

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL102519\
 Data File : VL034364.D
 Acq On : 25 Oct 2019 15:05
 Operator : SY/AP
 Sample : K5477-02DUPDL2 600X
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV6DL2DUP

Quant Time: Oct 25 23:28:24 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	871554	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.20	114	1736036	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.14	117	1734626	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.48	95	1461491	9.95	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.50%

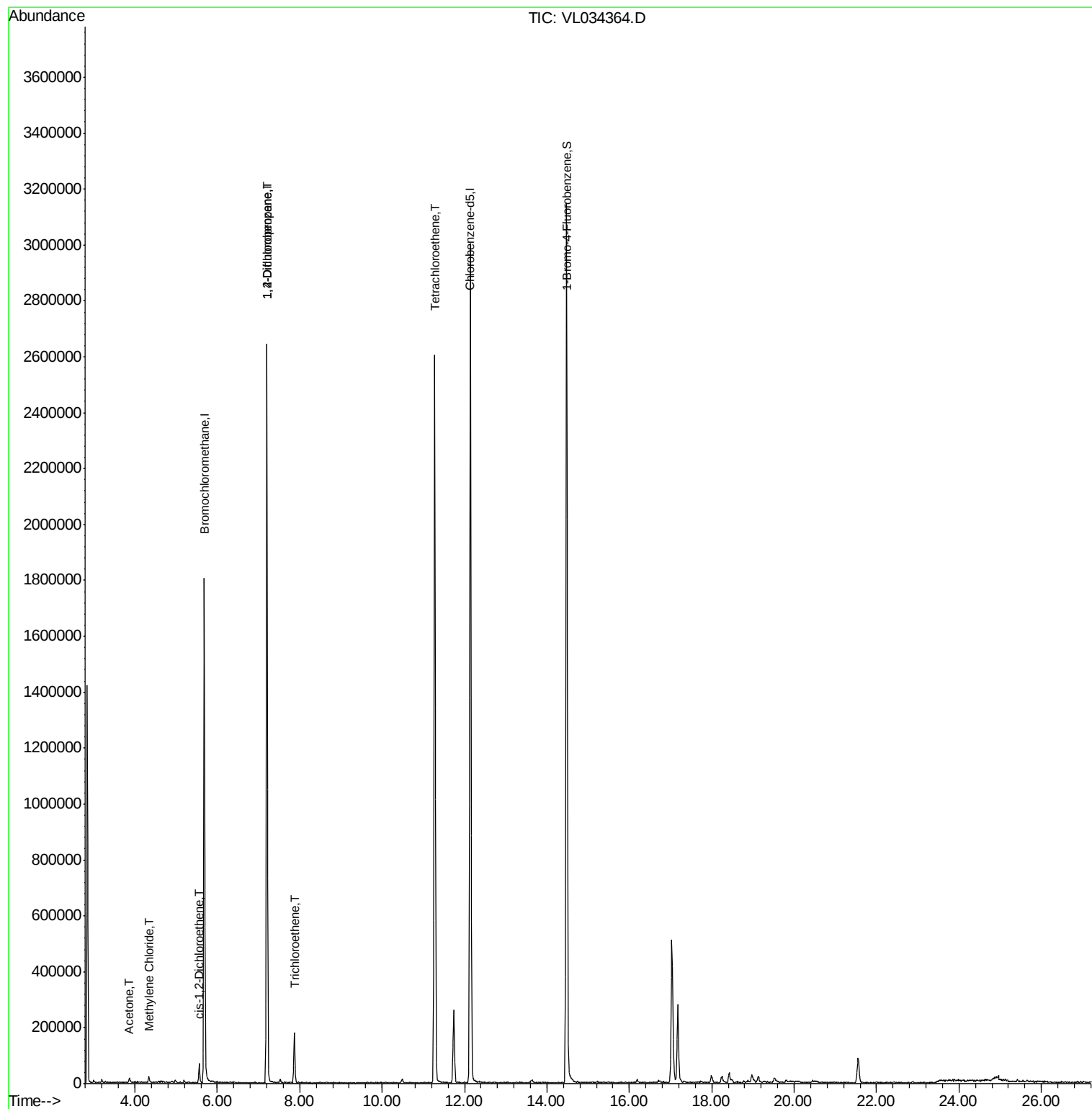
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Acetone	3.87	43	14362	0.115	ppbv #	76
20) Methylene Chloride	4.34	84	6453	0.143	ppbv	94
31) cis-1,2-Dichloroethene	5.56	61	38560	0.424	ppbv #	85
38) Trichloroethene	7.88	130	18912	0.283	ppbv	88
39) 1,2-Dichloropropane	7.20	63	509172	7.099	ppbv #	22
52) Tetrachloroethene	11.28	164	619645	9.491	ppbv	94

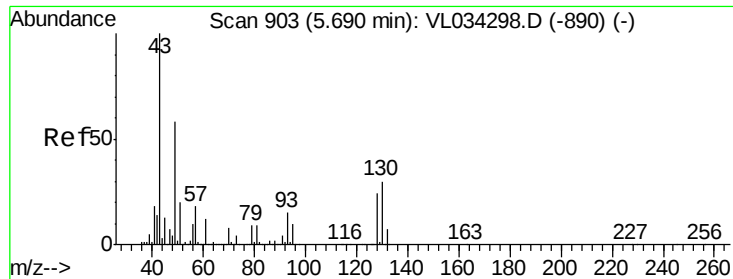
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 min Scan# 900

Delta R.T. -0.01 min

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MSVOA_L

ClientSampleId :

SV6DL2DUP

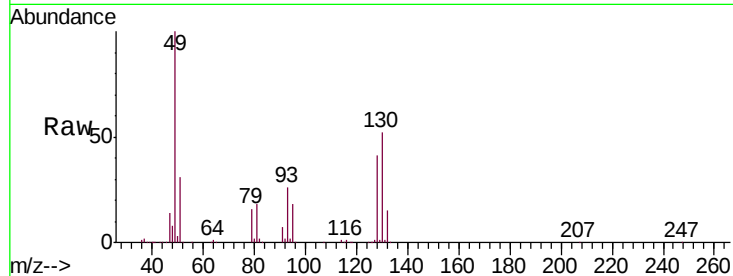
Tgt Ion: 49 Resp: 871554

Ion Ratio Lower Upper

49 100

128 42.8 20.6 61.8

130 54.8 26.2 78.5

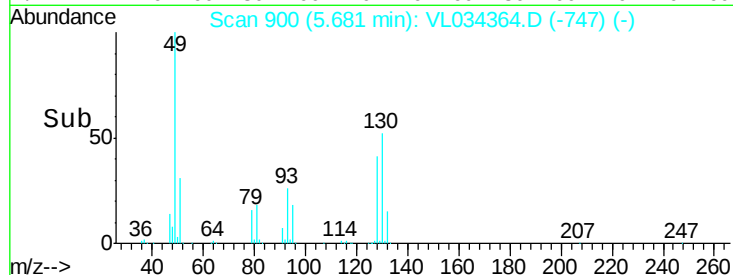


Abundance Ion 49.10 (48.80 to 49.80): VL0

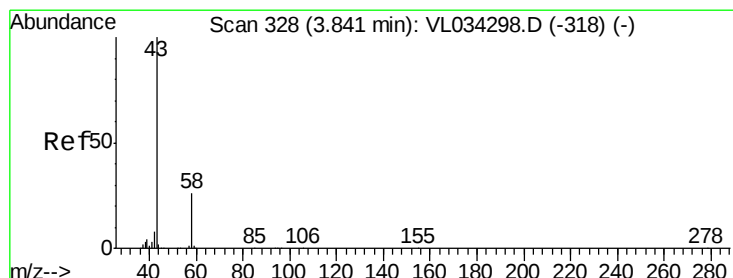
Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0

Time-->



Time-->



#15

Acetone

Concen: 0.115 ppbv

RT: 3.87 min Scan# 336

Delta R.T. 0.03 min

Lab File: VL034364.D

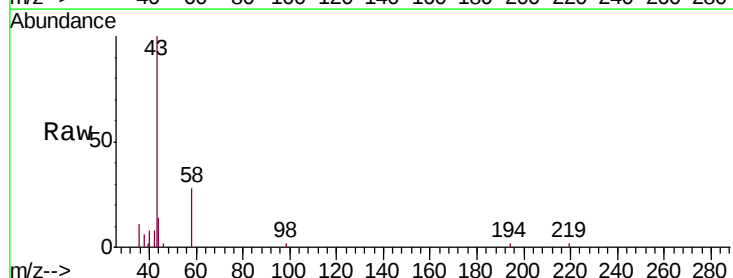
Acq: 25 Oct 2019 15:05

Tgt Ion: 43 Resp: 14362

Ion Ratio Lower Upper

43 100

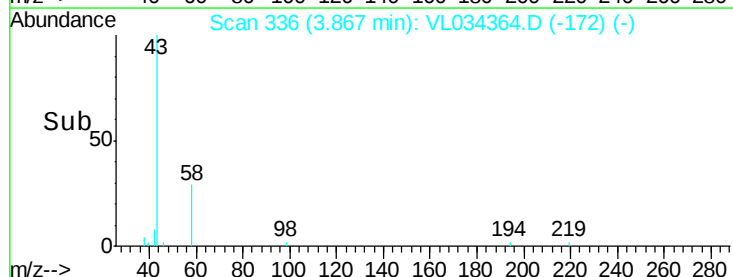
58 37.8 20.4 30.6#



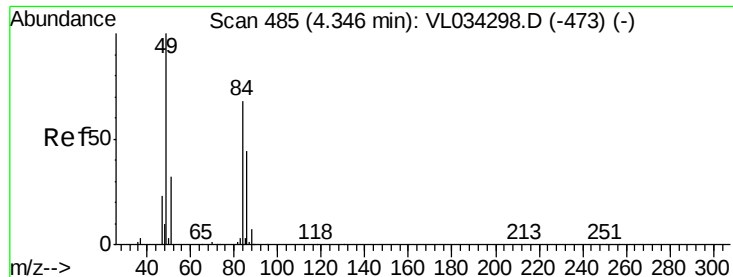
Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

Time-->



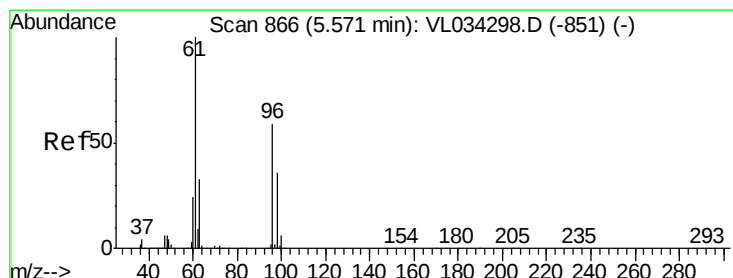
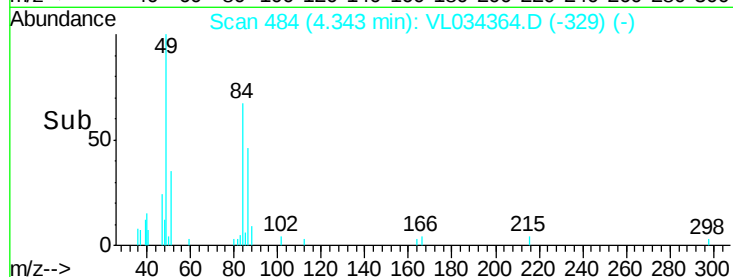
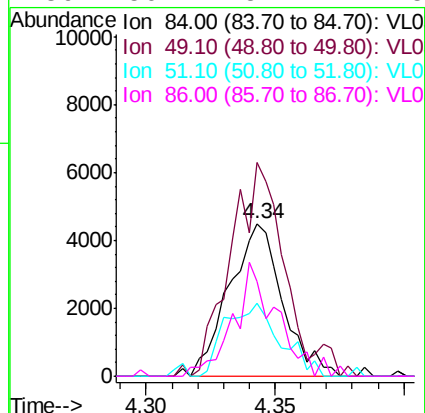
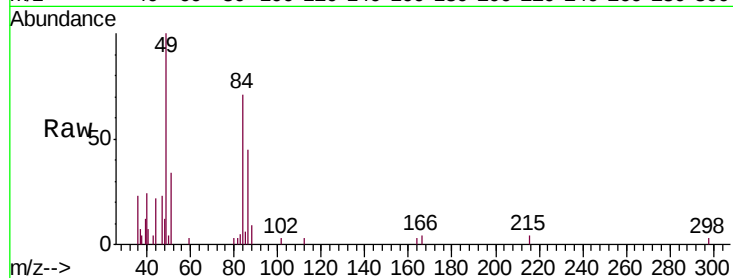
Time-->



#20
Methylene Chloride
Concen: 0.143 ppbv
RT: 4.34 min Scan# 484
Delta R.T. -0.00 min
Lab File: VL034364.D
Acq: 25 Oct 2019 15:05

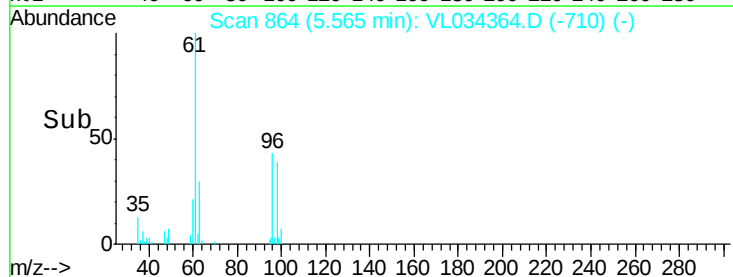
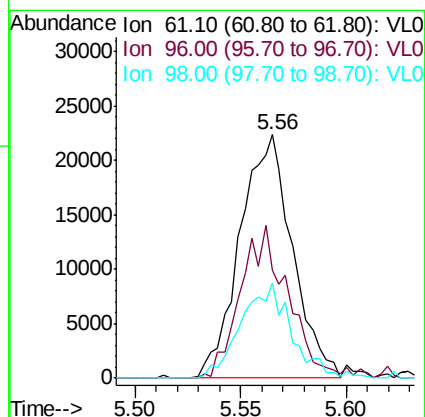
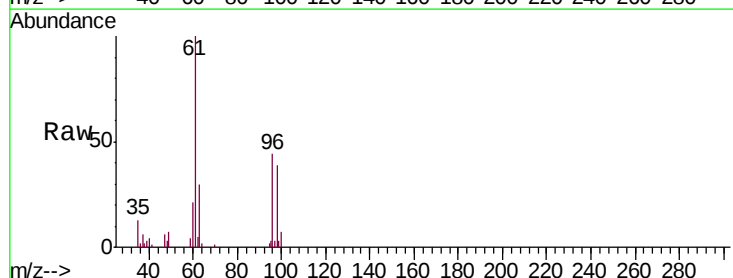
Instrument :
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SV6DL2DUP

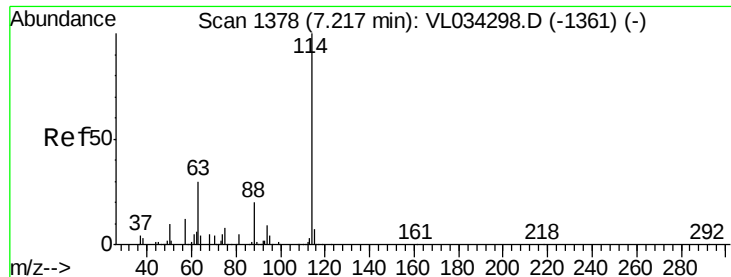
Tgt Ion:	84	Resp:	6453
Ion	Ratio	Lower	Upper
84	100		
49	140.2	118.5	177.7
51	47.9	38.8	58.2
86	56.7	51.7	77.5



#31
cis-1,2-Dichloroethene
Concen: 0.424 ppbv
RT: 5.56 min Scan# 864
Delta R.T. -0.01 min
Lab File: VL034364.D
Acq: 25 Oct 2019 15:05

Tgt Ion:	61	Resp:	38560
Ion	Ratio	Lower	Upper
61	100		
96	44.1	47.5	71.3#
98	39.0	28.8	43.2

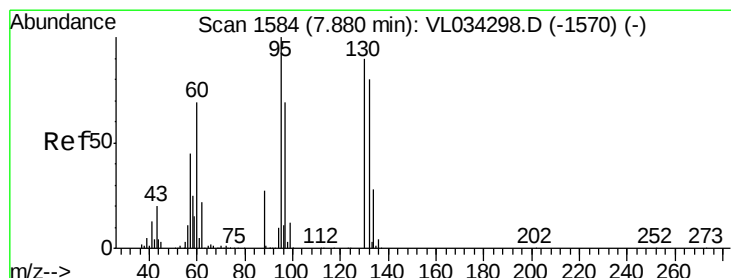
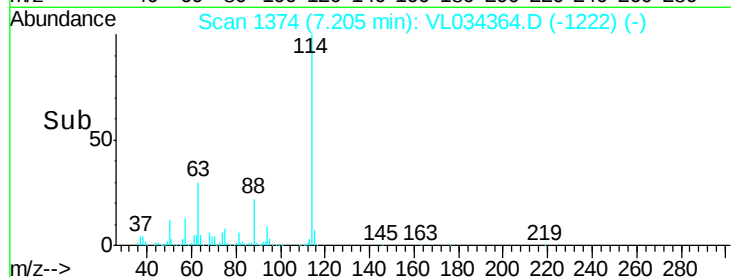
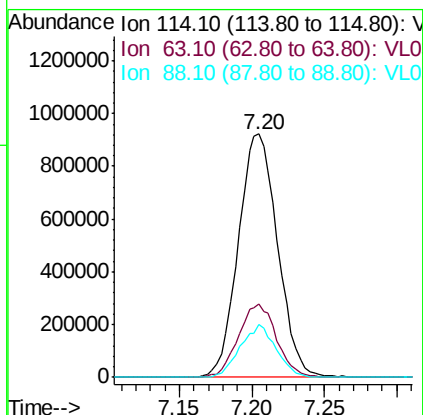
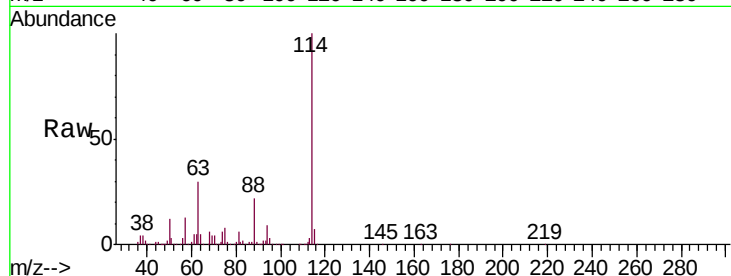




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.20 min Scan# 1374
 Delta R.T. -0.01 min
 Lab File: VL034364.D
 Acq: 25 Oct 2019 15:05

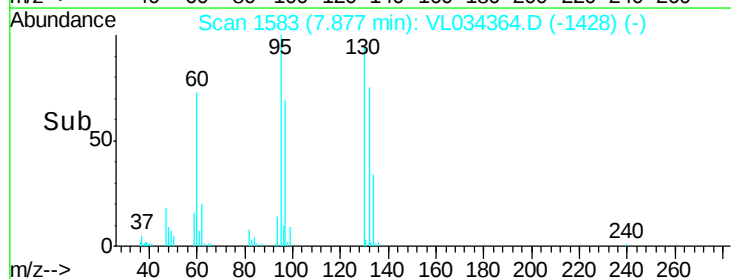
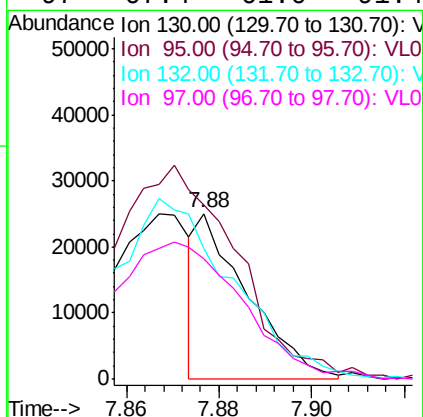
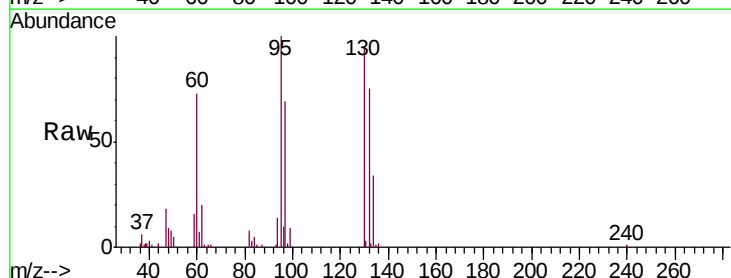
Instrument :
 MSVOA_L
 ClientSampleId :
 SV6DL2DUP

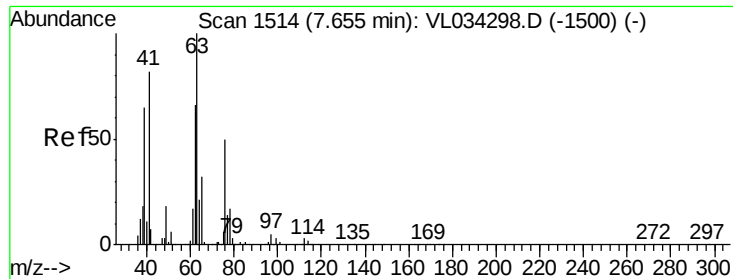
Tgt Ion:114 Resp: 1736036
 Ion Ratio Lower Upper
 114 100
 63 29.5 25.2 37.8
 88 20.0 16.0 24.0



#38
 Trichloroethene
 Concen: 0.283 ppbv
 RT: 7.88 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: VL034364.D
 Acq: 25 Oct 2019 15:05

Tgt Ion:130 Resp: 18912
 Ion Ratio Lower Upper
 130 100
 95 101.6 88.6 132.8
 132 73.9 71.2 106.8
 97 67.4 61.0 91.4

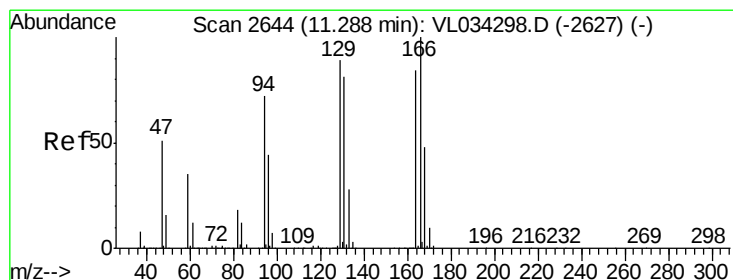
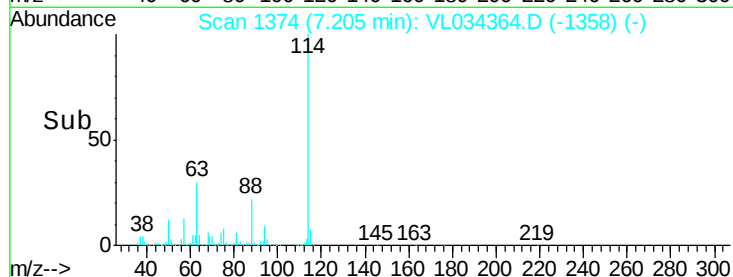
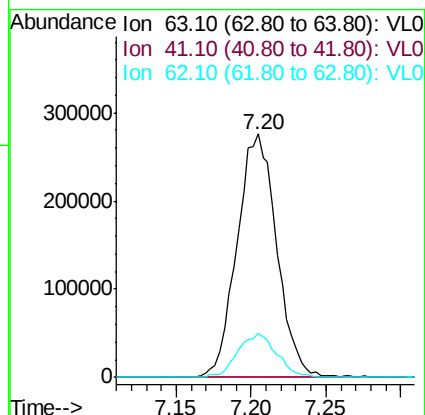
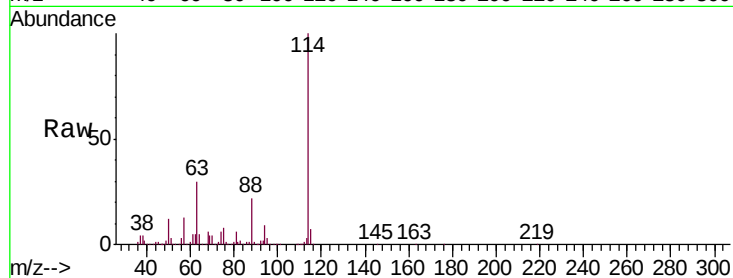




#39
 1,2-Dichloropropane
 Concen: 7.099 ppbv
 RT: 7.20 min Scan# 1374
 Delta R.T. -0.45 min
 Lab File: VL034364.D
 Acq: 25 Oct 2019 15:05

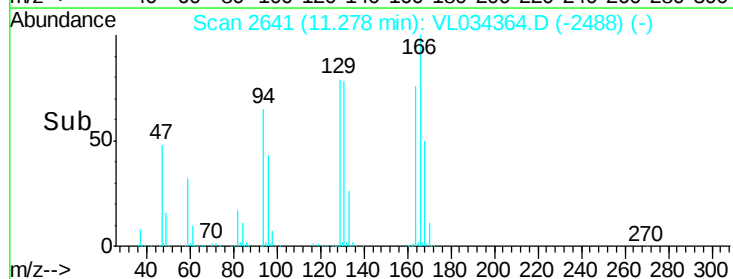
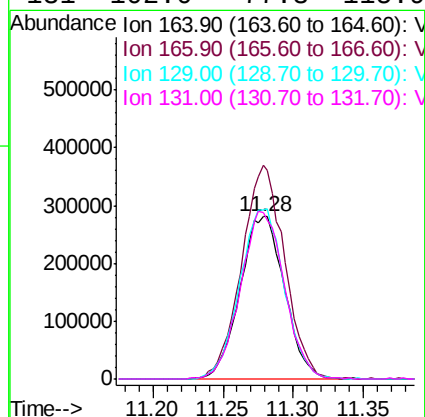
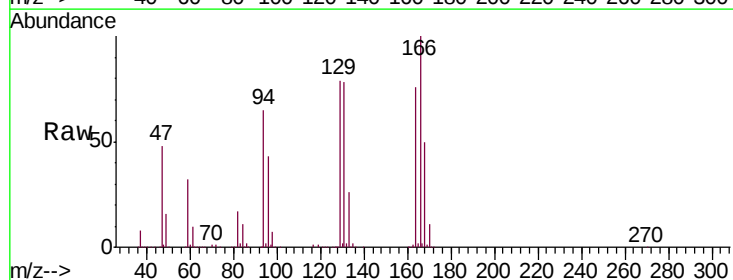
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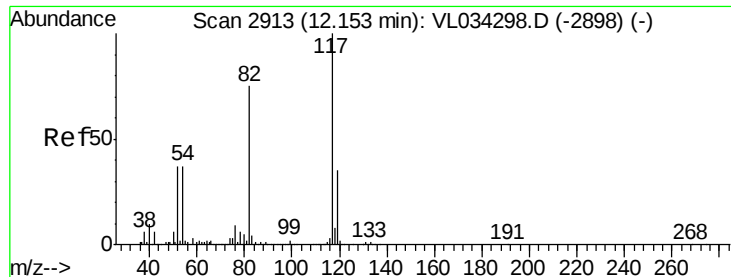
Tgt Ion: 63 Resp: 509172
 Ion Ratio Lower Upper
 63 100
 41 0.1 65.6 98.4#
 62 17.8 53.0 79.6#



#52
 Tetrachloroethene
 Concen: 9.491 ppbv
 RT: 11.28 min Scan# 2641
 Delta R.T. -0.01 min
 Lab File: VL034364.D
 Acq: 25 Oct 2019 15:05

Tgt Ion: 164 Resp: 619645
 Ion Ratio Lower Upper
 164 100
 166 131.5 95.3 142.9
 129 104.0 84.5 126.7
 131 102.0 77.3 115.9

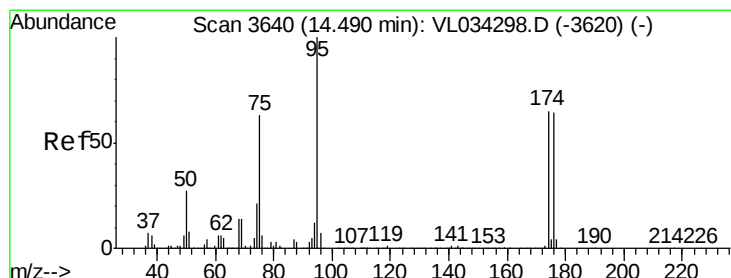
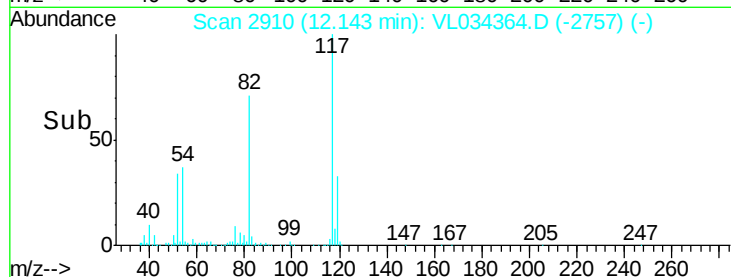
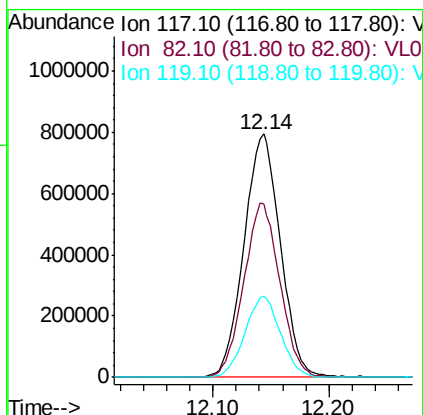
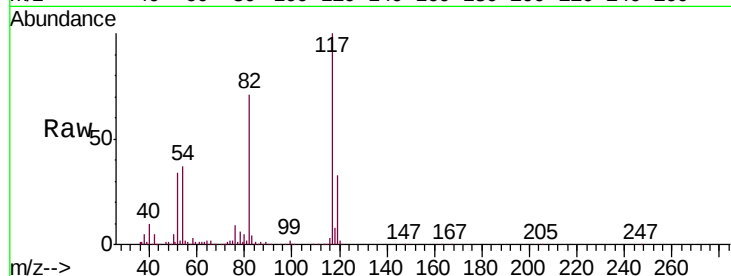




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.14 min Scan# 2910
Delta R.T. -0.01 min
Lab File: VL034364.D
Acq: 25 Oct 2019 15:05

Instrument :
MSVOA_L
ClientSampleId :
SV6DL2DUP

Tgt Ion: 117 Resp: 1734626
Ion Ratio Lower Upper
117 100
82 71.5 55.5 83.3
119 32.9 26.5 39.7



#68
1-Bromo-4-Fluorobenzene
Concen: 9.948 ppbv
RT: 14.48 min Scan# 3636
Delta R.T. -0.01 min
Lab File: VL034364.D
Acq: 25 Oct 2019 15:05

Tgt Ion: 95 Resp: 1461491
Ion Ratio Lower Upper
95 100
174 66.3 52.6 78.8
175 4.8 3.8 5.6

