

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL032019\
 Data File : VL033409.D
 Acq On : 21 Mar 2019 3:34
 Operator : SY/AP
 Sample : K1975-04DL 40X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV2DL

Manual Integrations
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 3/25/2019 8:26:40 AM

Quant Time: Mar 22 06:41:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL031519AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Mar 1
 QLast Update : Fri Mar 15 14:52:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	1202459	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	2830903	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.24	117	1778443	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	1326815	10.07	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.70%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.04	41	14137m	0.229	ppbv	
15) Acetone	3.90	43	445154	2.382	ppbv	99
32) 1,1,1-Trichloroethane	6.61	97	427046	2.187	ppbv	99
34) 2-Butanone	5.35	43	39665	0.213	ppbv	95
52) Tetrachloroethene	11.37	164	1437009	13.615	ppbv	98
53) Toluene	9.95	91	61018	0.212	ppbv	96

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

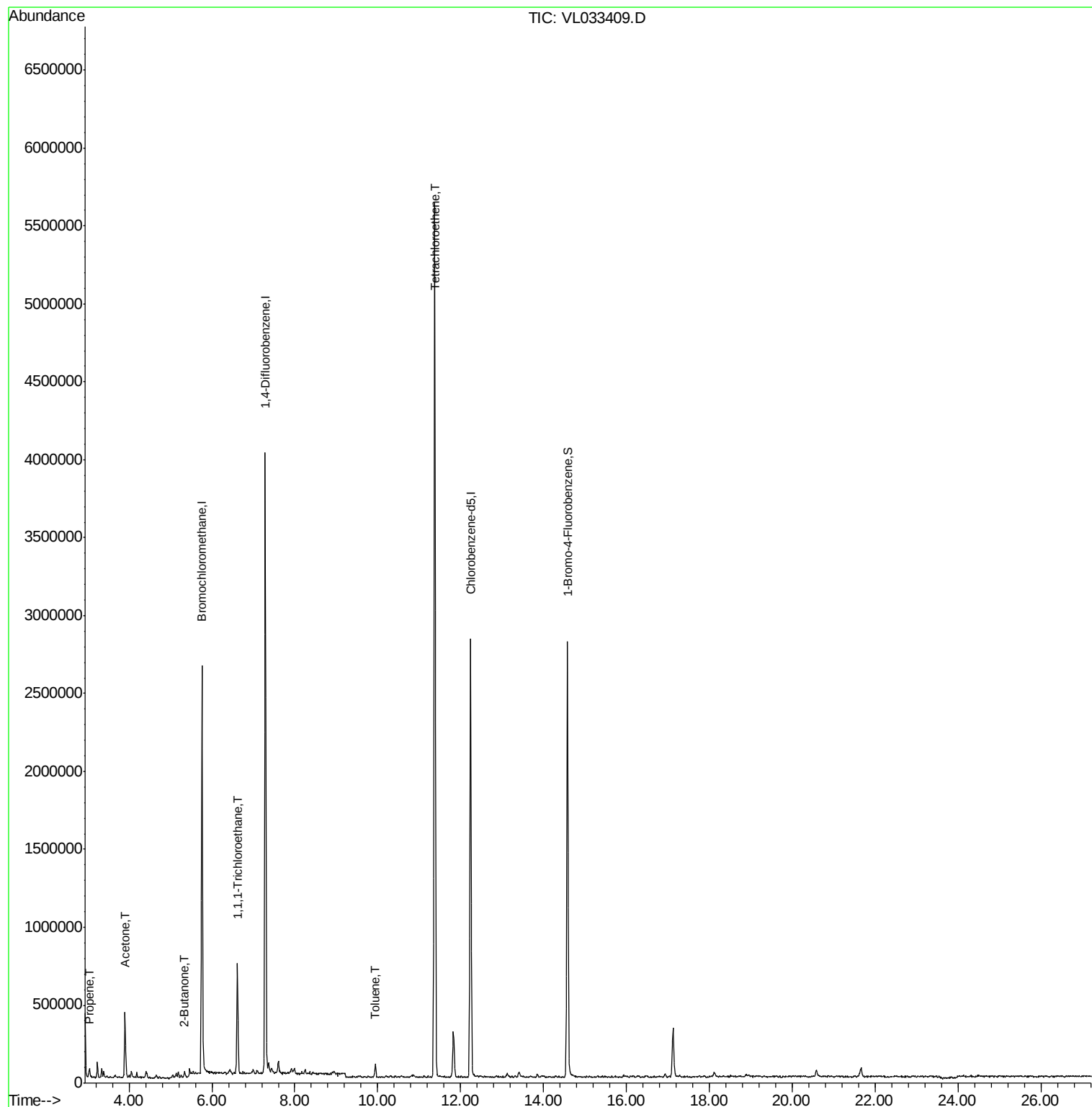
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL032019\
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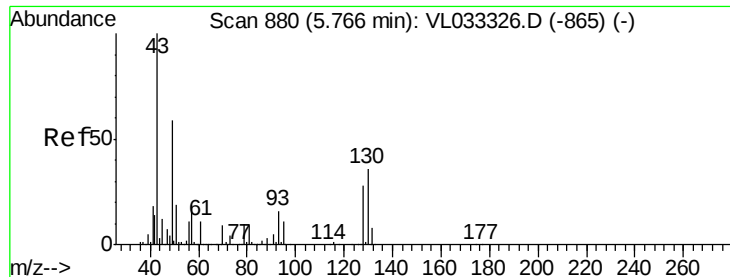
Instrument :
MSVOA_L
ClientSampleId :
SV2DL

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QLast Update : Fri Mar 15 14:52:14 2019
Response via : Initial Calibration





#1

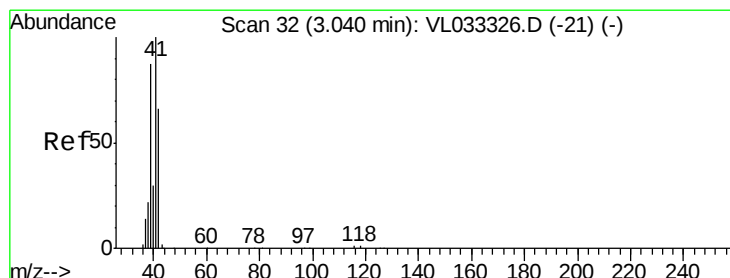
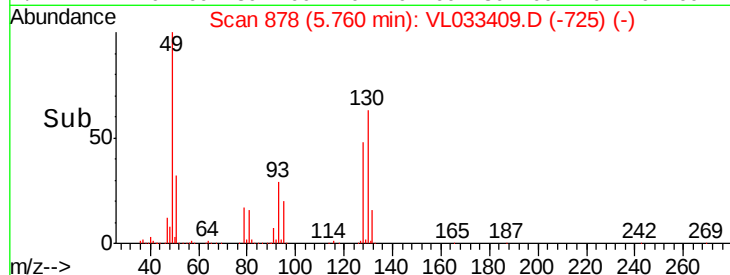
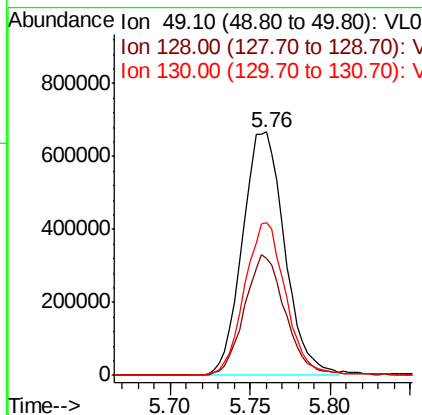
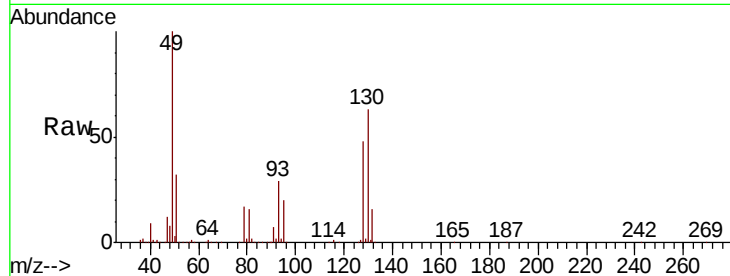
Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.76 min Scan# 878
 Delta R.T. -0.01 min
 Lab File: VL033409.D
 Acq: 21 Mar 2019 3:34

Instrument :
 MSVOA_L
 ClientSampleID :
 SV2DL

Tot Ion: 49 Resp: 1202459
 Ion Ratio Lower Upper
 49 100
 128 48.5 23.5 70.6
 130 61.8 30.1 90.3

Manual Integrations
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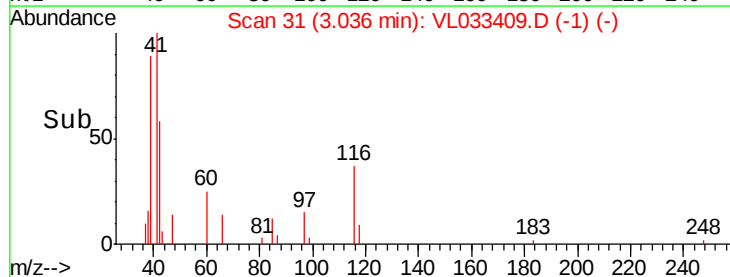
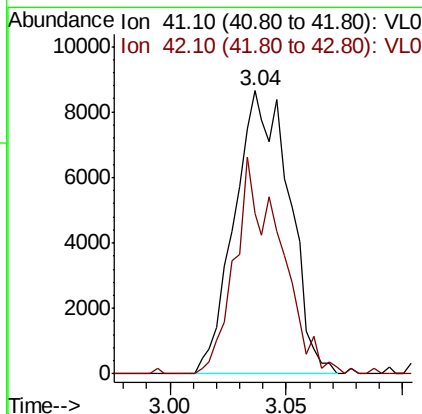
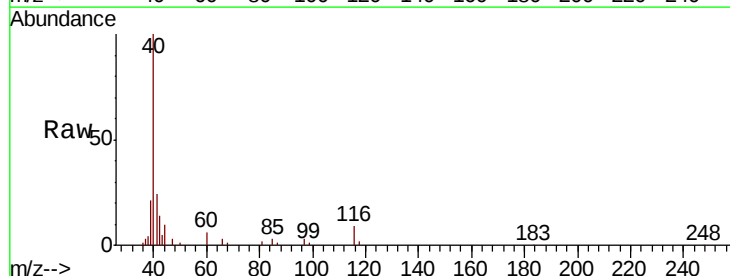
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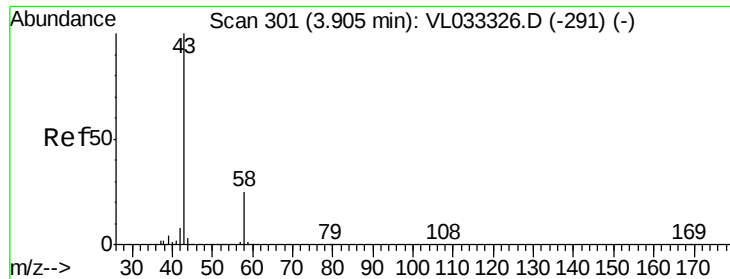


#9

Propene
 Concen: 0.229 ppbv m
 RT: 3.04 min Scan# 31
 Delta R.T. -0.00 min
 Lab File: VL033409.D
 Acq: 21 Mar 2019 3:34

Tgt Ion: 41 Resp: 14137
 Ion Ratio Lower Upper
 41 100
 42 63.5 55.2 82.8





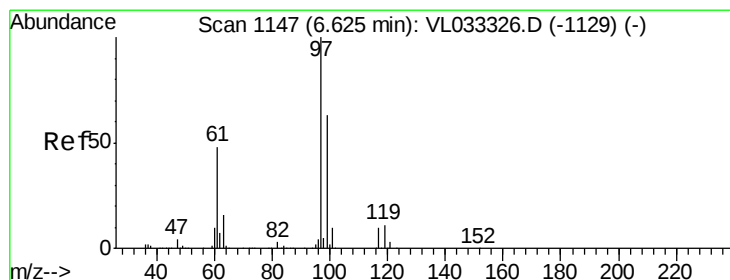
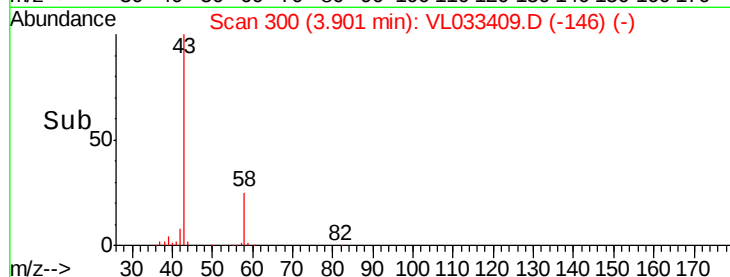
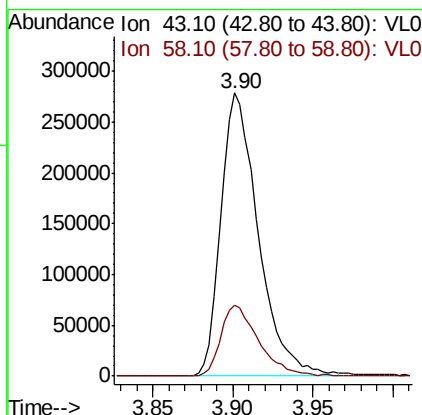
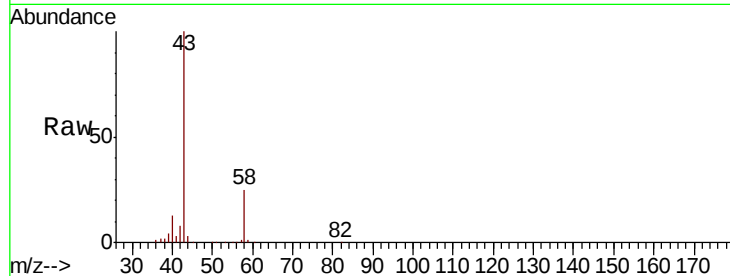
#15
Acetone
Concen: 2.382 ppbv
RT: 3.90 min Scan# 300
Delta R.T. -0.00 min
Lab File: VL033409.D
Acq: 21 Mar 2019 3:34

Instrument :
MSVOA_L
ClientSampleId :
SV2DL

Tot Ion	43.10	Resp	445154
Ion Ratio	Lower	Upper	
43	100		
58	25.8	20.4	30.6

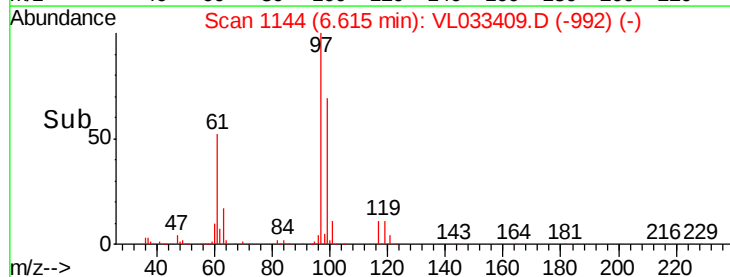
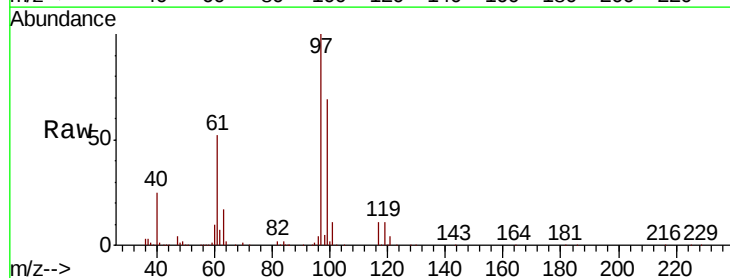
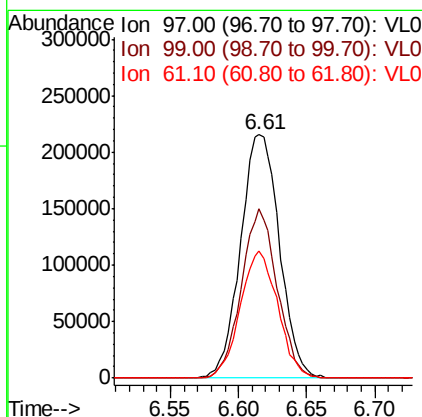
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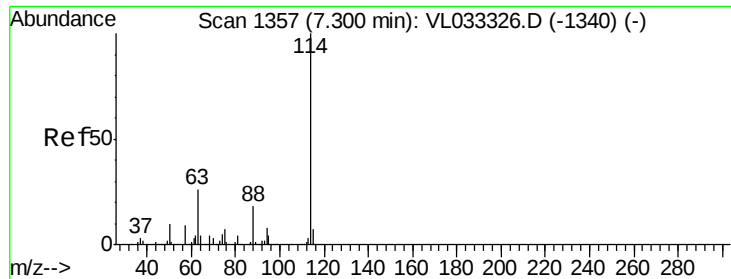
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#32
1,1,1-Trichloroethane
Concen: 2.187 ppbv
RT: 6.61 min Scan# 1144
Delta R.T. -0.01 min
Lab File: VL033409.D
Acq: 21 Mar 2019 3:34

Tgt Ion	97	Resp	427046
Ion Ratio	Lower	Upper	
97	100		
99	64.2	51.0	76.6
61	50.6	39.3	58.9





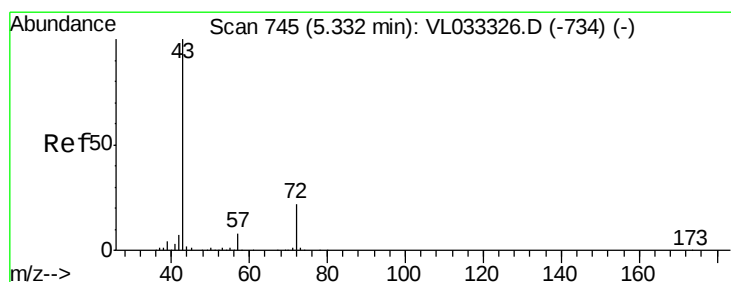
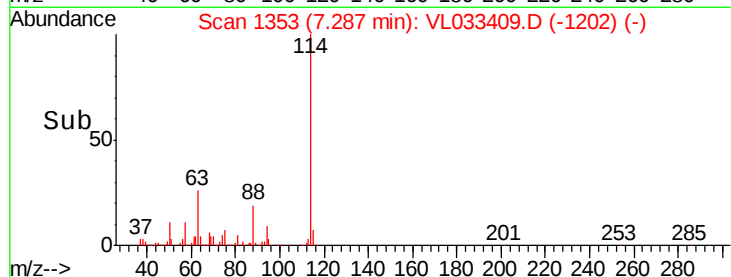
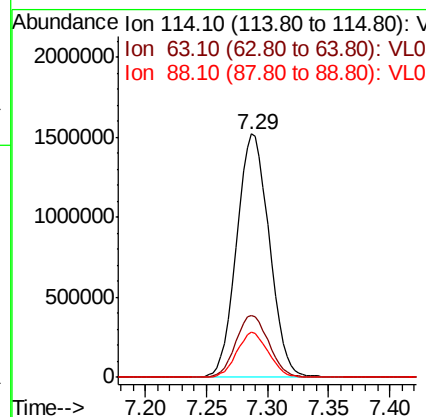
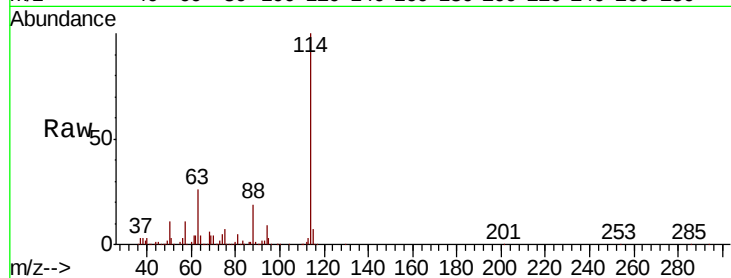
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.29 min Scan# 1353
 Delta R.T. -0.01 min
 Lab File: VL033409.D
 Acq: 21 Mar 2019 3:34

Instrument :
 MSVOA_L
 ClientSampleId :
 SV2DL

Tot Ion	Ratio	Lower	Upper
114	100		
63	25.7	21.4	32.2
88	18.0	14.5	21.7

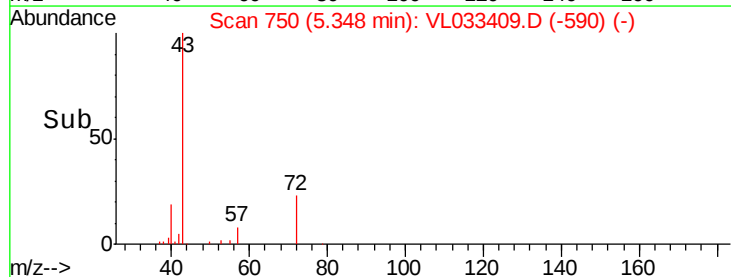
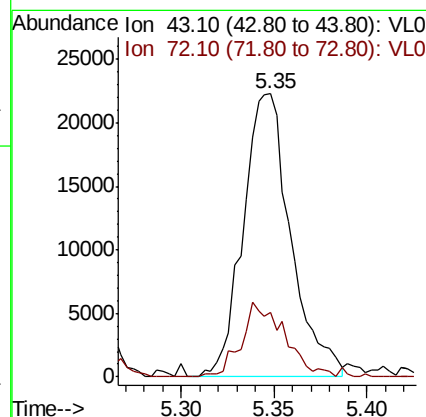
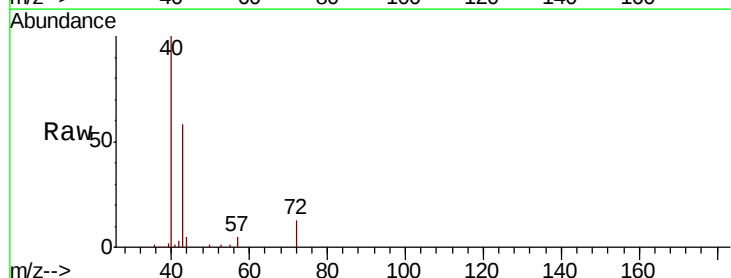
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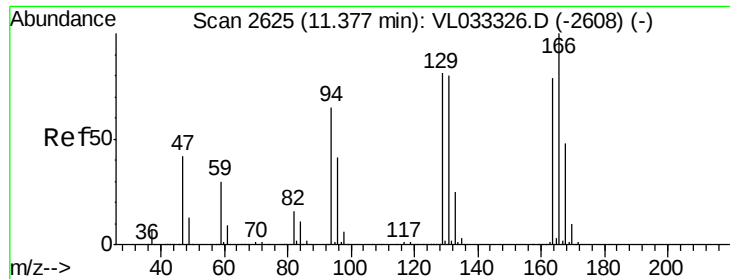
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#34
 2-Butanone
 Concen: 0.213 ppbv
 RT: 5.35 min Scan# 750
 Delta R.T. 0.02 min
 Lab File: VL033409.D
 Acq: 21 Mar 2019 3:34

Tgt Ion	Ratio	Lower	Upper
43	100		
72	24.3	17.7	26.5





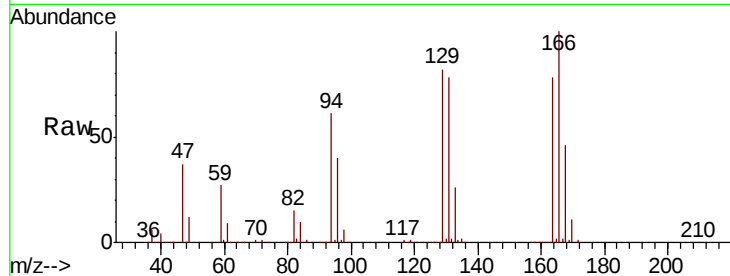
#52
Tetrachloroethene
Concen: 13.615 ppbv
RT: 11.37 min Scan# 2624
Delta R.T. -0.00 min
Lab File: VL033409.D
Acq: 21 Mar 2019 3:34

Instrument :
MSVOA_L
ClientSampleId :
SV2DL

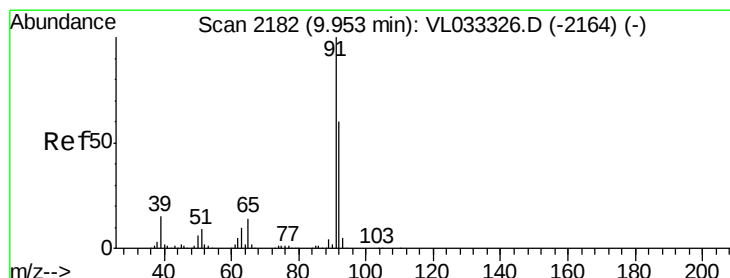
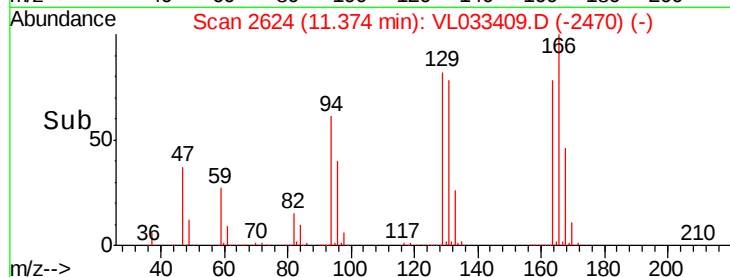
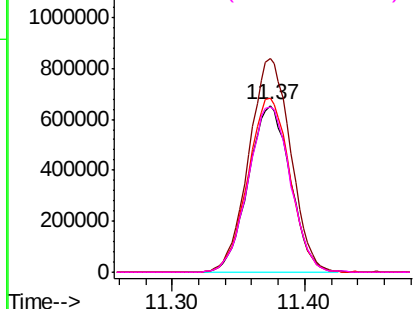
Tot Ion:164 Resp: 1437009
Ion Ratio Lower Upper
164 100
166 128.1 101.5 152.3
129 104.5 82.2 123.2
131 99.3 81.1 121.7

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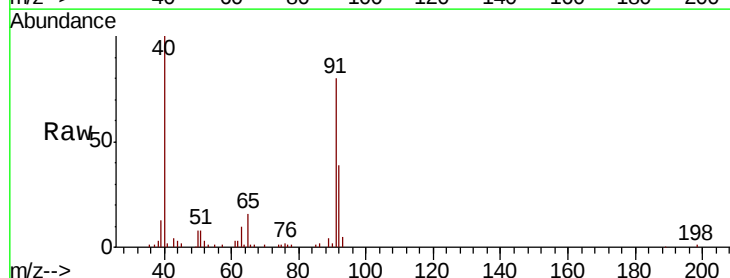


Abundance Ion 163.90 (163.60 to 164.60): V
Ion 165.90 (165.60 to 166.60): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V

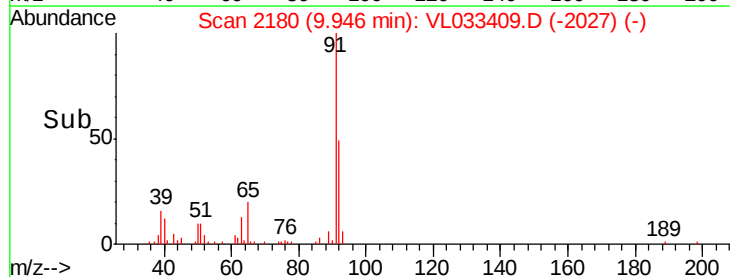
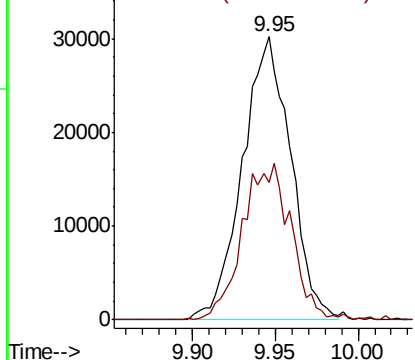


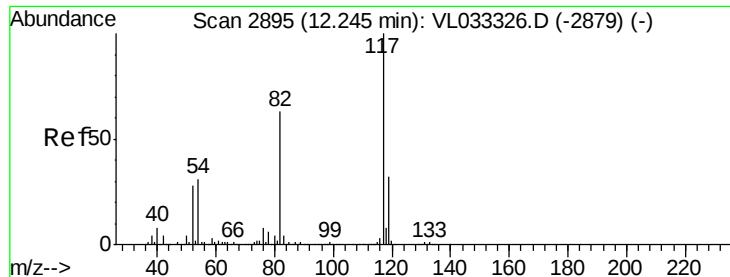
#53
Toluene
Concen: 0.212 ppbv
RT: 9.95 min Scan# 2180
Delta R.T. -0.01 min
Lab File: VL033409.D
Acq: 21 Mar 2019 3:34

Tgt Ion: 91 Resp: 61018
Ion Ratio Lower Upper
91 100
92 55.9 47.4 71.0



Abundance Ion 91.10 (90.80 to 91.80): VL0
Ion 92.10 (91.80 to 92.80): VL0





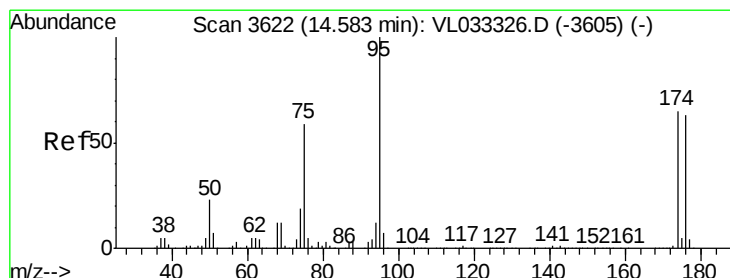
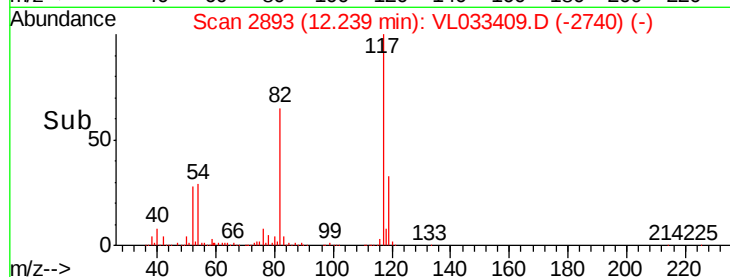
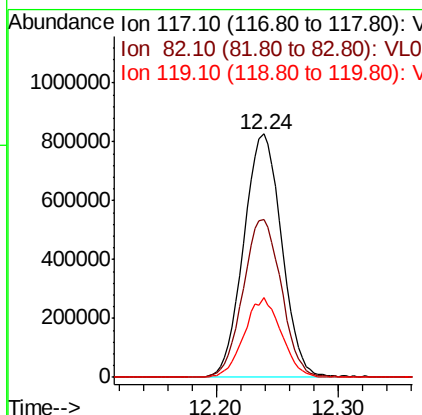
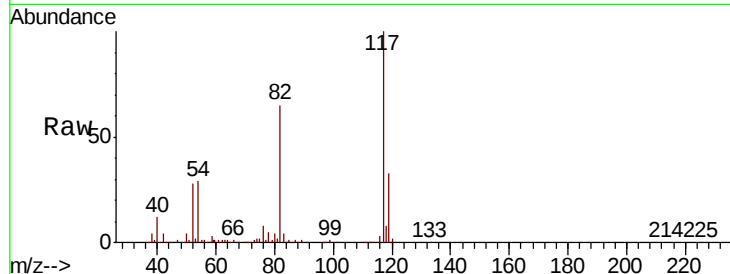
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2893
Delta R.T. -0.01 min
Lab File: VL033409.D
Acq: 21 Mar 2019 3:34

Instrument :
MSVOA_L
ClientSampled :
SV2DL

Tot Ion:117 Resp: 1778443
Ion Ratio Lower Upper
117 100
82 65.6 53.4 80.2
119 32.1 27.3 40.9

Manual Integrations
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#68
1-Bromo-4-Fluorobenzene
Concen: 10.068 ppbv
RT: 14.58 min Scan# 3620
Delta R.T. -0.01 min
Lab File: VL033409.D
Acq: 21 Mar 2019 3:34

Tgt Ion: 95 Resp: 1326815
Ion Ratio Lower Upper
95 100
174 65.8 51.5 77.3
175 4.8 3.8 5.6

