

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101022\
 Data File : VL039702.D
 Acq On : 10 Oct 2022 18:56
 Operator : SY/AP
 Sample : N5040-03 2X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SVP-03

Quant Time: Oct 11 07:20:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Sep 19 14:26:28 2022
 Response via : Initial Calibration

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

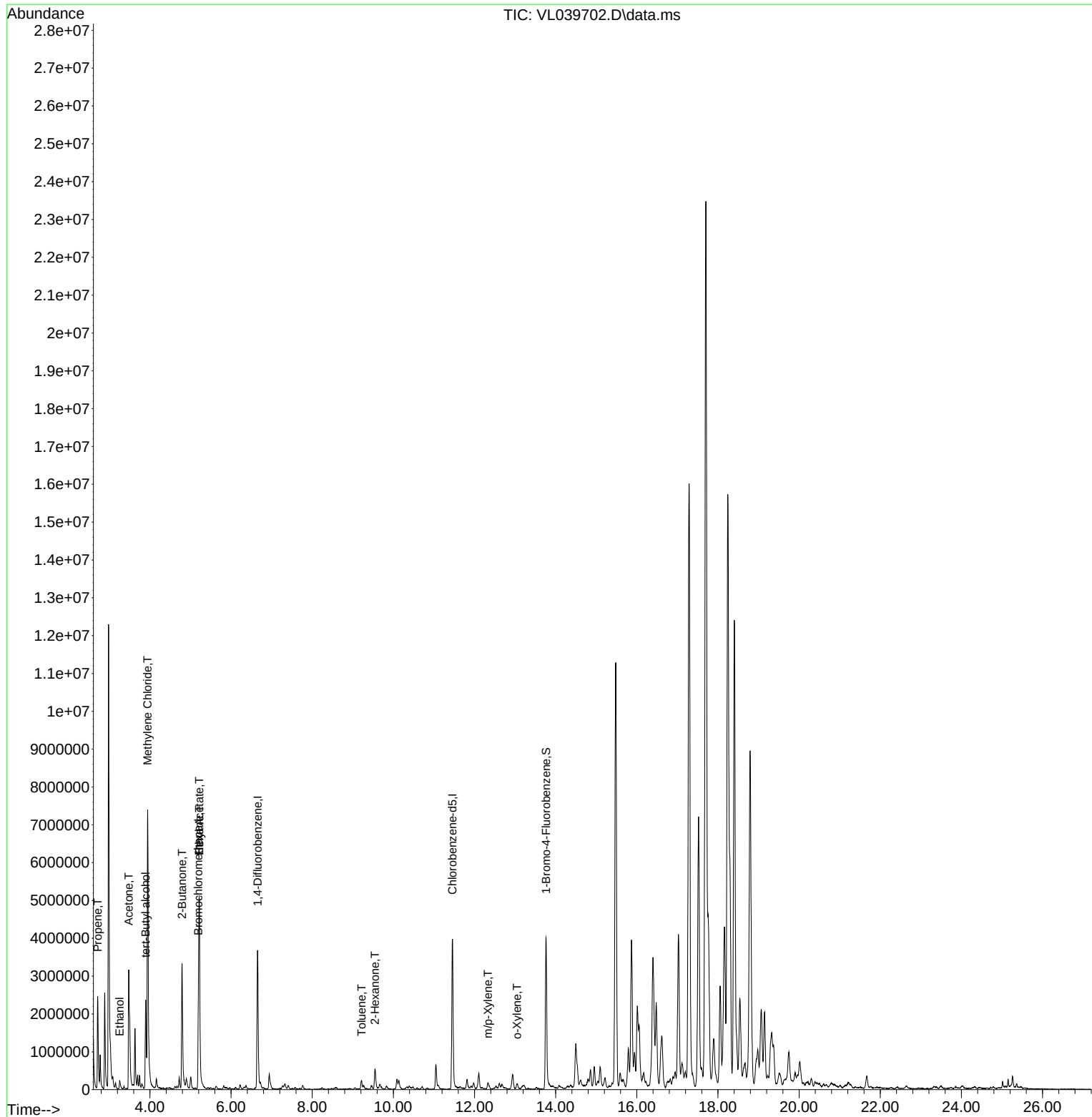
Internal Standards						
1) Bromochloromethane	5.195	49	1169668	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	6.655	114	2954046	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.455	117	2672003	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.764	95	2015641	10.105	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	= 101.100%	
Target Compounds						
						Qvalue
9) Propene	2.713	41	1123249	17.718	ppbv	96
13) Ethanol	3.253	45	240579	49.806	ppbv	73
15) Acetone	3.478	43	3464321	26.617	ppbv #	43
17) tert-Butyl alcohol	3.893	59	2092009	17.911	ppbv	99
20) Methylene Chloride	3.944	84	2683146	44.588	ppbv	95
25) Ethyl Acetate	5.218	43	1417860	4.996	ppbv #	75
26) Hexane	5.218	57	1964542	16.312	ppbv #	39
34) 2-Butanone	4.793	43	4270632	29.433	ppbv	96
51) 2-Hexanone	9.549	43	506612	3.002	ppbv	97
53) Toluene	9.217	91	175875	0.700	ppbv	94
59) m/p-Xylene	12.330	91	165880m	0.605	ppbv	
60) o-Xylene	13.050	91	92977m	0.355	ppbv	

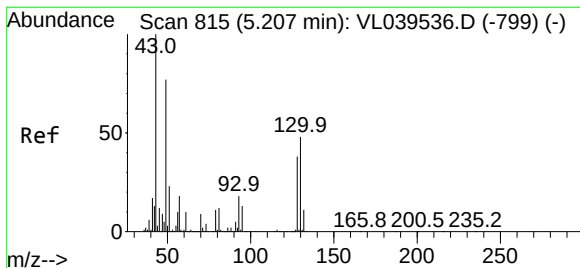
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 11 07:20:04 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091922AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
QLast Update : Mon Sep 19 14:26:28 2022
Response via : Initial Calibration

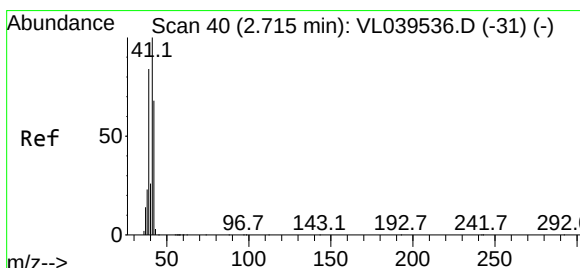
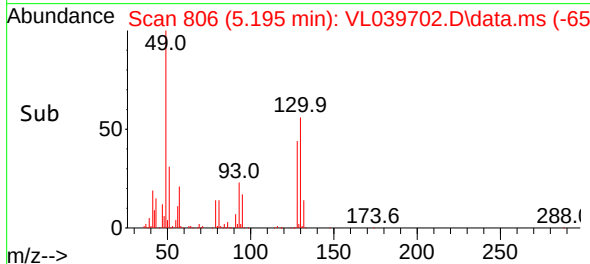
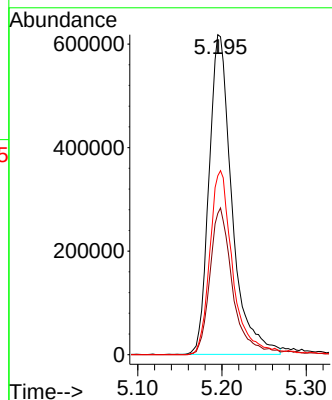
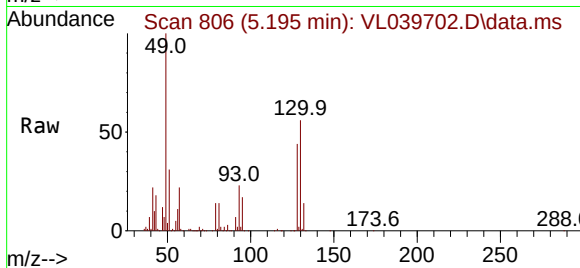




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 80
Delta R.T. -0.012 min
Lab File: VL039702.D
Acq: 10 Oct 2022 18:56

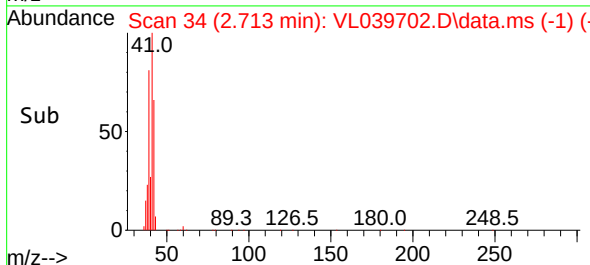
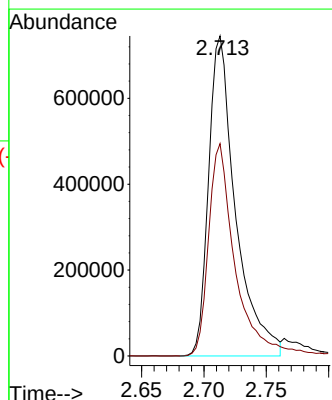
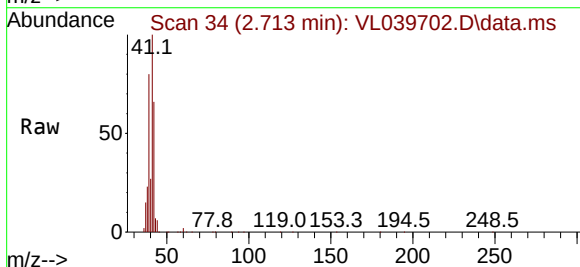
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MSVOA_L
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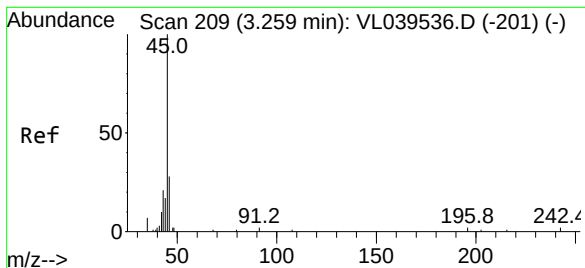
Tgt Ion: 49 Resp: 1169668
Ion Ratio Lower Upper
49 100
128 46.8 26.7 80.0
130 59.0 34.3 102.8



#9
Propene
Concen: 17.718 ppbv
RT: 2.713 min Scan# 34
Delta R.T. -0.002 min
Lab File: VL039702.D
Acq: 10 Oct 2022 18:56

Tgt Ion: 41 Resp: 1123249
Ion Ratio Lower Upper
41 100
42 66.1 55.2 82.8

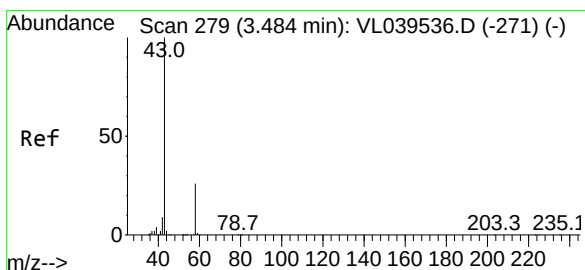
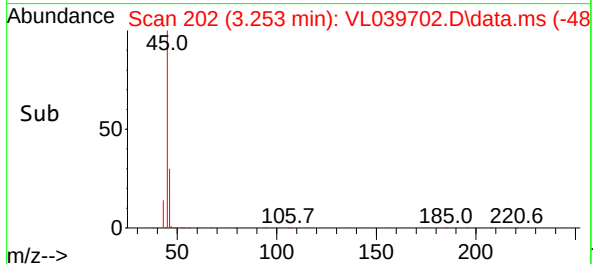
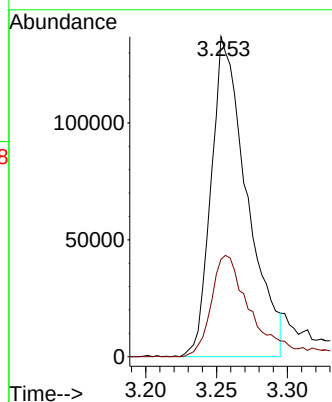
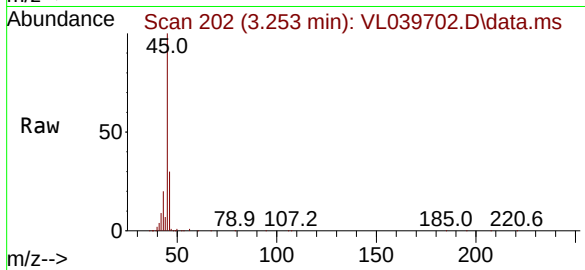




#13
Ethanol
Concen: 49.806 ppbv
RT: 3.253 min Scan# 209
Delta R.T. -0.006 min
Lab File: VL039702.D
Acq: 10 Oct 2022 18:56

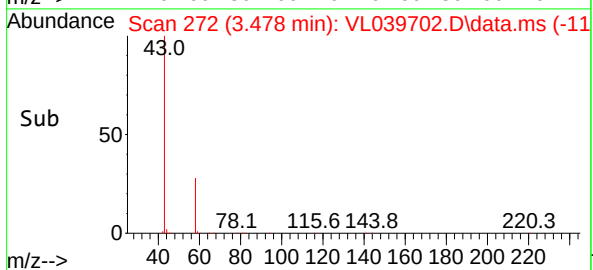
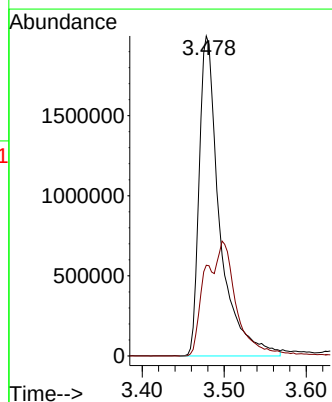
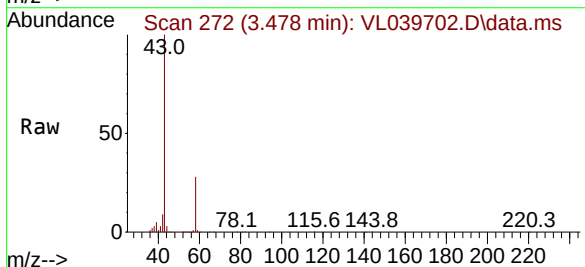
Instrument :
MSVOA_L
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SVP-03

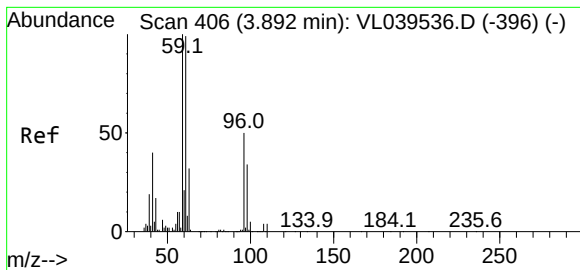
Tgt Ion: 45 Resp: 240579
Ion Ratio Lower Upper
45 100
46 37.4 22.8 91.2



#15
Acetone
Concen: 26.617 ppbv
RT: 3.478 min Scan# 272
Delta R.T. -0.006 min
Lab File: VL039702.D
Acq: 10 Oct 2022 18:56

Tgt Ion: 43 Resp: 3464321
Ion Ratio Lower Upper
43 100
58 55.6 21.0 31.6#

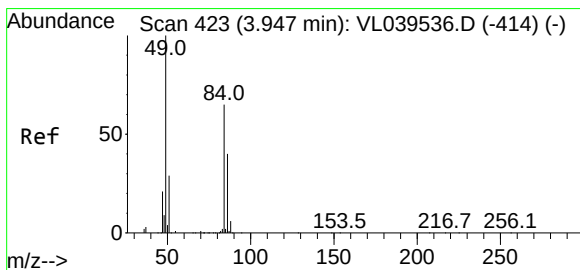
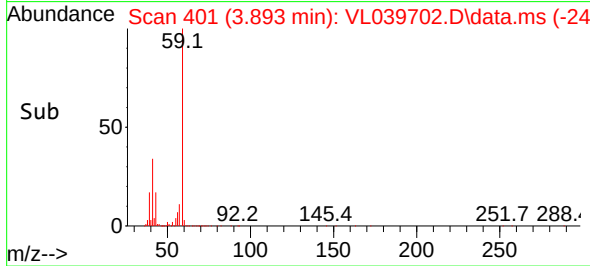
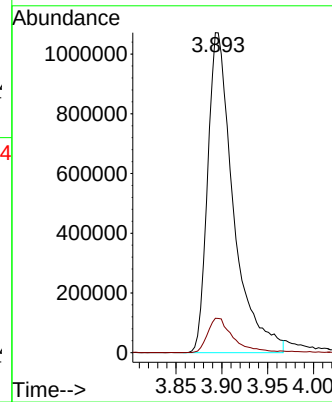
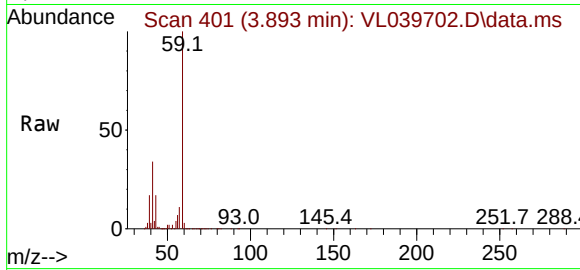




#17
tert-Butyl alcohol
Concen: 17.911 ppbv
RT: 3.893 min Scan# 406
Delta R.T. 0.001 min
Lab File: VL039702.D
Acq: 10 Oct 2022 18:56

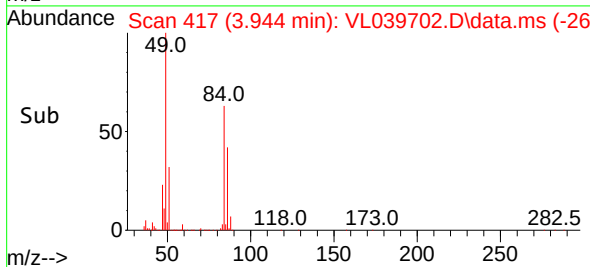
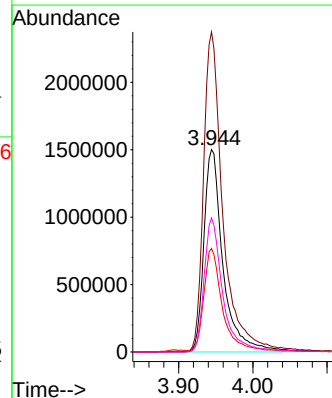
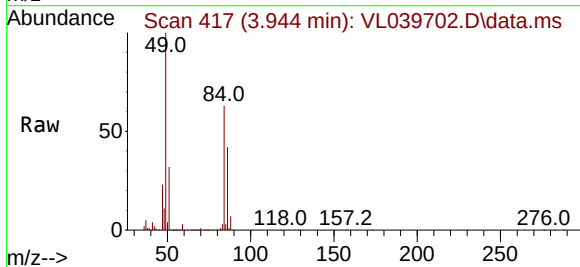
Instrument :
MSVOA_L
ClientSampleId :
SVP-03

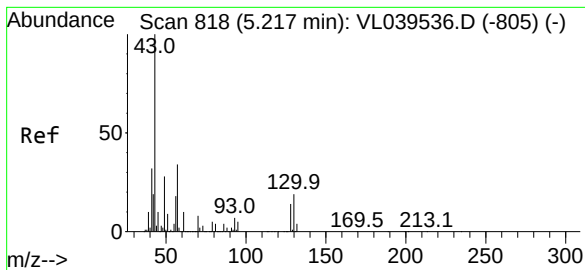
Tgt Ion: 59 Resp: 2092009
Ion Ratio Lower Upper
59 100
57 11.2 8.7 13.1



#20
Methylene Chloride
Concen: 44.588 ppbv
RT: 3.944 min Scan# 417
Delta R.T. -0.002 min
Lab File: VL039702.D
Acq: 10 Oct 2022 18:56

Tgt Ion: 84 Resp: 2683146
Ion Ratio Lower Upper
84 100
49 157.8 123.1 184.7
51 50.7 34.4 51.6
86 66.3 51.1 76.7

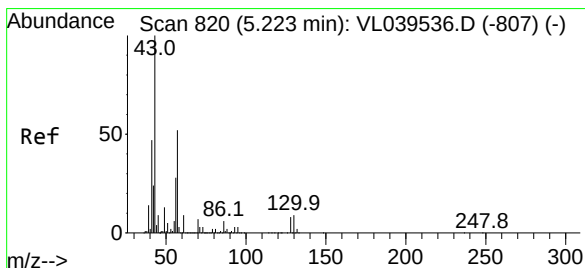
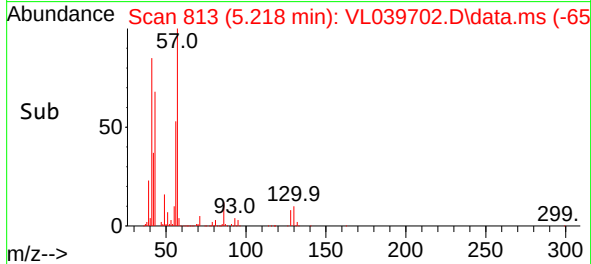
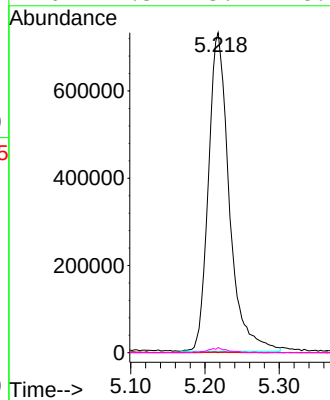
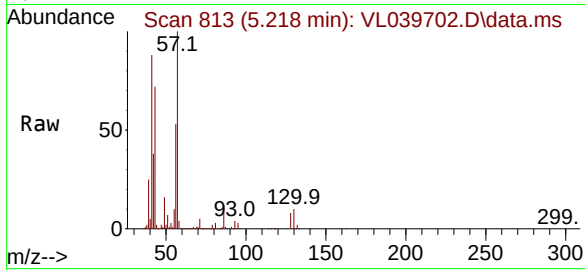




#25
Ethyl Acetate
Concen: 4.996 ppbv
RT: 5.218 min Scan# 813
Delta R.T. 0.001 min
Lab File: VL039702.D
Acq: 10 Oct 2022 18:56

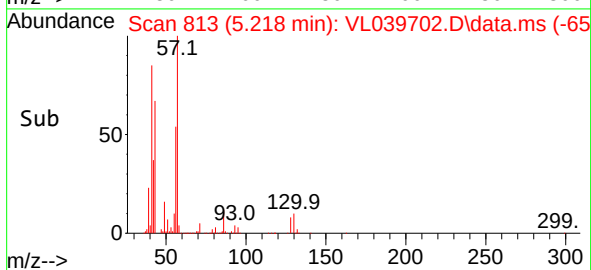
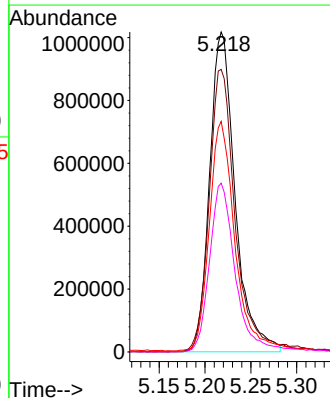
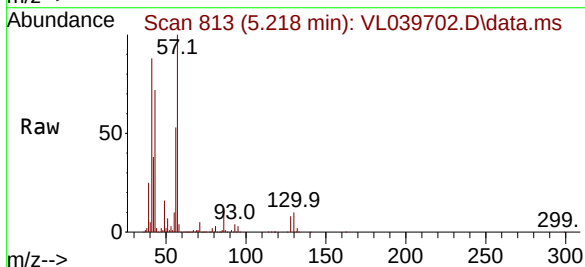
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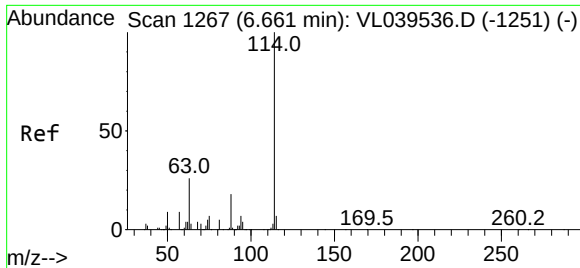
Tgt Ion: 43 Resp: 1417860
Ion Ratio Lower Upper
43 100
45 0.0 8.2 12.4#
61 0.2 8.3 12.5#
70 1.5 5.9 8.9#



#26
Hexane
Concen: 16.312 ppbv
RT: 5.218 min Scan# 813
Delta R.T. -0.006 min
Lab File: VL039702.D
Acq: 10 Oct 2022 18:56

Tgt Ion: 57 Resp: 1964542
Ion Ratio Lower Upper
57 100
41 92.7 76.9 115.3
43 72.8 191.0 286.6#
56 54.0 43.2 64.8

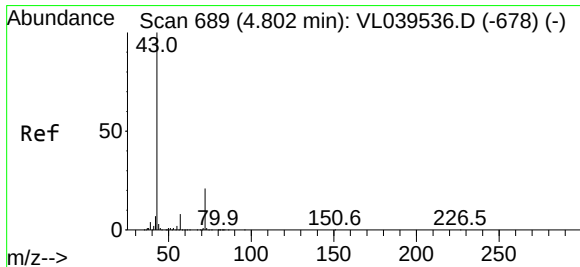
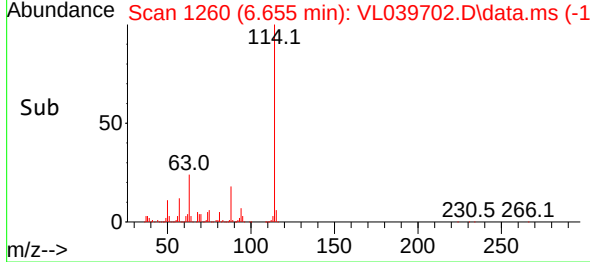
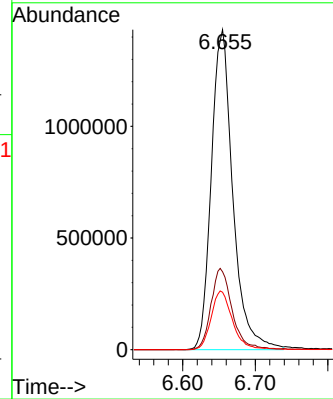
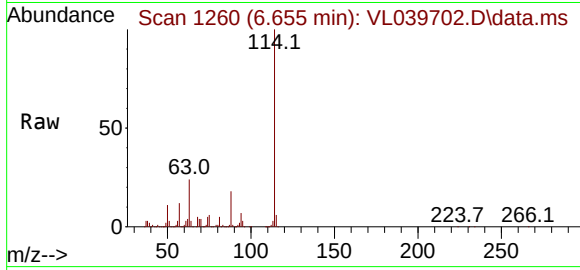




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.655 min Scan# 11
Delta R.T. -0.006 min
Lab File: VL039702.D
Acq: 10 Oct 2022 18:56

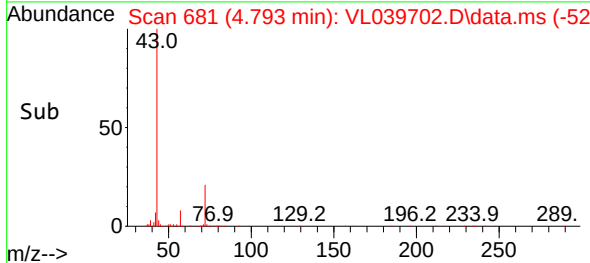
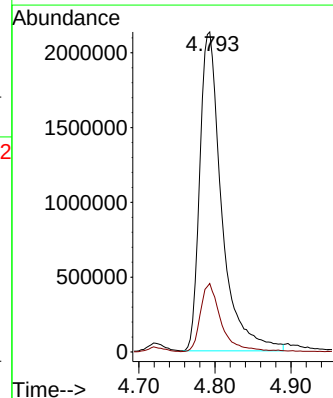
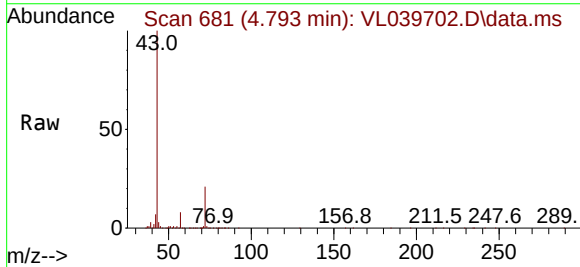
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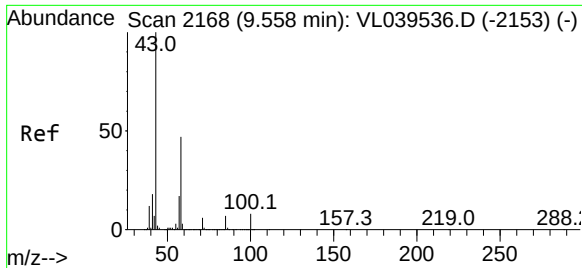
Tgt Ion:114 Resp: 2954046
Ion Ratio Lower Upper
114 100
63 25.3 20.2 30.4
88 18.4 14.5 21.7



#34
2-Butanone
Concen: 29.433 ppbv
RT: 4.793 min Scan# 681
Delta R.T. -0.009 min
Lab File: VL039702.D
Acq: 10 Oct 2022 18:56

Tgt Ion: 43 Resp: 4270632
Ion Ratio Lower Upper
43 100
72 20.6 17.9 26.9

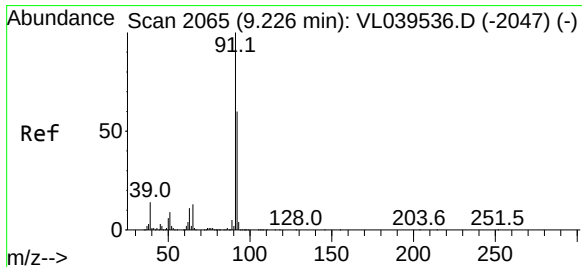
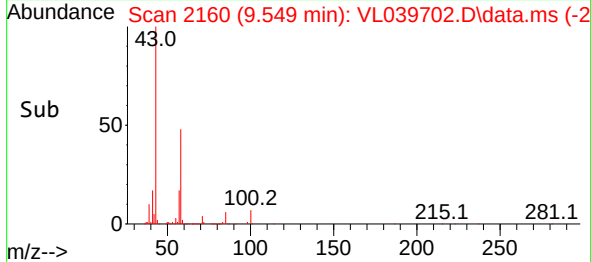
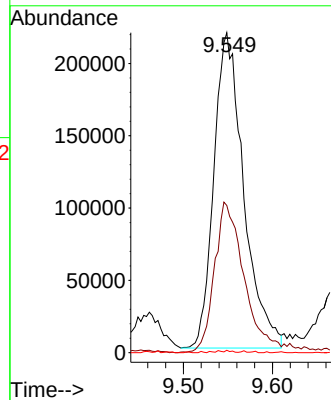
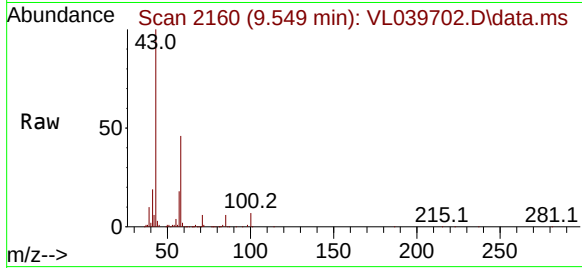




#51
2-Hexanone
Concen: 3.002 ppbv
RT: 9.549 min Scan# 2168
Delta R.T. -0.009 min
Lab File: VL039702.D
Acq: 10 Oct 2022 18:56

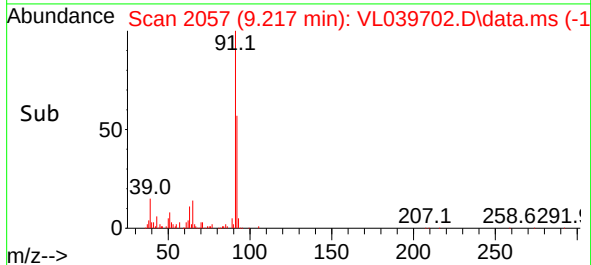
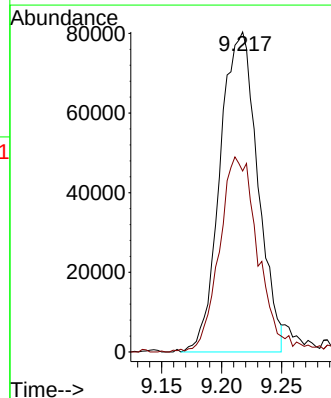
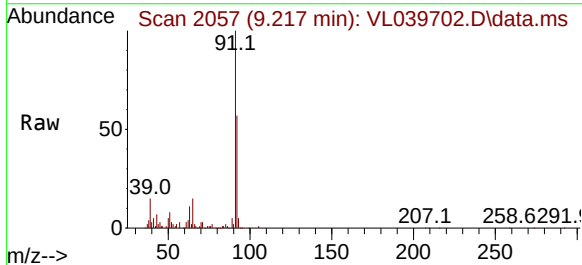
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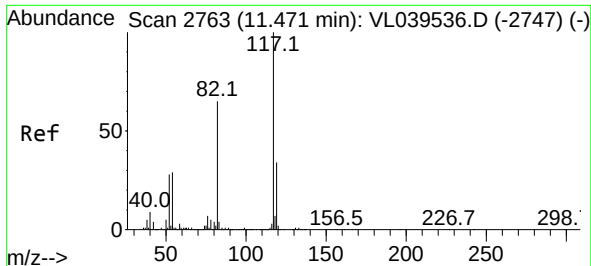
Tgt Ion: 43 Resp: 506612
Ion Ratio Lower Upper
43 100
58 50.2 38.4 57.6
98 0.4 0.3 0.5



#53
Toluene
Concen: 0.700 ppbv
RT: 9.217 min Scan# 2057
Delta R.T. -0.009 min
Lab File: VL039702.D
Acq: 10 Oct 2022 18:56

Tgt Ion: 91 Resp: 175875
Ion Ratio Lower Upper
91 100
92 64.6 48.2 72.2

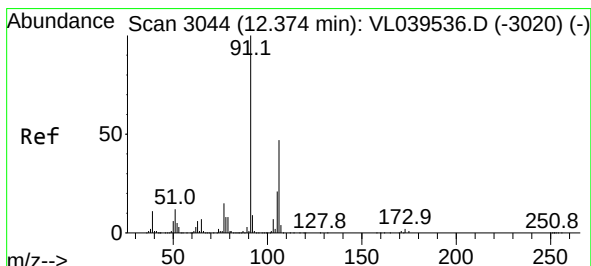
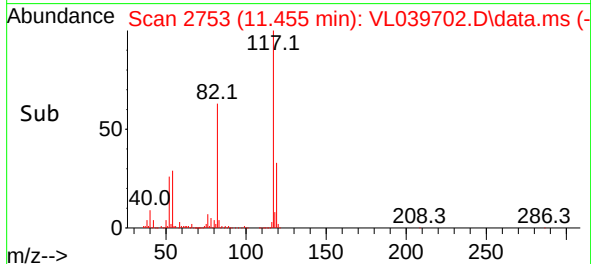
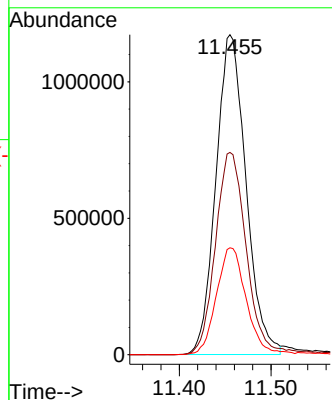
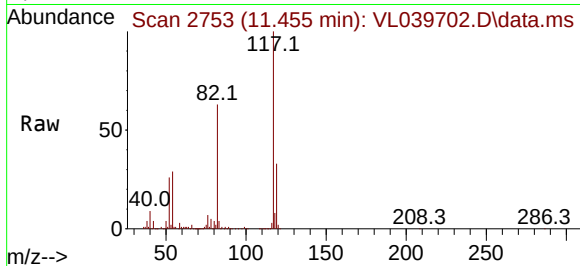




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.455 min Scan# 21
Delta R.T. -0.015 min
Lab File: VL039702.D
Acq: 10 Oct 2022 18:56

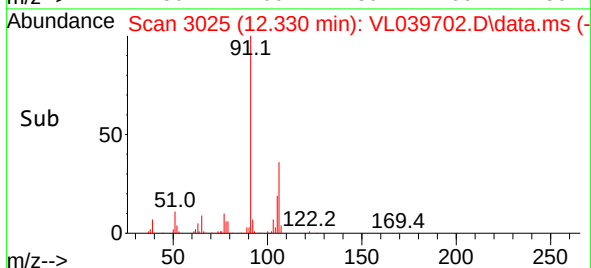
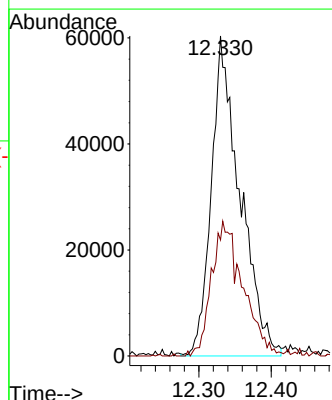
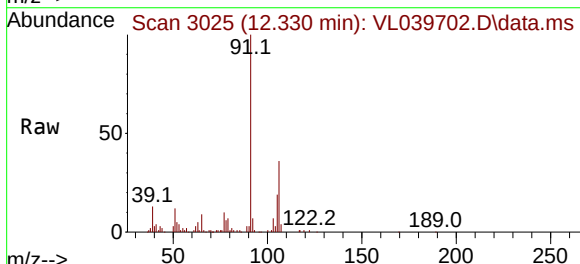
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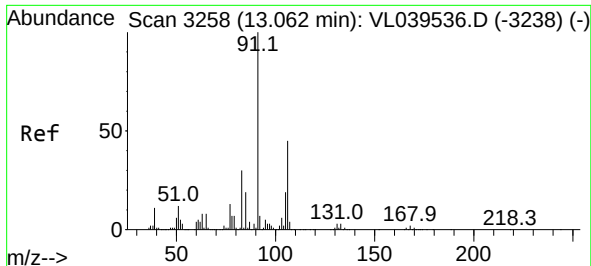
Tgt Ion:117 Resp: 2672003
Ion Ratio Lower Upper
117 100
82 66.5 50.8 76.2
119 33.9 24.1 36.1



#59
m/p-Xylene
Concen: 0.605 ppbv m
RT: 12.330 min Scan# 3025
Delta R.T. -0.044 min
Lab File: VL039702.D
Acq: 10 Oct 2022 18:56

Tgt Ion: 91 Resp: 165880
Ion Ratio Lower Upper
91 100
106 0.0 35.4 53.2#

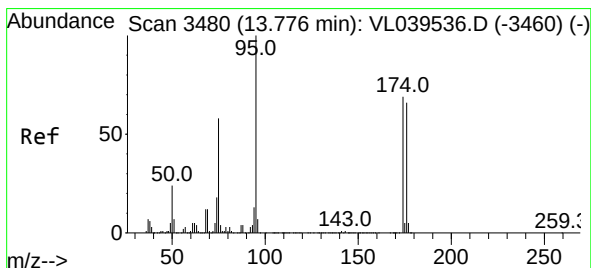
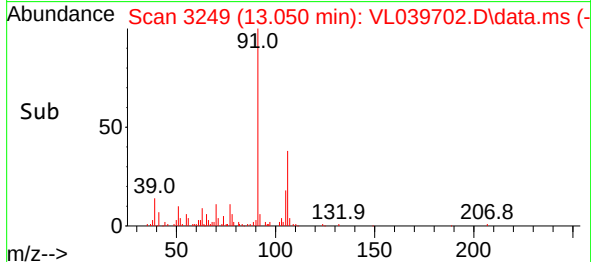
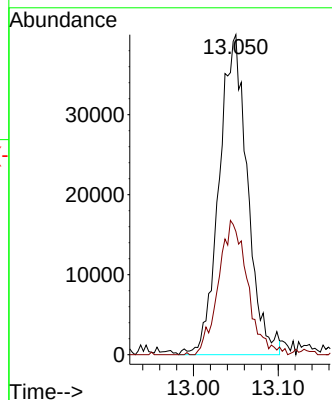
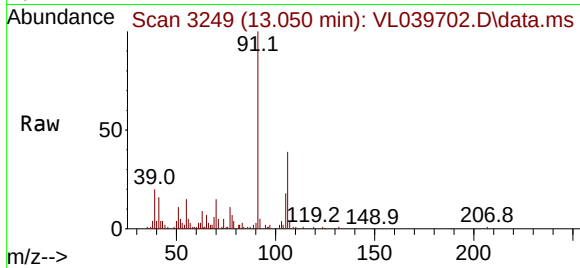




#60
o-Xylene
Concen: 0.355 ppbv m
RT: 13.050 min Scan# 31
Delta R.T. -0.012 min
Lab File: VL039702.D
Acq: 10 Oct 2022 18:56

Instrument :
MSVOA_L
ClientSampleId :
SVP-03

Tgt Ion: 91 Resp: 92977
Ion Ratio Lower Upper
91 100
106 43.0 22.4 67.3



#68
1-Bromo-4-Fluorobenzene
Concen: 10.105 ppbv
RT: 13.764 min Scan# 3471
Delta R.T. -0.012 min
Lab File: VL039702.D
Acq: 10 Oct 2022 18:56

Tgt Ion: 95 Resp: 2015641
Ion Ratio Lower Upper
95 100
174 72.5 55.9 83.9
175 5.8 4.2 6.4

