

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL092718\
 Data File : VL032561.D
 Acq On : 27 Sep 2018 22:44
 Operator : SY/AP
 Sample : J5034-07DL2 40X
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SVE-INF1-092018DL2

Manual Integrations
 APPROVED

MMDadoda
 10/1/2018 11:57:44 AM

Quant Time: Sep 28 10:29:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL092418AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Tue Sep 28 10:29:20 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	1313460	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.32	114	2866631	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.27	117	3065557	10.00	ppbv	-0.03

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.61	95	2148911	9.30	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	93.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
7) Chloroethane	3.62	64	8342m	0.364	ppbv	
12) 1,1,2-Trichlorotrifluoroet	4.58	101	62718	0.531	ppbv	98
24) 1,1-Dichloroethane	5.11	63	555860	3.276	ppbv	99
31) cis-1,2-Dichloroethene	5.66	61	171832	1.428	ppbv	96
32) 1,1,1-Trichloroethane	6.65	97	655838	3.174	ppbv	99
38) Trichloroethene	7.99	130	341946	3.856	ppbv	99

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

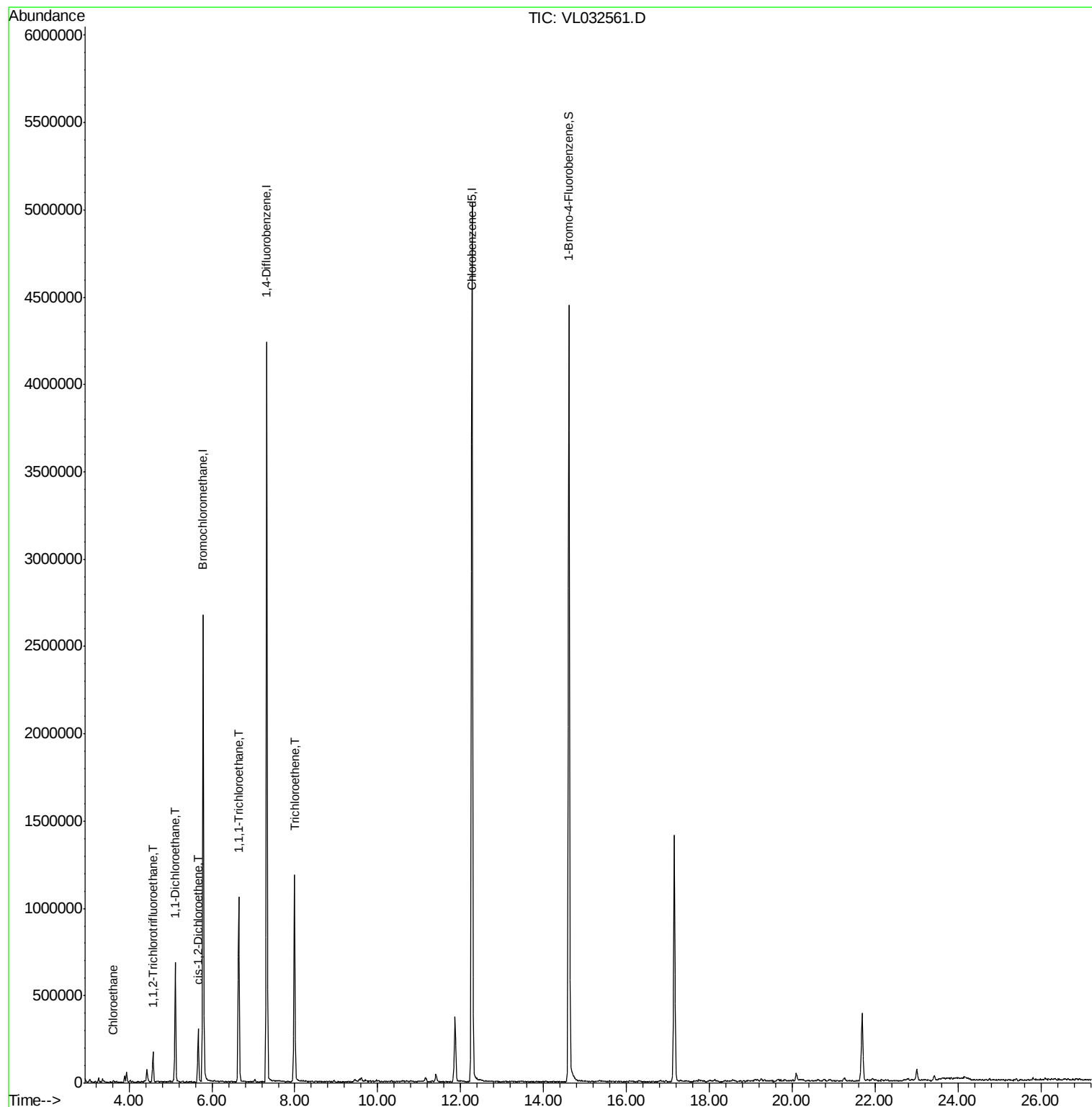
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_L\DATA\VL092718\
Data File : VL032561.D
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Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

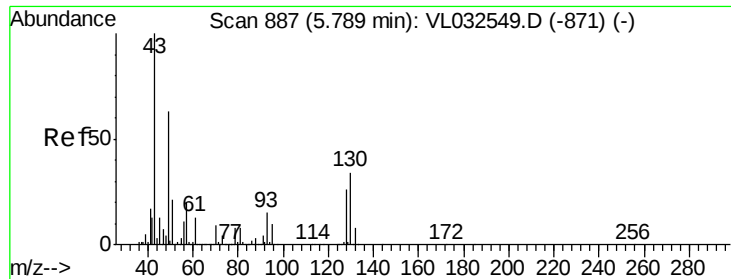
Instrument :
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ClientSampleId :
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Quant Time: Sep 28 10:29:20 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_L\METHODS\VL092418AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Sep
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: VL032561.D

Acq: 27 Sep 2018 22:44

Instrument :

MSVOA_L

ClientSampleId :

SVE-INF1-092018DL2

Tgt Ion: 49 Resp: 1313460

Ion Ratio Lower Upper

49 100

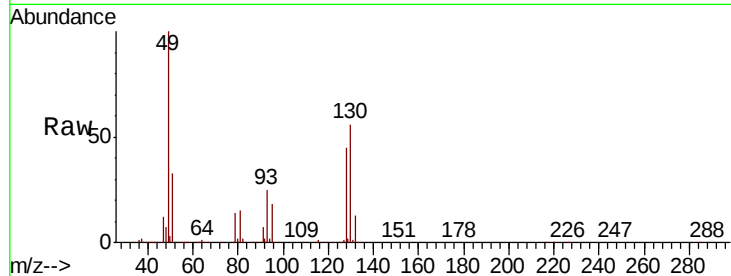
128 44.5 20.7 62.1

130 56.7 26.6 79.7

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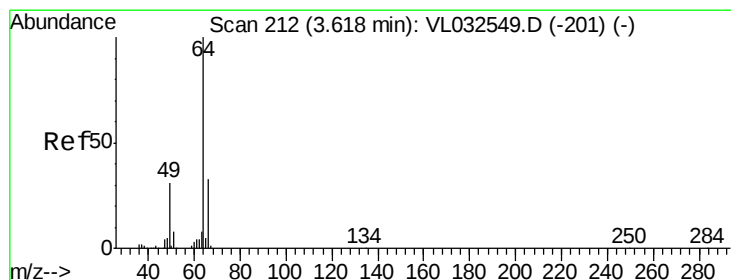
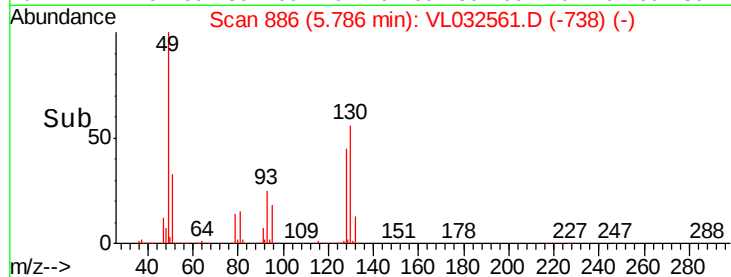
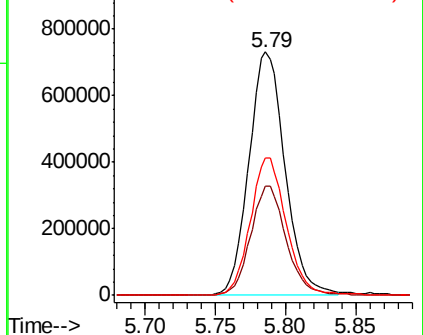
10/1/2018 11:57:44 AM



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#7

Chloroethane

Concen: 0.364 ppbv m

RT: 3.62 min Scan# 213

Delta R.T. -0.01 min

Lab File: VL032561.D

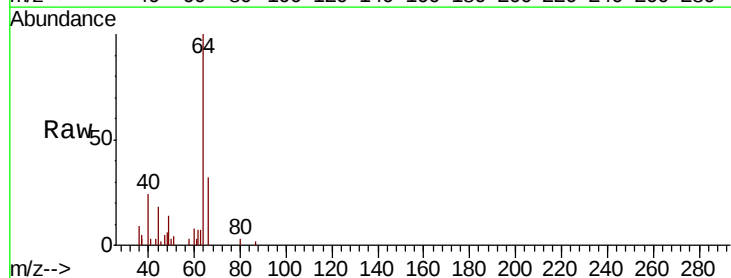
Acq: 27 Sep 2018 22:44

Tgt Ion: 64 Resp: 8342

Ion Ratio Lower Upper

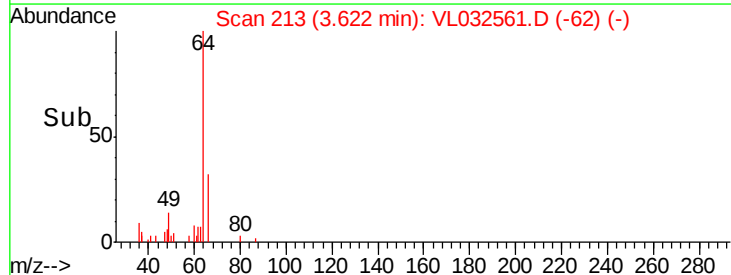
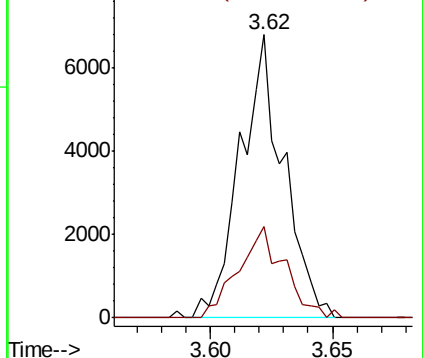
64 100

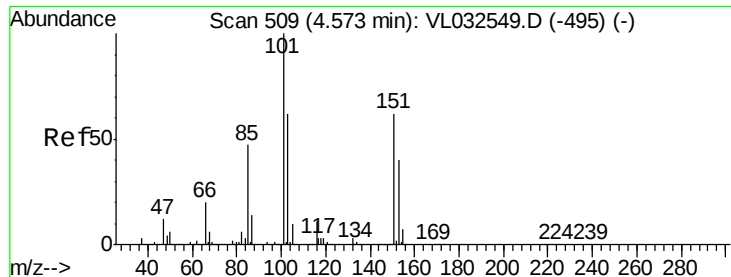
66 32.4 25.8 38.6



Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0





#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.531 ppbv

RT: 4.58 min Scan# 510

Delta R.T. -0.02 min

Lab File: VL032561.D

Acq: 27 Sep 2018 22:44

Instrument :

MSVOA_L

ClientSampleId :

SVE-INF1-092018DL2

Tgt Ion: 101 Resp: 62718

Ion Ratio Lower Upper

101 100

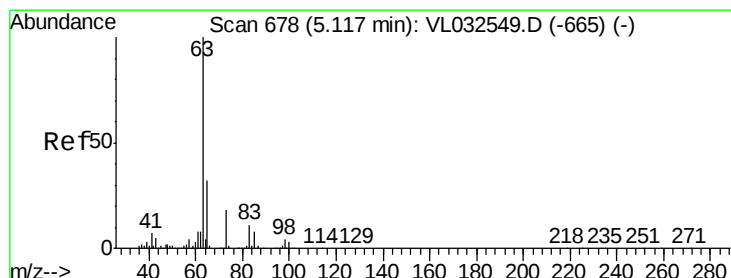
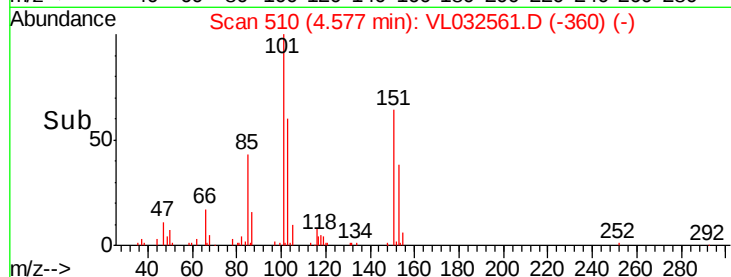
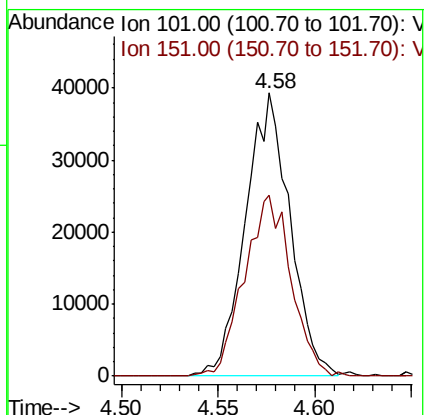
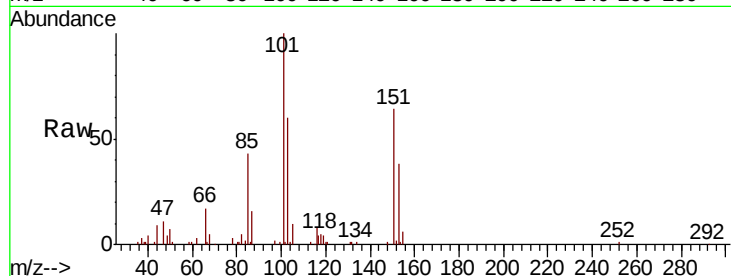
151 67.0 52.6 78.8

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#24

1,1-Dichloroethane

Concen: 3.276 ppbv

RT: 5.11 min Scan# 677

Delta R.T. -0.02 min

Lab File: VL032561.D

Acq: 27 Sep 2018 22:44

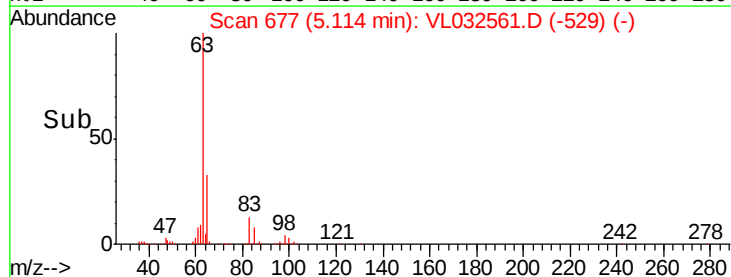
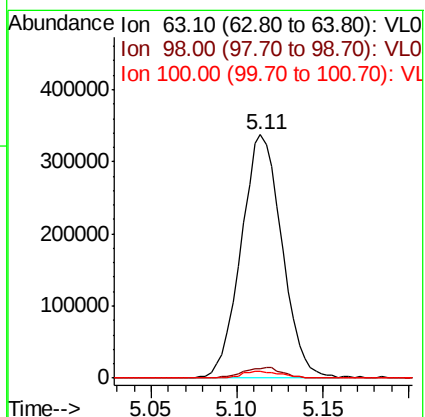
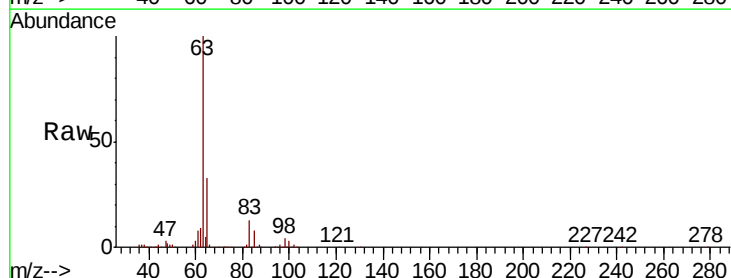
Tgt Ion: 63 Resp: 555860

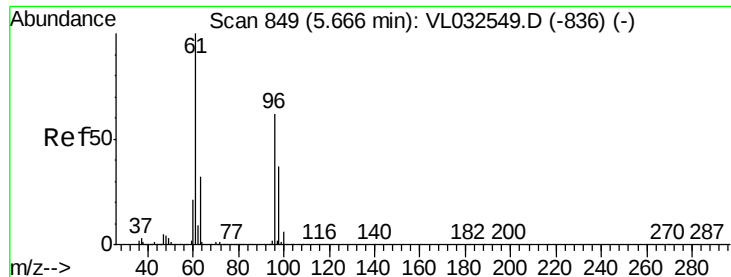
Ion Ratio Lower Upper

63 100

98 4.1 2.1 6.5

100 2.8 1.5 4.4





#31

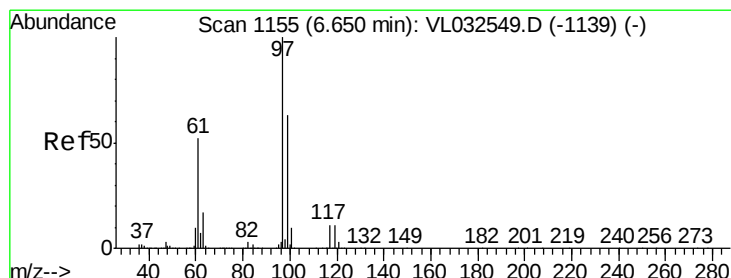
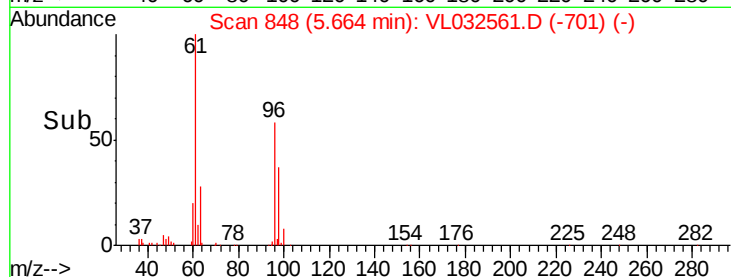
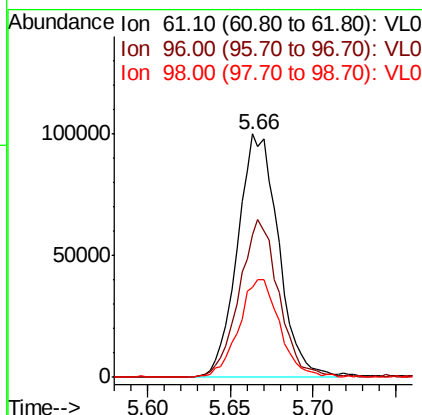
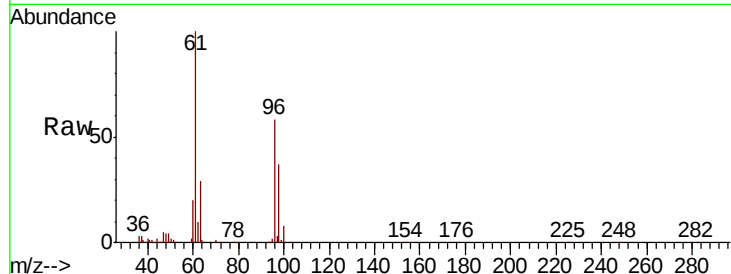
cis-1,2-Dichloroethene
 Concen: 1.428 ppbv
 RT: 5.66 min Scan# 848
 Delta R.T. -0.03 min
 Lab File: VL032561.D
 Acq: 27 Sep 2018 22:44

Instrument :
 MSVOA_L
 ClientSampleId :
 SVE-INF1-092018DL2

Tgt Ion	Ratio	Lower	Upper
61	100		
96	58.2	49.2	73.8
98	36.7	30.7	46.1

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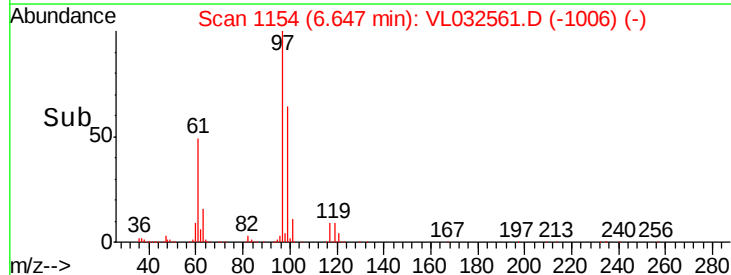
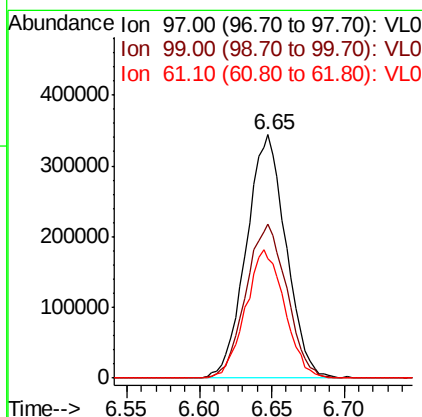
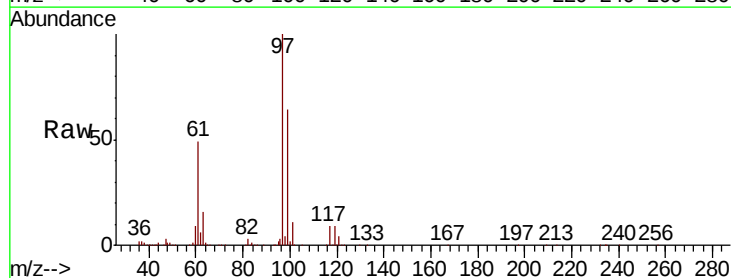
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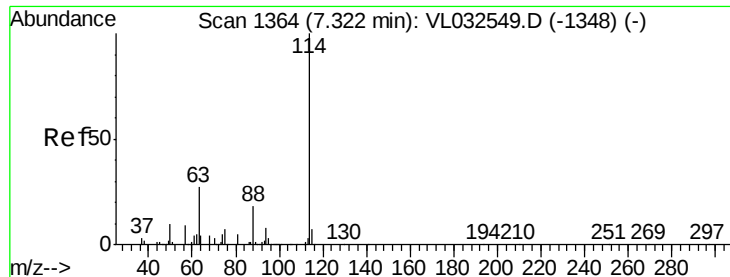


#32

1,1,1-Trichloroethane
 Concen: 3.174 ppbv
 RT: 6.65 min Scan# 1154
 Delta R.T. -0.02 min
 Lab File: VL032561.D
 Acq: 27 Sep 2018 22:44

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.5	52.1	78.1
61	51.9	42.5	63.7





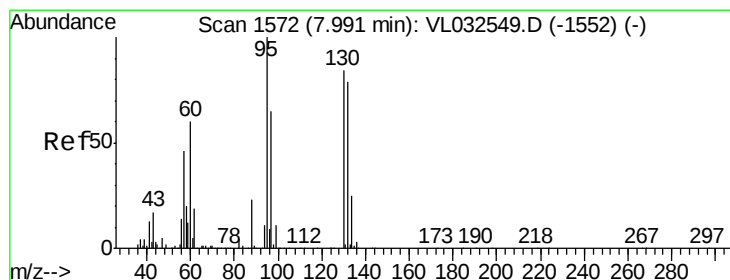
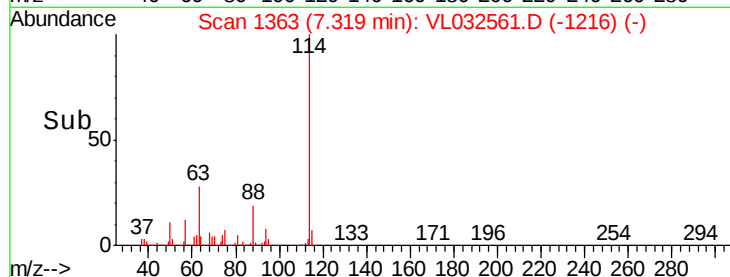
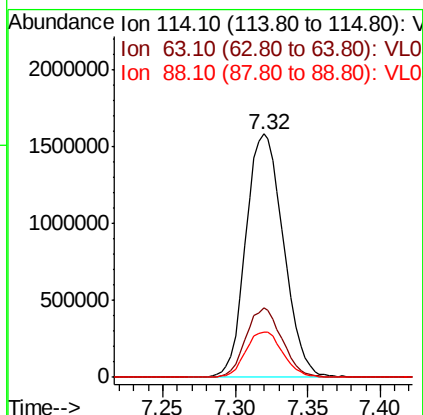
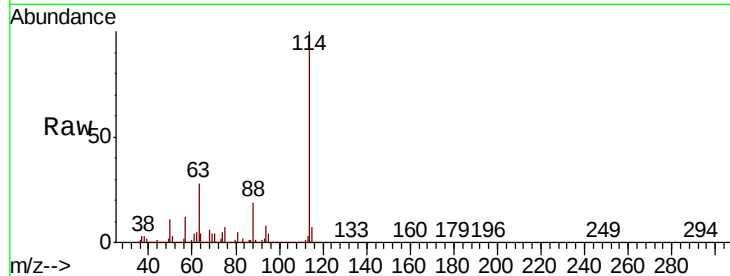
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.32 min Scan# 1363
Delta R.T. -0.03 min
Lab File: VL032561.D
Acq: 27 Sep 2018 22:44

Instrument :
MSVOA_L
ClientSampleId :
SVE-INF1-092018DL2

Tgt Ion	Ratio	Lower	Upper
114	100		
63	27.4	22.2	33.4
88	18.5	15.0	22.4

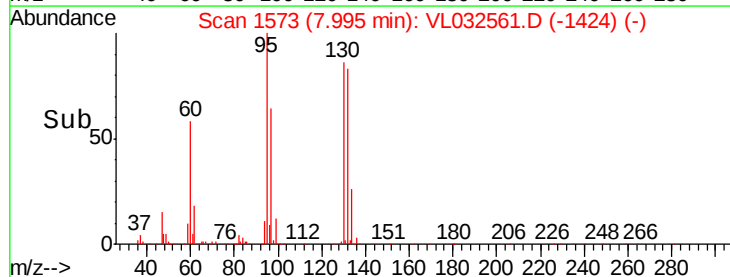
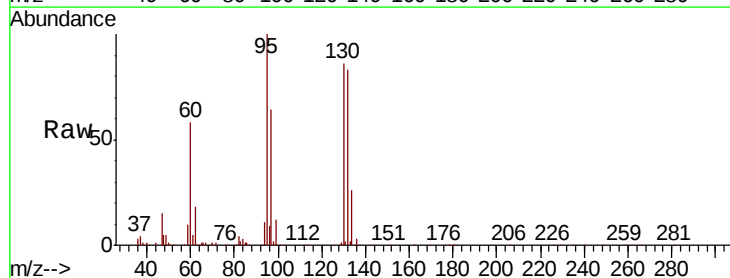
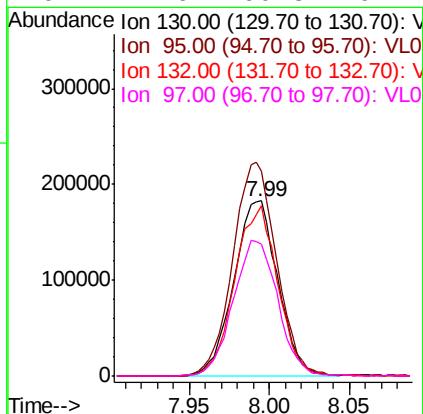
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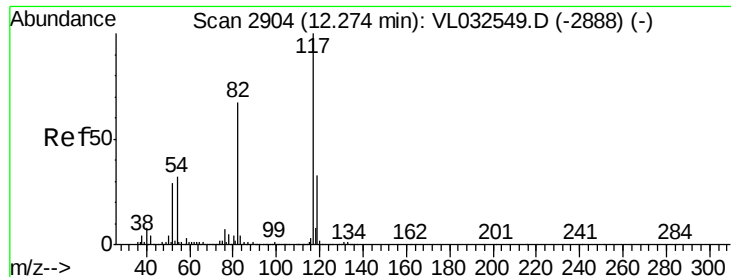
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#38
Trichloroethene
Concen: 3.856 ppbv
RT: 7.99 min Scan# 1573
Delta R.T. -0.02 min
Lab File: VL032561.D
Acq: 27 Sep 2018 22:44

Tgt Ion	Ratio	Lower	Upper
130	100		
95	116.2	94.2	141.4
132	96.4	76.2	114.4
97	74.6	60.8	91.2





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.27 min Scan# 2903

Delta R.T. -0.03 min

Lab File: VL032561.D

Acq: 27 Sep 2018 22:44

Instrument :

MSVOA_L

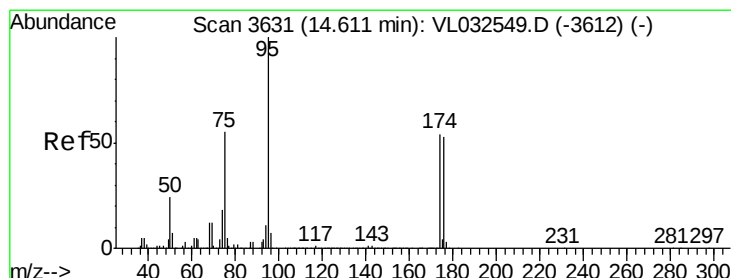
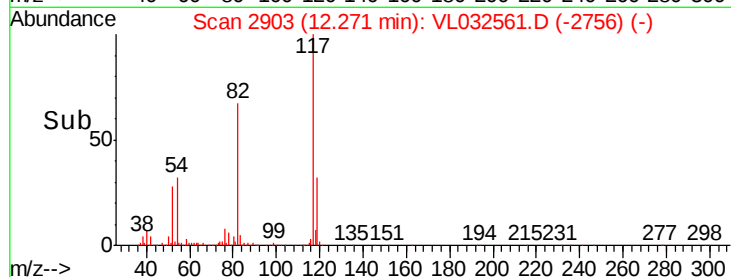
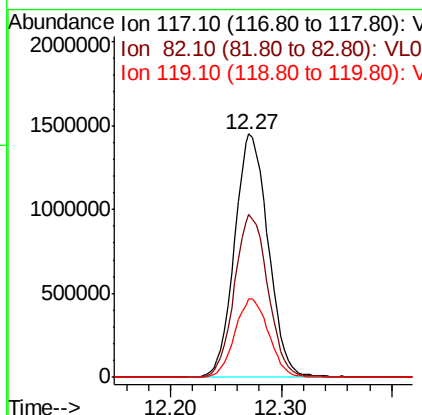
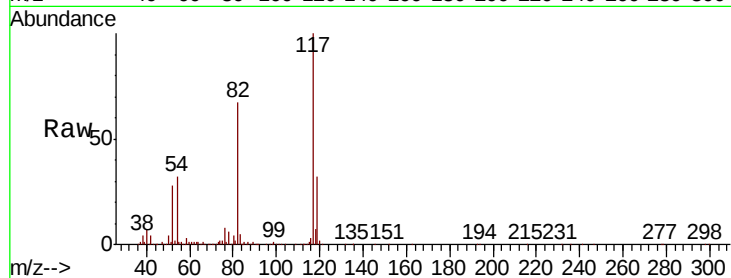
ClientSampleId :

SVE-INF1-092018DL2

Tgt Ion:	117	Resp:	3065557
Ion	Ratio	Lower	Upper
117	100		
82	66.9	53.0	79.6
119	32.5	45.9	68.9#

Manual Integrations
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#68

1-Bromo-4-Fluorobenzene

Concen: 9.295 ppbv

RT: 14.61 min Scan# 3631

Delta R.T. -0.02 min

Lab File: VL032561.D

Acq: 27 Sep 2018 22:44

Tgt Ion:	95	Resp:	2148911
Ion	Ratio	Lower	Upper
95	100		
174	58.0	46.3	69.5
175	4.2	3.4	5.0

