

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL092418\
 Data File : VL032546.D
 Acq On : 25 Sep 2018 15:31
 Operator : SY/AP
 Sample : J5034-06DL2 40X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SVE-INF3-092018DL

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Quant Time: Sep 26 09:20:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL092418AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Sep 26 09:20:30 2018
 QLast Update : Tue Sep 25 05:17:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.79	49	1380262	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.32	114	3052042	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.27	117	3009874	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.61	95	2294070	10.11	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.10%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl Chloride	3.31	62	9988m	0.148	ppbv	
11) Trichlorofluoromethane	4.03	101	18000	0.119	ppbv	98
12) 1,1,2-Trichlorotrifluoroet	4.57	101	16193	0.131	ppbv	94
15) Acetone	3.94	43	69597	0.574	ppbv	98
20) Methylene Chloride	4.43	84	47264	0.806	ppbv	95
24) 1,1-Dichloroethane	5.11	63	495418	2.779	ppbv	99
31) cis-1,2-Dichloroethene	5.67	61	304426	2.407	ppbv	98
32) 1,1,1-Trichloroethane	6.65	97	1053914	4.854	ppbv	97
38) Trichloroethene	7.99	130	1692128	17.923	ppbv	100
52) Tetrachloroethene	11.41	164	17431m	0.203	ppbv	

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

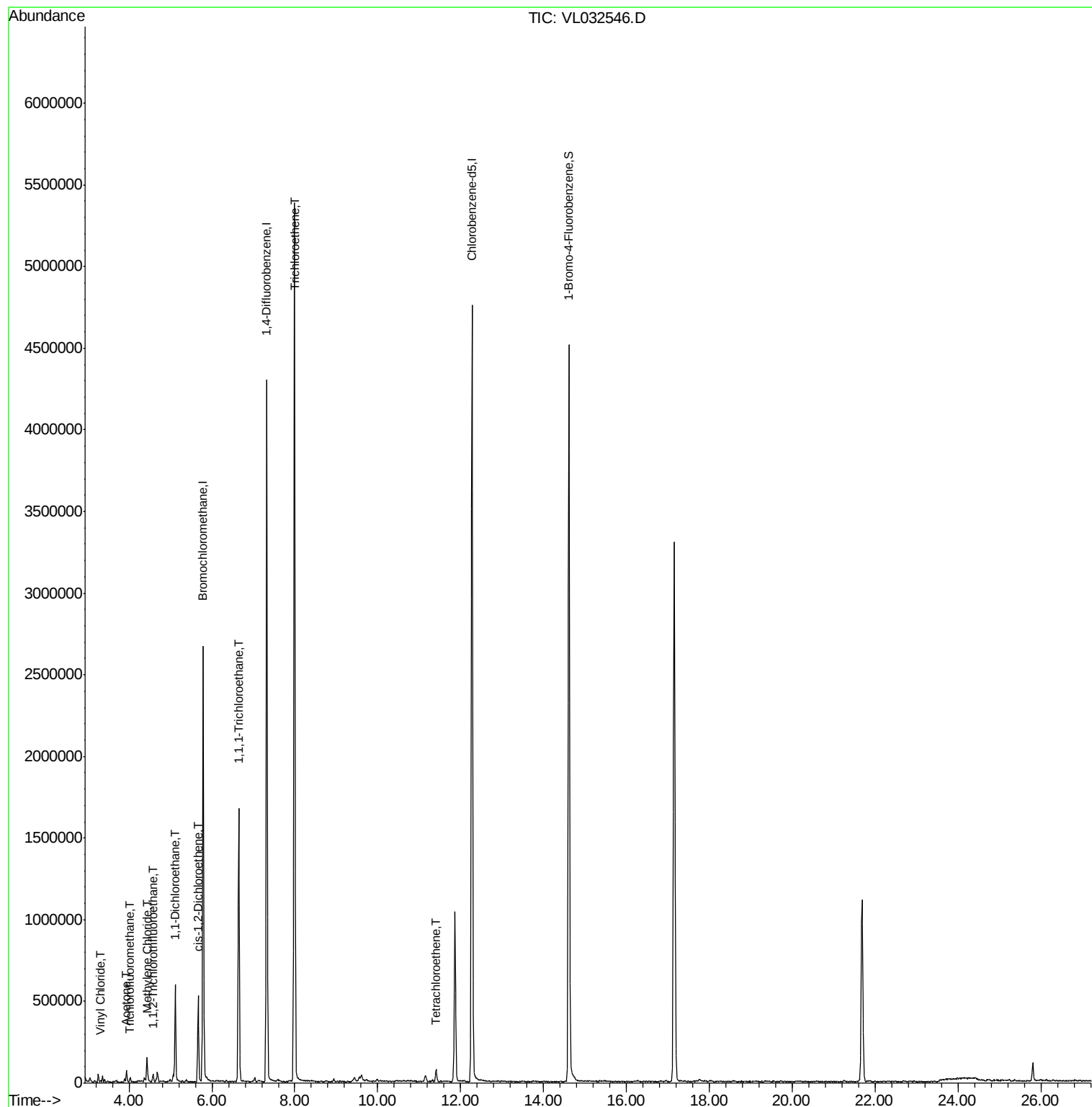
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL092418\
Data File : VL032546.D
Acq On : 25 Sep 2018 15:31
Operator : SY/AP
Sample : J5034-06DL2 40X
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

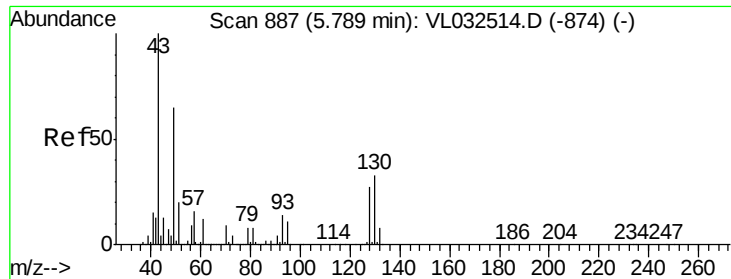
Instrument :
MSVOA_L
ClientSampleId :
SVE-INF3-092018DL

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Quant Time: Sep 26 09:20:30 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL092418AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Sep
QLast Update : Tue Sep 25 05:17:15 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.79 min Scan# 886

Delta R.T. -0.02 min

Lab File: VL032546.D

Acq: 25 Sep 2018 15:31

Instrument :

MSVOA_L

ClientSampleId :

SVE-INF3-092018DL

Tot Ion: 49 Resp: 1380262

Ion Ratio Lower Upper

49 100

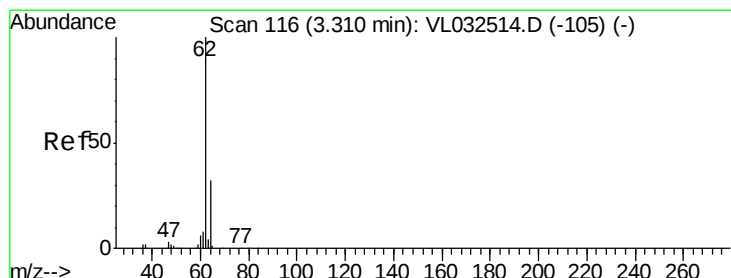
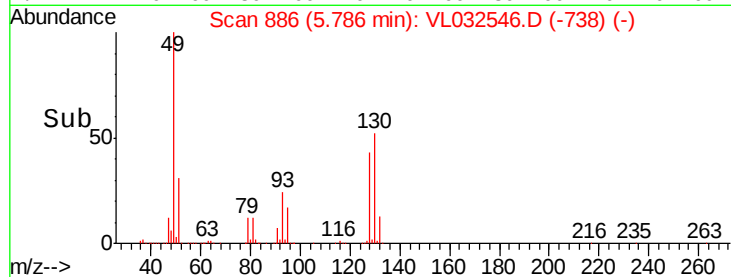
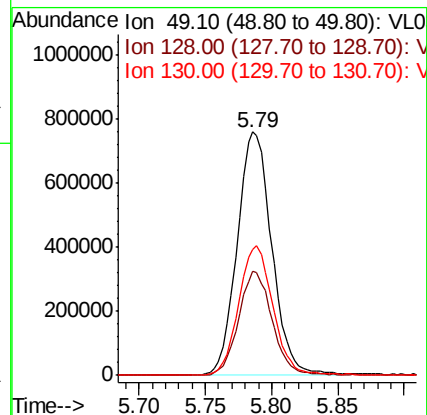
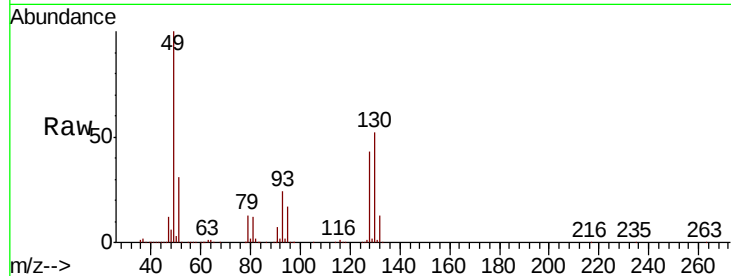
128 41.9 20.7 62.1

130 53.1 26.6 79.7

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#5

Vinyl Chloride

Concen: 0.148 ppbv m

RT: 3.31 min Scan# 115

Delta R.T. -0.02 min

Lab File: VL032546.D

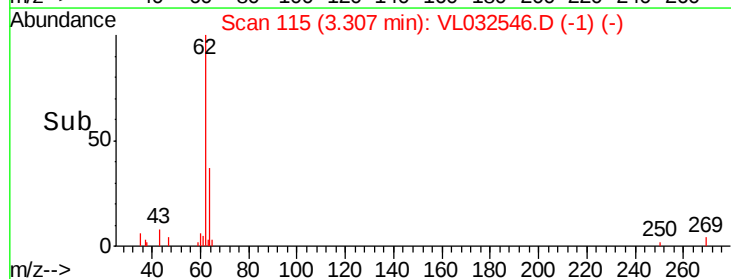
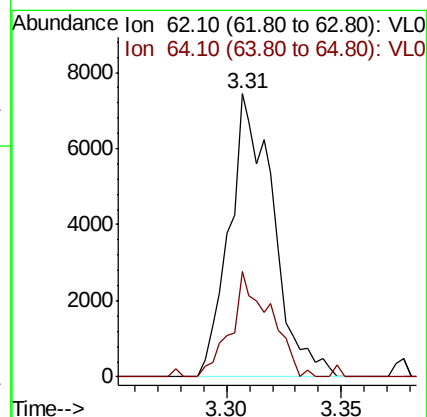
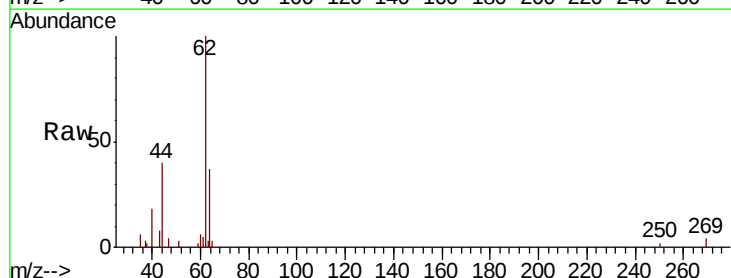
Acq: 25 Sep 2018 15:31

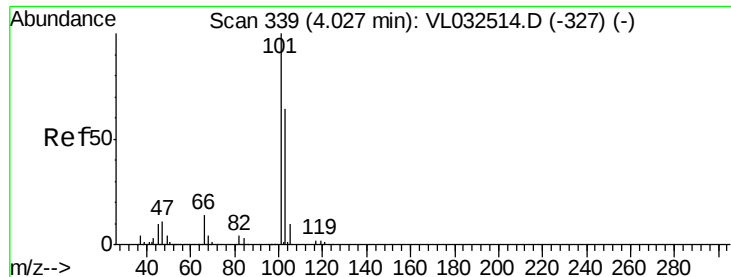
Tgt Ion: 62 Resp: 9988

Ion Ratio Lower Upper

62 100

64 37.1 25.0 37.6





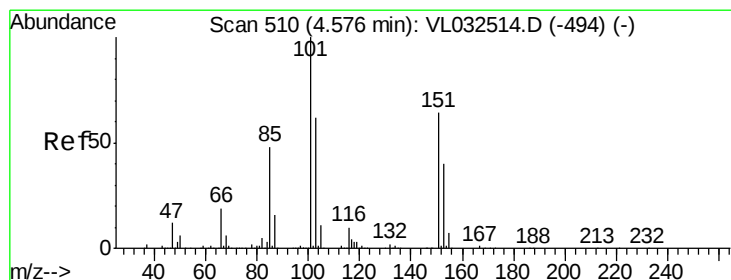
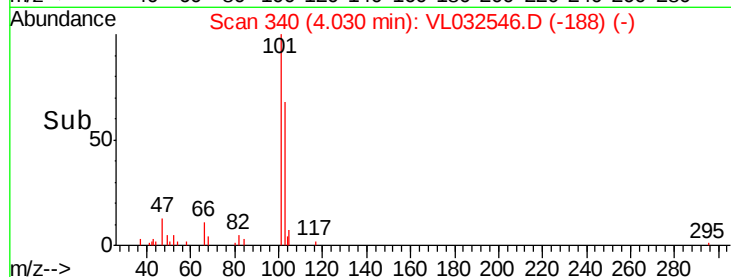
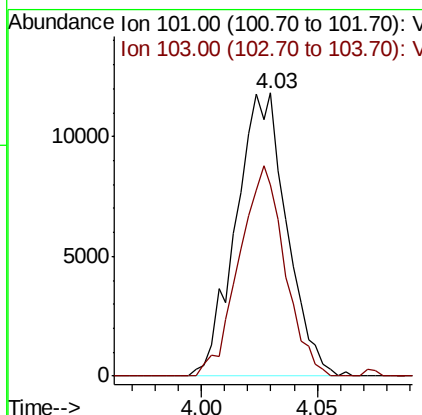
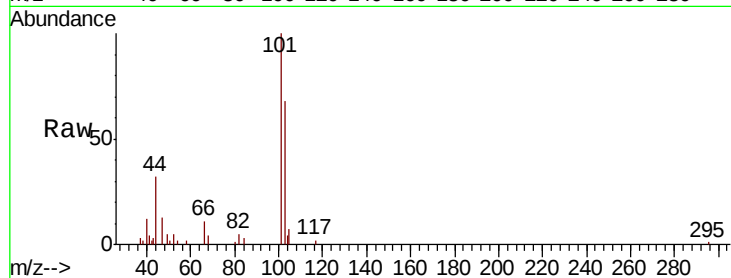
#11
 Trichlorofluoromethane
 Concen: 0.119 ppbv
 RT: 4.03 min Scan# 340
 Delta R.T. -0.01 min
 Lab File: VL032546.D
 Acq: 25 Sep 2018 15:31

Instrument :
 MSVOA_L
 ClientSampleId :
 SVE-INF3-092018DL

Tot Ion:101 Resp: 18000
 Ion Ratio Lower Upper
 101 100
 103 67.7 52.8 79.2

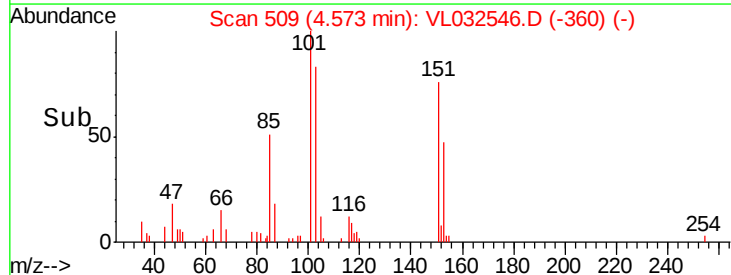
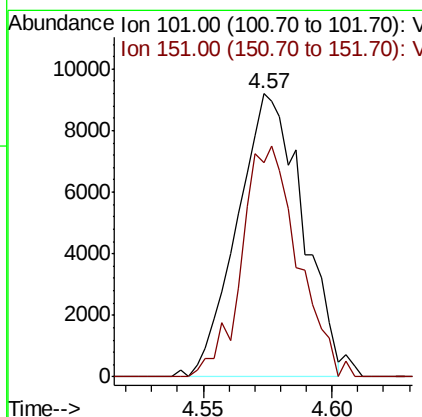
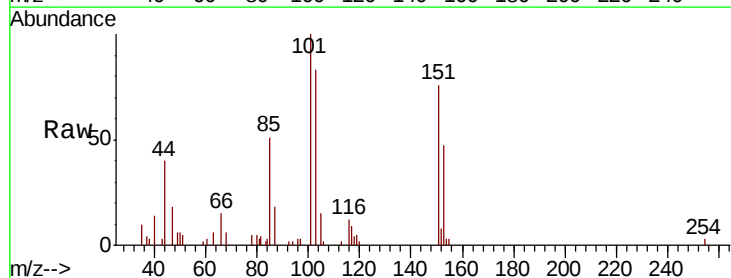
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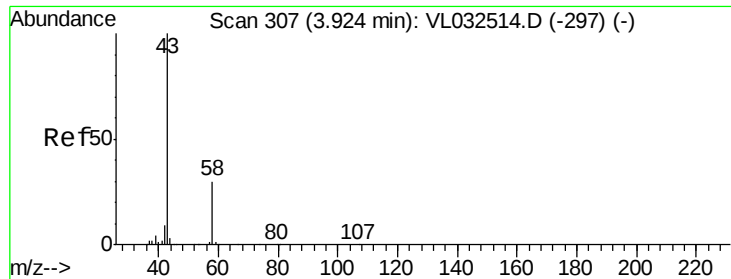
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#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.131 ppbv
 RT: 4.57 min Scan# 509
 Delta R.T. -0.02 min
 Lab File: VL032546.D
 Acq: 25 Sep 2018 15:31

Tgt Ion:101 Resp: 16193
 Ion Ratio Lower Upper
 101 100
 151 70.8 52.6 78.8





#15

Acetone

Concen: 0.574 ppbv

RT: 3.94 min Scan# 312

Delta R.T. 0.00 min

Lab File: VL032546.D

Acq: 25 Sep 2018 15:31

Instrument :

MSVOA_L

ClientSampleId :

SVE-INF3-092018DL

Tot Ion: 43 Resp: 69597

Ion Ratio Lower Upper

43 100

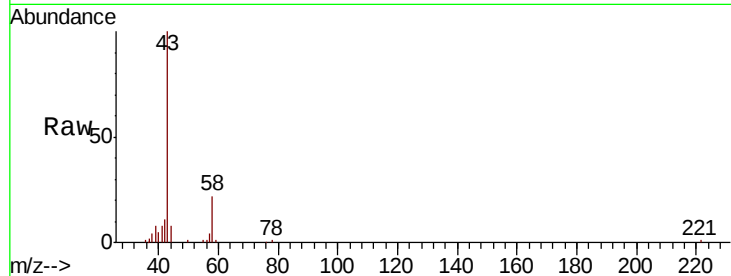
58 29.0 22.6 33.8

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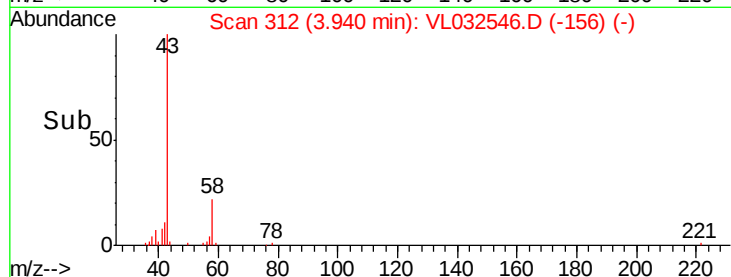


Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

3.94

Time-->



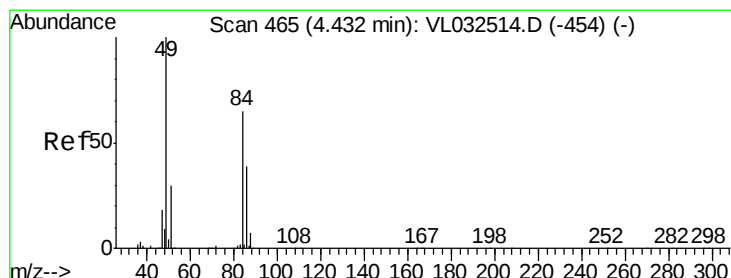
Abundance

Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

3.94

Time-->



#20

Methylene Chloride

Concen: 0.806 ppbv

RT: 4.43 min Scan# 465

Delta R.T. -0.02 min

Lab File: VL032546.D

Acq: 25 Sep 2018 15:31

Tgt Ion: 84 Resp: 47264

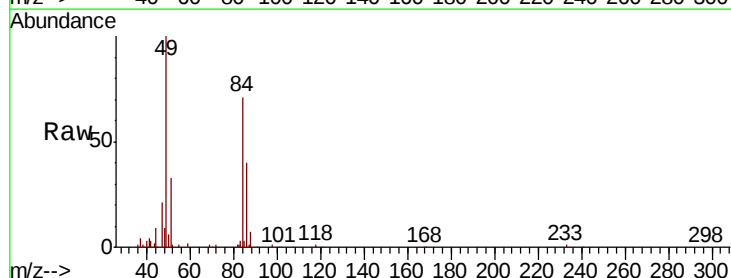
Ion Ratio Lower Upper

84 100

49 141.2 119.1 178.7

51 44.2 35.2 52.8

86 57.0 49.4 74.2



Abundance Ion 84.00 (83.70 to 84.70): VL0

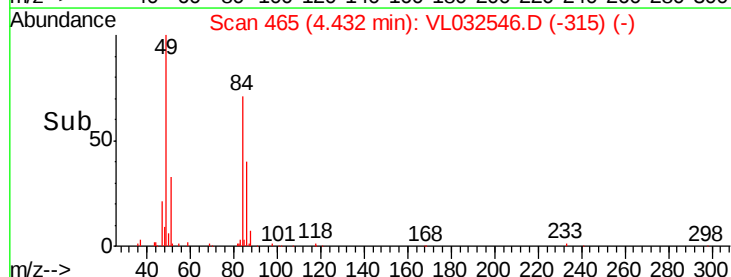
Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0

4.43

Time-->



Abundance

Ion 84.00 (83.70 to 84.70): VL0

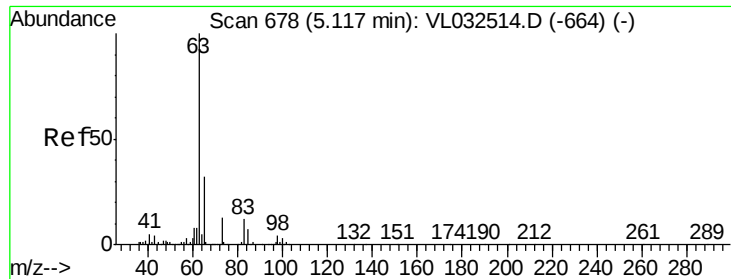
Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0

4.43

Time-->



#24

1,1-Dichloroethane

Concen: 2.779 ppbv

RT: 5.11 min Scan# 677

Delta R.T. -0.02 min

Lab File: VL032546.D

Acq: 25 Sep 2018 15:31

Instrument :

MSVOA_L

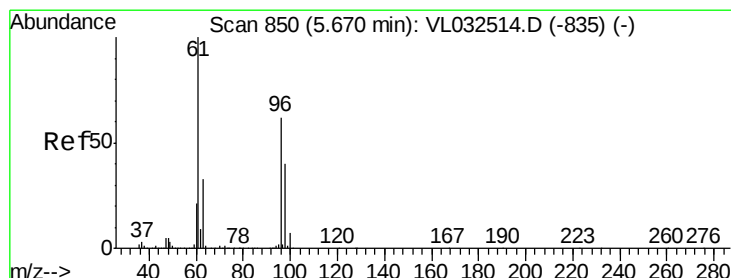
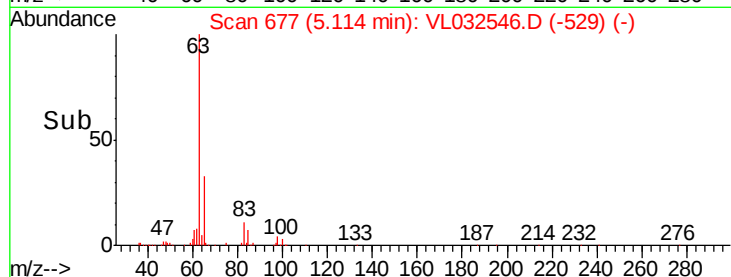
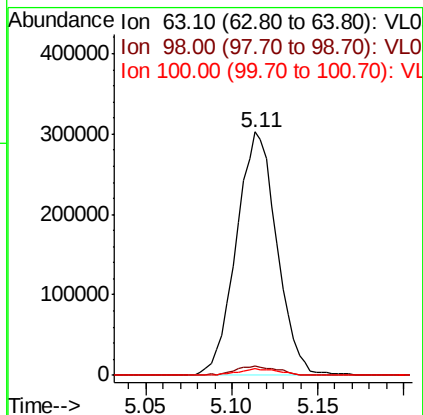
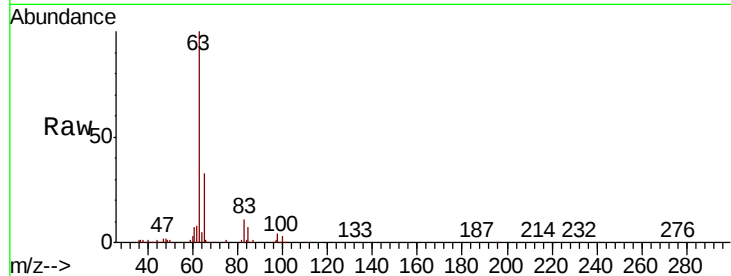
ClientSampleId :

SVE-INF3-092018DL

Tot Ion	63	Resp	495418
Ion Ratio	Lower	Upper	
63	100		
98	4.0	2.1	6.5
100	2.6	1.5	4.4

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#31

cis-1,2-Dichloroethene

Concen: 2.407 ppbv

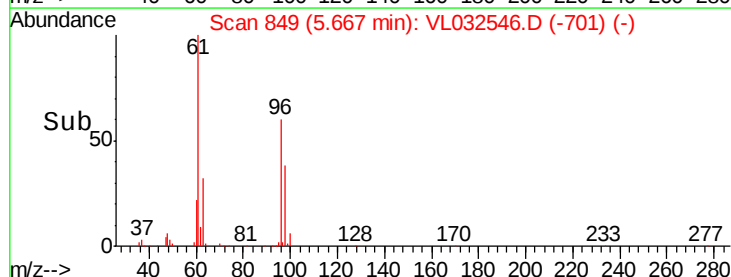
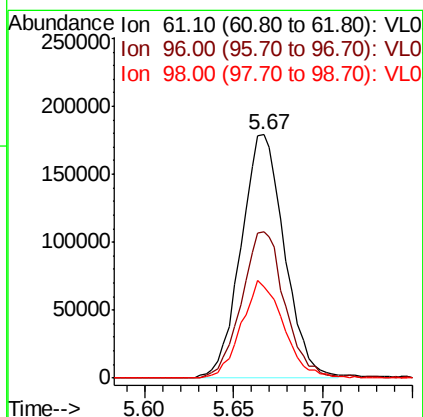
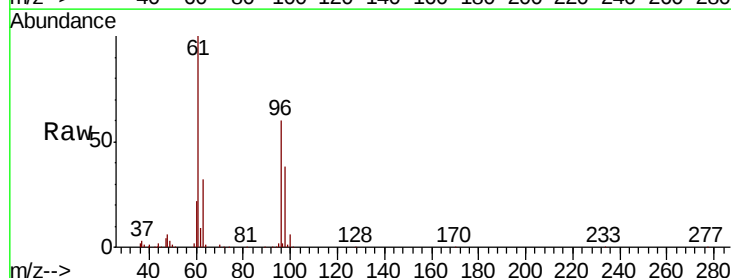
RT: 5.67 min Scan# 849

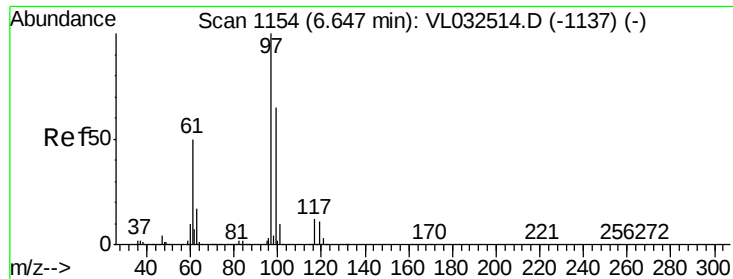
Delta R.T. -0.02 min

Lab File: VL032546.D

Acq: 25 Sep 2018 15:31

Tgt Ion	61	Resp	304426
Ion Ratio	Lower	Upper	
61	100		
96	59.9	49.2	73.8
98	37.5	30.7	46.1





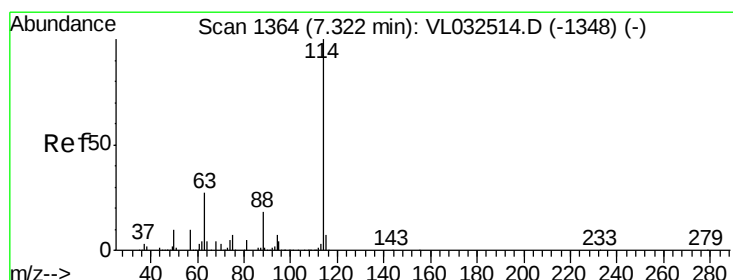
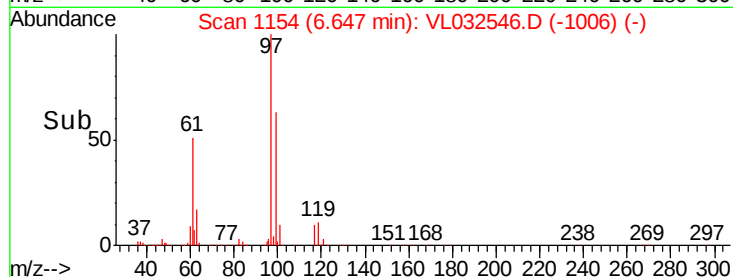
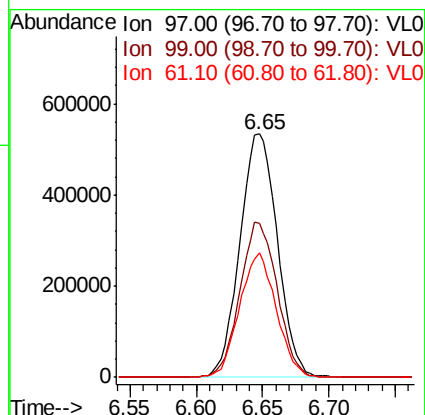
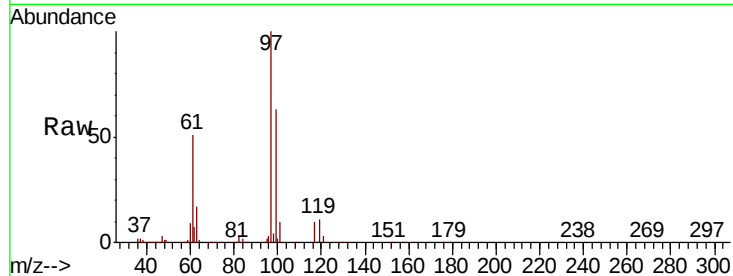
#32
 1,1,1-Trichloroethane
 Concen: 4.854 ppbv
 RT: 6.65 min Scan# 1154
 Delta R.T. -0.02 min
 Lab File: VL032546.D
 Acq: 25 Sep 2018 15:31

Instrument :
 MSVOA_L
 ClientSampleId :
 SVE-INF3-092018DL

Tot Ion	Ratio	Lower	Upper
97	100		
99	63.4	52.1	78.1
61	50.1	42.5	63.7

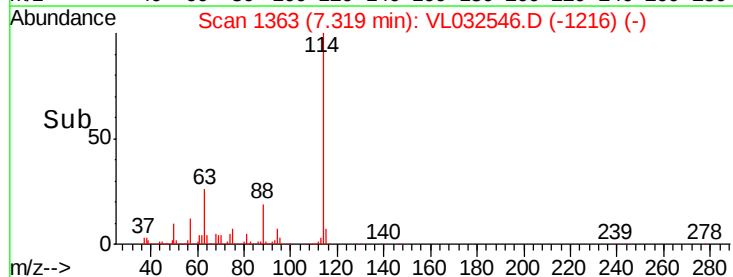
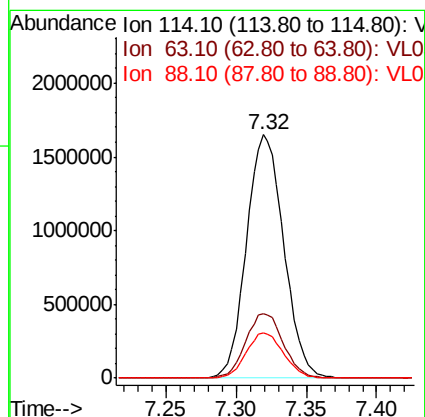
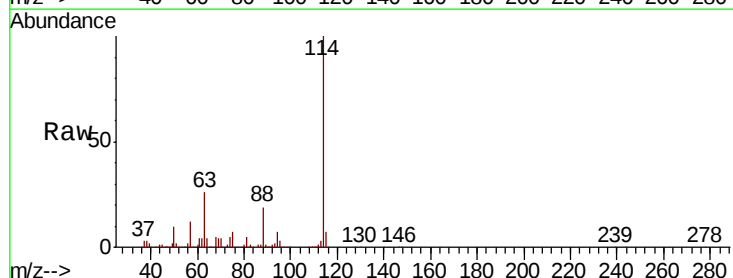
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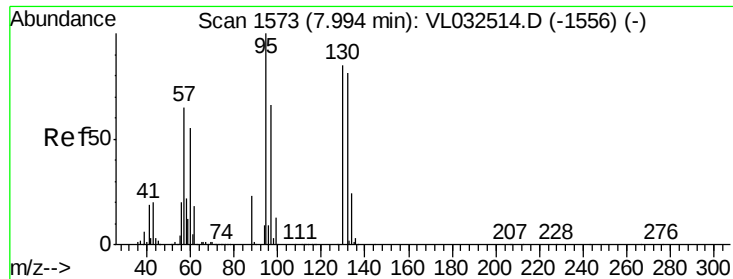
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#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.32 min Scan# 1363
 Delta R.T. -0.03 min
 Lab File: VL032546.D
 Acq: 25 Sep 2018 15:31

Tgt Ion	Ratio	Lower	Upper
114	100		
63	26.9	22.2	33.4
88	18.7	15.0	22.4





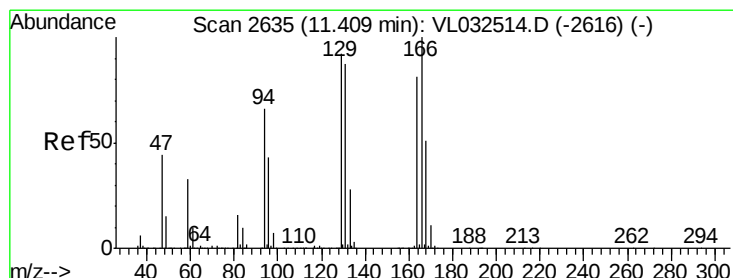
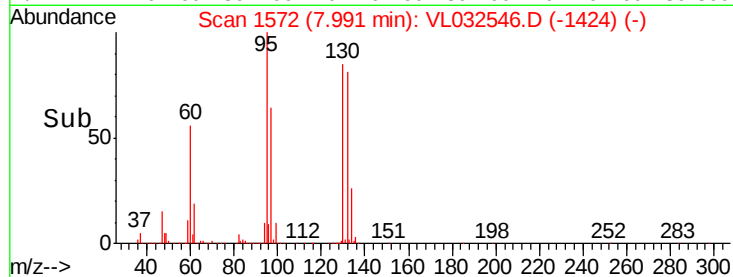
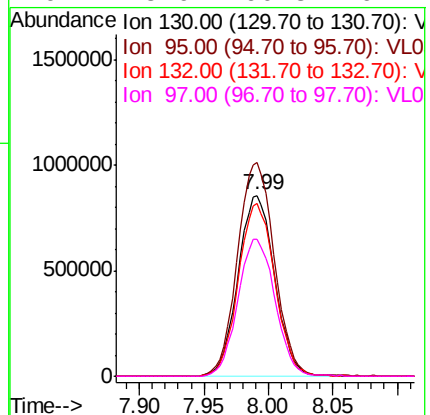
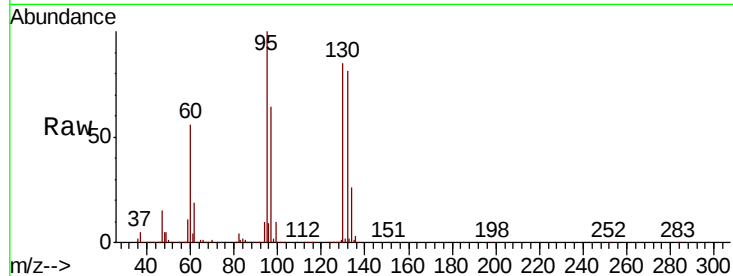
#38
 Trichloroethene
 Concen: 17.923 ppbv
 RT: 7.99 min Scan# 1572
 Delta R.T. -0.02 min
 Lab File: VL032546.D
 Acq: 25 Sep 2018 15:31

Instrument :
 MSVOA_L
 ClientSampleId :
 SVE-INF3-092018DL

Tot Ion	Ratio	Lower	Upper
130	100		
95	118.0	94.2	141.4
132	95.1	76.2	114.4
97	75.9	60.8	91.2

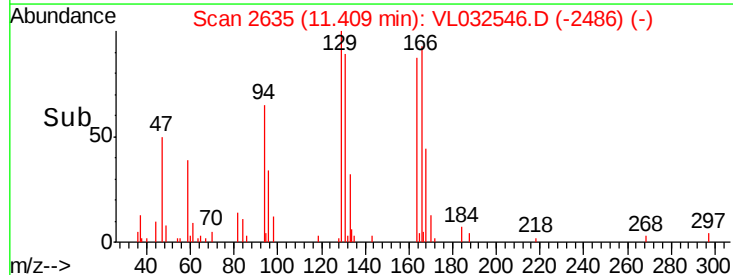
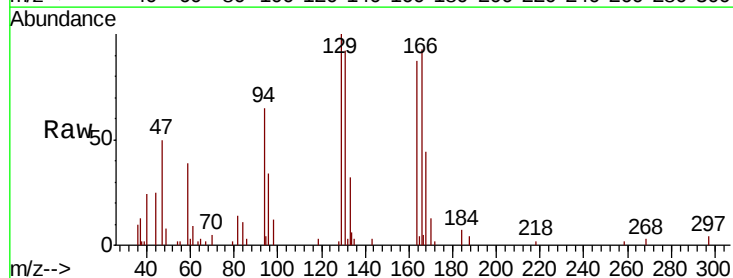
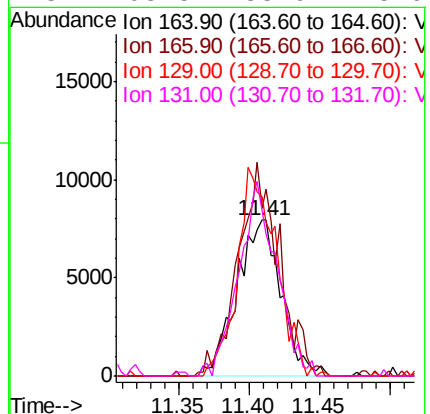
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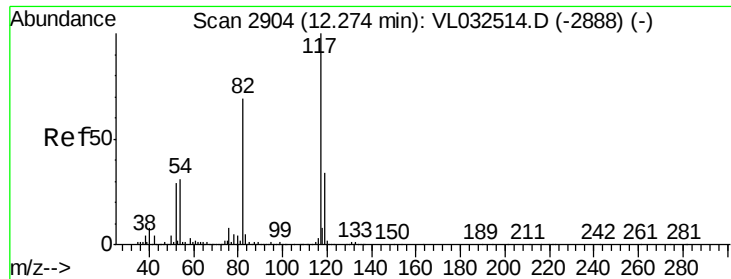
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#52
 Tetrachloroethene
 Concen: 0.203 ppbv m
 RT: 11.41 min Scan# 2635
 Delta R.T. -0.02 min
 Lab File: VL032546.D
 Acq: 25 Sep 2018 15:31

Tgt Ion	Ratio	Lower	Upper
164	100		
166	107.4	100.6	150.8
129	115.1	89.9	134.9
131	105.5	85.9	128.9





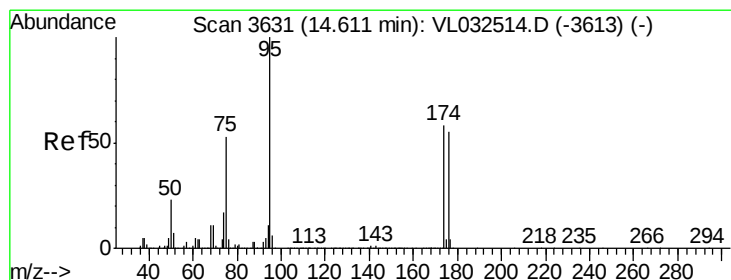
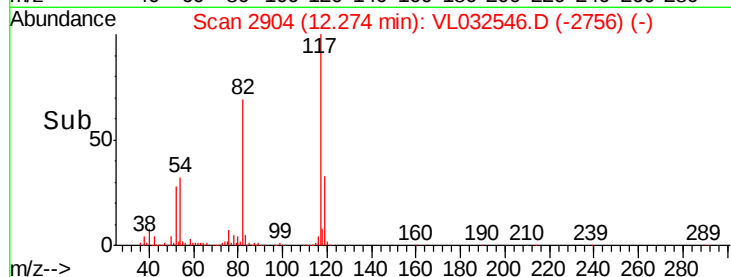
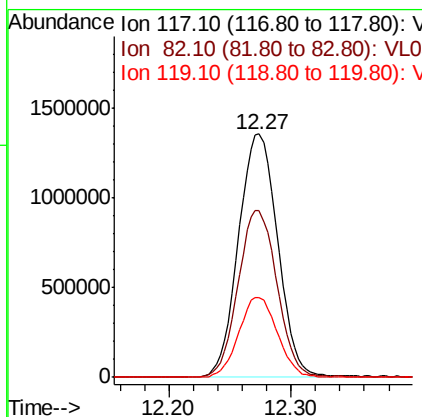
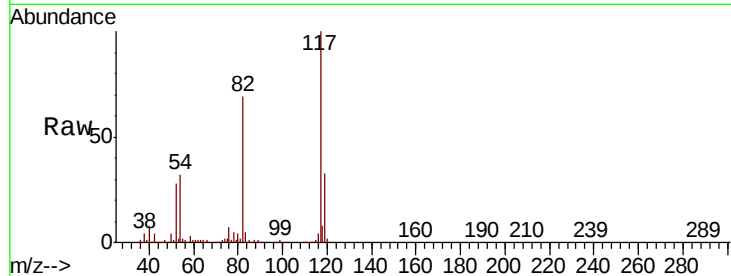
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.27 min Scan# 2904
Delta R.T. -0.02 min
Lab File: VL032546.D
Acq: 25 Sep 2018 15:31

Instrument :
MSVOA_L
ClientSampleId :
SVE-INF3-092018DL

Tot Ion	Ratio	Lower	Upper
117	100		
82	68.6	53.0	79.6
119	32.6	45.9	68.9#

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.107 ppbv
RT: 14.61 min Scan# 3630
Delta R.T. -0.03 min
Lab File: VL032546.D
Acq: 25 Sep 2018 15:31

Tgt Ion	Ratio	Lower	Upper
95	100		
174	57.1	46.3	69.5
175	4.2	3.4	5.0

