

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL063020\
 Data File : VL035139.D
 Acq On : 1 Jul 2020 00:14
 Operator : SY/AP
 Sample : OC062920 CAN 10661
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC062920 CAN 10661

Manual Integrations
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Quant Time: Jul 01 05:07:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL061920AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Sat Jun 20 2020
 QLast Update : Sat Jun 20 02:10:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1124306	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2744909	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	2701870	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.46	95	2242641	9.99	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl Chloride	3.22	62	12281	0.185	ppbv #	78
10) Heptane	8.14	43	80411m	0.631	ppbv	
15) Acetone	3.84	43	321796	2.367	ppbv #	61
26) Hexane	5.68	57	527224	4.767	ppbv #	41
30) Cyclohexane	7.14	84	76805	0.968	ppbv	91
36) Benzene	6.90	78	125126	0.589	ppbv	98
38) Trichloroethene	7.85	130	90986	1.102	ppbv	96
44) 2,2,4-Trimethylpentane	7.88	57	156602	0.422	ppbv #	58
52) Tetrachloroethene	11.26	164	283956	3.791	ppbv	95
53) Toluene	9.84	91	35343m	0.156	ppbv	

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

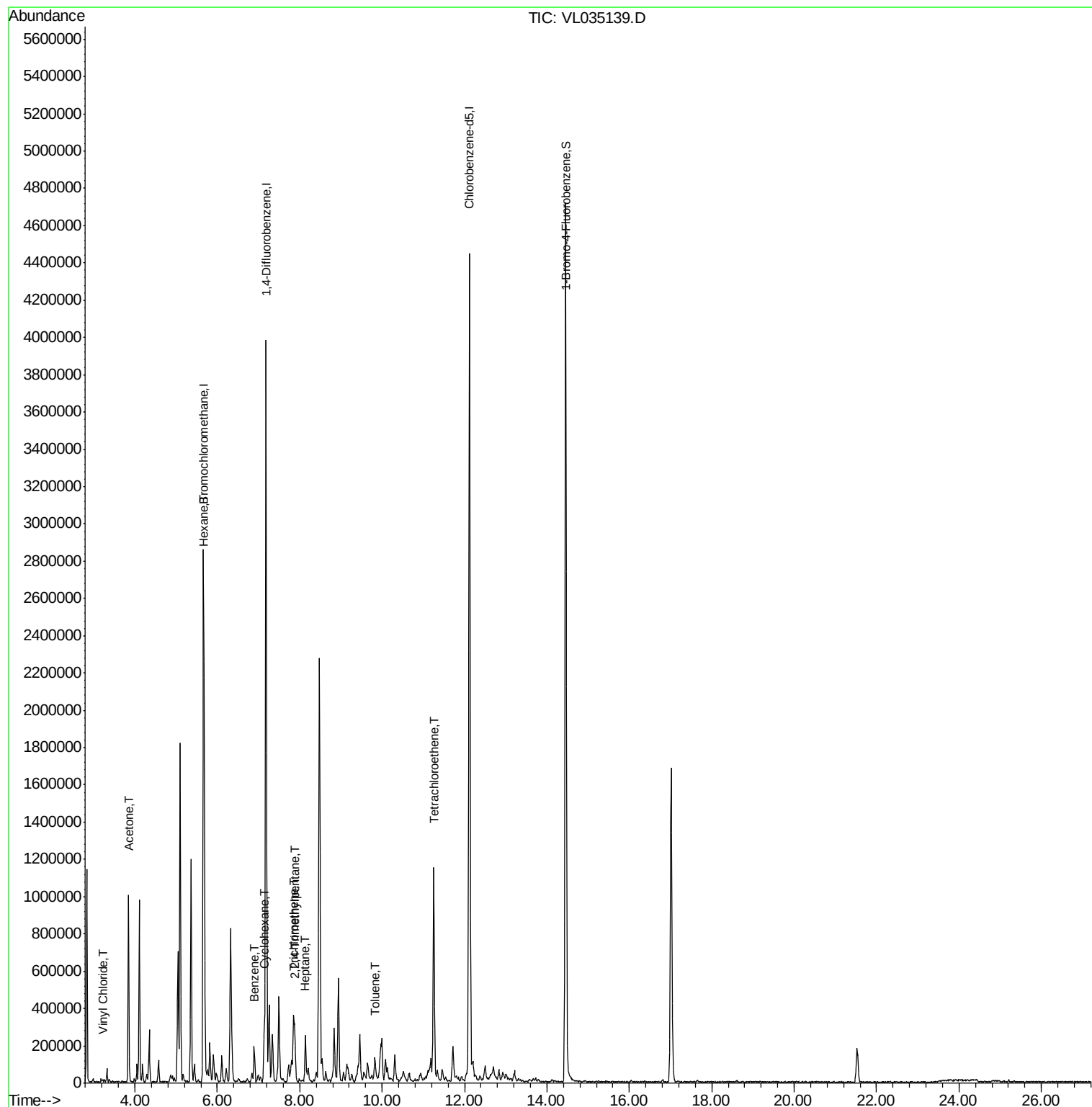
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL063020\
Data File : VL035139.D
Acq On : 1 Jul 2020 00:14
Operator : SY/AP
Sample : OC062920 CAN 10661
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

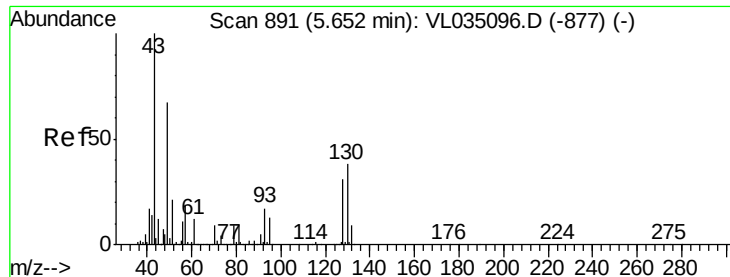
Instrument :
MSVOA_L
ClientSampleId :
QC062920 CAN 10661

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Quant Time: Jul 01 05:07:28 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL061920AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Sat Jun
QLast Update : Sat Jun 20 02:10:36 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 894

Delta R.T. 0.01 min

Lab File: VL035139.D

Acq: 1 Jul 2020 00:14

Instrument :

MSVOA_L

ClientSampleId :

QC062920 CAN 10661

Tot Ion: 49 Resp: 1124306

Ion Ratio Lower Upper

49 100

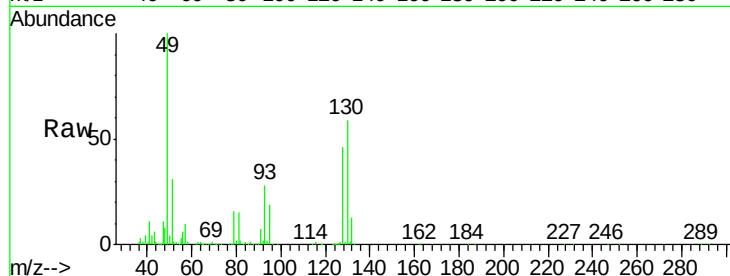
128 47.1 22.9 68.5

130 60.8 29.0 87.0

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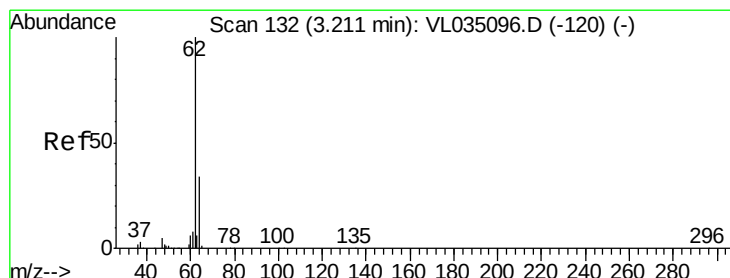
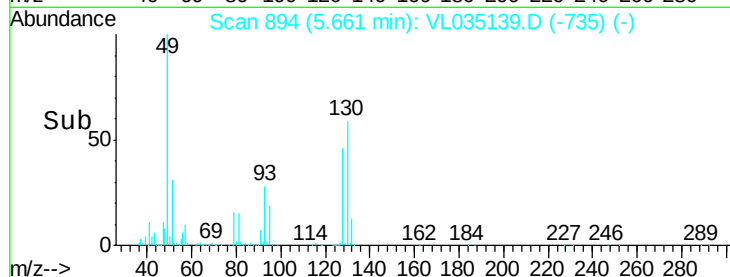
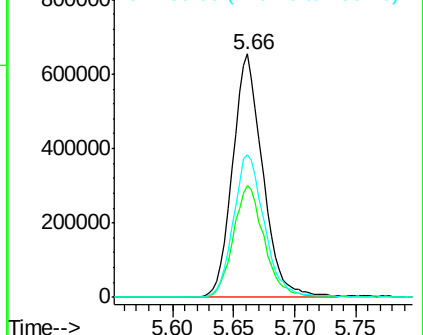
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#5

Vinyl Chloride

Concen: 0.185 ppbv

RT: 3.22 min Scan# 136

Delta R.T. 0.01 min

Lab File: VL035139.D

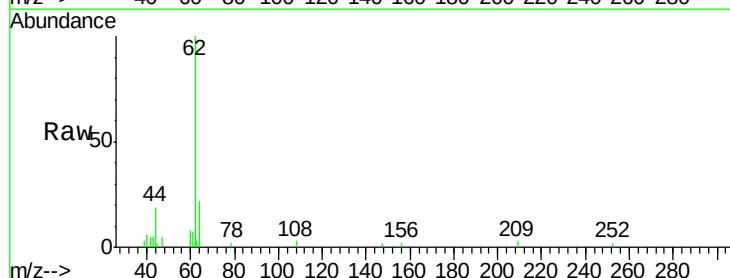
Acq: 1 Jul 2020 00:14

Tgt Ion: 62 Resp: 12281

Ion Ratio Lower Upper

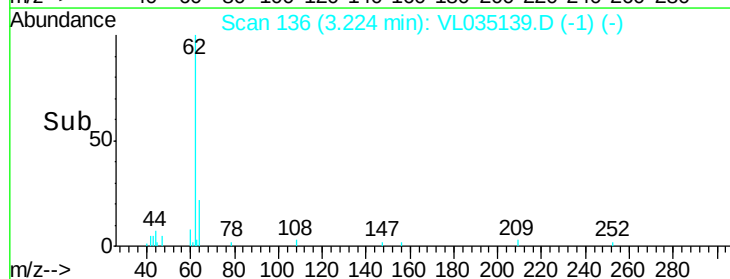
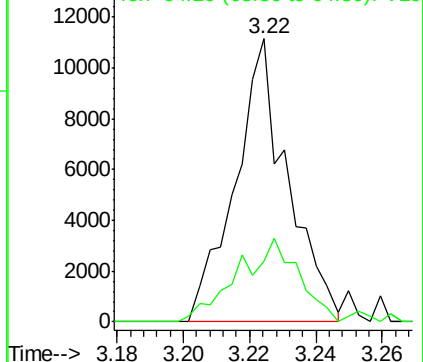
62 100

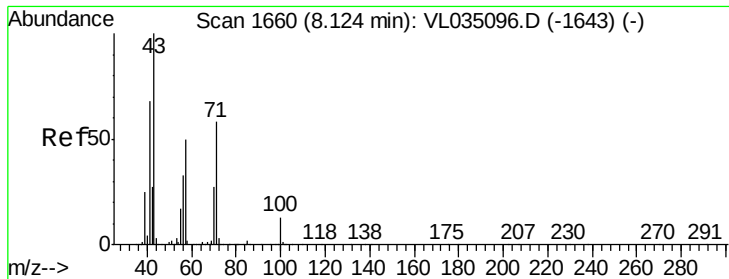
64 21.0 27.0 40.4#



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0





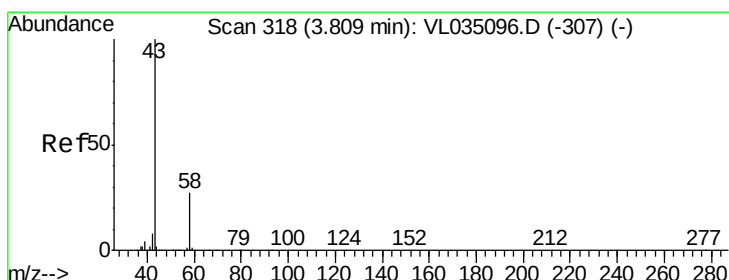
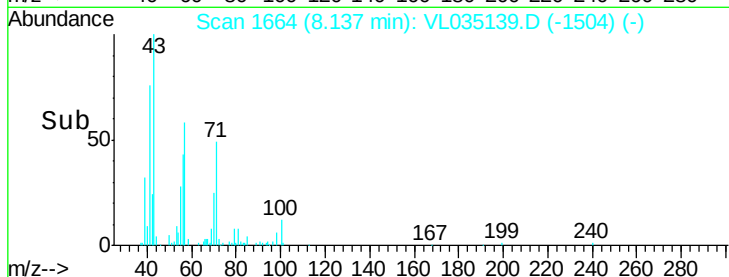
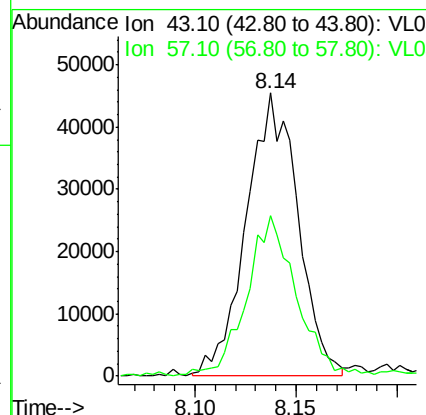
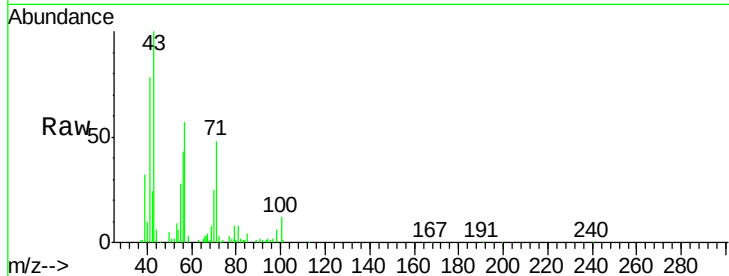
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Heptane
Concen: 0.631 ppbv m
RT: 8.14 min Scan# 1664
Delta R.T. 0.01 min
Lab File: VL035139.D
Acq: 1 Jul 2020 00:14

Instrument :
MSVOA_L
ClientSampleId :
QC062920 CAN 10661

Tot Ion: 43 Resp: 80411
Ion Ratio Lower Upper
43 100
57 0.0 41.9 62.9#

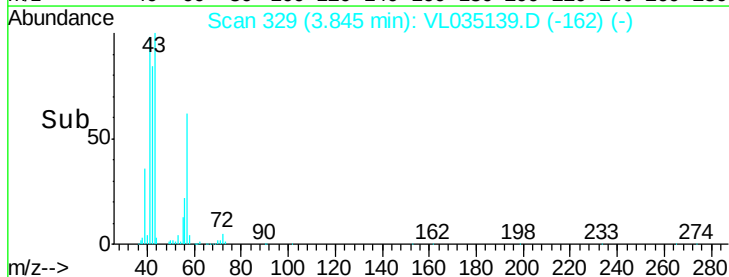
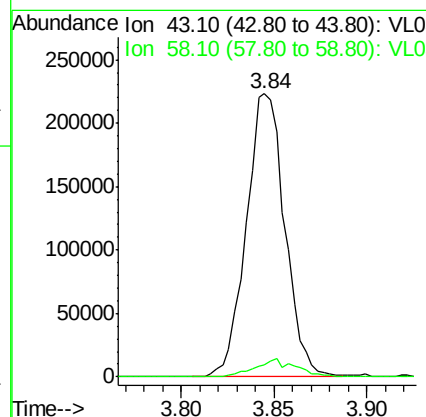
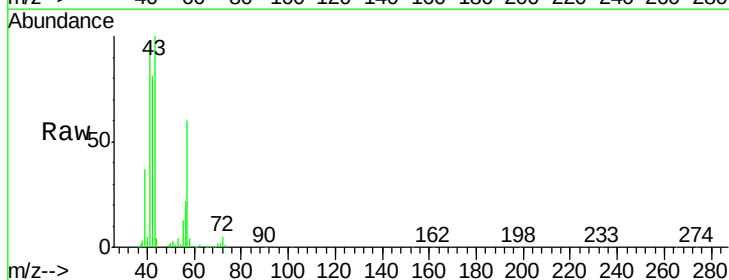
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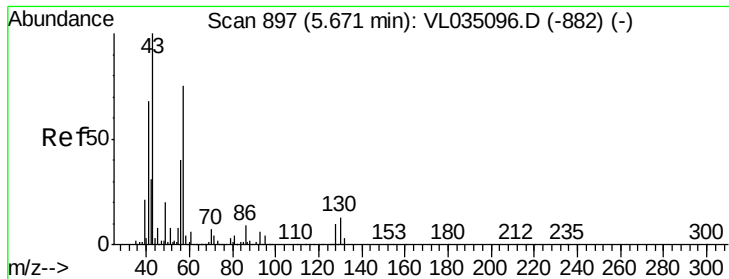
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#15
Acetone
Concen: 2.367 ppbv
RT: 3.84 min Scan# 329
Delta R.T. 0.04 min
Lab File: VL035139.D
Acq: 1 Jul 2020 00:14

Tgt Ion: 43 Resp: 321796
Ion Ratio Lower Upper
43 100
58 6.7 21.8 32.6#





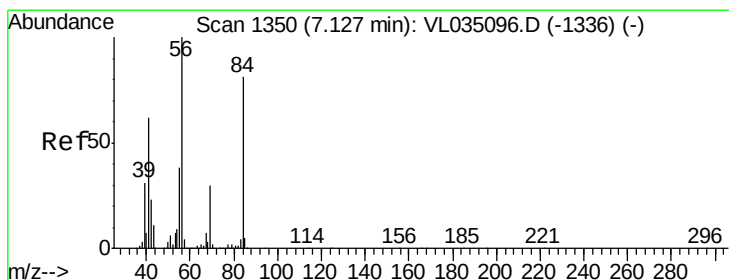
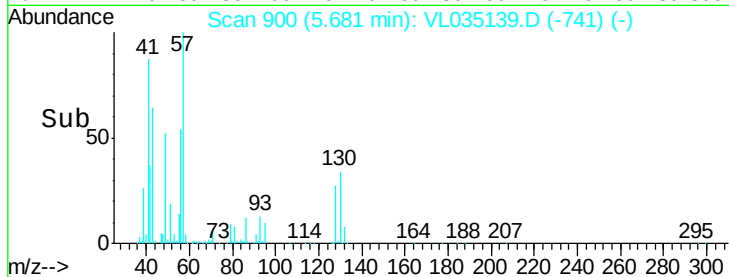
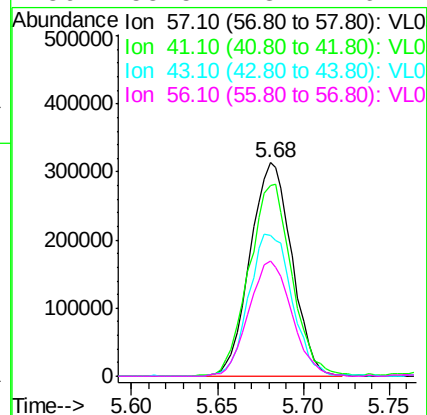
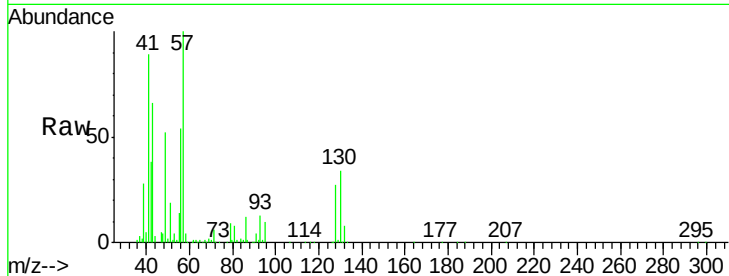
#26
Hexane
Concen: 4.767 ppbv
RT: 5.68 min Scan# 900
Delta R.T. 0.01 min
Lab File: VL035139.D
Acq: 1 Jul 2020 00:14

Instrument :
MSVOA_L
ClientSampleId :
QC062920 CAN 10661

Tot Ion	57	Resp	527224
Ion	Ratio	Lower	Upper
57	100		
41	93.3	72.9	109.3
43	69.3	181.3	271.9#
56	55.5	43.1	64.7

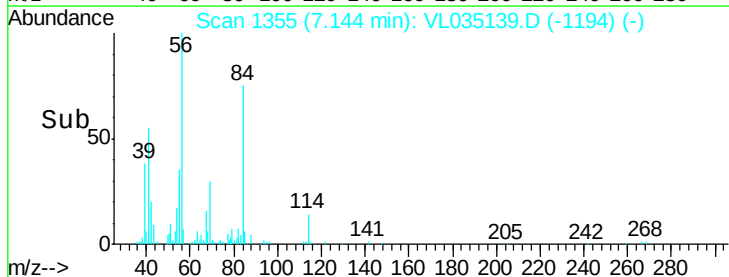
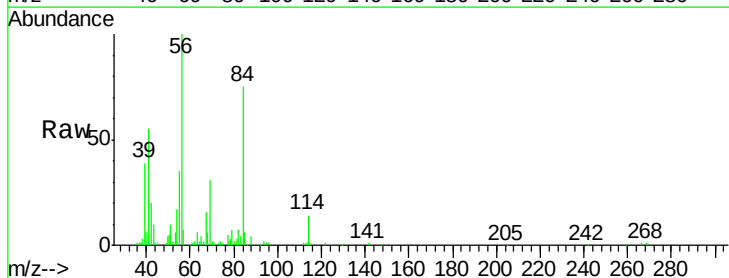
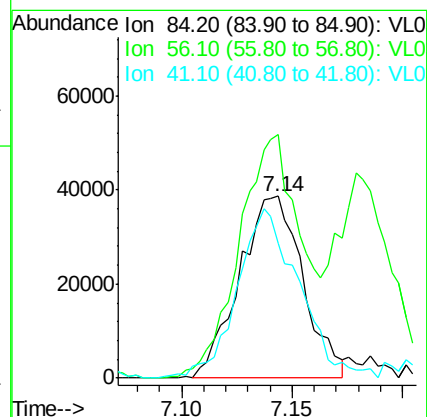
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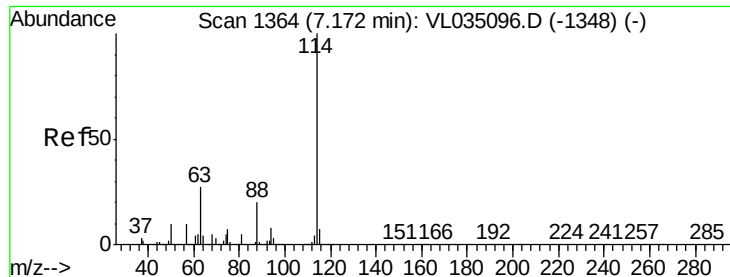
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#30
Cyclohexane
Concen: 0.968 ppbv
RT: 7.14 min Scan# 1355
Delta R.T. 0.02 min
Lab File: VL035139.D
Acq: 1 Jul 2020 00:14

Tgt Ion	84	Resp	76805
Ion	Ratio	Lower	Upper
84	100		
56	125.8	108.0	162.0
41	91.2	65.6	98.4





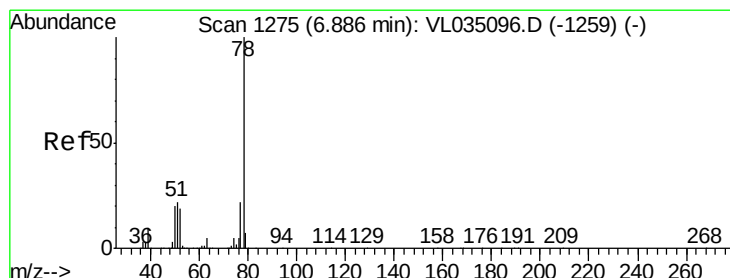
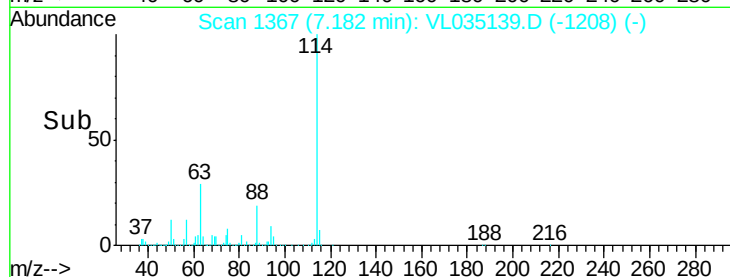
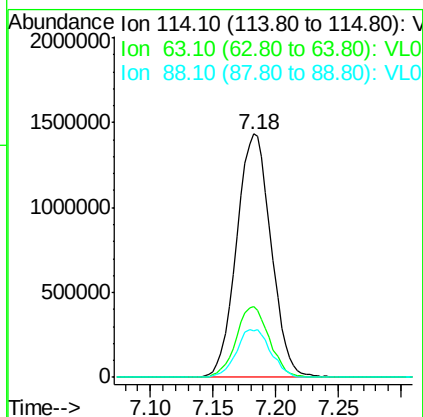
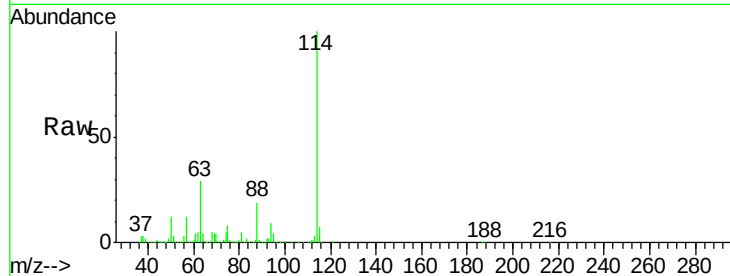
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min Scan# 1367
 Delta R.T. 0.01 min
 Lab File: VL035139.D
 Acq: 1 Jul 2020 00:14

Instrument :
 MSVOA_L
 ClientSampleId :
 QC062920 CAN 10661

Tot Ion	Ratio	Lower	Upper
114	100		
63	27.9	21.9	32.9
88	19.6	15.6	23.4

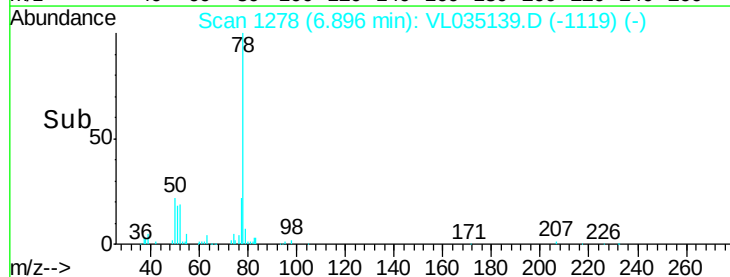
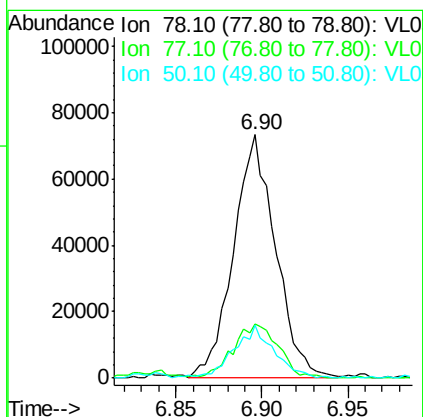
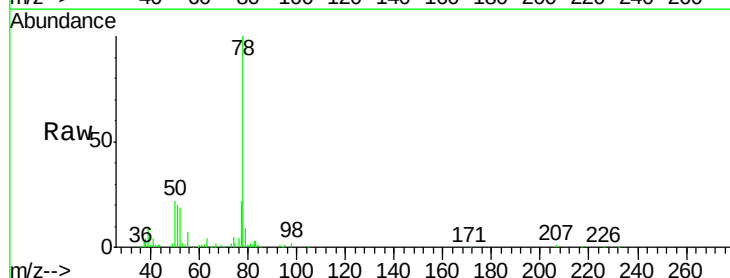
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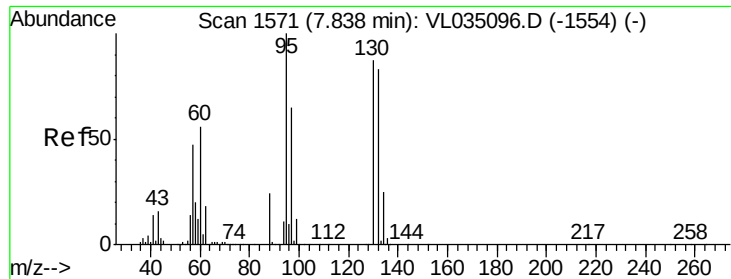
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#36
 Benzene
 Concen: 0.589 ppbv
 RT: 6.90 min Scan# 1278
 Delta R.T. 0.01 min
 Lab File: VL035139.D
 Acq: 1 Jul 2020 00:14

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.5	17.8	26.6
50	21.8	16.2	24.2





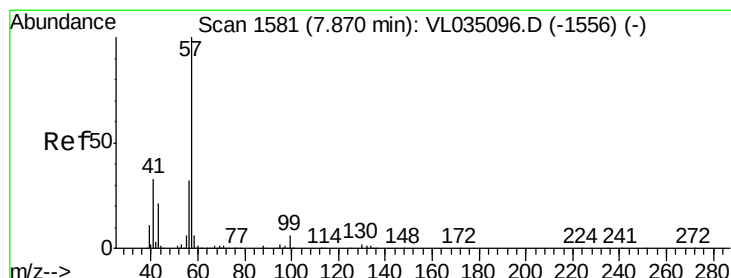
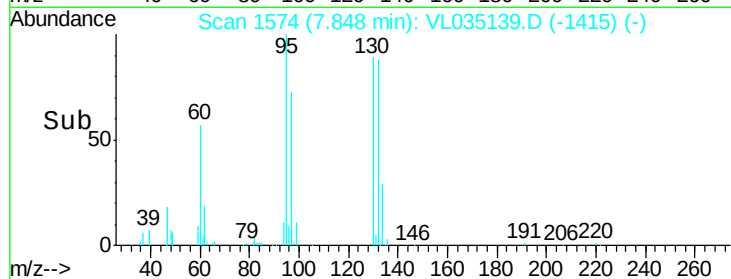
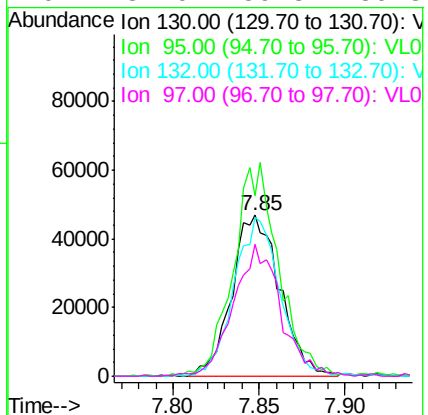
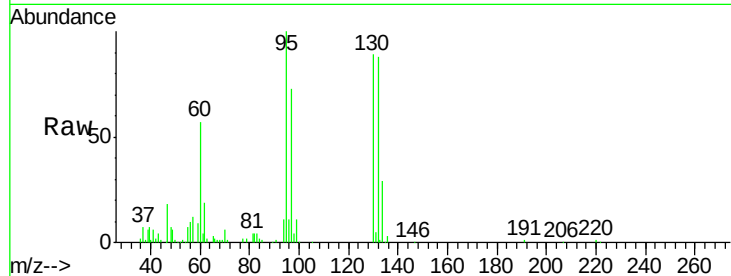
#38
 Trichloroethene
 Concen: 1.102 ppbv
 RT: 7.85 min Scan# 1574
 Delta R.T. 0.01 min
 Lab File: VL035139.D
 Acq: 1 Jul 2020 00:14

Instrument :
 MSVOA_L
 ClientSampleId :
 QC062920 CAN 10661

Tot Ion	Ratio	Lower	Upper
130	100		
95	111.1	91.4	137.2
132	98.3	75.8	113.6
97	81.0	59.8	89.8

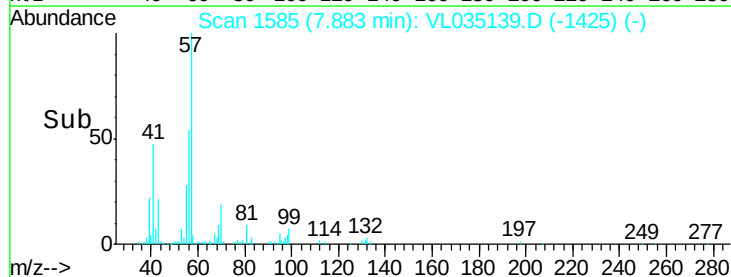
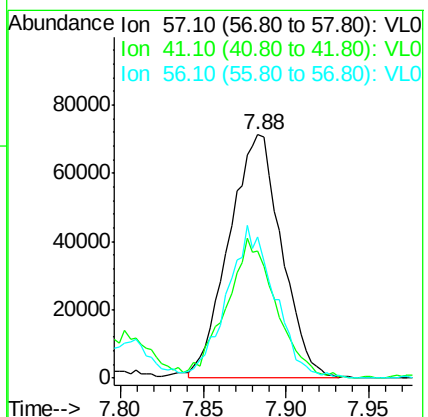
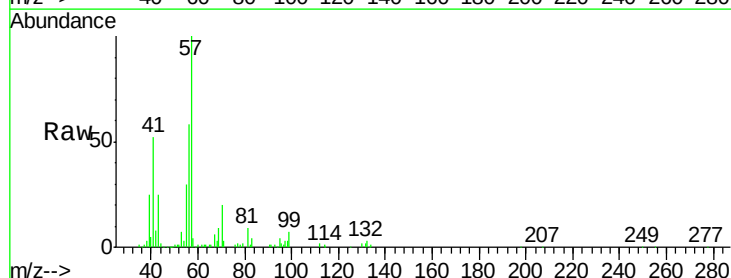
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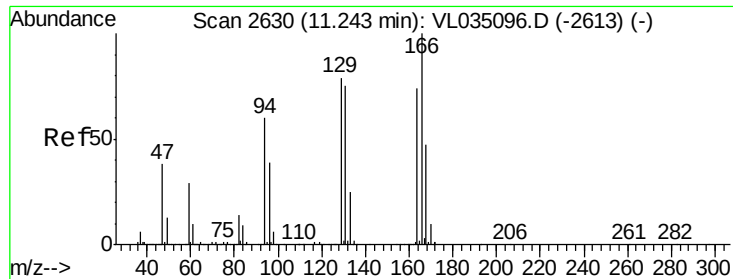
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#44
 2,2,4-Trimethylpentane
 Concen: 0.422 ppbv
 RT: 7.88 min Scan# 1585
 Delta R.T. 0.01 min
 Lab File: VL035139.D
 Acq: 1 Jul 2020 00:14

Tgt Ion	Ratio	Lower	Upper
57	100		
41	54.1	26.2	39.2#
56	57.4	25.4	38.2#





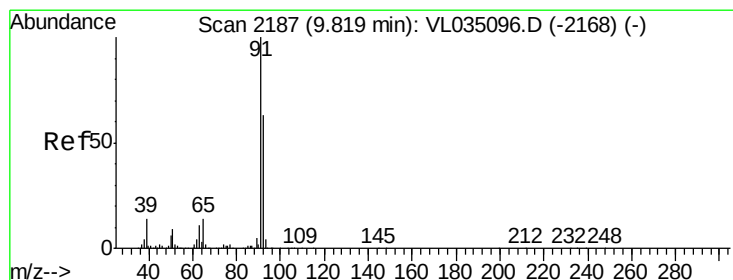
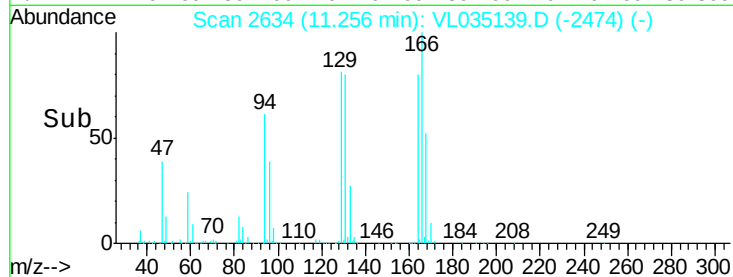
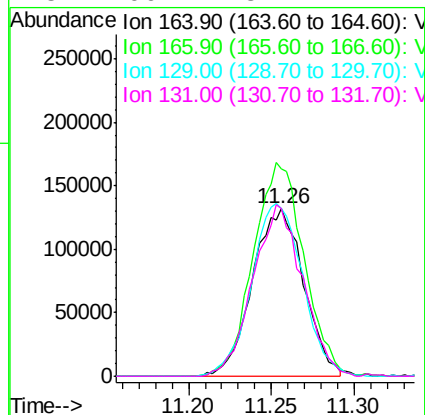
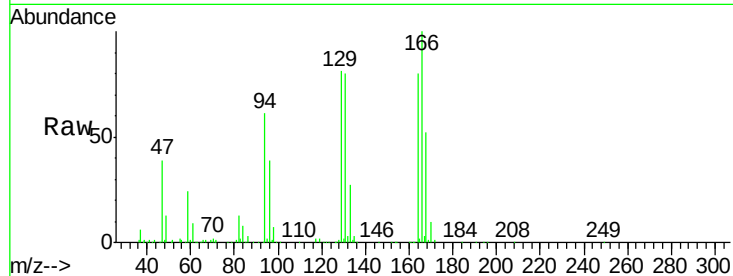
#52
Tetrachloroethene
Concen: 3.791 ppbv
RT: 11.26 min Scan# 2634
Delta R.T. 0.01 min
Lab File: VL035139.D
Acq: 1 Jul 2020 00:14

Instrument :
MSVOA_L
ClientSampleId :
QC062920 CAN 10661

Tot Ion	Ratio	Lower	Upper
164	100		
166	124.3	107.5	161.3
129	100.4	84.9	127.3
131	100.1	81.1	121.7

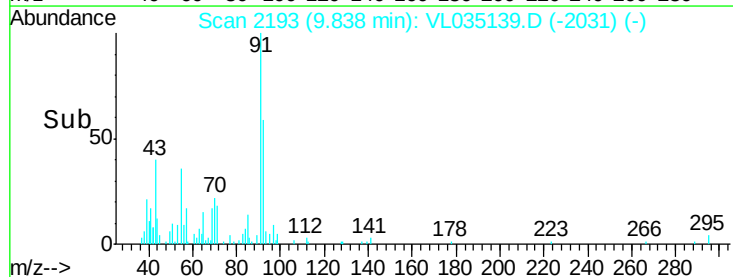
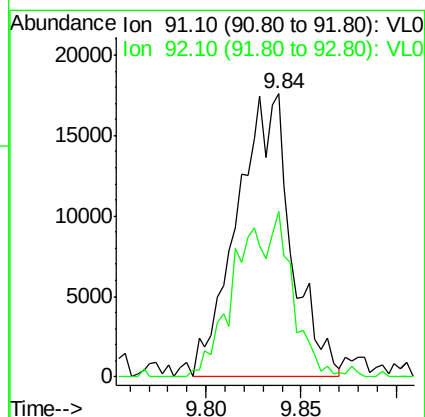
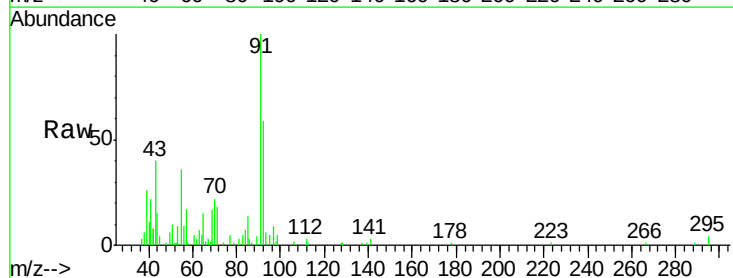
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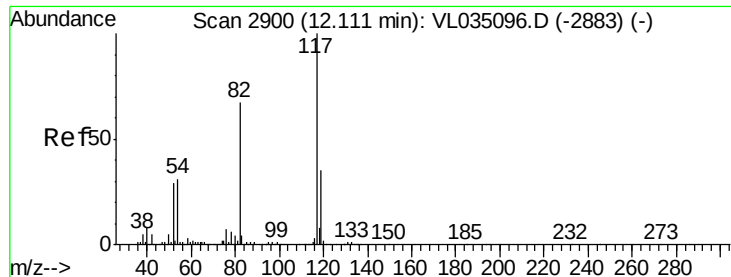
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7/2/2020 5:00:55 PM



#53
Toluene
Concen: 0.156 ppbv m
RT: 9.84 min Scan# 2193
Delta R.T. 0.02 min
Lab File: VL035139.D
Acq: 1 Jul 2020 00:14

Tgt Ion	Ratio	Lower	Upper
91	100		
92	2.1	49.0	73.6#





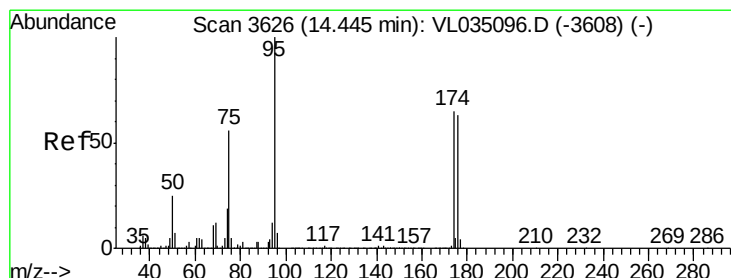
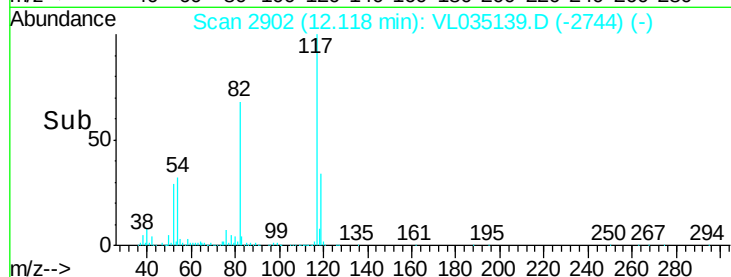
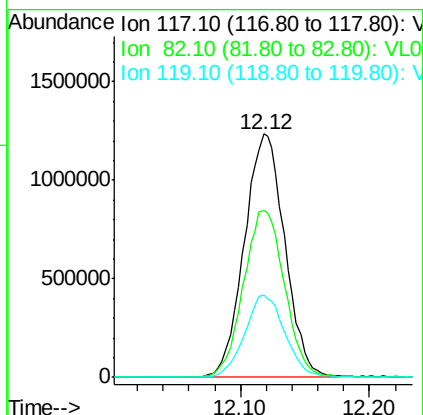
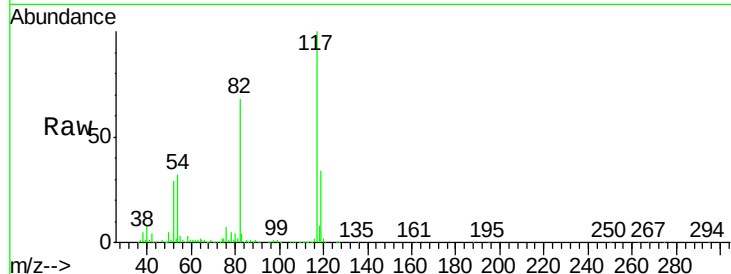
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.12 min Scan# 2902
Delta R.T. 0.01 min
Lab File: VL035139.D
Acq: 1 Jul 2020 00:14

Instrument :
MSVOA_L
ClientSampleId :
QC062920 CAN 10661

Tot Ion	Ratio	Lower	Upper
117	100		
82	69.9	50.4	75.6
119	33.6	25.4	38.0

Manual Integrations
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#68
1-Bromo-4-Fluorobenzene
Concen: 9.992 ppbv
RT: 14.46 min Scan# 3629
Delta R.T. 0.01 min
Lab File: VL035139.D
Acq: 1 Jul 2020 00:14

Tgt Ion	Ratio	Lower	Upper
95	100		
174	65.3	52.2	78.2
175	4.8	4.0	6.0

