

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL112420\
 Data File : VL036006.D
 Acq On : 24 Nov 2020 23:01
 Operator : SY/AP
 Sample : L4843-03 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SVP-03

Manual Integrations
 APPROVED

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Quant Time: Nov 26 14:36:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Nov 04 02:40:06 2020
 QLast Update : Wed Nov 04 02:40:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.64	49	1348969	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.15	114	4922055	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.06	117	4660959	10.00	ppbv	-0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	3489493	10.54	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.00	41	2356177m	39.850	ppbv	
10) Heptane	8.10	43	752019	4.605	ppbv	99
20) Methylene Chloride	4.32	84	181138	1.784	ppbv	99
26) Hexane	5.66	57	2394469	15.282	ppbv #	46
27) Carbon Disulfide	4.53	76	145742	0.621	ppbv #	95
30) Cyclohexane	7.10	84	154468	0.905	ppbv #	90
36) Benzene	6.86	78	78491m	0.215	ppbv	

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

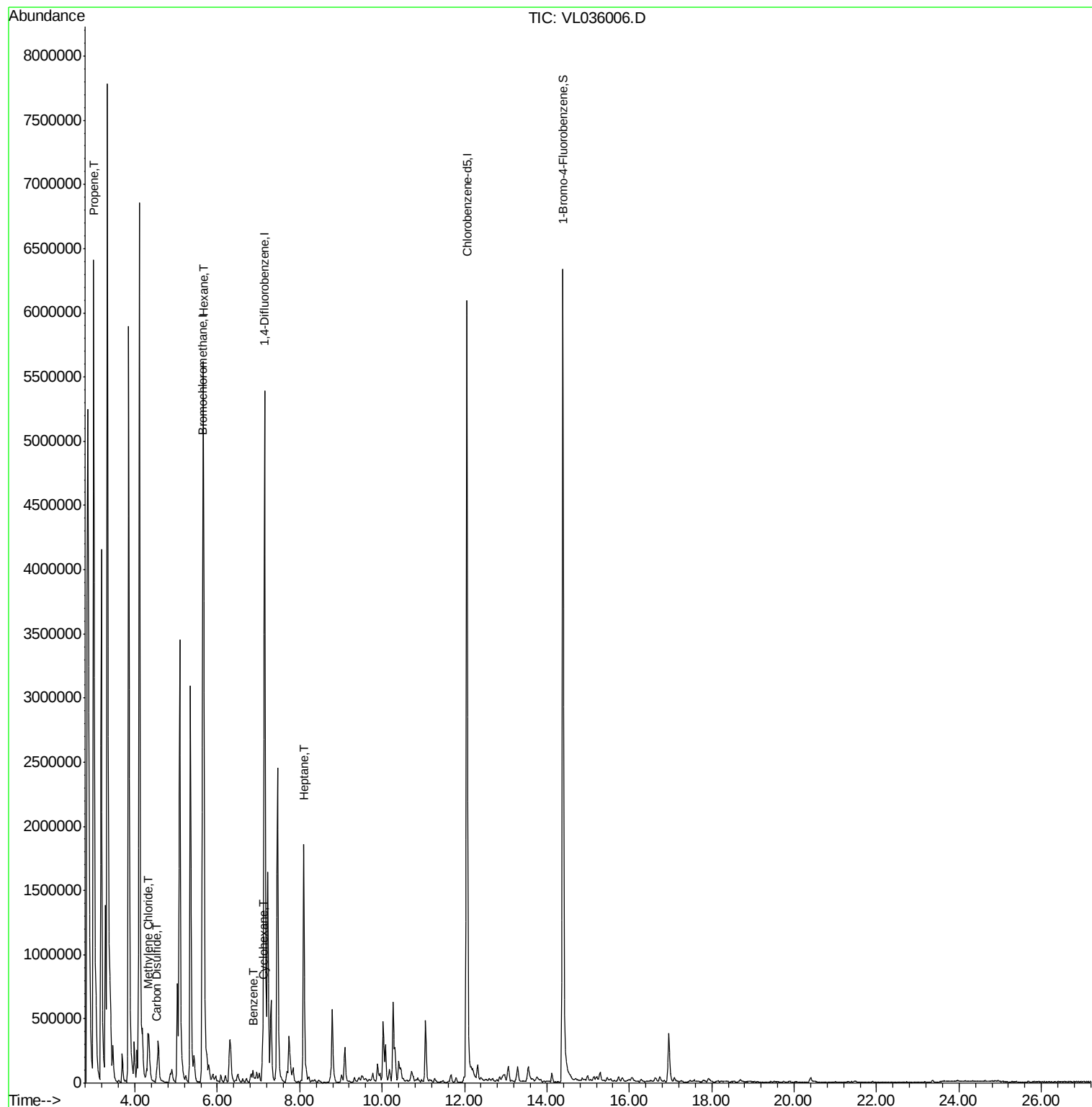
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL112420\
Data File : VL036006.D
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Misc : 400ml/MSVOA L
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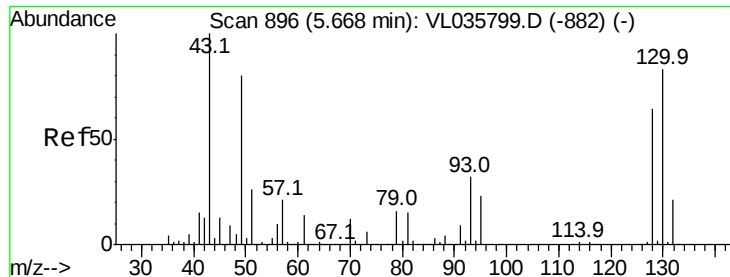
Instrument :
MSVOA_L
ClientSampleId :
SVP-03

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Nov
QLast Update : Wed Nov 04 02:40:06 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.64 min Scan# 887

Delta R.T. -0.03 min

Lab File: VL036006.D

Acq: 24 Nov 2020 23:01

Instrument :

MSVOA_L

ClientSampled :

SVP-03

Tot Ion: 49 Resp: 1348969

Ion Ratio Lower Upper

49 100

128 76.7 41.5 124.6

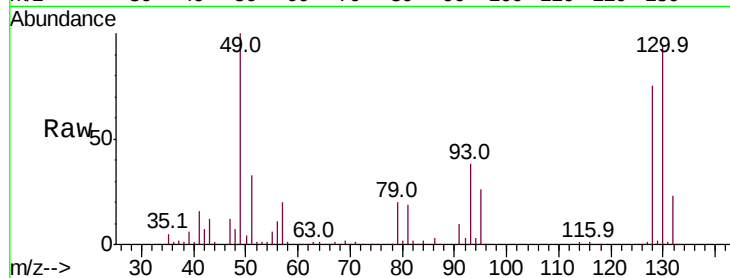
130 98.2 53.7 161.1

Manual Integrations

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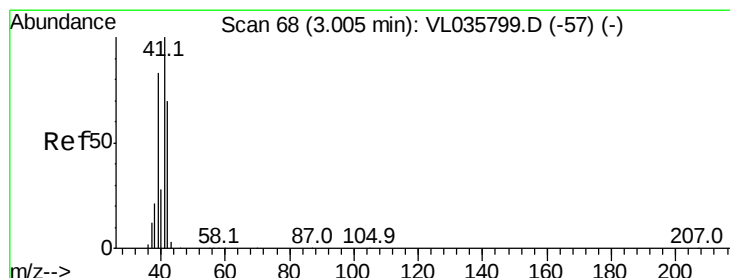
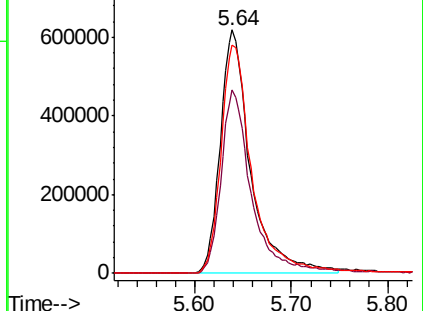
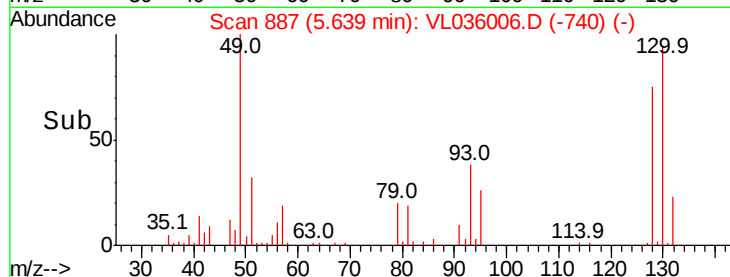
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#9

Propene

Concen: 39.850 ppbv m

RT: 3.00 min Scan# 65

Delta R.T. -0.01 min

Lab File: VL036006.D

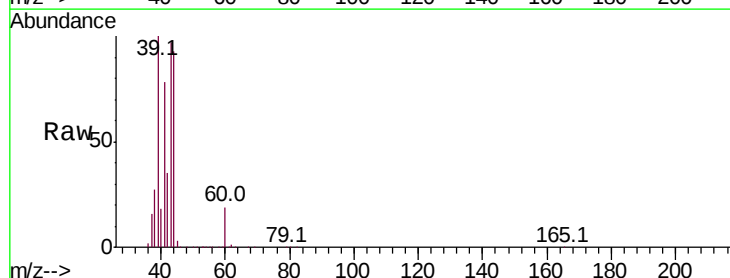
Acq: 24 Nov 2020 23:01

Tgt Ion: 41 Resp: 2356177

Ion Ratio Lower Upper

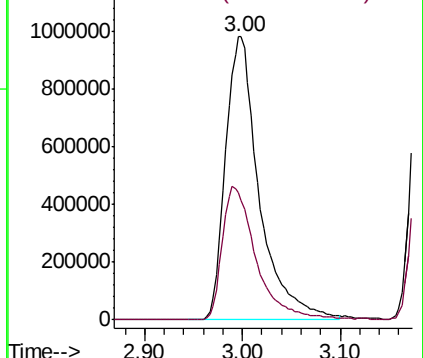
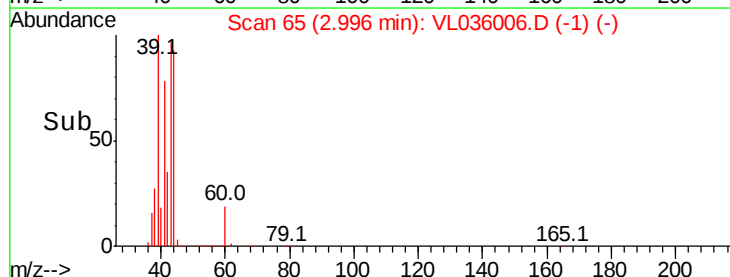
41 100

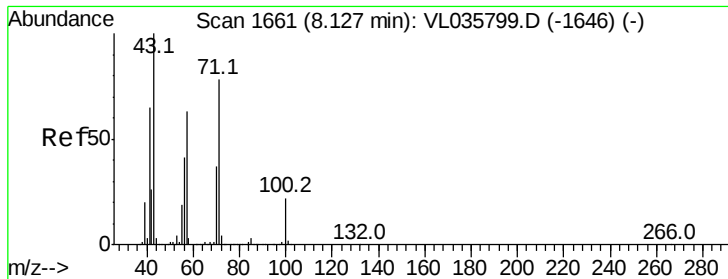
42 42.6 56.2 84.4#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





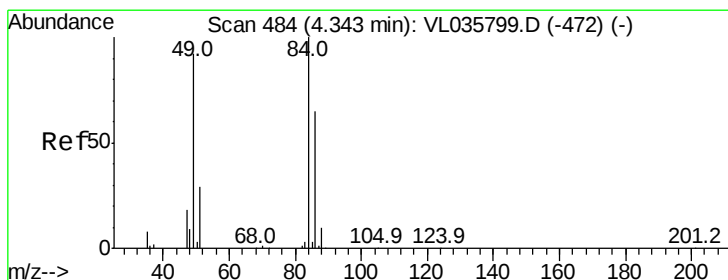
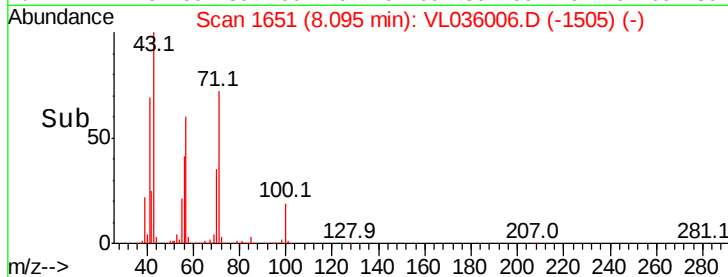
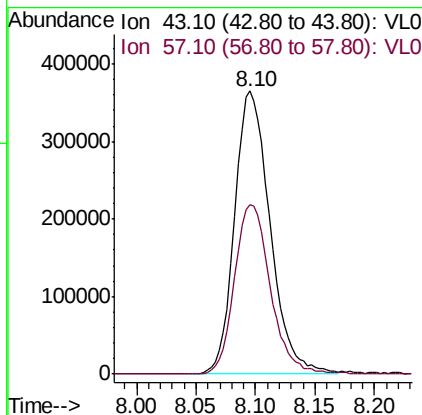
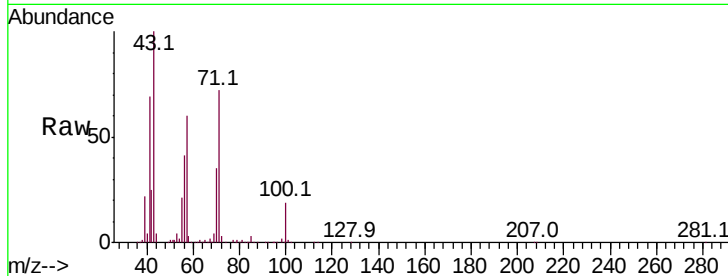
#10
Heptane
Concen: 4.605 ppbv
RT: 8.10 min Scan# 1651
Delta R.T. -0.03 min
Lab File: VL036006.D
Acq: 24 Nov 2020 23:01

Instrument :
MSVOA_L
ClientSampled :
SVP-03

Tot Ion: 43 Resp: 752019
Ion Ratio Lower Upper
43 100
57 61.5 50.0 75.0

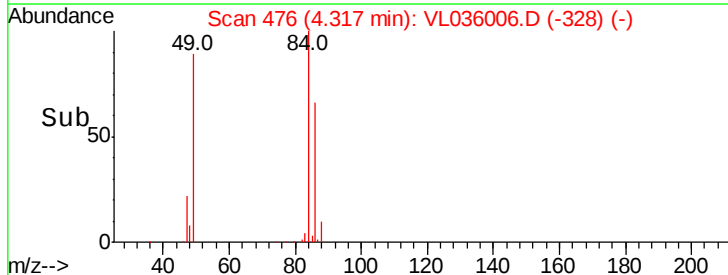
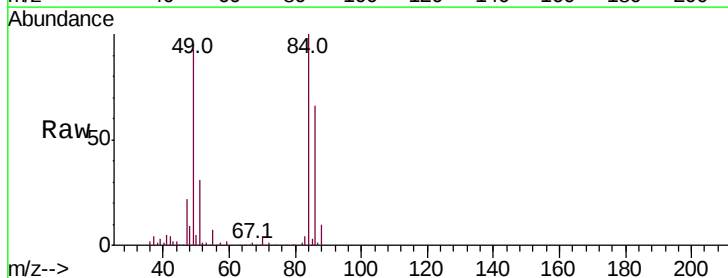
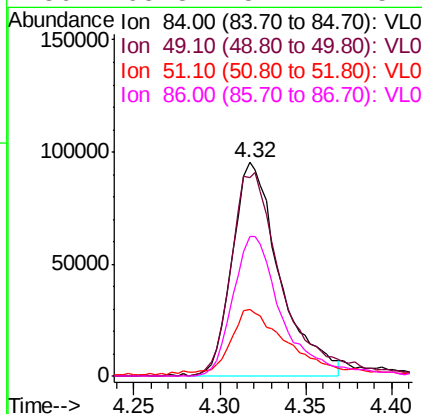
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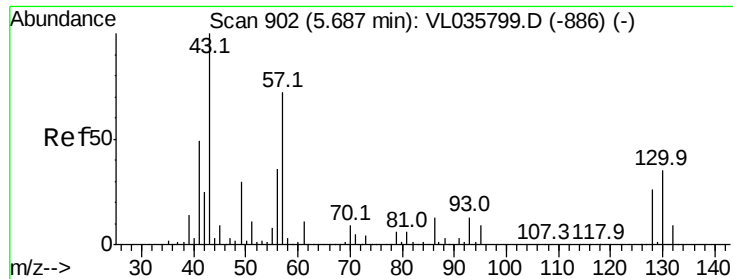
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#20
Methylene Chloride
Concen: 1.784 ppbv
RT: 4.32 min Scan# 476
Delta R.T. -0.03 min
Lab File: VL036006.D
Acq: 24 Nov 2020 23:01

Tgt Ion: 84 Resp: 181138
Ion Ratio Lower Upper
84 100
49 93.1 73.8 110.8
51 29.9 23.0 34.4
86 65.8 52.1 78.1





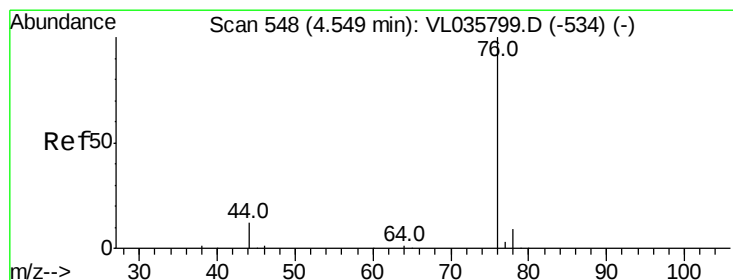
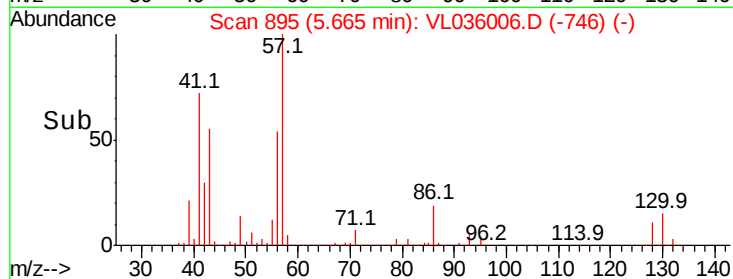
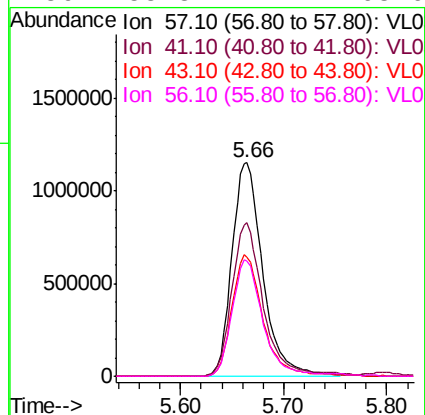
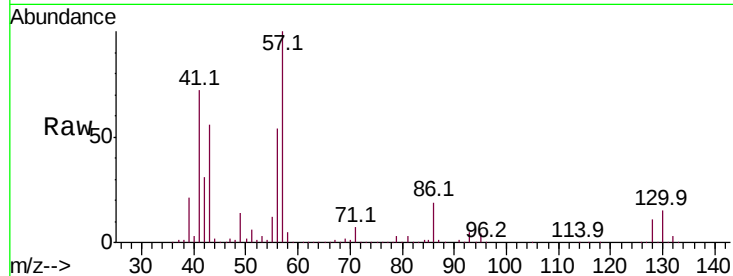
#26
Hexane
Concen: 15.282 ppbv
RT: 5.66 min Scan# 895
Delta R.T. -0.02 min
Lab File: VL036006.D
Acq: 24 Nov 2020 23:01

Instrument :
MSVOA_L
ClientSampled :
SVP-03

Tot Ion: 57 Resp: 2394469
Ion Ratio Lower Upper
57 100
41 73.8 58.9 88.3
43 57.8 150.2 225.2#
56 55.8 42.4 63.6

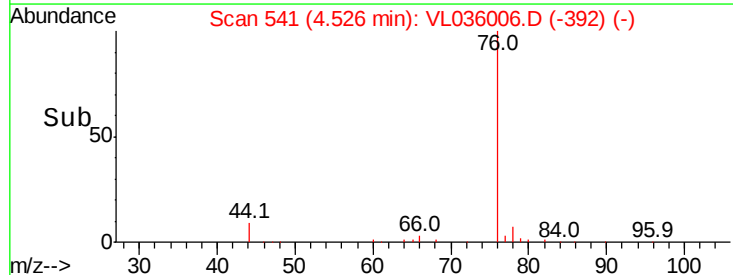
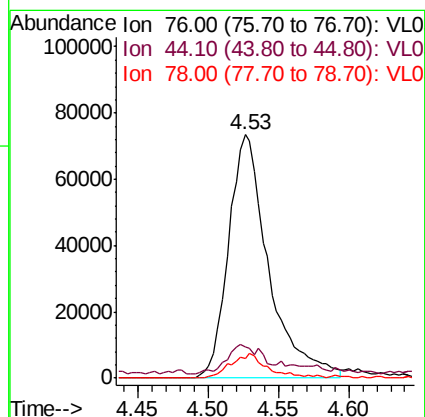
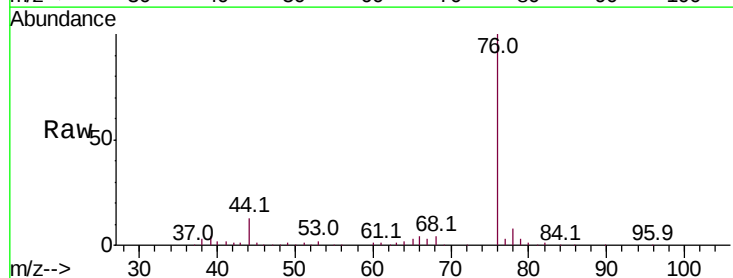
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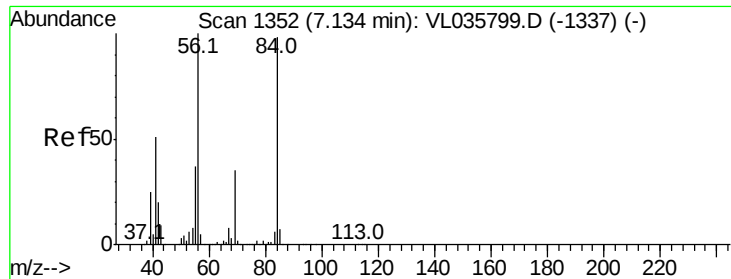
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#27
Carbon Disulfide
Concen: 0.621 ppbv
RT: 4.53 min Scan# 541
Delta R.T. -0.02 min
Lab File: VL036006.D
Acq: 24 Nov 2020 23:01

Tgt Ion: 76 Resp: 145742
Ion Ratio Lower Upper
76 100
44 16.0 9.9 14.9#
78 10.1 8.1 12.1





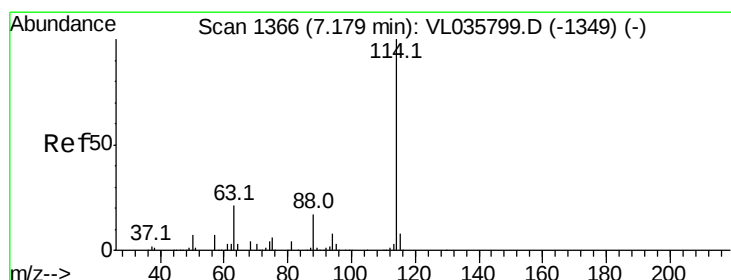
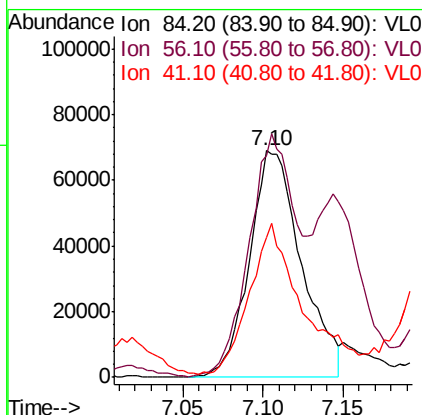
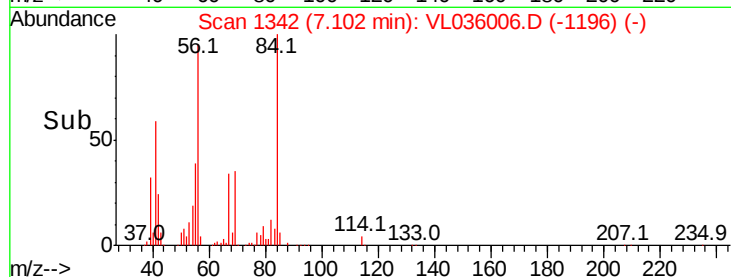
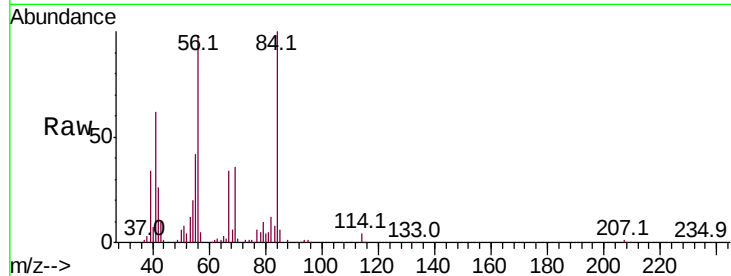
#30
Cvclohexane
Concen: 0.905 ppbv
RT: 7.10 min Scan# 1342
Delta R.T. -0.03 min
Lab File: VL036006.D
Acq: 24 Nov 2020 23:01

Instrument :
MSVOA_L
ClientSampled :
SVP-03

Tot Ion	Ratio	Lower	Upper
84	100		
56	103.1	86.4	129.6
41	66.5	42.1	63.1#

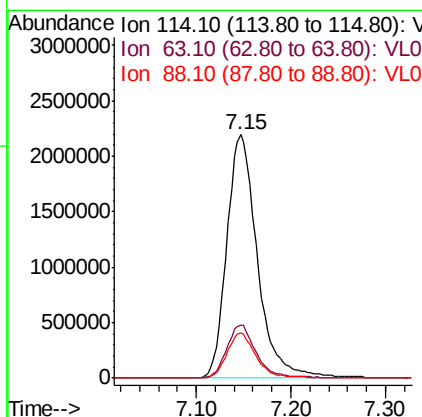
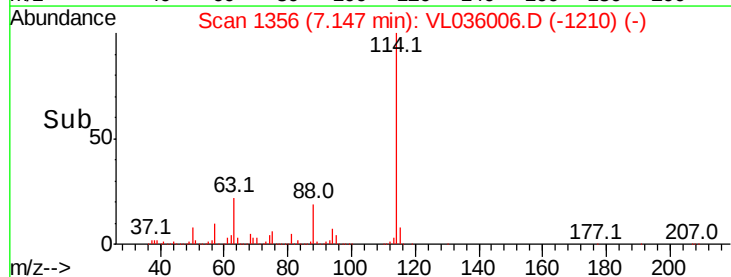
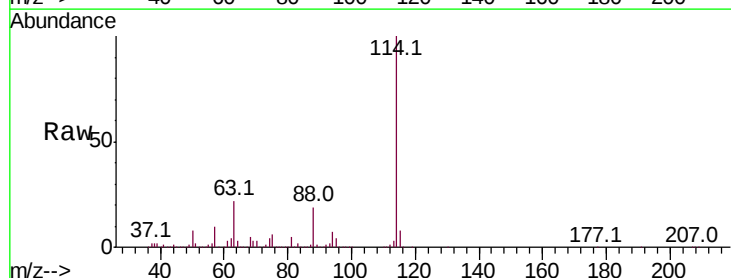
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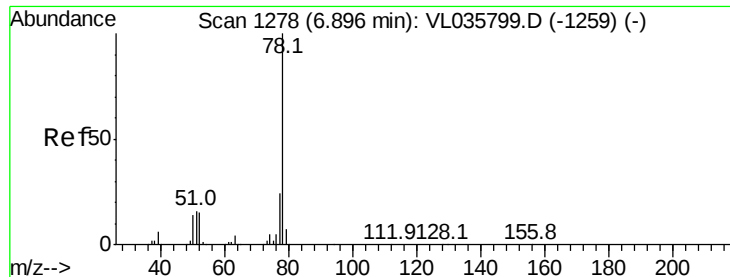
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.15 min Scan# 1356
Delta R.T. -0.03 min
Lab File: VL036006.D
Acq: 24 Nov 2020 23:01

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.4	16.1	24.1
88	17.8	13.7	20.5





#36

Benzene

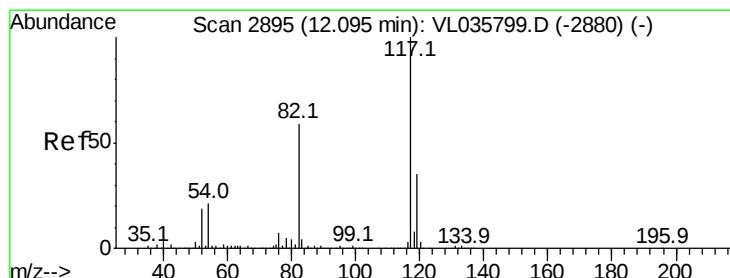
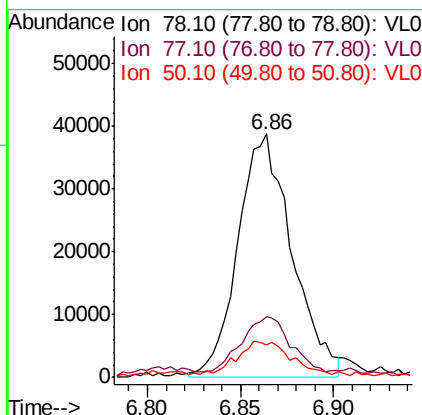
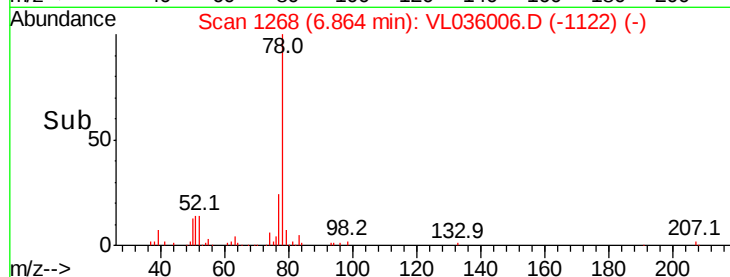
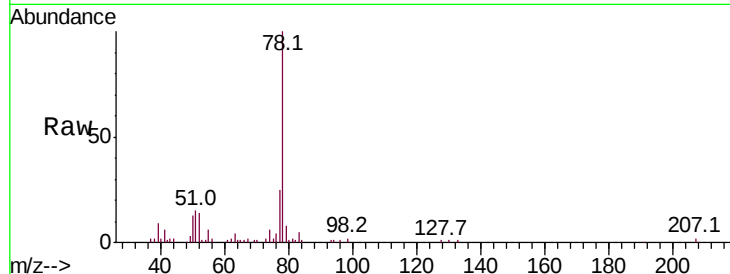
Concen: 0.215 ppbv m
 RT: 6.86 min Scan# 1268
 Delta R.T. -0.03 min
 Lab File: VL036006.D
 Acq: 24 Nov 2020 23:01

Instrument :
 MSVOA_L
 ClientSampled :
 SVP-03

Tot Ion	Ratio	Lower	Upper
78	100		
77	24.8	19.3	28.9
50	13.2	11.4	17.2

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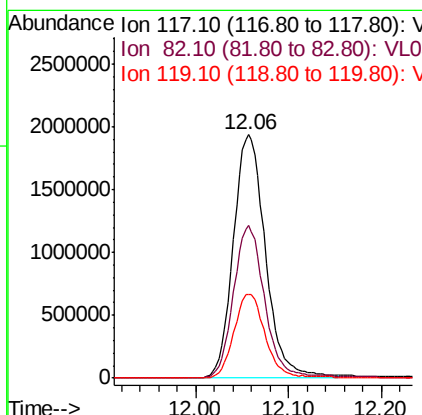
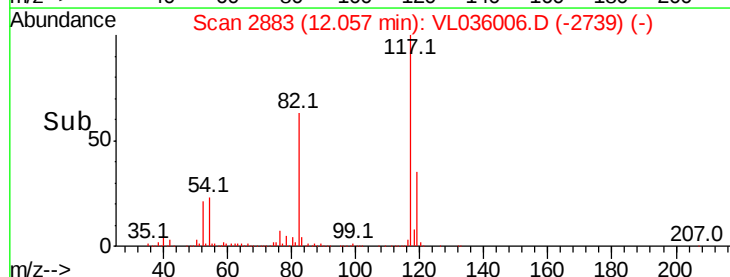
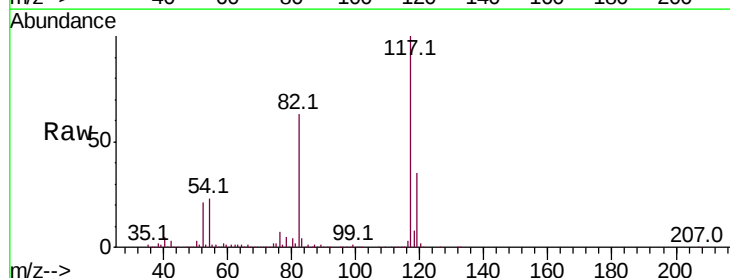


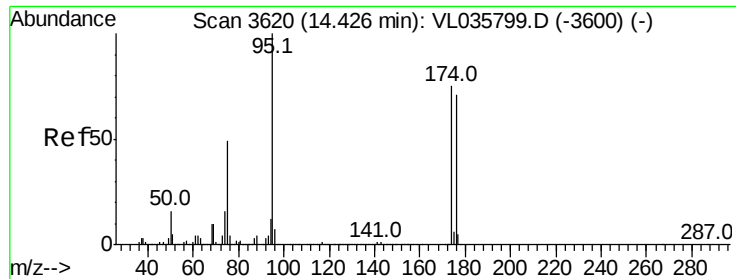
#55

Chlorobenzene-d5

Concen: 10.000 ppbv
 RT: 12.06 min Scan# 2883
 Delta R.T. -0.04 min
 Lab File: VL036006.D
 Acq: 24 Nov 2020 23:01

Tgt Ion	Ratio	Lower	Upper
117	100		
82	62.5	50.6	76.0
119	34.1	52.6	78.8#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.537 ppbv
 RT: 14.39 min Scan# 3608
 Delta R.T. -0.04 min
 Lab File: VL036006.D
 Acq: 24 Nov 2020 23:01

Instrument :
 MSVOA_L
 ClientSampleId :
 SVP-03

Tot Ion	Ratio	Lower	Upper
95	100		
174	70.2	59.8	89.6
175	4.8	4.3	6.5

Manual Integrations
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