

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL120718\
 Data File : VL032947.D
 Acq On : 7 Dec 2018 23:04
 Operator : SY/AP
 Sample : J6262-04DL 40X
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV2DL

Manual Integrations
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 12/11/2018 10:09:39 AM

Quant Time: Dec 08 04:29:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL120718AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Dec 0
 QLast Update : Fri Dec 07 09:35:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	1267683	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	3297066	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	3043719	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	2436616	10.84	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	108.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chlorodifluoromethane	3.02	51	203603m	2.121	ppbv	
9) Propene	3.05	41	17211m	0.453	ppbv	
15) Acetone	3.92	43	58664	0.539	ppbv	96
22) trans-1,2-Dichloroethene	4.97	96	183504	2.775	ppbv	87
29) Chloroform	5.85	83	66333	0.313	ppbv	96
31) cis-1,2-Dichloroethene	5.64	61	388519	3.568	ppbv	97
38) Trichloroethene	7.96	130	1965328	19.474	ppbv	99
52) Tetrachloroethene	11.39	164	8237039	93.378	ppbv	95
74) 1,2,4-Trimethylbenzene	16.93	105	20469	0.056	ppbv #	62

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

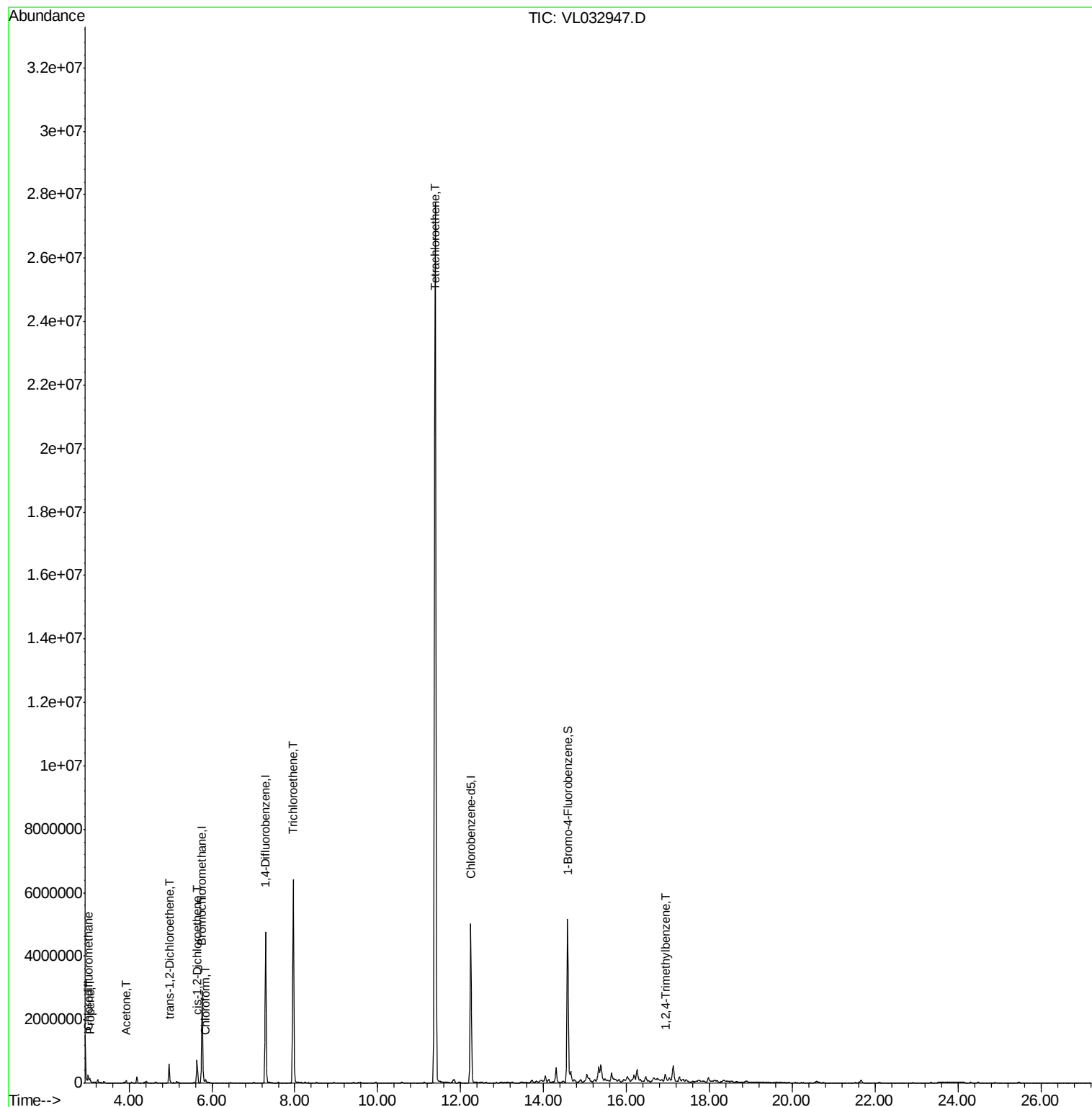
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_L\DATA\VL120718\
Data File : VL032947.D
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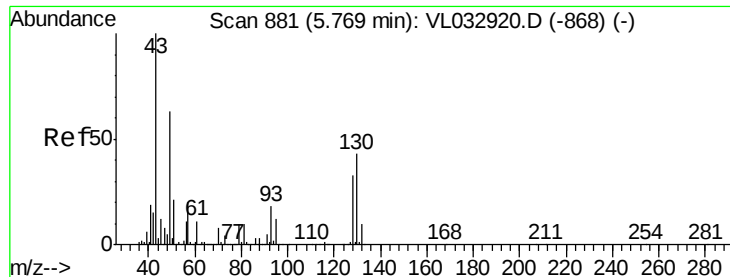
Instrument :
MSVOA_L
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Quant Time: Dec 08 04:29:55 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_L\METHODS\VL120718AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Dec
QLast Update : Fri Dec 07 09:35:17 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.76 min Scan# 879

Delta R.T. -0.01 min

Lab File: VL032947.D

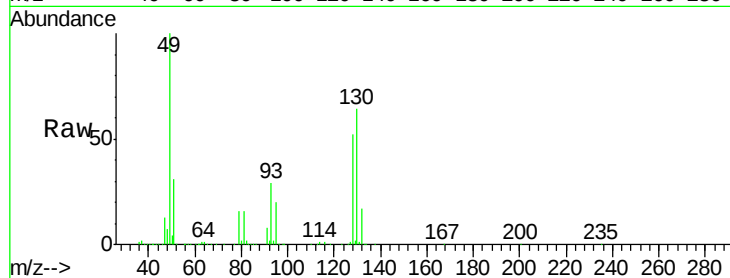
Acq: 7 Dec 2018 23:04

Instrument :

MSVOA_L

ClientSampled :

SV2DL



Tgt Ion: 49 Resp: 1267683

Ion Ratio Lower Upper

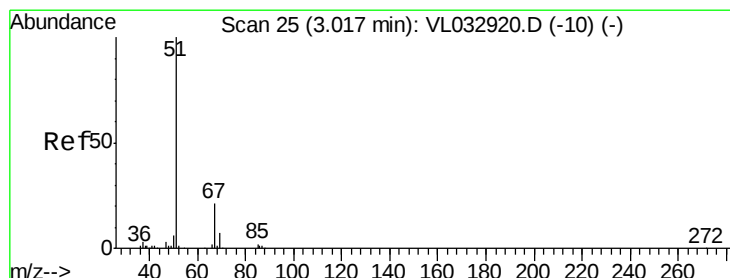
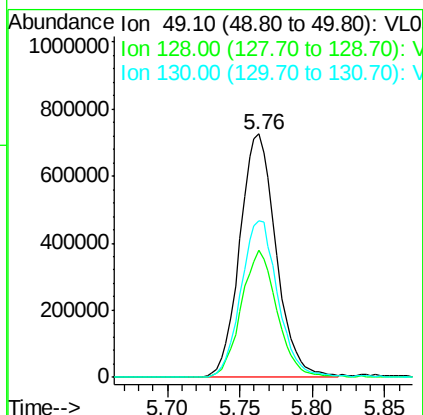
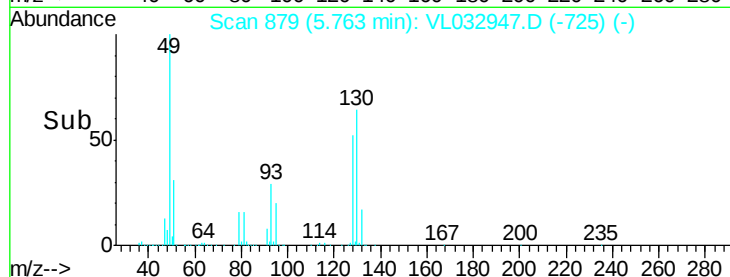
49 100

128 52.1 26.3 78.8

130 66.2 33.9 101.7

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#3

Chlorodifluoromethane

Concen: 2.121 ppbv m

RT: 3.02 min Scan# 25

Delta R.T. 0.00 min

Lab File: VL032947.D

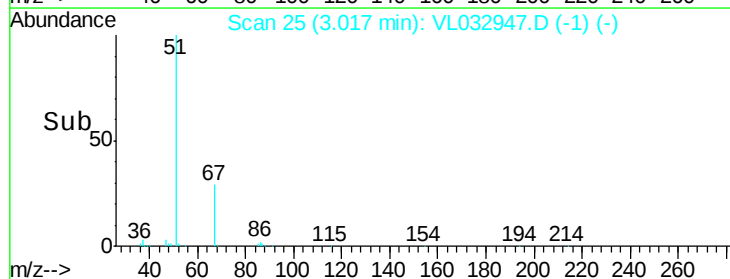
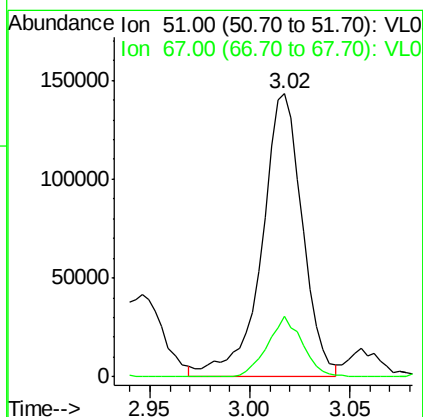
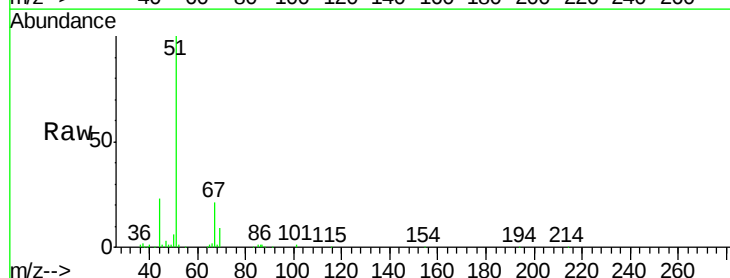
Acq: 7 Dec 2018 23:04

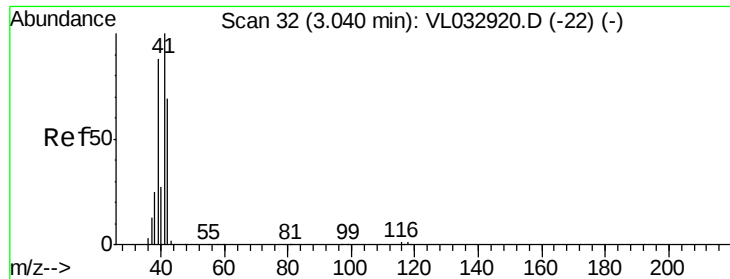
Tgt Ion: 51 Resp: 203603

Ion Ratio Lower Upper

51 100

67 18.4 16.8 25.2





#9

Propene

Concen: 0.453 ppbv m

RT: 3.05 min Scan# 35

Delta R.T. 0.01 min

Lab File: VL032947.D

Acq: 7 Dec 2018 23:04

Instrument :

MSVOA_L

ClientSampleId :

SV2DL

Tgt Ion: 41 Resp: 17211

Ion Ratio Lower Upper

41 100

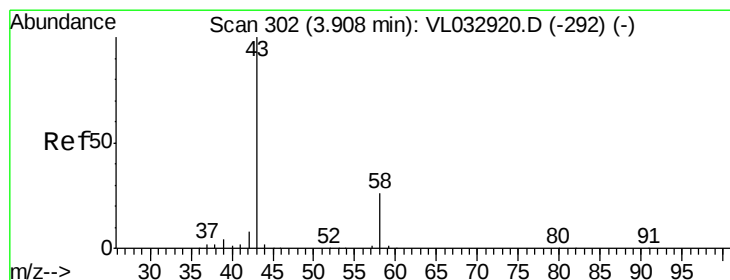
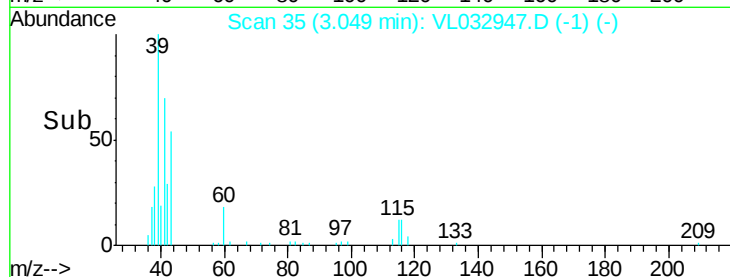
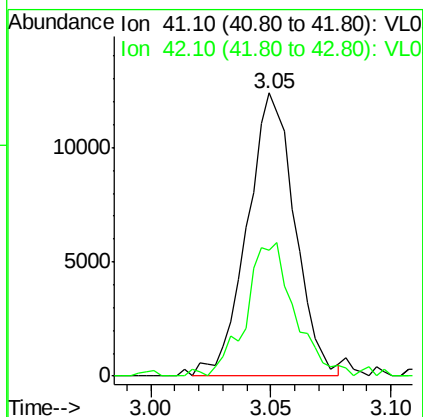
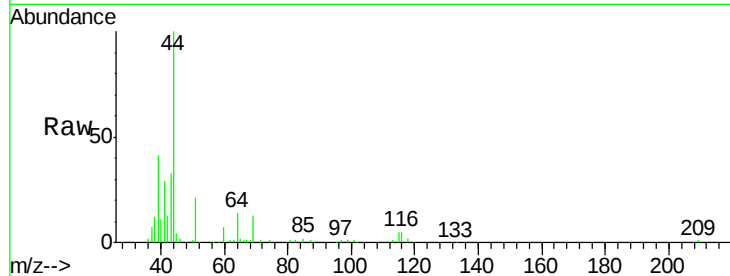
42 111.0 56.2 84.2#

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#15

Acetone

Concen: 0.539 ppbv

RT: 3.92 min Scan# 307

Delta R.T. 0.02 min

Lab File: VL032947.D

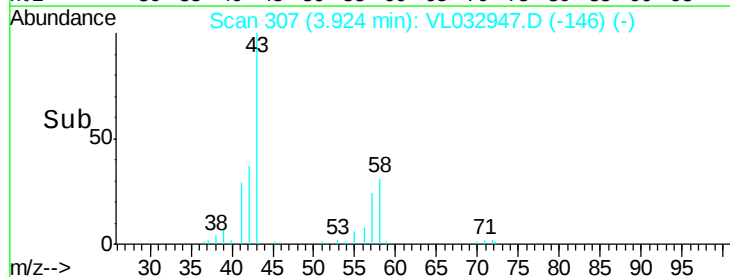
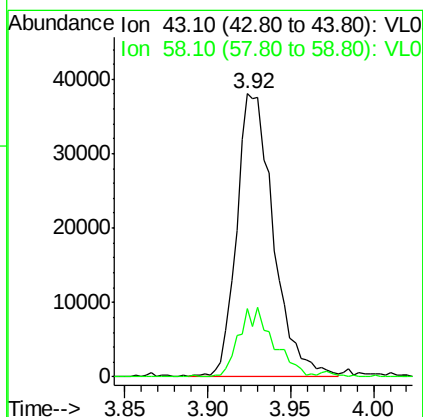
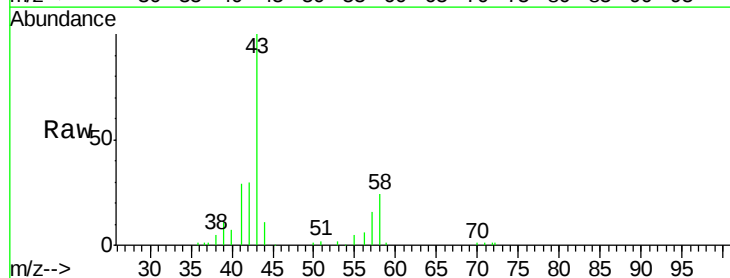
Acq: 7 Dec 2018 23:04

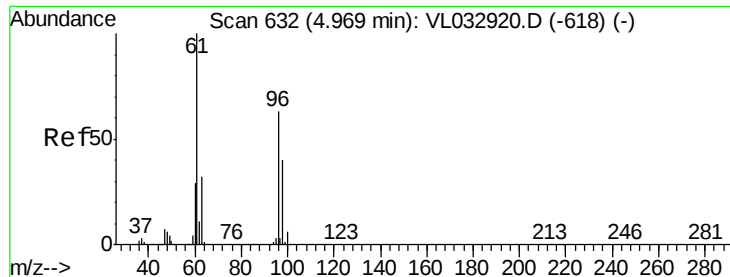
Tgt Ion: 43 Resp: 58664

Ion Ratio Lower Upper

43 100

58 23.9 20.6 30.8





#22

trans-1,2-Dichloroethene

Concen: 2.775 ppbv

RT: 4.97 min Scan# 631

Delta R.T. -0.00 min

Lab File: VL032947.D

Acq: 7 Dec 2018 23:04

Instrument :

MSVOA_L

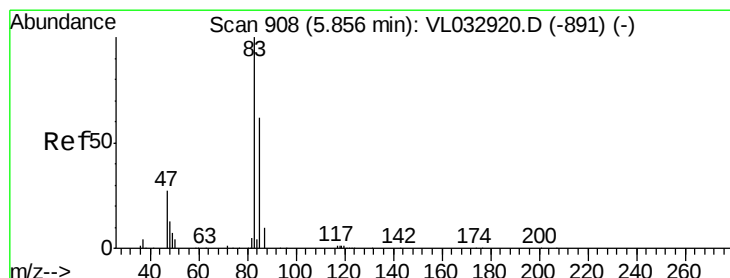
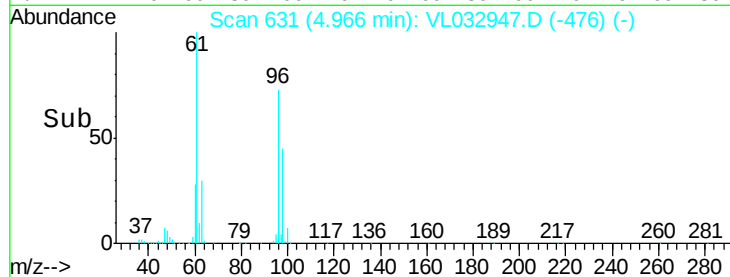
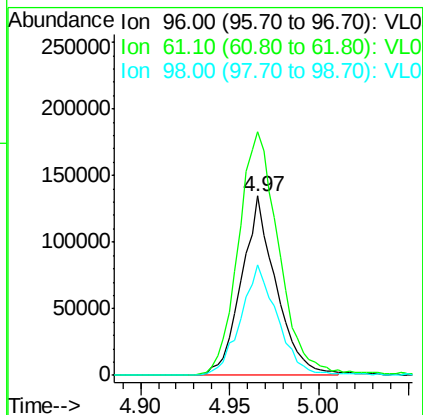
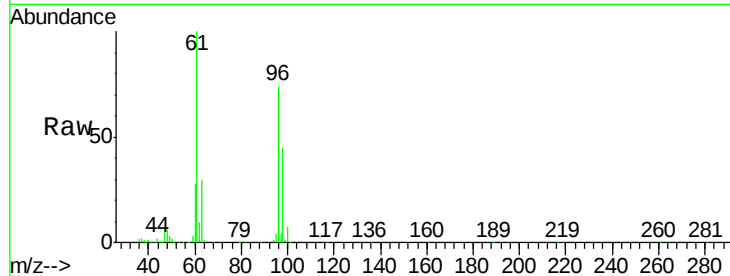
ClientSampleId :

SV2DL

Tgt Ion:	96	Resp:	183504
Ion	Ratio	Lower	Upper
96	100		
61	135.8	127.1	190.7
98	61.7	51.3	76.9

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#29

Chloroform

Concen: 0.313 ppbv

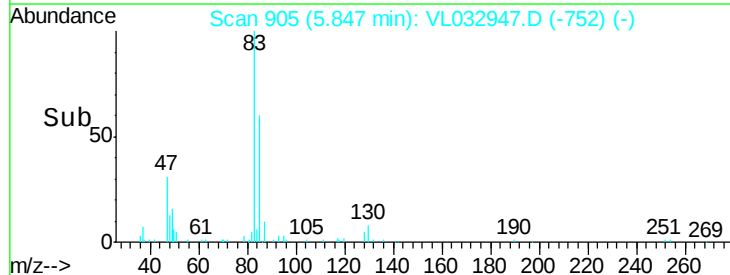
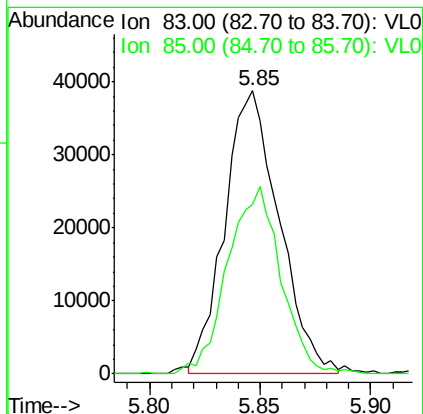
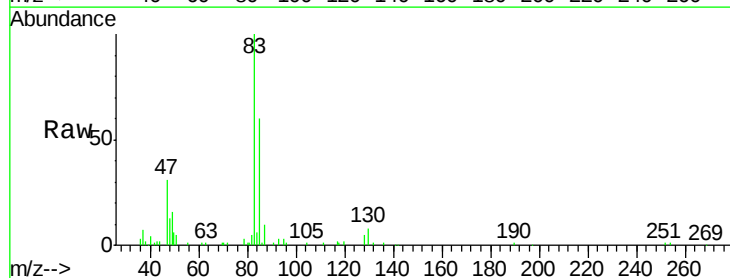
RT: 5.85 min Scan# 905

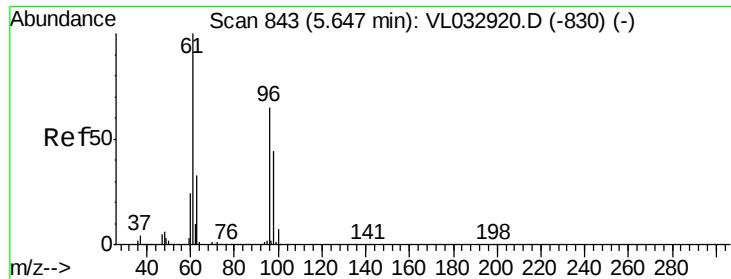
Delta R.T. -0.01 min

Lab File: VL032947.D

Acq: 7 Dec 2018 23:04

Tgt Ion:	83	Resp:	66333
Ion	Ratio	Lower	Upper
83	100		
85	59.5	49.8	74.8





#31

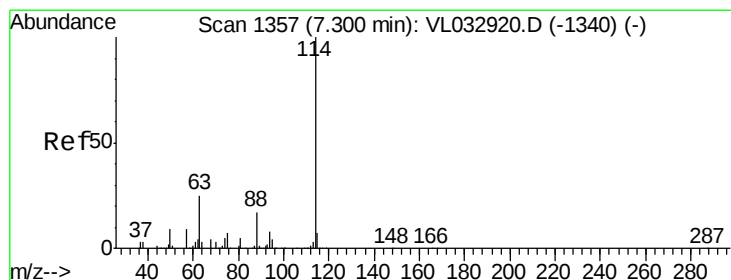
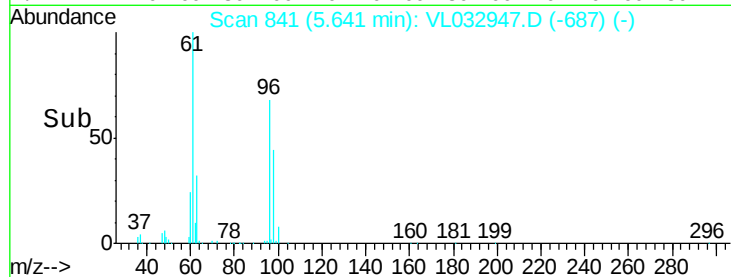
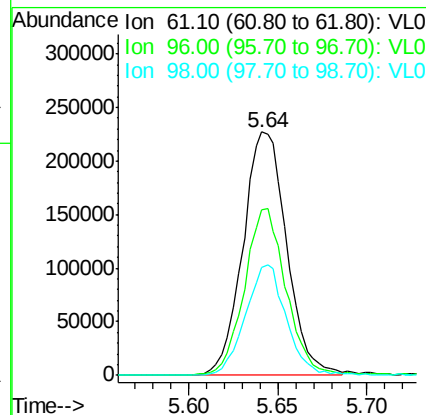
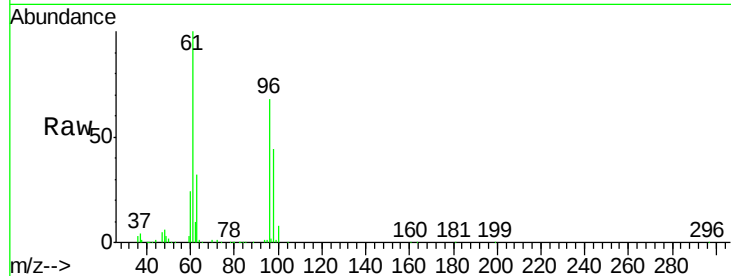
cis-1,2-Dichloroethene
 Concen: 3.568 ppbv
 RT: 5.64 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: VL032947.D
 Acq: 7 Dec 2018 23:04

Instrument :
 MSVOA_L
 ClientSampleId :
 SV2DL

Tgt Ion	Ratio	Lower	Upper
61	100		
96	67.8	51.9	77.9
98	44.3	35.0	52.4

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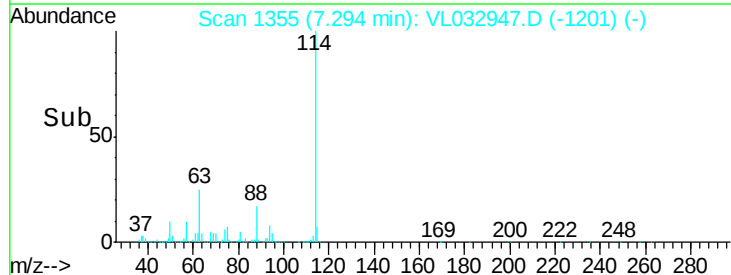
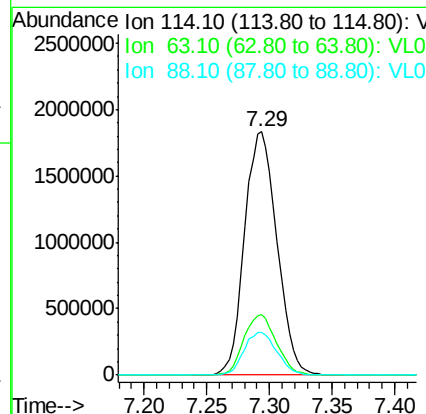
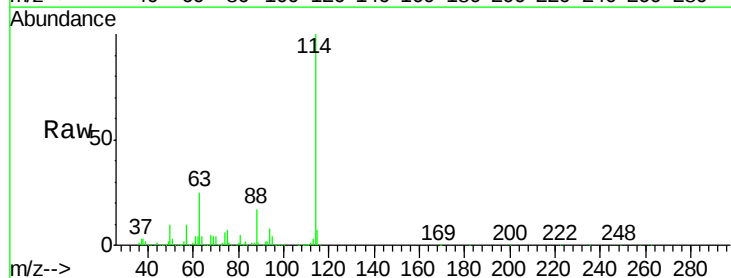
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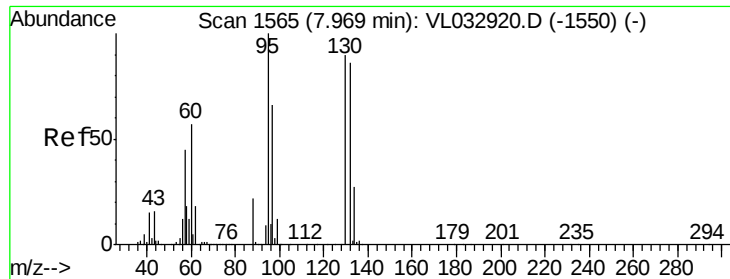


#33

1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.29 min Scan# 1355
 Delta R.T. -0.01 min
 Lab File: VL032947.D
 Acq: 7 Dec 2018 23:04

Tgt Ion	Ratio	Lower	Upper
114	100		
63	25.0	20.1	30.1
88	17.8	14.2	21.4





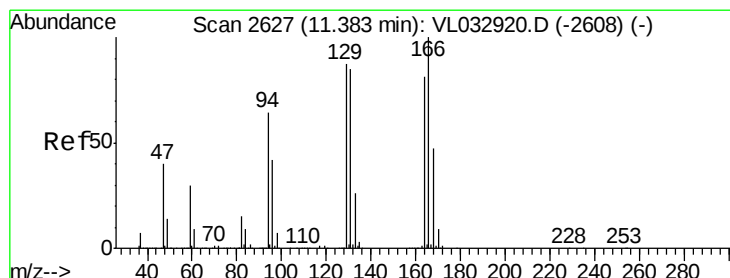
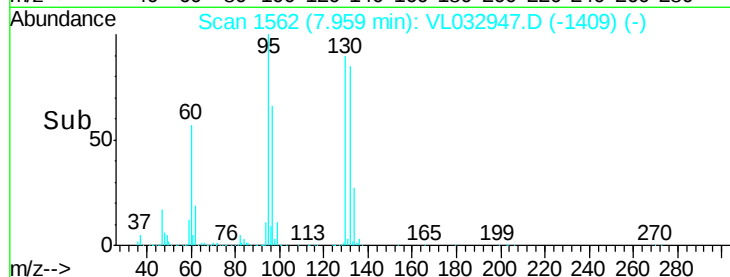
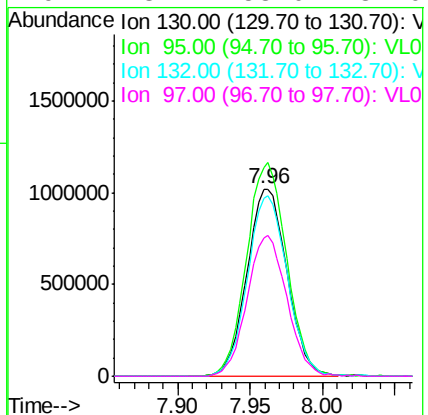
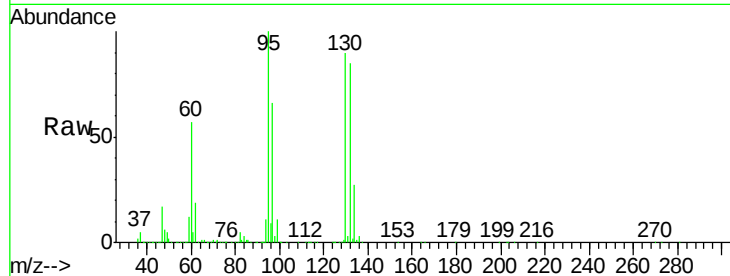
#38
 Trichloroethene
 Concen: 19.474 ppbv
 RT: 7.96 min Scan# 1562
 Delta R.T. -0.01 min
 Lab File: VL032947.D
 Acq: 7 Dec 2018 23:04

Instrument :
 MSVOA_L
 ClientSampleId :
 SV2DL

Tgt Ion:130 Resp: 1965328
 Ion Ratio Lower Upper
 130 100
 95 111.6 88.6 132.8
 132 94.7 76.1 114.1
 97 73.4 58.0 87.0

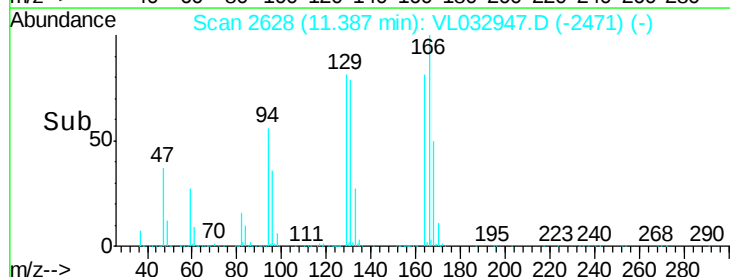
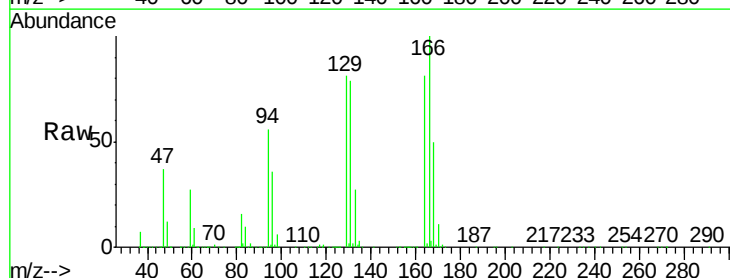
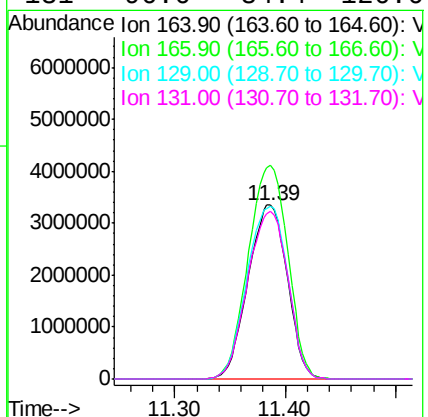
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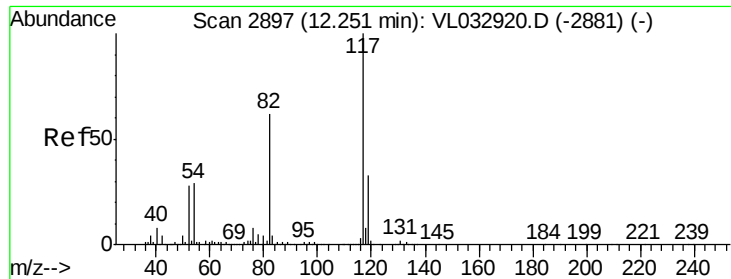
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#52
 Tetrachloroethene
 Concen: 93.378 ppbv
 RT: 11.39 min Scan# 2628
 Delta R.T. 0.00 min
 Lab File: VL032947.D
 Acq: 7 Dec 2018 23:04

Tgt Ion:164 Resp: 8237039
 Ion Ratio Lower Upper
 164 100
 166 122.8 98.8 148.2
 129 99.4 85.5 128.3
 131 96.6 84.4 126.6





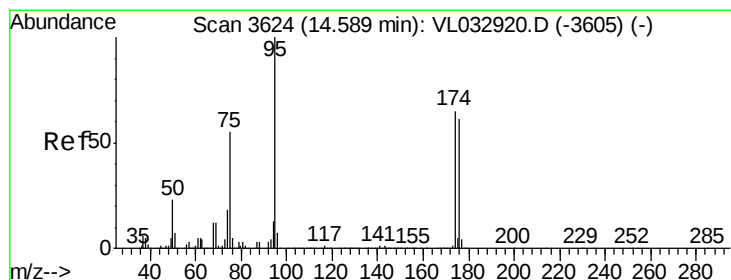
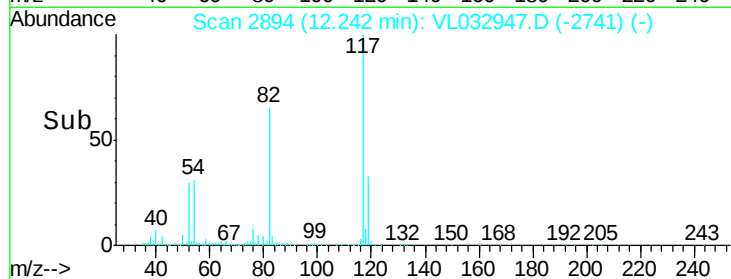
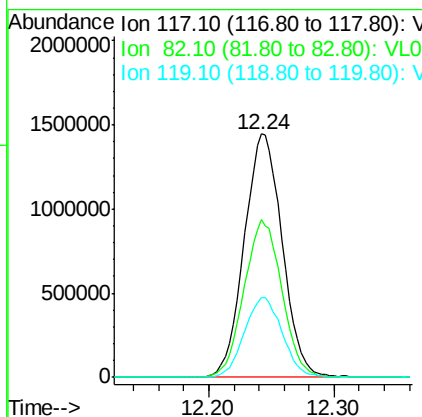
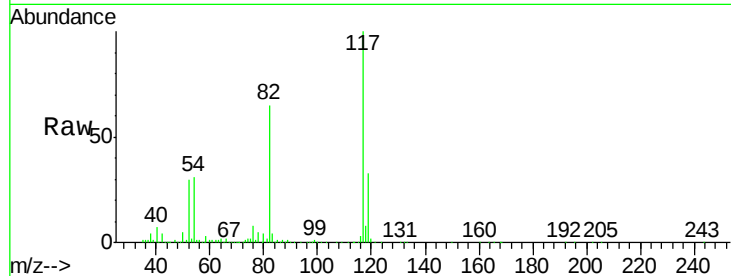
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2894
Delta R.T. -0.01 min
Lab File: VL032947.D
Acq: 7 Dec 2018 23:04

Instrument :
MSVOA_L
ClientSampleId :
SV2DL

Tgt Ion: 117 Resp: 3043719
Ion Ratio Lower Upper
117 100
82 64.7 47.8 71.8
119 32.9 43.1 64.7#

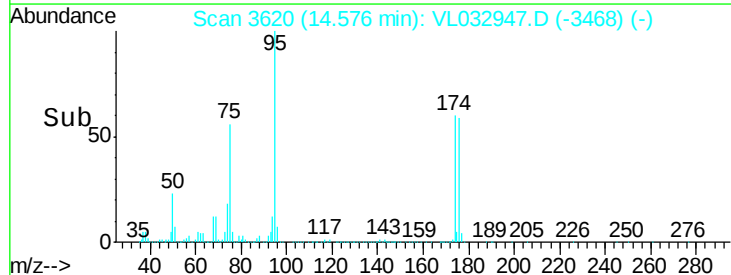
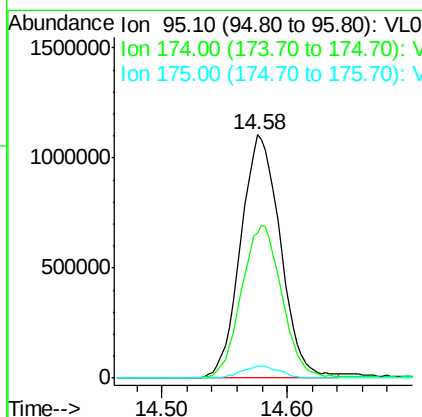
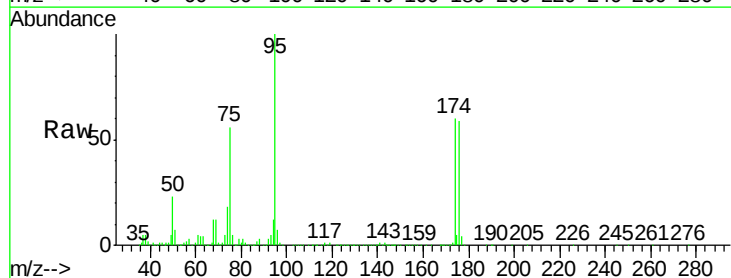
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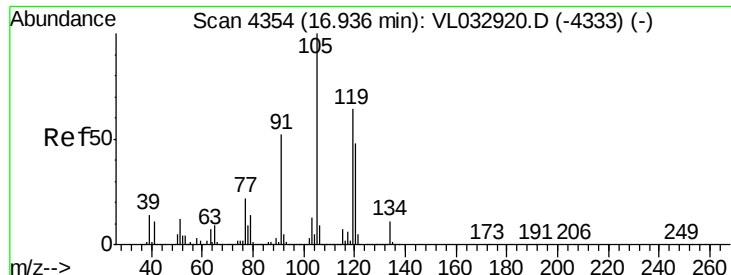
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#68
1-Bromo-4-Fluorobenzene
Concen: 10.836 ppbv
RT: 14.58 min Scan# 3620
Delta R.T. -0.01 min
Lab File: VL032947.D
Acq: 7 Dec 2018 23:04

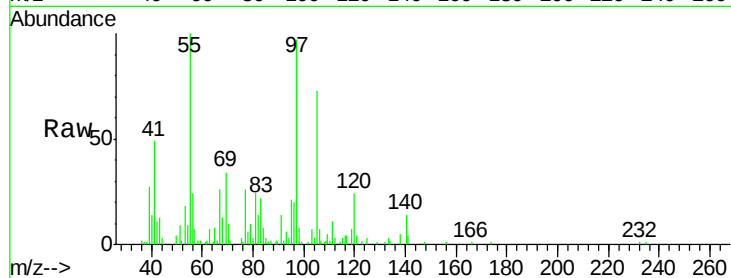
Tgt Ion: 95 Resp: 2436616
Ion Ratio Lower Upper
95 100
174 65.1 51.4 77.0
175 4.8 3.8 5.6





#74
 1,2,4-Trimethylbenzene
 Concen: 0.056 ppbv
 RT: 16.93 min Scan# 4351
 Delta R.T. -0.01 min
 Lab File: VL032947.D
 Acq: 7 Dec 2018 23:04

Instrument :
 MSVOA_L
 ClientSampleId :
 SV2DL



Tgt Ion	Ratio	Resp Lower	Resp Upper
105	100		
120	28.8	38.6	58.0#
91	14.7	41.7	62.5#
77	32.0	17.4	26.2#

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