

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL041218\
 Data File : VL031874.D
 Acq On : 12 Apr 2018 20:44
 Operator : SY/AP
 Sample : J2191-04DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SVE-INF3-040218DL

Manual Integrations
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Quant Time: Apr 14 03:53:52 2018
 Quant Method : W:\HPCHEM1\MSVOA L\METHODS\VL041218AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Apr 13 16:50:02 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	1293057	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.43	114	2674927	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.39	117	2589278	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.73	95	2079858	9.99	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
11) Trichlorofluoromethane	4.12	101	106209	0.406	ppbv	84
13) Ethanol	3.77	45	14034m	0.795	ppbv	
15) Acetone	4.02	43	112264	0.564	ppbv	100
20) Methylene Chloride	4.52	84	34060	0.470	ppbv #	85
24) 1,1-Dichloroethane	5.21	63	260562	1.296	ppbv	98
31) cis-1,2-Dichloroethene	5.77	61	158330	1.208	ppbv	94
32) 1,1,1-Trichloroethane	6.76	97	462300	1.935	ppbv	99
38) Trichloroethene	8.10	130	894781	9.162	ppbv	95
52) Tetrachloroethene	11.53	164	7258m	0.077	ppbv	

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

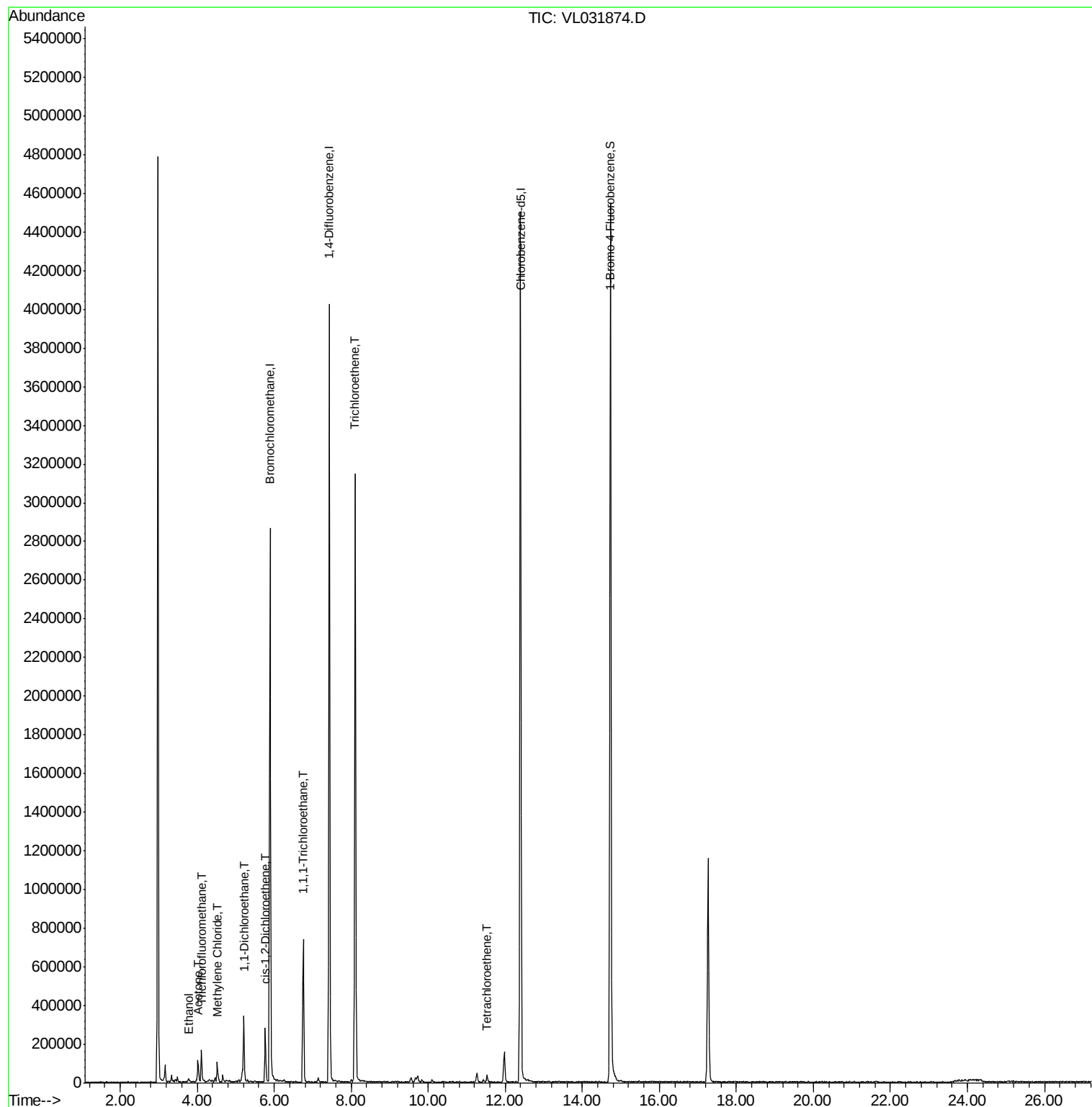
Data Path : W:\HPCHEM1\MSVOA L\DATA\VL041218\
Data File : VL031874.D
Acq On : 12 Apr 2018 20:44
Operator : SY/AP
Sample : J2191-04DL 10X
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

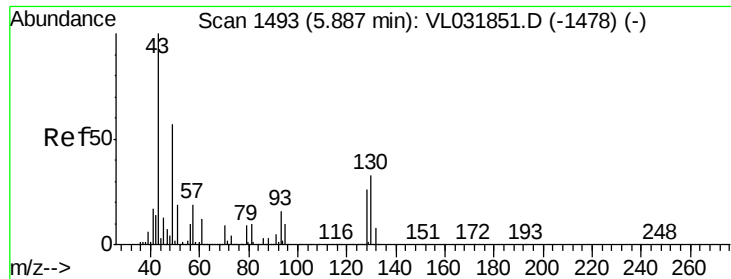
Instrument :
MSVOA_L
ClientSampleId :
SVE-INF3-040218DL

Manual Integrations
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Quant Time: Apr 14 03:53:52 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





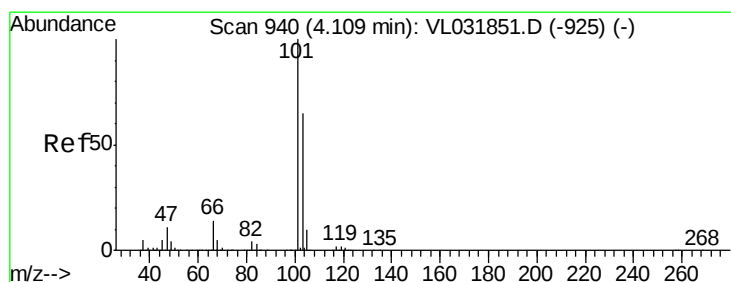
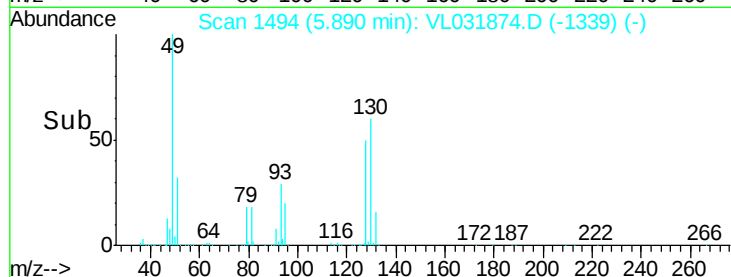
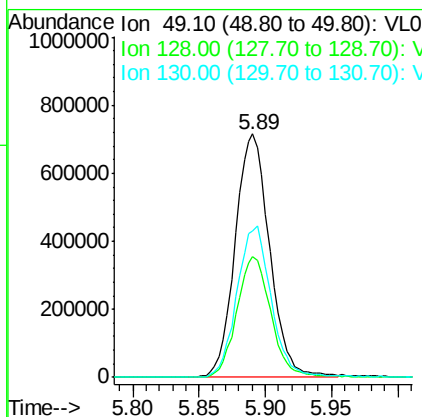
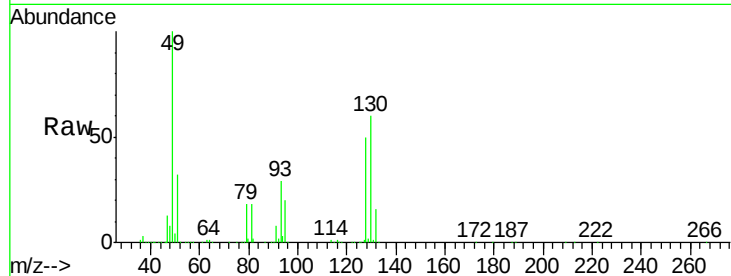
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.89 min Scan# 1494
Delta R.T. -0.00 min
Lab File: VL031874.D
Acq: 12 Apr 2018 20:44

Instrument :
MSVOA_L
ClientSampleId :
SVE-INF3-040218DL

Tot Ion	Ratio	Lower	Upper
49	100		
128	49.7	23.9	71.7
130	62.6	30.9	92.7

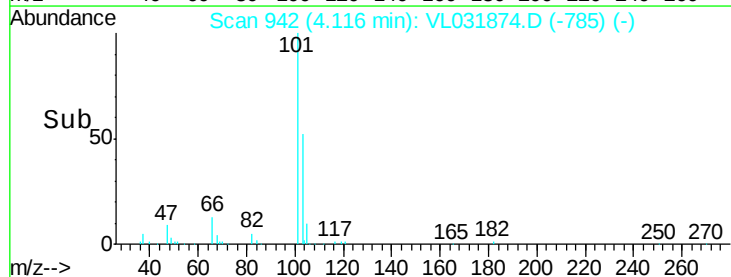
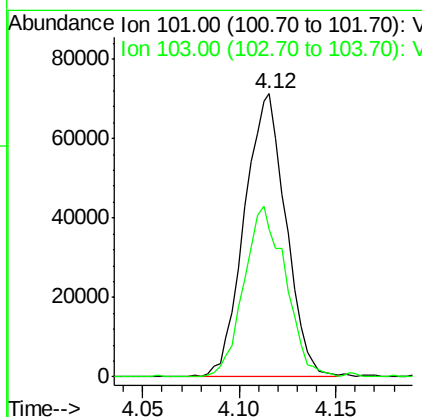
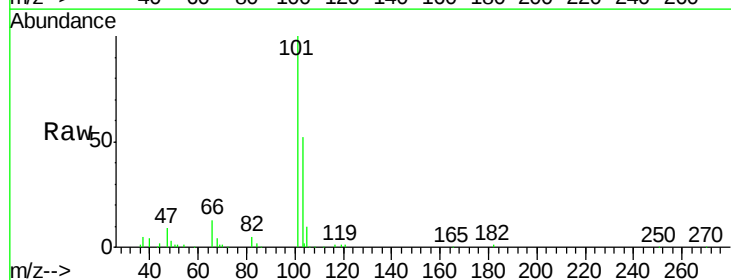
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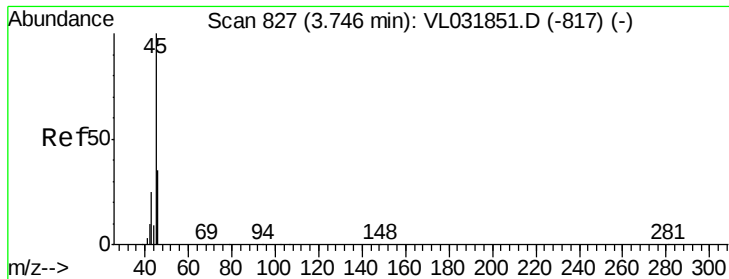
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#11
Trichlorofluoromethane
Concen: 0.406 ppbv
RT: 4.12 min Scan# 942
Delta R.T. 0.01 min
Lab File: VL031874.D
Acq: 12 Apr 2018 20:44

Tgt Ion	Ratio	Lower	Upper
101	100		
103	52.2	51.8	77.8





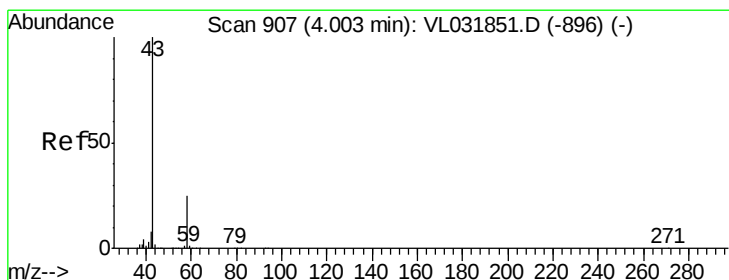
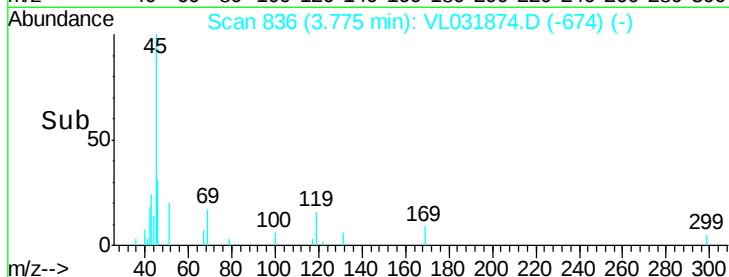
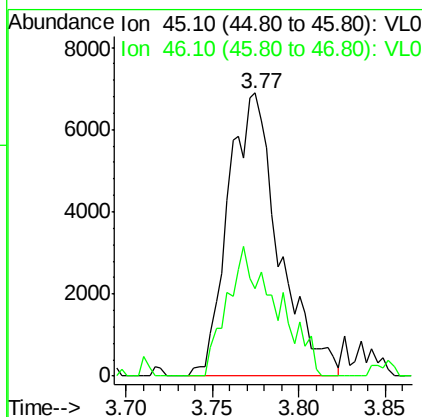
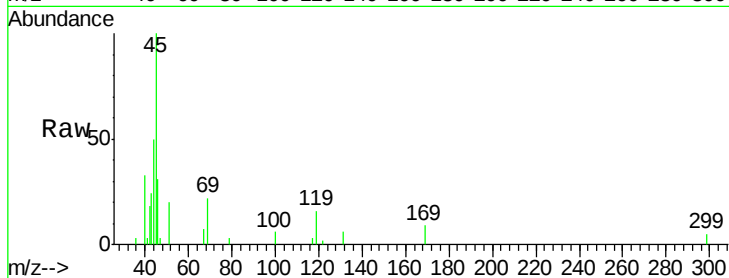
#13
Ethanol
Concen: 0.795 ppbv m
RT: 3.77 min Scan# 836
Delta R.T. 0.02 min
Lab File: VL031874.D
Acq: 12 Apr 2018 20:44

Instrument :
MSVOA_L
ClientSampleId :
SVE-INF3-040218DL

Tot Ion	Ratio	Lower	Upper
45	100		
46	0.0	14.6	58.6#

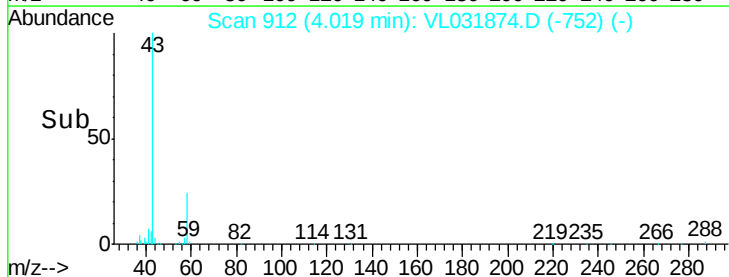
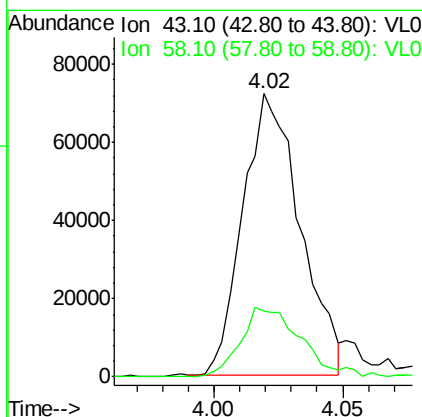
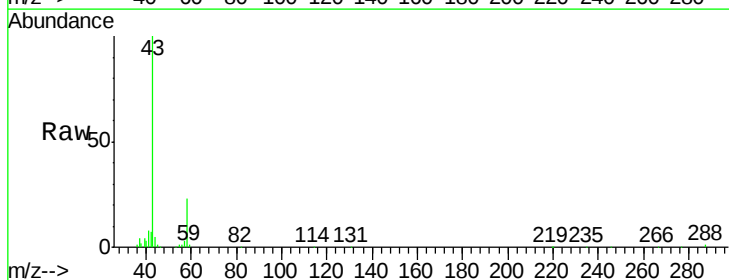
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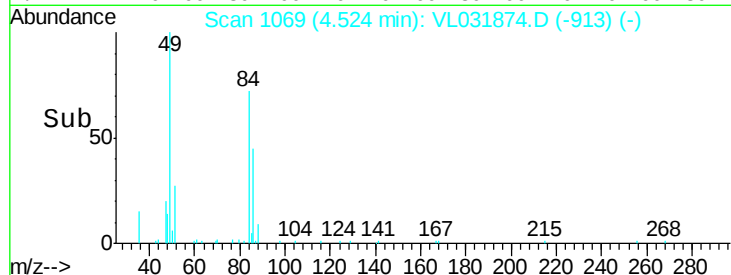
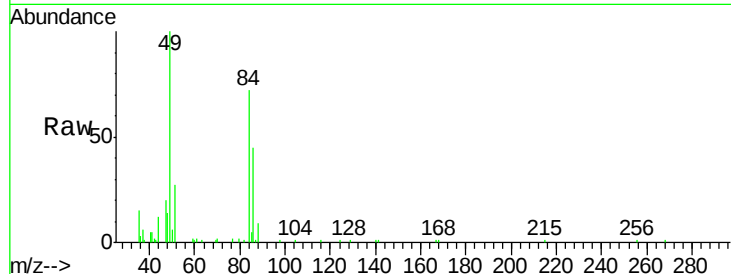
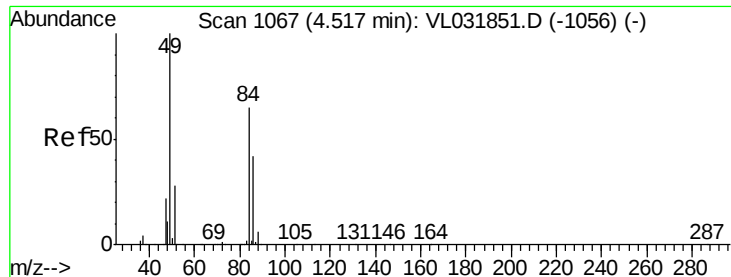
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#15
Acetone
Concen: 0.564 ppbv
RT: 4.02 min Scan# 912
Delta R.T. 0.02 min
Lab File: VL031874.D
Acq: 12 Apr 2018 20:44

Tgt Ion	Ratio	Lower	Upper
43	100		
58	26.4	20.9	31.3





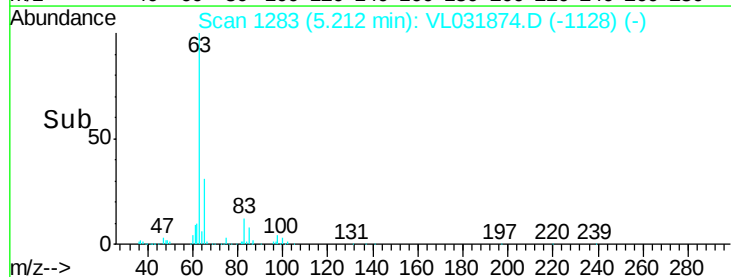
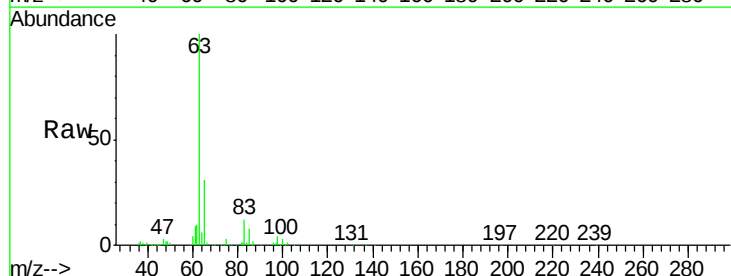
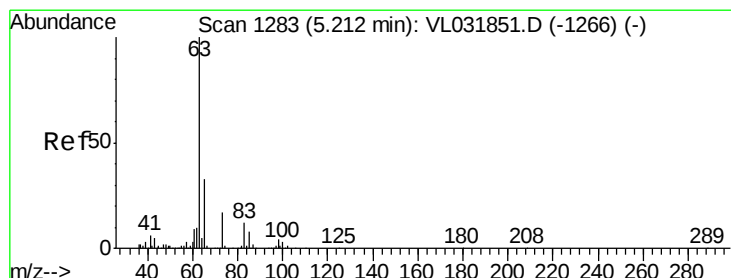
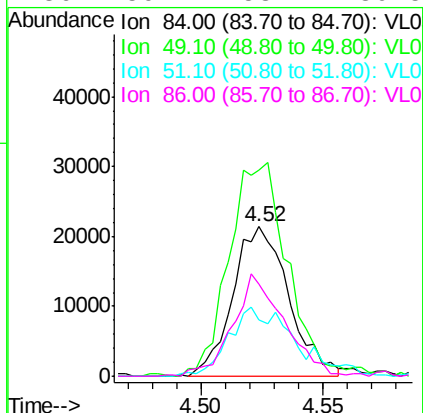
#20
Methvlene Chloride
Concen: 0.470 ppbv
RT: 4.52 min Scan# 1069
Delta R.T. 0.00 min
Lab File: VL031874.D
Acq: 12 Apr 2018 20:44

Tot Ion:	84	Resp:	34060
Ion Ratio	Lower	Upper	
84	100		
49	133.7	125.6	188.4
51	35.0	36.4	54.6#
86	59.7	53.7	80.5

Instrument :
MSVOA_L
ClientSampleId :
SVE-INF3-040218DL

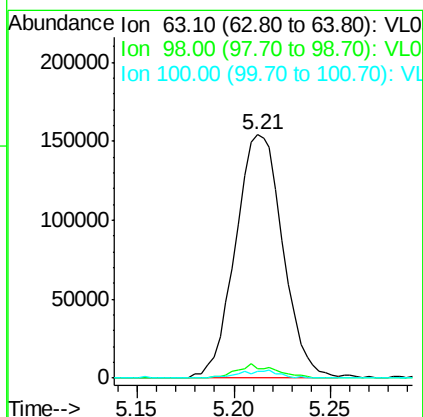
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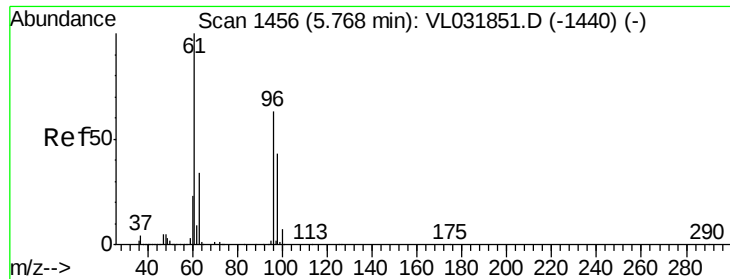
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#24
1,1-Dichloroethane
Concen: 1.296 ppbv
RT: 5.21 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VL031874.D
Acq: 12 Apr 2018 20:44

Tgt Ion:	63	Resp:	260562
Ion Ratio	Lower	Upper	
63	100		
98	3.9	2.4	7.2
100	2.7	1.5	4.4





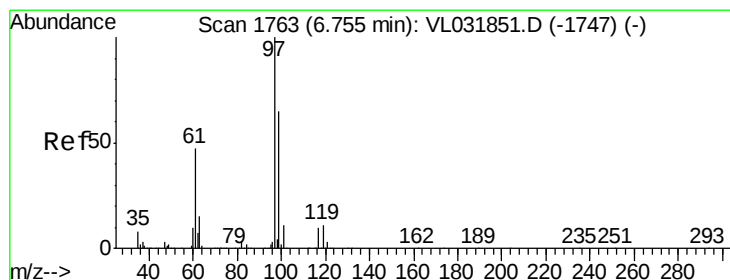
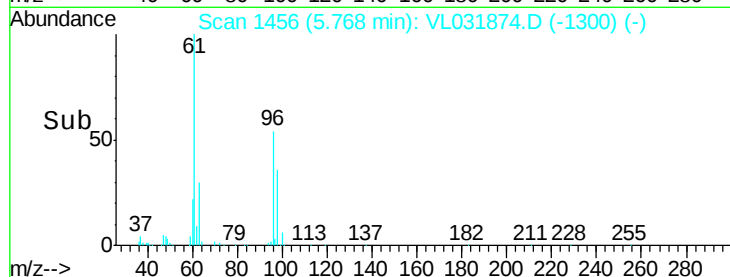
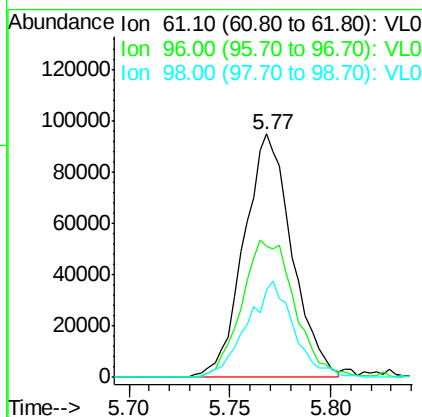
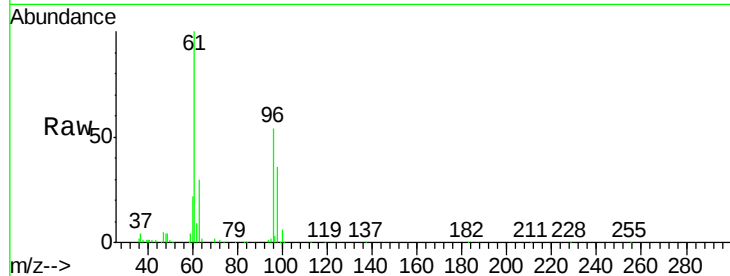
#31
 cis-1,2-Dichloroethene
 Concen: 1.208 ppbv
 RT: 5.77 min Scan# 1456
 Delta R.T. 0.00 min
 Lab File: VL031874.D
 Acq: 12 Apr 2018 20:44

Instrument :
 MSVOA_L
 ClientSampleId :
 SVE-INF3-040218DL

Tot Ion	Ratio	Lower	Upper
61	100		
96	53.4	47.6	71.4
98	36.0	30.3	45.5

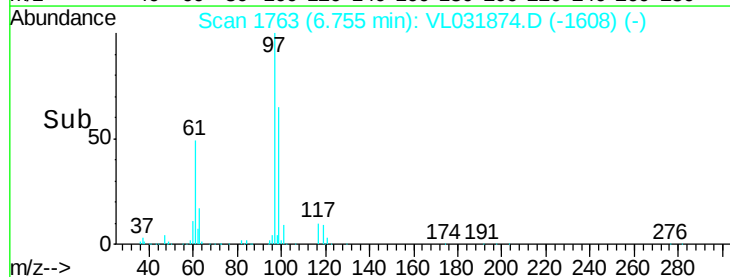
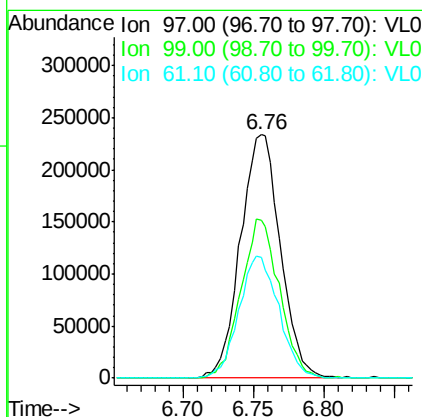
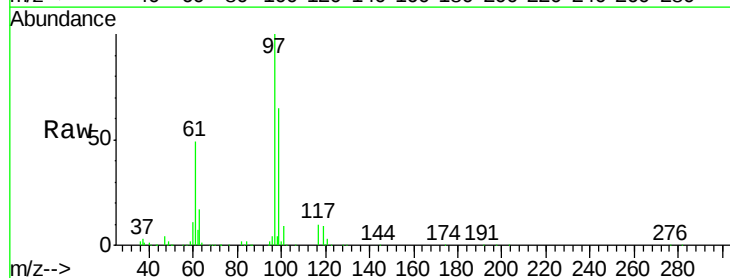
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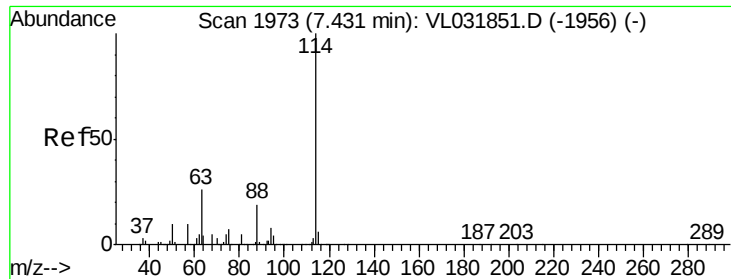
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#32
 1,1,1-Trichloroethane
 Concen: 1.935 ppbv
 RT: 6.76 min Scan# 1763
 Delta R.T. -0.00 min
 Lab File: VL031874.D
 Acq: 12 Apr 2018 20:44

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.5	51.5	77.3
61	50.5	40.0	60.0





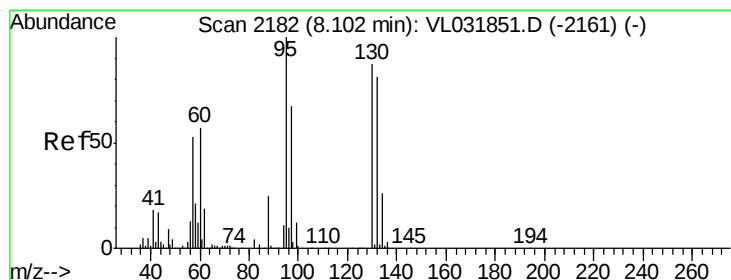
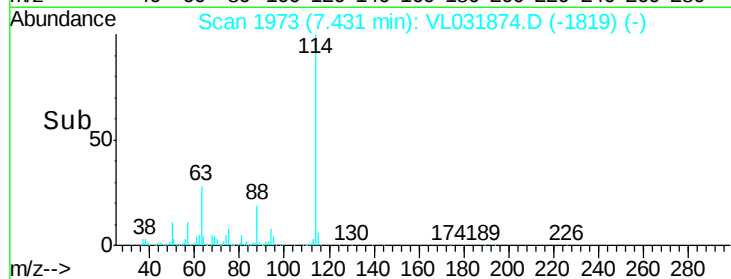
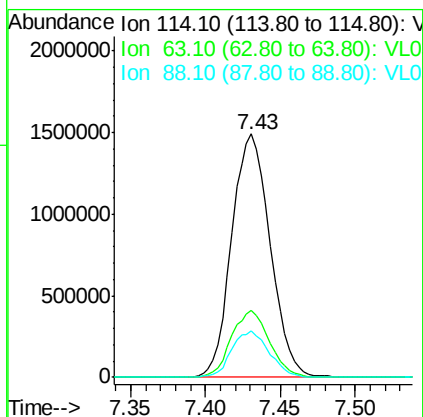
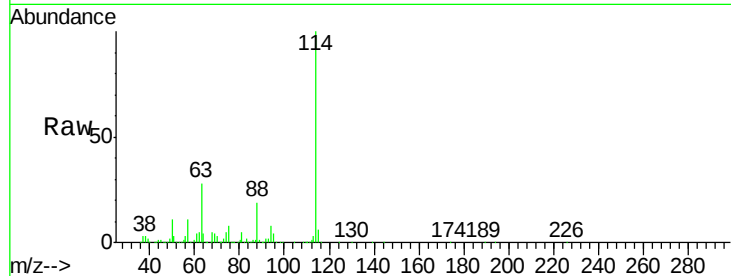
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.43 min Scan# 1973
 Delta R.T. -0.00 min
 Lab File: VL031874.D
 Acq: 12 Apr 2018 20:44

Instrument :
 MSVOA_L
 ClientSampleId :
 SVE-INF3-040218DL

Tot Ion	Ratio	Lower	Upper
114	100		
63	27.3	21.8	32.6
88	18.7	14.6	22.0

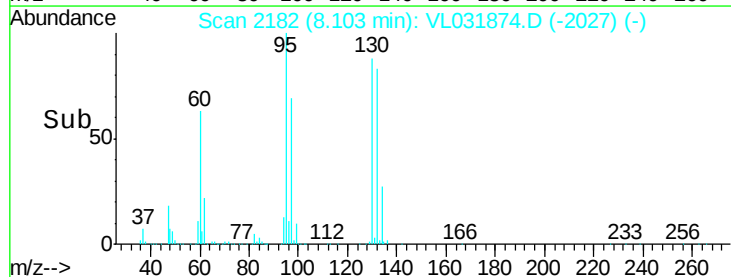
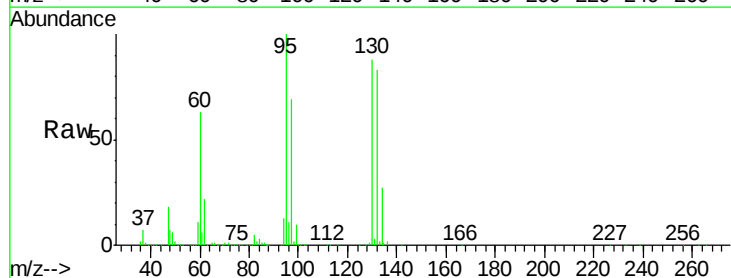
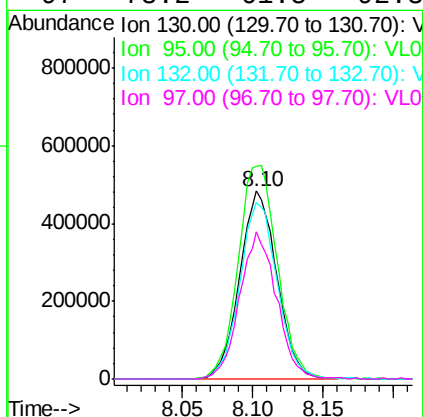
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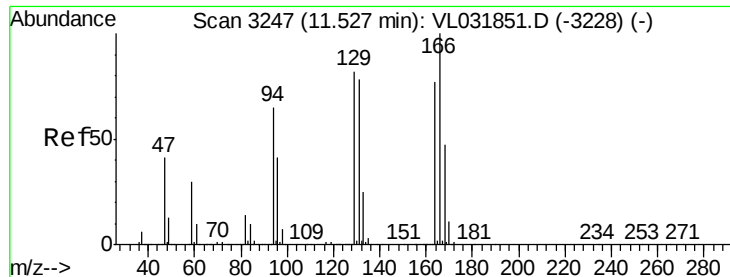
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#38
 Trichloroethene
 Concen: 9.162 ppbv
 RT: 8.10 min Scan# 2182
 Delta R.T. -0.00 min
 Lab File: VL031874.D
 Acq: 12 Apr 2018 20:44

Tgt Ion	Ratio	Lower	Upper
130	100		
95	113.3	96.6	144.8
132	94.3	79.1	118.7
97	78.2	61.5	92.3





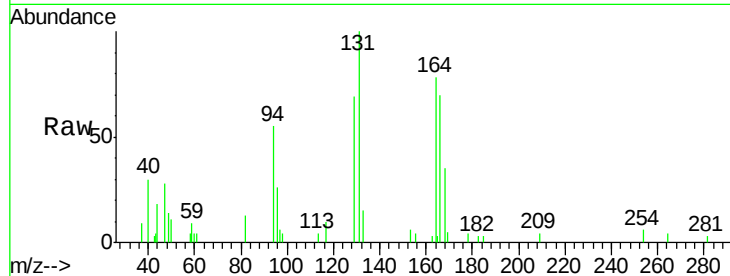
#52
Tetrachloroethene
Concen: 0.077 ppbv m
RT: 11.53 min Scan# 3248
Delta R.T. 0.01 min
Lab File: VL031874.D
Acq: 12 Apr 2018 20:44

Instrument :
MSVOA_L
ClientSampleId :
SVE-INF3-040218DL

Tot Ion	Ratio	Lower	Upper
164	100		
166	90.4	98.2	147.4#
129	88.4	86.5	129.7
131	128.6	82.2	123.2#

Manual Integrations
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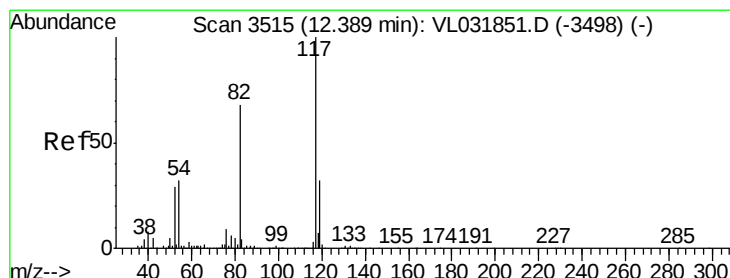
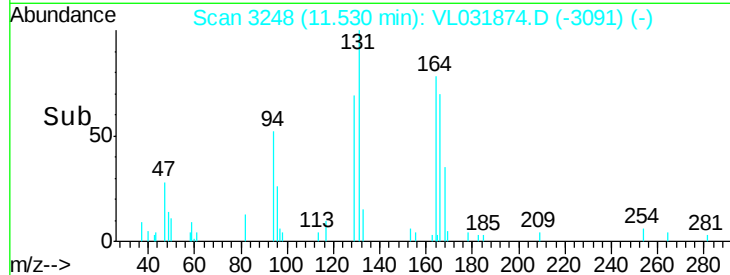
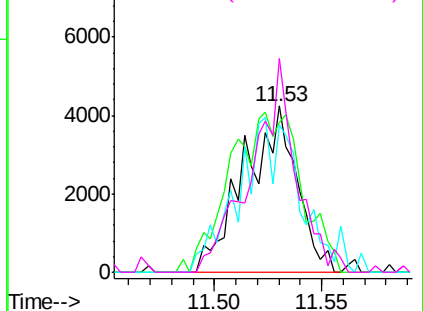
Abundance

Ion 163.90 (163.60 to 164.60): V

Ion 165.90 (165.60 to 166.60): V

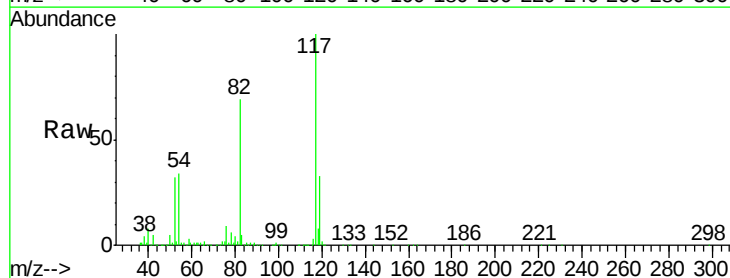
Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.39 min Scan# 3516
Delta R.T. -0.00 min
Lab File: VL031874.D
Acq: 12 Apr 2018 20:44

Tgt Ion	Ratio	Lower	Upper
117	100		
82	69.9	54.6	81.8
119	32.7	26.0	39.0

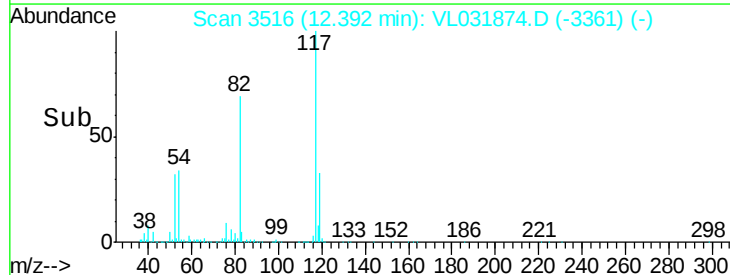
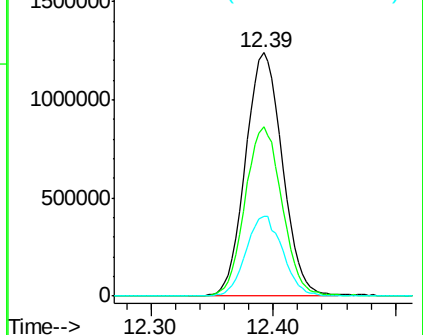


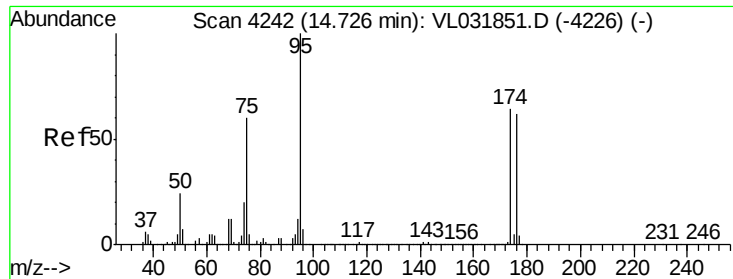
Abundance

Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): V

Ion 119.10 (118.80 to 119.80): V





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.990 ppbv
 RT: 14.73 min Scan# 4242
 Delta R.T. -0.00 min
 Lab File: VL031874.D
 Acq: 12 Apr 2018 20:44

Instrument :
 MSVOA_L
 ClientSampleId :
 SVE-INF3-040218DL

Tot Ion	Ratio	Lower	Upper
95	100		
174	64.9	52.3	78.5
175	4.6	3.9	5.9

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