

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL031620\
 Data File : VL034889.D
 Acq On : 16 Mar 2020 14:00
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Manual Integrations
 APPROVED

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 3/17/2020 12:15:45 PM

Quant Time: Mar 17 04:52:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL030920AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Mar 0
 QLast Update : Mon Mar 09 16:42:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	960692	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2072022	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	2008107	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	1658063	10.59	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl Chloride	3.21	62	3544m	0.061	ppbv	
35) Carbon Tetrachloride	7.01	117	8076m	0.063	ppbv	
38) Trichloroethene	7.83	130	4557m	0.065	ppbv	

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

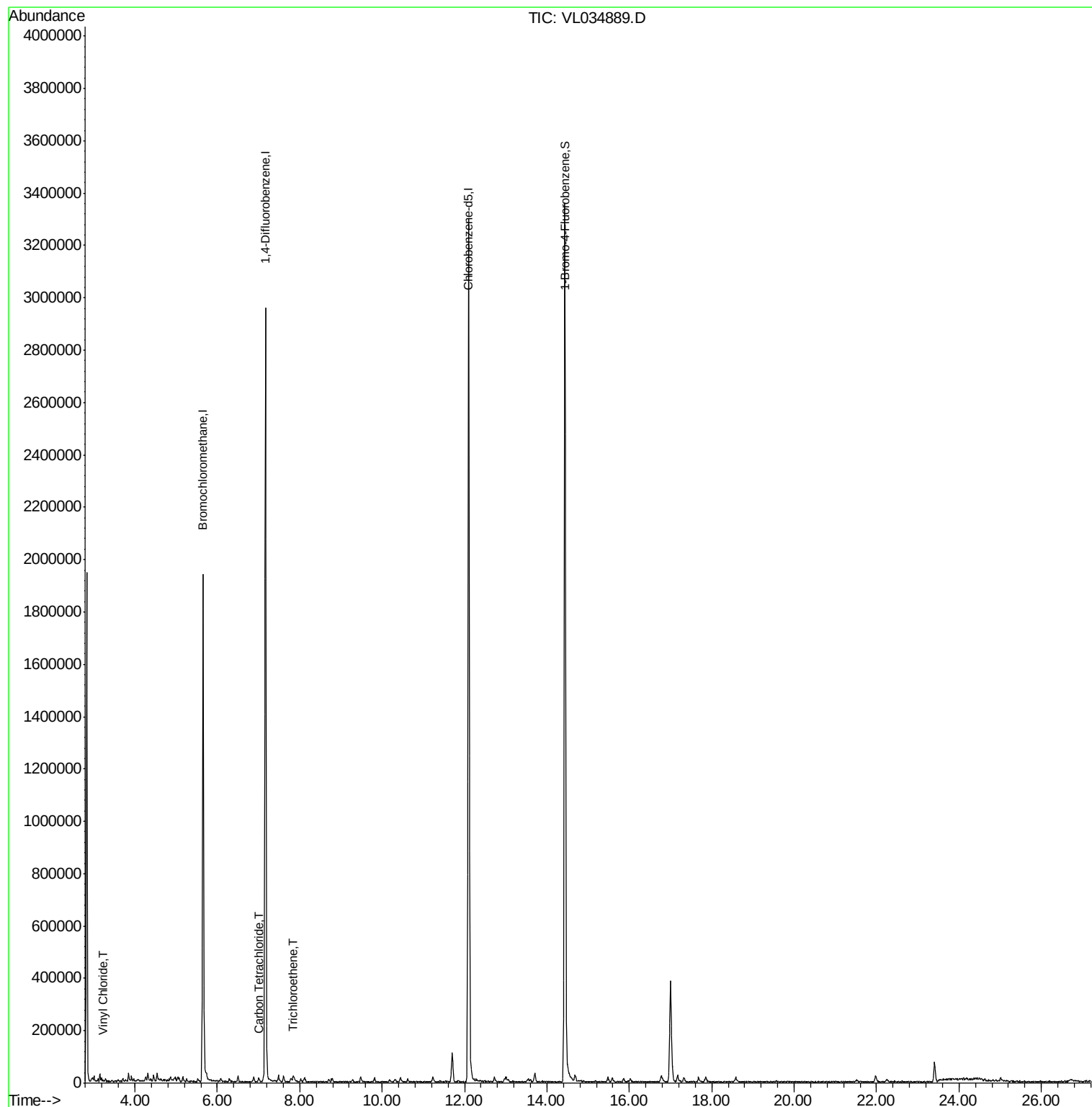
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL031620\
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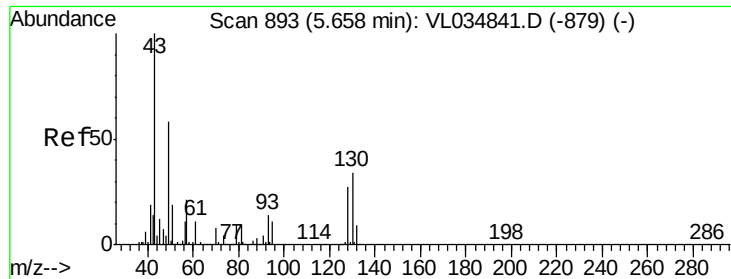
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

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Quant Time: Mar 17 04:52:22 2020
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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Mar
QLast Update : Mon Mar 09 16:42:53 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 891

Delta R.T. -0.01 min

Lab File: VL034889.D

Acq: 16 Mar 2020 14:00

Instrument :

MSVOA_L

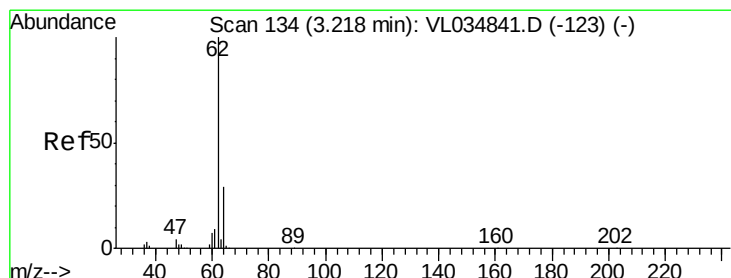
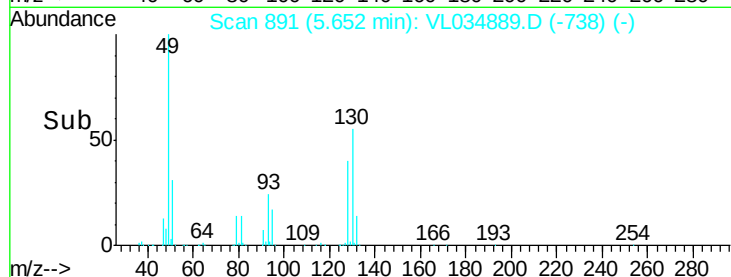
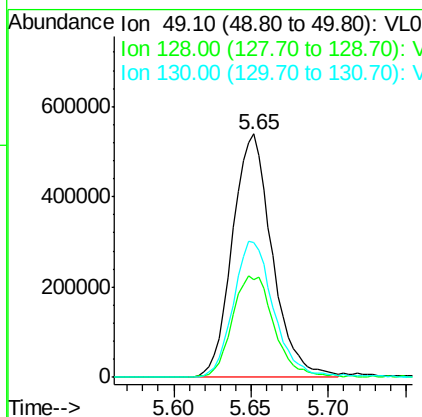
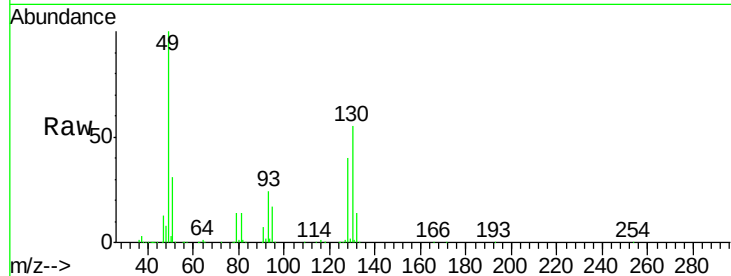
ClientSampled :

VIBLK

Tot Ion:	49	Resp:	960692
Ion	Ratio	Lower	Upper
49	100		
128	44.2	23.4	70.3
130	57.2	30.0	90.0

Manual Integrations
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#5

Vinyl Chloride

Concen: 0.061 ppbv m

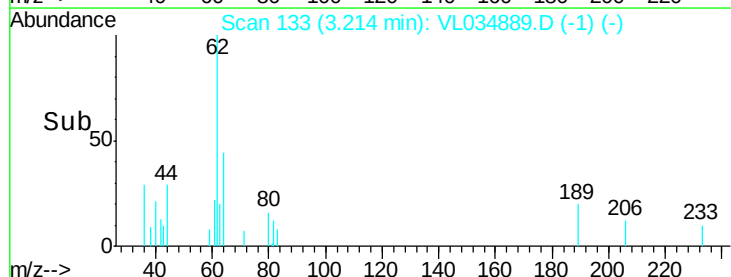
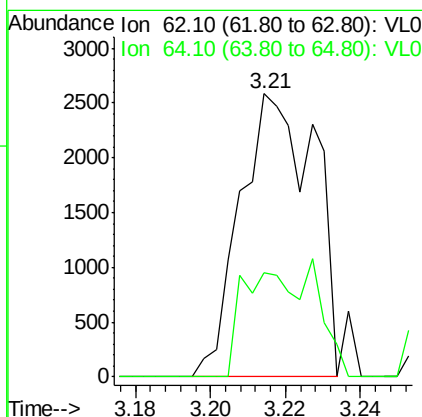
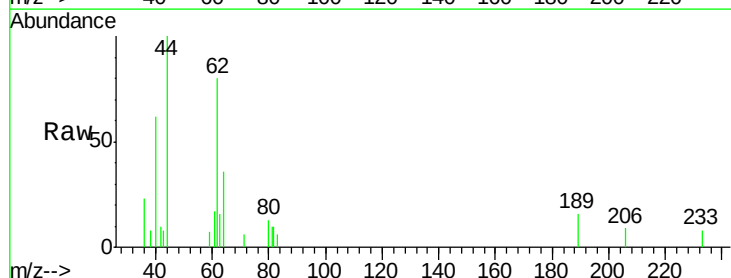
RT: 3.21 min Scan# 133

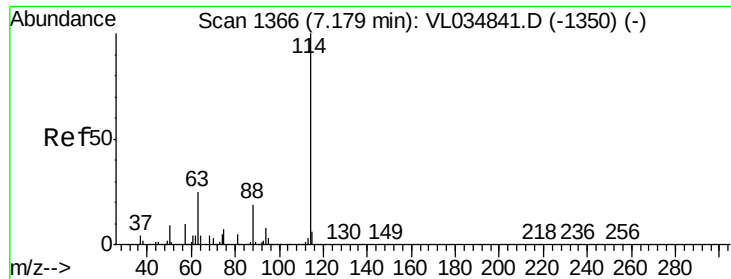
Delta R.T. -0.00 min

Lab File: VL034889.D

Acq: 16 Mar 2020 14:00

Tgt Ion:	62	Resp:	3544
Ion	Ratio	Lower	Upper
62	100		
64	44.2	23.0	34.4#





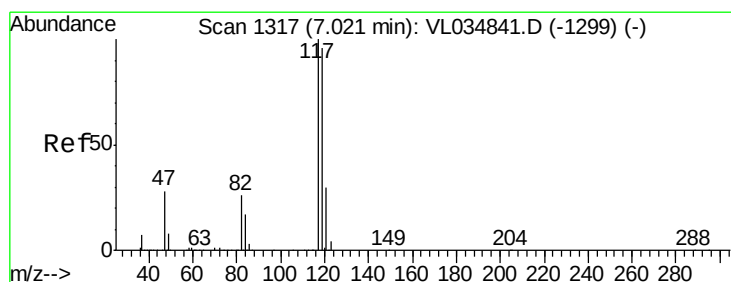
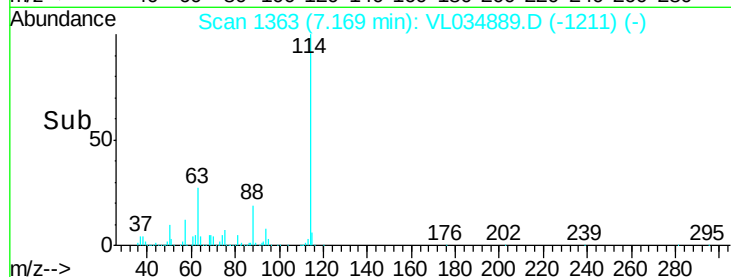
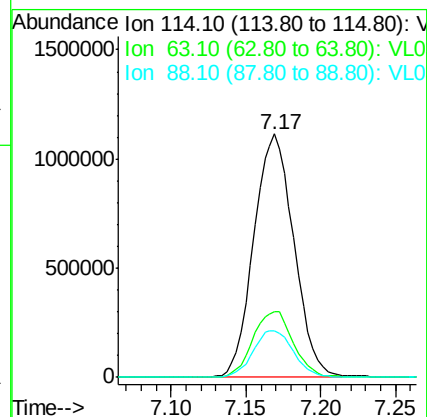
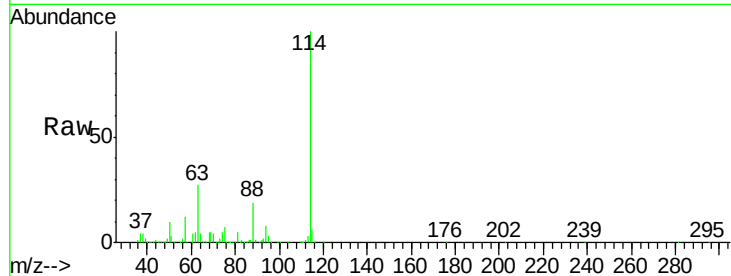
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1363
 Delta R.T. -0.01 min
 Lab File: VL034889.D
 Acq: 16 Mar 2020 14:00

Instrument :
 MSVOA_L
 ClientSampled :
 VIBLK

Tot Ion	Ratio	Lower	Upper
114	100		
63	27.6	20.6	31.0
88	19.4	15.0	22.6

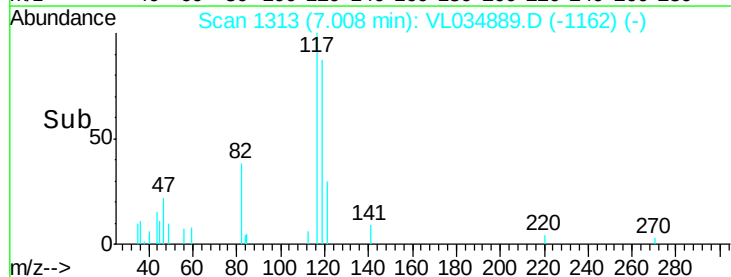
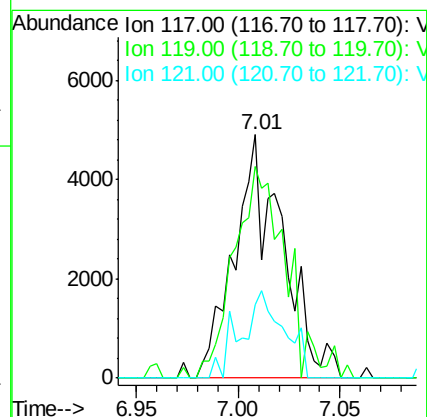
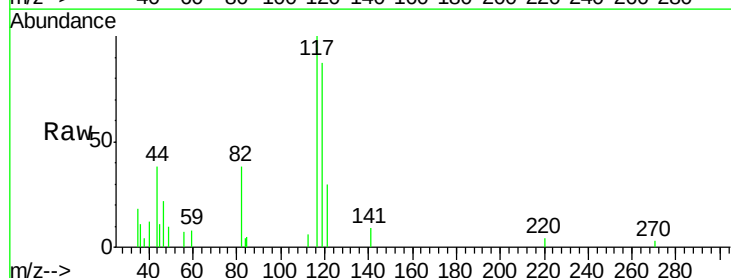
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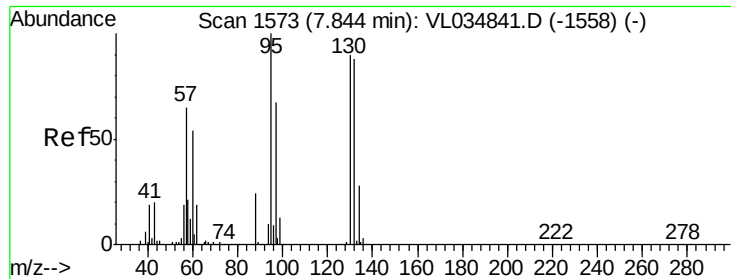
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#35
 Carbon Tetrachloride
 Concen: 0.063 ppbv m
 RT: 7.01 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: VL034889.D
 Acq: 16 Mar 2020 14:00

Tgt Ion	Ratio	Lower	Upper
117	100		
119	86.7	77.0	115.4
121	30.2	24.0	36.0





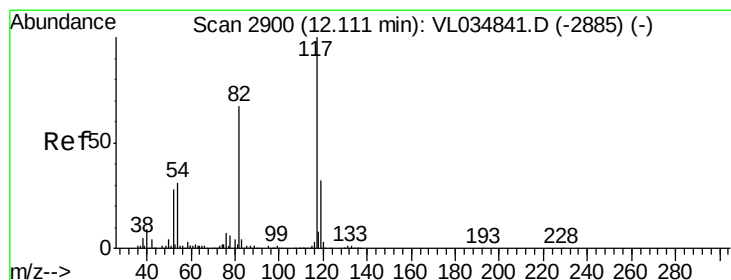
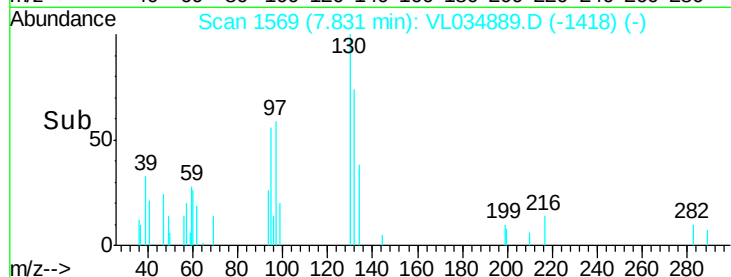
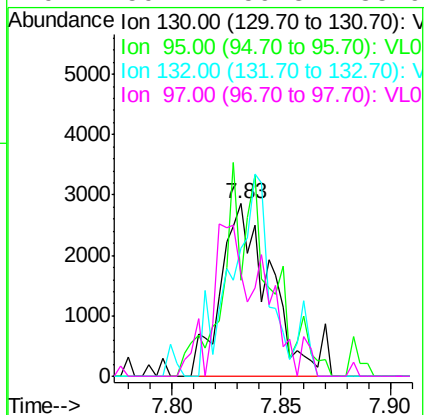
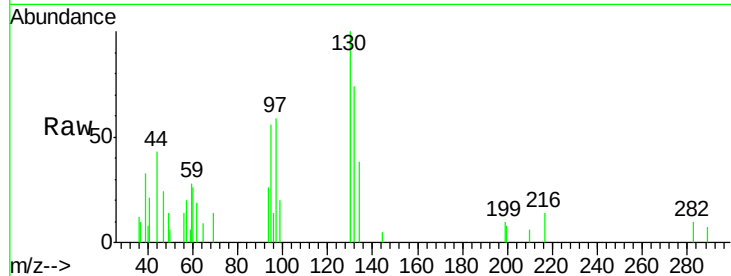
#38
 Trichloroethene
 Concen: 0.065 ppbv m
 RT: 7.83 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: VL034889.D
 Acq: 16 Mar 2020 14:00

Instrument :
 MSVOA_L
 ClientSampled :
 VIBLK

Tot Ion	Ratio	Lower	Upper
130	100		
95	55.9	88.5	132.7#
132	74.0	78.0	117.0#
97	59.1	59.3	88.9#

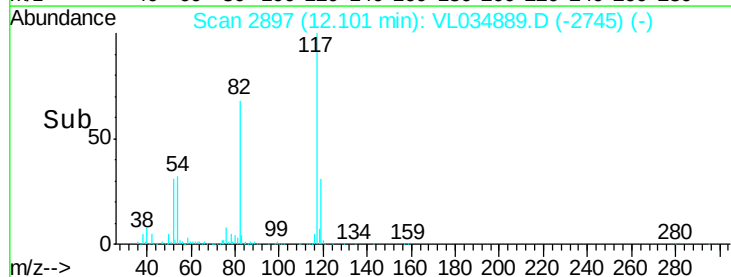
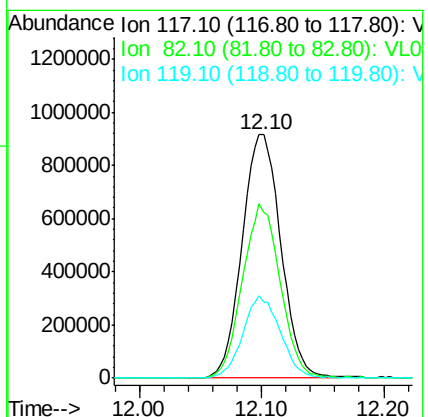
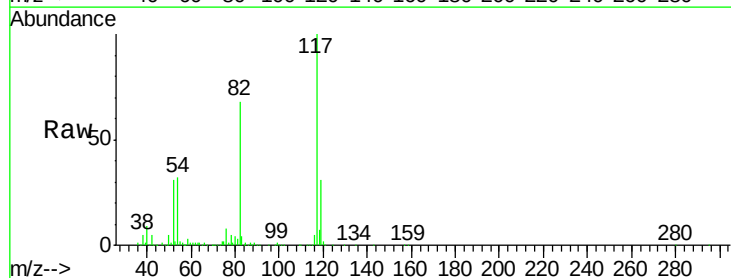
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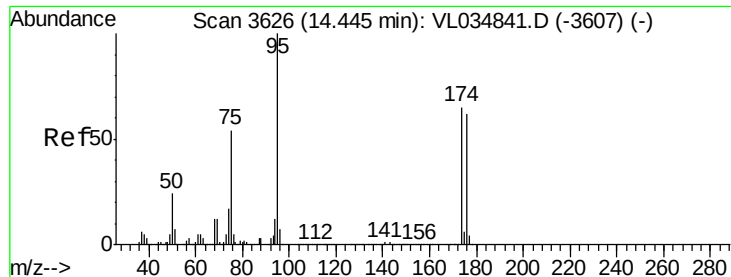
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#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.10 min Scan# 2897
 Delta R.T. -0.01 min
 Lab File: VL034889.D
 Acq: 16 Mar 2020 14:00

Tgt Ion	Ratio	Lower	Upper
117	100		
82	69.9	51.1	76.7
119	32.9	27.3	40.9





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.587 ppbv
 RT: 14.44 min Scan# 3623
 Delta R.T. -0.01 min
 Lab File: VL034889.D
 Acq: 16 Mar 2020 14:00

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Tot Ion: 95 Resp: 1658063
 Ion Ratio Lower Upper
 95 100
 174 65.1 55.2 82.8
 175 4.8 4.3 6.5

Manual Integrations
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