

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL100721\
 Data File : VL037819.D
 Acq On : 8 Oct 2021 6:14
 Operator : SY/AP
 Sample : M4079-03DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 C0P13DL

Manual Integrations
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Quant Time: Oct 08 11:33:39 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL100421AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Oct 0
 QLast Update : Mon Oct 04 17:43:54 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1451186	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	4115242	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.07	117	3602202	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	2517792	10.00	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Propene	3.01	41	16398m	0.160	ppbv	
13) Ethanol	3.63	45	10830m	1.291	ppbv	
15) Acetone	3.86	43	80687	0.619	ppbv #	82
20) Methylene Chloride	4.33	84	33562	0.510	ppbv #	80
52) Tetrachloroethene	11.21	164	136314	0.997	ppbv	96

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

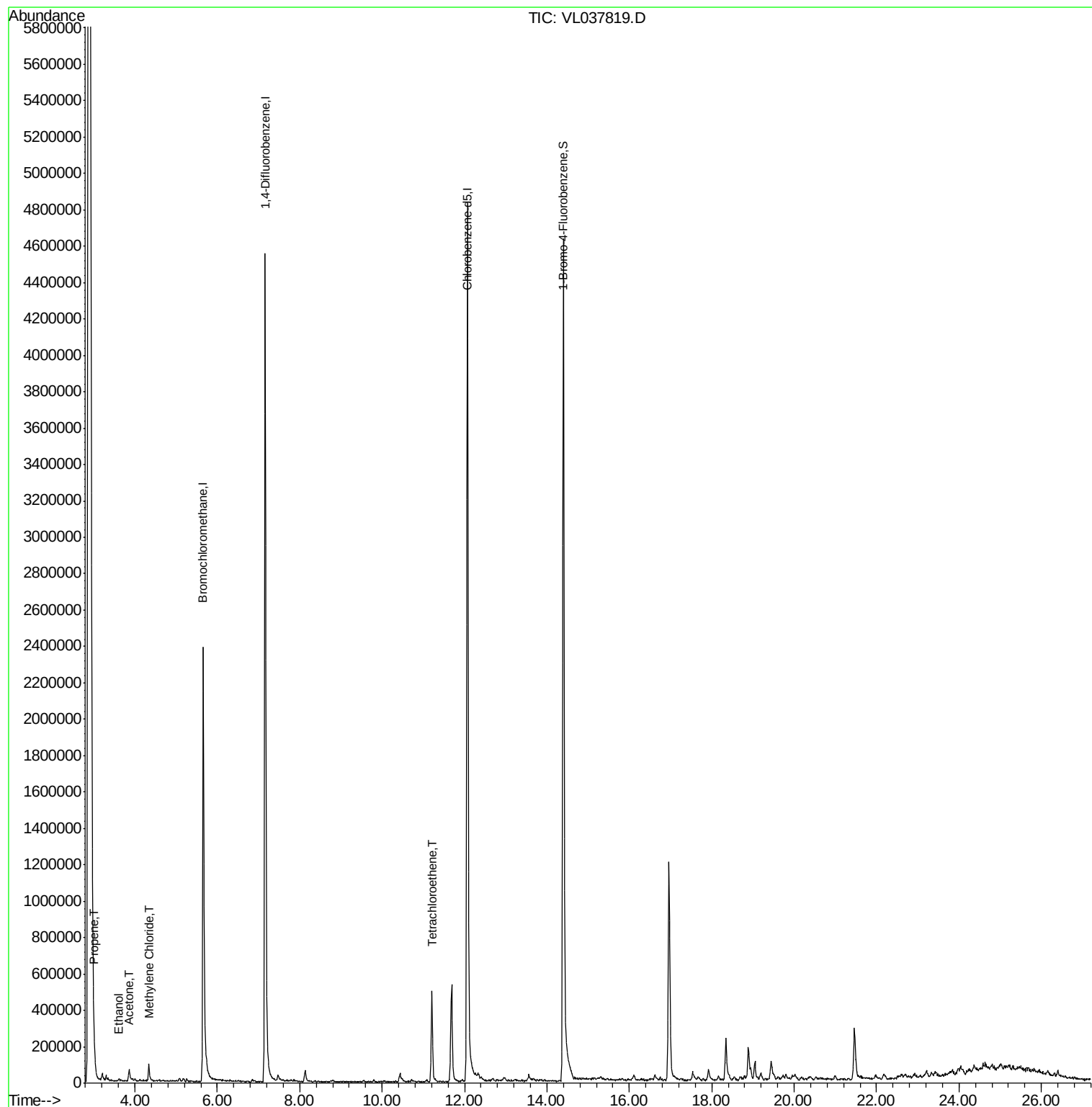
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_L\DATA\VL100721\
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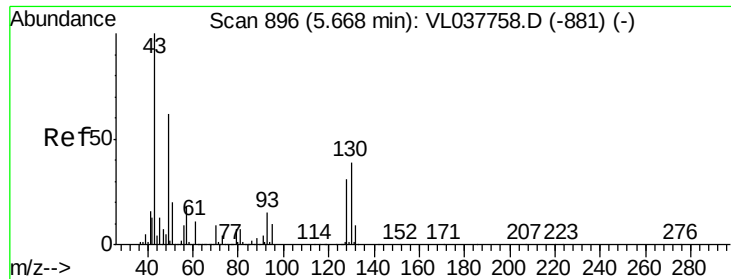
Instrument :
MSVOA_L
ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_L\METHODS\VL100421AIR.M
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Response via : Initial Calibration





#1

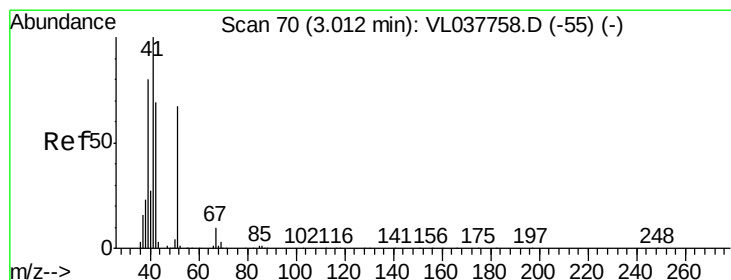
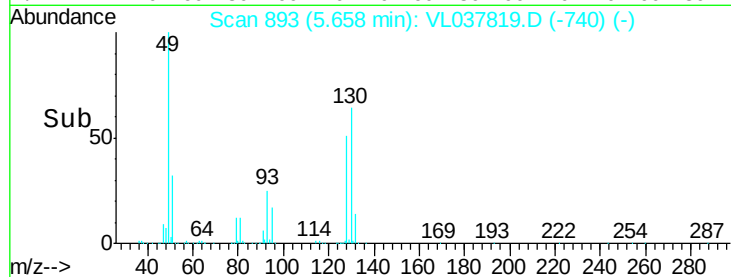
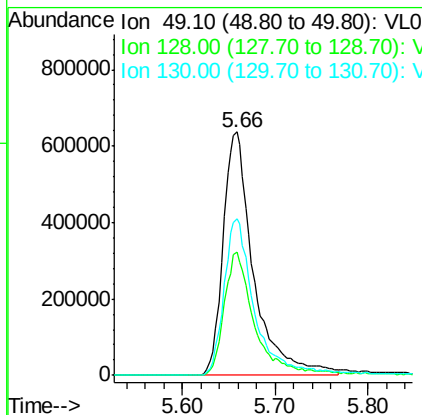
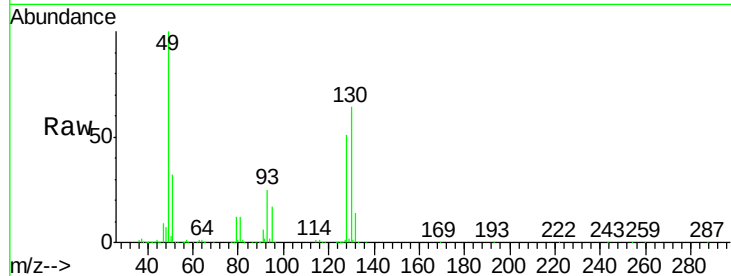
Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.66 min Scan# 893
 Delta R.T. -0.01 min
 Lab File: VL037819.D
 Acq: 8 Oct 2021 6:14

Instrument :
 MSVOA_L
 ClientSampleId :
 C0P13DL

Tgt Ion: 49 Resp: 1451186
 Ion Ratio Lower Upper
 49 100
 128 51.3 27.1 81.3
 130 65.5 33.2 99.6

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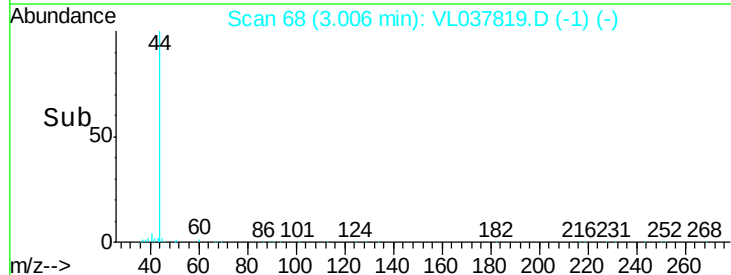
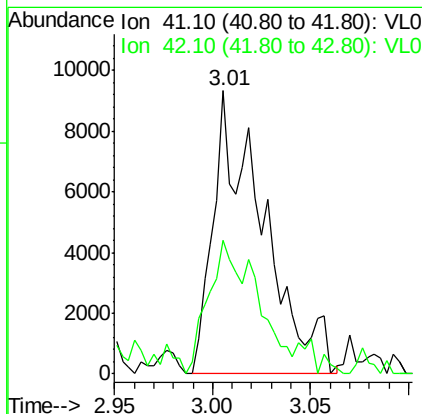
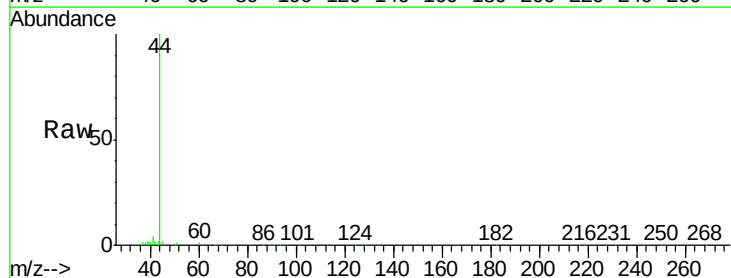
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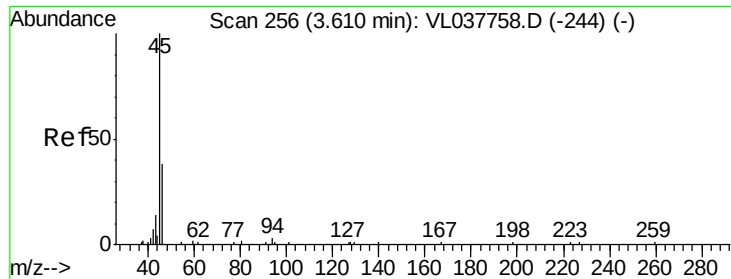


#9

Propene
 Concen: 0.160 ppbv m
 RT: 3.01 min Scan# 68
 Delta R.T. -0.01 min
 Lab File: VL037819.D
 Acq: 8 Oct 2021 6:14

Tgt Ion: 41 Resp: 16398
 Ion Ratio Lower Upper
 41 100
 42 59.5 54.2 81.2





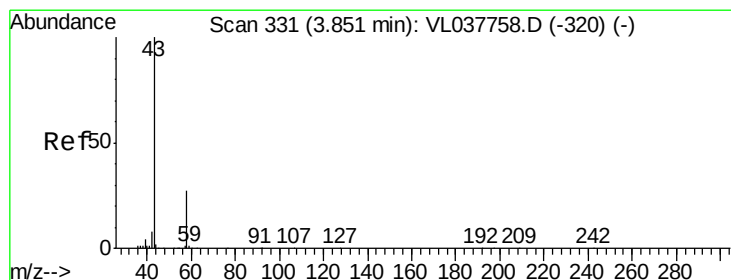
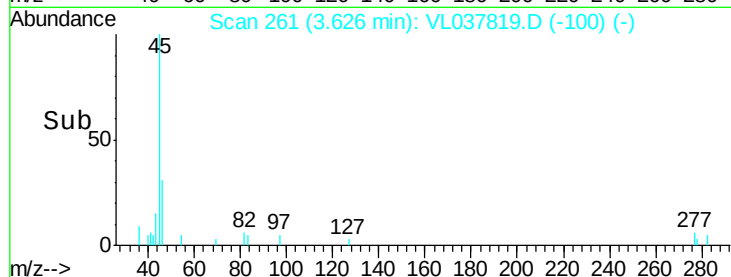
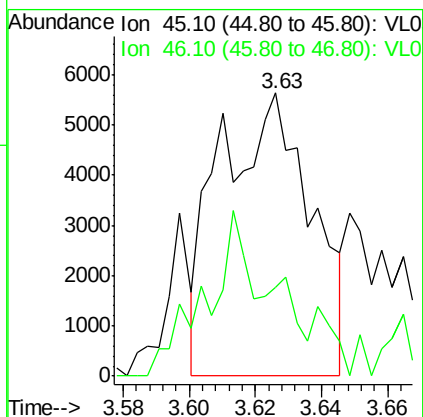
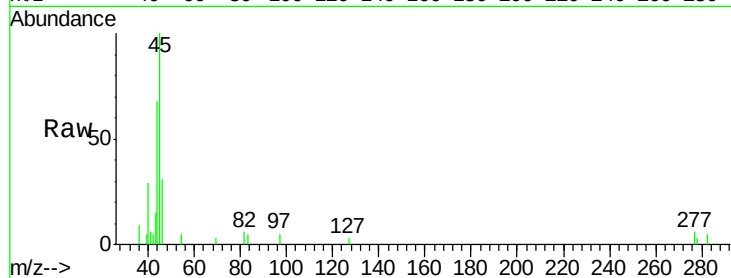
#13
Ethanol
Concen: 1.291 ppbv m
RT: 3.63 min Scan# 261
Delta R.T. 0.02 min
Lab File: VL037819.D
Acq: 8 Oct 2021 6:14

Instrument :
MSVOA_L
ClientSampleId :
C0P13DL

Tgt Ion: 45 Resp: 10830
Ion Ratio Lower Upper
45 100
46 0.0 20.2 81.0#

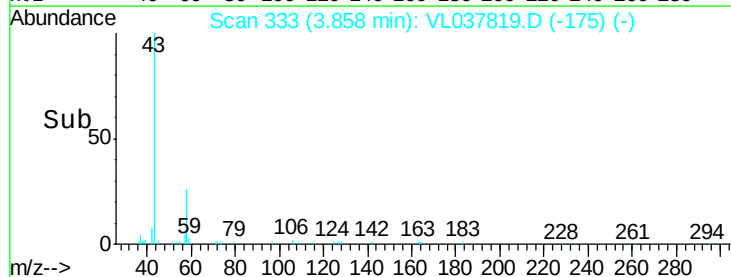
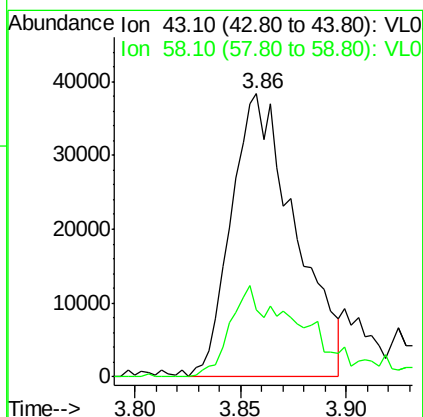
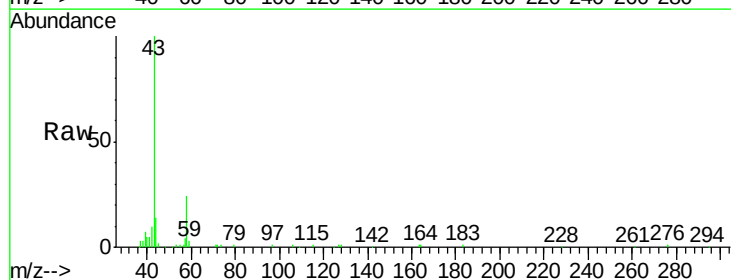
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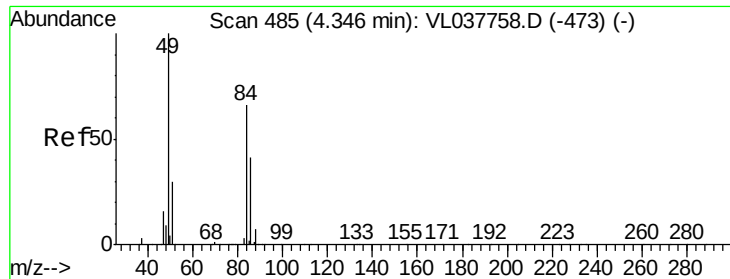
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#15
Acetone
Concen: 0.619 ppbv
RT: 3.86 min Scan# 333
Delta R.T. 0.01 min
Lab File: VL037819.D
Acq: 8 Oct 2021 6:14

Tgt Ion: 43 Resp: 80687
Ion Ratio Lower Upper
43 100
58 38.6 23.0 34.6#





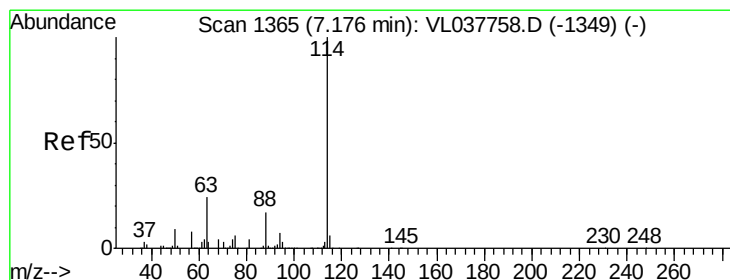
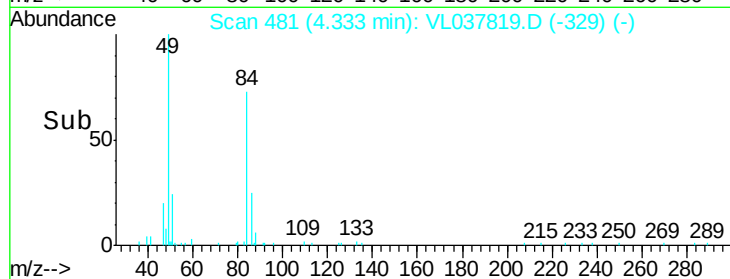
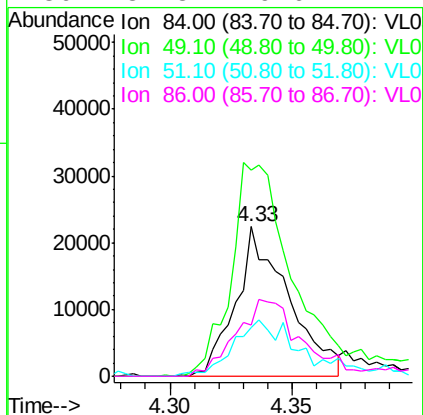
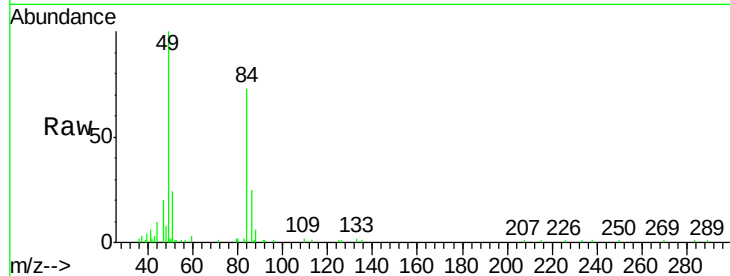
#20
Methylene Chloride
Concen: 0.510 ppbv
RT: 4.33 min Scan# 481
Delta R.T. -0.01 min
Lab File: VL037819.D
Acq: 8 Oct 2021 6:14

Instrument :
MSVOA_L
ClientSampleId :
C0P13DL

Tgt Ion: 84 Resp: 33562
Ion Ratio Lower Upper
84 100
49 136.0 120.7 181.1
51 29.4 36.2 54.4#
86 34.3 49.6 74.4#

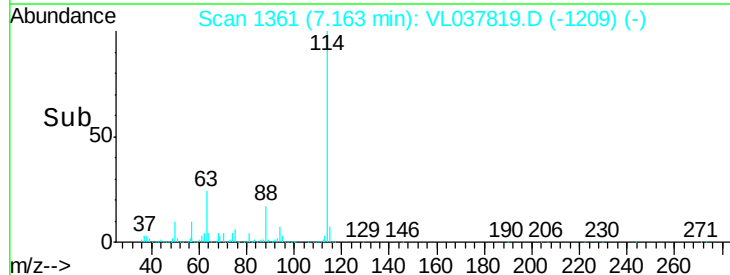
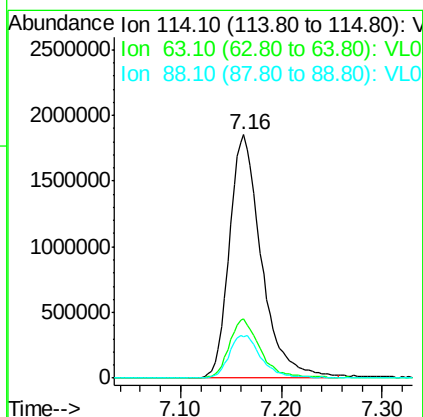
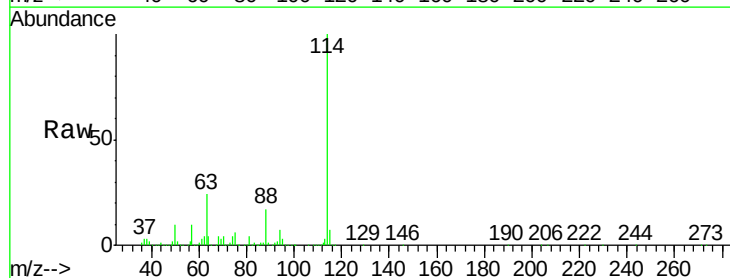
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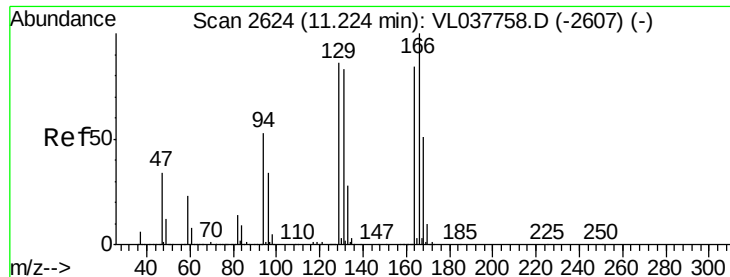
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16 min Scan# 1361
Delta R.T. -0.01 min
Lab File: VL037819.D
Acq: 8 Oct 2021 6:14

Tgt Ion: 114 Resp: 4115242
Ion Ratio Lower Upper
114 100
63 23.8 19.4 29.2
88 17.9 14.4 21.6





#52

Tetrachloroethene

Concen: 0.997 ppbv

RT: 11.21 min Scan# 2620

Delta R.T. -0.01 min

Lab File: VL037819.D

Acq: 8 Oct 2021 6:14

Instrument :

MSVOA_L

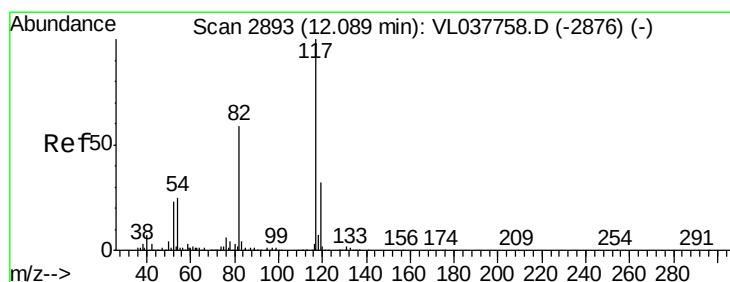
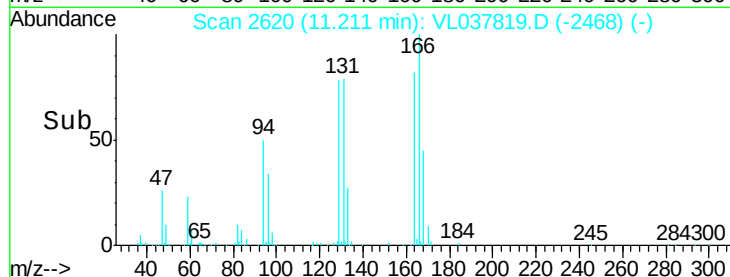
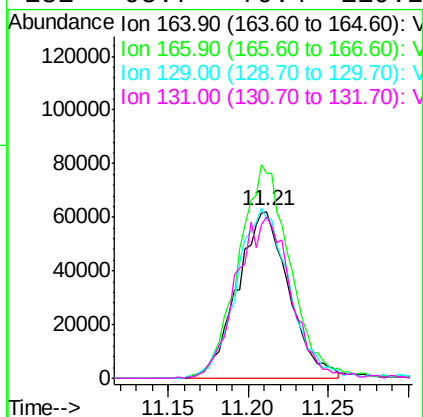
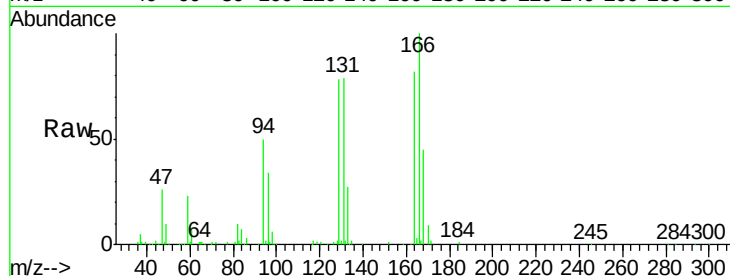
ClientSampleId :

C0P13DL

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	136314		
166	121.6	95.4	143.2	
129	94.5	82.2	123.4	
131	95.7	79.4	119.2	

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#55

Chlorobenzene-d5

Concen: 10.000 ppbv

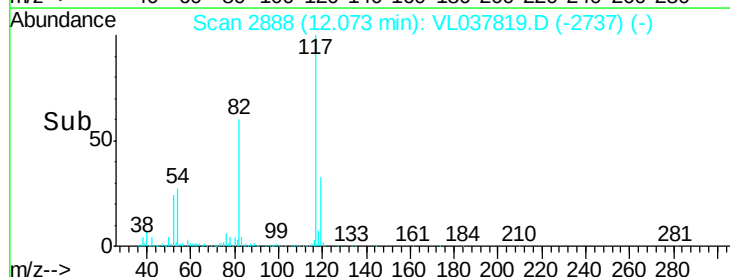
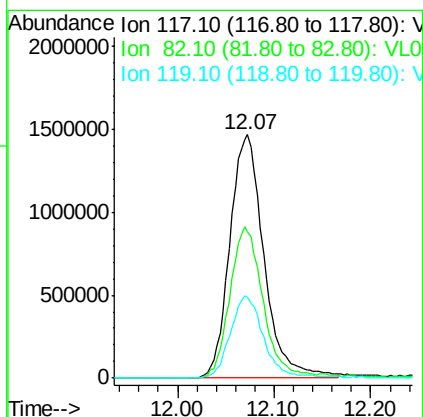
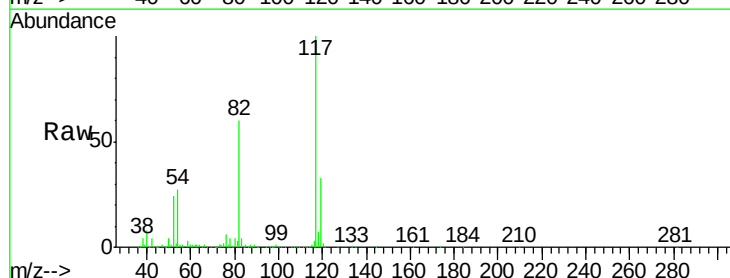
RT: 12.07 min Scan# 2888

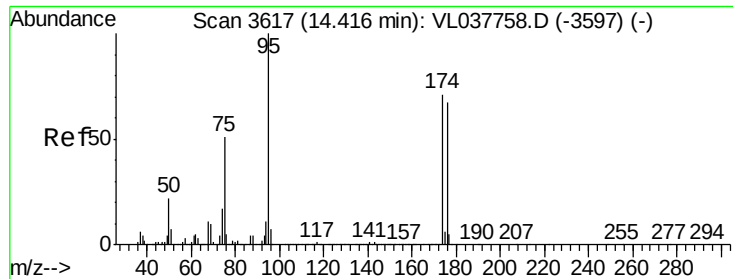
Delta R.T. -0.02 min

Lab File: VL037819.D

Acq: 8 Oct 2021 6:14

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	3602202		
82	62.6	52.2	78.2	
119	33.7	26.0	39.0	





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.995 ppbv
 RT: 14.40 min Scan# 3612
 Delta R.T. -0.02 min
 Lab File: VL037819.D
 Acq: 8 Oct 2021 6:14

Instrument :
 MSVOA_L
 ClientSampleId :
 C0P13DL

Tgt Ion: 95 Resp: 2517792
 Ion Ratio Lower Upper
 95 100
 174 75.3 57.8 86.6
 175 5.7 4.7 7.1

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