

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL031921\
 Data File : VL036453.D
 Acq On : 19 Mar 2021 18:28
 Operator :
 Sample : OC030821 CAN 10725
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC030821 CAN 10725

Manual Integrations
 APPROVED

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Quant Time: Mar 20 00:56:04 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL030321AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Mar 0
 QLast Update : Wed Mar 03 14:18:24 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1618521	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.15	114	3650203	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.06	117	3305853	10.00	ppbv	-0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	2783626	10.24	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.61	45	16933m	1.323	ppbv	
15) Acetone	3.85	43	80162m	0.433	ppbv	
20) Methylene Chloride	4.33	84	130683	2.096	ppbv	97
26) Hexane	5.67	57	64865	0.441	ppbv #	34
52) Tetrachloroethene	11.21	164	7951m	0.075	ppbv	

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

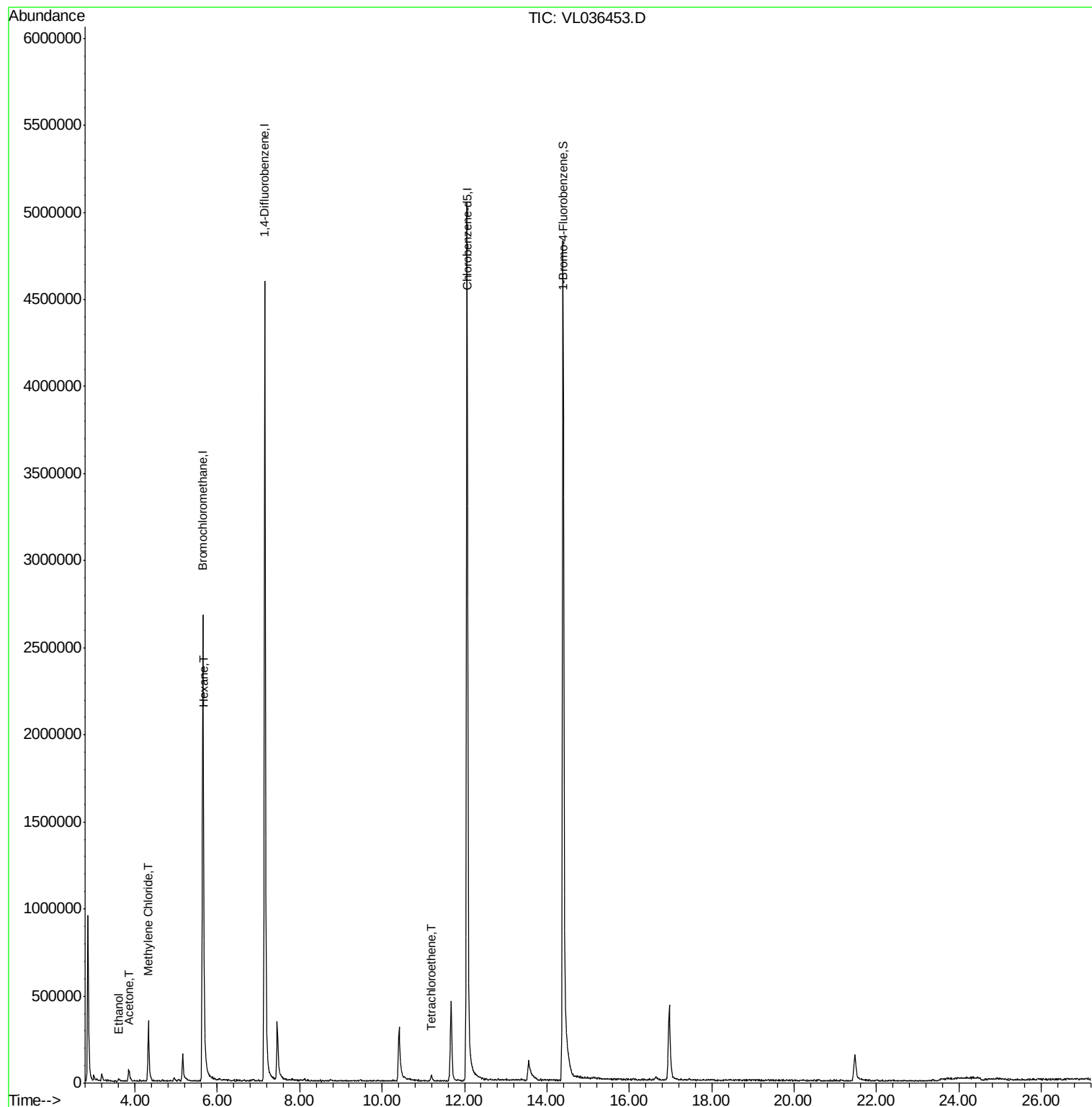
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Data File : VL036453.D
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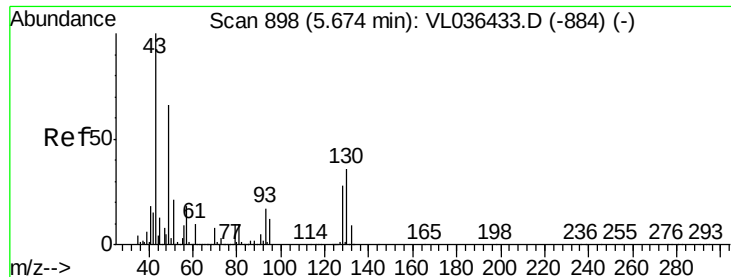
Instrument :
MSVOA_L
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QC030821 CAN 10725

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Quant Time: Mar 20 00:56:04 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL030321AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Mar
QLast Update : Wed Mar 03 14:18:24 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 889

Delta R.T. -0.03 min

Lab File: VL036453.D

Acq: 19 Mar 2021 18:28

Instrument :

MSVOA_L

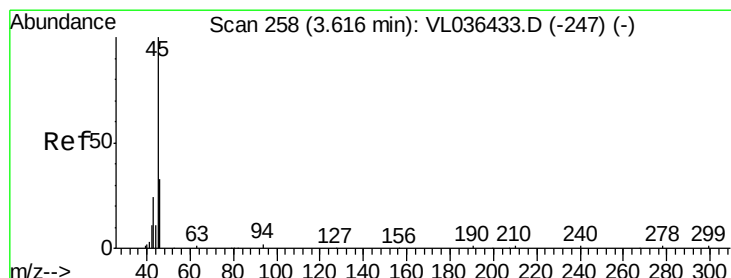
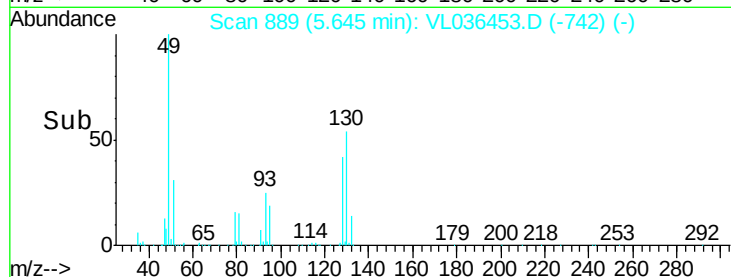
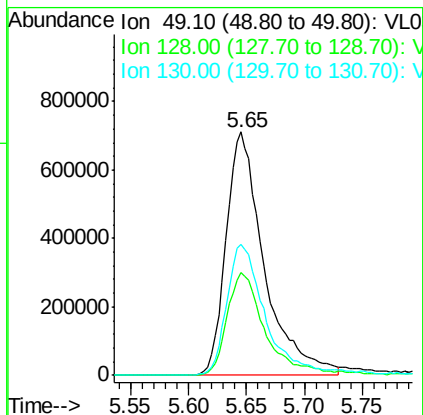
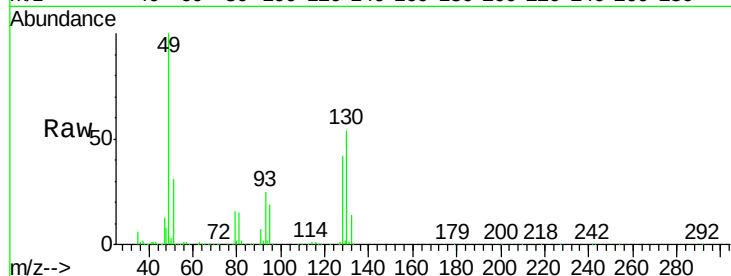
ClientSampleId :

QC030821 CAN 10725

Tot Ion:	49	Resp:	1618521
Ion	Ratio	Lower	Upper
49	100		
128	42.9	22.4	67.2
130	56.2	28.0	84.0

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#13

Ethanol

Concen: 1.323 ppbv m

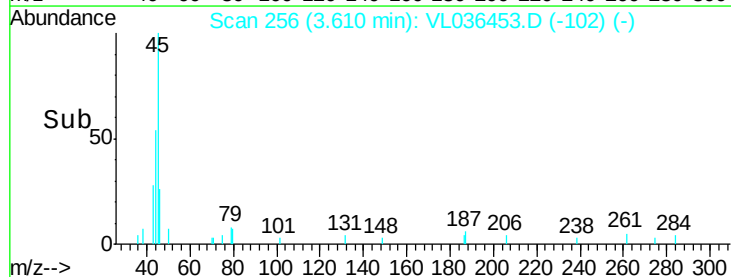
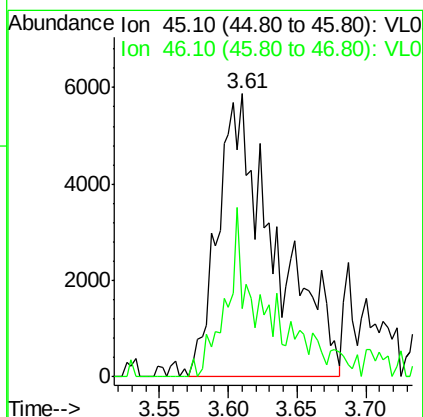
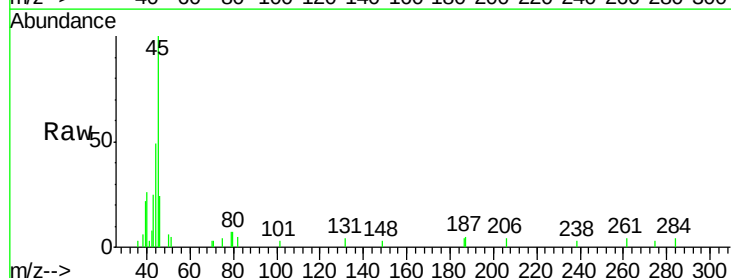
RT: 3.61 min Scan# 256

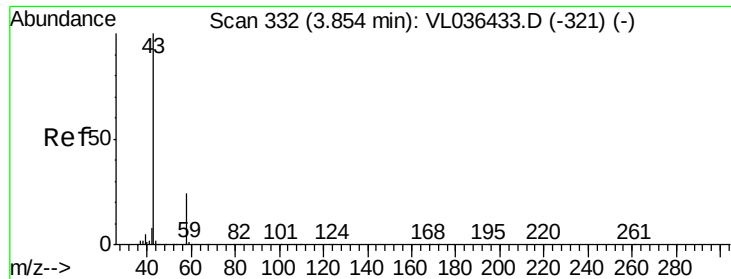
Delta R.T. -0.01 min

Lab File: VL036453.D

Acq: 19 Mar 2021 18:28

Tgt Ion:	45	Resp:	16933
Ion	Ratio	Lower	Upper
45	100		
46	0.0	16.8	67.4#





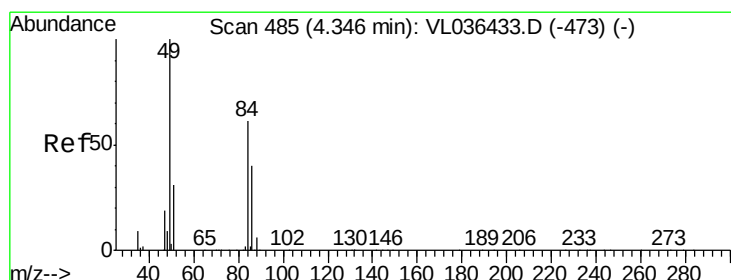
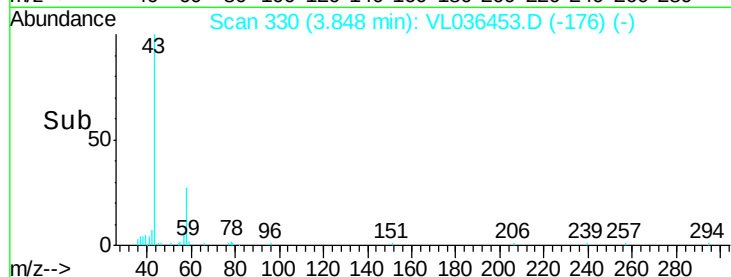
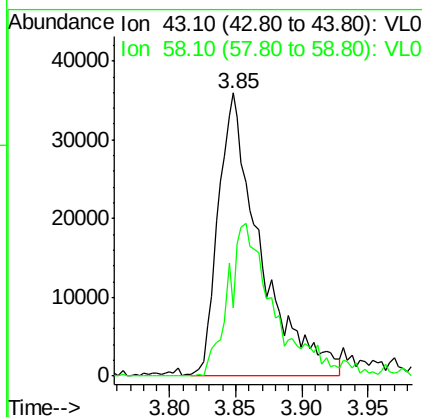
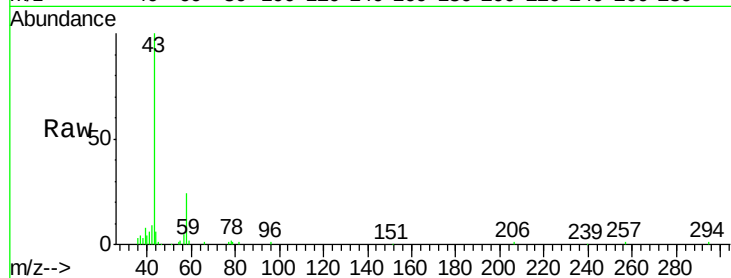
#15
Acetone
Concen: 0.433 ppbv m
RT: 3.85 min Scan# 330
Delta R.T. -0.01 min
Lab File: VL036453.D
Acq: 19 Mar 2021 18:28

Instrument :
MSVOA_L
ClientSampleId :
QC030821 CAN 10725

Tot Ion: 43 Resp: 80162
Ion Ratio Lower Upper
43 100
58 59.1 21.0 31.6#

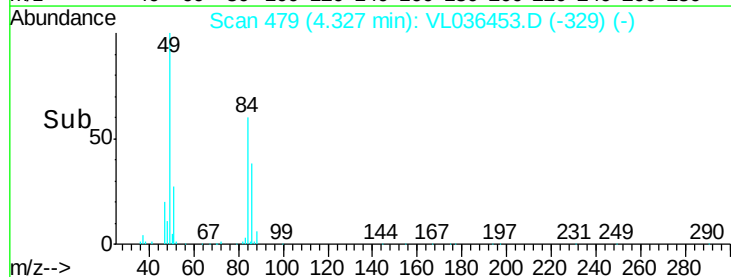
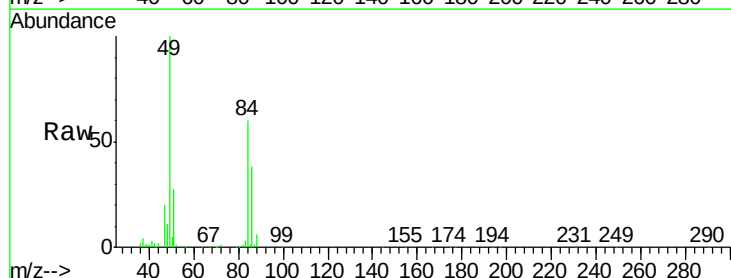
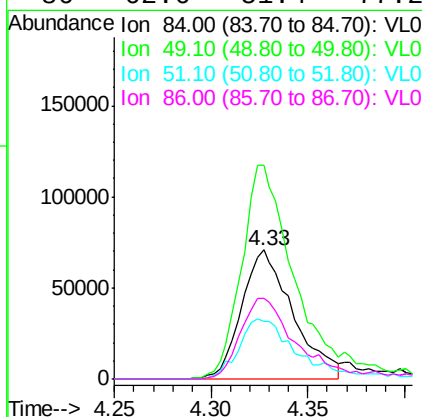
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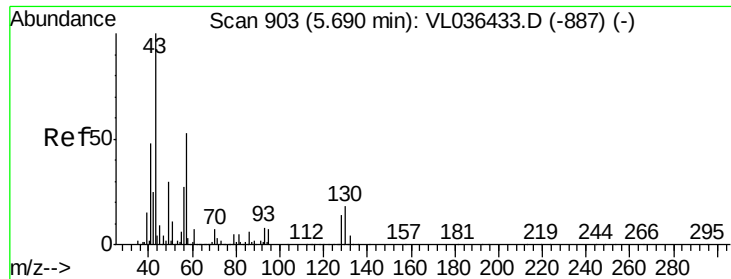
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#20
Methylene Chloride
Concen: 2.096 ppbv
RT: 4.33 min Scan# 479
Delta R.T. -0.02 min
Lab File: VL036453.D
Acq: 19 Mar 2021 18:28

Tgt Ion: 84 Resp: 130683
Ion Ratio Lower Upper
84 100
49 165.4 130.2 195.2
51 44.9 40.5 60.7
86 62.6 51.4 77.2





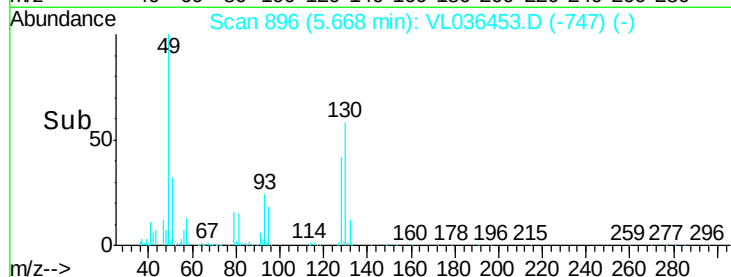
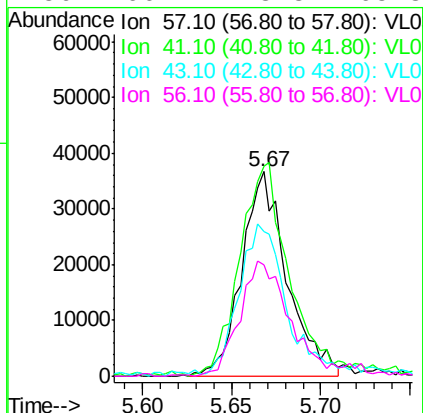
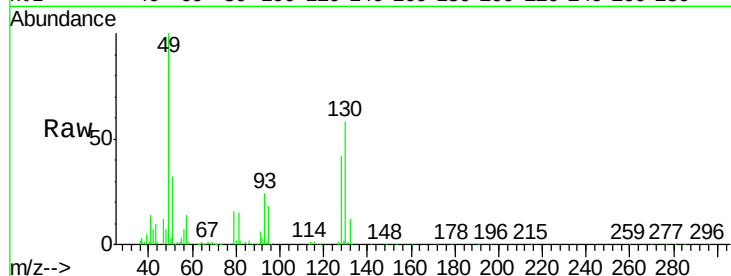
#26
Hexane
Concen: 0.441 ppbv
RT: 5.67 min Scan# 896
Delta R.T. -0.02 min
Lab File: VL036453.D
Acq: 19 Mar 2021 18:28

Instrument :
MSVOA_L
ClientSampleId :
QC030821 CAN 10725

Tot Ion	Ratio	Lower	Upper
57	100		
41	118.7	80.4	120.6
43	81.1	199.8	299.6#
56	66.2	43.8	65.8#

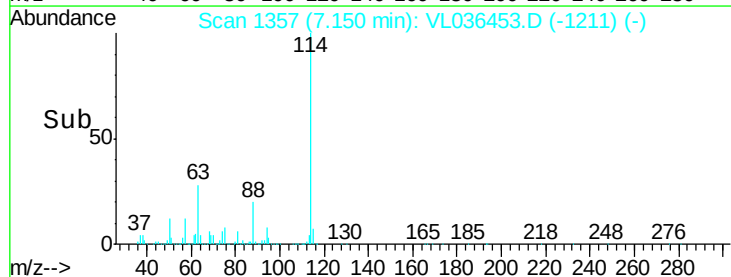
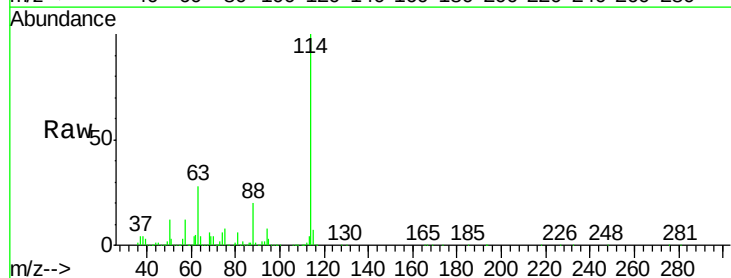
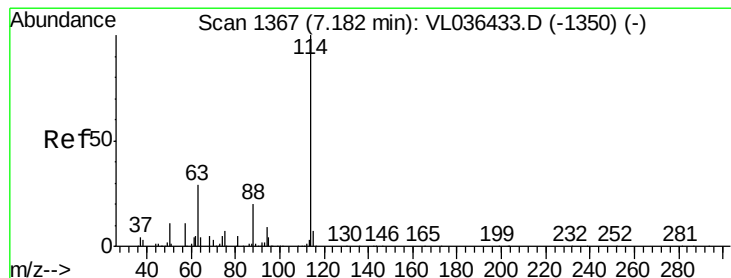
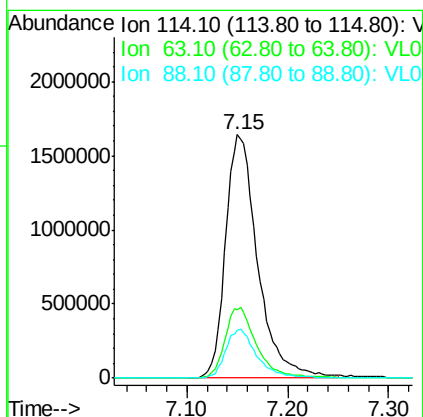
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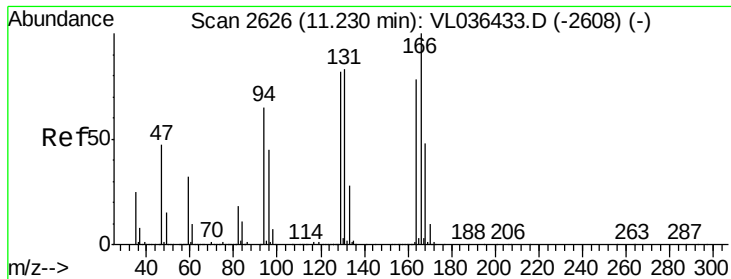
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.15 min Scan# 1357
Delta R.T. -0.03 min
Lab File: VL036453.D
Acq: 19 Mar 2021 18:28

Tgt Ion	Ratio	Lower	Upper
114	100		
63	29.0	23.3	34.9
88	19.7	15.6	23.4





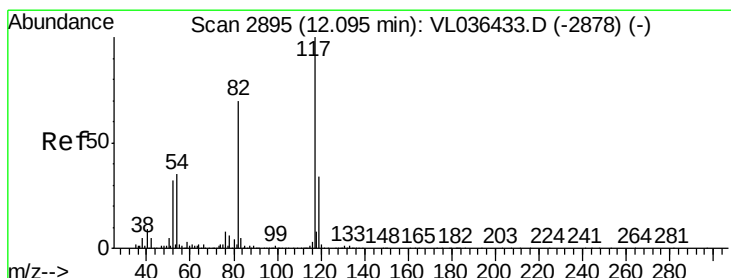
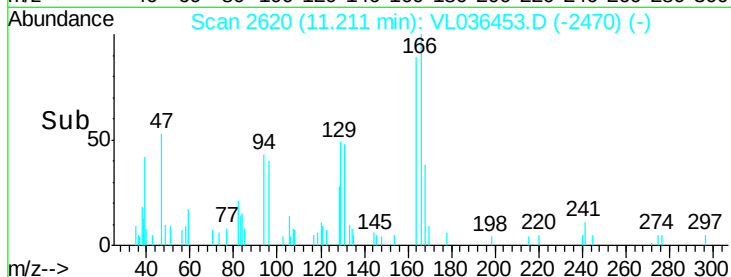
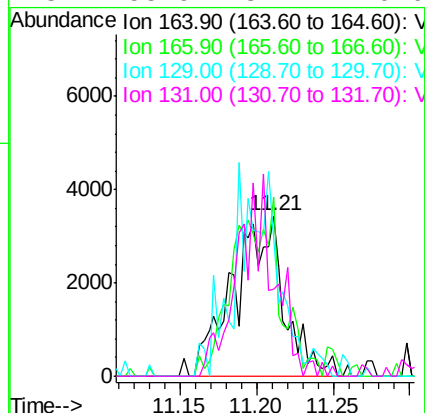
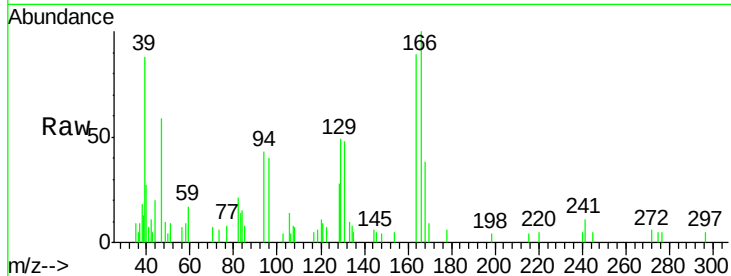
#52
Tetrachloroethene
Concen: 0.075 ppbv m
RT: 11.21 min Scan# 2620
Delta R.T. -0.02 min
Lab File: VL036453.D
Acq: 19 Mar 2021 18:28

Instrument :
MSVOA_L
ClientSampleId :
QC030821 CAN 10725

Tot Ion	Ratio	Lower	Upper
164	100		
166	111.7	102.0	153.0
129	54.7	83.3	124.9#
131	53.9	84.4	126.6#

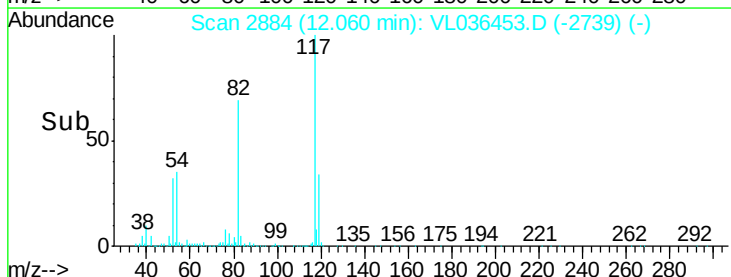
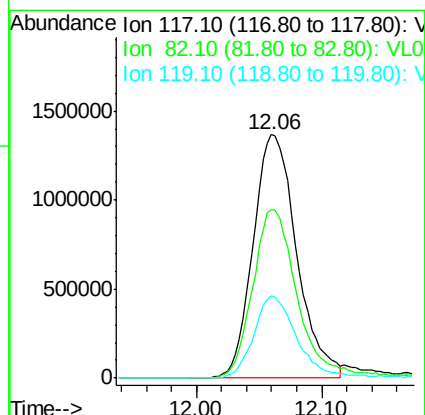
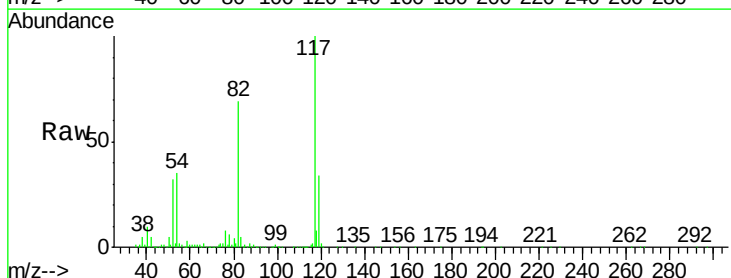
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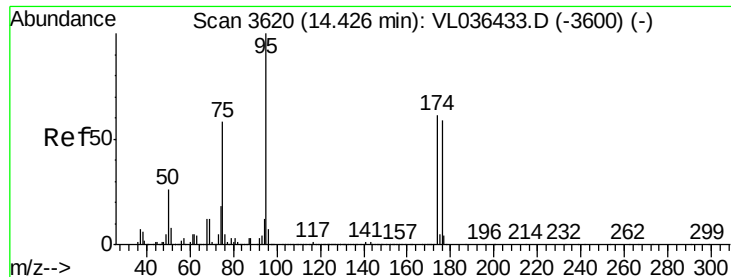
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#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.06 min Scan# 2884
Delta R.T. -0.04 min
Lab File: VL036453.D
Acq: 19 Mar 2021 18:28

Tgt Ion	Ratio	Lower	Upper
117	100		
82	73.8	56.5	84.7
119	34.3	27.0	40.4





#68

1-Bromo-4-Fluorobenzene

Concen: 10.239 ppbv

RT: 14.39 min Scan# 3609

Delta R.T. -0.04 min

Lab File: VL036453.D

Acq: 19 Mar 2021 18:28

Instrument :

MSVOA_L

ClientSampleId :

QC030821 CAN 10725

Tot Ion: 95 Resp: 2783626

Ion Ratio Lower Upper

95 100

174 62.9 51.0 76.4

175 4.4 3.8 5.6

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