

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL010419\
 Data File : VL033077.D
 Acq On : 4 Jan 2019 21:03
 Operator : SY/AP
 Sample : J6594-02DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SVI-OA1-2018-12-19DL

Manual Integrations
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 1/8/2019 12:01:26 AM

Quant Time: Jan 05 03:00:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL010419AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jan 0
 QLast Update : Fri Jan 04 16:09:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.77	49	1036392	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	2463058	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	2298983	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	1769281	10.04	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.05	41	11325m	0.258	ppbv	
13) Ethanol	3.67	45	24639m	1.410	ppbv	
15) Acetone	3.92	43	72575	0.506	ppbv	96
20) Methylene Chloride	4.42	84	32397	0.542	ppbv	94
26) Hexane	5.79	57	18251m	0.160	ppbv	
53) Toluene	9.95	91	47785m	0.221	ppbv	

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

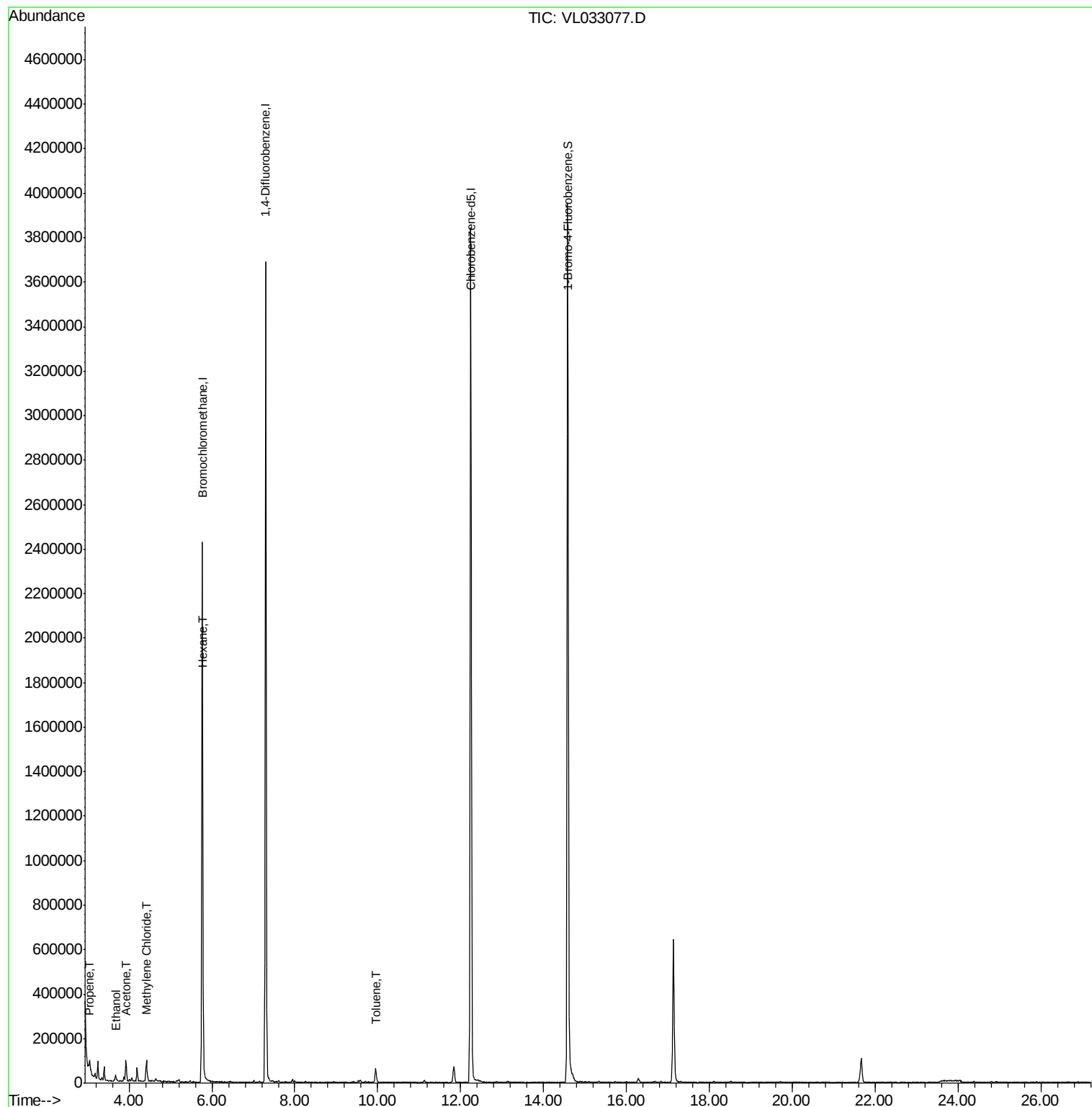
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL010419\
Data File : VL033077.D
Acq On : 4 Jan 2019 21:03
Operator : SY/AP
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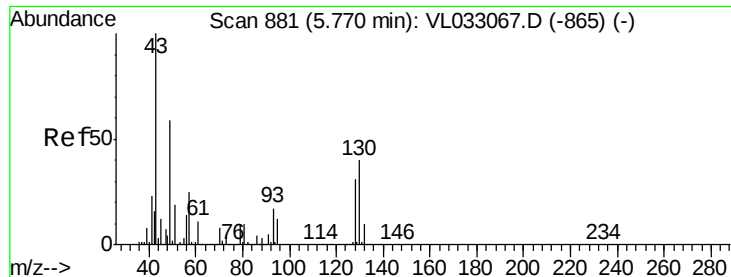
Instrument :
MSVOA_L
ClientSampleId :
SVI-OA1-2018-12-19DL

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL010419AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jan
QLast Update : Fri Jan 04 16:09:05 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.77 min Scan# 880

Delta R.T. -0.00 min

Lab File: VL033077.D

Acq: 4 Jan 2019 21:03

Instrument :

MSVOA_L

ClientSampleId :

SVI-OA1-2018-12-19DL

Tot Ion: 49 Resp: 1036392

Ion Ratio Lower Upper

49 100

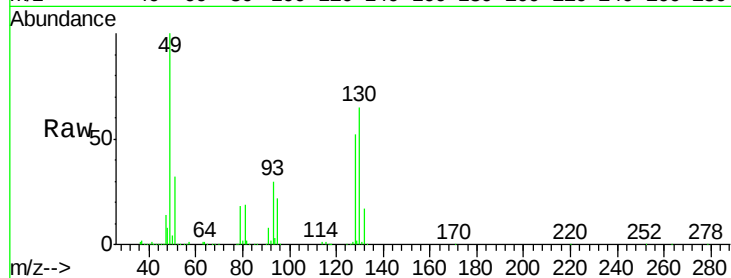
128 51.4 26.2 78.5

130 67.0 33.6 100.6

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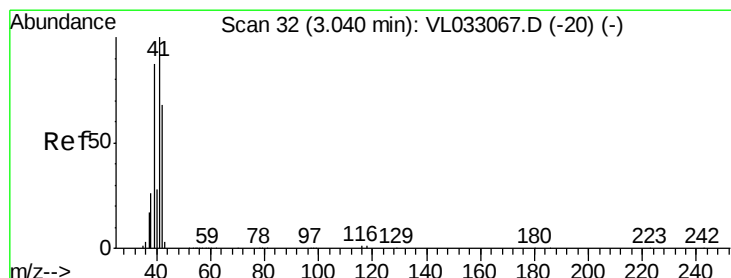
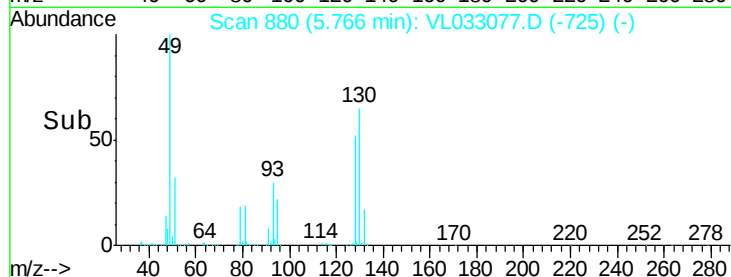
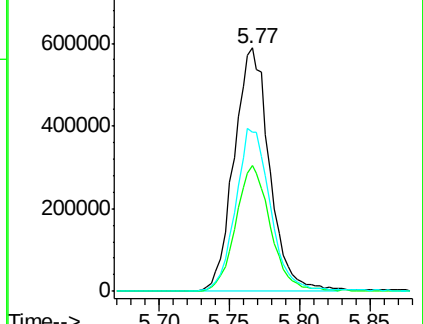
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#9

Propene

Concen: 0.258 ppbv m

RT: 3.05 min Scan# 35

Delta R.T. 0.01 min

Lab File: VL033077.D

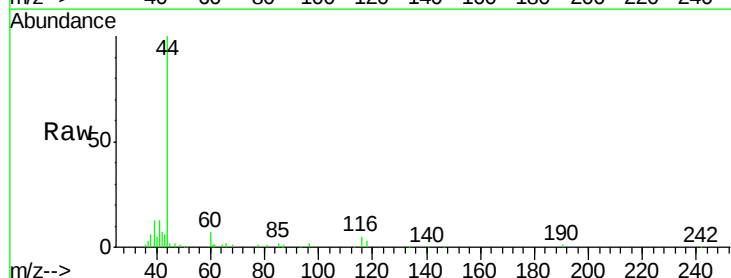
Acq: 4 Jan 2019 21:03

Tgt Ion: 41 Resp: 11325

Ion Ratio Lower Upper

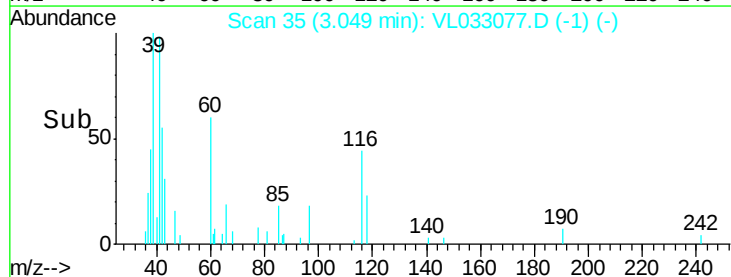
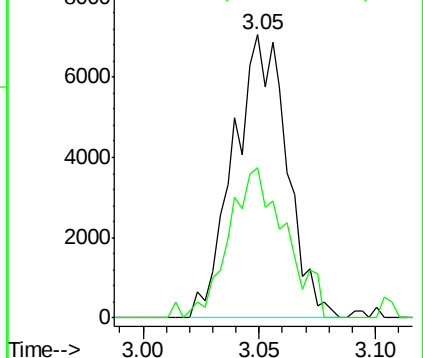
41 100

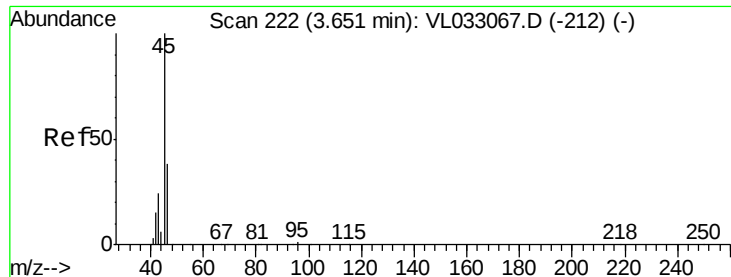
42 56.7 55.3 82.9



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





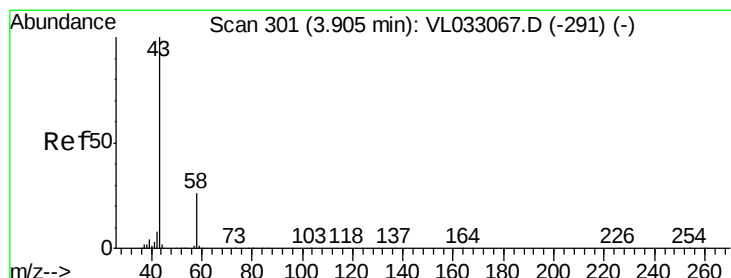
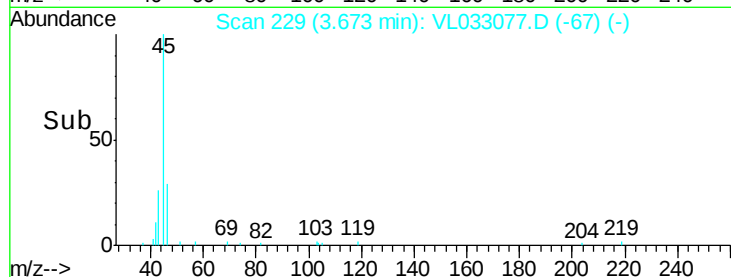
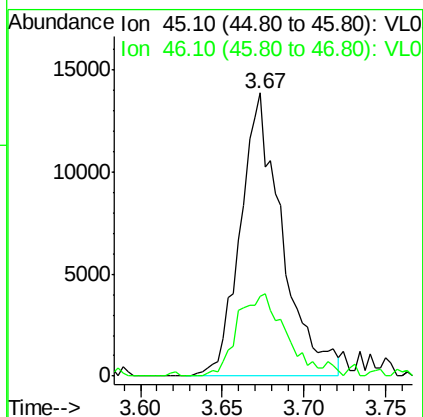
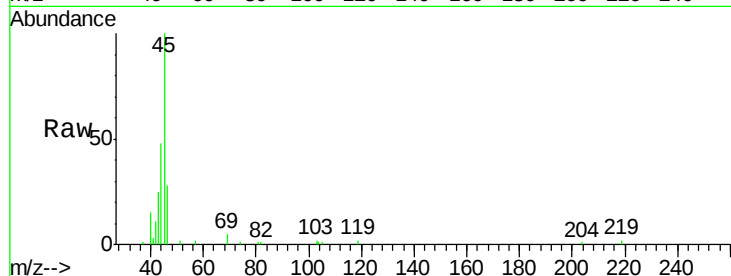
#13
Ethanol
Concen: 1.410 ppbv m
RT: 3.67 min Scan# 229
Delta R.T. 0.02 min
Lab File: VL033077.D
Acq: 4 Jan 2019 21:03

Instrument :
MSVOA_L
ClientSampleId :
SVI-OA1-2018-12-19DL

Tot Ion: 45 Resp: 24639
Ion Ratio Lower Upper
45 100
46 35.7 13.8 55.2

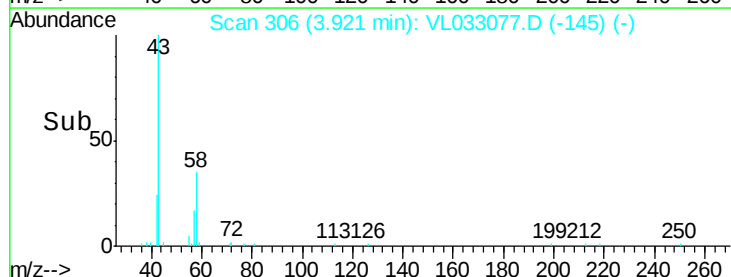
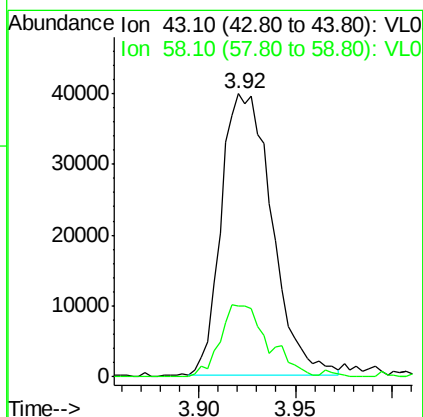
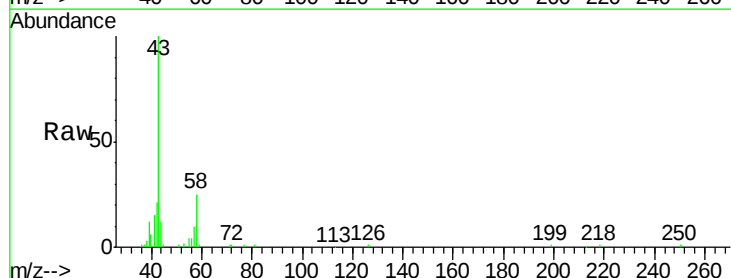
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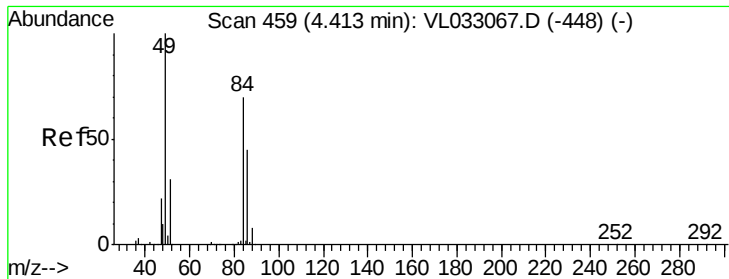
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#15
Acetone
Concen: 0.506 ppbv
RT: 3.92 min Scan# 306
Delta R.T. 0.02 min
Lab File: VL033077.D
Acq: 4 Jan 2019 21:03

Tgt Ion: 43 Resp: 72575
Ion Ratio Lower Upper
43 100
58 24.5 21.1 31.7





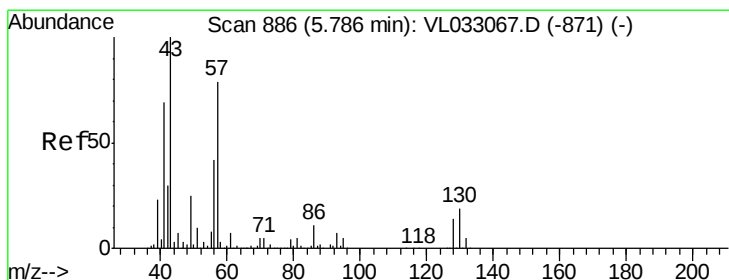
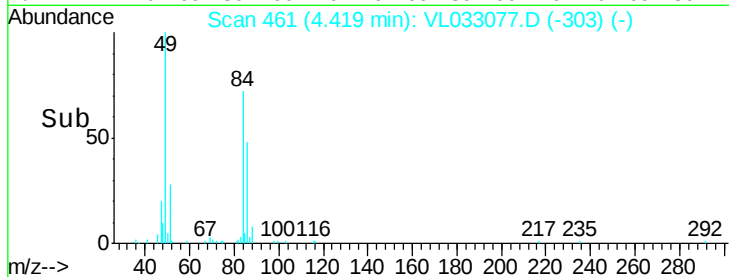
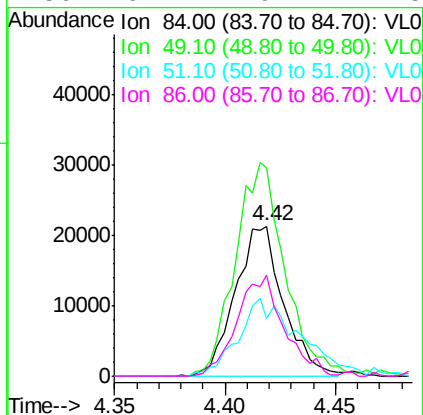
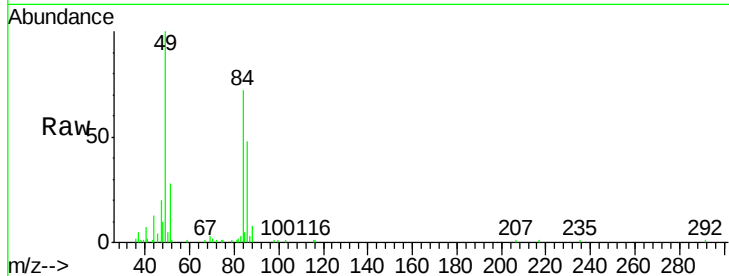
#20
Methvlene Chloride
Concen: 0.542 ppbv
RT: 4.42 min Scan# 461
Delta R.T. 0.01 min
Lab File: VL033077.D
Acq: 4 Jan 2019 21:03

Instrument :
MSVOA_L
ClientSampleId :
SVI-OA1-2018-12-19DL

Tot Ion	Ratio	Lower	Upper
84	100		
49	139.1	115.8	173.6
51	38.5	35.7	53.5
86	67.2	49.7	74.5

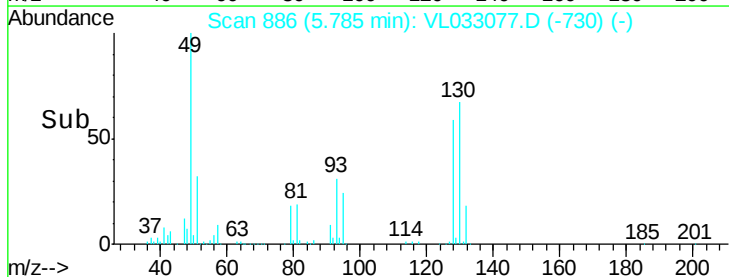
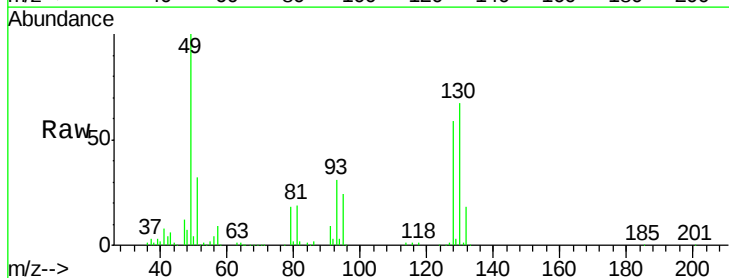
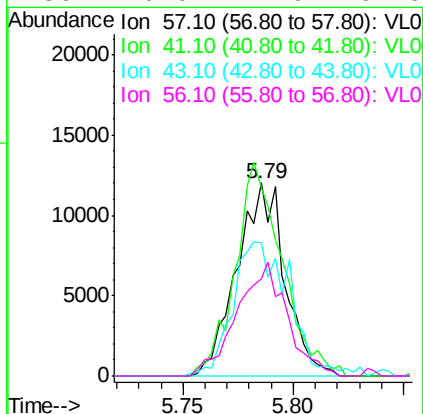
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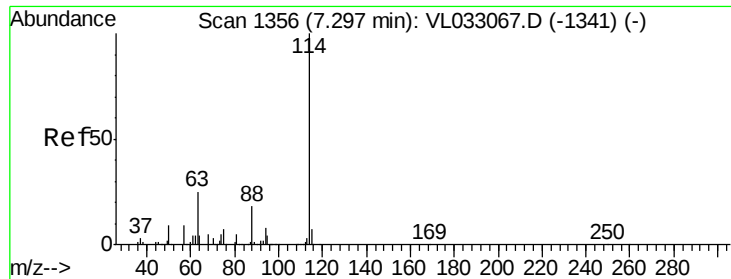
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#26
Hexane
Concen: 0.160 ppbv m
RT: 5.79 min Scan# 886
Delta R.T. 0.00 min
Lab File: VL033077.D
Acq: 4 Jan 2019 21:03

Tgt Ion	Ratio	Lower	Upper
57	100		
41	108.3	70.8	106.2#
43	84.6	171.8	257.6#
56	0.0	41.9	62.9#





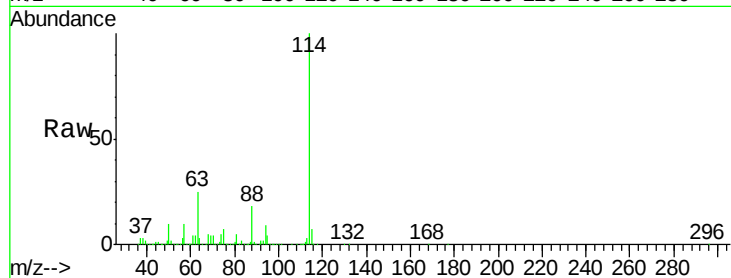
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.29 min Scan# 1355
 Delta R.T. -0.00 min
 Lab File: VL033077.D
 Acq: 4 Jan 2019 21:03

Instrument :
 MSVOA_L
 ClientSampleId :
 SVI-OA1-2018-12-19DL

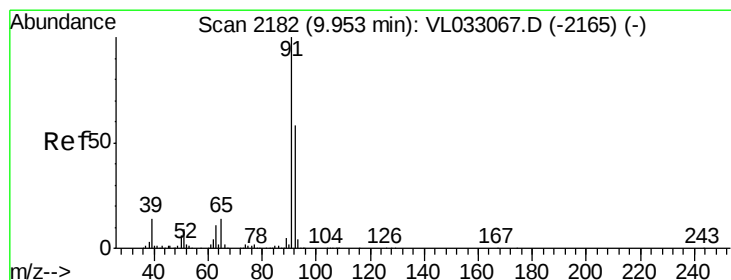
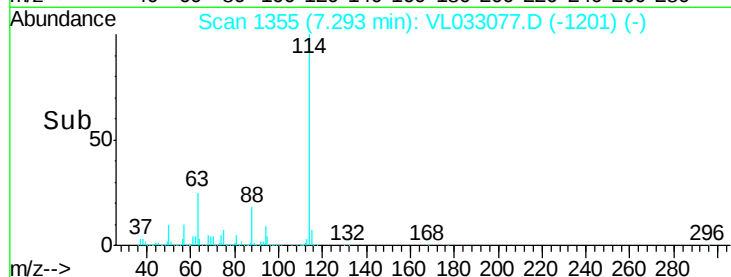
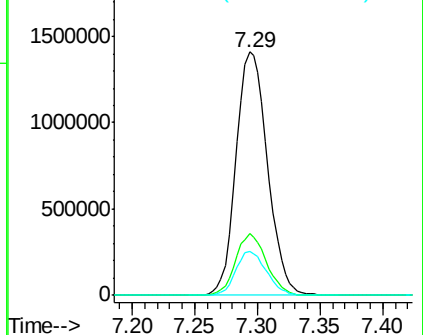
Tot Ion	Ratio	Lower	Upper
114	100		
63	24.9	20.1	30.1
88	17.6	14.0	21.0

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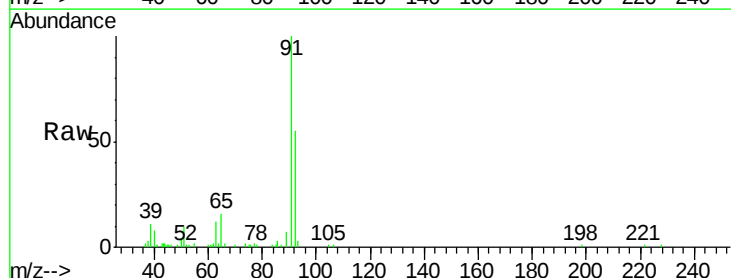


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

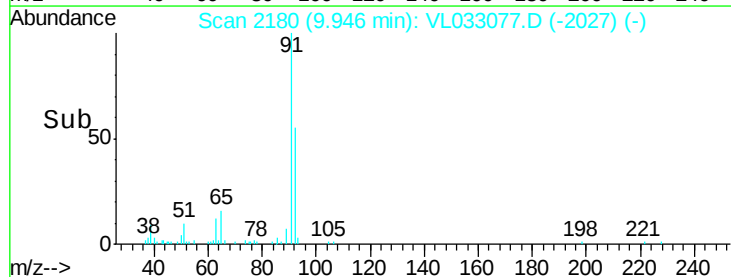
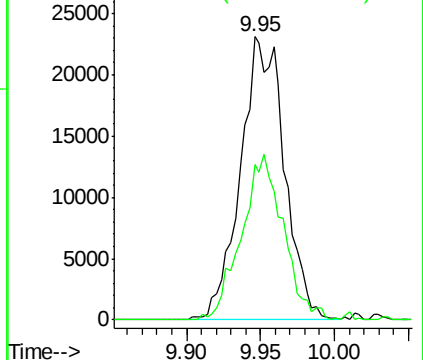


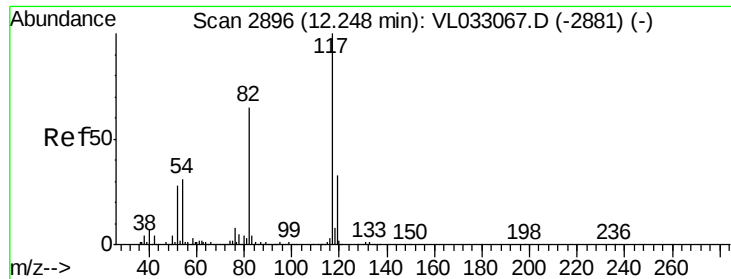
#53
 Toluene
 Concen: 0.221 ppbv m
 RT: 9.95 min Scan# 2180
 Delta R.T. -0.01 min
 Lab File: VL033077.D
 Acq: 4 Jan 2019 21:03

Tgt Ion	Ratio	Lower	Upper
91	100		
92	0.0	47.7	71.5#



Abundance Ion 91.10 (90.80 to 91.80): VL0
 Ion 92.10 (91.80 to 92.80): VL0





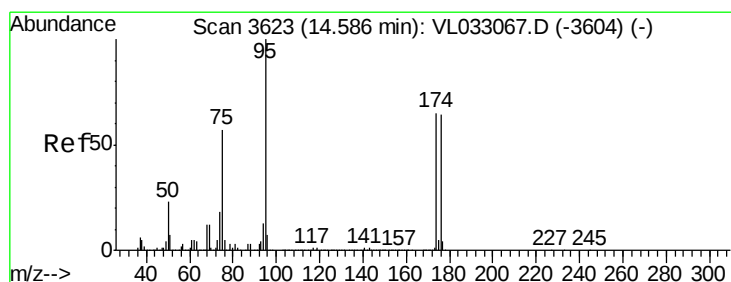
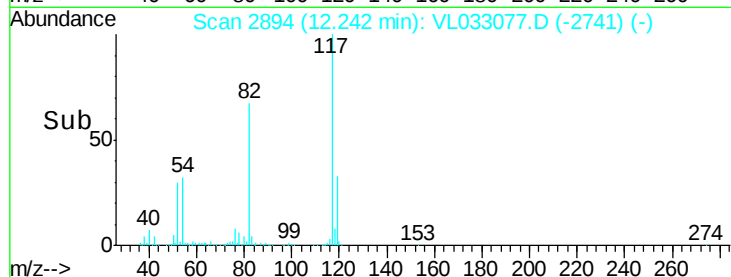
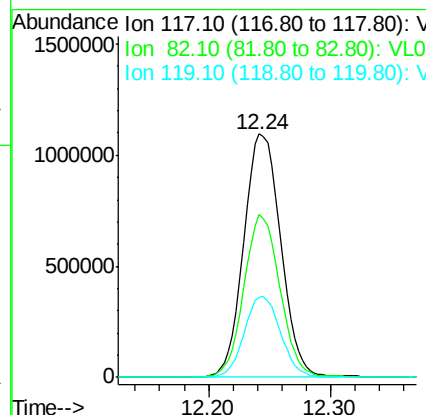
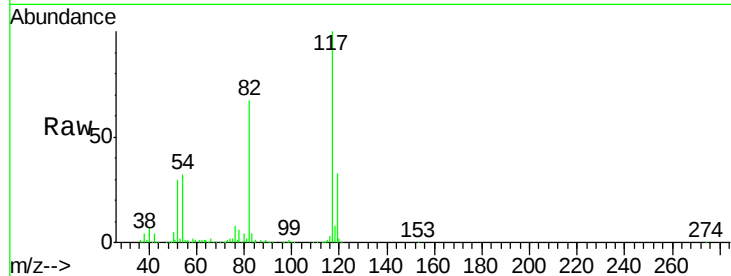
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2894
Delta R.T. -0.01 min
Lab File: VL033077.D
Acq: 4 Jan 2019 21:03

Instrument :
MSVOA_L
ClientSampleId :
SVI-OA1-2018-12-19DL

Tot Ion	Ratio	Lower	Upper
117	100		
82	65.7	48.9	73.3
119	32.6	24.6	37.0

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.040 ppbv
RT: 14.58 min Scan# 3621
Delta R.T. -0.01 min
Lab File: VL033077.D
Acq: 4 Jan 2019 21:03

Tgt Ion	Ratio	Lower	Upper
95	100		
174	65.7	51.9	77.9
175	4.7	3.9	5.9

