

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL091020\
 Data File : VL035585.D
 Acq On : 10 Sep 2020 15:51
 Operator : SY/AP
 Sample : OC090320 CAN 10439
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC090320 CAN 10439

Quant Time: Sep 11 08:13:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL082720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Aug 27 06:46:28 2020
 QLast Update : Thu Aug 27 06:46:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1075714	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.17	114	4387997	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.09	117	4436906	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	3287459	10.43	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.30%

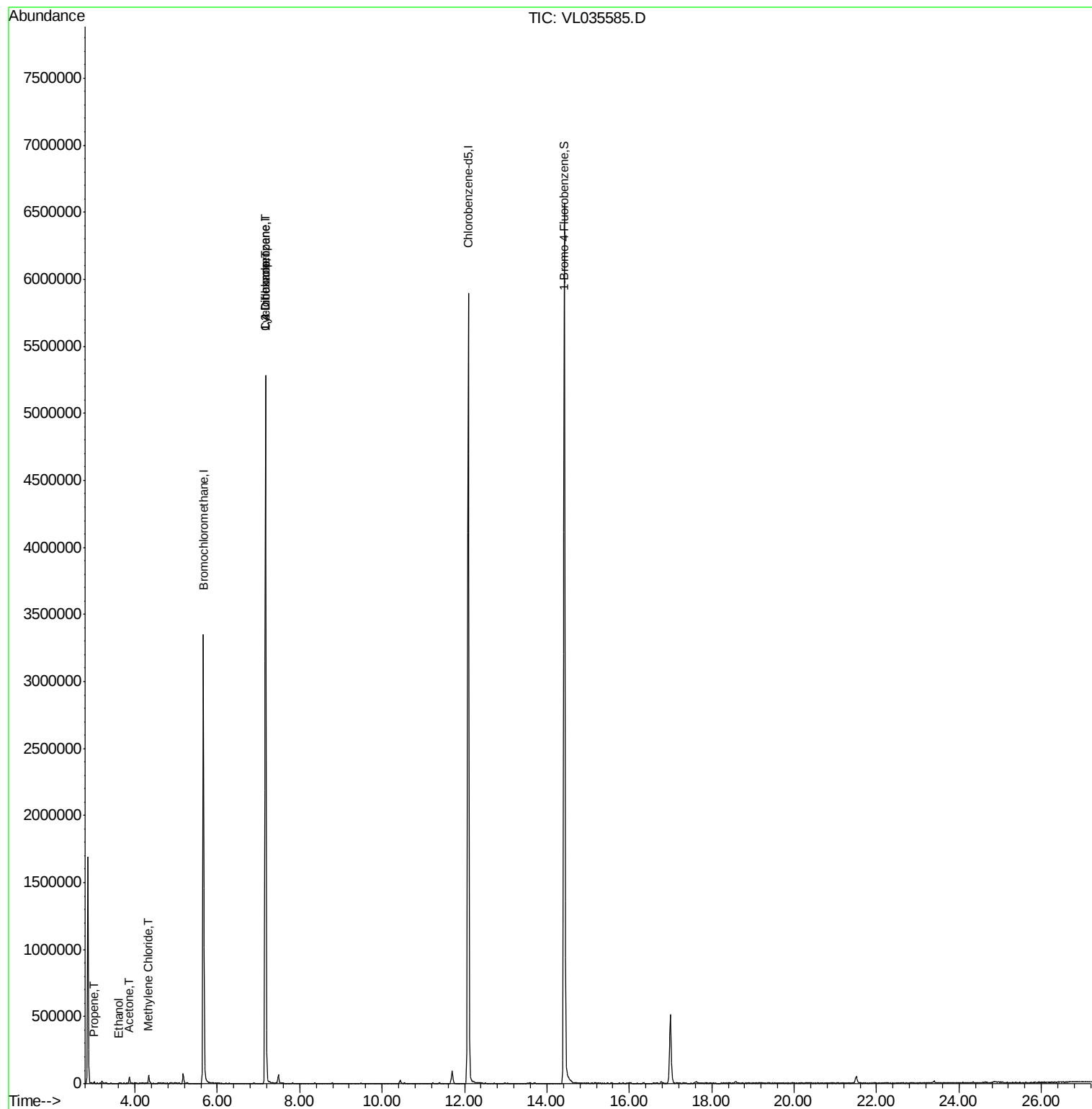
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.01	41	3653	0.080	ppbv	89
13) Ethanol	3.61	45	495	0.044	ppbv #	37
15) Acetone	3.86	43	31396	0.265	ppbv #	29
20) Methylene Chloride	4.34	84	26285	0.297	ppbv	96
30) Cyclohexane	7.16	84	4780	0.038	ppbv #	9
39) 1,2-Dichloropropane	7.17	63	826160	8.610	ppbv #	32

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

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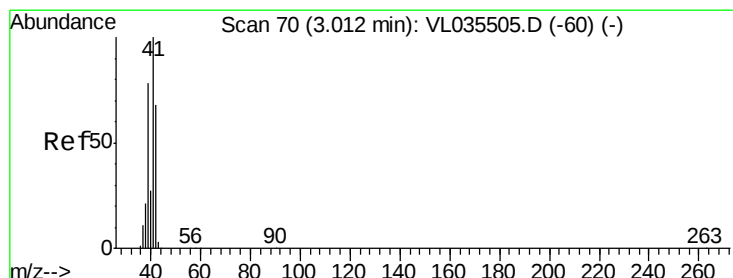
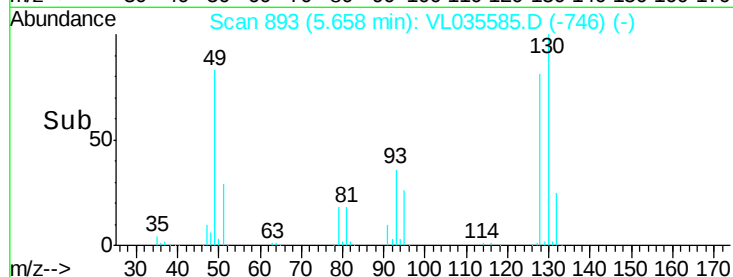
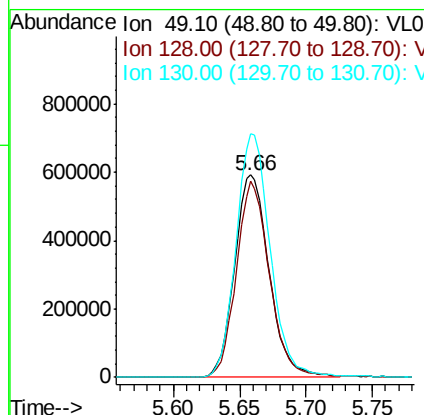
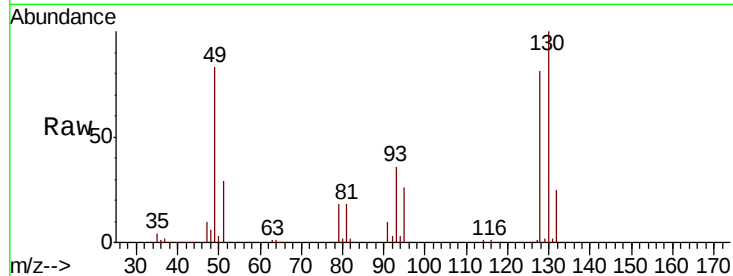




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.66 min Scan# 893
 Delta R.T. -0.03 min
 Lab File: VL035585.D
 Acq: 10 Sep 2020 15:51

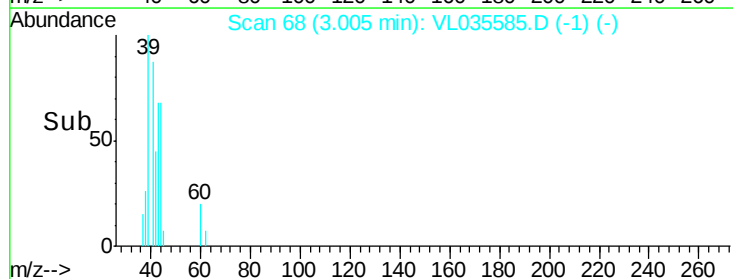
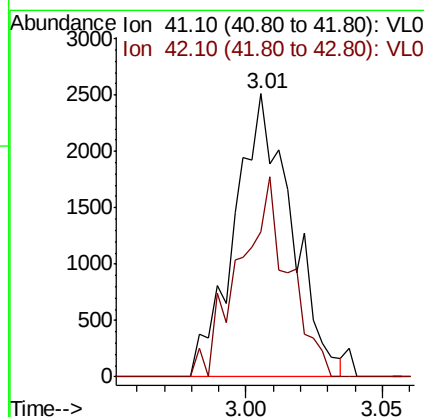
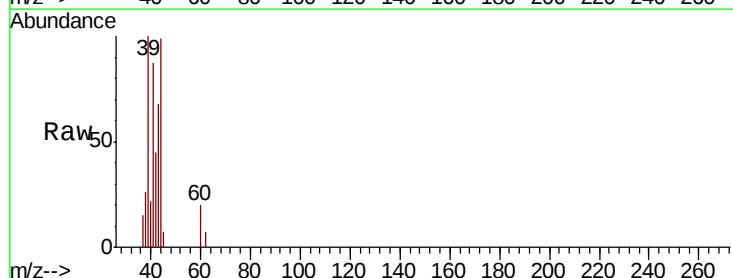
Instrument :
 MSVOA_L
 ClientSampleId :
 QC090320 CAN 10439

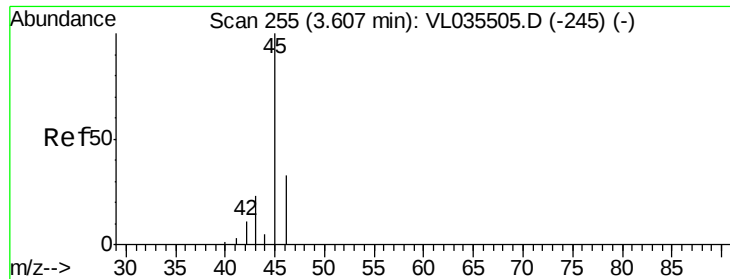
Tot Ion: 49 Resp: 1075714
 Ion Ratio Lower Upper
 49 100
 128 93.9 50.0 150.1
 130 120.3 64.4 193.2



#9
 Propene
 Concen: 0.080 ppbv
 RT: 3.01 min Scan# 68
 Delta R.T. -0.01 min
 Lab File: VL035585.D
 Acq: 10 Sep 2020 15:51

Tgt Ion: 41 Resp: 3653
 Ion Ratio Lower Upper
 41 100
 42 61.2 56.3 84.5

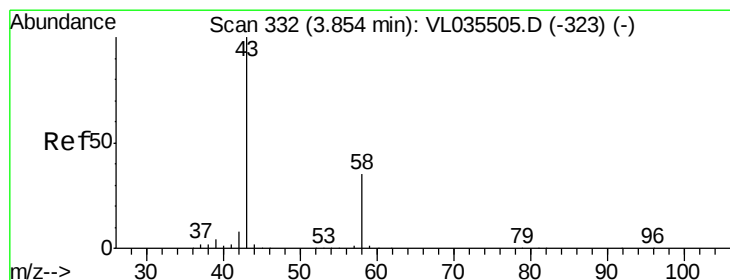
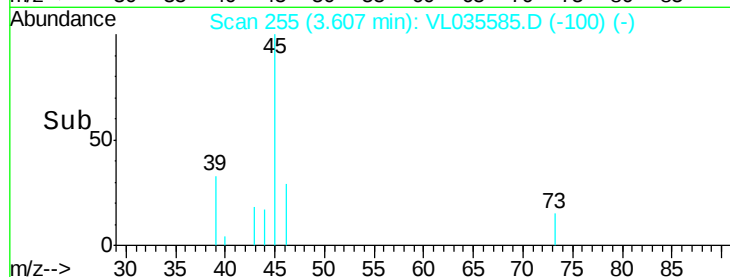
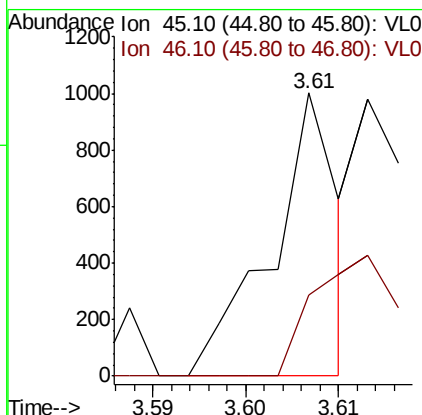
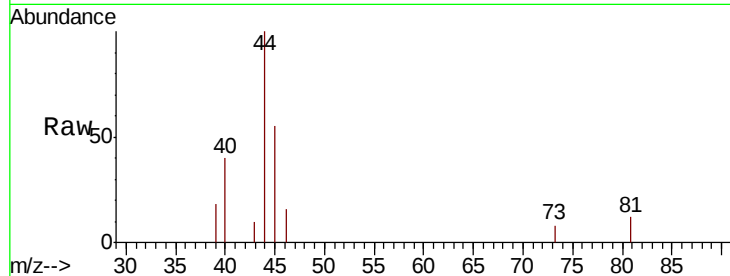




#13
Ethanol
Concen: 0.044 ppbv
RT: 3.61 min Scan# 255
Delta R.T. -0.00 min
Lab File: VL035585.D
Acq: 10 Sep 2020 15:51

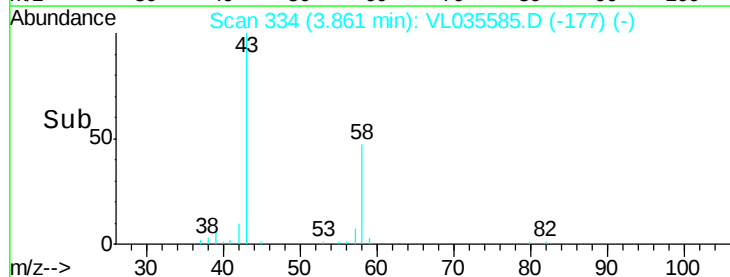
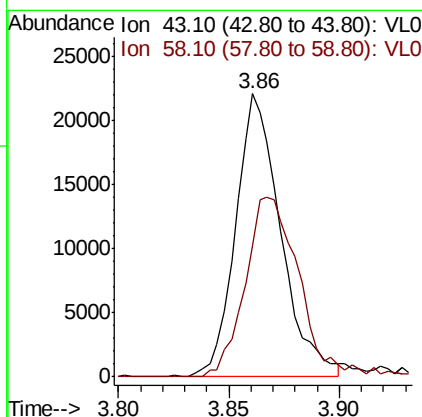
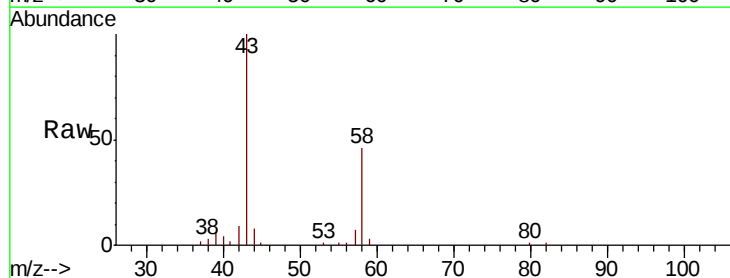
Instrument :
MSVOA_L
ClientSampleId :
QC090320 CAN 10439

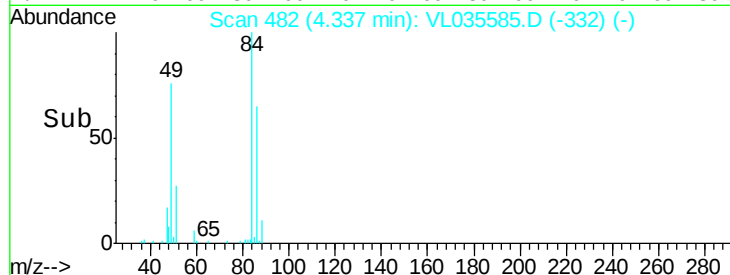
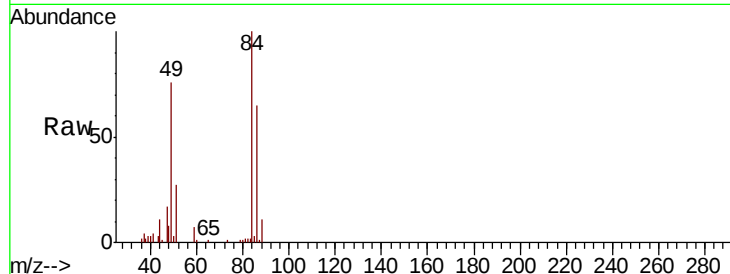
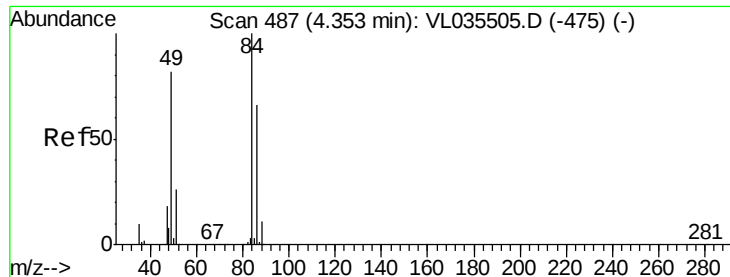
Tot Ion: 45 Resp: 495
Ion Ratio Lower Upper
45 100
46 0.0 15.2 60.6#



#15
Acetone
Concen: 0.265 ppbv
RT: 3.86 min Scan# 334
Delta R.T. 0.01 min
Lab File: VL035585.D
Acq: 10 Sep 2020 15:51

Tgt Ion: 43 Resp: 31396
Ion Ratio Lower Upper
43 100
58 76.8 28.4 42.6#

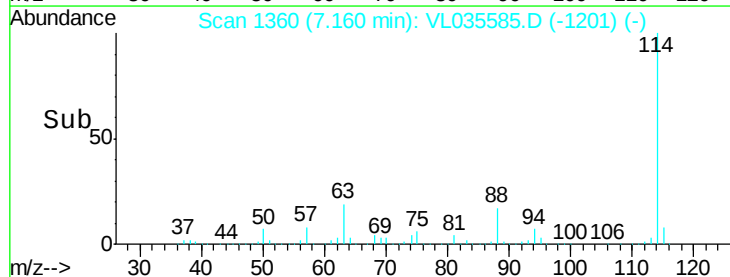
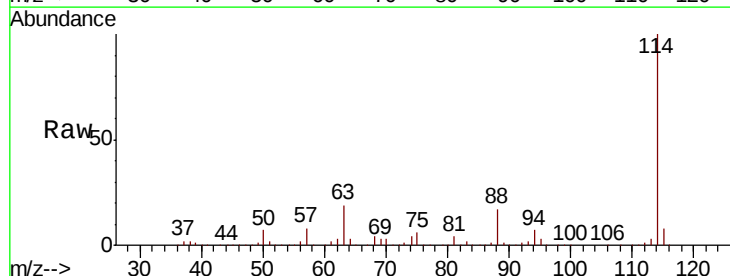
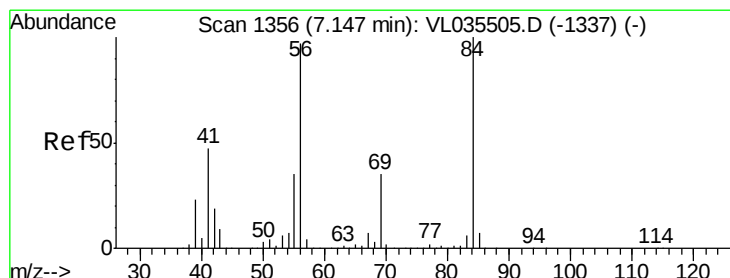
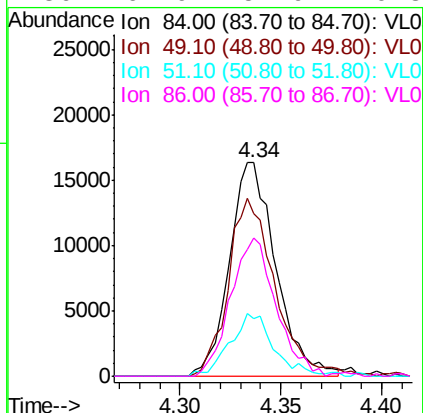




#20
Methvlene Chloride
Concen: 0.297 ppbv
RT: 4.34 min Scan# 482
Delta R.T. -0.02 min
Lab File: VL035585.D
Acq: 10 Sep 2020 15:51

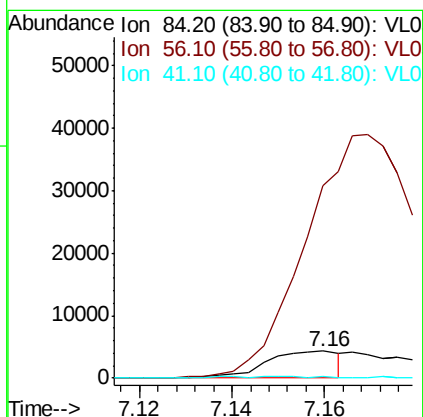
Instrument :
MSVOA_L
ClientSampleId :
QC090320 CAN 10439

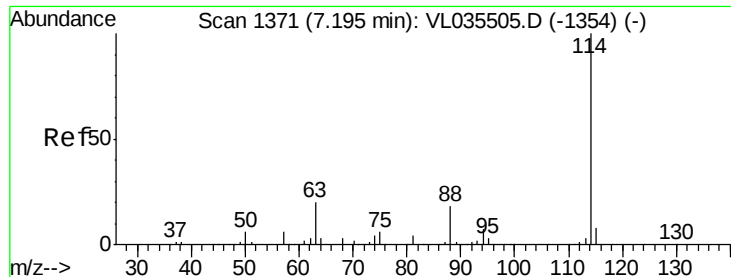
Tot Ion:	84	Resp:	26285
Ion	Ratio	Lower	Upper
84	100		
49	76.1	65.4	98.0
51	27.2	21.5	32.3
86	64.9	52.9	79.3



#30
Cyclohexane
Concen: 0.038 ppbv
RT: 7.16 min Scan# 1360
Delta R.T. 0.01 min
Lab File: VL035585.D
Acq: 10 Sep 2020 15:51

Tgt Ion:	84	Resp:	4780
Ion	Ratio	Lower	Upper
84	100		
56	0.0	80.1	120.1#
41	0.0	38.1	57.1#

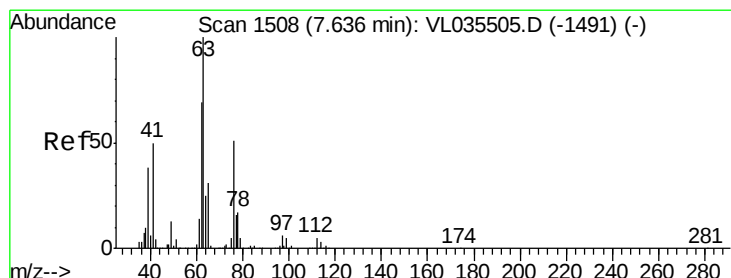
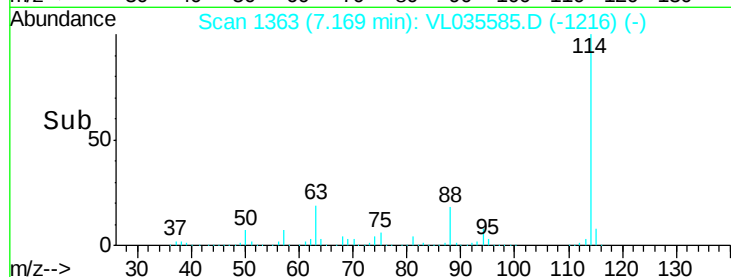
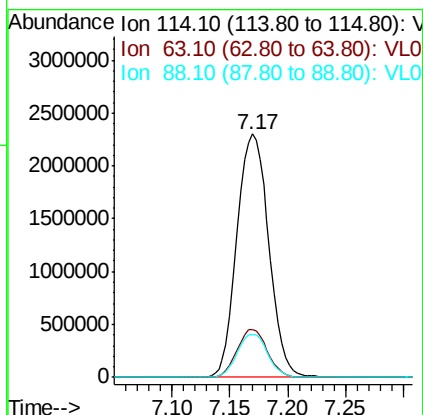
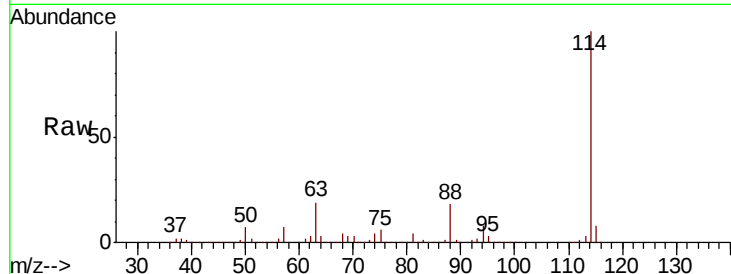




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1363
 Delta R.T. -0.03 min
 Lab File: VL035585.D
 Acq: 10 Sep 2020 15:51

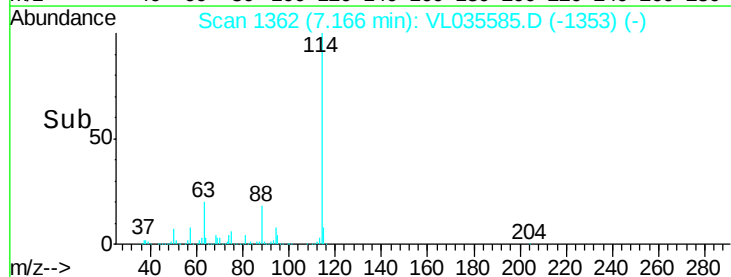
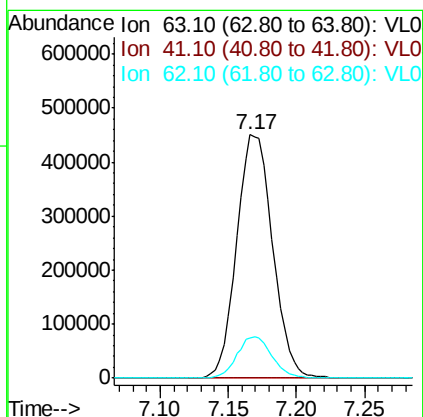
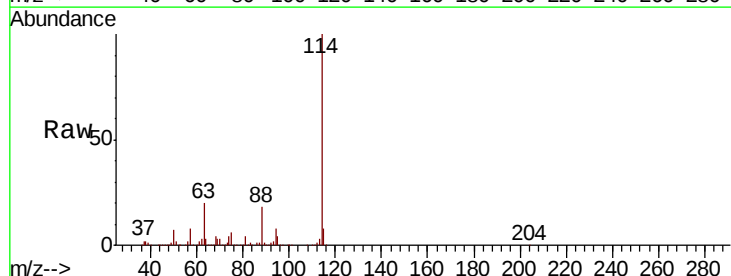
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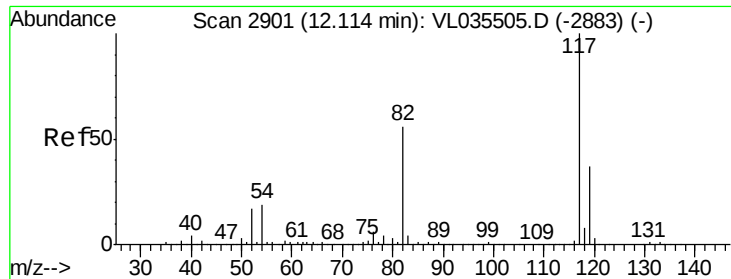
Tot Ion:114 Resp: 4387997
 Ion Ratio Lower Upper
 114 100
 63 18.9 14.7 22.1
 88 17.0 13.4 20.2



#39
 1,2-Dichloropropane
 Concen: 8.610 ppbv
 RT: 7.17 min Scan# 1362
 Delta R.T. -0.47 min
 Lab File: VL035585.D
 Acq: 10 Sep 2020 15:51

Tgt Ion: 63 Resp: 826160
 Ion Ratio Lower Upper
 63 100
 41 0.0 40.0 60.0#
 62 16.6 55.4 83.0#

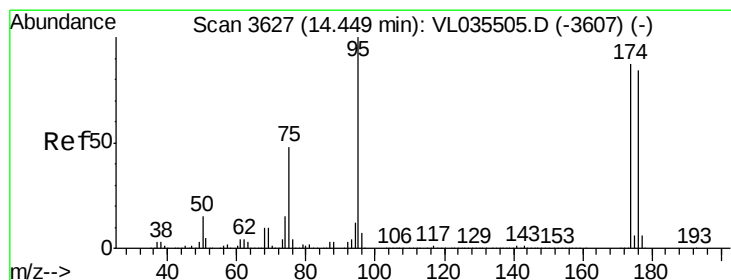
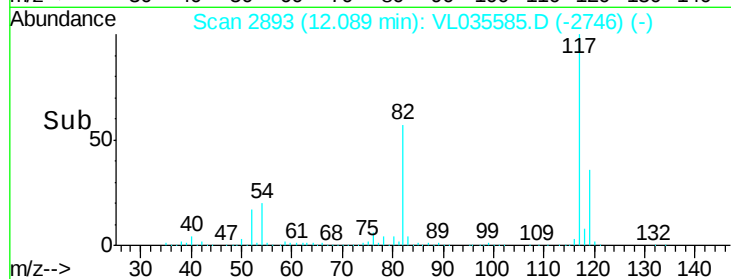
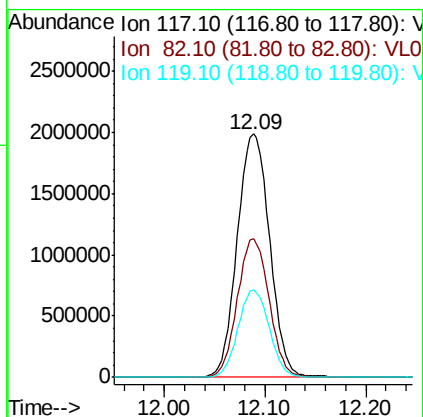
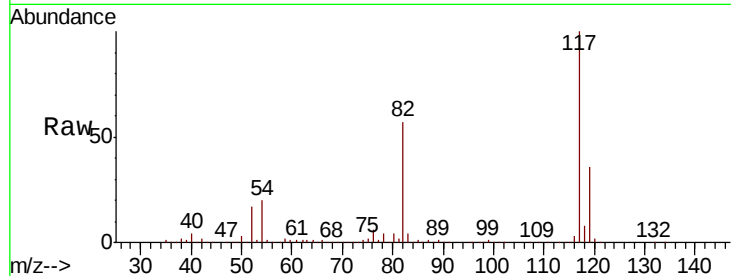




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2893
Delta R.T. -0.03 min
Lab File: VL035585.D
Acq: 10 Sep 2020 15:51

Instrument :
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ClientSampleId :
QC090320 CAN 10439

Tot Ion:117 Resp: 4436906
Ion Ratio Lower Upper
117 100
82 55.9 41.6 62.4
119 34.8 29.3 43.9



#68
1-Bromo-4-Fluorobenzene
Concen: 10.434 ppbv
RT: 14.42 min Scan# 3619
Delta R.T. -0.03 min
Lab File: VL035585.D
Acq: 10 Sep 2020 15:51

Tgt Ion: 95 Resp: 3287459
Ion Ratio Lower Upper
95 100
174 83.4 69.6 104.4
175 6.0 5.1 7.7

