

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL011321\
 Data File : VL036225.D
 Acq On : 13 Jan 2021 14:31
 Operator : SY/AP
 Sample : M1066-09DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 0121-SS6DL

Manual Integrations
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Quant Time: Jan 15 08:40:26 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL011321AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Jan 14 16:13:38 2021
 QLast Update : Thu Jan 14 16:13:38 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1557886	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3239362	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	2916023	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2439856	10.11	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.10%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.02	41	14503m	0.159	ppbv	
13) Ethanol	3.61	45	288846	20.190	ppbv	87
15) Acetone	3.85	43	321215m	1.684	ppbv	
20) Methylene Chloride	4.34	84	265509	4.360	ppbv	98
26) Hexane	5.69	57	317817	1.993	ppbv #	36
53) Toluene	9.80	91	26853m	0.081	ppbv	

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

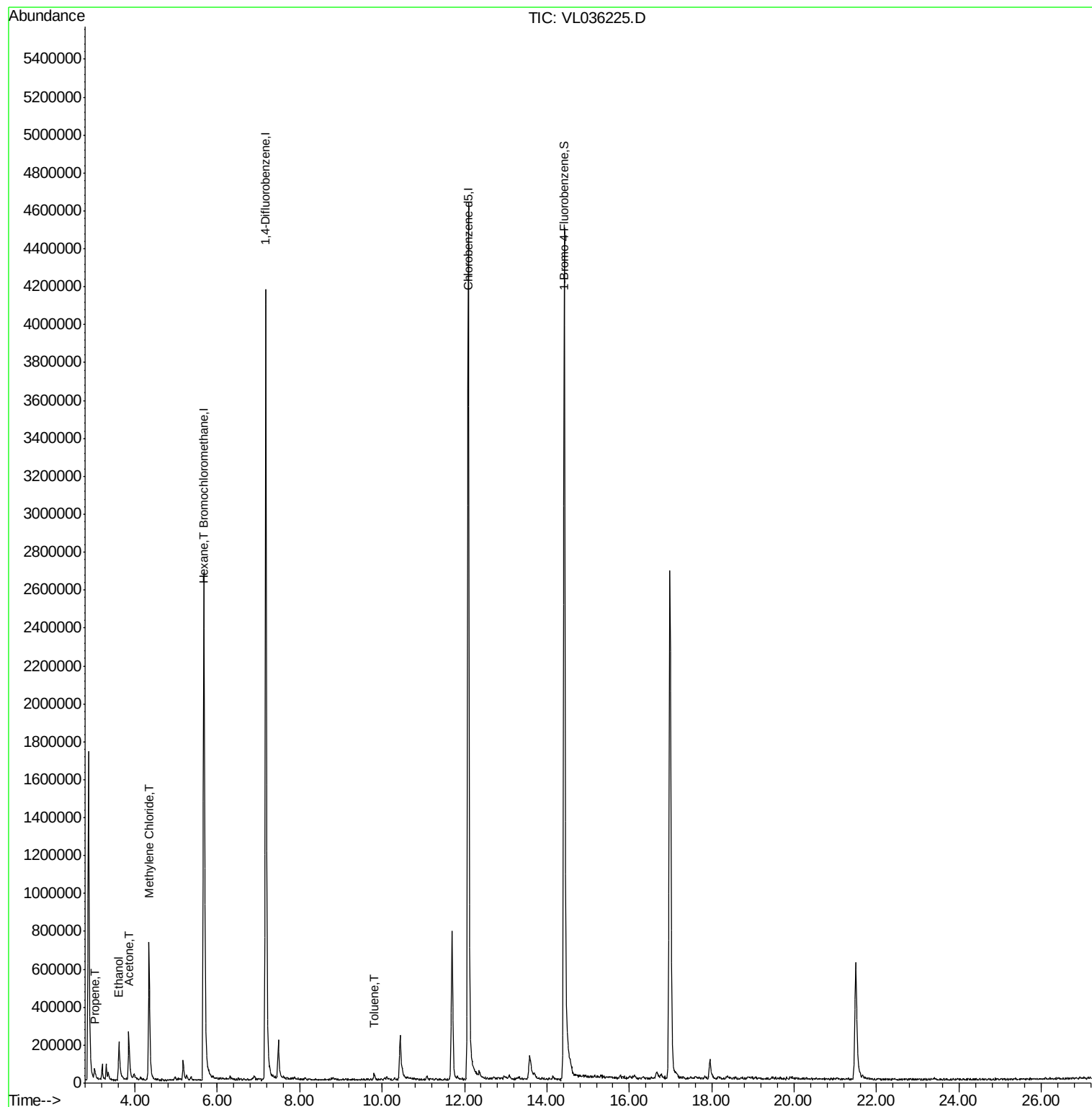
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL011321\
Data File : VL036225.D
Acq On : 13 Jan 2021 14:31
Operator : SY/AP
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Misc : 400ml/MSVOA L
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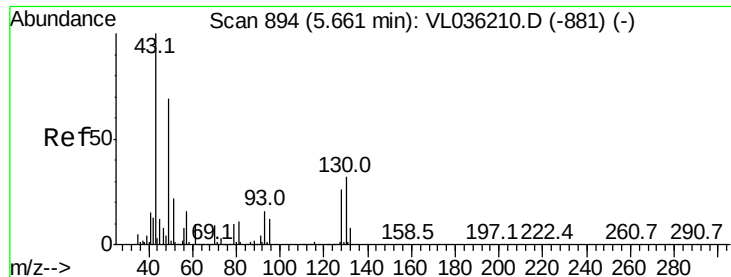
Instrument :
MSVOA_L
ClientSampleId :
0121-SS6DL

Manual Integrations
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Quant Time: Jan 15 08:40:26 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL011321AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Jan
QLast Update : Thu Jan 14 16:13:38 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 896

Delta R.T. 0.01 min

Lab File: VL036225.D

Acq: 13 Jan 2021 14:31

Instrument :

MSVOA_L

ClientSampleId :

0121-SS6DL

Tot Ion: 49 Resp: 1557886

Ion Ratio Lower Upper

49 100

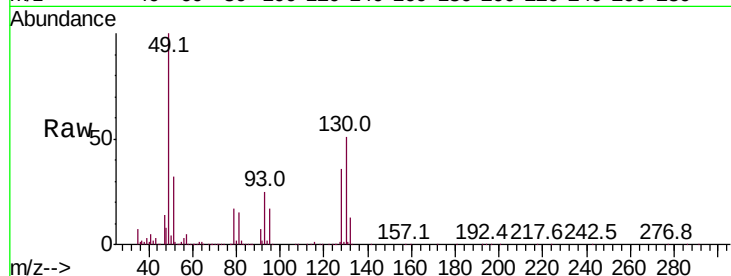
128 38.9 20.1 60.2

130 51.1 25.3 75.9

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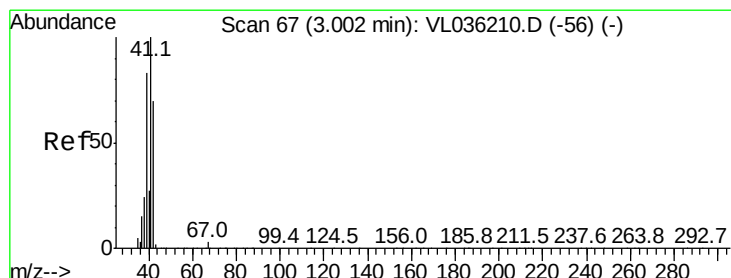
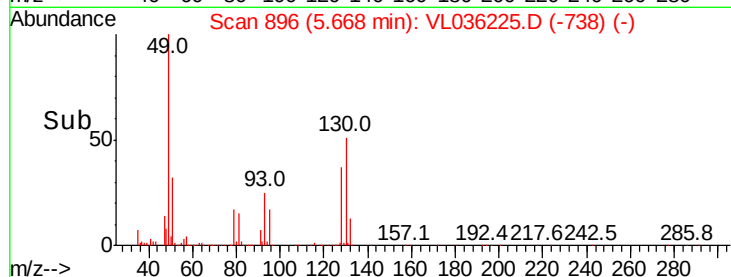
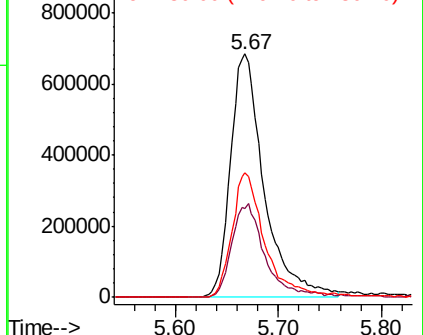
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#9

Propene

Concen: 0.159 ppbv m

RT: 3.02 min Scan# 73

Delta R.T. 0.02 min

Lab File: VL036225.D

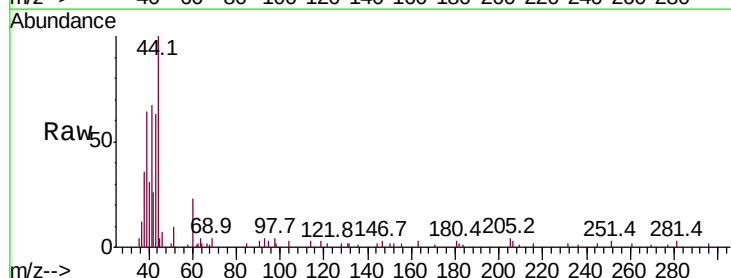
Acq: 13 Jan 2021 14:31

Tgt Ion: 41 Resp: 14503

Ion Ratio Lower Upper

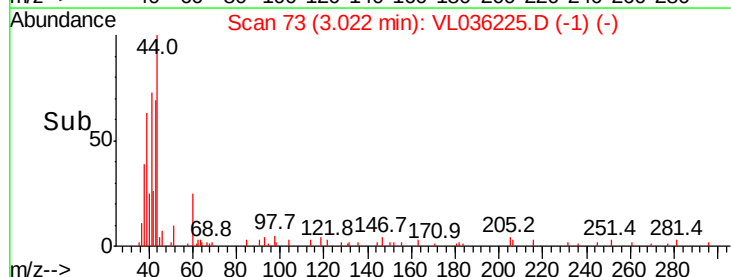
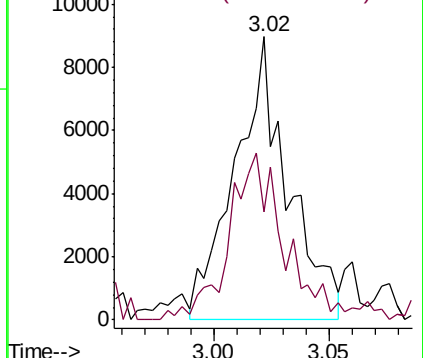
41 100

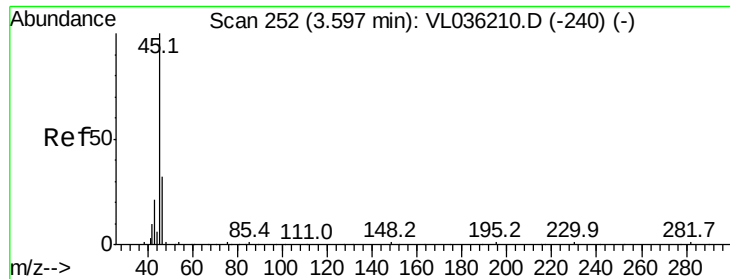
42 64.0 57.1 85.7



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





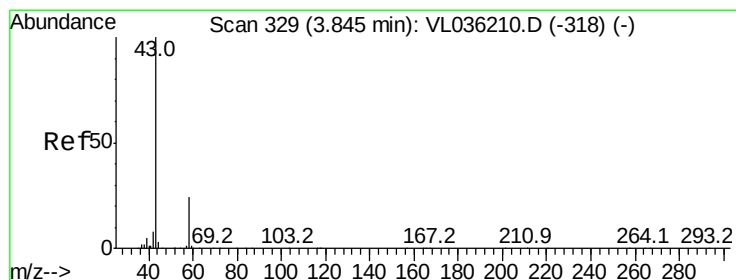
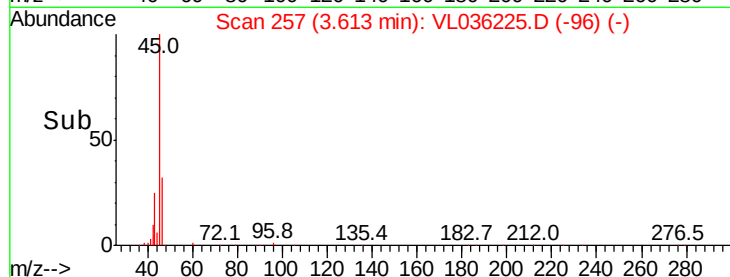
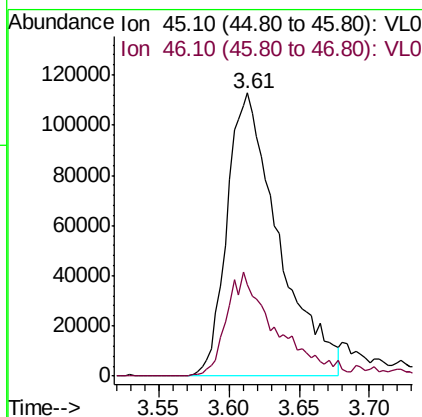
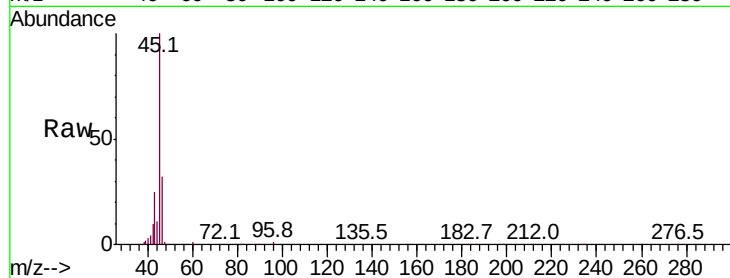
#13
Ethanol
Concen: 20.190 ppbv
RT: 3.61 min Scan# 257
Delta R.T. 0.02 min
Lab File: VL036225.D
Acq: 13 Jan 2021 14:31

Instrument :
MSVOA_L
ClientSampleId :
0121-SS6DL

Tot Ion	45	46	Ratio	100	39.0	Resp	288846	Lower	19.2	Upper	77.0
Ion	45	46	Ratio	100	39.0	Resp	288846	Lower	19.2	Upper	77.0

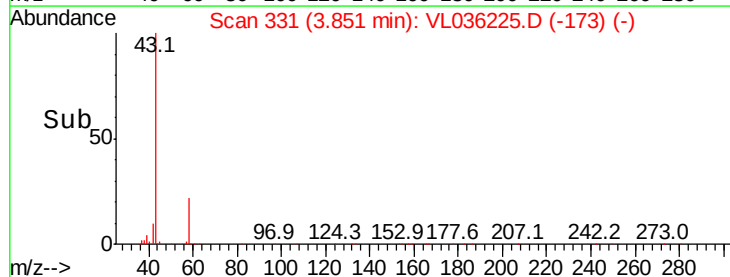
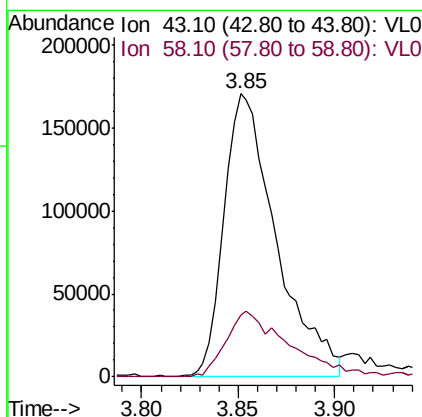
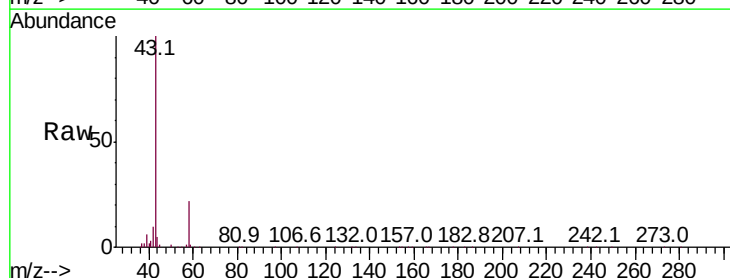
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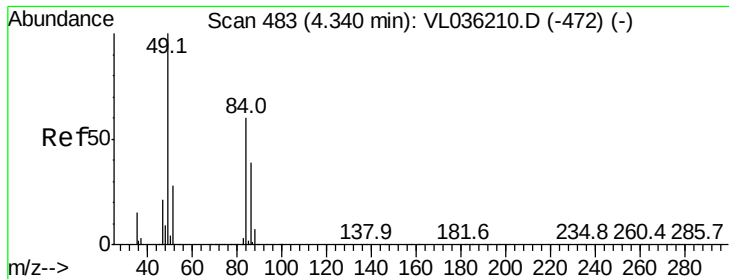
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#15
Acetone
Concen: 1.684 ppbv m
RT: 3.85 min Scan# 331
Delta R.T. 0.01 min
Lab File: VL036225.D
Acq: 13 Jan 2021 14:31

Tgt Ion	43	58	Ratio	100	29.0	Resp	321215	Lower	20.9	Upper	31.3
Ion	43	58	Ratio	100	29.0	Resp	321215	Lower	20.9	Upper	31.3





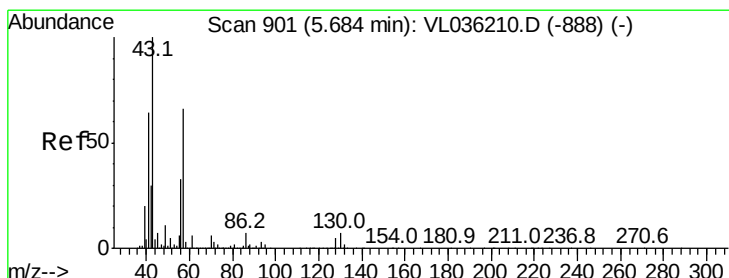
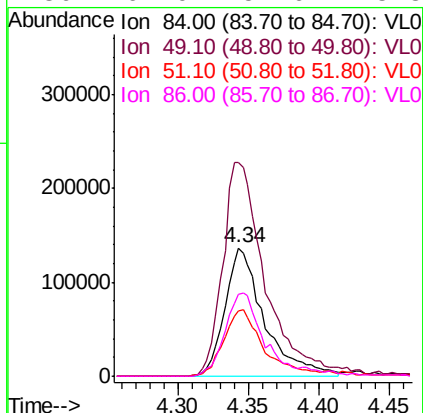
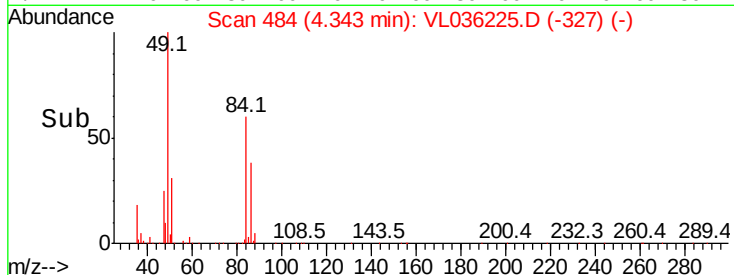
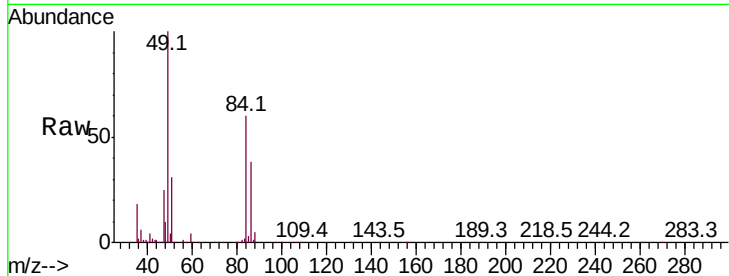
#20
Methvlene Chloride
Concen: 4.360 ppbv
RT: 4.34 min Scan# 484
Delta R.T. 0.00 min
Lab File: VL036225.D
Acq: 13 Jan 2021 14:31

Instrument :
MSVOA_L
ClientSampleId :
0121-SS6DL

Tot Ion	84	Resp	265509
Ion Ratio	Lower	Upper	
84	100		
49	166.1	134.1	201.1
51	51.2	37.4	56.0
86	64.0	52.6	78.8

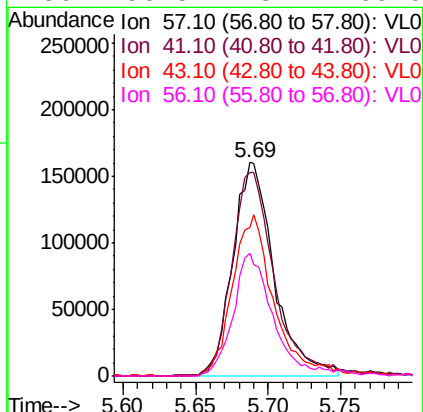
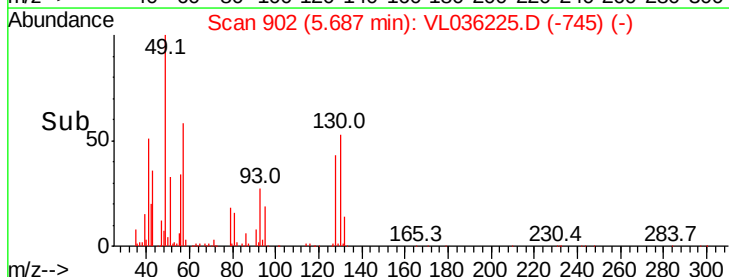
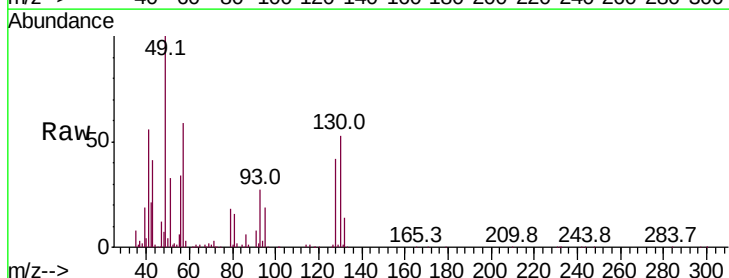
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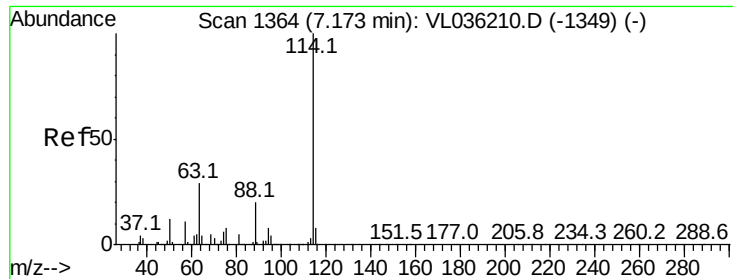
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#26
Hexane
Concen: 1.993 ppbv
RT: 5.69 min Scan# 902
Delta R.T. 0.00 min
Lab File: VL036225.D
Acq: 13 Jan 2021 14:31

Tgt Ion	57	Resp	317817
Ion Ratio	Lower	Upper	
57	100		
41	99.9	83.0	124.6
43	75.3	202.4	303.6
56	56.5	43.4	65.0





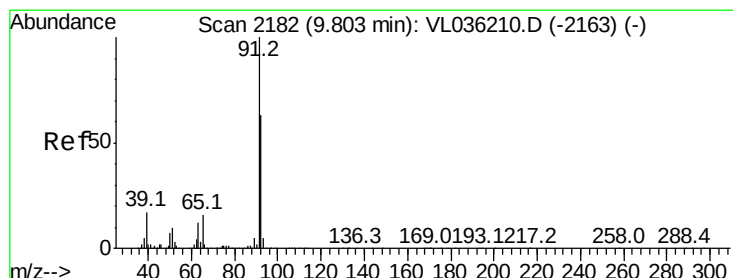
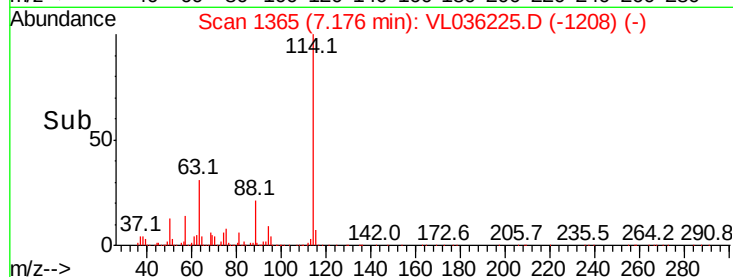
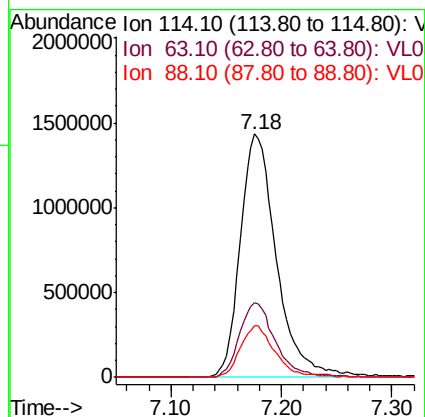
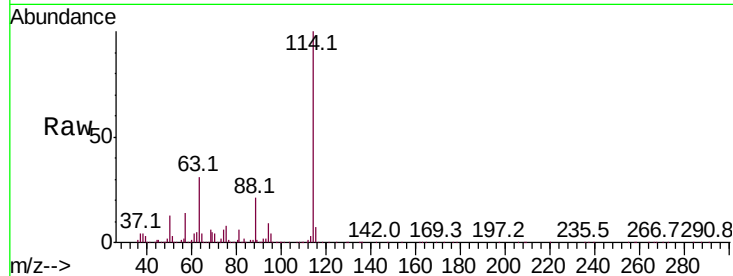
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VL036225.D
 Acq: 13 Jan 2021 14:31

Instrument :
 MSVOA_L
 ClientSampleId :
 0121-SS6DL

Tot Ion	Ratio	Lower	Upper
114	100		
63	31.1	24.7	37.1
88	20.8	16.6	24.8

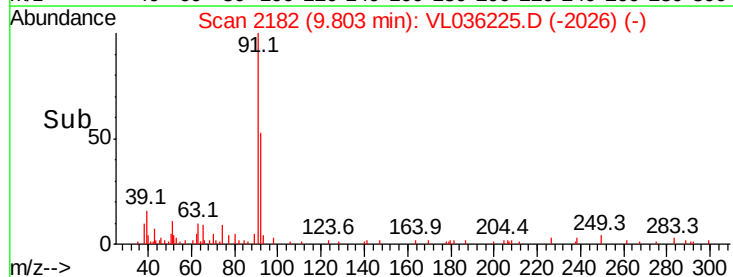
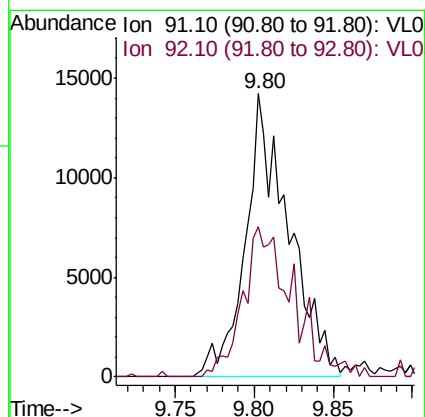
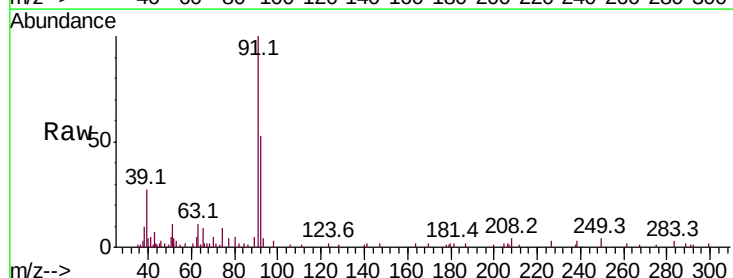
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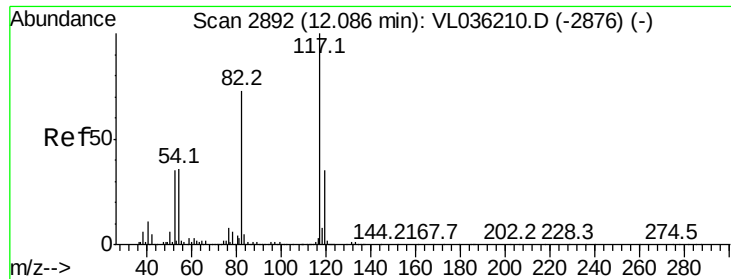
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#53
 Toluene
 Concen: 0.081 ppbv m
 RT: 9.80 min Scan# 2182
 Delta R.T. -0.00 min
 Lab File: VL036225.D
 Acq: 13 Jan 2021 14:31

Tgt Ion	Ratio	Lower	Upper
91	100		
92	61.1	48.5	72.7





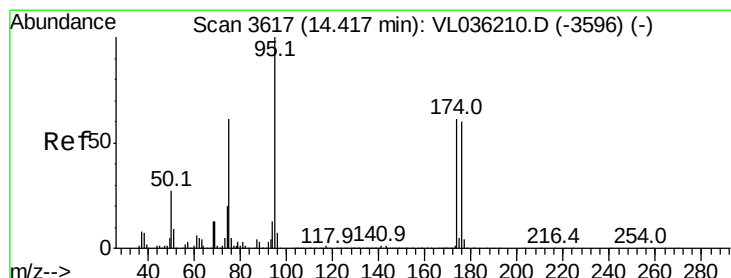
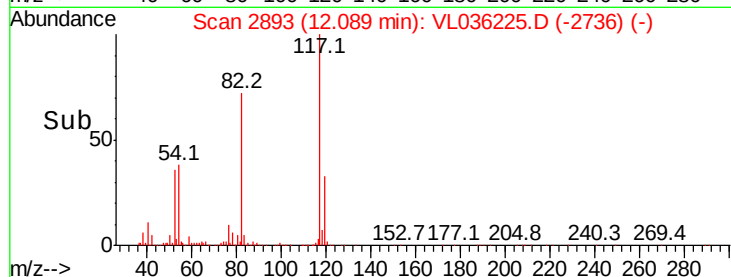
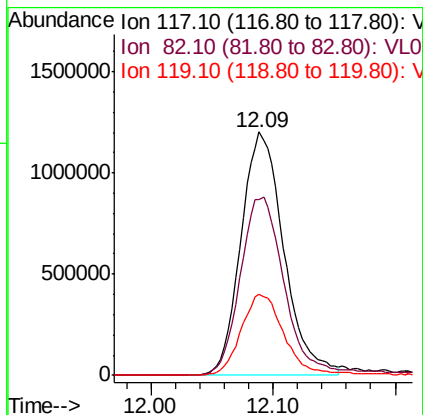
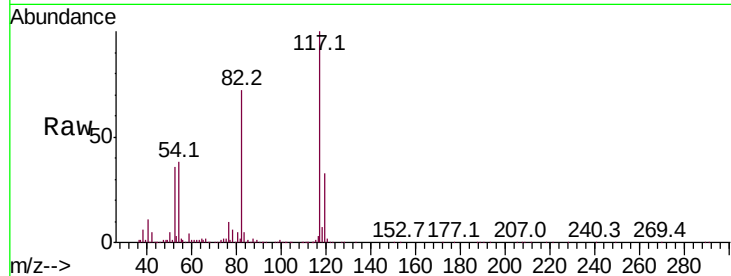
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2893
Delta R.T. 0.00 min
Lab File: VL036225.D
Acq: 13 Jan 2021 14:31

Instrument :
MSVOA_L
ClientSampleId :
0121-SS6DL

Tot Ion	Ratio	Lower	Upper
117	100		
82	78.2	59.7	89.5
119	34.1	28.6	43.0

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.109 ppbv
RT: 14.42 min Scan# 3619
Delta R.T. 0.01 min
Lab File: VL036225.D
Acq: 13 Jan 2021 14:31

Tgt Ion	Ratio	Lower	Upper
95	100		
174	63.1	49.4	74.0
175	4.6	3.8	5.8

