

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081121\
 Data File : VL037386.D
 Acq On : 11 Aug 2021 11:37
 Operator : SY/AP
 Sample : M3157-01DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 DDC-2-INFLUENT-1DL

Manual Integrations
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Quant Time: Aug 12 05:24:24 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081121AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Aug 11 2021
 QLast Update : Wed Aug 11 09:01:07 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1247480	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3978242	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	3364248	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.41	95	2414250	9.62	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.20%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chlorodifluoromethane	2.99	51	25463	0.110	ppbv	94
9) Propene	3.02	41	16532m	0.209	ppbv	
13) Ethanol	3.62	45	295282m	30.978	ppbv	
15) Acetone	3.86	43	116775m	0.983	ppbv	
19) Isopropyl Alcohol	4.00	45	36228m	0.529	ppbv	
20) Methylene Chloride	4.34	84	195434	3.028	ppbv	92
26) Hexane	5.68	57	269502	1.749	ppbv #	47
29) Chloroform	5.75	83	70101m	0.317	ppbv	
31) cis-1,2-Dichloroethene	5.54	61	44198m	0.320	ppbv	
35) Carbon Tetrachloride	7.02	117	29117m	0.131	ppbv	
38) Trichloroethene	7.83	130	11686m	0.087	ppbv	
52) Tetrachloroethene	11.21	164	293128m	2.278	ppbv	
53) Toluene	9.80	91	61411	0.168	ppbv	97

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

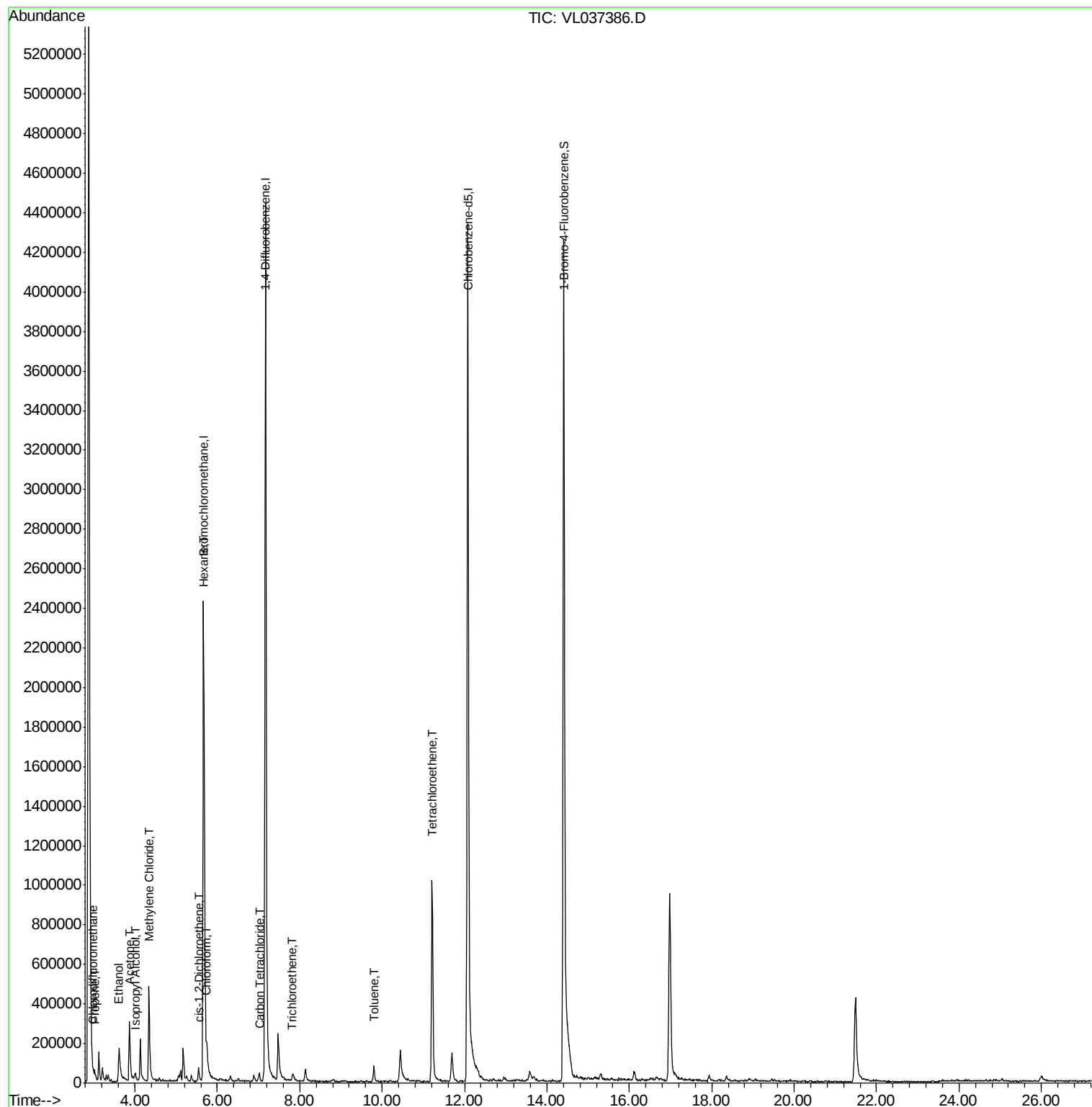
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL081121\
Data File : VL037386.D
Acq On : 11 Aug 2021 11:37
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Sample : M3157-01DL 10X
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

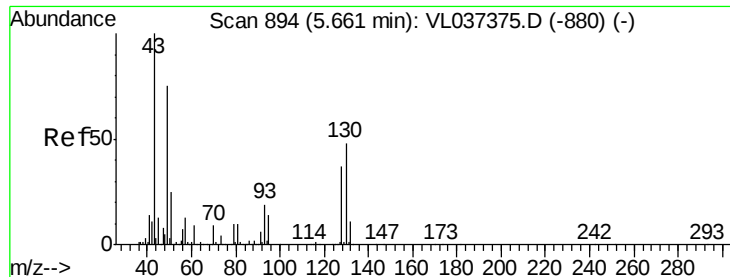
Instrument :
MSVOA_L
ClientSampleId :
DDC-2-INFLUENT-1DL

Manual Integrations
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Quant Time: Aug 12 05:24:24 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL081121AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Aug
QLast Update : Wed Aug 11 09:01:07 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 894

Delta R.T. -0.00 min

Lab File: VL037386.D

Acq: 11 Aug 2021 11:37

Instrument :

MSVOA_L

ClientSampleId :

DDC-2-INFLUENT-1DL

Tot Ion: 49 Resp: 1247480

Ion Ratio Lower Upper

49 100

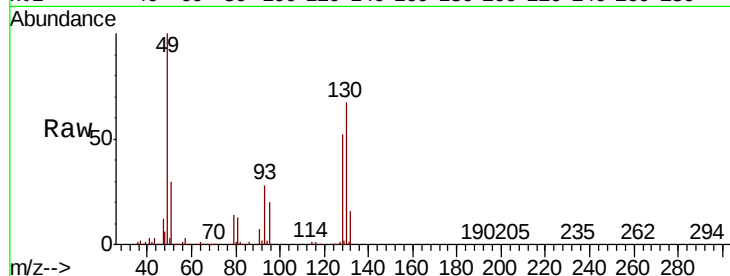
128 59.4 28.1 84.4

130 74.7 34.3 102.8

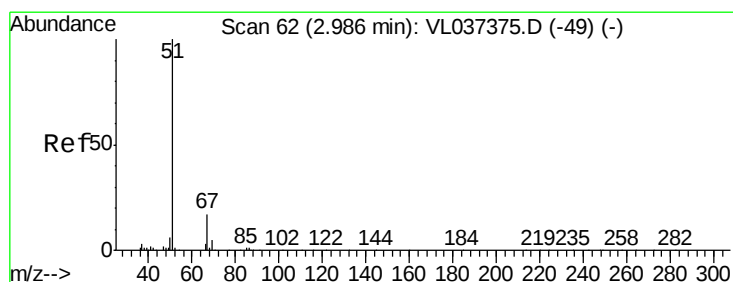
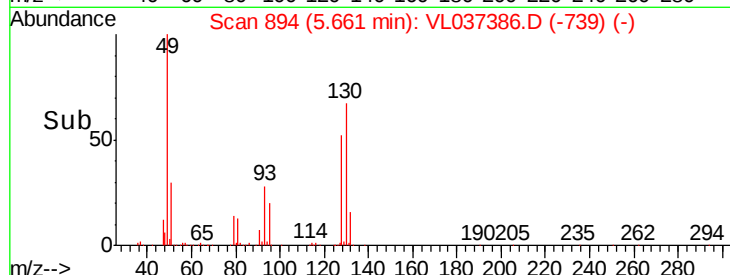
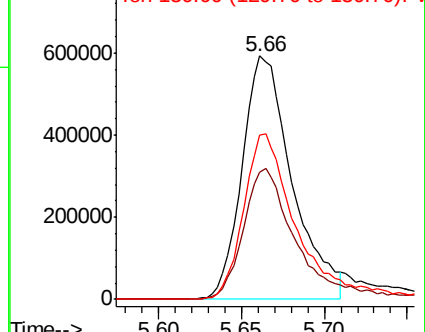
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Abundance Ion 49.10 (48.80 to 49.80): VL0
Ion 128.00 (127.70 to 128.70): V
Ion 130.00 (129.70 to 130.70): V



#3

Chlorodifluoromethane

Concen: 0.110 ppbv

RT: 2.99 min Scan# 63

Delta R.T. 0.00 min

Lab File: VL037386.D

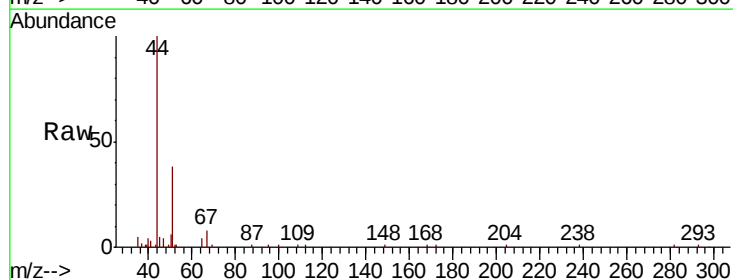
Acq: 11 Aug 2021 11:37

Tgt Ion: 51 Resp: 25463

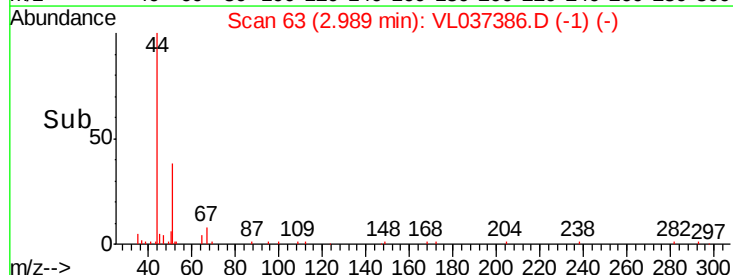
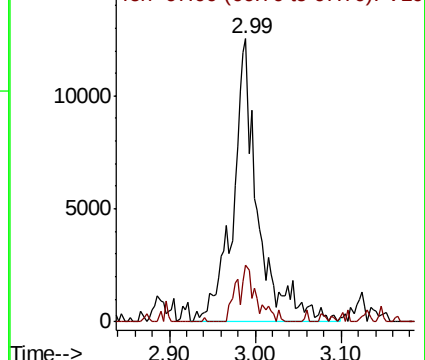
Ion Ratio Lower Upper

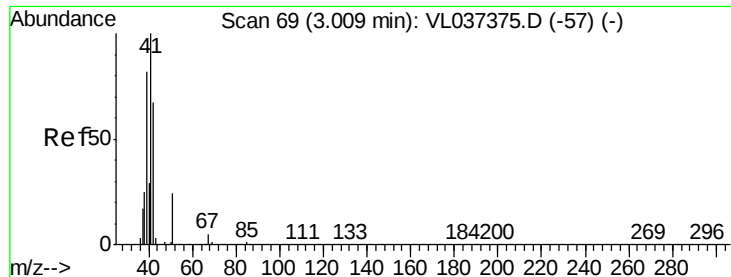
51 100

67 15.3 14.3 21.5



Abundance Ion 51.00 (50.70 to 51.70): VL0
Ion 67.00 (66.70 to 67.70): VL0





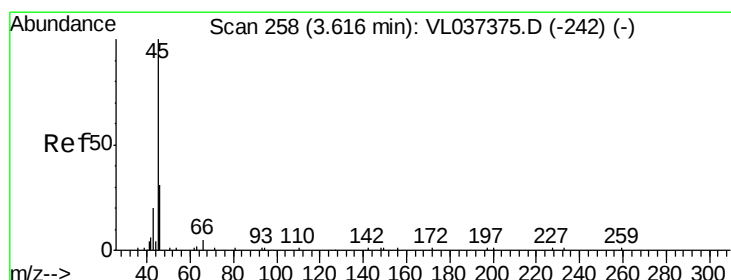
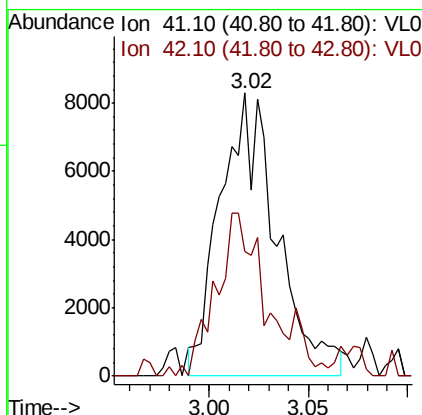
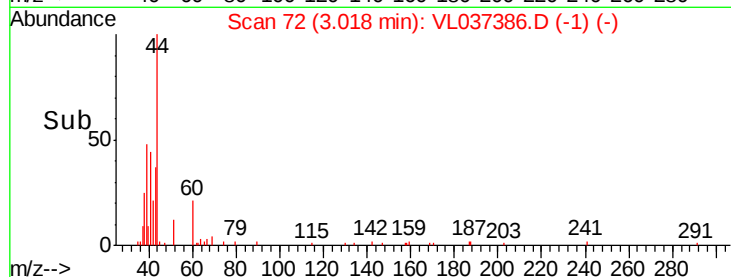
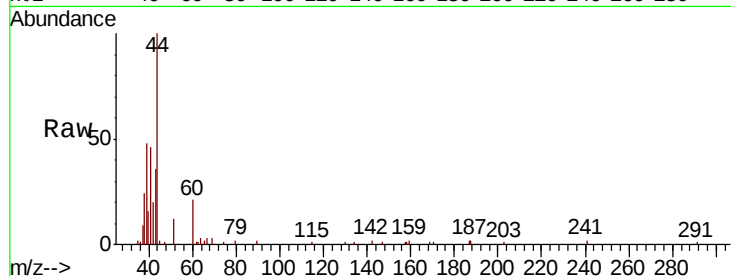
#9
Propene
Concen: 0.209 ppbv m
RT: 3.02 min Scan# 72
Delta R.T. 0.01 min
Lab File: VL037386.D
Acq: 11 Aug 2021 11:37

Instrument :
MSVOA_L
ClientSampleId :
DDC-2-INFLUENT-1DL

Tot Ion: 41 Resp: 16532
Ion Ratio Lower Upper
41 100
42 17.2 55.5 83.3#

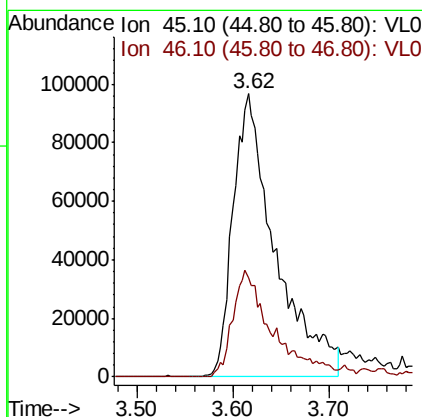
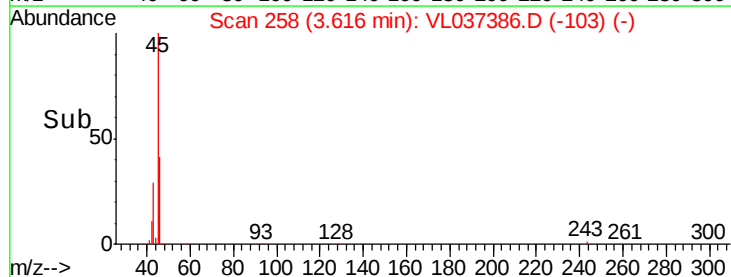
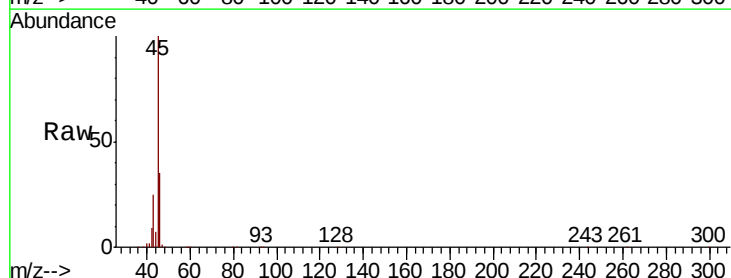
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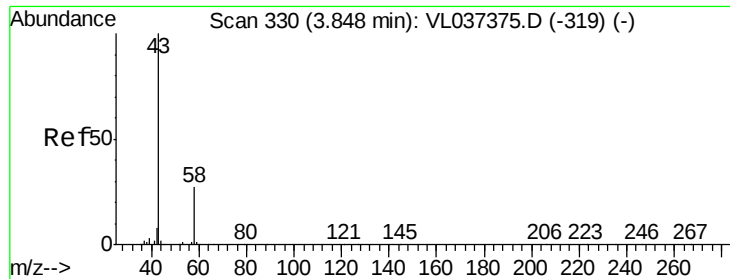
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#13
Ethanol
Concen: 30.978 ppbv m
RT: 3.62 min Scan# 258
Delta R.T. -0.00 min
Lab File: VL037386.D
Acq: 11 Aug 2021 11:37

Tgt Ion: 45 Resp: 295282
Ion Ratio Lower Upper
45 100
46 38.8 15.8 63.4





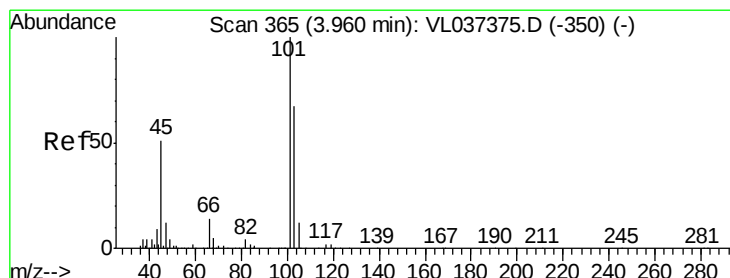
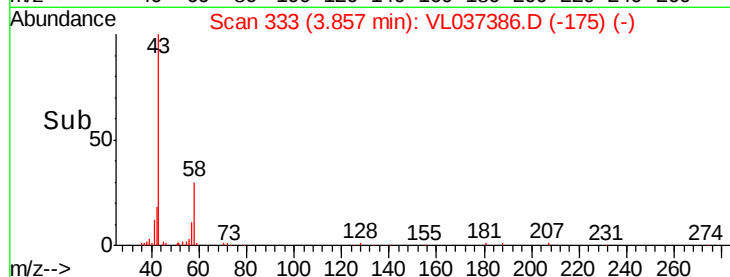
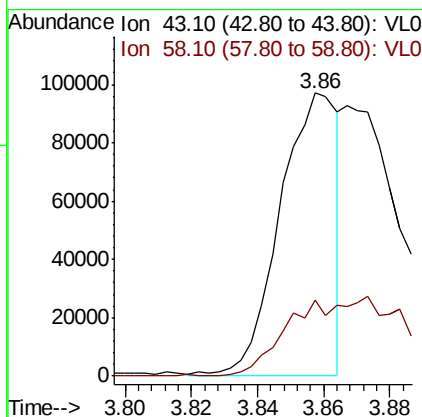
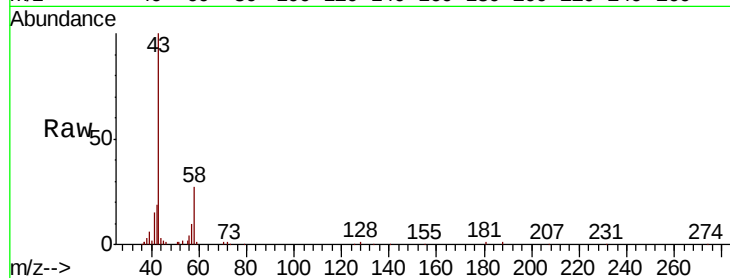
#15
Acetone
Concen: 0.983 ppbv m
RT: 3.86 min Scan# 333
Delta R.T. 0.01 min
Lab File: VL037386.D
Acq: 11 Aug 2021 11:37

Instrument :
MSVOA_L
ClientSampleId :
DDC-2-INFLUENT-1DL

Tot Ion: 43 Resp: 116775
Ion Ratio Lower Upper
43 100
58 0.0 24.6 37.0#

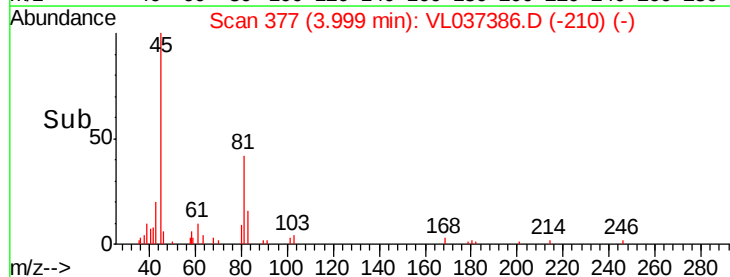
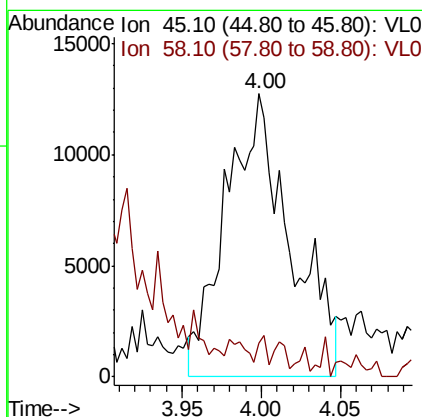
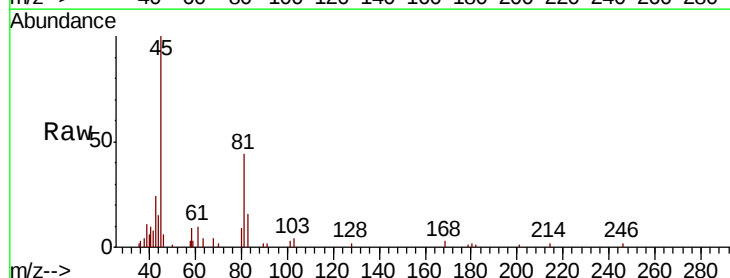
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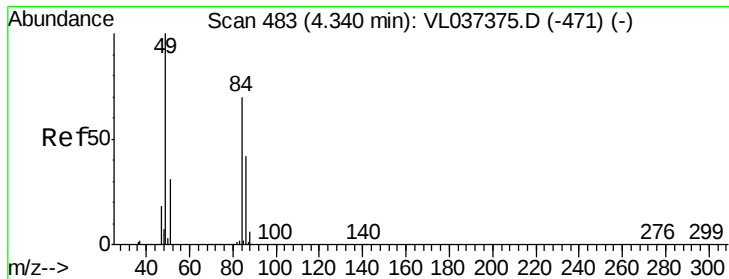
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#19
Isopropyl Alcohol
Concen: 0.529 ppbv m
RT: 4.00 min Scan# 377
Delta R.T. 0.04 min
Lab File: VL037386.D
Acq: 11 Aug 2021 11:37

Tgt Ion: 45 Resp: 36228
Ion Ratio Lower Upper
45 100
58 233.7 38.7 58.1#





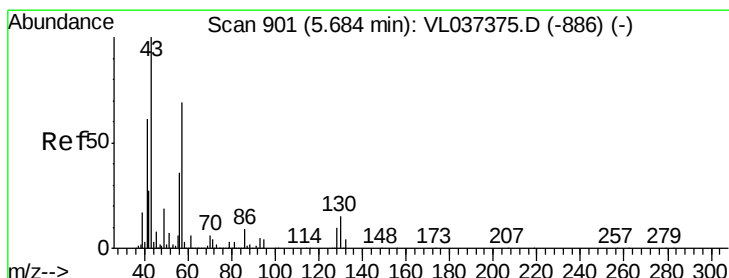
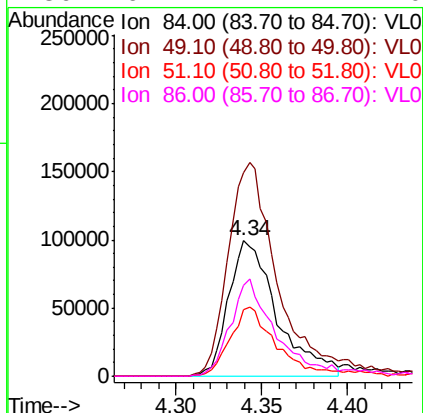
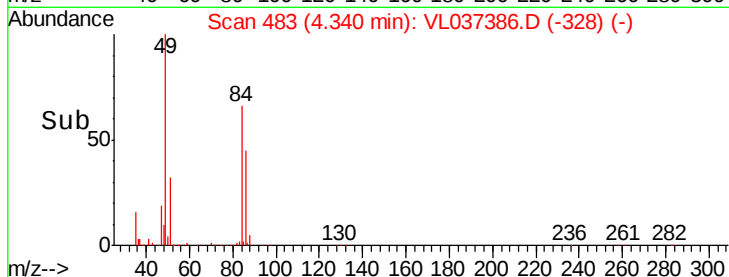
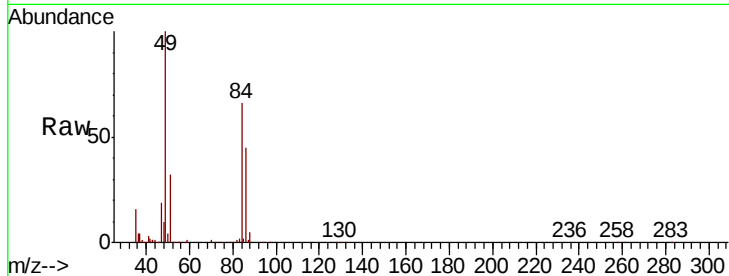
#20
Methvlene Chloride
Concen: 3.028 ppbv
RT: 4.34 min Scan# 483
Delta R.T. -0.00 min
Lab File: VL037386.D
Acq: 11 Aug 2021 11:37

Instrument :
MSVOA_L
ClientSampleId :
DDC-2-INFLUENT-1DL

Tot Ion:	84	Resp:	195434
Ion	Ratio	Lower	Upper
84	100		
49	150.9	113.8	170.6
51	48.8	34.7	52.1
86	67.1	47.4	71.0

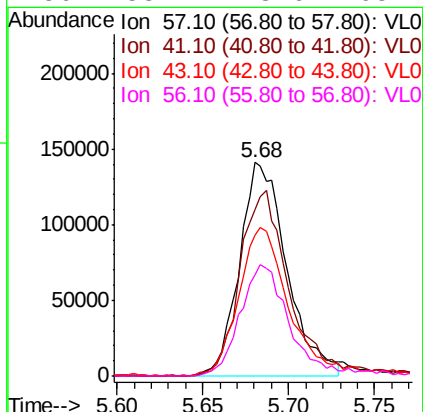
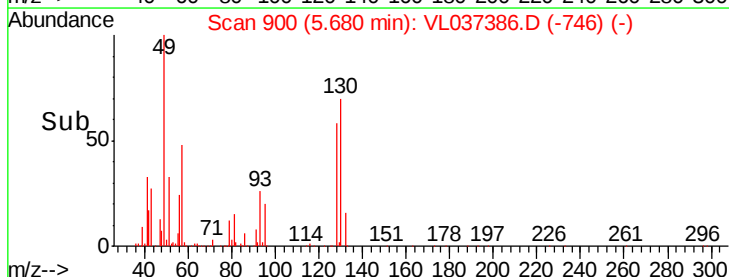
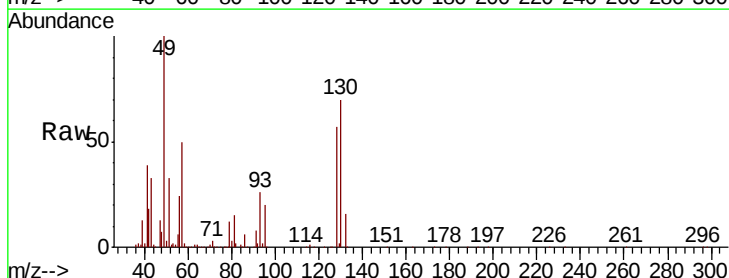
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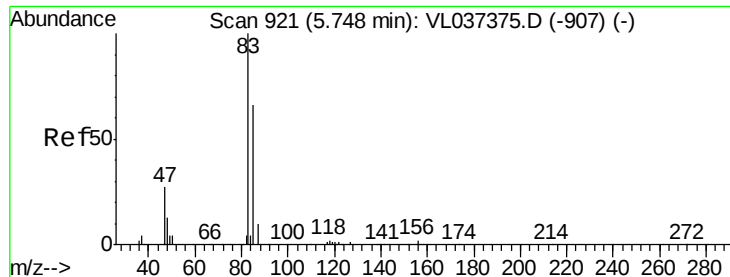
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#26
Hexane
Concen: 1.749 ppbv
RT: 5.68 min Scan# 900
Delta R.T. -0.00 min
Lab File: VL037386.D
Acq: 11 Aug 2021 11:37

Tgt Ion:	57	Resp:	269502
Ion	Ratio	Lower	Upper
57	100		
41	93.1	73.4	110.0
43	77.1	174.4	261.6#
56	55.4	43.6	65.4





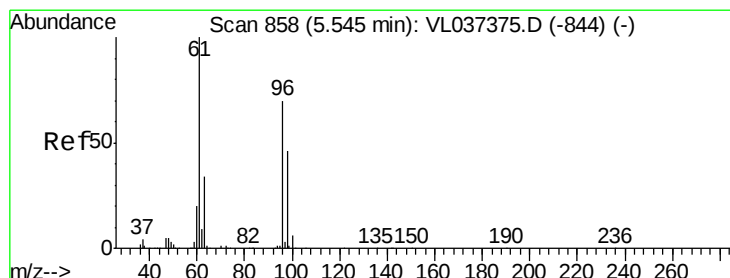
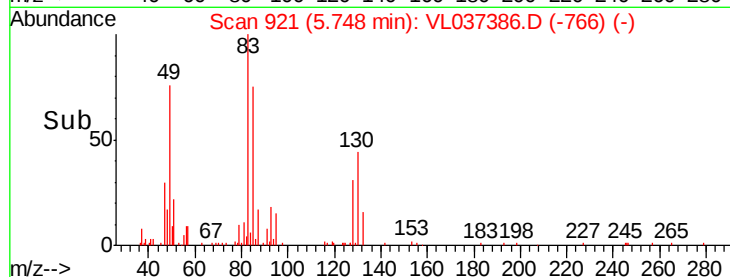
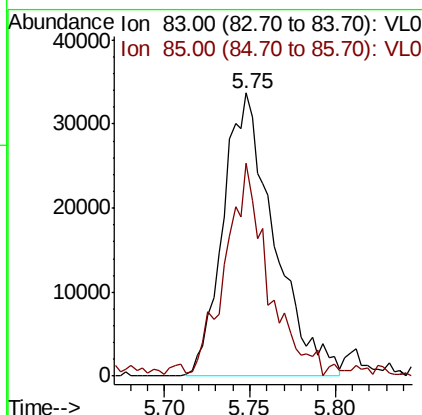
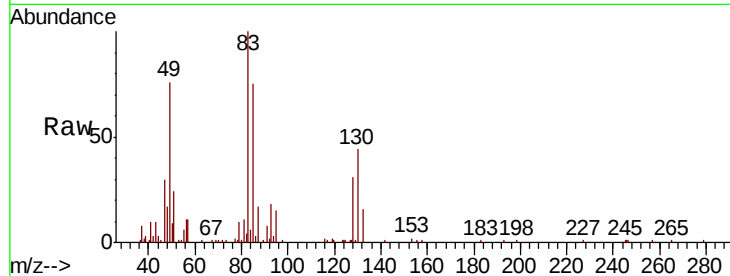
#29
Chloroform
Concen: 0.317 ppbv m
RT: 5.75 min Scan# 921
Delta R.T. -0.00 min
Lab File: VL037386.D
Acq: 11 Aug 2021 11:37

Instrument :
MSVOA_L
ClientSampleId :
DDC-2-INFLUENT-1DL

Tot Ion	83	Resp	70101
Ion Ratio	100	Lower	Upper
83	100		
85	75.2	52.8	79.2

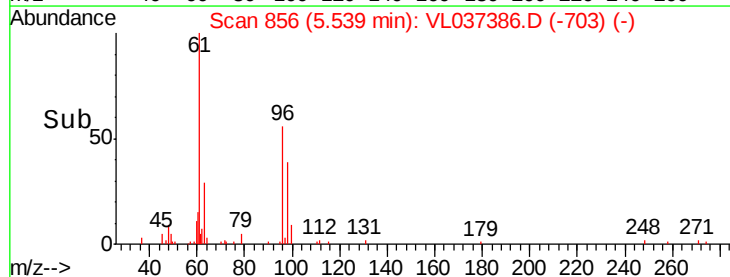
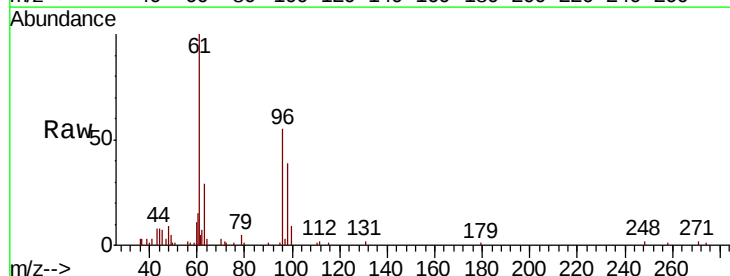
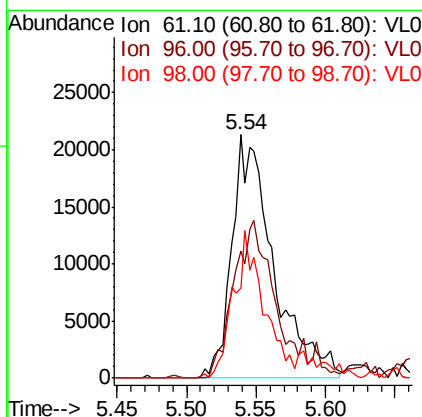
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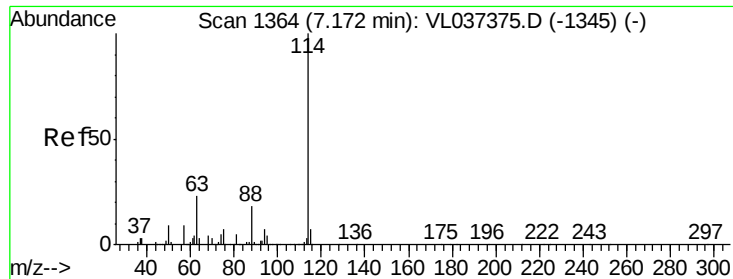
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#31
cis-1,2-Dichloroethene
Concen: 0.320 ppbv m
RT: 5.54 min Scan# 856
Delta R.T. -0.01 min
Lab File: VL037386.D
Acq: 11 Aug 2021 11:37

Tgt Ion	61	Resp	44198
Ion Ratio	100	Lower	Upper
61	100		
96	55.3	56.0	84.0#
98	39.0	36.8	55.2





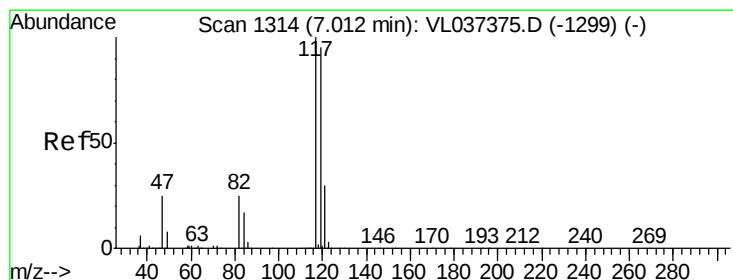
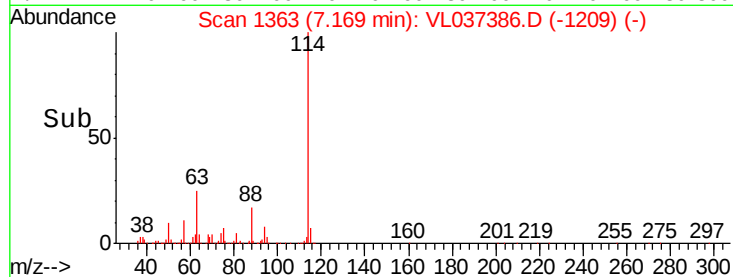
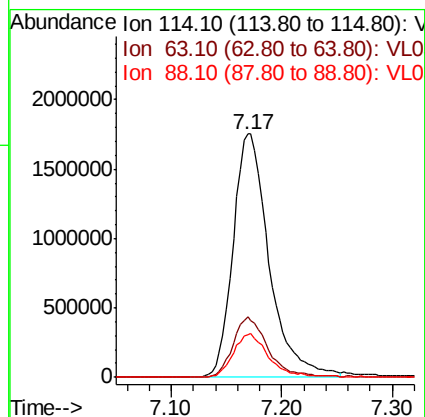
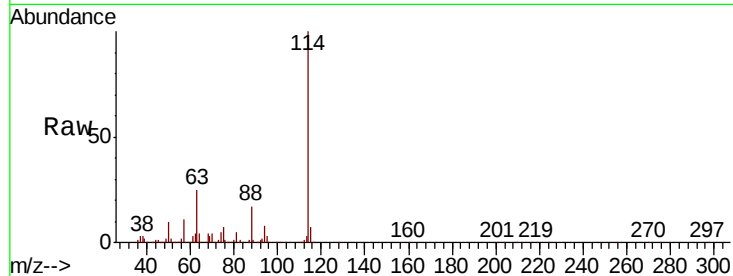
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VL037386.D
 Acq: 11 Aug 2021 11:37

Instrument :
 MSVOA_L
 ClientSampleId :
 DDC-2-INFLUENT-1DL

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.4	19.5	29.3
88	18.0	14.3	21.5

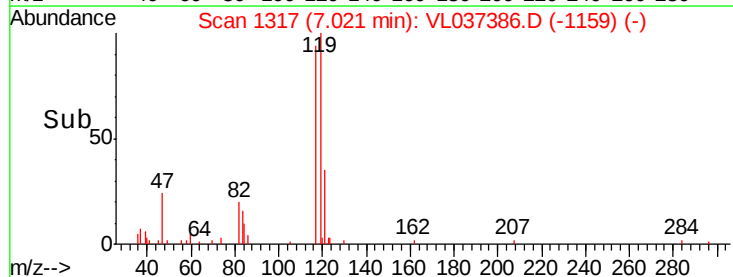
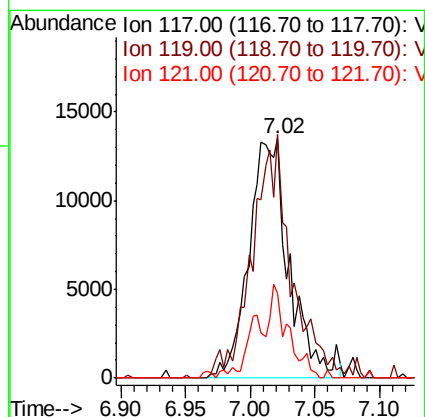
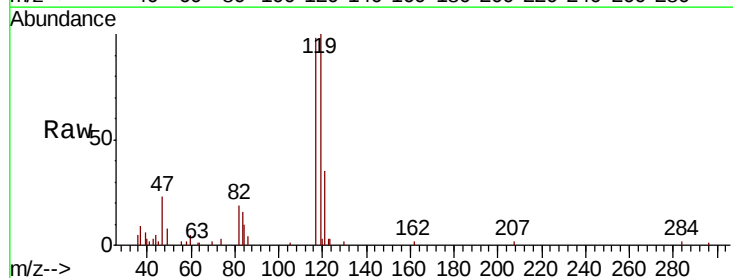
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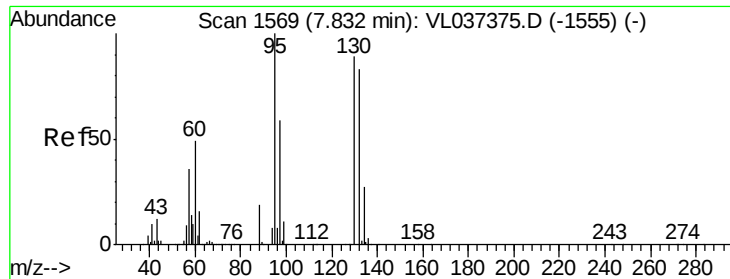
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#35
 Carbon Tetrachloride
 Concen: 0.131 ppbv m
 RT: 7.02 min Scan# 1317
 Delta R.T. 0.01 min
 Lab File: VL037386.D
 Acq: 11 Aug 2021 11:37

Tgt Ion	Ratio	Lower	Upper
117	100		
119	101.8	76.1	114.1
121	35.5	24.4	36.6





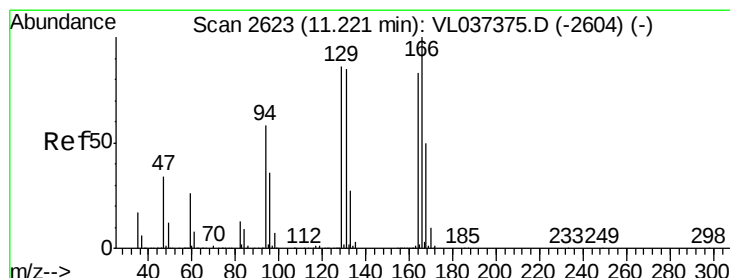
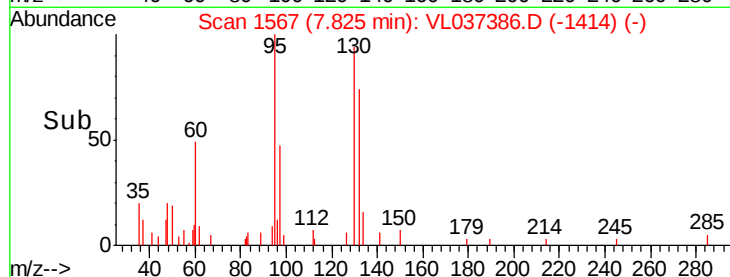
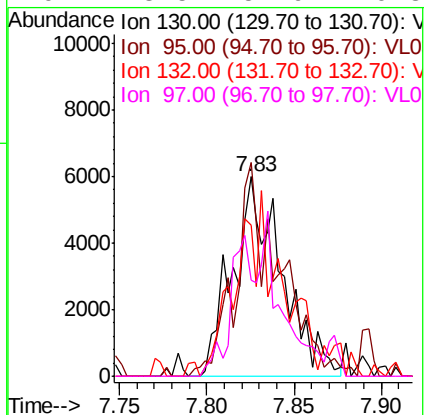
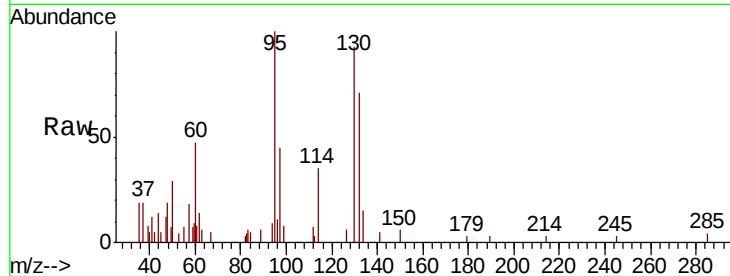
#38
 Trichloroethene
 Concen: 0.087 ppbv m
 RT: 7.83 min Scan# 1567
 Delta R.T. -0.01 min
 Lab File: VL037386.D
 Acq: 11 Aug 2021 11:37

Instrument :
 MSVOA_L
 ClientSampleId :
 DDC-2-INFLUENT-1DL

Tot Ion	Ratio	Lower	Upper
130	100		
95	107.2	89.5	134.3
132	75.7	74.2	111.4
97	48.5	52.9	79.3#

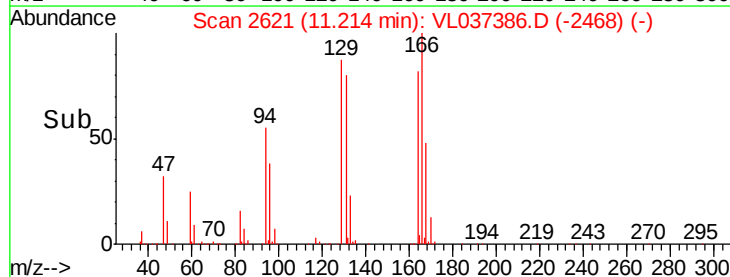
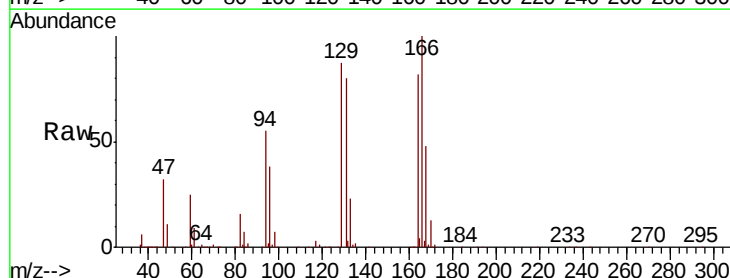
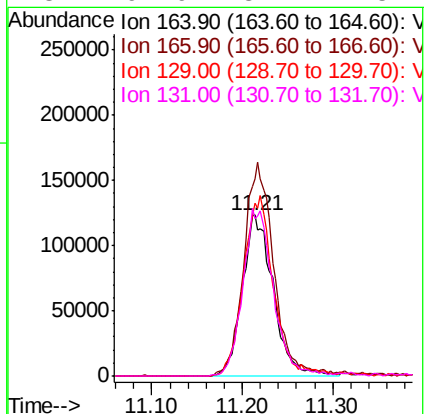
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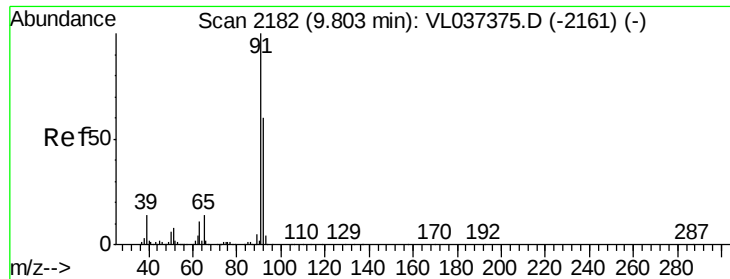
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#52
 Tetrachloroethene
 Concen: 2.278 ppbv m
 RT: 11.21 min Scan# 2621
 Delta R.T. -0.01 min
 Lab File: VL037386.D
 Acq: 11 Aug 2021 11:37

Tgt Ion	Ratio	Lower	Upper
164	100		
166	122.4	96.5	144.7
129	106.8	83.2	124.8
131	97.9	82.2	123.2





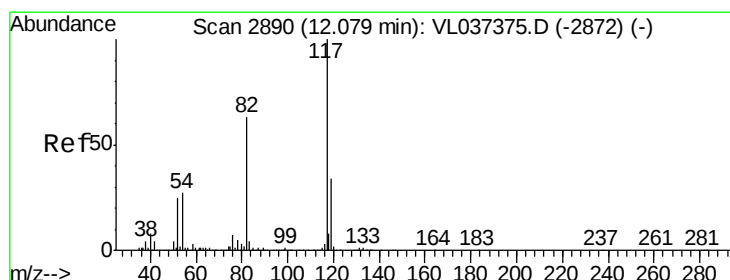
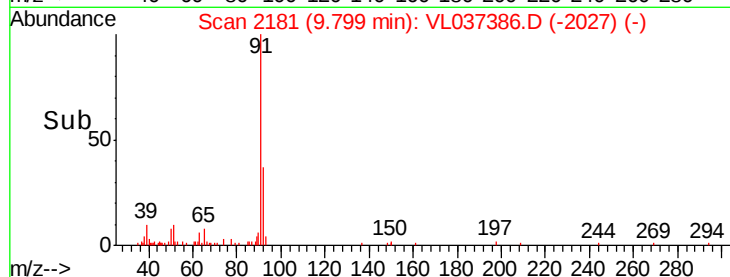
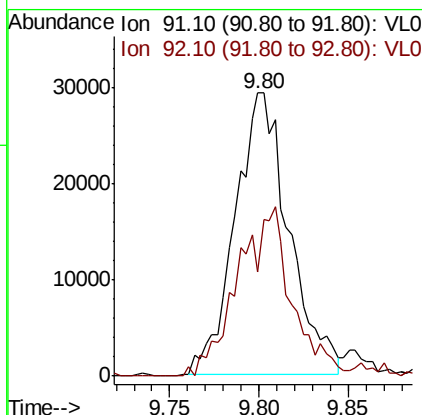
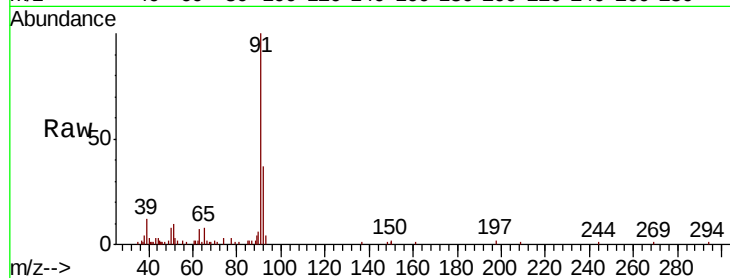
#53
Toluene
Concen: 0.168 ppbv
RT: 9.80 min Scan# 2181
Delta R.T. -0.00 min
Lab File: VL037386.D
Acq: 11 Aug 2021 11:37

Instrument :
MSVOA_L
ClientSampleId :
DDC-2-INFLUENT-1DL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100		61411		
92	62.5	48.1	72.1		

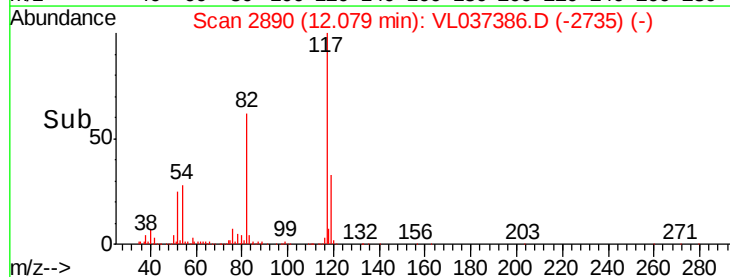
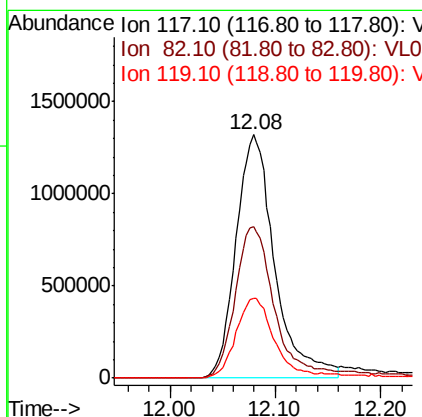
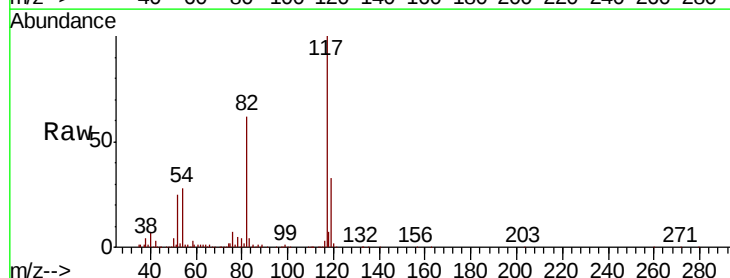
Manual Integrations
APPROVED

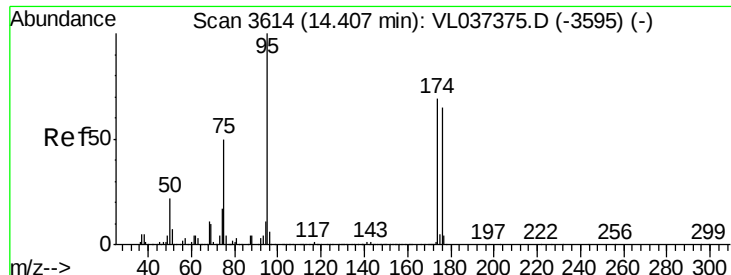
apatel
8/12/2021 10:16:55 AM



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min Scan# 2890
Delta R.T. -0.00 min
Lab File: VL037386.D
Acq: 11 Aug 2021 11:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		3364248		
82	67.6	52.6	78.8		
119	33.5	46.7	70.1#		





#68

1-Bromo-4-Fluorobenzene

Concen: 9.623 ppbv

RT: 14.41 min Scan# 3615

Delta R.T. 0.00 min

Lab File: VL037386.D

Acq: 11 Aug 2021 11:37

Instrument :

MSVOA_L

ClientSampleId :

DDC-2-INFLUENT-1DL

Tot Ion: 95 Resp: 2414250

Ion Ratio Lower Upper

95 100

174 77.0 58.3 87.5

175 5.8 4.3 6.5

Manual Integrations

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8/12/2021 10:16:55 AM

