

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL032019\
 Data File : VL033413.D
 Acq On : 21 Mar 2019 6:06
 Operator : SY/AP
 Sample : K1976-03DL 40X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL

Manual Integrations
 APPROVED

MMDadoda
 3/25/2019 8:26:42 AM

Quant Time: Mar 24 16:29:43 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	1147785	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	2562535	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.25	117	1636127	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	1237048	10.20	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.90	43	594293	3.331	ppbv	97
34) 2-Butanone	5.35	43	82887m	0.493	ppbv	
38) Trichloroethene	7.96	130	97371m	1.122	ppbv	
52) Tetrachloroethene	11.39	164	9890930	103.525	ppbv	92

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

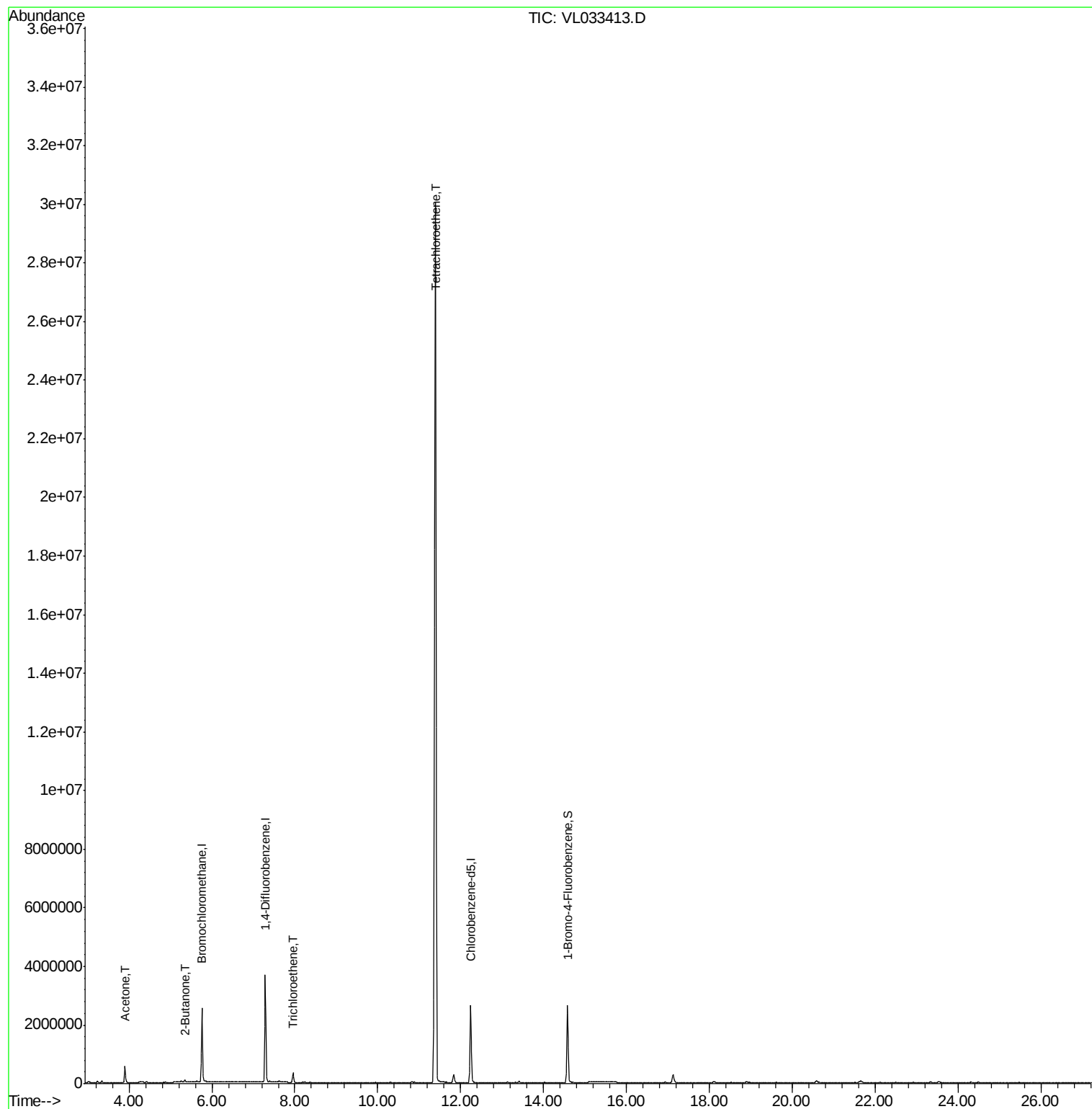
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL032019\
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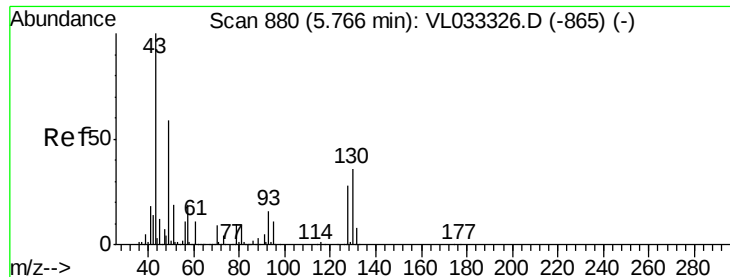
Instrument :
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Quant Time: Mar 24 16:29:43 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL031519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Mar
QLast Update : Fri Mar 15 14:52:14 2019
Response via : Initial Calibration





#1

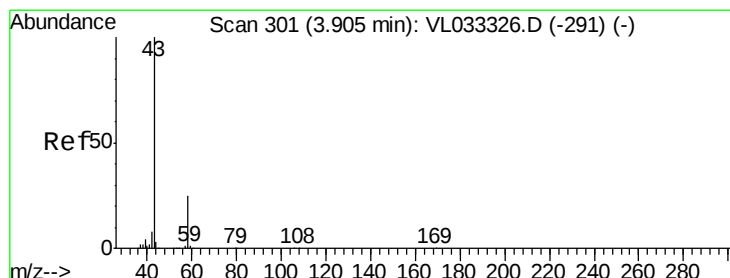
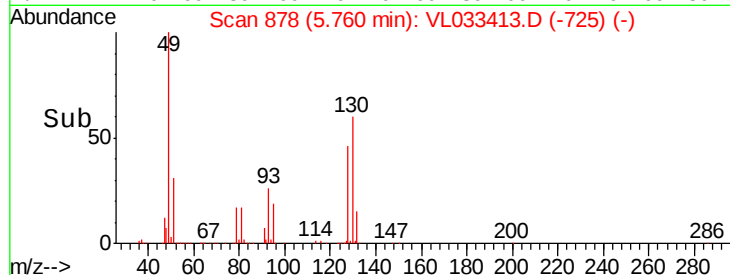
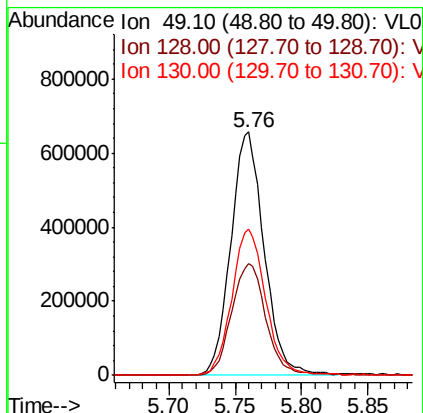
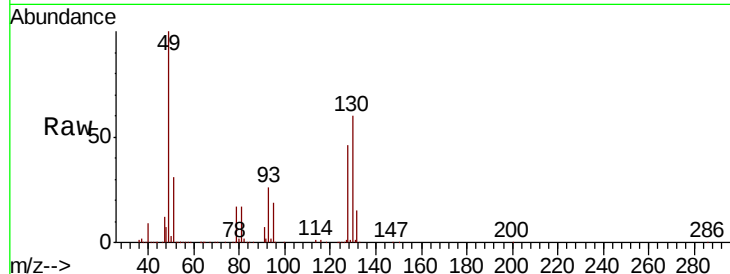
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.76 min Scan# 878
Delta R.T. -0.01 min
Lab File: VL033413.D
Acq: 21 Mar 2019 6:06

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tot Ion: 49 Resp: 1147785
Ion Ratio Lower Upper
49 100
128 47.7 23.5 70.6
130 61.4 30.1 90.3

Manual Integrations
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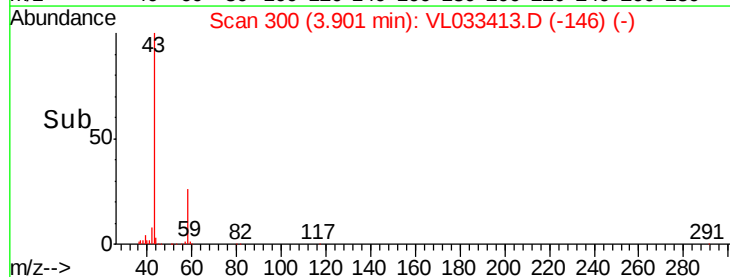
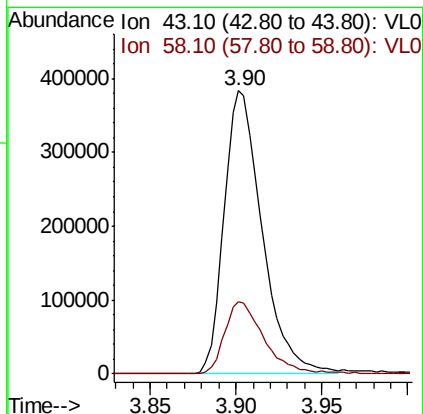
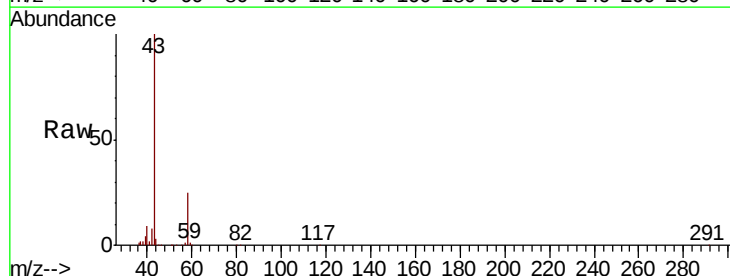
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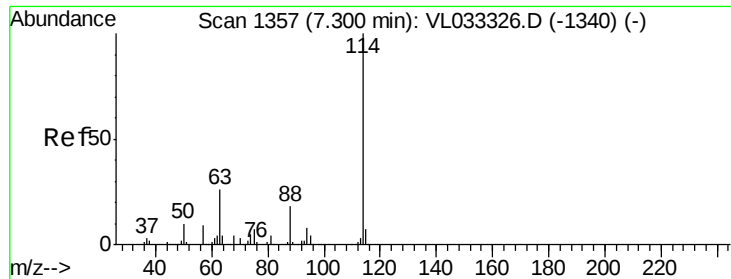


#15

Acetone
Concen: 3.331 ppbv
RT: 3.90 min Scan# 300
Delta R.T. -0.00 min
Lab File: VL033413.D
Acq: 21 Mar 2019 6:06

Tgt Ion: 43 Resp: 594293
Ion Ratio Lower Upper
43 100
58 26.8 20.4 30.6





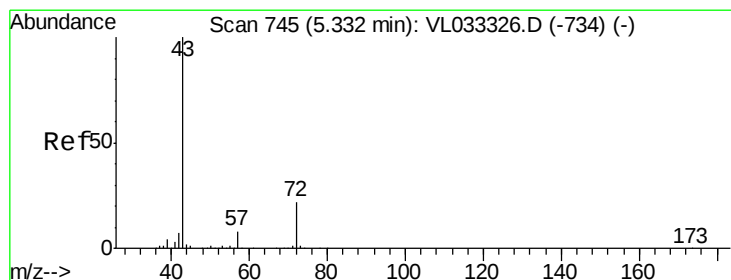
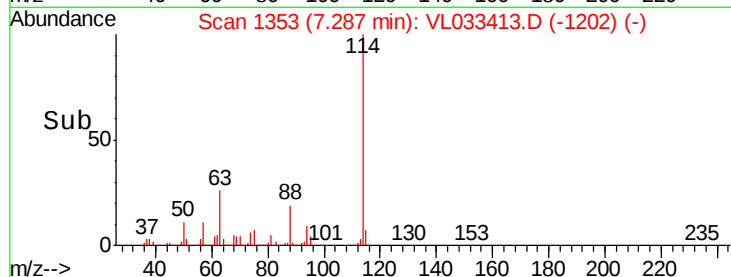
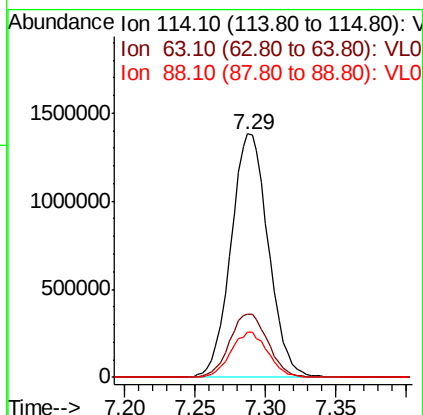
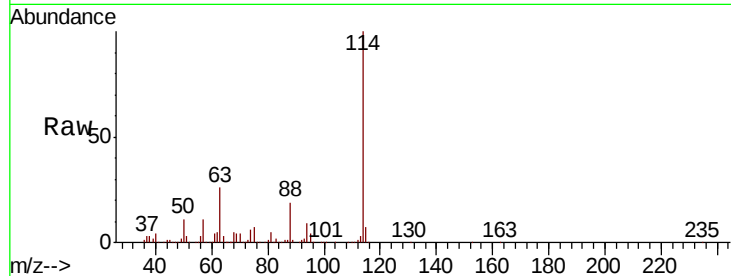
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.29 min Scan# 1353
 Delta R.T. -0.01 min
 Lab File: VL033413.D
 Acq: 21 Mar 2019 6:06

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL

Tot Ion	Ratio	Lower	Upper
114	100		
63	26.8	21.4	32.2
88	18.3	14.5	21.7

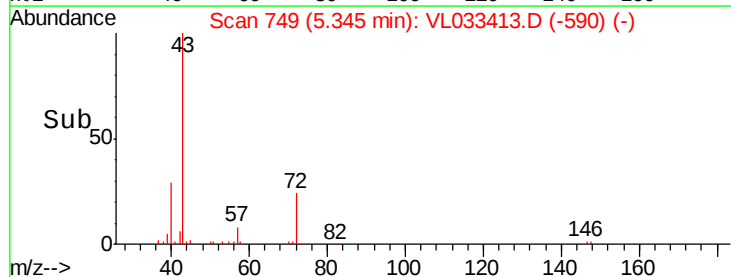
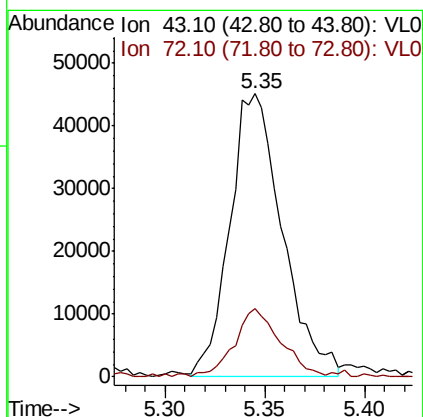
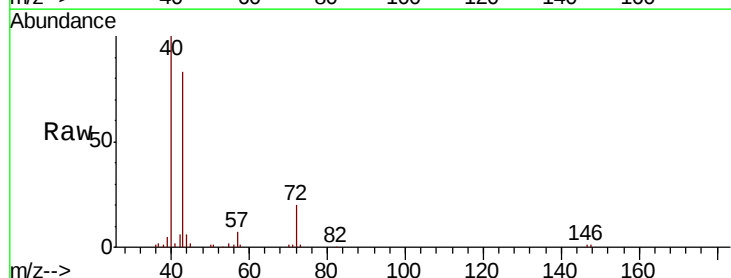
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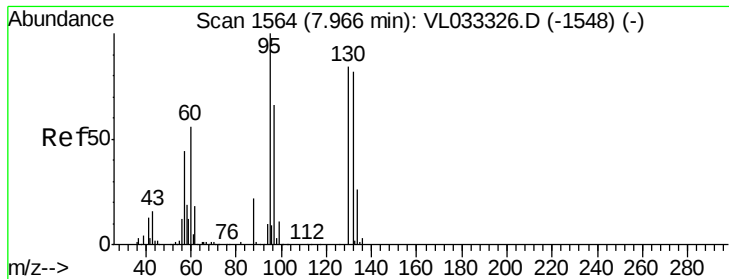
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#34
 2-Butanone
 Concen: 0.493 ppbv m
 RT: 5.35 min Scan# 749
 Delta R.T. 0.01 min
 Lab File: VL033413.D
 Acq: 21 Mar 2019 6:06

Tgt Ion	Ratio	Lower	Upper
43	100		
72	0.0	17.7	26.5#





#38

Trichloroethene

Concen: 1.122 ppbv m

RT: 7.96 min Scan# 1561

Delta R.T. -0.01 min

Lab File: VL033413.D

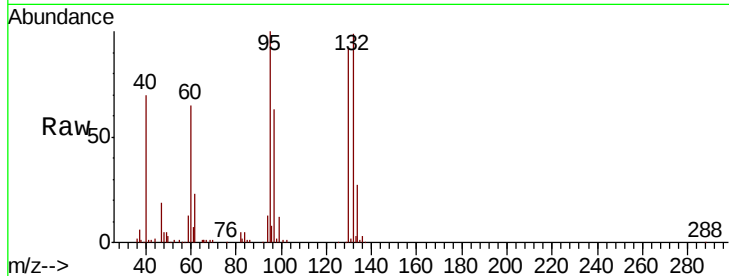
Acq: 21 Mar 2019 6:06

Instrument :

MSVOA_L

ClientSampleId :

SV1DL



Tot Ion:130 Resp: 97371

Ion Ratio Lower Upper

130 100

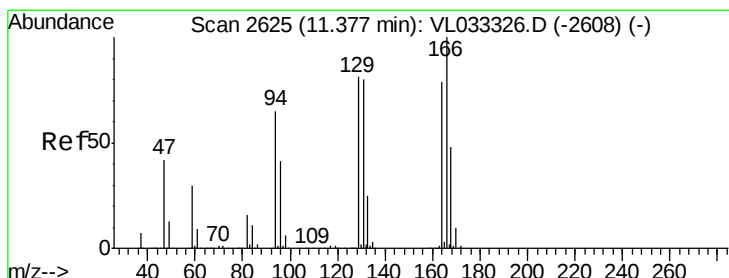
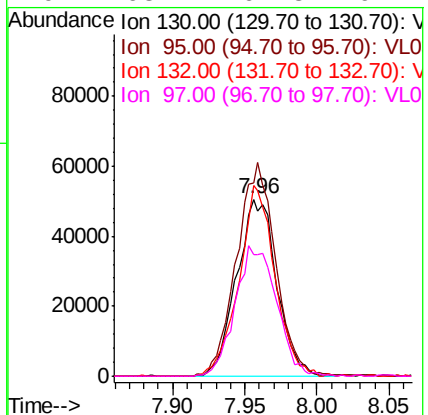
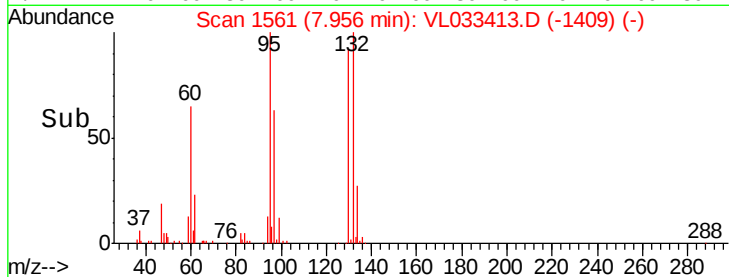
95 109.0 95.2 142.8

132 108.0 77.7 116.5

97 68.4 62.8 94.2

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#52

Tetrachloroethene

Concen: 103.525 ppbv

RT: 11.39 min Scan# 2630

Delta R.T. 0.02 min

Lab File: VL033413.D

Acq: 21 Mar 2019 6:06

Tgt Ion:164 Resp: 9890930

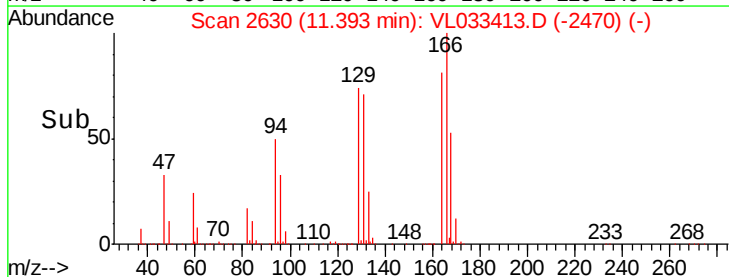
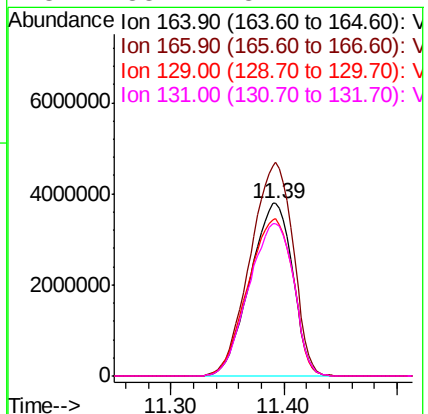
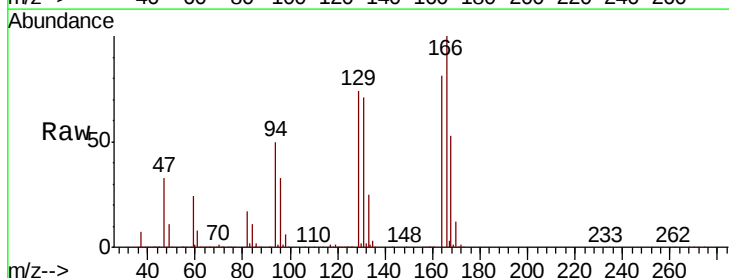
Ion Ratio Lower Upper

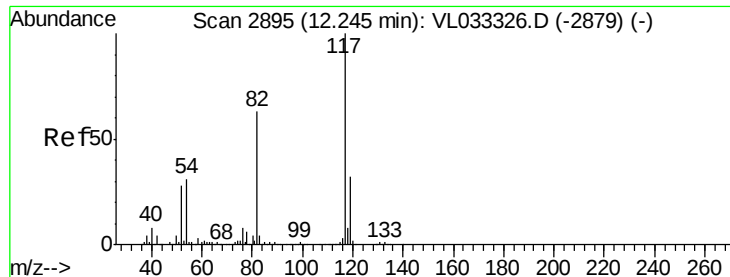
164 100

166 123.7 101.5 152.3

129 91.5 82.2 123.2

131 88.4 81.1 121.7





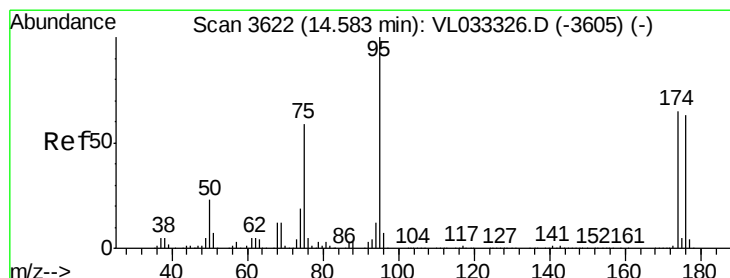
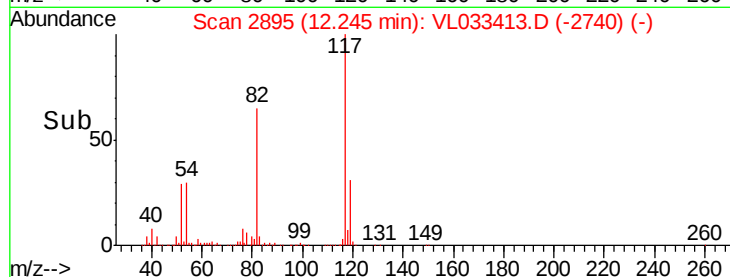
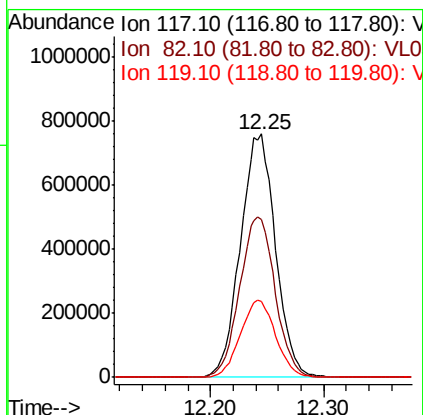
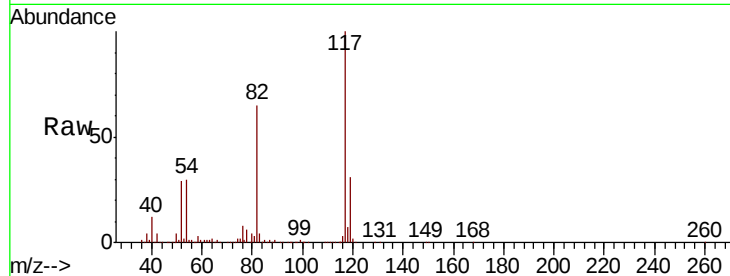
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.25 min Scan# 2895
Delta R.T. -0.00 min
Lab File: VL033413.D
Acq: 21 Mar 2019 6:06

Instrument :
MSVOA_L
ClientSampled :
SV1DL

Tot Ion:117 Resp: 1636127
Ion Ratio Lower Upper
117 100
82 67.0 53.4 80.2
119 32.0 27.3 40.9

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.204 ppbv
RT: 14.58 min Scan# 3620
Delta R.T. -0.01 min
Lab File: VL033413.D
Acq: 21 Mar 2019 6:06

Tgt Ion: 95 Resp: 1237048
Ion Ratio Lower Upper
95 100
174 66.1 51.5 77.3
175 4.6 3.8 5.6

