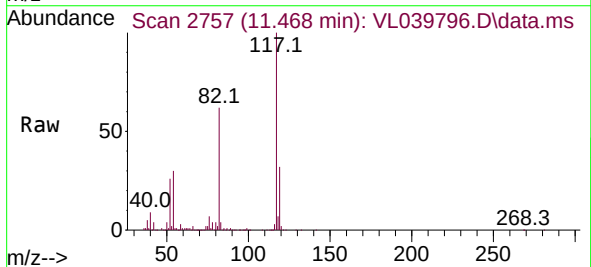
Instrument :
MSVOA_L
ClientSampleId :
O

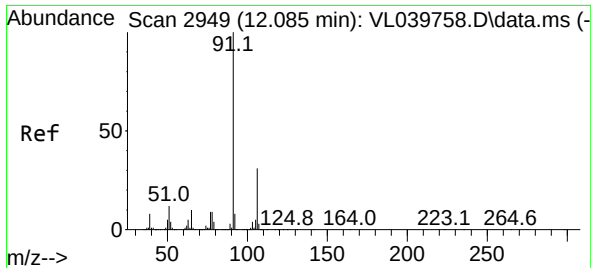
Tgt Ion: 91 Resp: 360176
Ion Ratio Lower Upper
91 100
92 61.6 48.0 72.0



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.468 min Scan# 2757
Delta R.T. 0.007 min
Lab File: VL039796.D
Acq: 25 Oct 2022 20:34

Tgt Ion: 117 Resp: 1981263
Ion Ratio Lower Upper
117 100
82 65.6 49.9 74.9
119 34.0 25.2 37.8

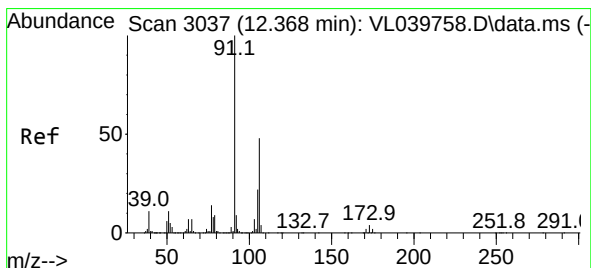
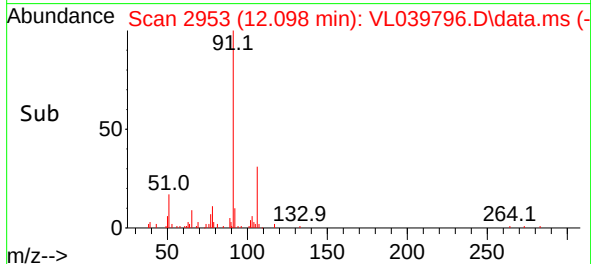
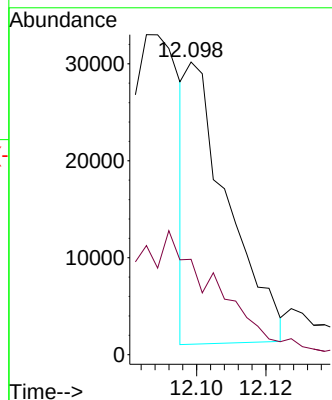
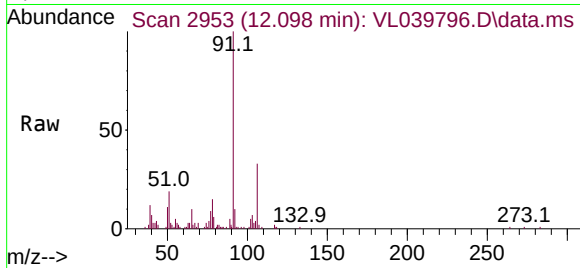




#58
Ethyl Benzene
Concen: 0.107 ppbv
RT: 12.098 min Scan# 2949
Delta R.T. 0.013 min
Lab File: VL039796.D
Acq: 25 Oct 2022 20:34

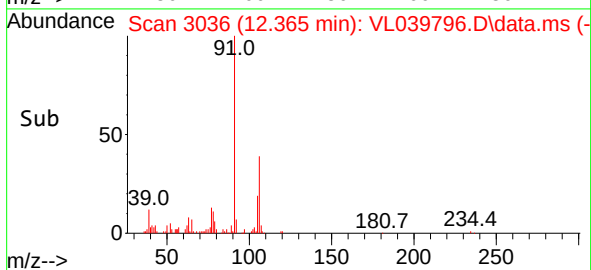
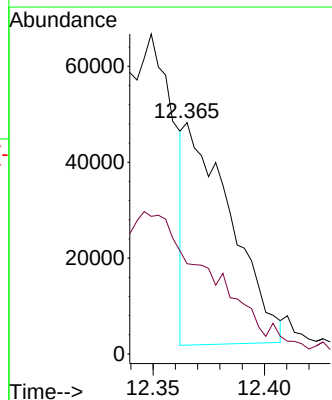
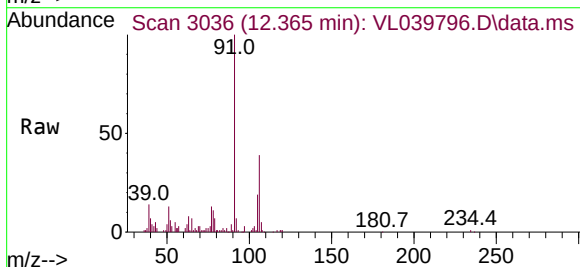
Instrument :
MSVOA_1
ClientSampleId :
O

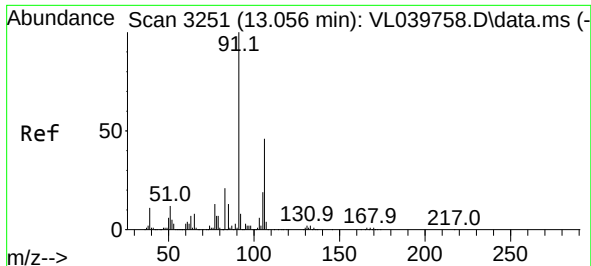
Tgt Ion: 91 Resp: 24106
Ion Ratio Lower Upper
91 100
106 32.2 24.6 36.8



#59
m/p-Xylene
Concen: 0.328 ppbv
RT: 12.365 min Scan# 3036
Delta R.T. -0.003 min
Lab File: VL039796.D
Acq: 25 Oct 2022 20:34

Tgt Ion: 91 Resp: 66878
Ion Ratio Lower Upper
91 100
106 0.0 36.4 54.6#

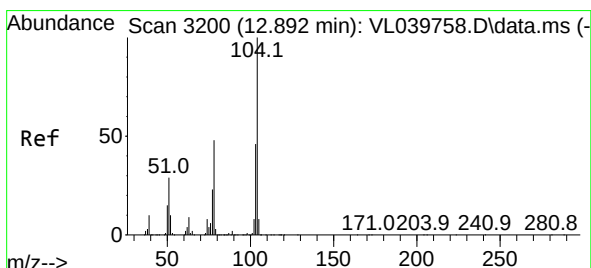
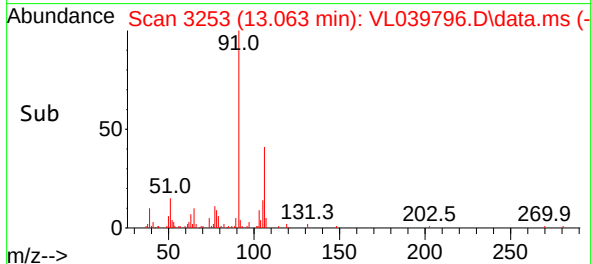
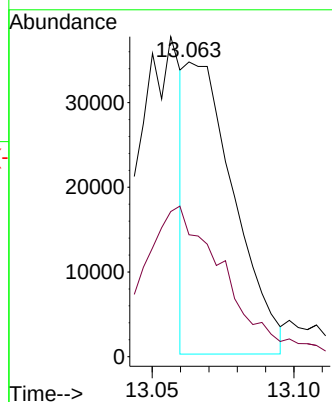
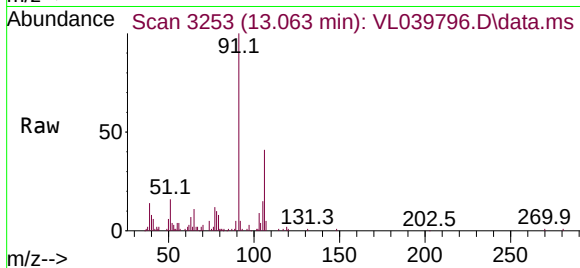




#60
o-Xylene
Concen: 0.214 ppbv
RT: 13.063 min Scan# 31
Delta R.T. 0.007 min
Lab File: VL039796.D
Acq: 25 Oct 2022 20:34

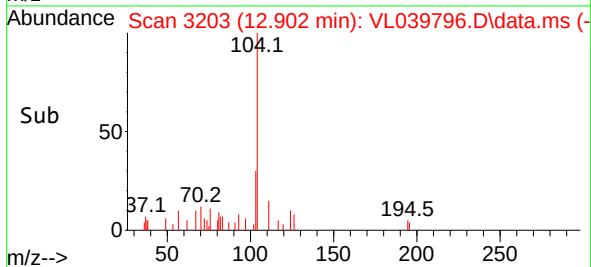
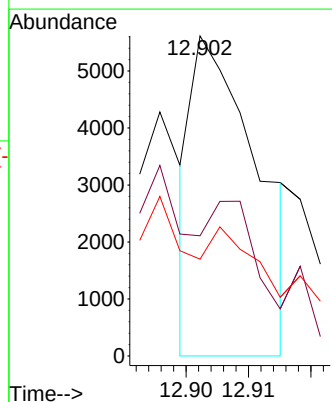
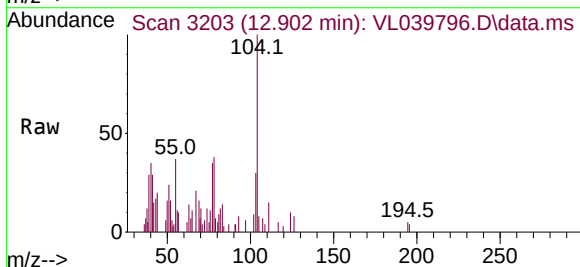
Instrument :
MSVOA_L
ClientSampleId :
O

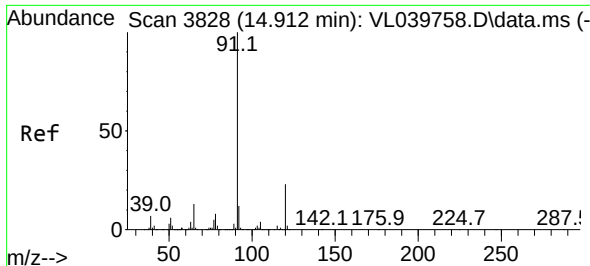
Tgt Ion: 91 Resp: 40820
Ion Ratio Lower Upper
91 100
106 98.9 22.9 68.8#



#61
Styrene
Concen: 0.040 ppbv
RT: 12.902 min Scan# 3203
Delta R.T. 0.010 min
Lab File: VL039796.D
Acq: 25 Oct 2022 20:34

Tgt Ion: 104 Resp: 4051
Ion Ratio Lower Upper
104 100
78 0.0 39.9 59.9#
103 0.0 38.8 58.2#

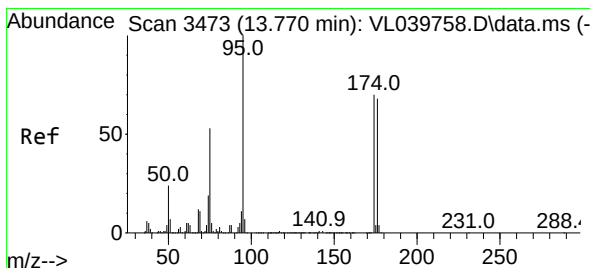
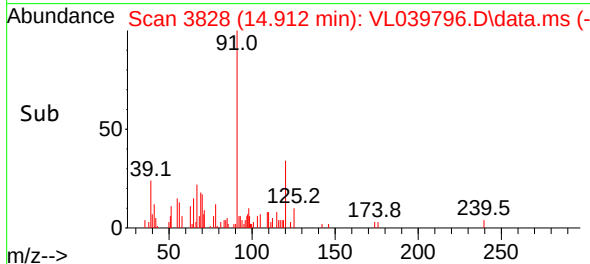
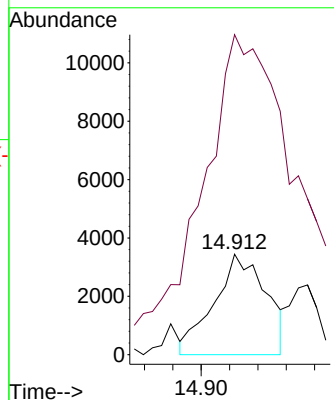
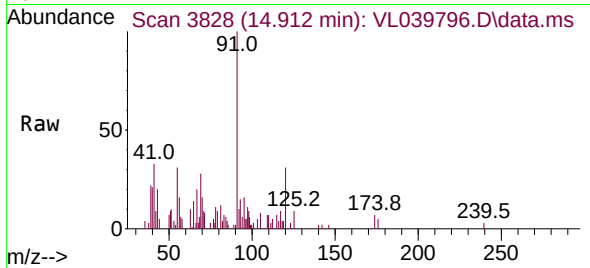




#64
n-propylbenzene
Concen: 0.059 ppbv
RT: 14.912 min Scan# 3828
Delta R.T. 0.000 min
Lab File: VL039796.D
Acq: 25 Oct 2022 20:34

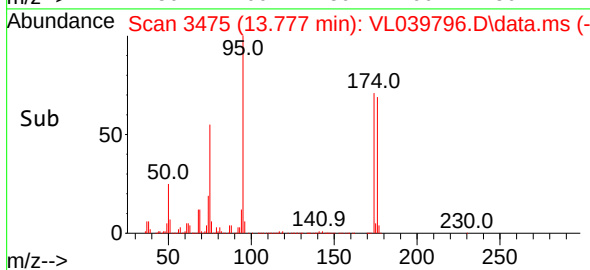
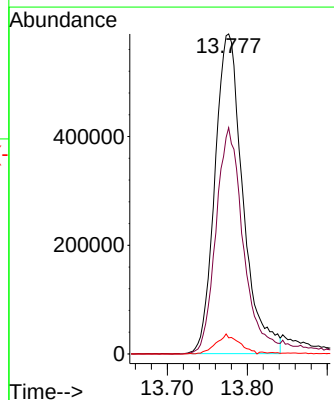
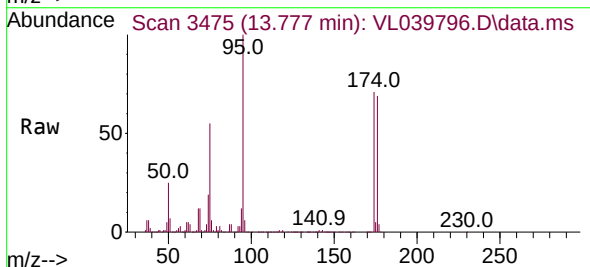
Instrument :
MSVOA_L
ClientSampleId :
O

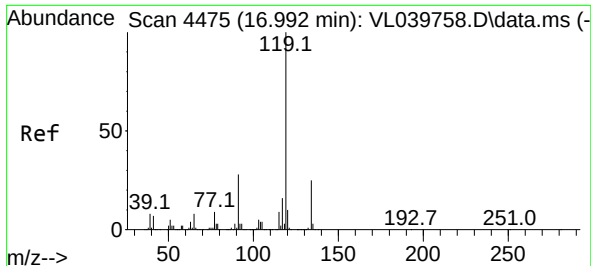
Tgt Ion:120 Resp: 4382
Ion Ratio Lower Upper
120 100
91 505.6 386.6 579.8



#68
1-Bromo-4-Fluorobenzene
Concen: 10.161 ppbv
RT: 13.777 min Scan# 3475
Delta R.T. 0.007 min
Lab File: VL039796.D
Acq: 25 Oct 2022 20:34

Tgt Ion: 95 Resp: 1432115
Ion Ratio Lower Upper
95 100
174 73.9 57.3 85.9
175 5.8 4.2 6.2

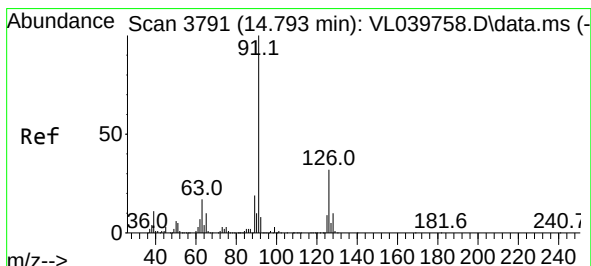
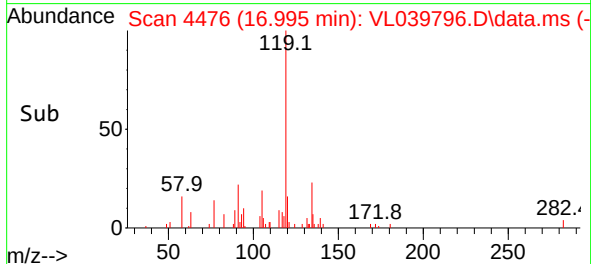
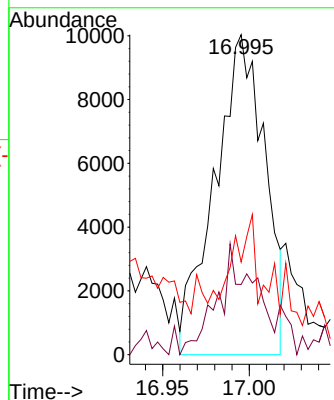
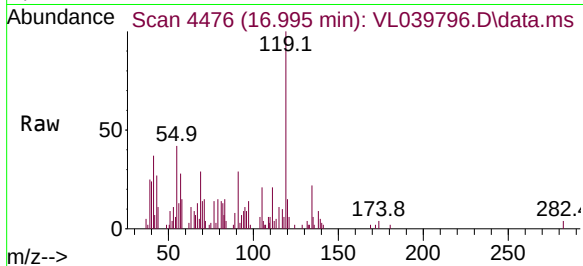




#69
p-Isopropyltoluene
Concen: 0.070 ppbv
RT: 16.995 min Scan# 4475
Delta R.T. 0.003 min
Lab File: VL039796.D
Acq: 25 Oct 2022 20:34

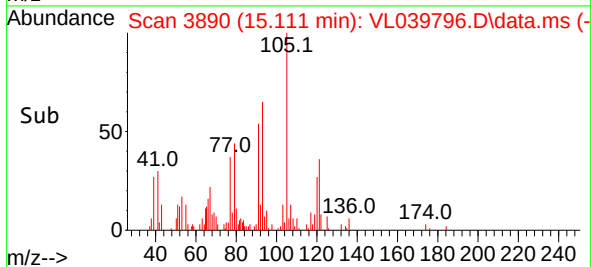
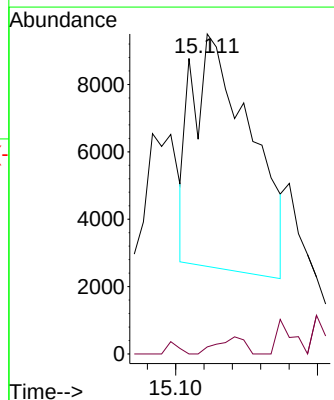
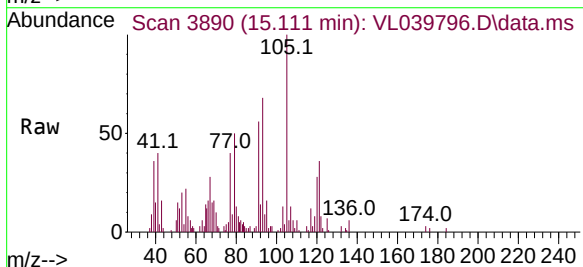
Instrument :
MSVOA_L
ClientSampleId :
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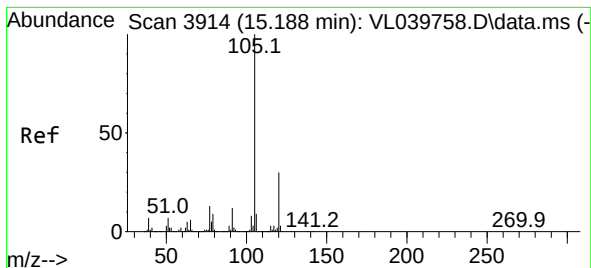
Tgt Ion:119 Resp: 20145
Ion Ratio Lower Upper
119 100
134 33.3 19.8 29.6#
91 46.2 22.2 33.2#



#71
2-Chlorotoluene
Concen: 0.049 ppbv
RT: 15.111 min Scan# 3890
Delta R.T. 0.318 min
Lab File: VL039796.D
Acq: 25 Oct 2022 20:34

Tgt Ion: 91 Resp: 9876
Ion Ratio Lower Upper
91 100
126 36.6 13.0 52.0

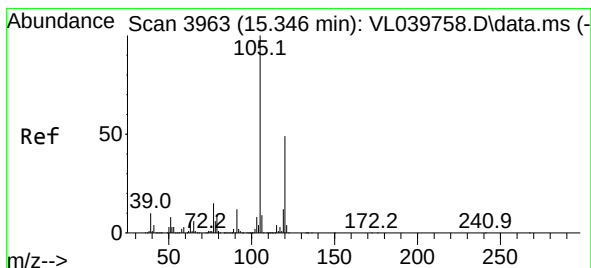
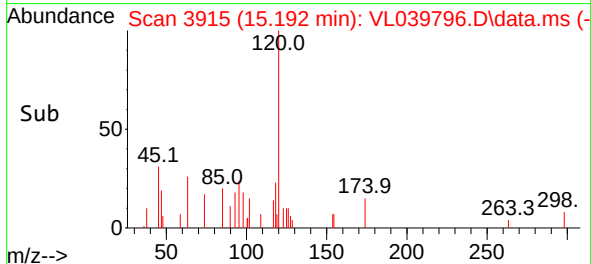
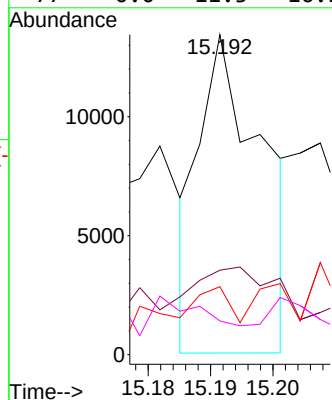
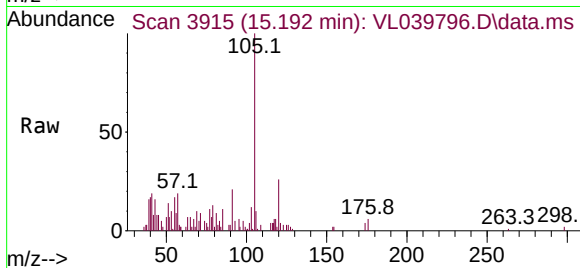




#72
4-Ethyltoluene
Concen: 0.042 ppbv
RT: 15.192 min Scan# 3915
Delta R.T. 0.003 min
Lab File: VL039796.D
Acq: 25 Oct 2022 20:34

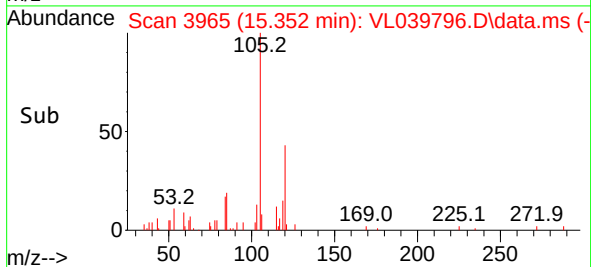
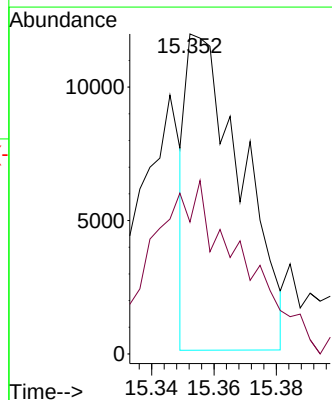
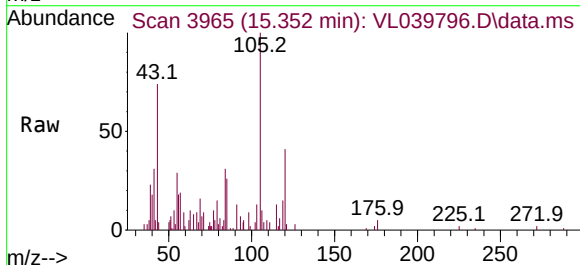
Instrument :
MSVOA_1
ClientSampleId :
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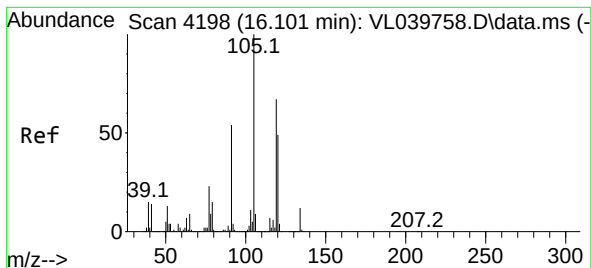
Tgt Ion:105 Resp: 9323
Ion Ratio Lower Upper
105 100
120 110.8 25.0 37.6#
91 0.0 10.2 15.2#
77 0.0 11.3 16.9#



#73
1,3,5-Trimethylbenzene
Concen: 0.074 ppbv
RT: 15.352 min Scan# 3965
Delta R.T. 0.007 min
Lab File: VL039796.D
Acq: 25 Oct 2022 20:34

Tgt Ion:105 Resp: 14517
Ion Ratio Lower Upper
105 100
120 35.1 39.0 58.6#





#74

1,2,4-Trimethylbenzene

Concen: 0.246 ppbv

RT: 16.111 min Scan# 4198

Delta R.T. 0.010 min

Lab File: VL039796.D

Acq: 25 Oct 2022 20:34

Instrument :

MSVOA_L

ClientSampleId :

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Tgt Ion:105 Resp: 54835

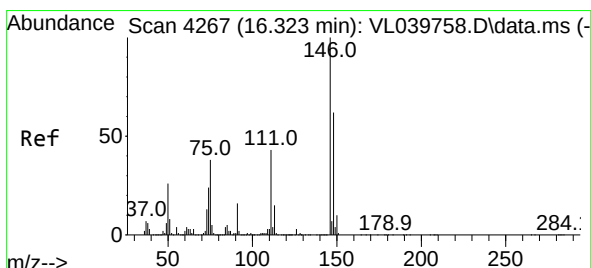
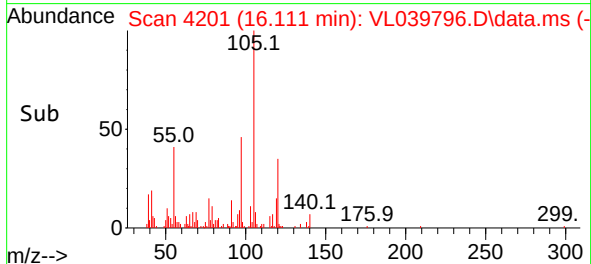
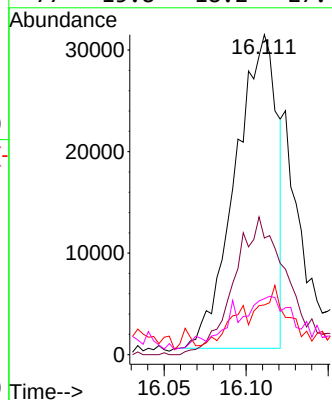
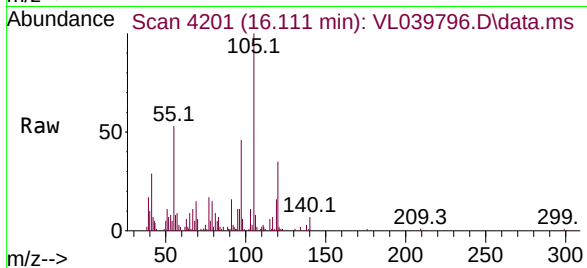
Ion Ratio Lower Upper

105 100

120 37.2 39.6 59.4#

91 12.4 42.9 64.3#

77 15.8 18.2 27.4#



#75

1,3-Dichlorobenzene

Concen: 0.058 ppbv

RT: 16.336 min Scan# 4271

Delta R.T. 0.013 min

Lab File: VL039796.D

Acq: 25 Oct 2022 20:34

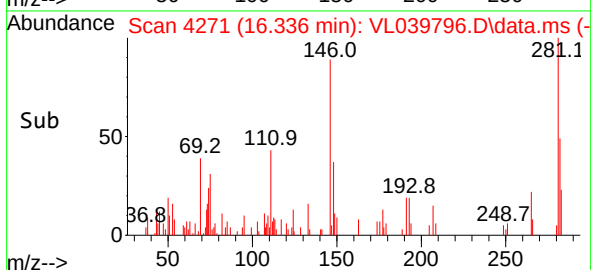
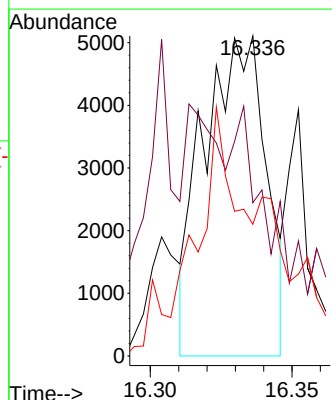
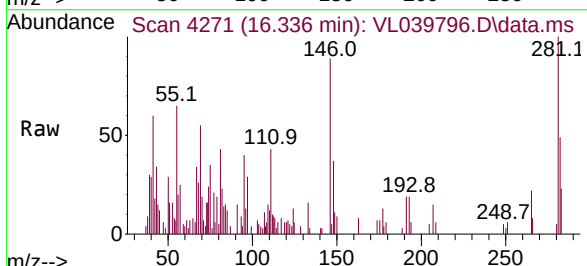
Tgt Ion:146 Resp: 7800

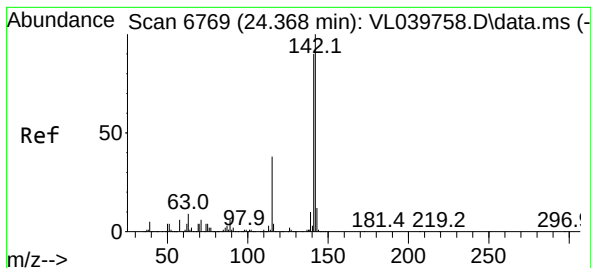
Ion Ratio Lower Upper

146 100

111 0.0 22.4 67.3#

148 100.2 32.4 97.0#





#80

Naphthalene, 2-methyl-

Concen: 0.109 ppbv

RT: 24.381 min Scan# 61

Delta R.T. 0.013 min

Lab File: VL039796.D

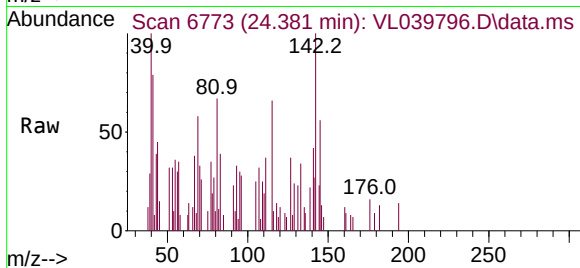
Acq: 25 Oct 2022 20:34

Instrument :

MSVOA_L

ClientSampleId :

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Tgt Ion: 142 Resp: 5041

Ion Ratio Lower Upper

142 100

141 85.7 65.7 98.5

115 82.4 28.3 42.5#

