

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL012819\
 Data File : VL033127.D
 Acq On : 29 Jan 2019 4:25
 Operator : SY/AP
 Sample : K1245-01DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 S-01DL

Manual Integrations
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Quant Time: Jan 29 07:02:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL012819AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Tue Jan 29 2019
 QLast Update : Tue Jan 29 06:21:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	1181249	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	2974288	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	2558475	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.57	95	1886365	9.75	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.50%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.05	41	14683	0.241	ppbv #	79
13) Ethanol	3.65	45	295872	13.510	ppbv	99
15) Acetone	3.92	43	85752	0.538	ppbv	100
20) Methylene Chloride	4.41	84	25337	0.350	ppbv	94
26) Hexane	5.78	57	19050	0.140	ppbv #	61
29) Chloroform	5.84	83	43247m	0.193	ppbv	
52) Tetrachloroethene	11.37	164	17498	0.200	ppbv	91

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

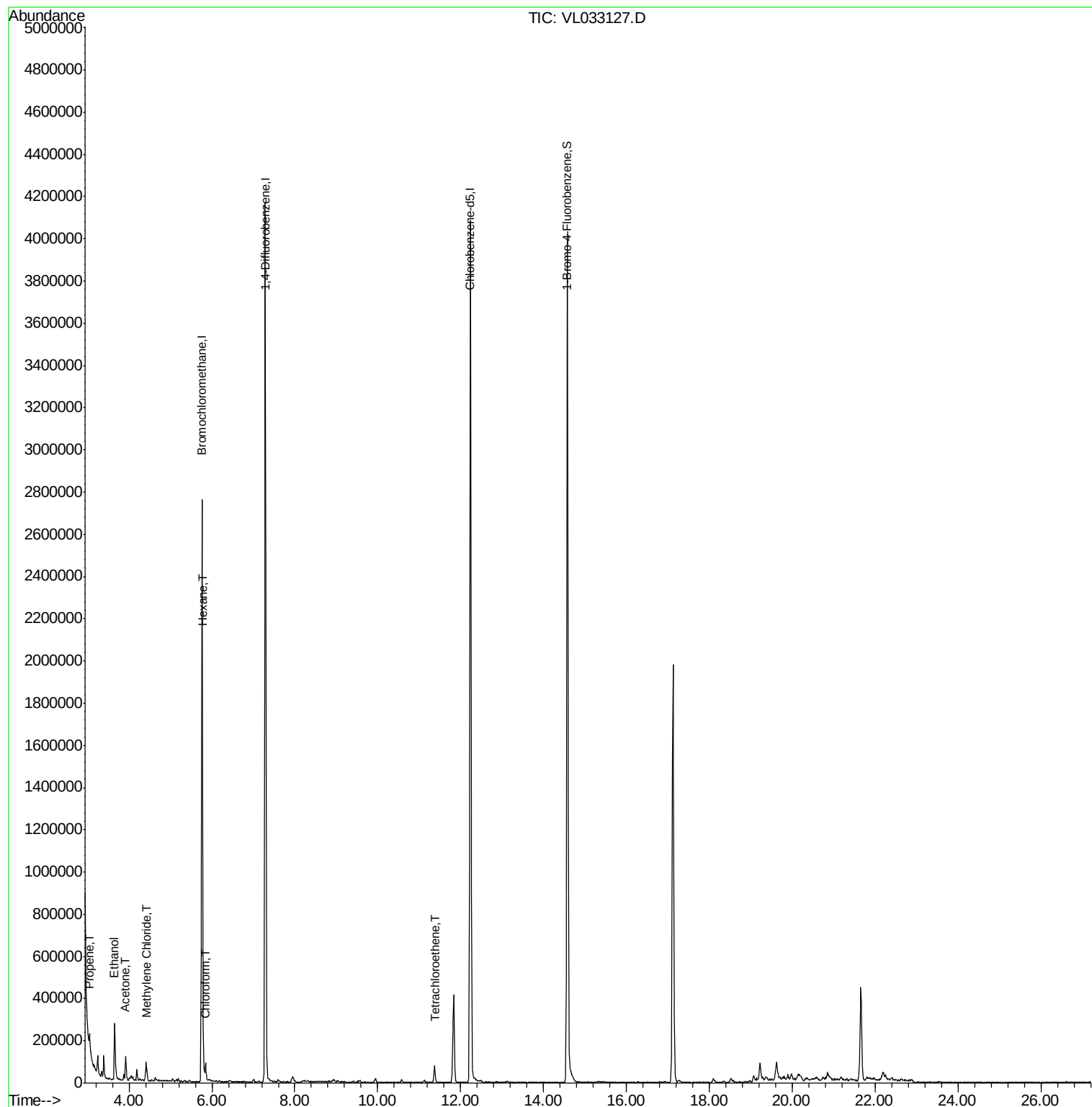
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Data File : VL033127.D
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Operator : SY/AP
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Misc : 400ml/MSVOA L
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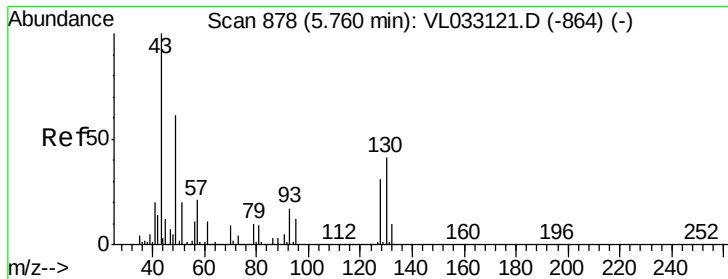
Instrument :
MSVOA_L
ClientSampleId :
S-01DL

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Quant Time: Jan 29 07:02:28 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL012819AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Jan
QLast Update : Tue Jan 29 06:21:00 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.76 min Scan# 878

Delta R.T. -0.00 min

Lab File: VL033127.D

Acq: 29 Jan 2019 4:25

Instrument :

MSVOA_L

ClientSampled :

S-01DL

Tot Ion: 49 Resp: 1181249

Ion Ratio Lower Upper

49 100

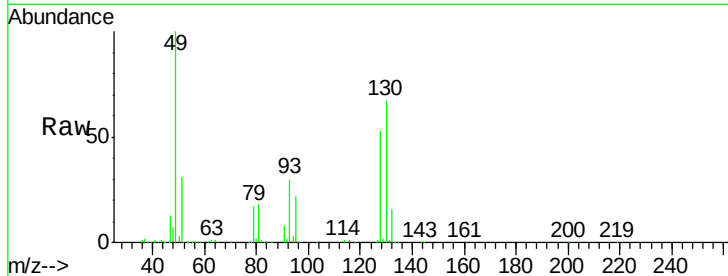
128 53.5 25.9 77.7

130 68.8 32.9 98.7

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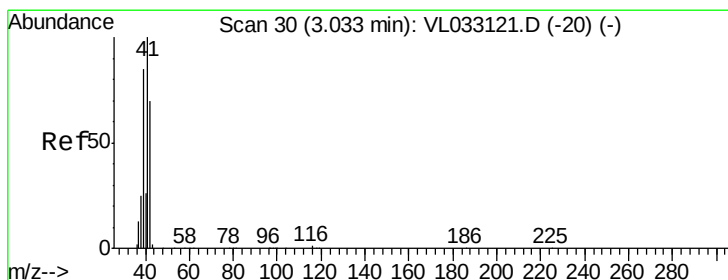
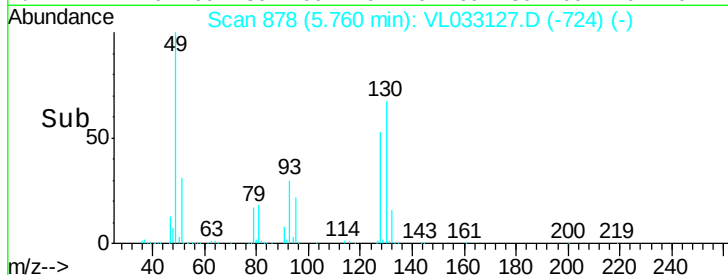
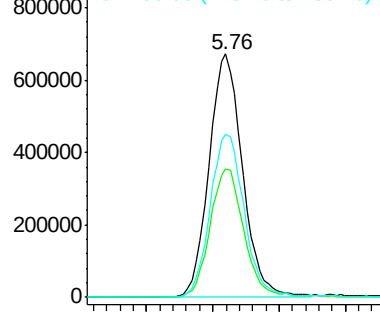
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#9

Propene

Concen: 0.241 ppbv

RT: 3.05 min Scan# 34

Delta R.T. 0.01 min

Lab File: VL033127.D

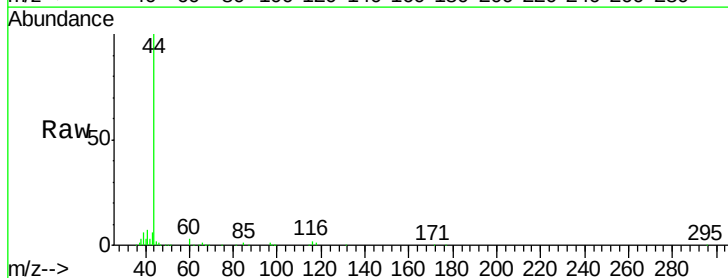
Acq: 29 Jan 2019 4:25

Tgt Ion: 41 Resp: 14683

Ion Ratio Lower Upper

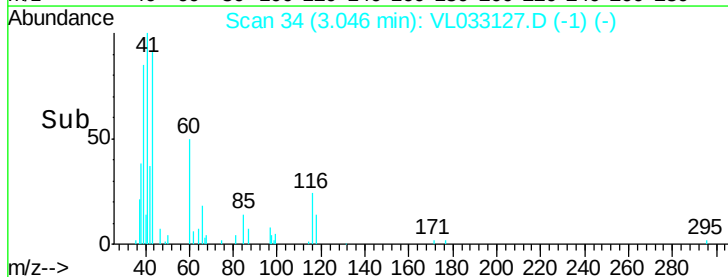
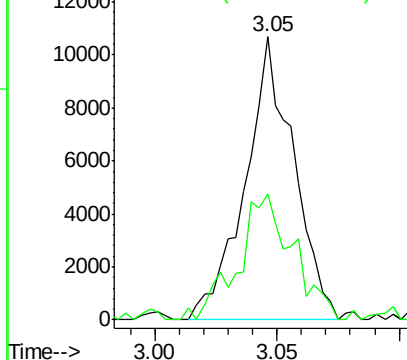
41 100

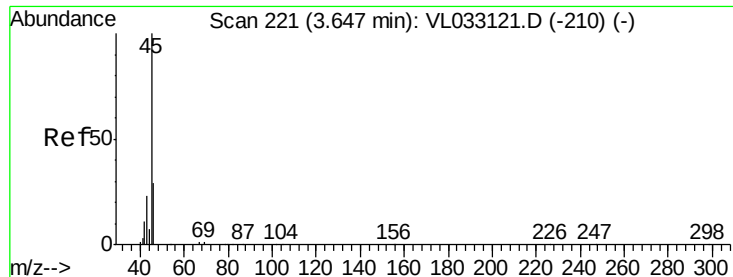
42 51.0 54.6 82.0#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





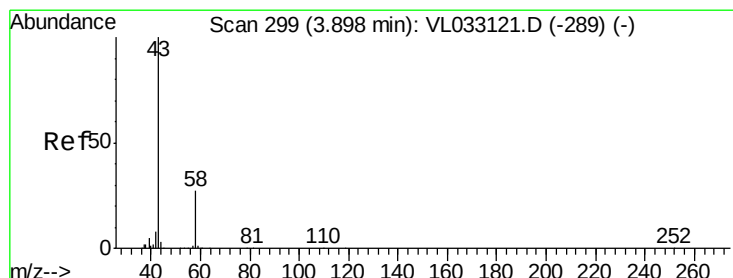
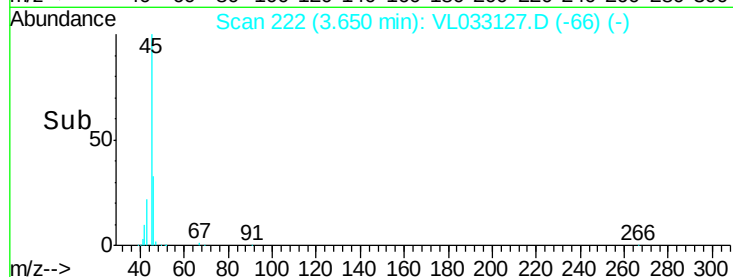
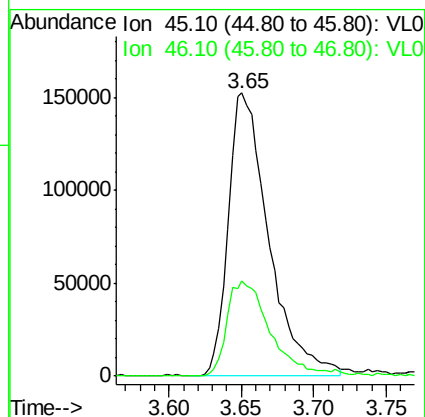
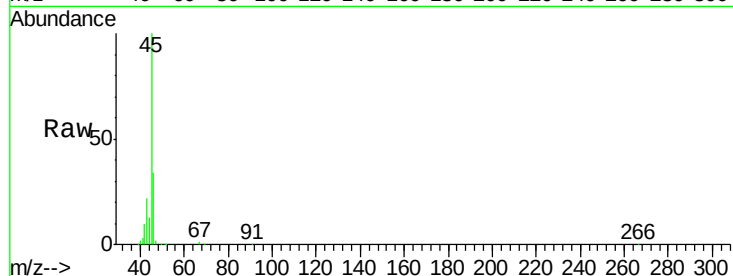
#13
Ethanol
Concen: 13.510 ppbv
RT: 3.65 min Scan# 222
Delta R.T. 0.00 min
Lab File: VL033127.D
Acq: 29 Jan 2019 4:25

Instrument :
MSVOA_L
ClientSampleId :
S-01DL

Tot Ion: 45 Resp: 295872
Ion Ratio Lower Upper
45 100
46 36.7 15.0 60.2

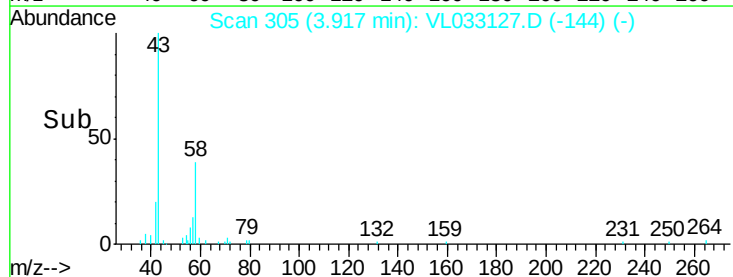
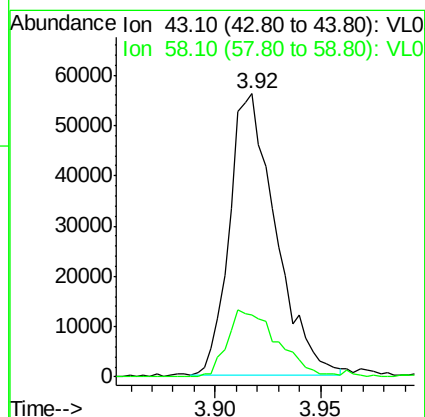
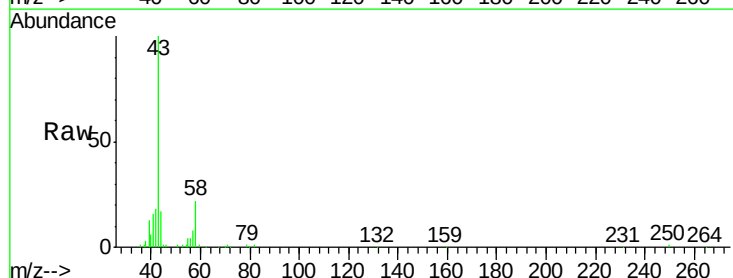
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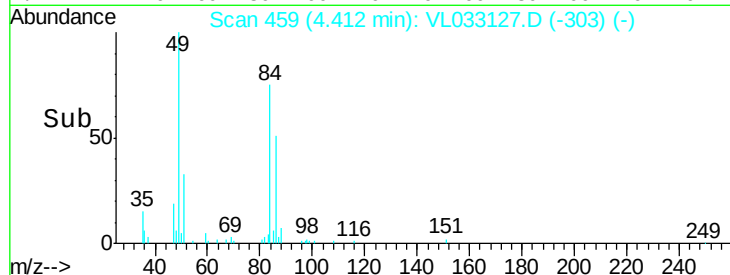
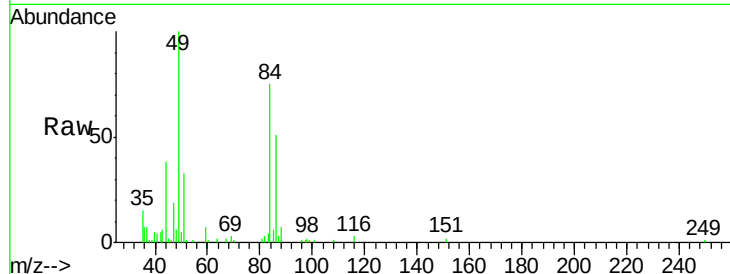
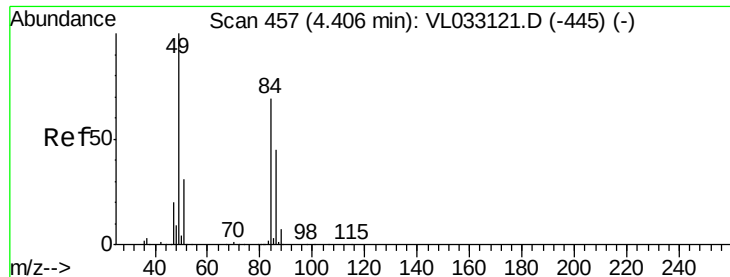
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#15
Acetone
Concen: 0.538 ppbv
RT: 3.92 min Scan# 305
Delta R.T. 0.02 min
Lab File: VL033127.D
Acq: 29 Jan 2019 4:25

Tgt Ion: 43 Resp: 85752
Ion Ratio Lower Upper
43 100
58 26.6 21.1 31.7





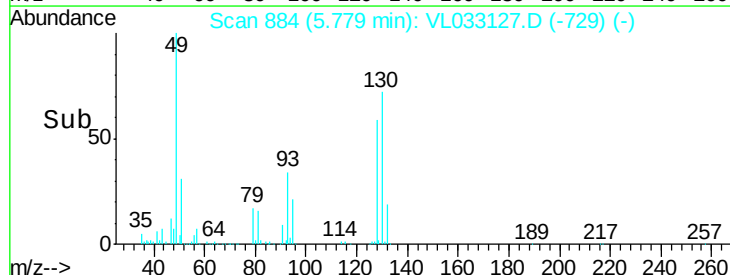
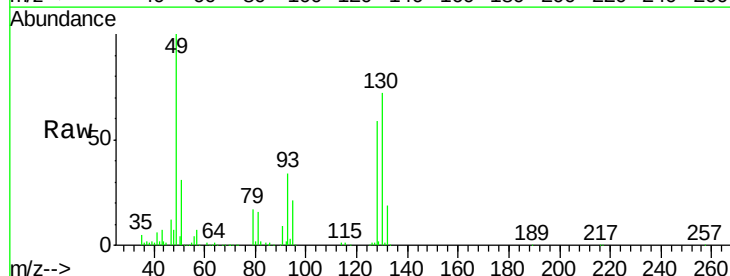
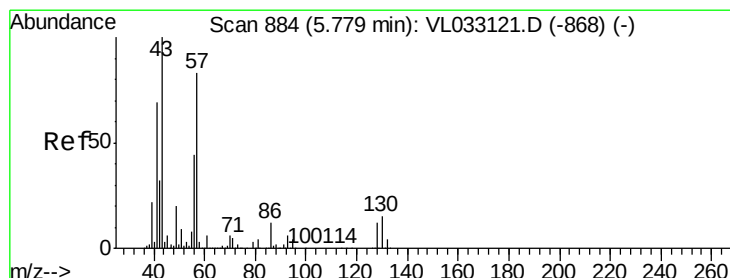
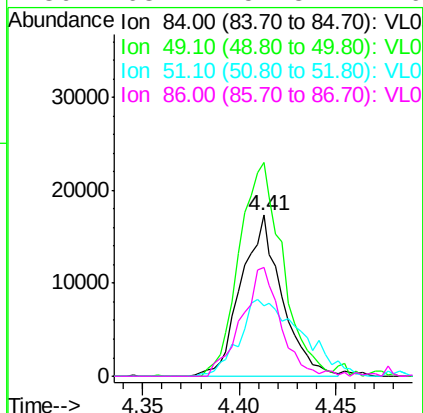
#20
Methvlene Chloride
Concen: 0.350 ppbv
RT: 4.41 min Scan# 459
Delta R.T. 0.00 min
Lab File: VL033127.D
Acq: 29 Jan 2019 4:25

Tot Ion:	84	Resp:	25337
Ion Ratio	Lower	Upper	
84	100		
49	132.9	113.8	170.6
51	43.6	34.5	51.7
86	68.1	51.8	77.6

Instrument :
MSVOA_L
ClientSampleId :
S-01DL

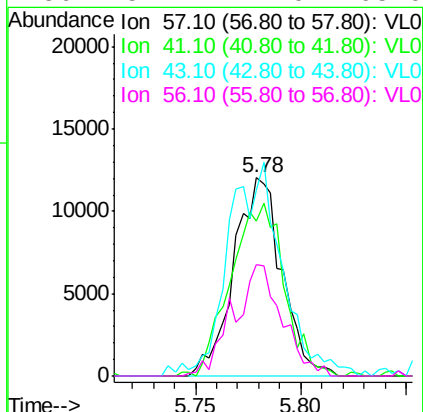
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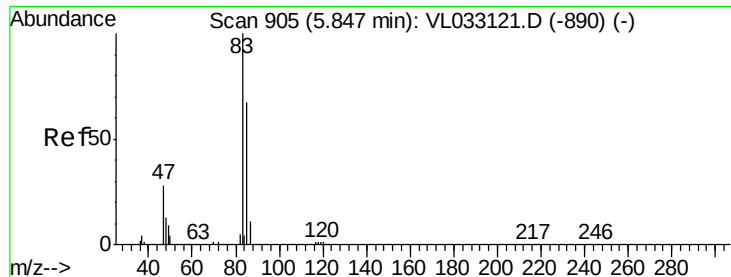
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#26
Hexane
Concen: 0.140 ppbv
RT: 5.78 min Scan# 884
Delta R.T. -0.00 min
Lab File: VL033127.D
Acq: 29 Jan 2019 4:25

Tgt Ion:	57	Resp:	19050
Ion Ratio	Lower	Upper	
57	100		
41	98.0	69.9	104.9
43	120.5	169.0	253.4
56	57.4	42.0	63.0





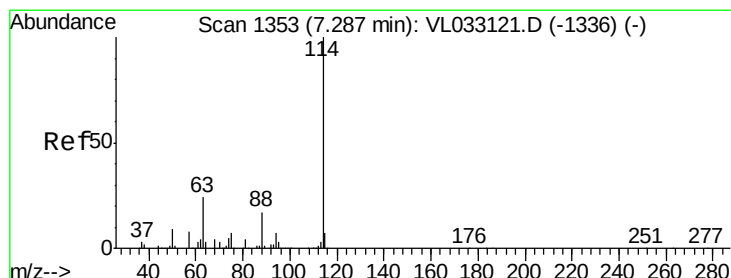
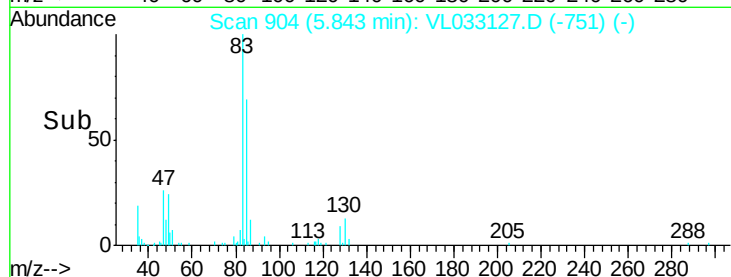
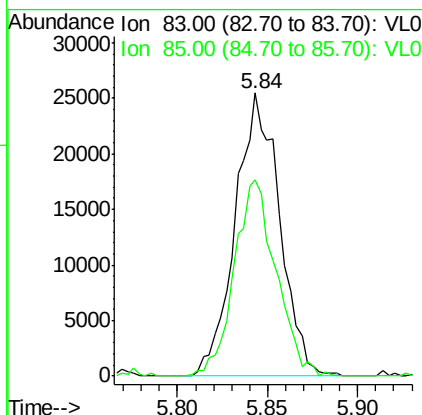
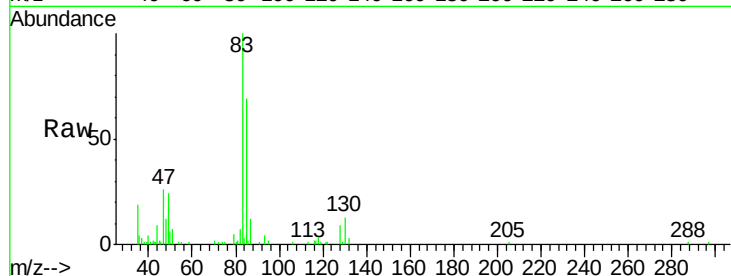
#29
Chloroform
Concen: 0.193 ppbv m
RT: 5.84 min Scan# 904
Delta R.T. -0.01 min
Lab File: VL033127.D
Acq: 29 Jan 2019 4:25

Instrument :
MSVOA_L
ClientSampled :
S-01DL

Tot Ion	83	Resp	43247
Ion Ratio	100	Lower	Upper
85	69.2	50.4	75.6

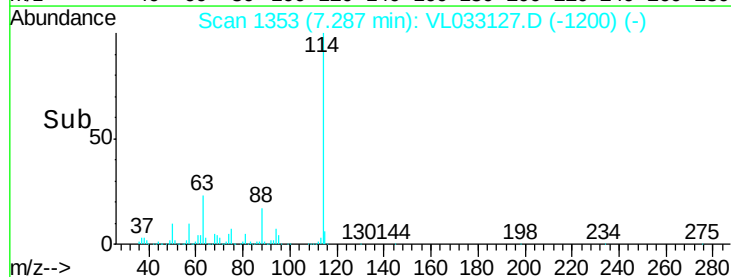
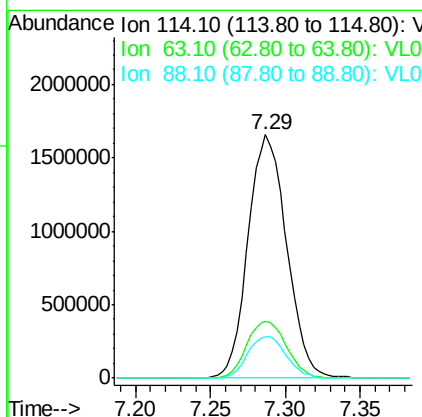
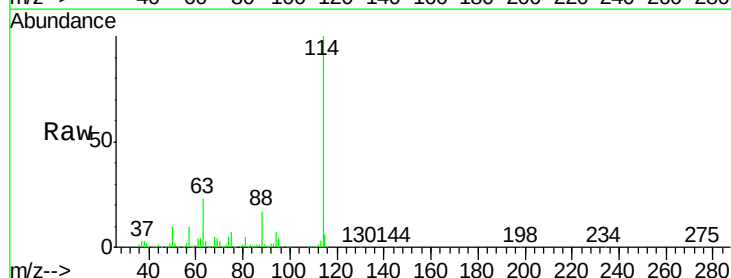
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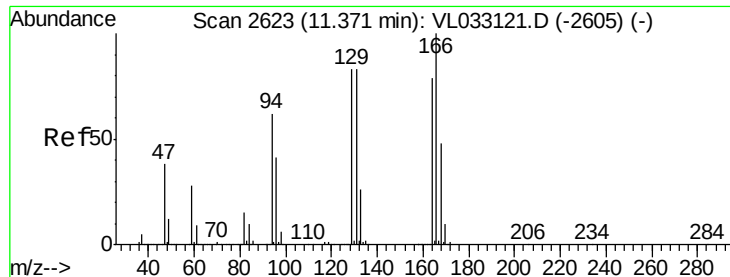
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.29 min Scan# 1353
Delta R.T. -0.01 min
Lab File: VL033127.D
Acq: 29 Jan 2019 4:25

Tgt Ion	114	Resp	2974288
Ion Ratio	100	Lower	Upper
63	24.3	19.8	29.8
88	17.3	14.2	21.2





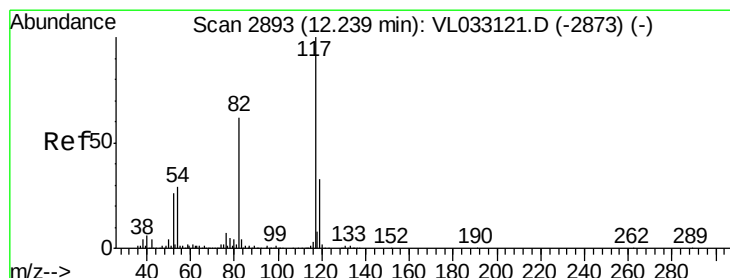
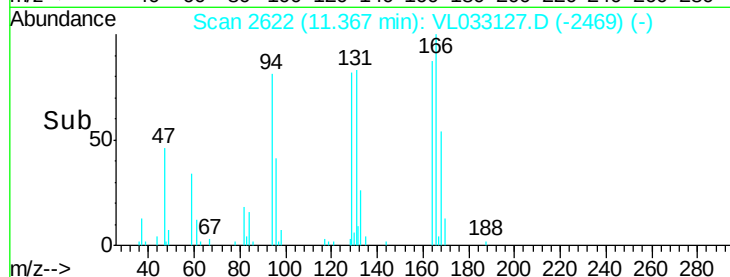
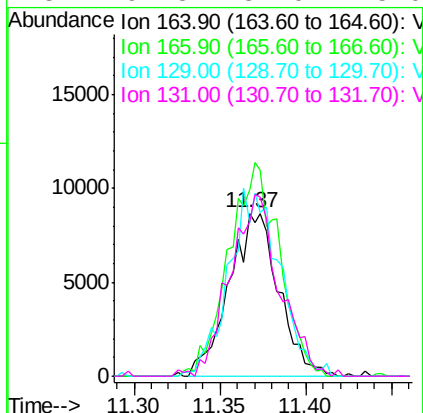
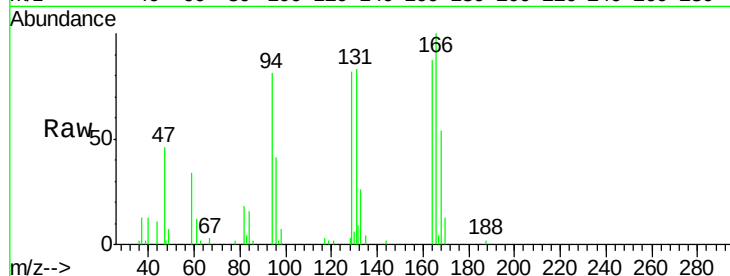
#52
Tetrachloroethene
Concen: 0.200 ppbv
RT: 11.37 min Scan# 2622
Delta R.T. -0.01 min
Lab File: VL033127.D
Acq: 29 Jan 2019 4:25

Instrument :
MSVOA_L
ClientSampled :
S-01DL

Tot Ion	Ratio	Lower	Upper
164	100		
166	119.4	101.3	151.9
129	93.9	83.3	124.9
131	92.3	82.0	123.0

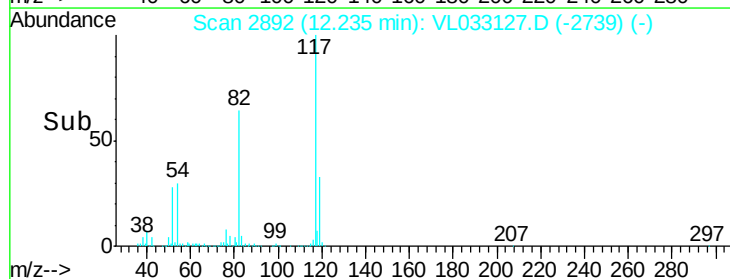
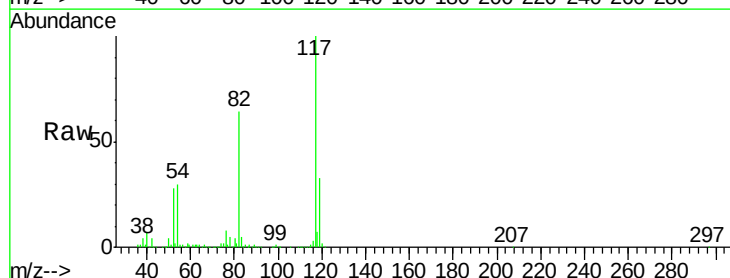
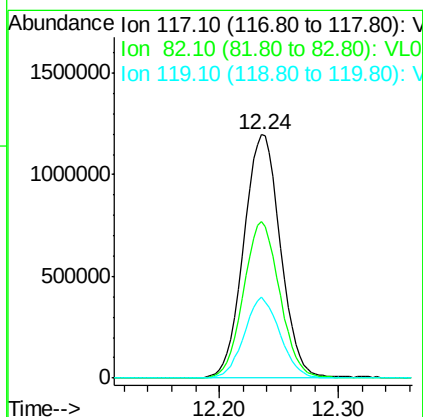
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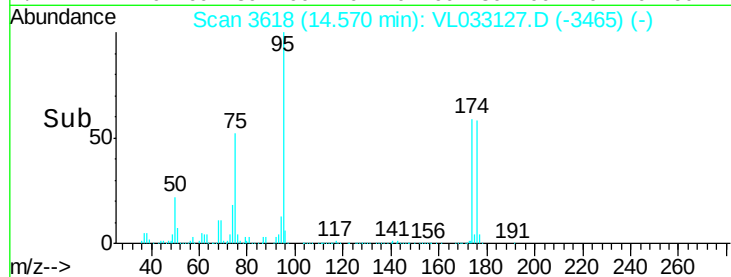
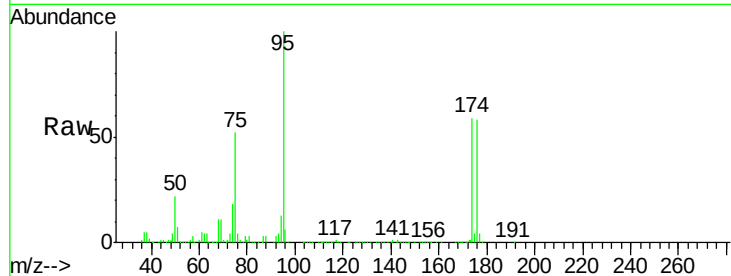
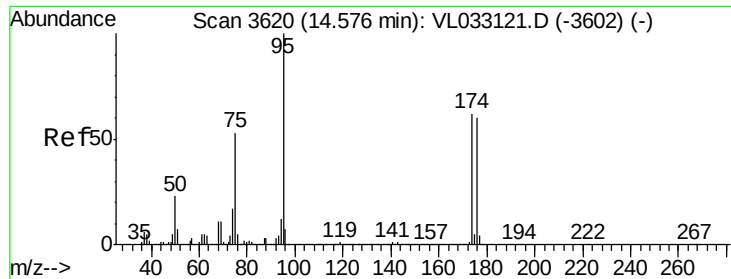
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#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2892
Delta R.T. -0.01 min
Lab File: VL033127.D
Acq: 29 Jan 2019 4:25

Tgt Ion	Ratio	Lower	Upper
117	100		
82	63.9	48.3	72.5
119	32.4	25.9	38.9





#68

1-Bromo-4-Fluorobenzene

Concen: 9.747 ppbv

RT: 14.57 min Scan# 3618

Delta R.T. -0.01 min

Lab File: VL033127.D

Acq: 29 Jan 2019 4:25

Tot Ion: 95 Resp: 1886365

Ion Ratio Lower Upper

95 100

174 64.6 51.4 77.2

175 4.8 4.0 6.0

Instrument :

MSVOA_L

ClientSampleId :

S-01DL

Manual Integrations
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