

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL102519\
 Data File : VL034366.D
 Acq On : 25 Oct 2019 16:21
 Operator : SY/AP
 Sample : K5477-01DL2 1200X
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV5DL

Quant Time: Oct 25 23:28:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL101619AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Oct 17 05:12:37 2019
 QLast Update : Thu Oct 17 05:12:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	858336	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.20	114	1682553	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.15	117	1669430	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.48	95	1414473	10.00	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.00%

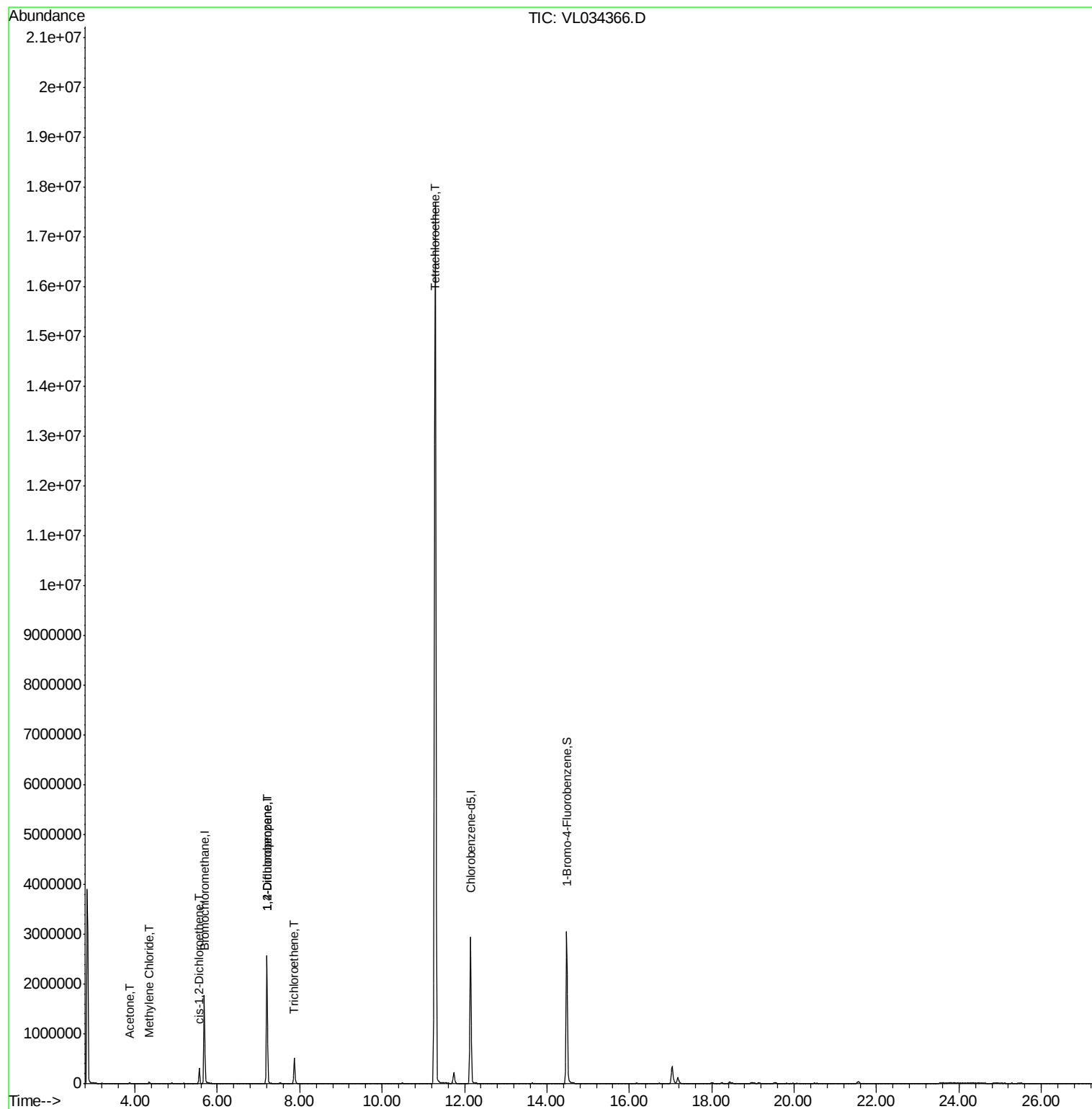
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Acetone	3.86	43	5738	0.047	ppbv #	50
20) Methylene Chloride	4.34	84	6874	0.155	ppbv #	82
31) cis-1,2-Dichloroethene	5.56	61	174803	1.950	ppbv	93
38) Trichloroethene	7.87	130	144600	2.232	ppbv	95
39) 1,2-Dichloropropane	7.20	63	498836	7.176	ppbv #	22
52) Tetrachloroethene	11.29	164	5277667	83.403	ppbv	94

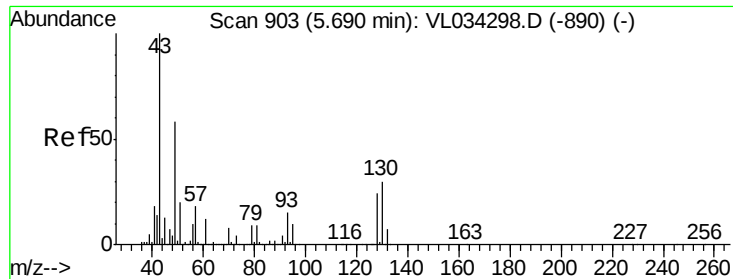
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 min Scan# 901

Delta R.T. -0.01 min

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SV5DL

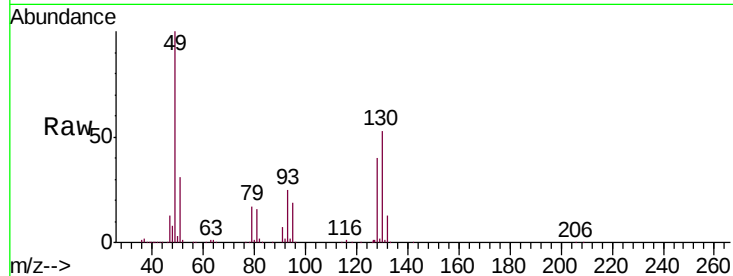
Tgt Ion: 49 Resp: 858336

Ion Ratio Lower Upper

49 100

128 42.8 20.6 61.8

130 54.4 26.2 78.5



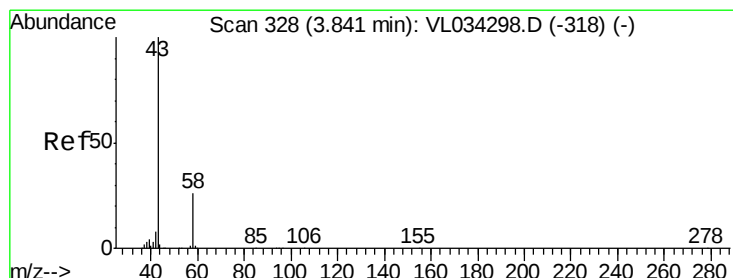
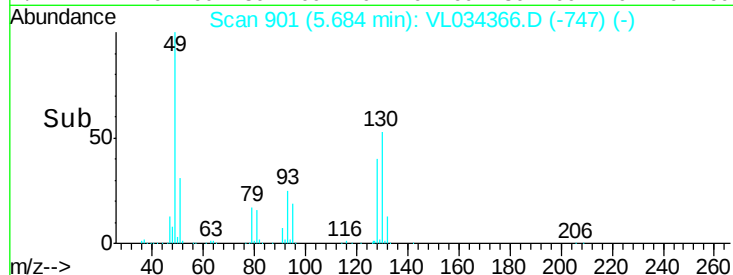
Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V

5.68

Time-->



#15

Acetone

Concen: 0.047 ppbv

RT: 3.86 min Scan# 335

Delta R.T. 0.02 min

Lab File: VL034366.D

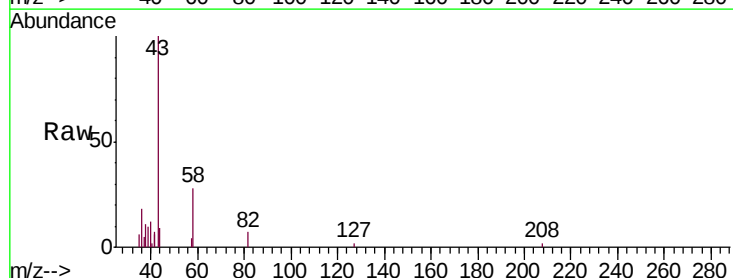
Acq: 25 Oct 2019 16:21

Tgt Ion: 43 Resp: 5738

Ion Ratio Lower Upper

43 100

58 0.0 20.4 30.6#

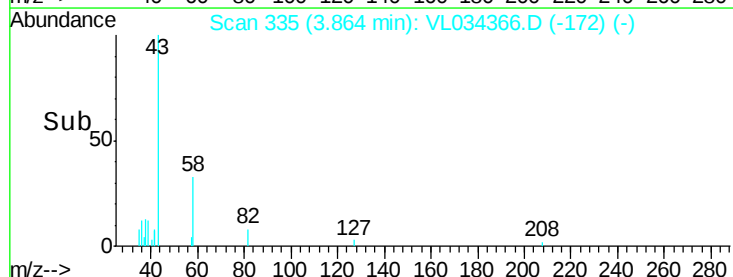


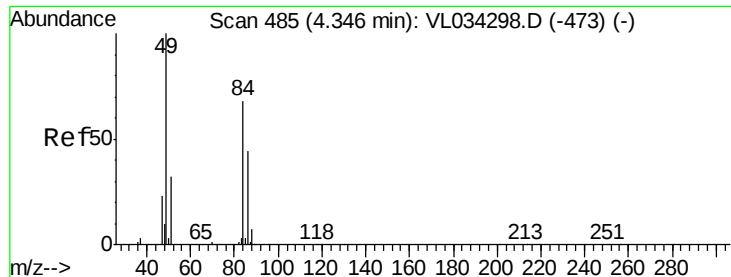
Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

3.86

Time-->

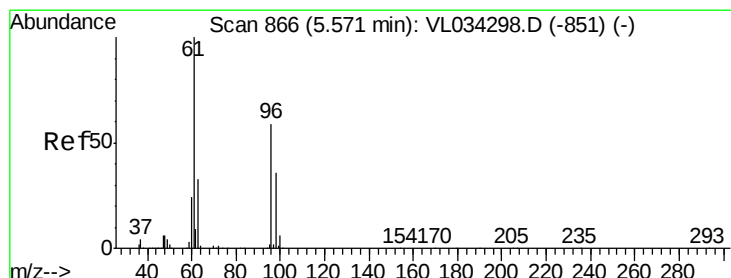
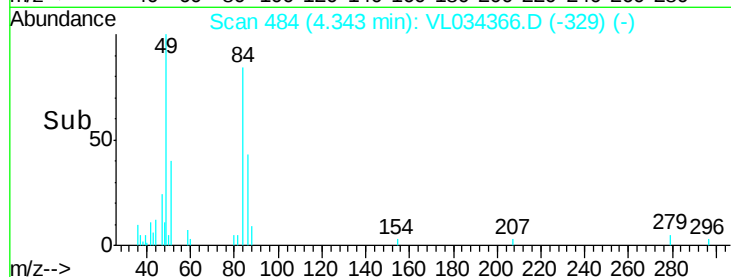
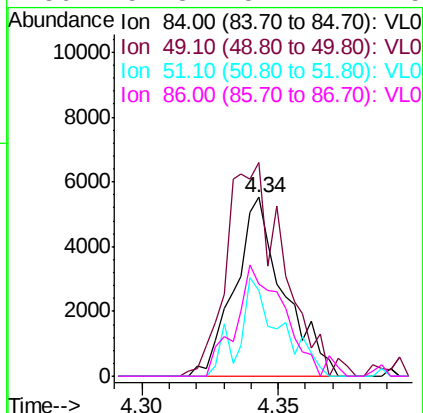
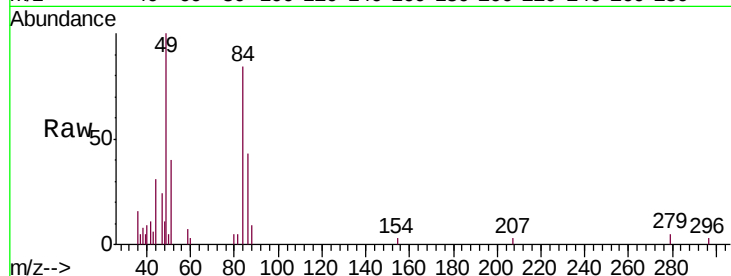




#20
Methylene Chloride
Concen: 0.155 ppbv
RT: 4.34 min Scan# 484
Delta R.T. -0.00 min
Lab File: VL034366.D
Acq: 25 Oct 2019 16:21

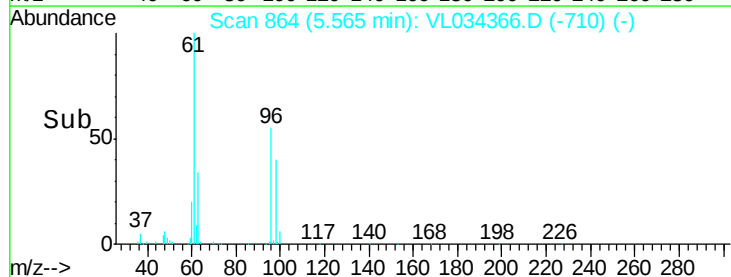
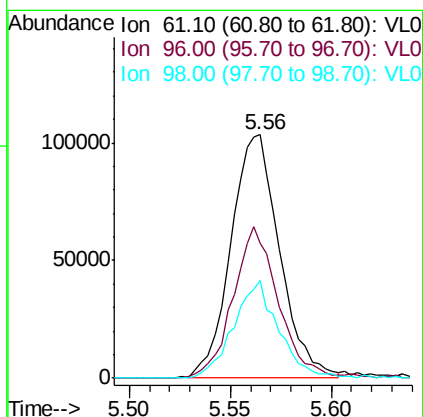
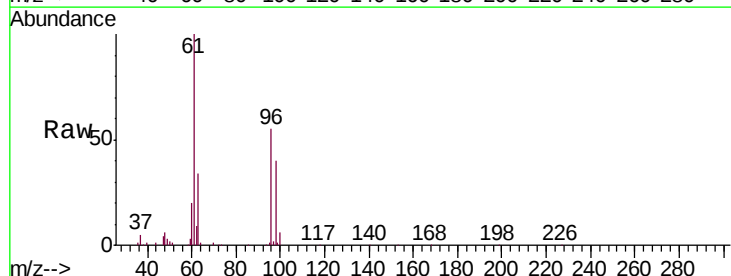
Instrument :
MSVOA_L
ClientSampleId :
SV5DL

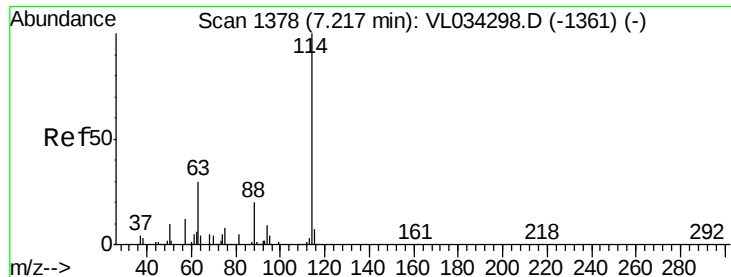
Tgt Ion: 84 Resp: 6874
Ion Ratio Lower Upper
84 100
49 116.7 118.5 177.7#
51 47.9 38.8 58.2
86 51.3 51.7 77.5#



#31
cis-1,2-Dichloroethene
Concen: 1.950 ppbv
RT: 5.56 min Scan# 864
Delta R.T. -0.01 min
Lab File: VL034366.D
Acq: 25 Oct 2019 16:21

Tgt Ion: 61 Resp: 174803
Ion Ratio Lower Upper
61 100
96 54.9 47.5 71.3
98 41.0 28.8 43.2

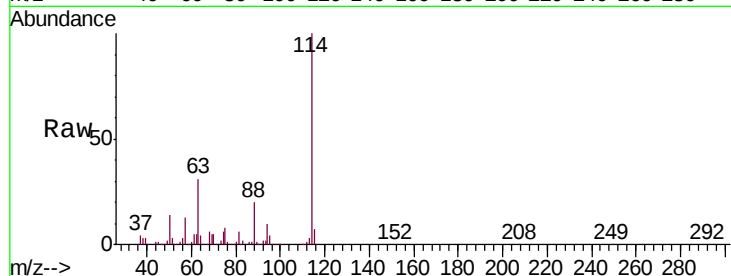




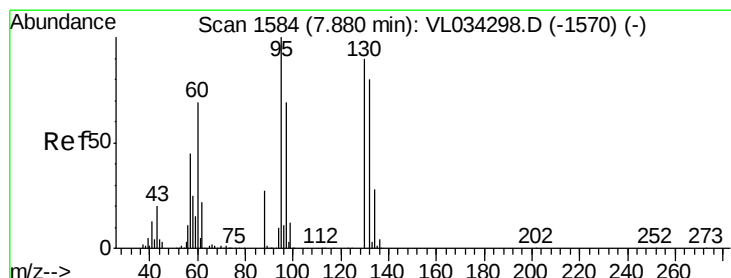
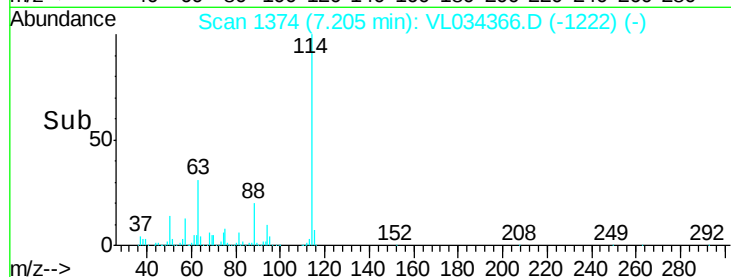
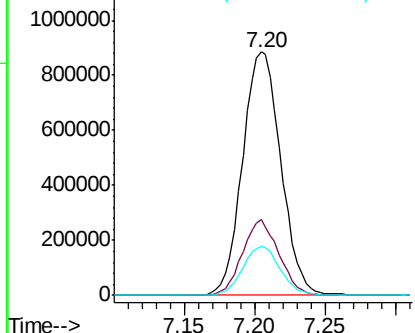
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.20 min Scan# 1374
Delta R.T. -0.01 min
Lab File: VL034366.D
Acq: 25 Oct 2019 16:21

Instrument :
MSVOA_L
ClientSampleId :
SV5DL

Tgt Ion:114 Resp: 1682553
Ion Ratio Lower Upper
114 100
63 29.7 25.2 37.8
88 19.7 16.0 24.0



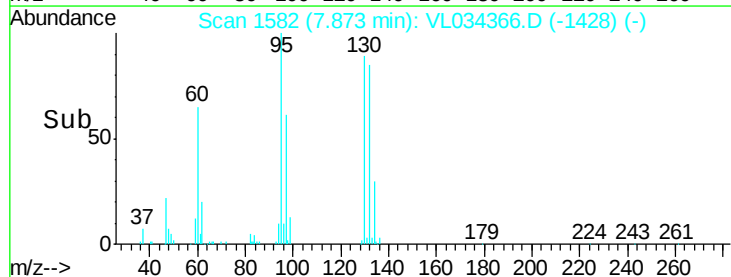
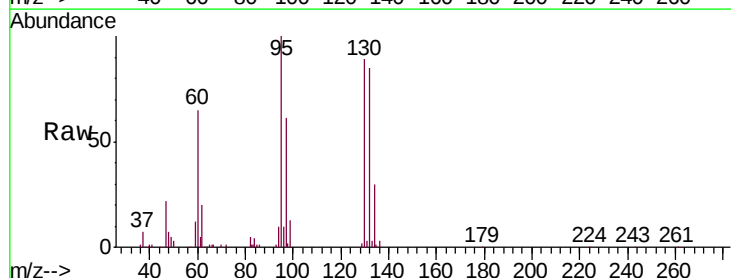
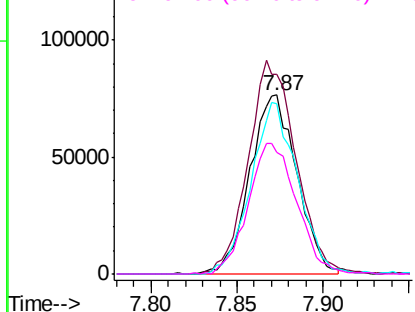
Abundance Ion 114.10 (113.80 to 114.80): V
Ion 63.10 (62.80 to 63.80): VL0
Ion 88.10 (87.80 to 88.80): VL0

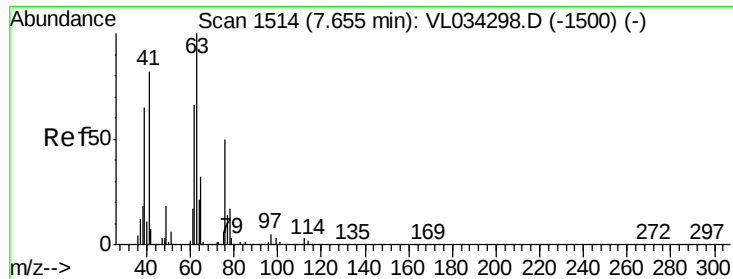


#38
Trichloroethene
Concen: 2.232 ppbv
RT: 7.87 min Scan# 1582
Delta R.T. -0.01 min
Lab File: VL034366.D
Acq: 25 Oct 2019 16:21

Tgt Ion:130 Resp: 144600
Ion Ratio Lower Upper
130 100
95 108.8 88.6 132.8
132 92.6 71.2 106.8
97 66.2 61.0 91.4

Abundance Ion 130.00 (129.70 to 130.70): V
Ion 95.00 (94.70 to 95.70): VL0
Ion 132.00 (131.70 to 132.70): V
Ion 97.00 (96.70 to 97.70): VL0

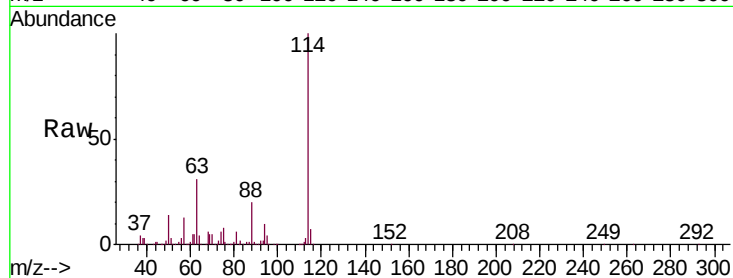




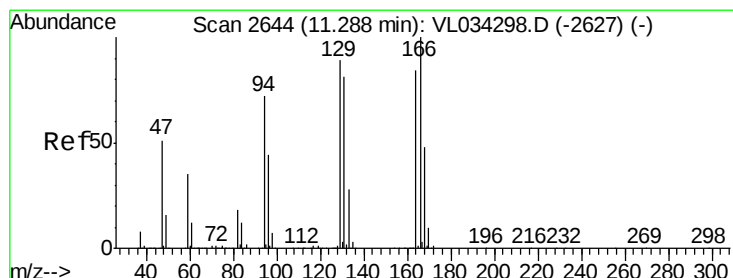
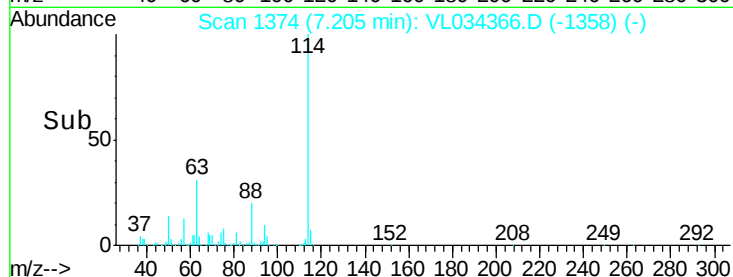
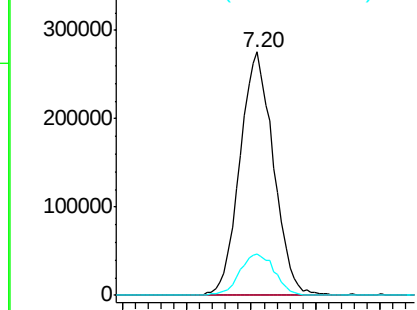
#39
 1,2-Dichloropropane
 Concen: 7.176 ppbv
 RT: 7.20 min Scan# 1374
 Delta R.T. -0.45 min
 Lab File: VL034366.D
 Acq: 25 Oct 2019 16:21

Instrument :
 MSVOA_L
 ClientSampleId :
 SV5DL

Tgt Ion: 63 Resp: 498836
 Ion Ratio Lower Upper
 63 100
 41 0.0 65.6 98.4#
 62 17.2 53.0 79.6#

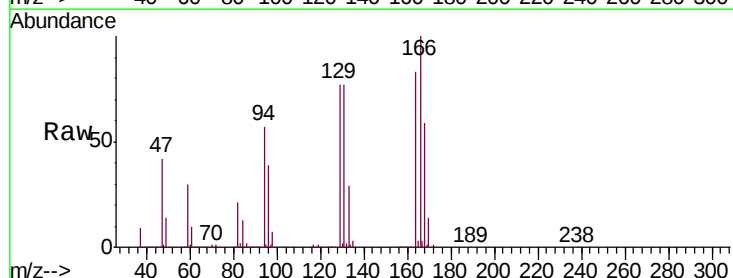


Abundance Ion 63.10 (62.80 to 63.80): VL0
 Ion 41.10 (40.80 to 41.80): VL0
 Ion 62.10 (61.80 to 62.80): VL0

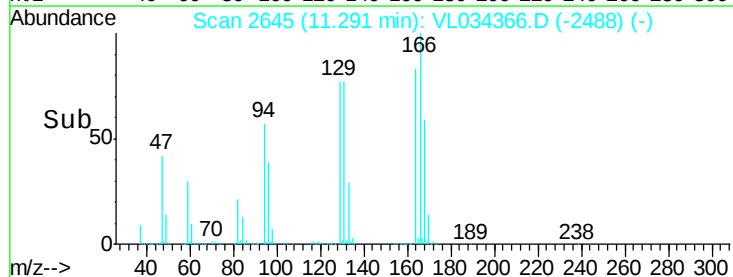
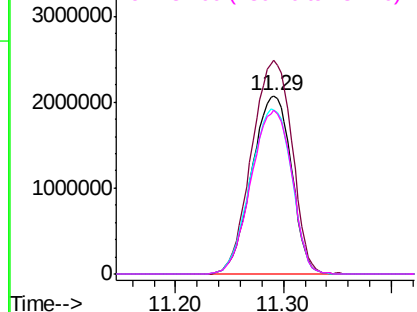


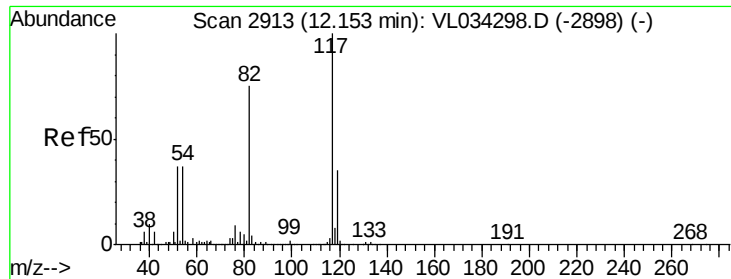
#52
 Tetrachloroethene
 Concen: 83.403 ppbv
 RT: 11.29 min Scan# 2645
 Delta R.T. 0.00 min
 Lab File: VL034366.D
 Acq: 25 Oct 2019 16:21

Tgt Ion: 164 Resp: 5277667
 Ion Ratio Lower Upper
 164 100
 166 119.9 95.3 142.9
 129 92.3 84.5 126.7
 131 92.4 77.3 115.9



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

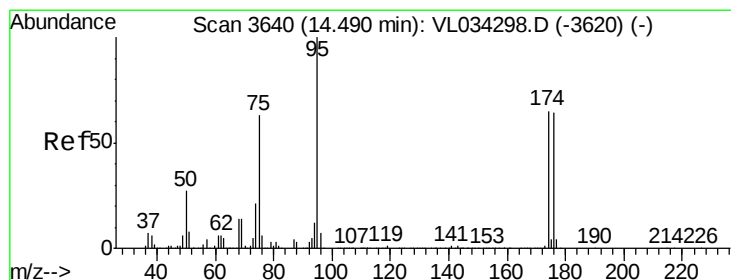
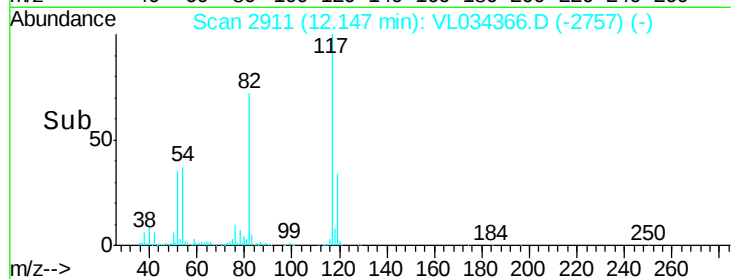
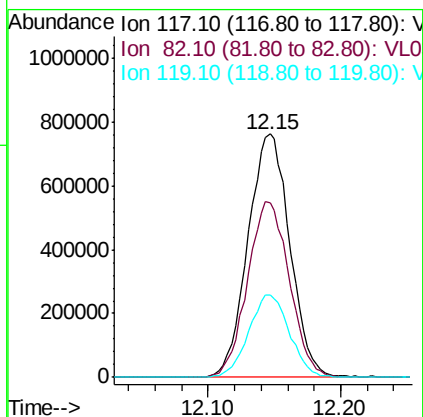
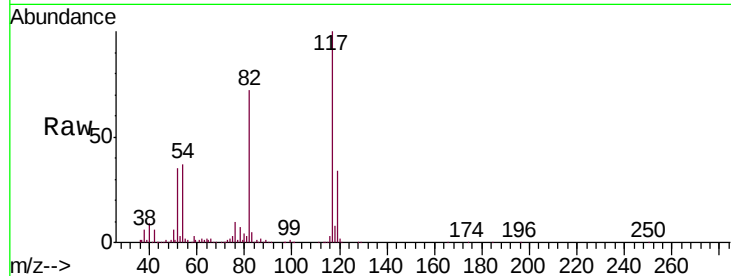




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.15 min Scan# 2911
Delta R.T. -0.01 min
Lab File: VL034366.D
Acq: 25 Oct 2019 16:21

Instrument :
MSVOA_L
ClientSampleId :
SV5DL

Tgt Ion: 117 Resp: 1669430
Ion Ratio Lower Upper
117 100
82 72.8 55.5 83.3
119 33.2 26.5 39.7



#68
1-Bromo-4-Fluorobenzene
Concen: 10.004 ppbv
RT: 14.48 min Scan# 3638
Delta R.T. -0.01 min
Lab File: VL034366.D
Acq: 25 Oct 2019 16:21

Tgt Ion: 95 Resp: 1414473
Ion Ratio Lower Upper
95 100
174 65.2 52.6 78.8
175 4.7 3.8 5.6

