

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL031620\
 Data File : VL034907.D
 Acq On : 17 Mar 2020 1:58
 Operator : SY/AP
 Sample : L1924-07DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-03DL

Manual Integrations
 APPROVED

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Quant Time: Mar 17 12:04:50 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	829406	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	1810185	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	1760375	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	1418733	10.33	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.30%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.57	45	72831m	5.416	ppbv	
15) Acetone	3.82	43	214466	1.995	ppbv	98
19) Isopropyl Alcohol	3.96	45	17716m	0.261	ppbv	
38) Trichloroethene	7.83	130	40550m	0.662	ppbv	

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

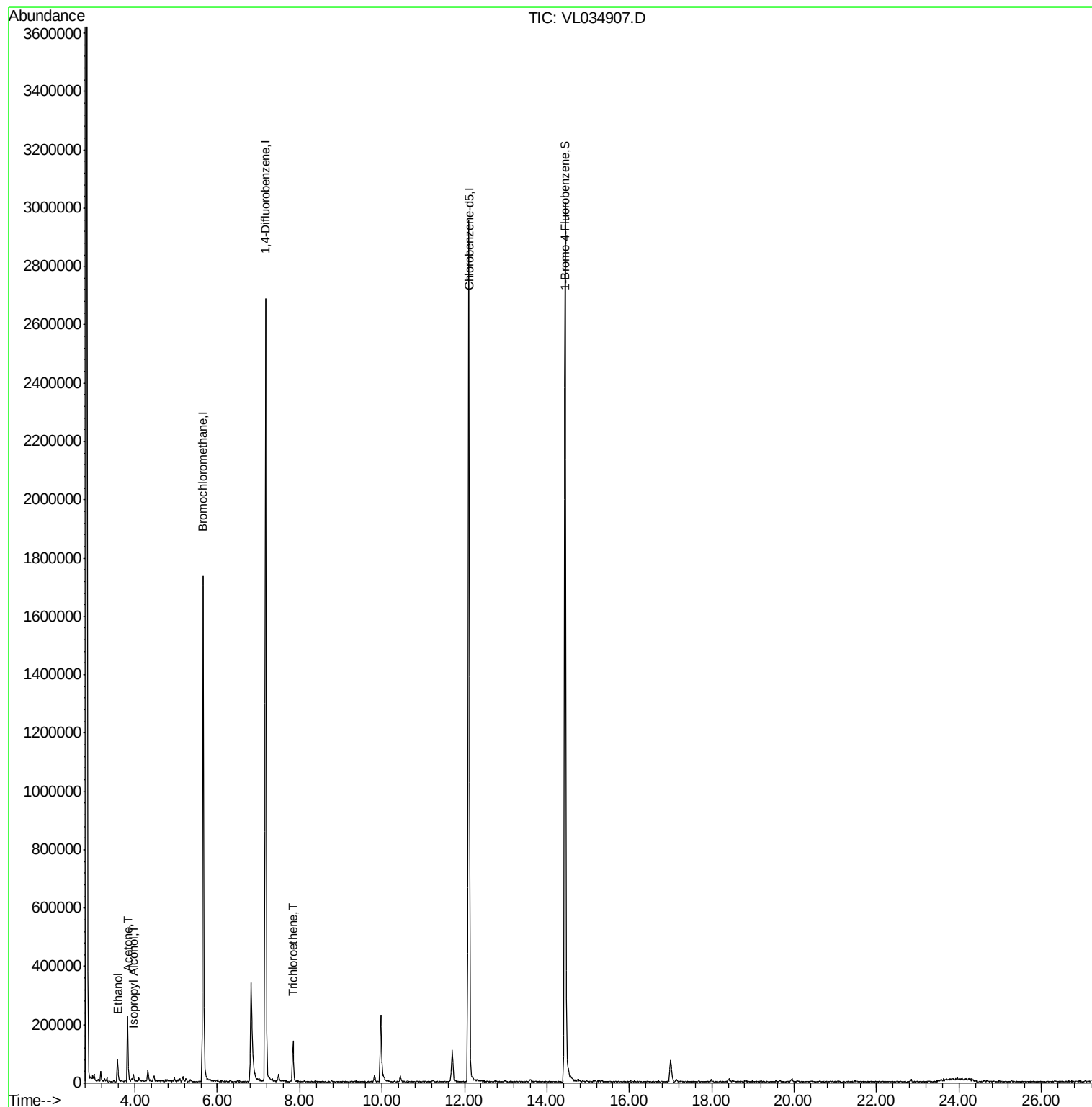
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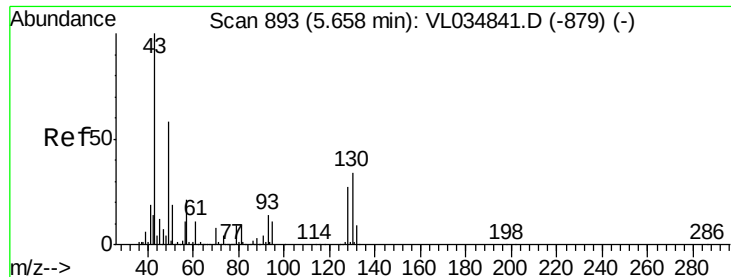
Instrument :
MSVOA_L
ClientSampleId :
SV-03DL

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QLast Update : Mon Mar 09 16:42:53 2020
Response via : Initial Calibration





#1

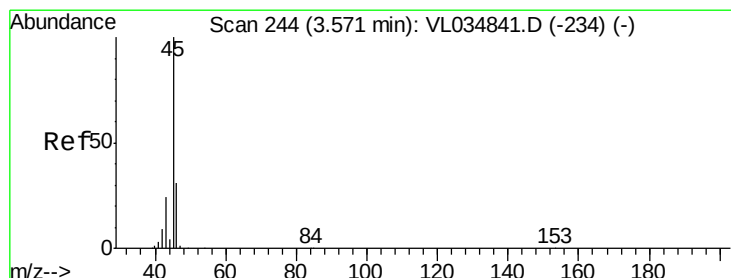
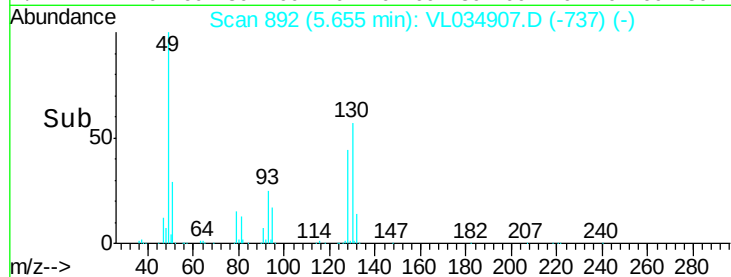
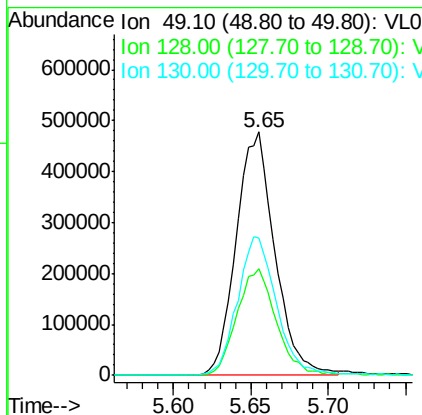
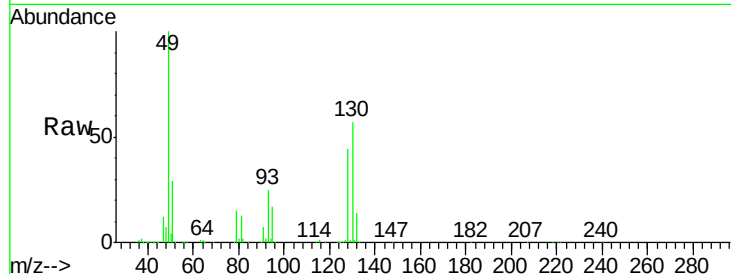
Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.65 min Scan# 892
 Delta R.T. -0.00 min
 Lab File: VL034907.D
 Acq: 17 Mar 2020 1:58

Instrument :
 MSVOA_L
 ClientSampled :
 SV-03DL

Tot Ion	Ratio	Lower	Upper
49	100		
128	45.1	23.4	70.3
130	58.4	30.0	90.0

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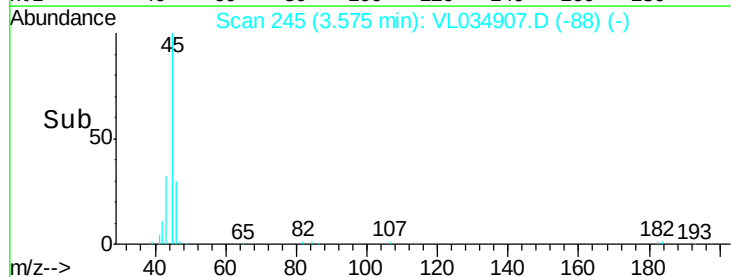
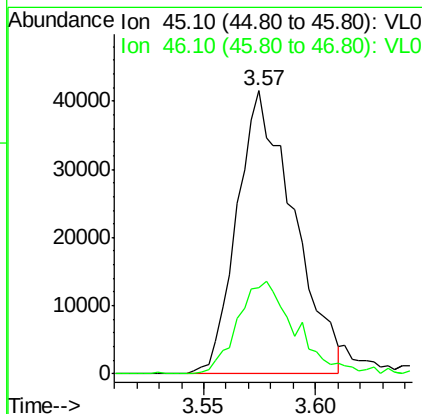
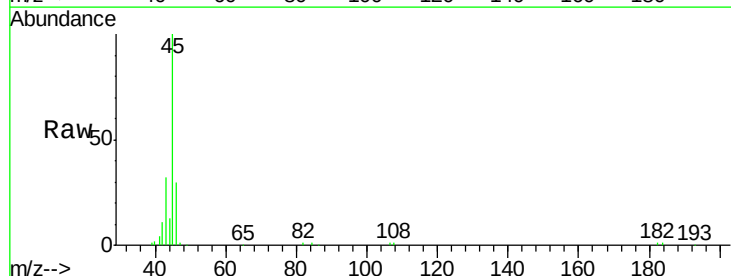
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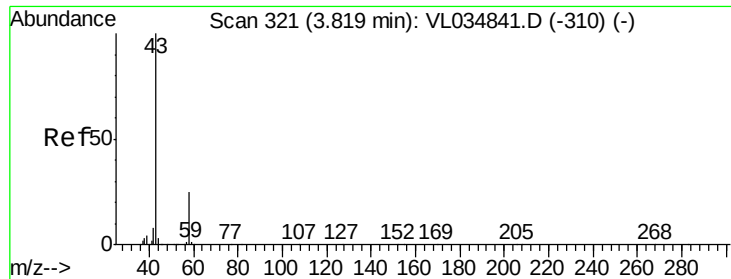


#13

Ethanol
 Concen: 5.416 ppbv m
 RT: 3.57 min Scan# 245
 Delta R.T. 0.00 min
 Lab File: VL034907.D
 Acq: 17 Mar 2020 1:58

Tgt Ion	Ratio	Lower	Upper
45	100		
46	33.8	16.0	64.0





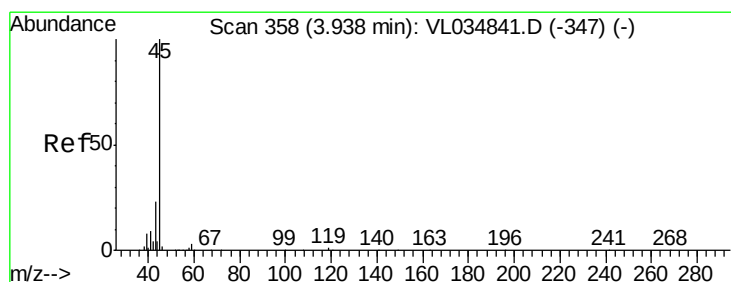
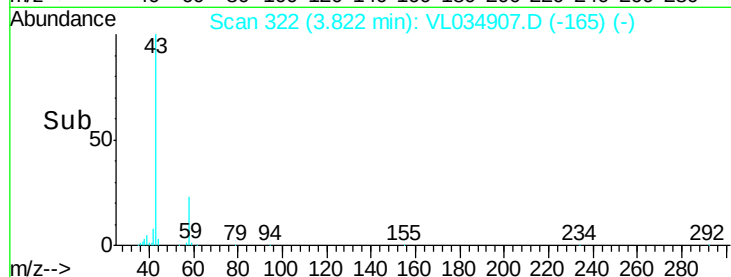
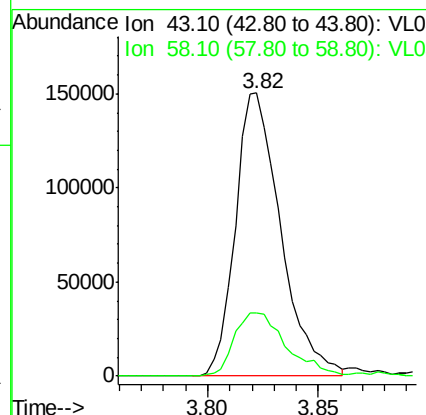
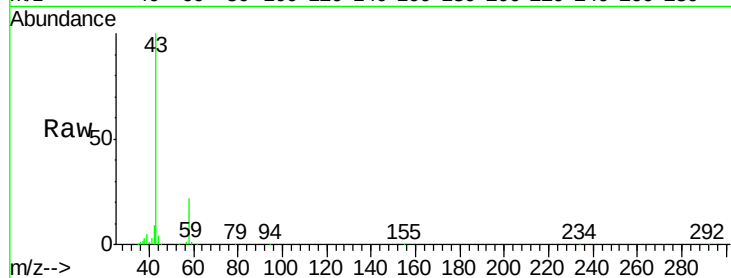
#15
Acetone
Concen: 1.995 ppbv
RT: 3.82 min Scan# 322
Delta R.T. 0.00 min
Lab File: VL034907.D
Acq: 17 Mar 2020 1:58

Instrument :
MSVOA_L
ClientSampleId :
SV-03DL

Tot Ion	43	Resp	214466
Ion Ratio	100	Lower	Upper
43	100		
58	27.1	21.0	31.6

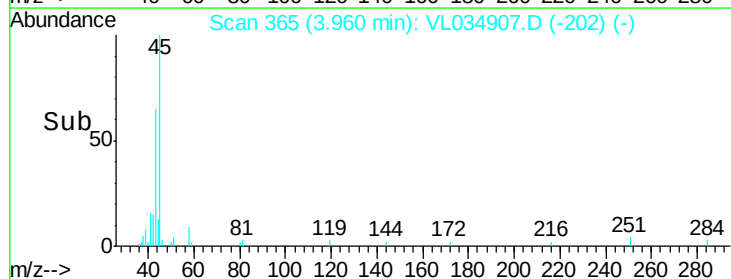
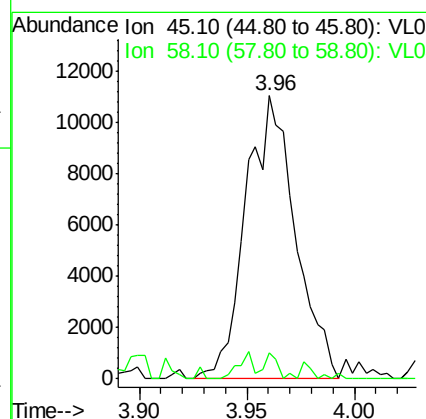
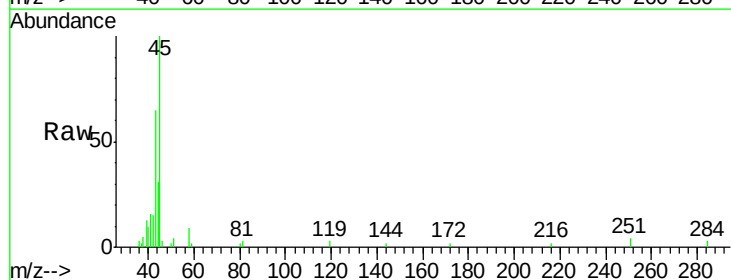
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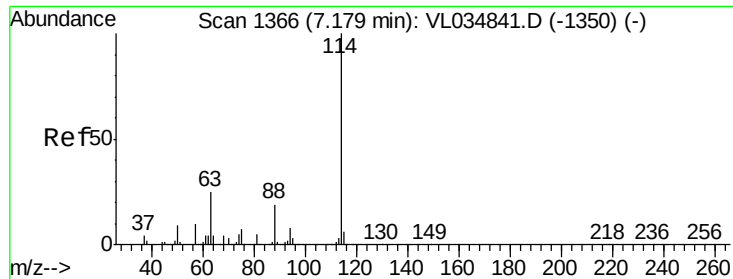
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#19
Isopropyl Alcohol
Concen: 0.261 ppbv m
RT: 3.96 min Scan# 365
Delta R.T. 0.02 min
Lab File: VL034907.D
Acq: 17 Mar 2020 1:58

Tgt Ion	45	Resp	17716
Ion Ratio	100	Lower	Upper
45	100		
58	0.0	30.5	45.7#





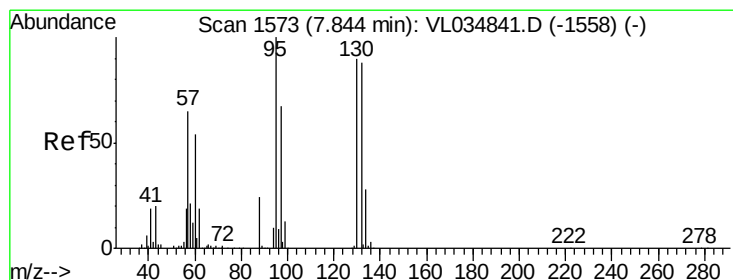
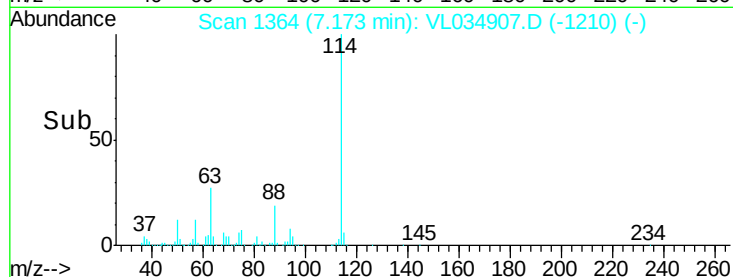
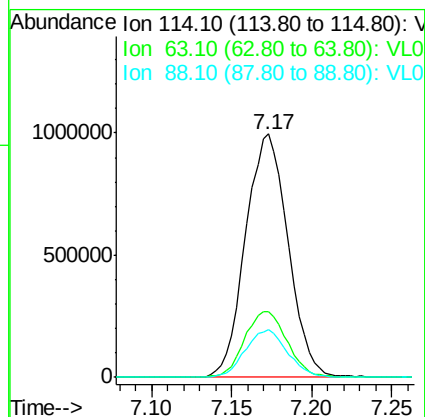
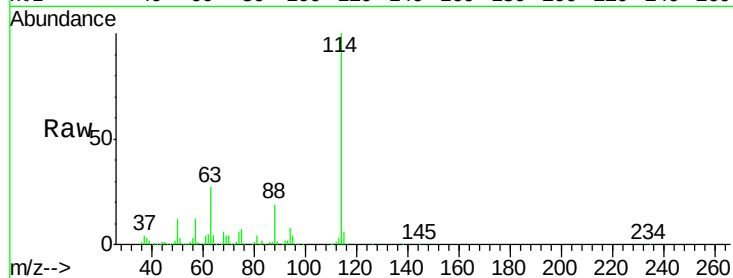
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1364
 Delta R.T. -0.01 min
 Lab File: VL034907.D
 Acq: 17 Mar 2020 1:58

Instrument :
 MSVOA_L
 ClientSampled :
 SV-03DL

Tot Ion	Ratio	Lower	Upper
114	100		
63	27.2	20.6	31.0
88	19.3	15.0	22.6

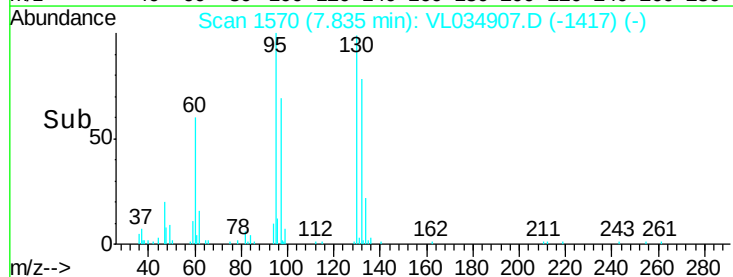
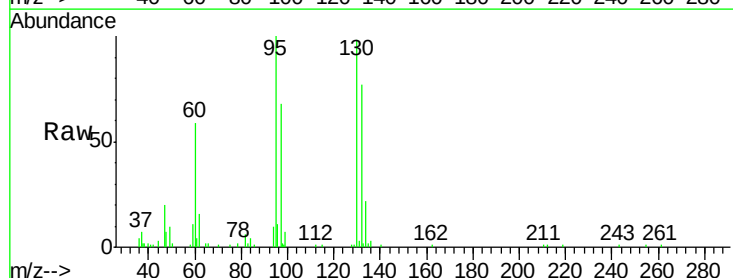
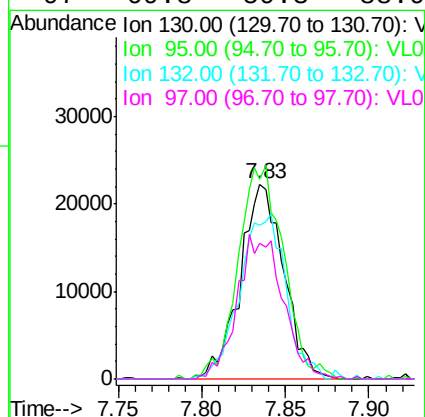
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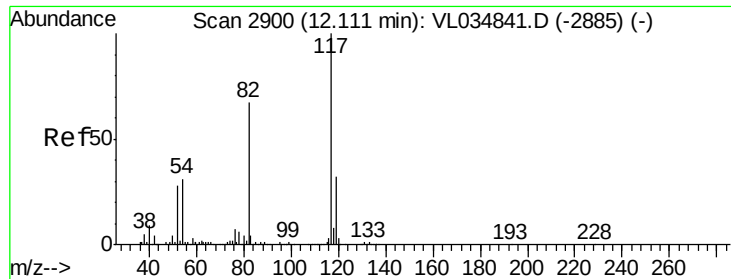
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#38
 Trichloroethene
 Concen: 0.662 ppbv m
 RT: 7.83 min Scan# 1570
 Delta R.T. -0.01 min
 Lab File: VL034907.D
 Acq: 17 Mar 2020 1:58

Tgt Ion	Ratio	Lower	Upper
130	100		
95	102.3	88.5	132.7
132	78.5	78.0	117.0
97	69.8	59.3	88.9





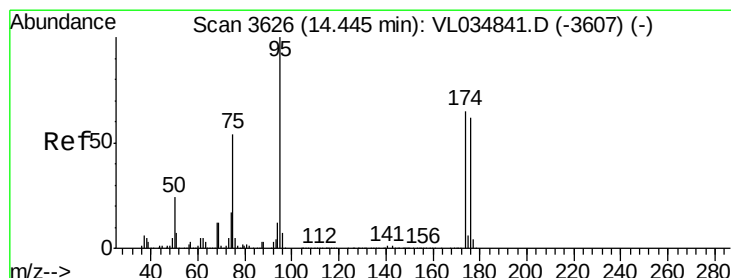
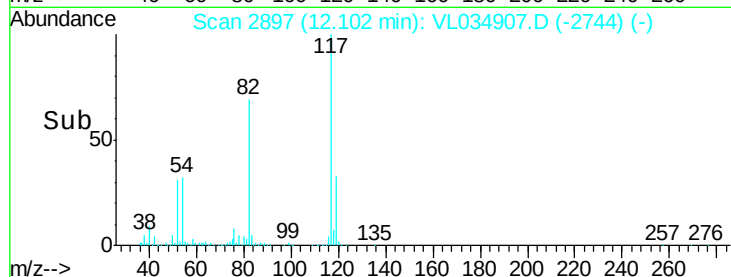
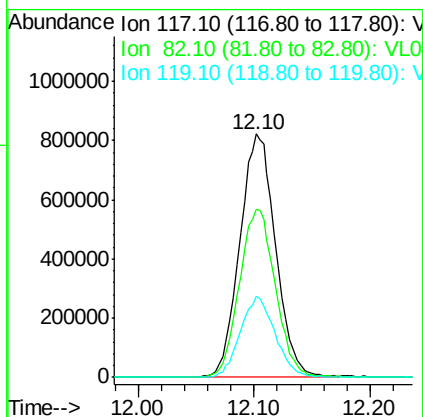
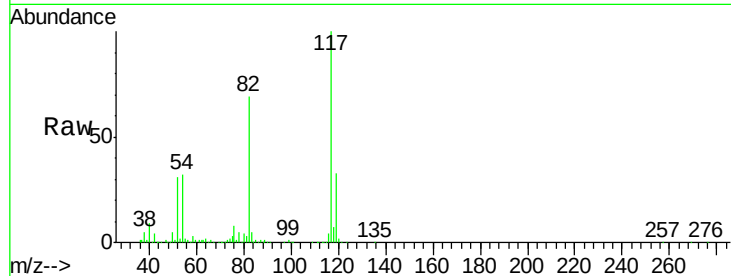
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2897
Delta R.T. -0.01 min
Lab File: VL034907.D
Acq: 17 Mar 2020 1:58

Instrument :
MSVOA_L
ClientSampleId :
SV-03DL

Tot Ion	Ratio	Lower	Upper
117	100		
82	69.9	51.1	76.7
119	32.4	27.3	40.9

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.334 ppbv
RT: 14.44 min Scan# 3624
Delta R.T. -0.01 min
Lab File: VL034907.D
Acq: 17 Mar 2020 1:58

Tgt Ion	Ratio	Lower	Upper
95	100		
174	64.4	55.2	82.8
175	4.8	4.3	6.5

