

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL041218\
 Data File : VL031870.D
 Acq On : 12 Apr 2018 18:06
 Operator : SY/AP
 Sample : J2191-02DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SVE-INF2-040218DL

Manual Integrations
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Quant Time: Apr 14 03:32:21 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	1222893	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.43	114	2570676	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.39	117	2519080	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.73	95	2041950	10.08	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.17	85	88490	0.351	ppbv	92
11) Trichlorofluoromethane	4.11	101	127473	0.515	ppbv	93
15) Acetone	4.02	43	142732	0.758	ppbv	99
20) Methylene Chloride	4.52	84	83678	1.221	ppbv	93
24) 1,1-Dichloroethane	5.22	63	40103m	0.211	ppbv	
31) cis-1,2-Dichloroethene	5.77	61	18891m	0.152	ppbv	
32) 1,1,1-Trichloroethane	6.75	97	81099	0.359	ppbv	99
38) Trichloroethene	8.10	130	74649	0.795	ppbv	90

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

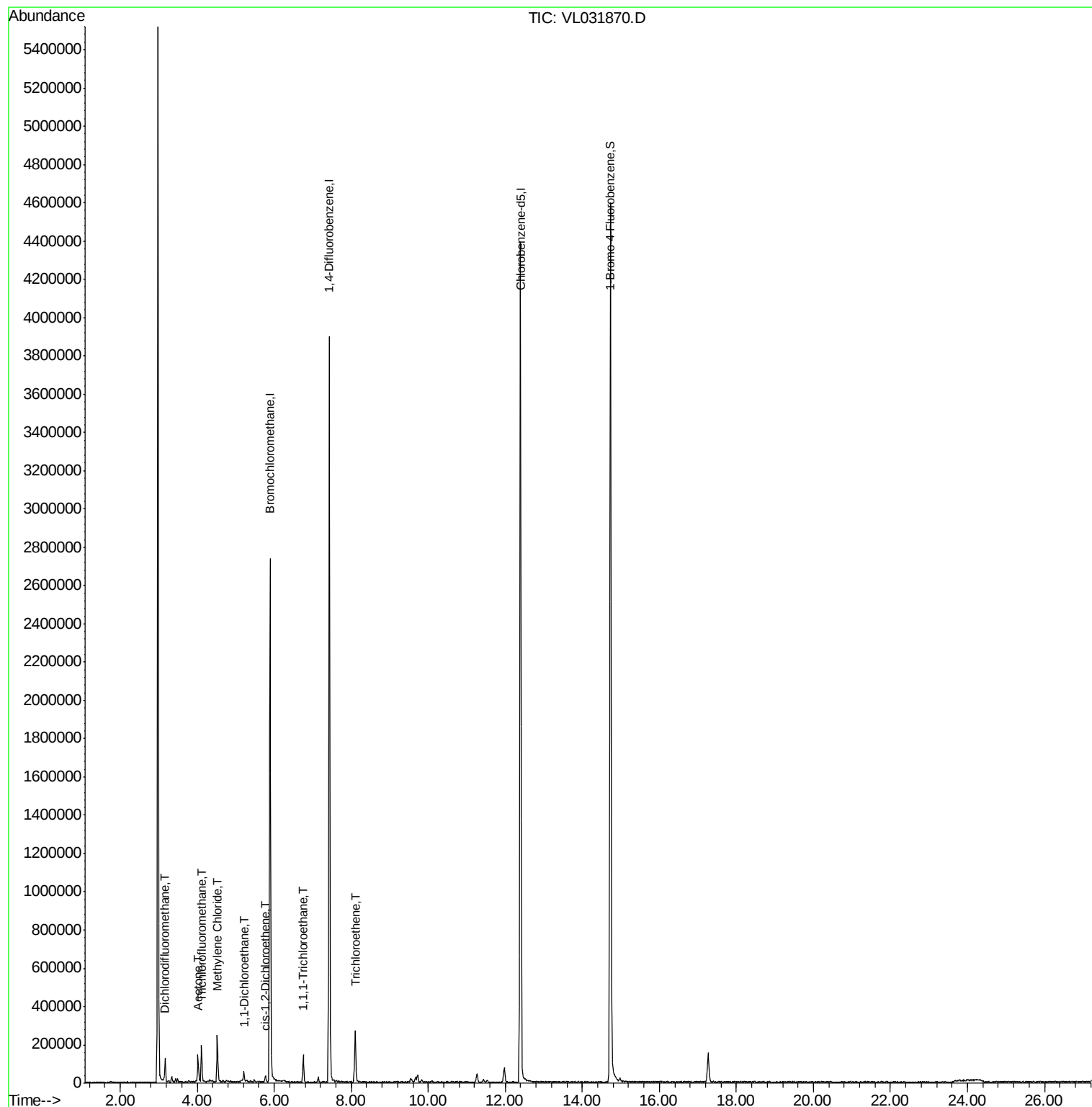
Data Path : W:\HPCHEM1\MSVOA L\DATA\VL041218\
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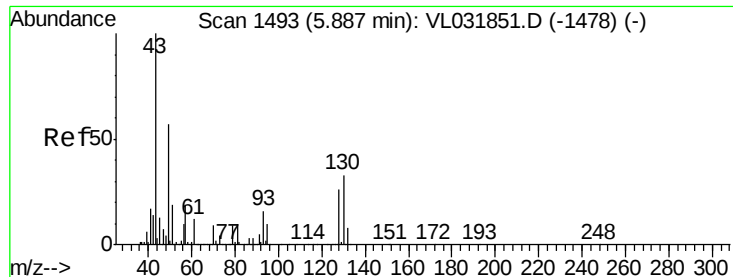
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Quant Time: Apr 14 03:32:21 2018
Quant Method : W:\HPCHEM1\MSVOA L\METHODS\VL041218AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Apr
QLast Update : Fri Apr 13 16:50:02 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.89 min Scan# 1494

Delta R.T. -0.00 min

Lab File: VL031870.D

Acq: 12 Apr 2018 18:06

Instrument :

MSVOA_L

ClientSampleId :

SVE-INF2-040218DL

Tot Ion: 49 Resp: 1222893

Ion Ratio Lower Upper

49 100

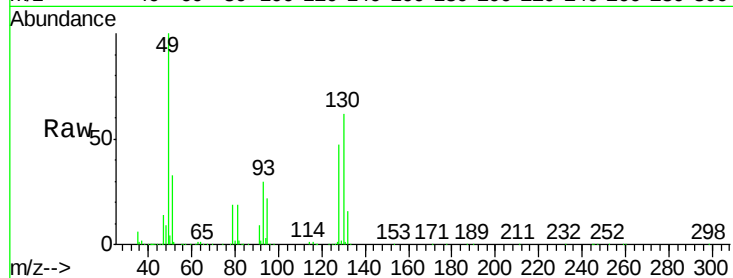
128 48.3 23.9 71.7

130 61.6 30.9 92.7

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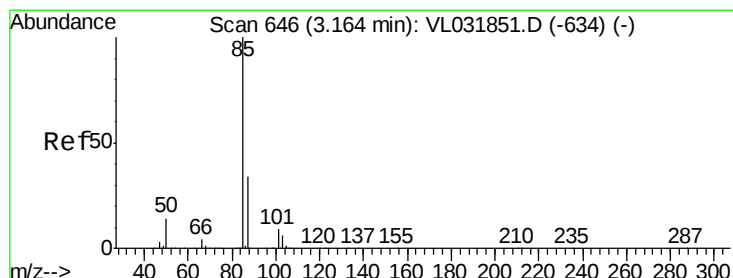
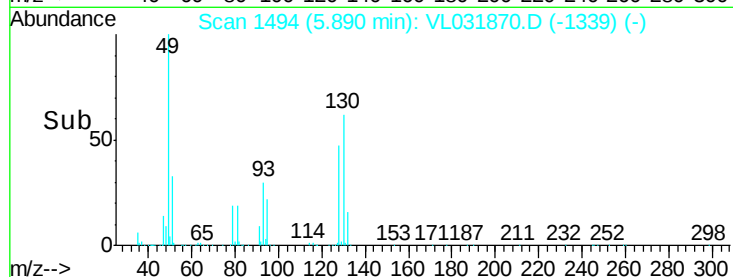
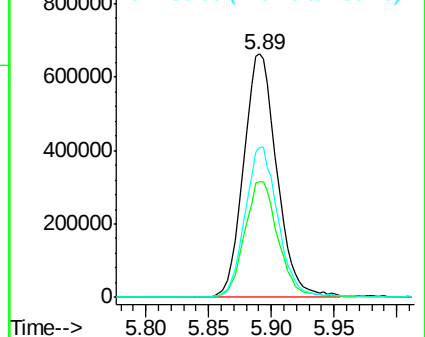
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#2

Dichlorodifluoromethane

Concen: 0.351 ppbv

RT: 3.17 min Scan# 647

Delta R.T. 0.00 min

Lab File: VL031870.D

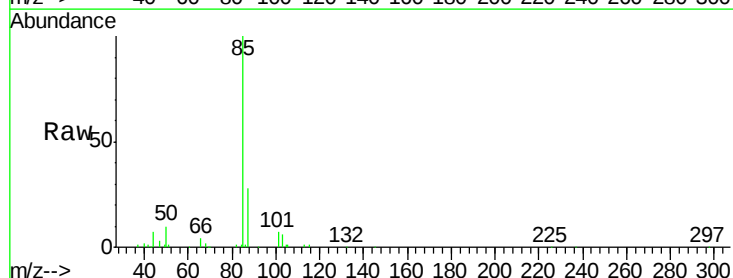
Acq: 12 Apr 2018 18:06

Tgt Ion: 85 Resp: 88490

Ion Ratio Lower Upper

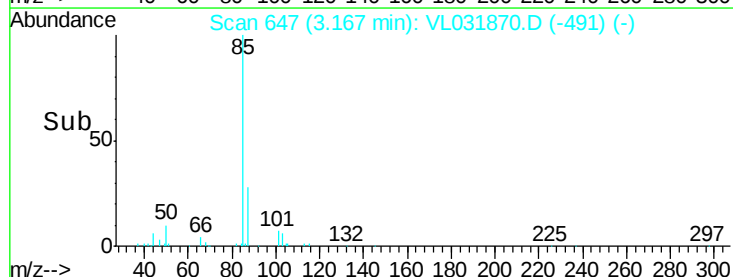
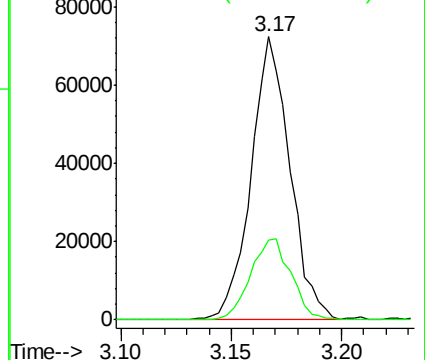
85 100

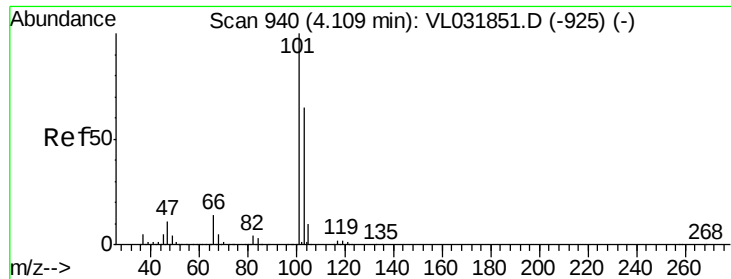
87 28.1 25.9 38.9



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





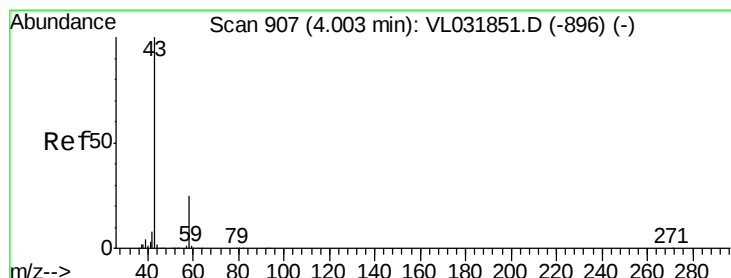
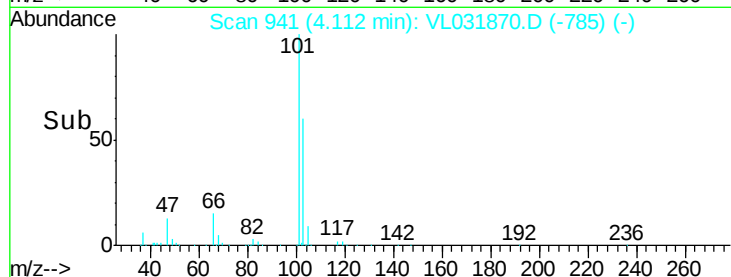
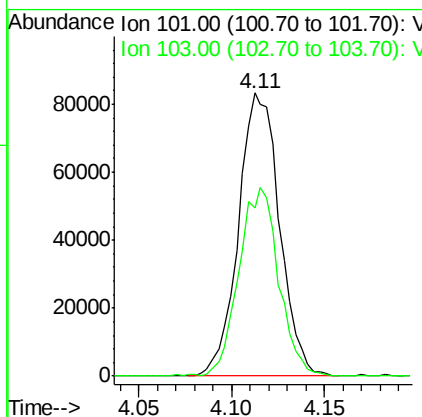
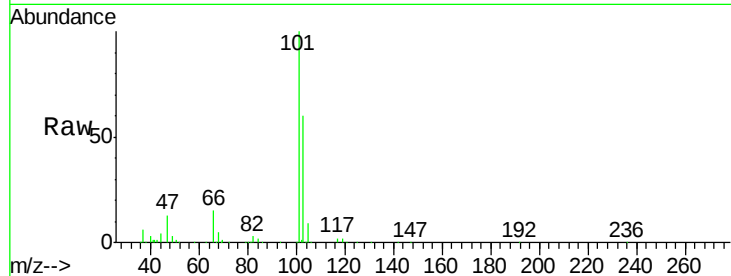
#11
 Trichlorofluoromethane
 Concen: 0.515 ppbv
 RT: 4.11 min Scan# 941
 Delta R.T. 0.00 min
 Lab File: VL031870.D
 Acq: 12 Apr 2018 18:06

Instrument :
 MSVOA_L
 ClientSampleId :
 SVE-INF2-040218DL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		127473		
103	59.4	51.8	77.8		

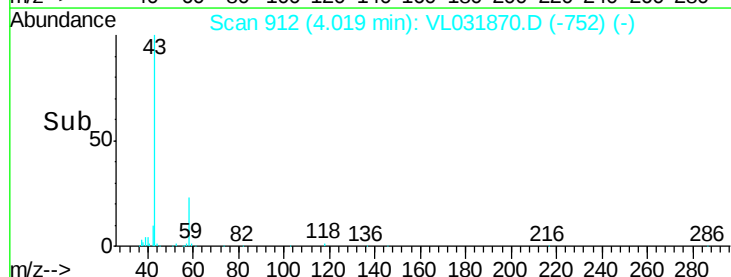
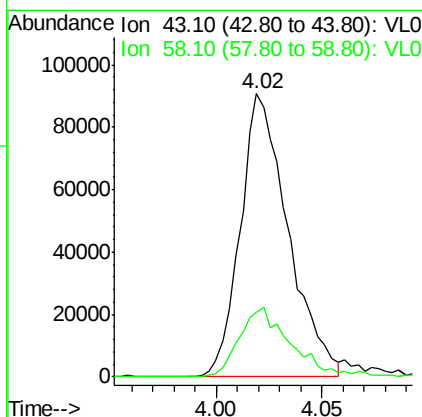
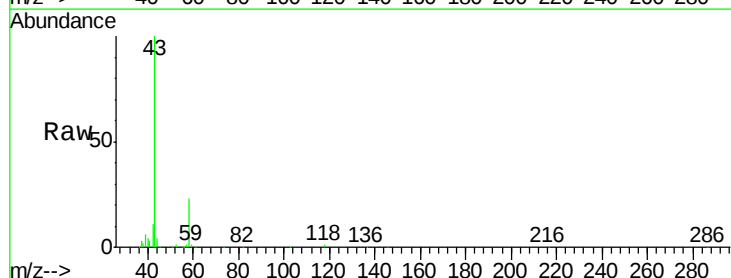
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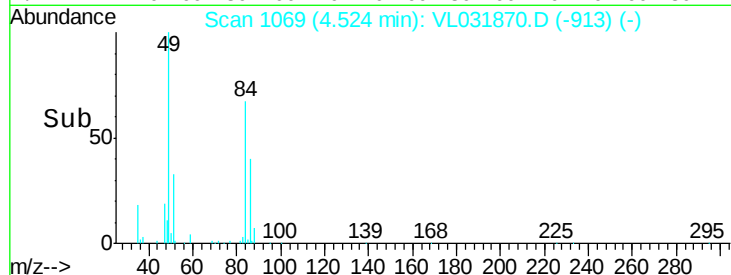
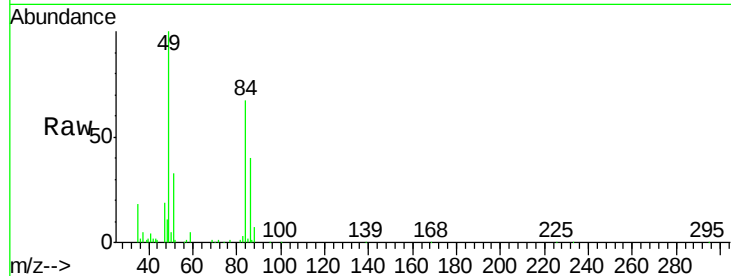
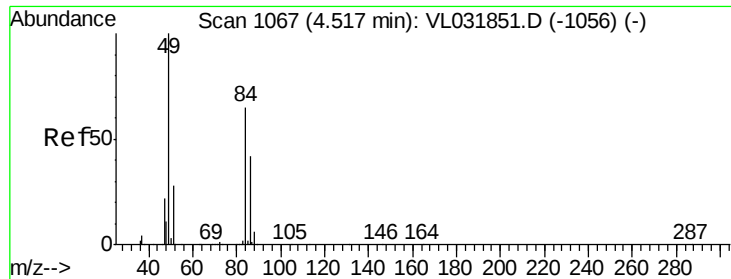
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#15
 Acetone
 Concen: 0.758 ppbv
 RT: 4.02 min Scan# 912
 Delta R.T. 0.02 min
 Lab File: VL031870.D
 Acq: 12 Apr 2018 18:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
43	100		142732		
58	26.9	20.9	31.3		





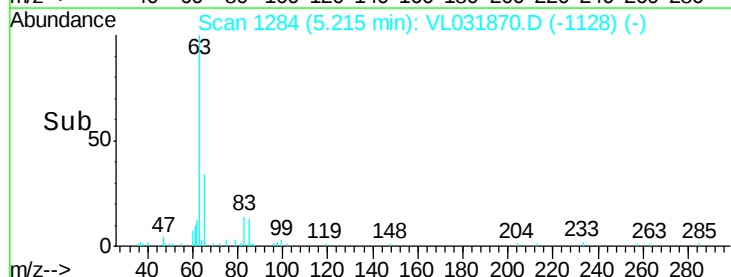
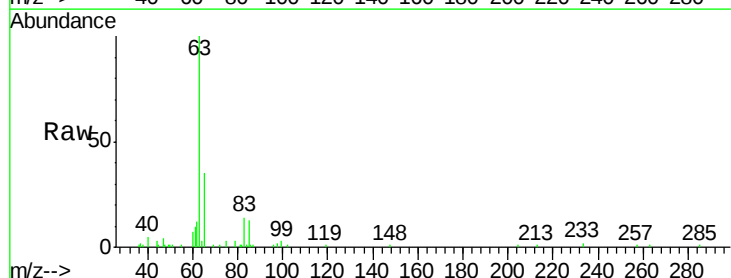
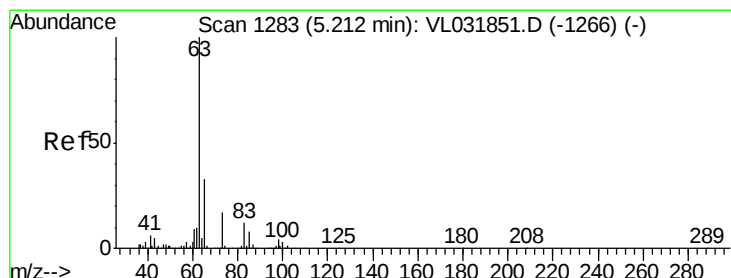
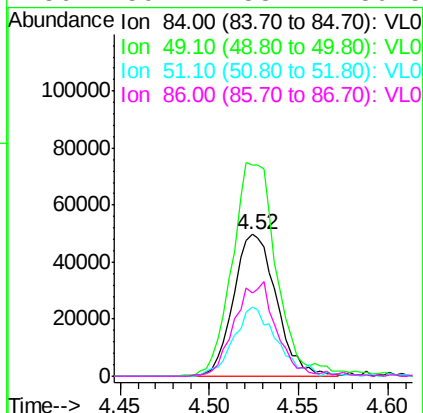
#20
Methvlene Chloride
Concen: 1.221 ppbv
RT: 4.52 min Scan# 1069
Delta R.T. 0.00 min
Lab File: VL031870.D
Acq: 12 Apr 2018 18:06

Tot Ion:	84	Resp:	83678
Ion	Ratio	Lower	Upper
84	100		
49	148.0	125.6	188.4
51	49.1	36.4	54.6
86	59.2	53.7	80.5

Instrument :
MSVOA_L
ClientSampleId :
SVE-INF2-040218DL

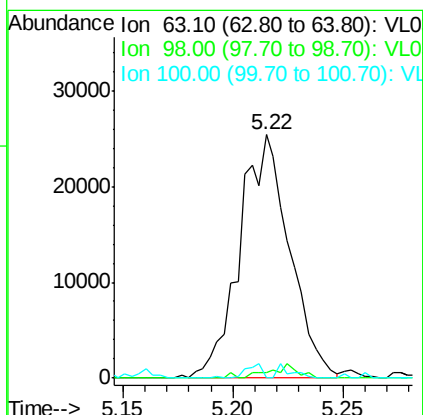
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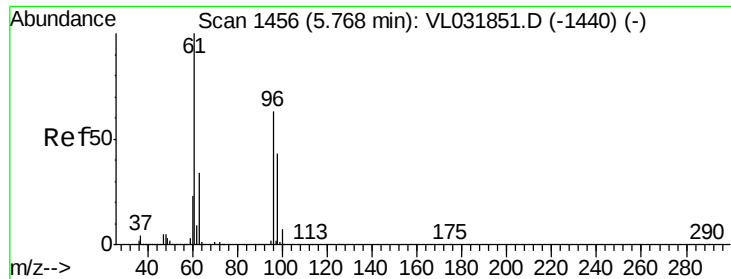
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#24
1,1-Dichloroethane
Concen: 0.211 ppbv m
RT: 5.22 min Scan# 1284
Delta R.T. 0.00 min
Lab File: VL031870.D
Acq: 12 Apr 2018 18:06

Tgt Ion:	63	Resp:	40103
Ion	Ratio	Lower	Upper
63	100		
98	2.0	2.4	7.2#
100	0.0	1.5	4.4#





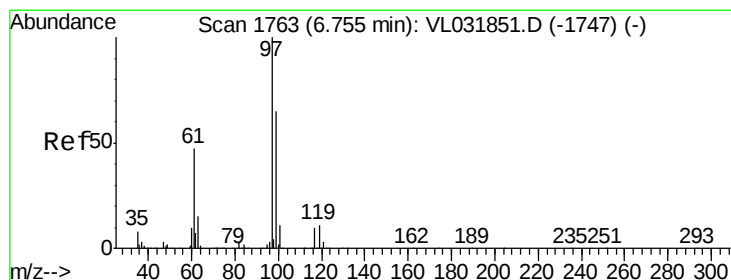
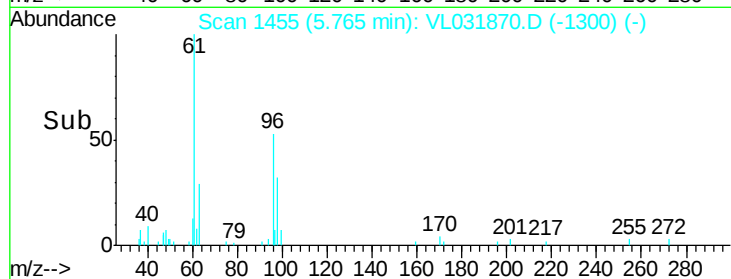
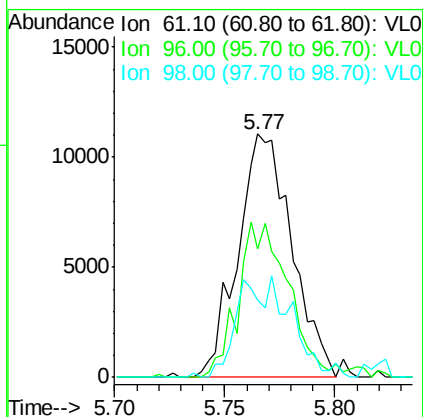
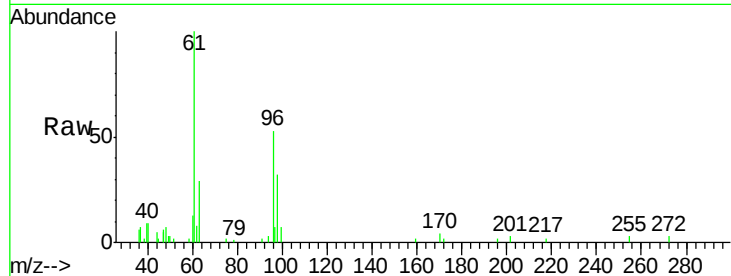
#31
 cis-1,2-Dichloroethene
 Concen: 0.152 ppbv m
 RT: 5.77 min Scan# 1455
 Delta R.T. -0.00 min
 Lab File: VL031870.D
 Acq: 12 Apr 2018 18:06

Instrument :
 MSVOA_L
 ClientSampleId :
 SVE-INF2-040218DL

Tot Ion	Ratio	Resp	Lower	Upper
61	100	18891		
96	52.9		47.6	71.4
98	31.6		30.3	45.5

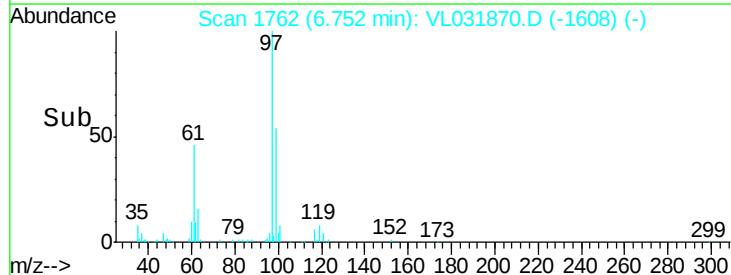
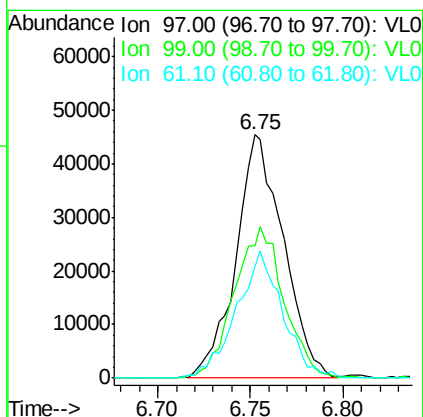
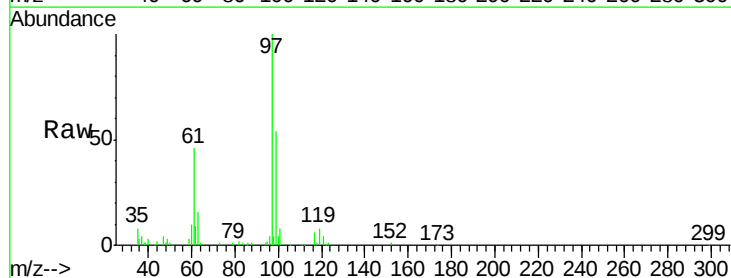
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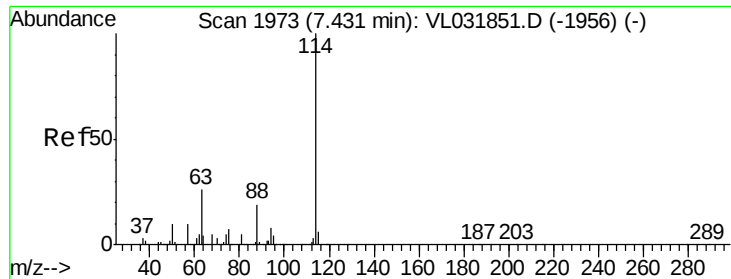
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#32
 1,1,1-Trichloroethane
 Concen: 0.359 ppbv
 RT: 6.75 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VL031870.D
 Acq: 12 Apr 2018 18:06

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	81099		
99	64.8		51.5	77.3
61	50.9		40.0	60.0





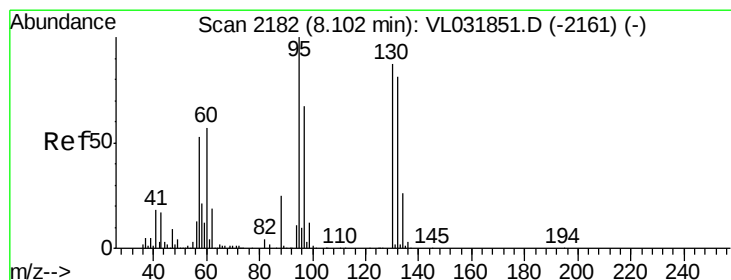
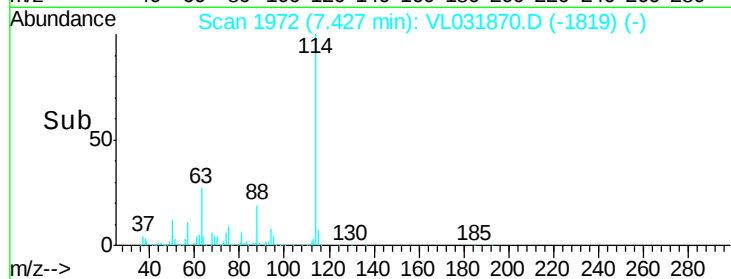
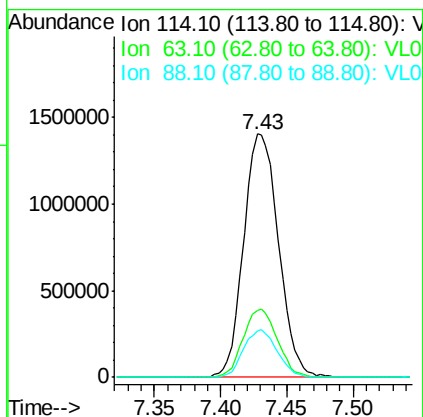
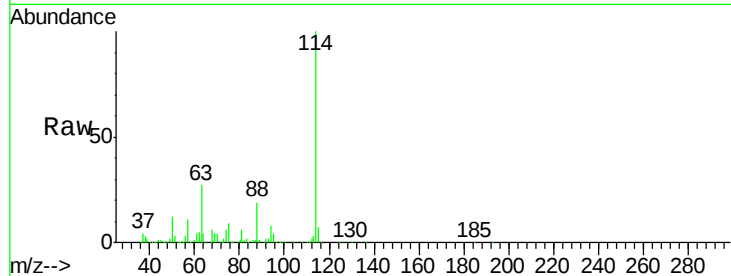
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.43 min Scan# 1972
 Delta R.T. -0.01 min
 Lab File: VL031870.D
 Acq: 12 Apr 2018 18:06

Instrument :
 MSVOA_L
 ClientSampleId :
 SVE-INF2-040218DL

Tot Ion	Ratio	Lower	Upper
114	100		
63	27.8	21.8	32.6
88	19.0	14.6	22.0

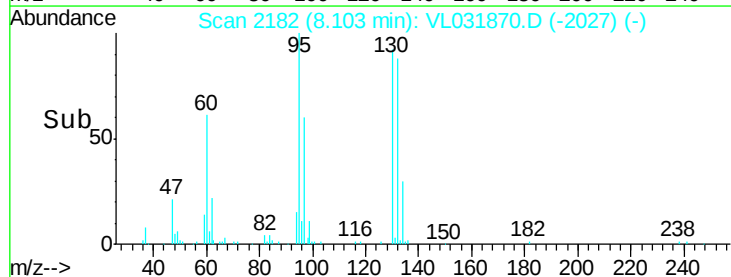
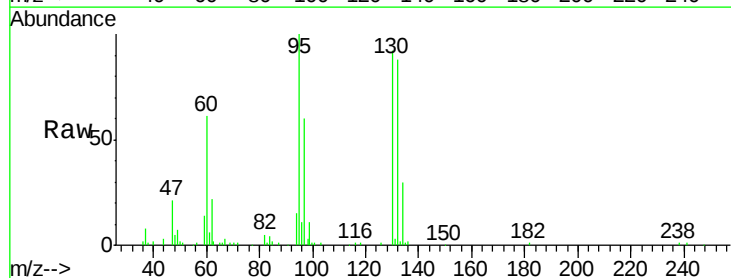
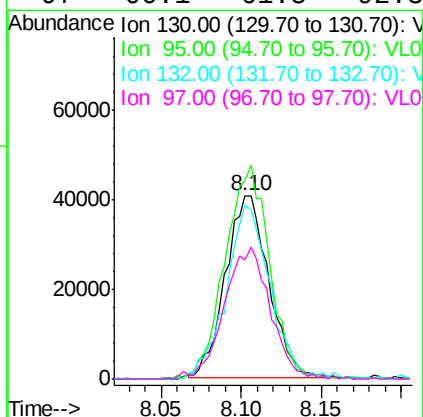
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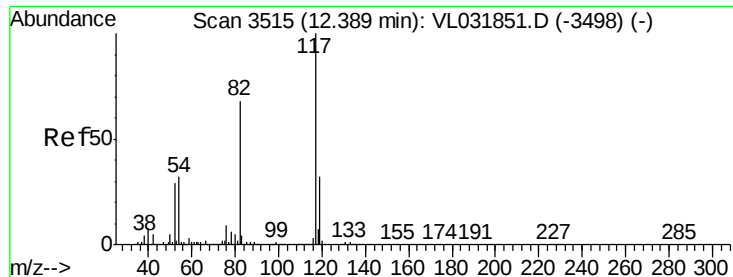
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#38
 Trichloroethene
 Concen: 0.795 ppbv
 RT: 8.10 min Scan# 2182
 Delta R.T. -0.00 min
 Lab File: VL031870.D
 Acq: 12 Apr 2018 18:06

Tgt Ion	Ratio	Lower	Upper
130	100		
95	107.9	96.6	144.8
132	94.1	79.1	118.7
97	66.1	61.5	92.3





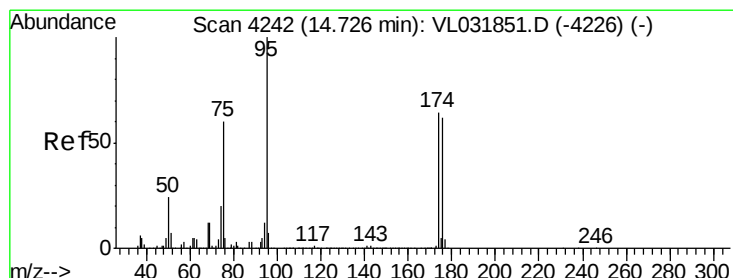
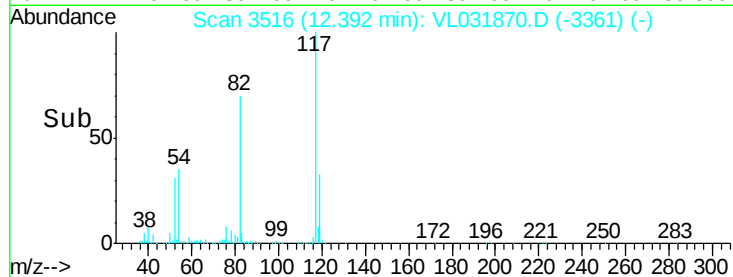
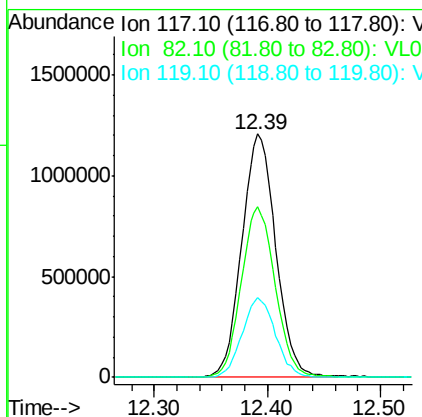
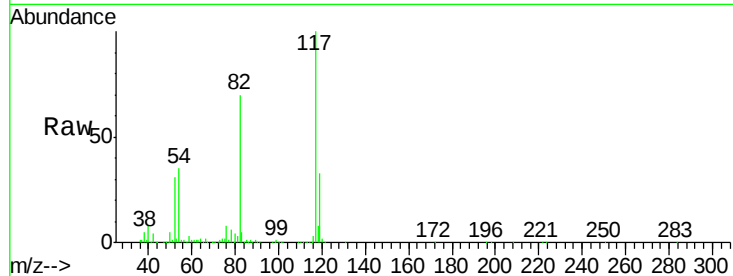
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.39 min Scan# 3516
Delta R.T. -0.00 min
Lab File: VL031870.D
Acq: 12 Apr 2018 18:06

Instrument :
MSVOA_L
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Tot Ion	Ratio	Lower	Upper
117	100		
82	70.4	54.6	81.8
119	32.3	26.0	39.0

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.081 ppbv
RT: 14.73 min Scan# 4243
Delta R.T. -0.00 min
Lab File: VL031870.D
Acq: 12 Apr 2018 18:06

Tgt Ion	Ratio	Lower	Upper
95	100		
174	65.4	52.3	78.5
175	4.6	3.9	5.9

