

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL091219\
 Data File : VL034163.D
 Acq On : 12 Sep 2019 19:05
 Operator : SY/AP
 Sample : K4775-03DL2 200X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV3DL2

Manual Integrations
 APPROVED

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 9/14/2019 12:09:49 AM

Quant Time: Sep 13 10:27:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL090519AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Sep 0
 QLast Update : Thu Sep 05 10:21:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.70	49	1270658	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.22	114	2101171	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.16	117	2109692	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.50	95	1830102	10.61	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.10%

Target Compounds					Ovalue
9) Propene	3.00	41	35853m	0.452	ppbv
15) Acetone	3.85	43	1057664	6.907	ppbv 100
52) Tetrachloroethene	11.30	164	86651m	1.023	ppbv

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

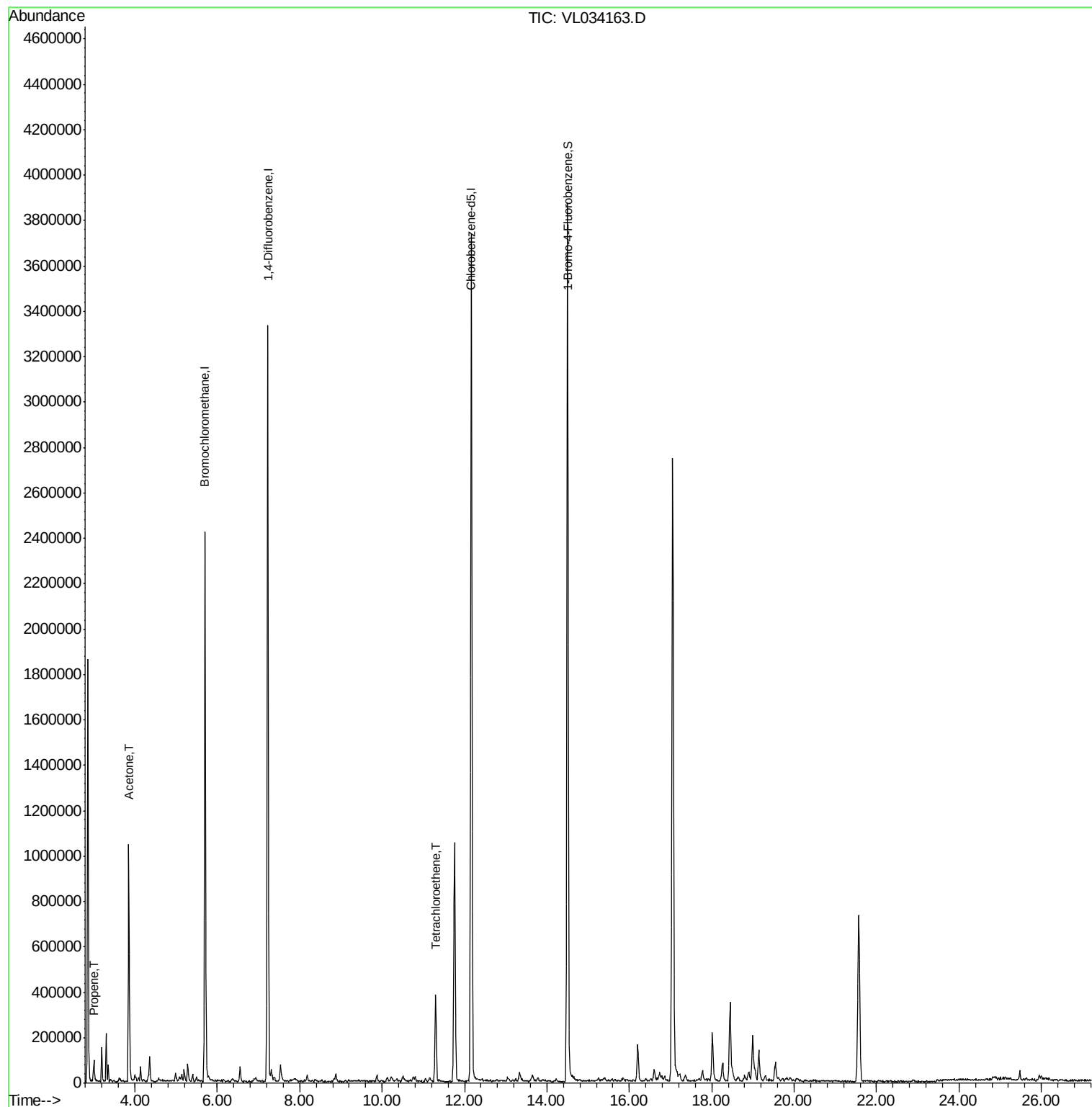
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL091219\
Data File : VL034163.D
Acq On : 12 Sep 2019 19:05
Operator : SY/AP
Sample : K4775-03DL2 200X
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

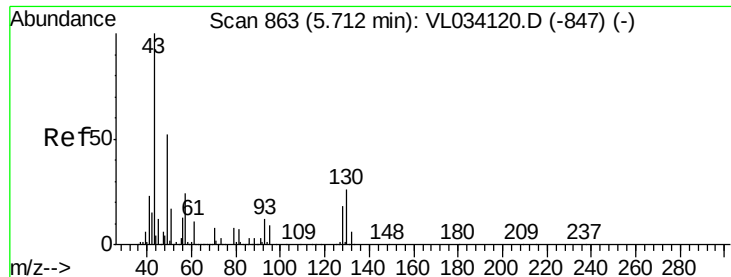
Instrument :
MSVOA_L
ClientSampleId :
SV3DL2

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Response via : Initial Calibration





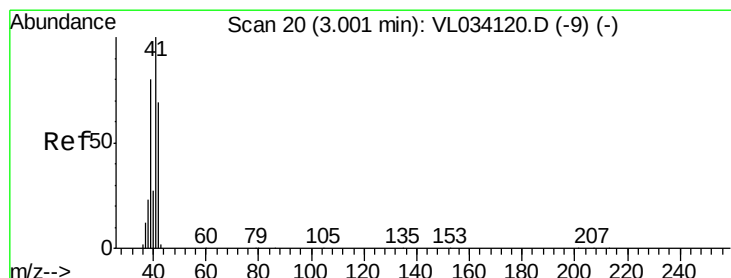
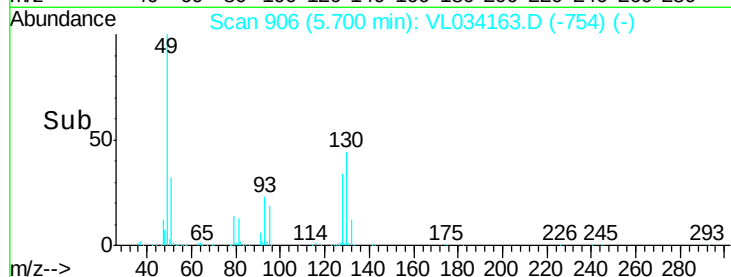
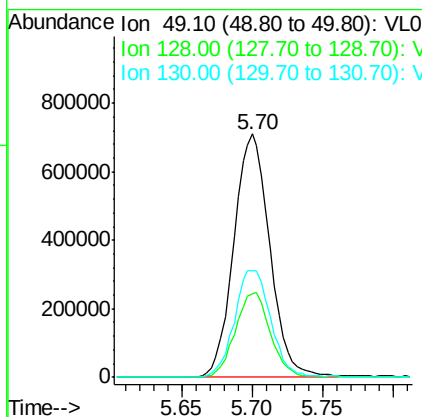
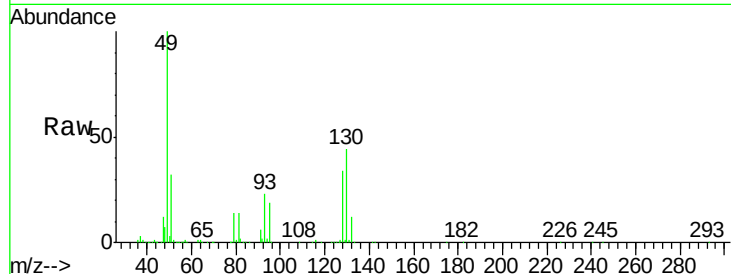
#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.70 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: VL034163.D
 Acq: 12 Sep 2019 19:05

Instrument :
 MSVOA_L
 ClientSampleId :
 SV3DL2

Tot Ion: 49 Resp: 1270658
 Ion Ratio Lower Upper
 49 100
 128 34.8 18.4 55.0
 130 45.1 23.5 70.6

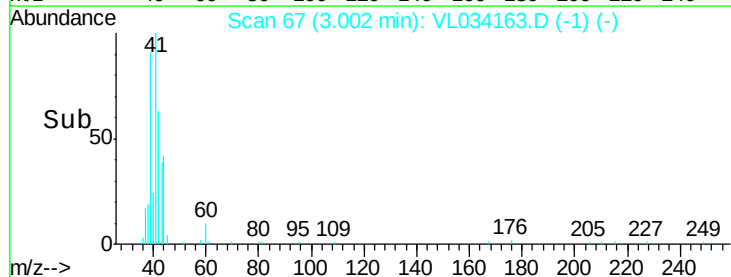
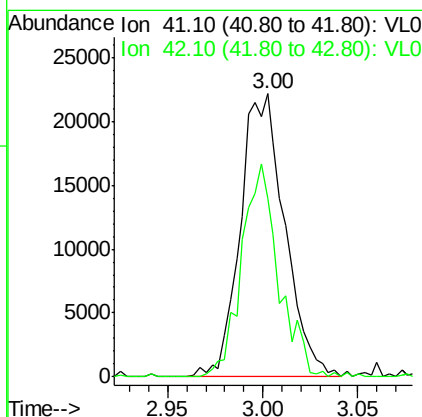
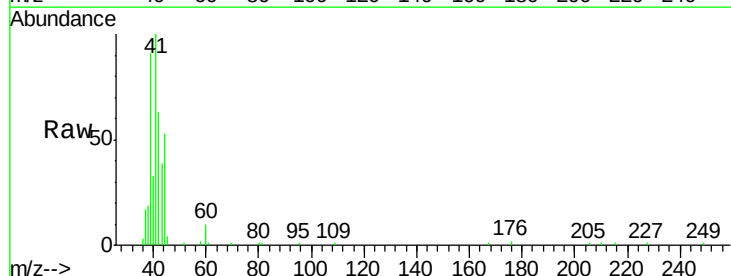
Manual Integrations
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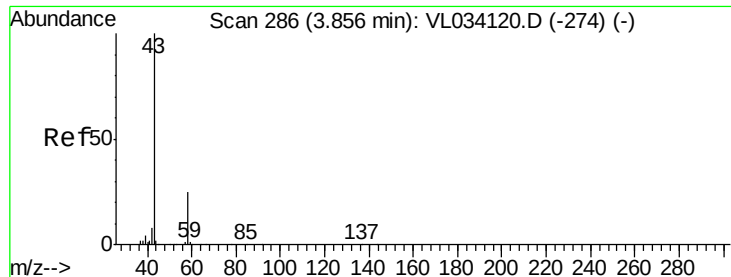
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#9
 Propene
 Concen: 0.452 ppbv m
 RT: 3.00 min Scan# 67
 Delta R.T. 0.00 min
 Lab File: VL034163.D
 Acq: 12 Sep 2019 19:05

Tgt Ion: 41 Resp: 35853
 Ion Ratio Lower Upper
 41 100
 42 19.1 54.6 81.8#





#15

Acetone

Concen: 6.907 ppbv

RT: 3.85 min Scan# 331

Delta R.T. -0.01 min

Lab File: VL034163.D

Acq: 12 Sep 2019 19:05

Instrument :

MSVOA_L

ClientSampleId :

SV3DL2

Tot Ion: 43 Resp: 1057664

Ion Ratio Lower Upper

43 100

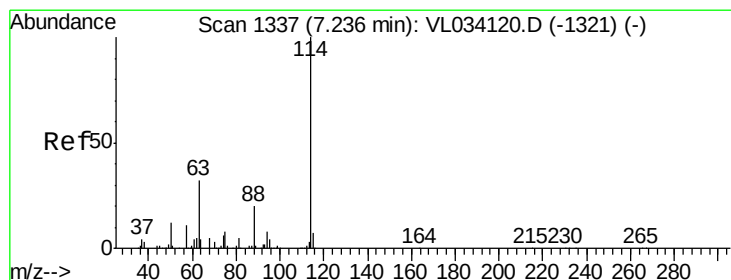
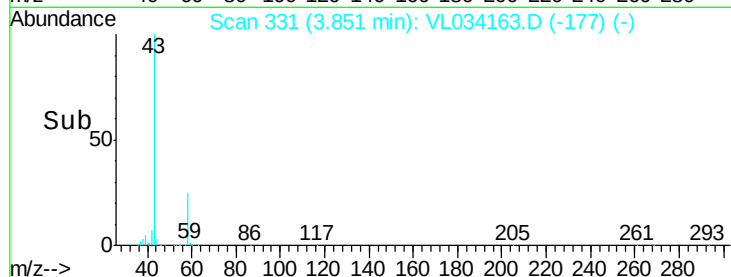
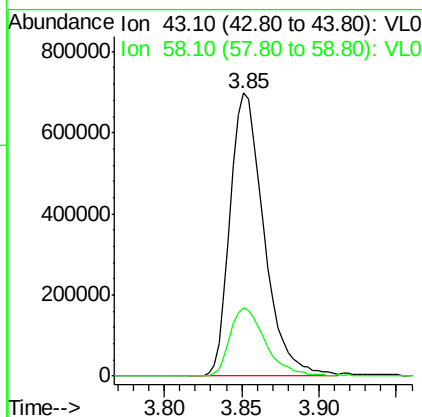
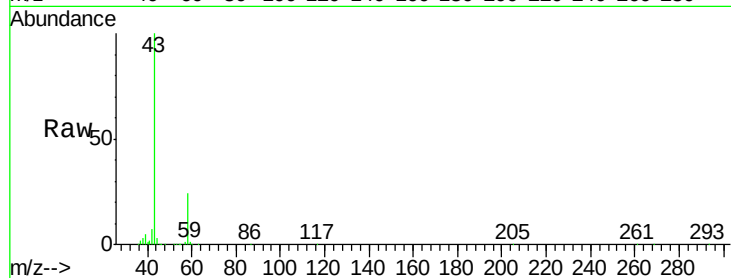
58 25.6 20.6 30.8

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#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.22 min Scan# 1380

Delta R.T. -0.01 min

Lab File: VL034163.D

Acq: 12 Sep 2019 19:05

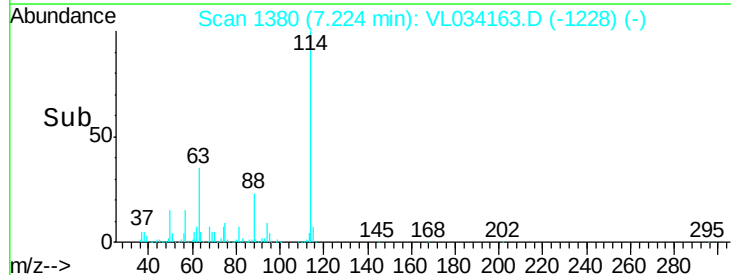
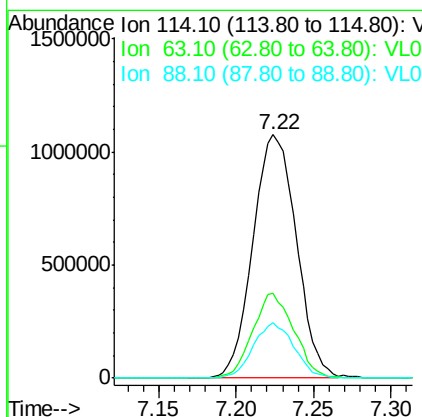
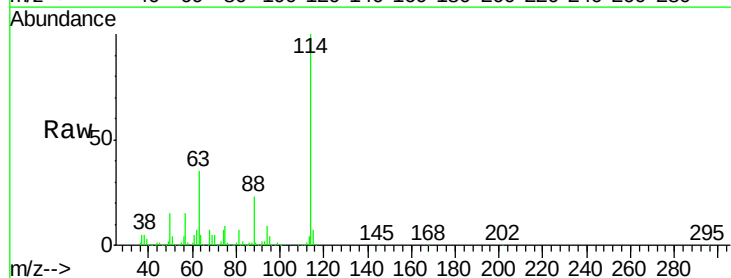
Tgt Ion: 114 Resp: 2101171

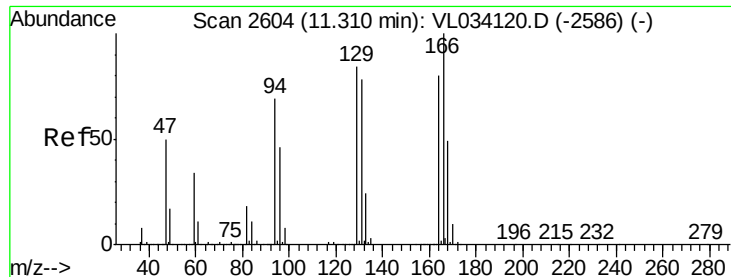
Ion Ratio Lower Upper

114 100

63 33.3 25.5 38.3

88 21.5 16.8 25.2





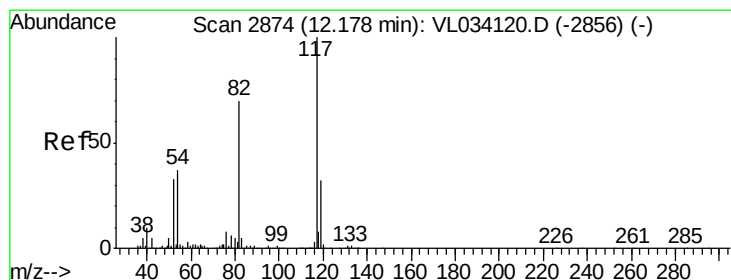
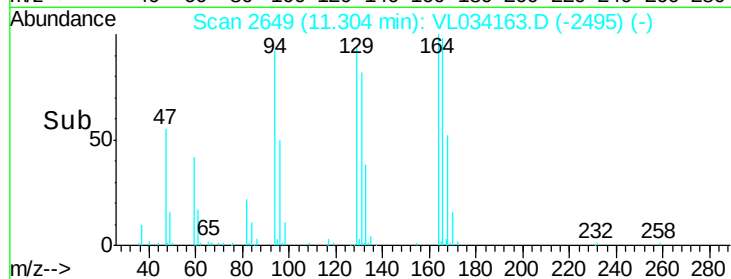
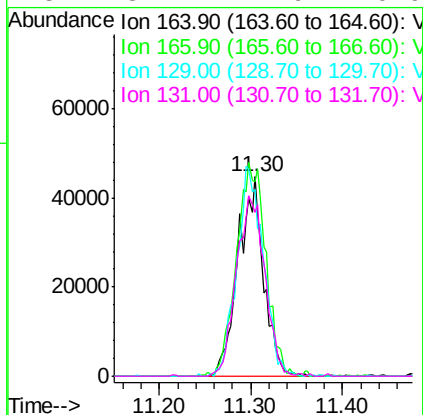
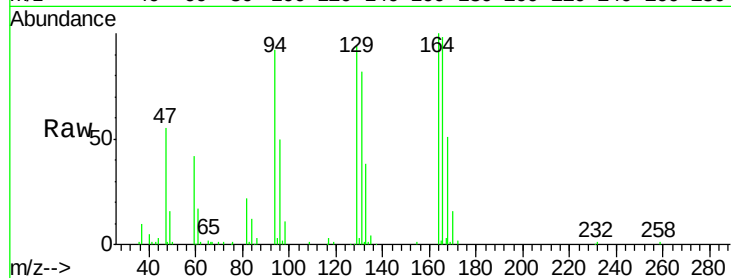
#52
Tetrachloroethene
Concen: 1.023 ppbv m
RT: 11.30 min Scan# 2649
Delta R.T. -0.01 min
Lab File: VL034163.D
Acq: 12 Sep 2019 19:05

Instrument :
MSVOA_L
ClientSampled :
SV3DL2

Tot Ion	Ratio	Lower	Upper
164	100		
166	97.5	99.5	149.3#
129	93.6	83.6	125.4
131	82.1	77.9	116.9

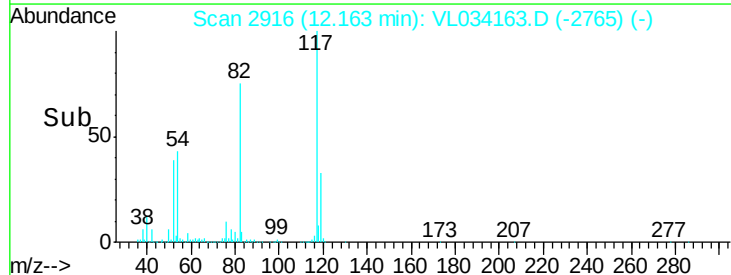
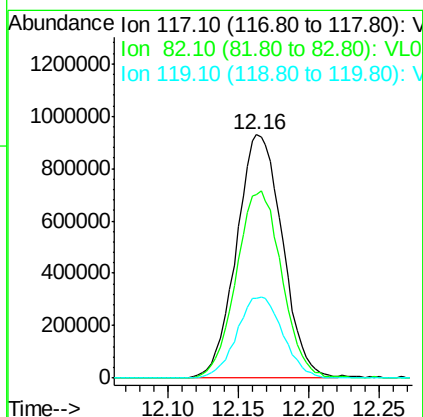
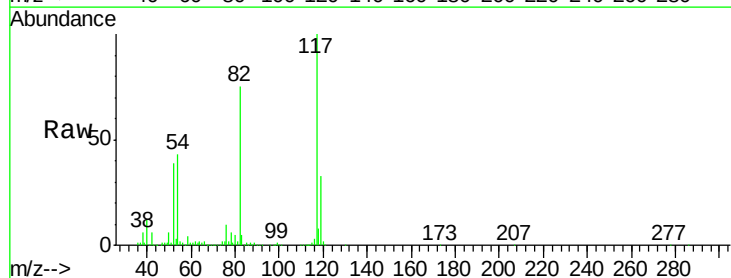
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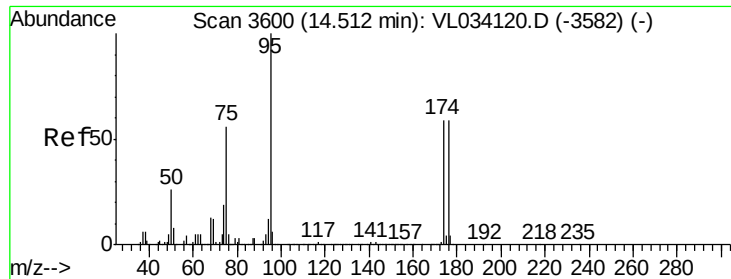
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#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.16 min Scan# 2916
Delta R.T. -0.01 min
Lab File: VL034163.D
Acq: 12 Sep 2019 19:05

Tgt Ion	Ratio	Lower	Upper
117	100		
82	77.2	55.8	83.6
119	33.6	43.1	64.7#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.611 ppbv
 RT: 14.50 min Scan# 3643
 Delta R.T. -0.01 min
 Lab File: VL034163.D
 Acq: 12 Sep 2019 19:05

Instrument :
 MSVOA_L
 ClientSampleId :
 SV3DL2

Tot Ion	Ratio	Lower	Upper
95	100		
174	57.9	48.1	72.1
175	3.8	3.5	5.3

Manual Integrations
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