

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL041218\
 Data File : VL031877.D
 Acq On : 12 Apr 2018 22:41
 Operator : SY/AP
 Sample : J2191-06DL 40X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SVE-INF1-040218DL

Manual Integrations
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Quant Time: Apr 14 04:11:54 2018
 Quant Method : W:\HPCHEM1\MSVOA L\METHODS\VL041218AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Apr 13 2018
 QLast Update : Fri Apr 13 16:50:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.89	49	1367733	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.43	114	2827473	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.39	117	2696264	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.73	95	2167378	10.00	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
20) Methylene Chloride	4.52	84	92408	1.205	ppbv	# 88
24) 1,1-Dichloroethane	5.21	63	145874	0.686	ppbv	97
31) cis-1,2-Dichloroethene	5.76	61	44115m	0.318	ppbv	
32) 1,1,1-Trichloroethane	6.76	97	114159	0.452	ppbv	98
38) Trichloroethene	8.11	130	37285	0.361	ppbv	90

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

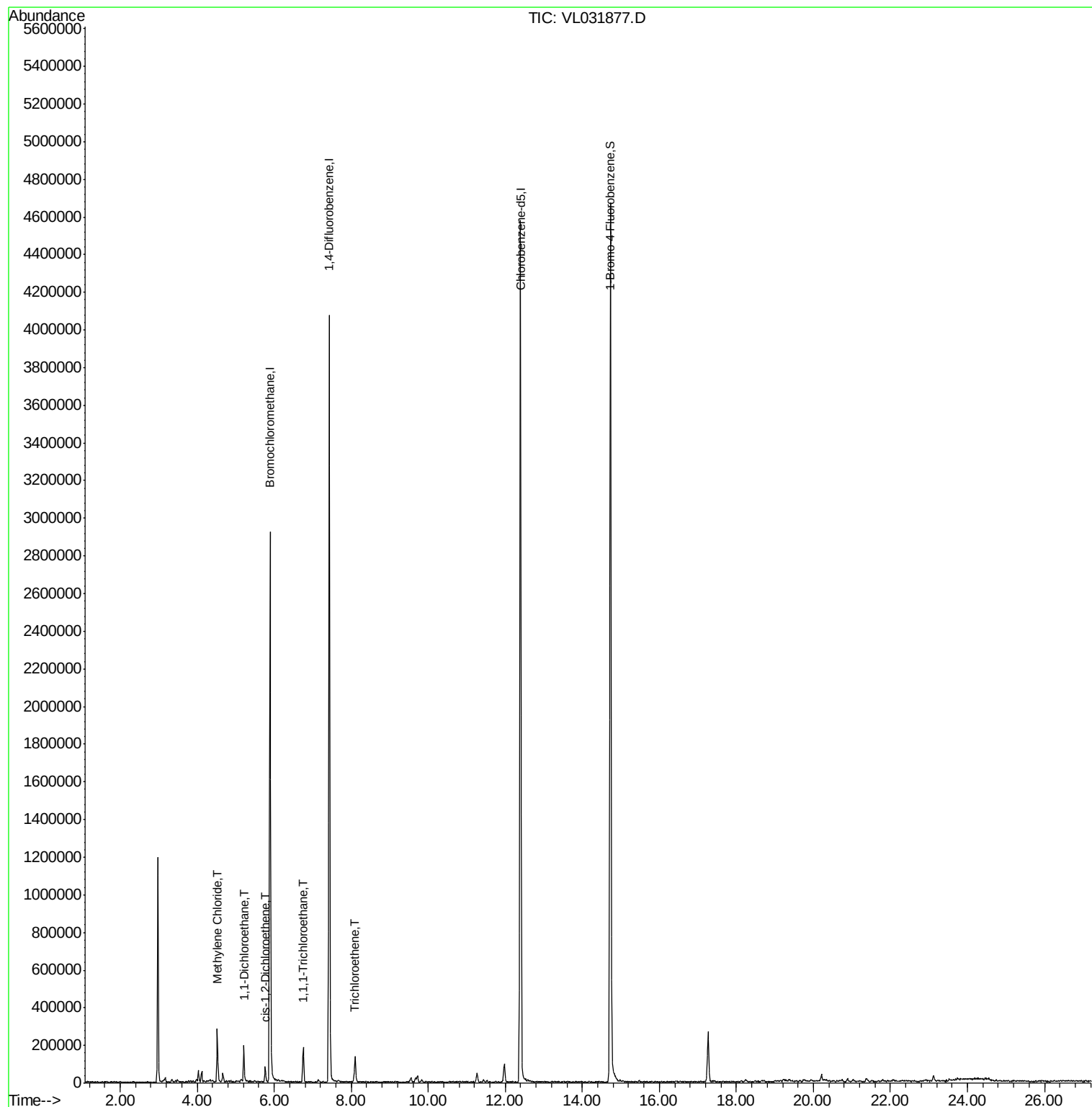
Data Path : W:\HPCHEM1\MSVOA L\DATA\VL041218\
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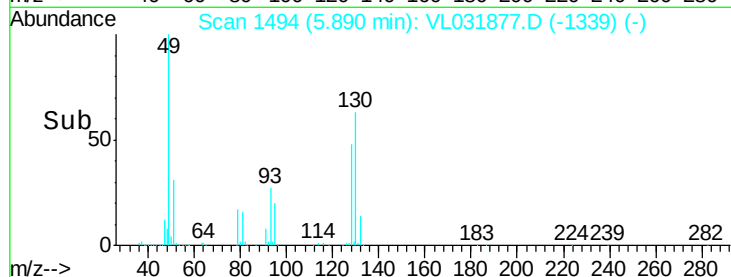
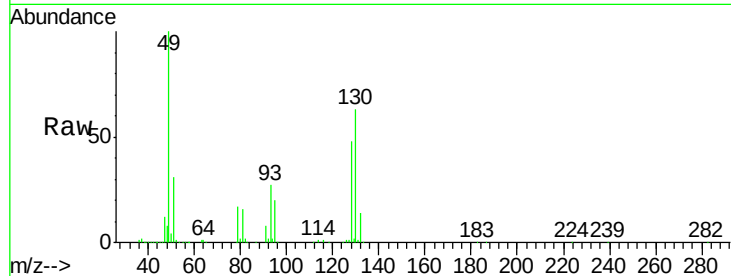
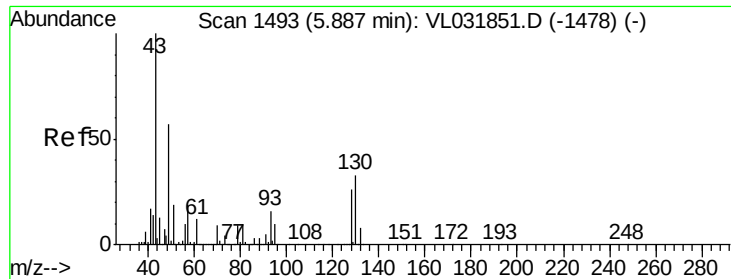
Instrument :
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ClientSampleId :
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Quant Time: Apr 14 04:11:54 2018
Quant Method : W:\HPCHEM1\MSVOA L\METHODS\VL041218AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Apr
QLast Update : Fri Apr 13 16:50:02 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.89 min Scan# 1494

Delta R.T. -0.00 min

Lab File: VL031877.D

Acq: 12 Apr 2018 22:41

Tot Ion: 49 Resp: 1367733

Ion Ratio Lower Upper

49 100

128 48.2 23.9 71.7

130 61.7 30.9 92.7

Instrument :

MSVOA_L

ClientSampleId :

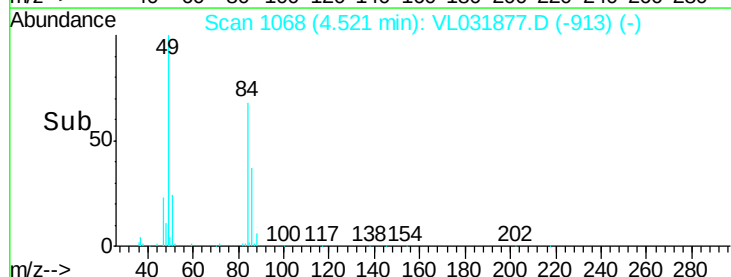
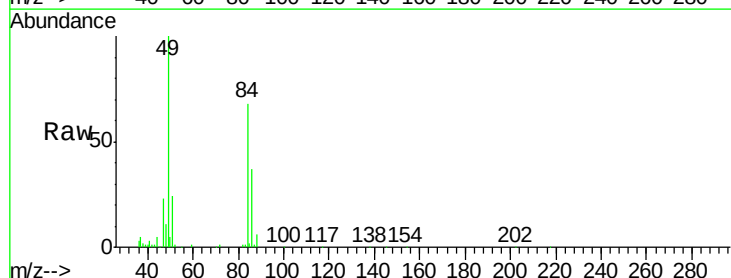
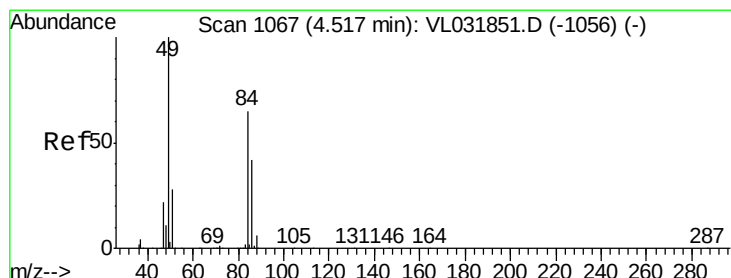
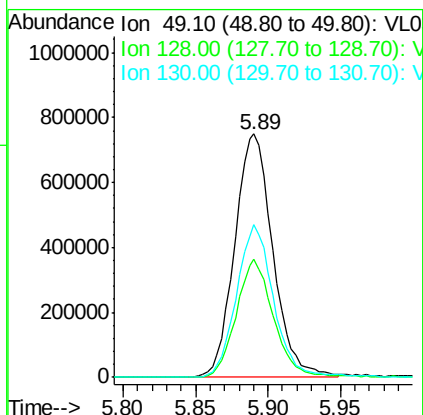
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#20

Methylene Chloride

Concen: 1.205 ppbv

RT: 4.52 min Scan# 1068

Delta R.T. -0.00 min

Lab File: VL031877.D

Acq: 12 Apr 2018 22:41

Tgt Ion: 84 Resp: 92408

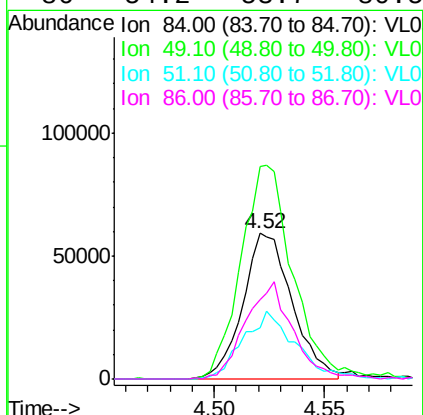
Ion Ratio Lower Upper

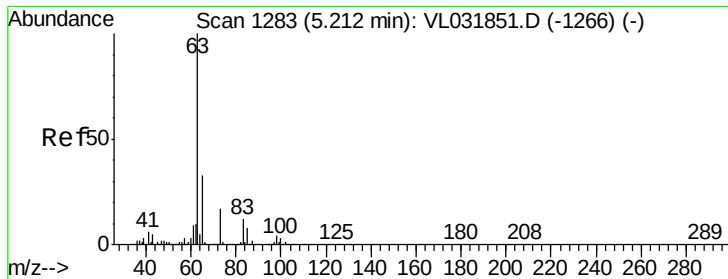
84 100

49 146.1 125.6 188.4

51 35.0 36.4 54.6#

86 54.2 53.7 80.5





#24

1,1-Dichloroethane

Concen: 0.686 ppbv

RT: 5.21 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VL031877.D

Acq: 12 Apr 2018 22:41

Instrument :

MSVOA_L

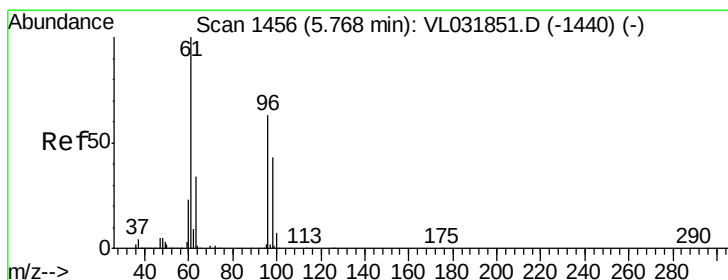
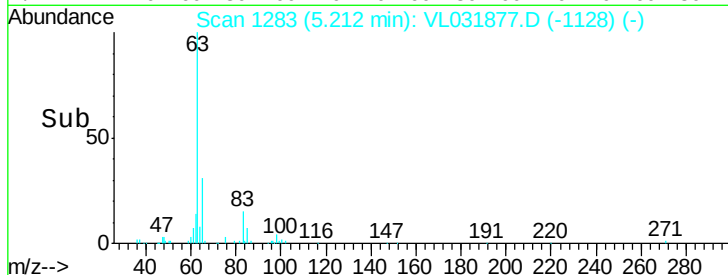
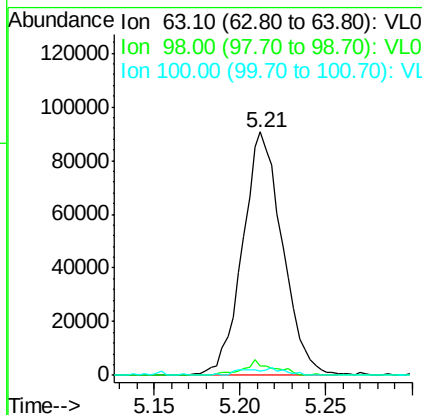
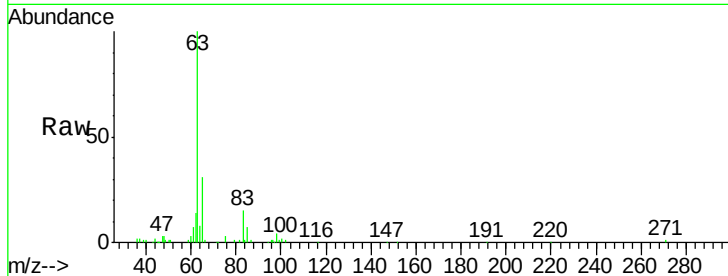
ClientSampleId :

SVE-INF1-040218DL

Tot Ion:	63	Resp:	145874
Ion Ratio	Lower	Upper	
63	100		
98	3.9	2.4	7.2
100	1.7	1.5	4.4

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#31

cis-1,2-Dichloroethene

Concen: 0.318 ppbv m

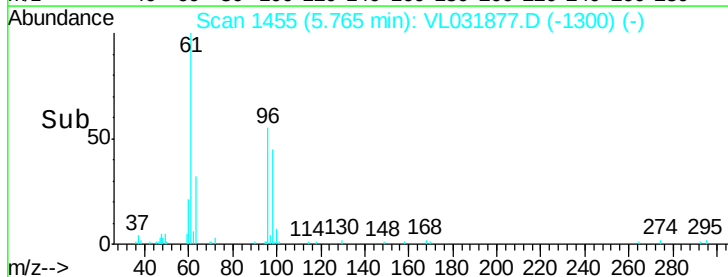
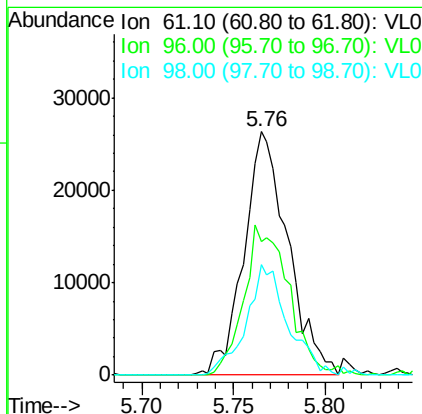
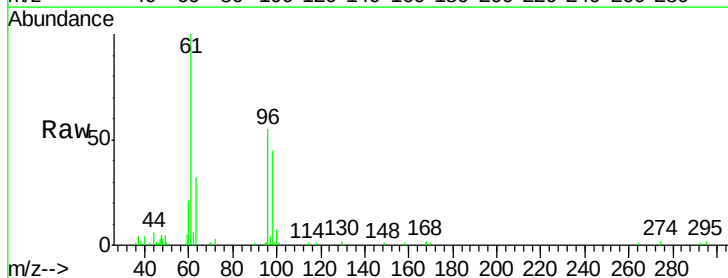
RT: 5.76 min Scan# 1455

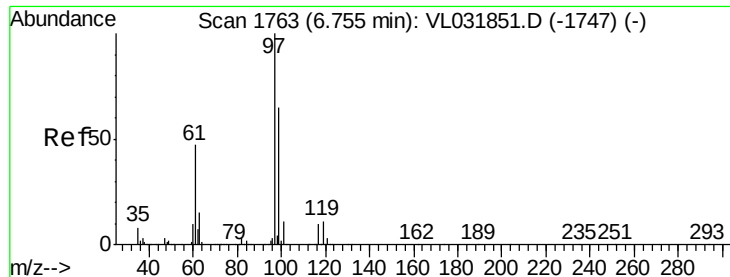
Delta R.T. -0.00 min

Lab File: VL031877.D

Acq: 12 Apr 2018 22:41

Tgt Ion:	61	Resp:	44115
Ion Ratio	Lower	Upper	
61	100		
96	54.8	47.6	71.4
98	45.3	30.3	45.5





#32

1,1,1-Trichloroethane

Concen: 0.452 ppbv

RT: 6.76 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VL031877.D

Acq: 12 Apr 2018 22:41

Instrument :

MSVOA_L

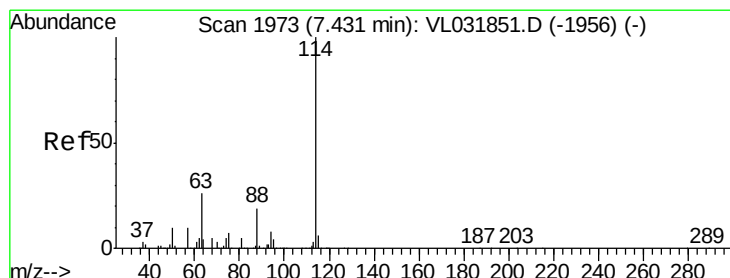
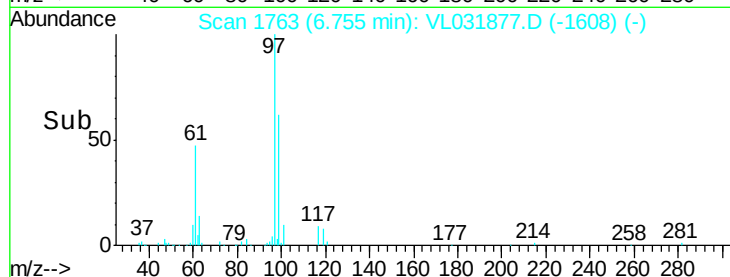
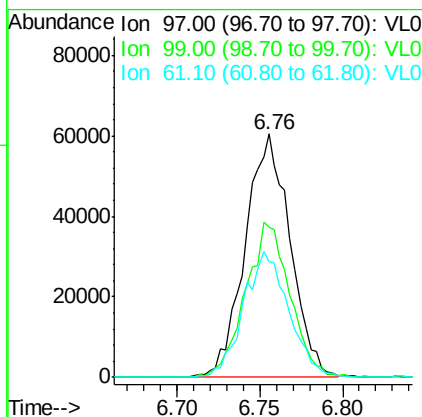
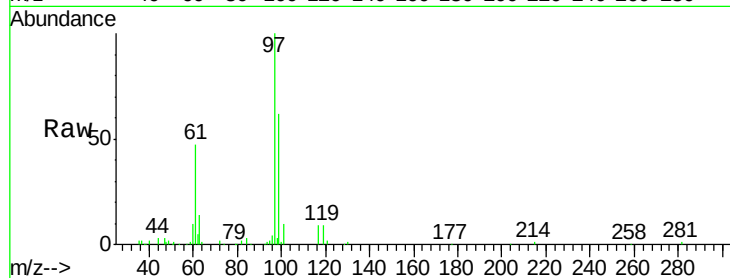
ClientSampleId :

SVE-INF1-040218DL

Tot Ion:	97	Resp:	114159
Ion	Ratio	Lower	Upper
97	100		
99	63.0	51.5	77.3
61	52.0	40.0	60.0

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#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

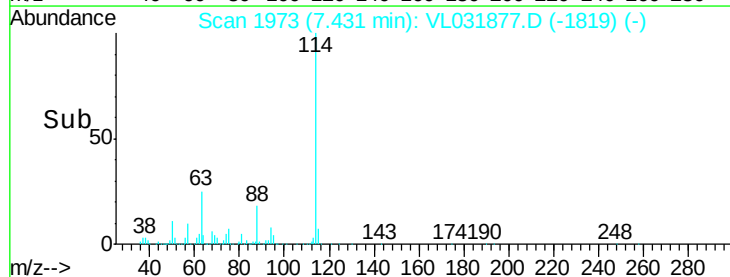
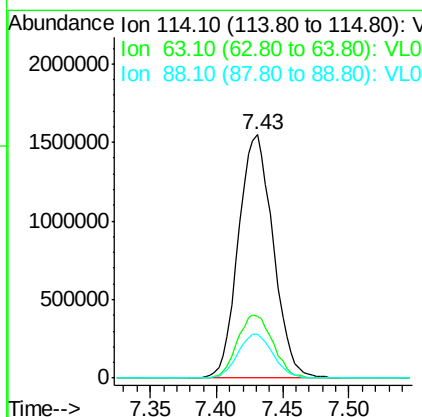
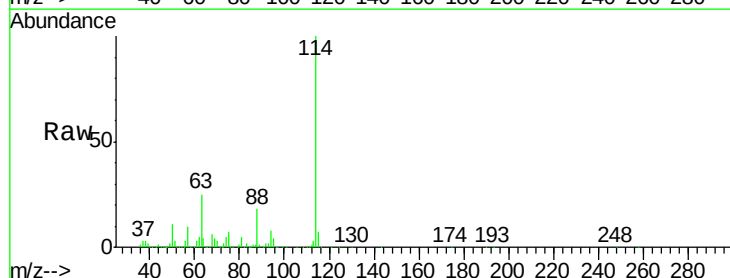
RT: 7.43 min Scan# 1973

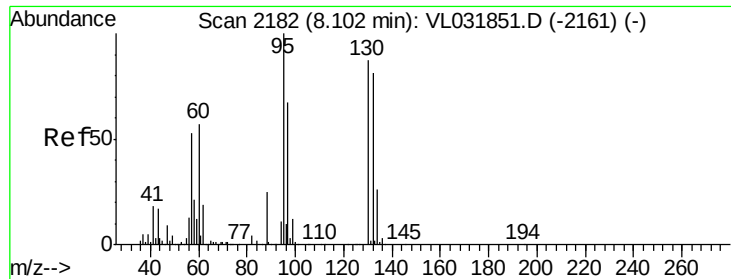
Delta R.T. -0.00 min

Lab File: VL031877.D

Acq: 12 Apr 2018 22:41

Tgt Ion:	114	Resp:	2827473
Ion	Ratio	Lower	Upper
114	100		
63	26.7	21.8	32.6
88	18.4	14.6	22.0





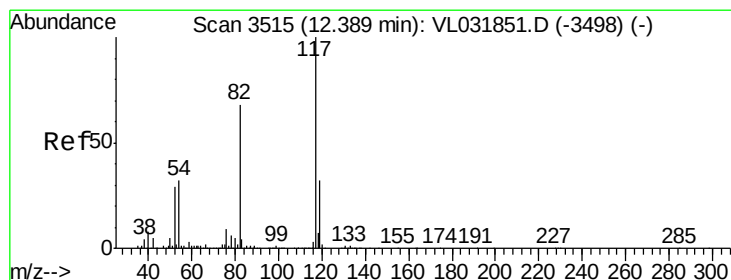
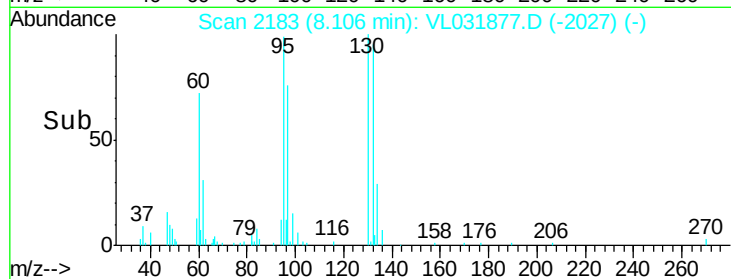
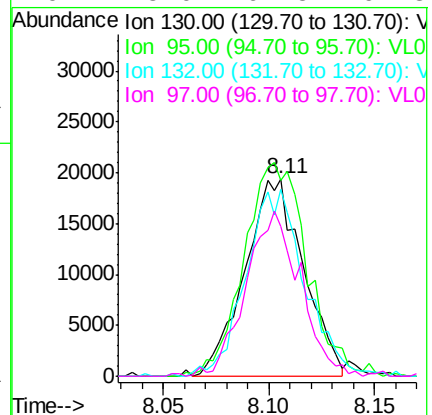
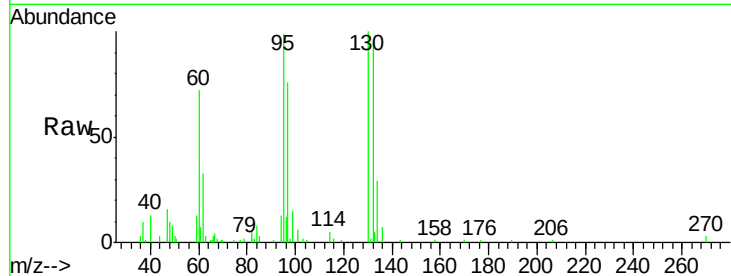
#38
 Trichloroethene
 Concen: 0.361 ppbv
 RT: 8.11 min Scan# 2183
 Delta R.T. 0.00 min
 Lab File: VL031877.D
 Acq: 12 Apr 2018 22:41

Instrument :
 MSVOA_L
 ClientSampleId :
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
130	100		37285		
95	97.5		96.6	144.8	
132	97.5		79.1	118.7	
97	75.0		61.5	92.3	

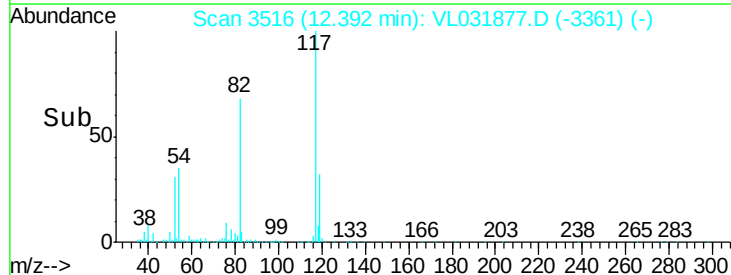
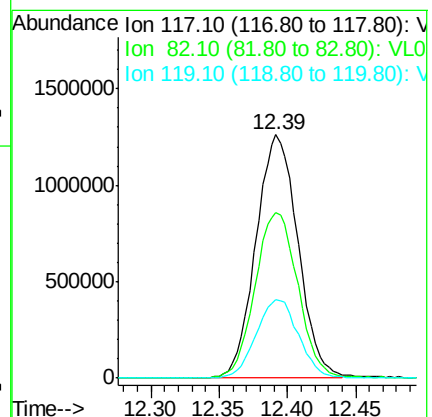
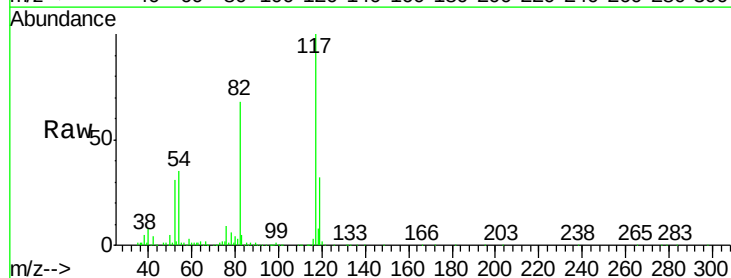
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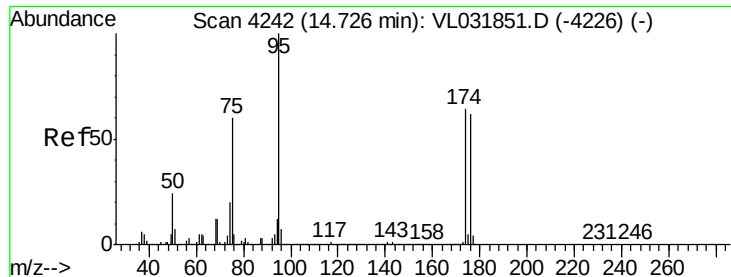
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#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.39 min Scan# 3516
 Delta R.T. -0.00 min
 Lab File: VL031877.D
 Acq: 12 Apr 2018 22:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		2696264		
82	70.1		54.6	81.8	
119	32.7		26.0	39.0	





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.997 ppbv
 RT: 14.73 min Scan# 4243
 Delta R.T. -0.00 min
 Lab File: VL031877.D
 Acq: 12 Apr 2018 22:41

Instrument :
 MSVOA_L
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Tot Ion	Ratio	Lower	Upper
95	100		
174	65.4	52.3	78.5
175	4.7	3.9	5.9

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