

Data Path : Y:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081621\
 Data File : VL037471.D
 Acq On : 16 Aug 2021 21:21
 Operator : SY/AP
 Sample : L3510-01DL 4X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 E053-1100DL

Manual Integrations
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 8/19/2021 5:59:30 PM

Quant Time: Aug 17 10:40:59 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Tue Aug 17 10:40:59 2021
 QLast Update : Tue Aug 17 02:13:47 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1435802	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	4201333	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	3832609	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	3016571	11.08	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	110.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
6) Bromomethane	3.47	94	540021m	9.794	ppbv	
18) 1,1-Dichloroethene	4.28	96	492594	6.834	ppbv	99
29) Chloroform	5.74	83	1360568	5.293	ppbv	99
38) Trichloroethene	7.82	130	1233385	8.512	ppbv	94
42) Bromodichloromethane	7.77	83	2533797	9.905	ppbv	96
47) 1,1,2-Trichloroethane	9.46	97	931910	6.355	ppbv	99
48) Dibromochloromethane	10.28	129	1458559	6.912	ppbv	99
58) Ethyl Benzene	12.69	91	2693315	5.064	ppbv	99
76) 1,4-Dichlorobenzene	17.12	146	2554313	8.320	ppbv	97
77) 1,2-Dichlorobenzene	17.80	146	2516613	8.386	ppbv	98

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

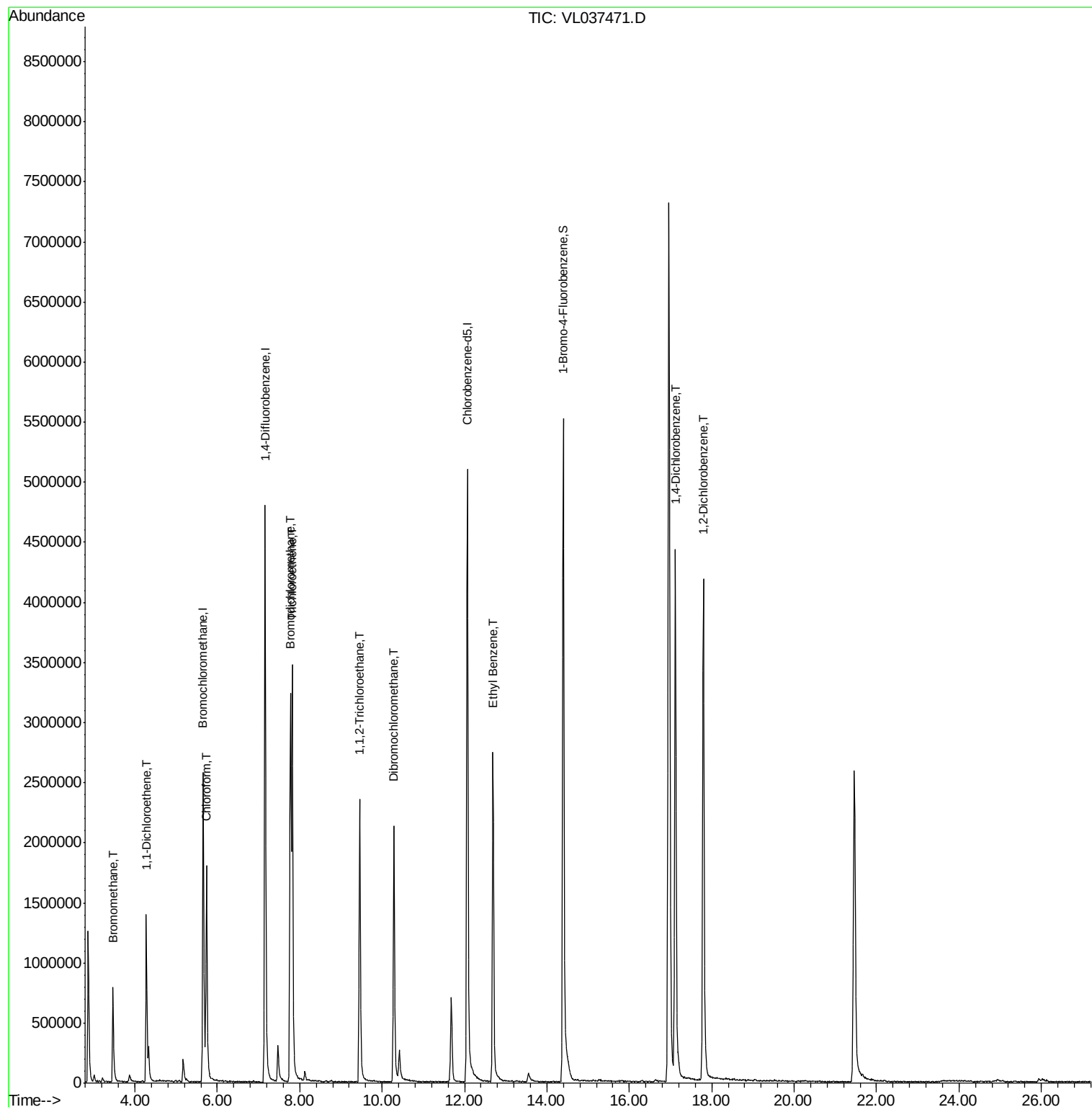
Data Path : Y:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL081621\
Data File : VL037471.D
Acq On : 16 Aug 2021 21:21
Operator : SY/AP
Sample : L3510-01DL 4X
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

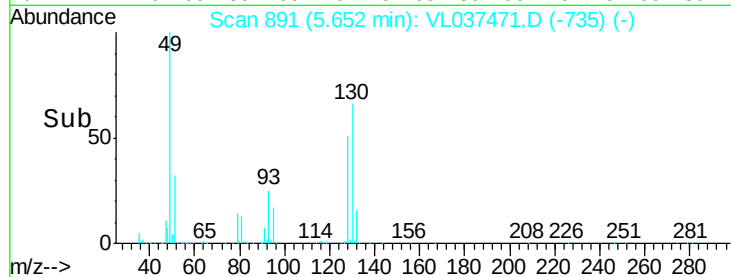
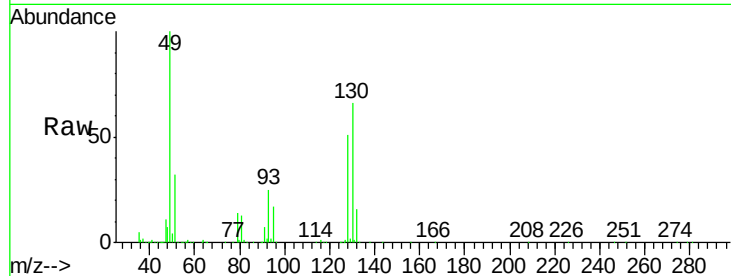
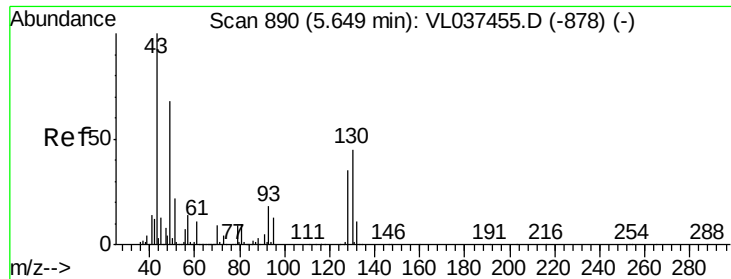
Instrument :
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ClientSampleId :
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Quant Time: Aug 17 10:40:59 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL081621AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Aug
QLast Update : Tue Aug 17 02:13:47 2021
Response via : Initial Calibration





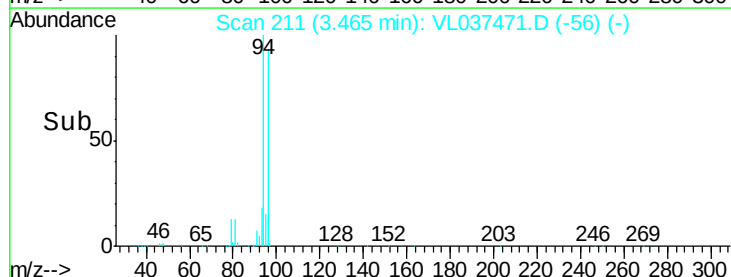
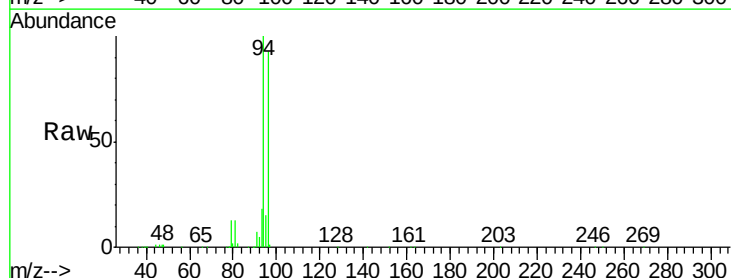
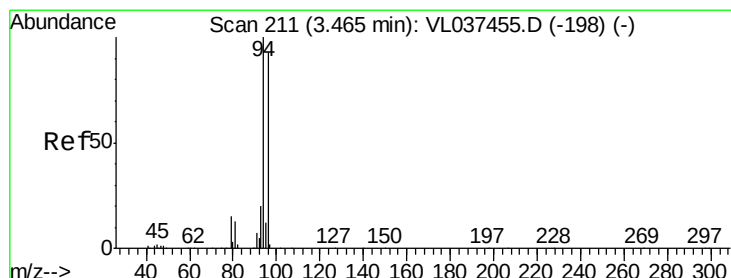
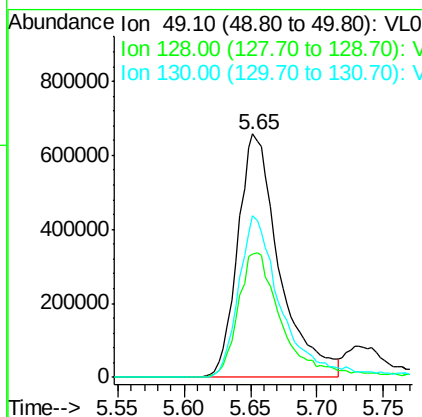
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65 min Scan# 891
Delta R.T. 0.00 min
Lab File: VL037471.D
Acq: 16 Aug 2021 21:21

Tot Ion: 49 Resp: 1435802
Ion Ratio Lower Upper
49 100
128 55.8 27.5 82.4
130 70.3 34.0 101.8

Instrument :
MSVOA_L
ClientSampleId :
E053-1100DL

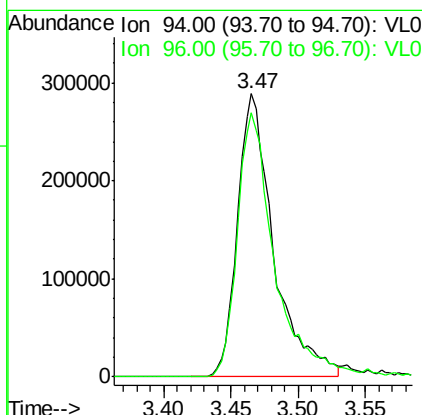
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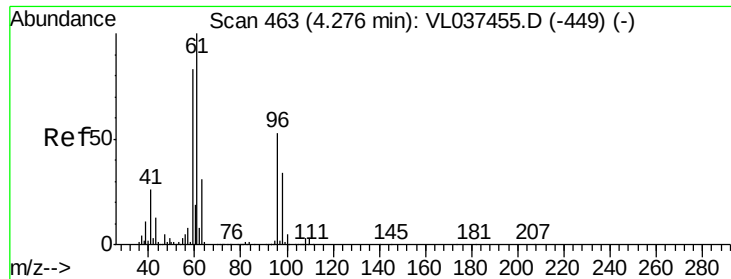
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#6
Bromomethane
Concen: 9.794 ppbv m
RT: 3.47 min Scan# 211
Delta R.T. -0.00 min
Lab File: VL037471.D
Acq: 16 Aug 2021 21:21

Tgt Ion: 94 Resp: 540021
Ion Ratio Lower Upper
94 100
96 93.3 74.5 111.7





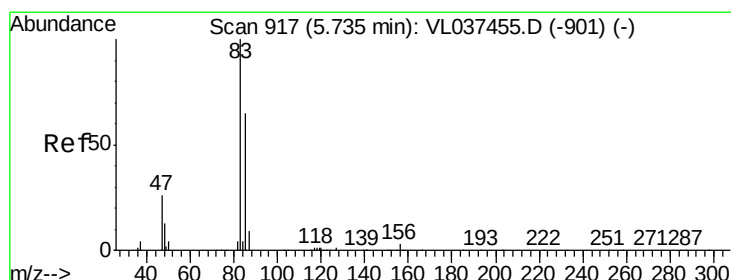
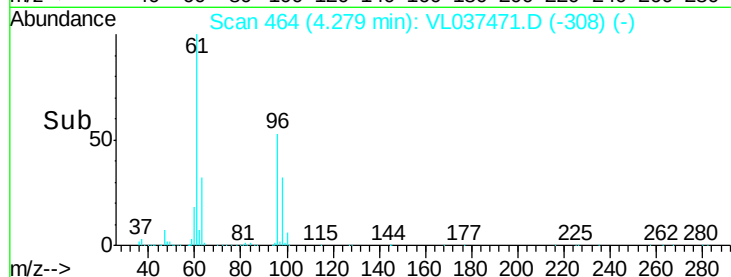
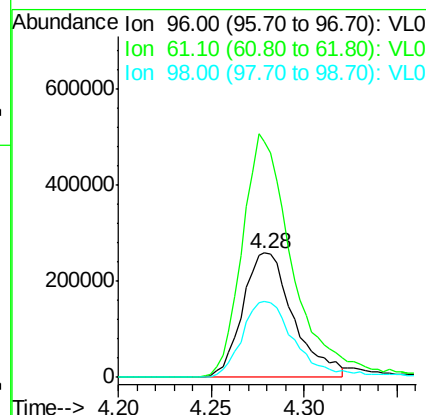
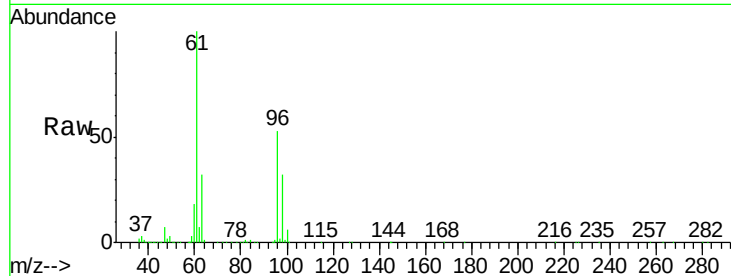
#18
 1,1-Dichloroethene
 Concen: 6.834 ppbv
 RT: 4.28 min Scan# 464
 Delta R.T. 0.00 min
 Lab File: VL037471.D
 Acq: 16 Aug 2021 21:21

Instrument :
 MSVOA_L
 ClientSampleId :
 E053-1100DL

Tot Ion	Ion	Ratio	Lower	Upper
96	96	100		
61	61	189.1	151.1	226.7
98	98	61.1	51.8	77.8

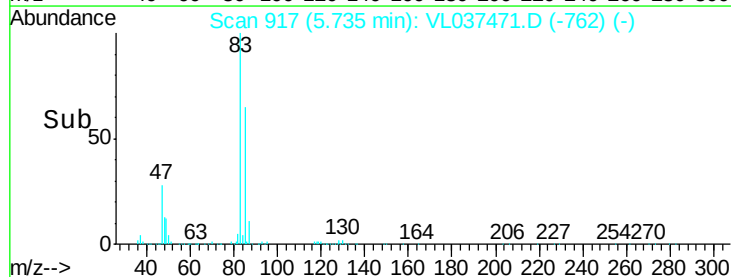
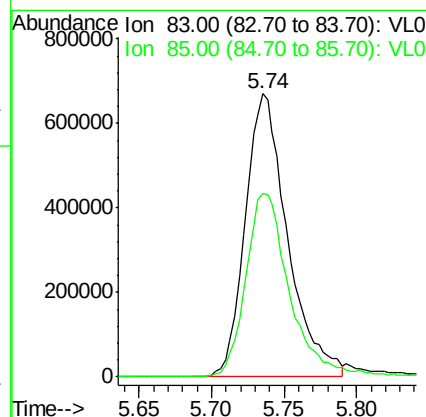
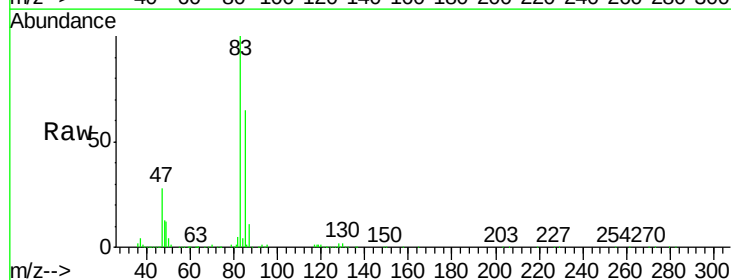
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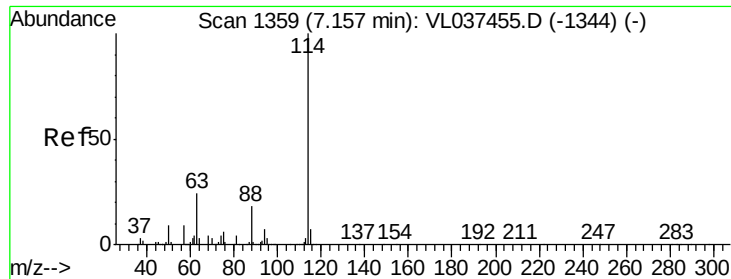
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#29
 Chloroform
 Concen: 5.293 ppbv
 RT: 5.74 min Scan# 917
 Delta R.T. -0.00 min
 Lab File: VL037471.D
 Acq: 16 Aug 2021 21:21

Tgt Ion	Ion	Ratio	Lower	Upper
83	83	100		
85	85	64.7	52.3	78.5





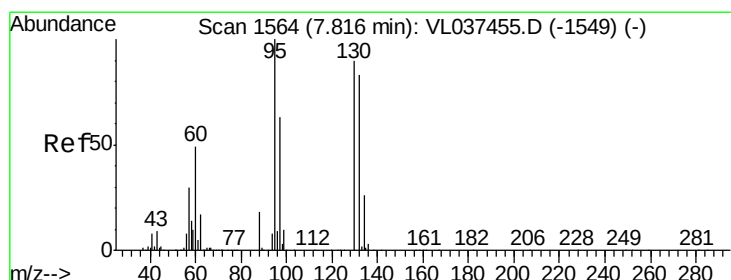
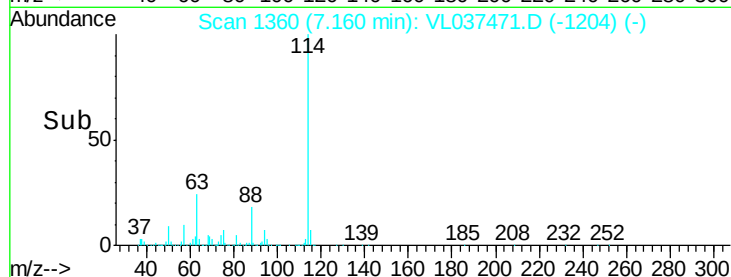
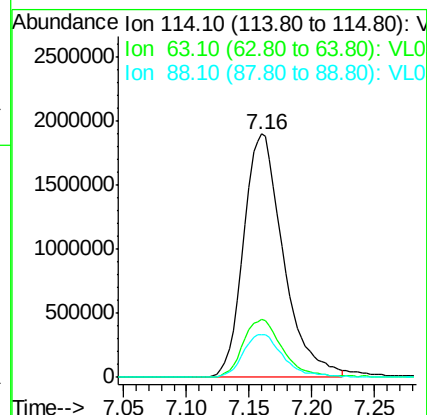
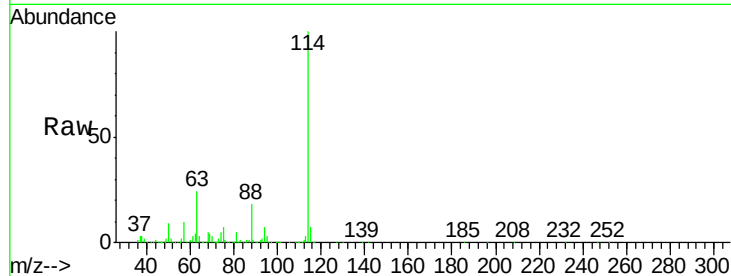
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16 min Scan# 1360
Delta R.T. 0.00 min
Lab File: VL037471.D
Acq: 16 Aug 2021 21:21

Instrument :
MSVOA_L
ClientSampleId :
E053-1100DL

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.3	19.3	28.9
88	18.2	14.2	21.4

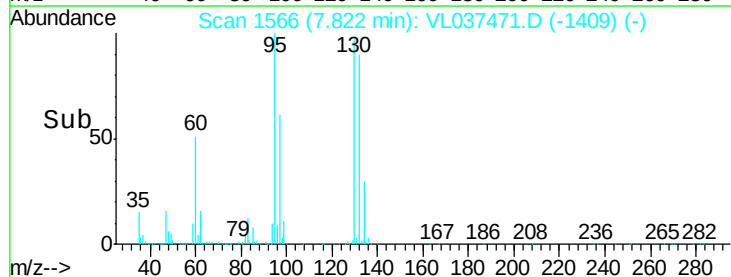
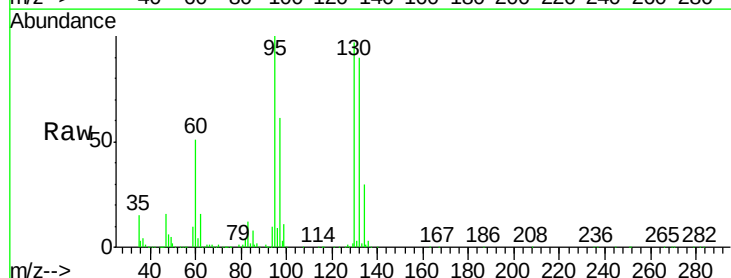
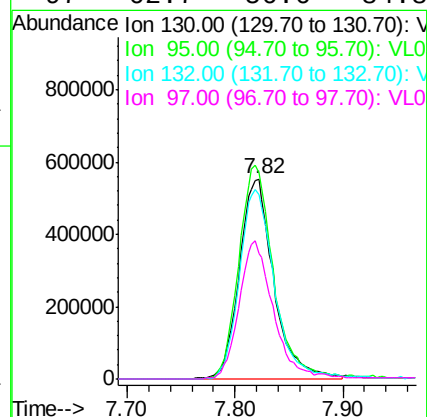
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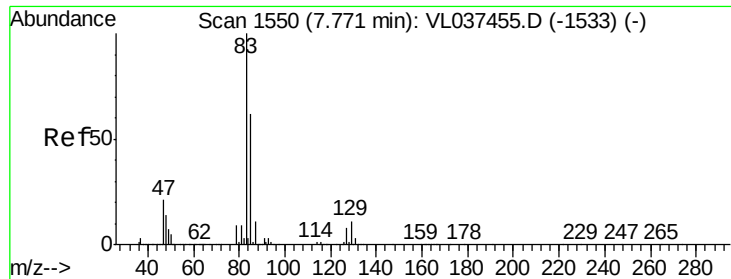
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#38
Trichloroethene
Concen: 8.512 ppbv
RT: 7.82 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VL037471.D
Acq: 16 Aug 2021 21:21

Tgt Ion	Ratio	Lower	Upper
130	100		
95	103.0	89.2	133.8
132	92.4	74.0	111.0
97	62.7	56.6	84.8





#42

Bromodichloromethane

Concen: 9.905 ppbv

RT: 7.77 min Scan# 1551

Delta R.T. 0.00 min

Lab File: VL037471.D

Acq: 16 Aug 2021 21:21

Instrument :

MSVOA_L

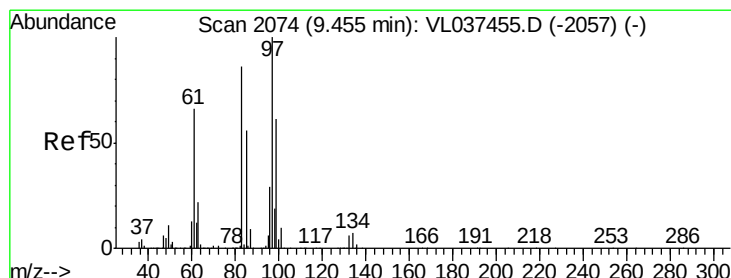
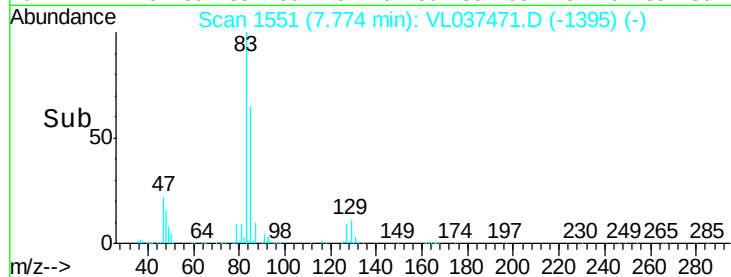
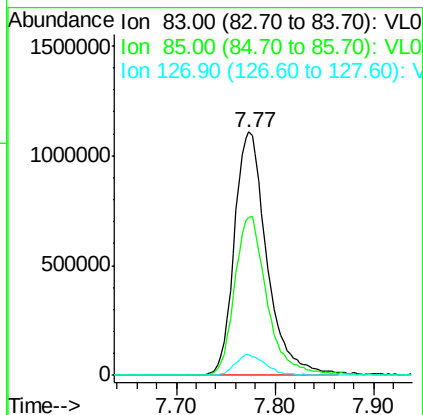
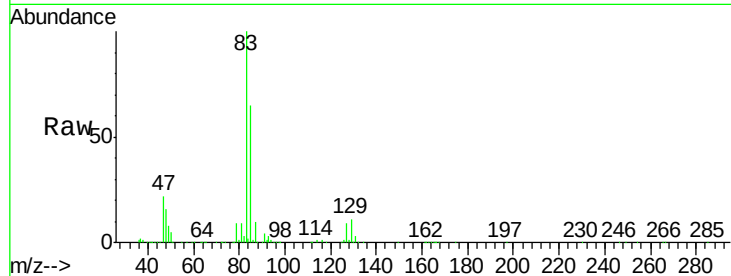
ClientSampleId :

E053-1100DL

Tot Ion:	83	Resp:	2533797
Ion	Ratio	Lower	Upper
83	100		
85	64.7	49.5	74.3
127	8.8	6.3	9.5

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#47

1,1,2-Trichloroethane

Concen: 6.355 ppbv

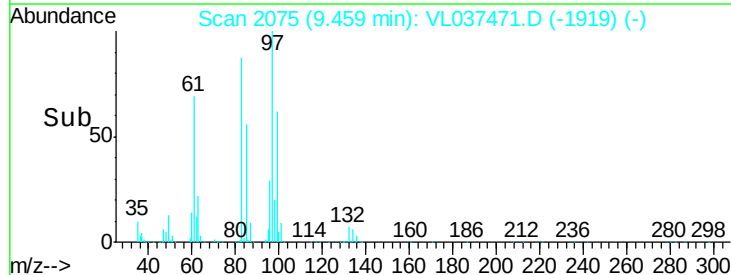
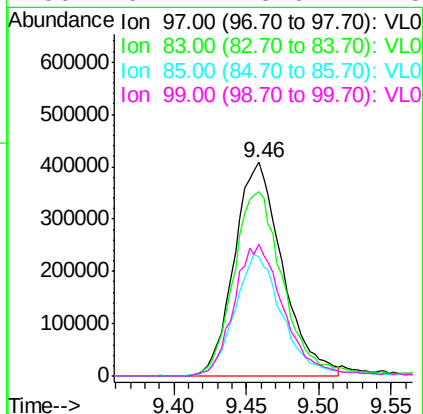
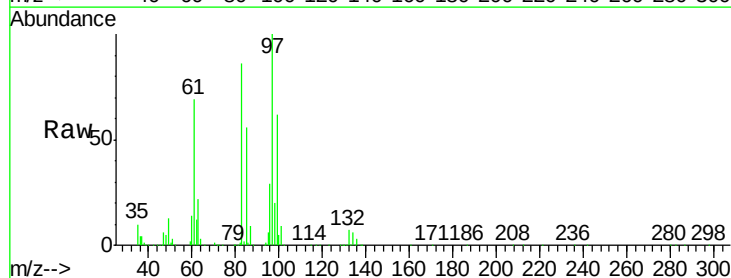
RT: 9.46 min Scan# 2075

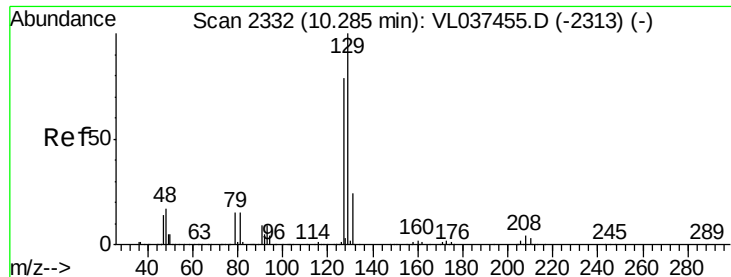
Delta R.T. 0.00 min

Lab File: VL037471.D

Acq: 16 Aug 2021 21:21

Tgt Ion:	97	Resp:	931910
Ion	Ratio	Lower	Upper
97	100		
83	86.4	68.7	103.1
85	55.7	44.7	67.1
99	61.7	48.6	72.8





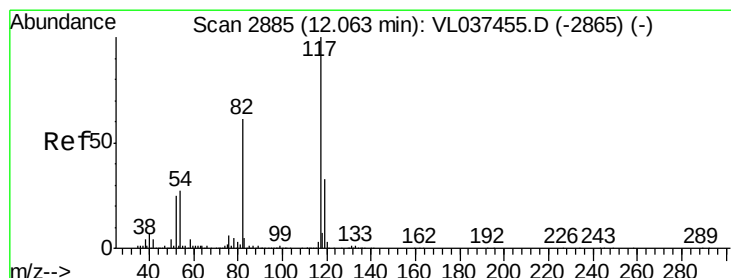
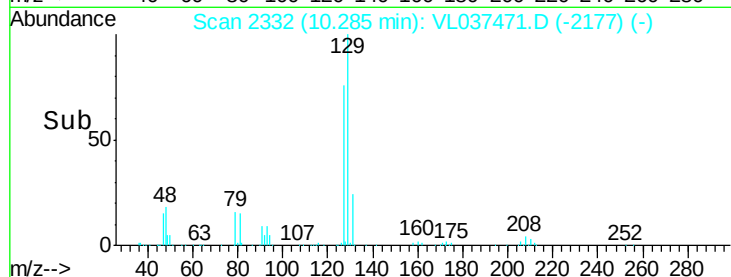
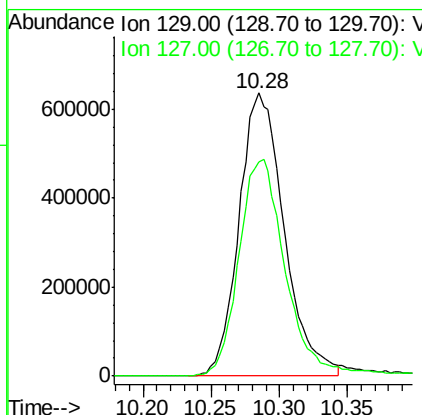
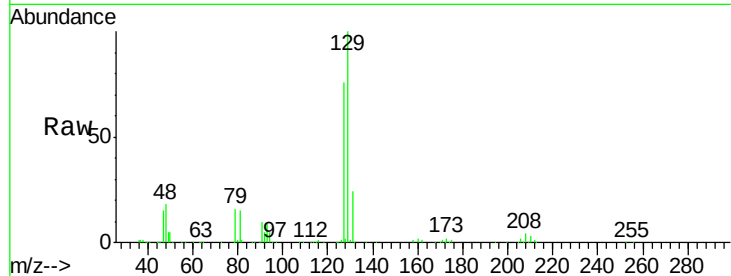
#48
 Dibromochloromethane
 Concen: 6.912 ppbv
 RT: 10.28 min Scan# 2332
 Delta R.T. -0.00 min
 Lab File: VL037471.D
 Acq: 16 Aug 2021 21:21

Instrument :
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 E053-1100DL

Tot Ion:129 Resp: 1458559
 Ion Ratio Lower Upper
 129 100
 127 81.0 40.0 120.0

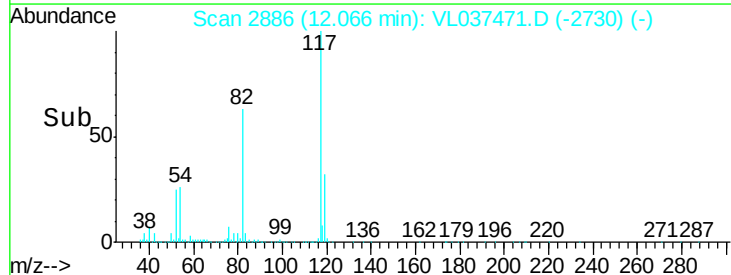
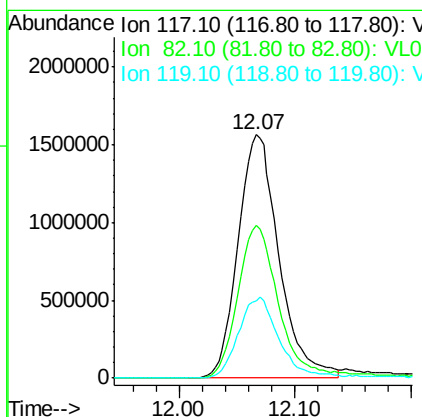
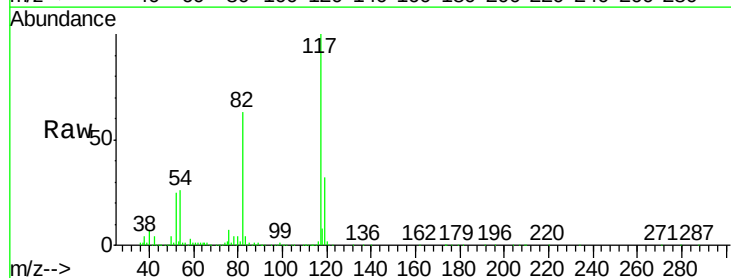
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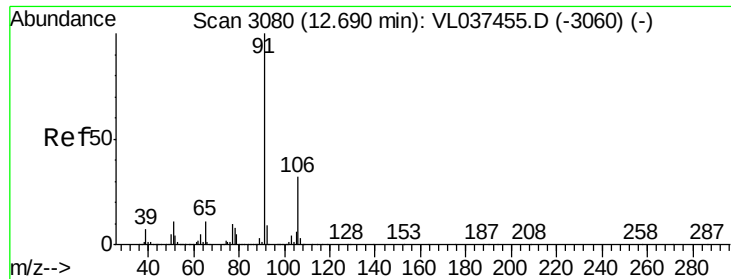
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#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.07 min Scan# 2886
 Delta R.T. 0.00 min
 Lab File: VL037471.D
 Acq: 16 Aug 2021 21:21

Tgt Ion:117 Resp: 3832609
 Ion Ratio Lower Upper
 117 100
 82 65.0 52.9 79.3
 119 34.0 24.8 37.2





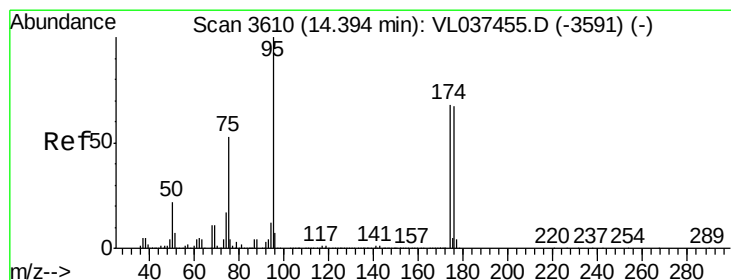
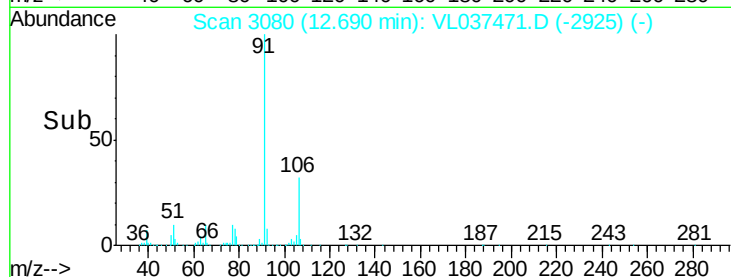
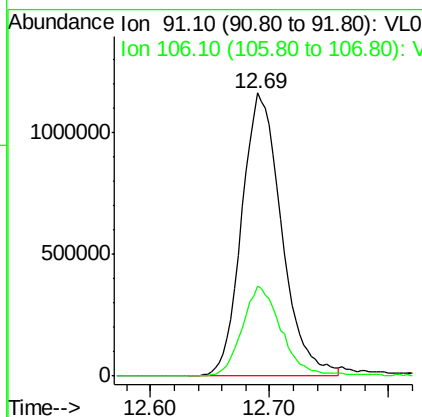
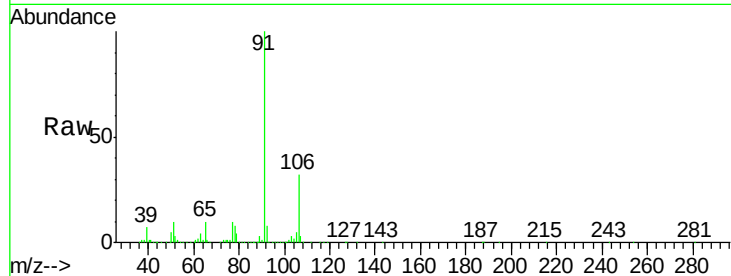
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Ethyl Benzene
Concen: 5.064 ppbv
RT: 12.69 min Scan# 3080
Delta R.T. -0.00 min
Lab File: VL037471.D
Acq: 16 Aug 2021 21:21

Instrument :
MSVOA_L
ClientSampleId :
E053-1100DL

Tot Ion: 91 Resp: 2693315
Ion Ratio Lower Upper
91 100
106 31.7 25.7 38.5

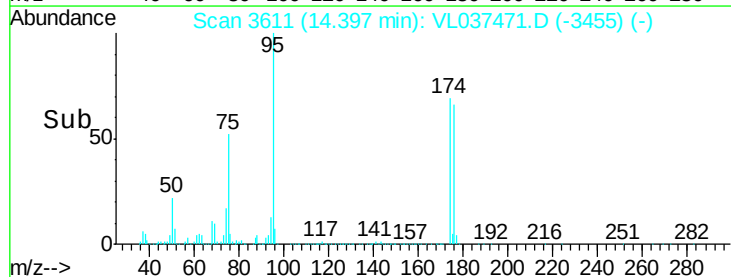
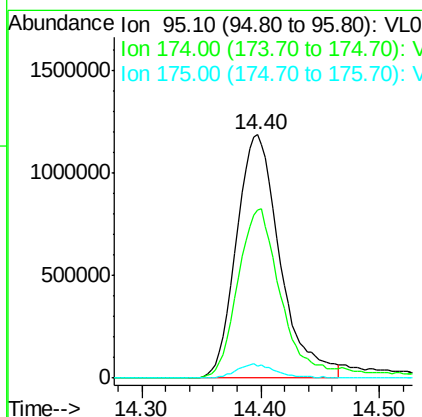
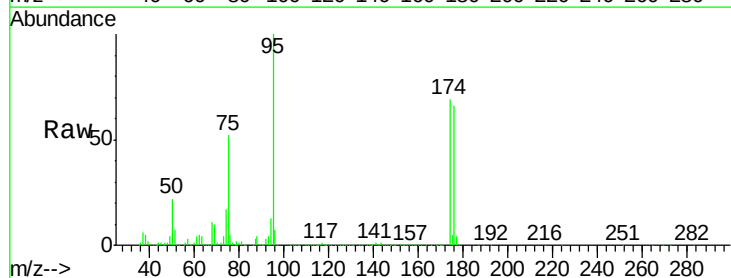
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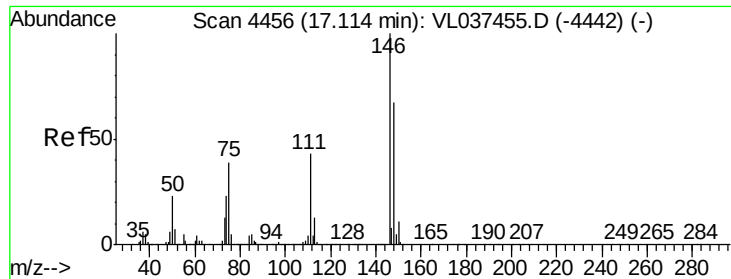
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#68
1-Bromo-4-Fluorobenzene
Concen: 11.079 ppbv
RT: 14.40 min Scan# 3611
Delta R.T. 0.00 min
Lab File: VL037471.D
Acq: 16 Aug 2021 21:21

Tgt Ion: 95 Resp: 3016571
Ion Ratio Lower Upper
95 100
174 73.5 59.6 89.4
175 5.6 4.6 7.0





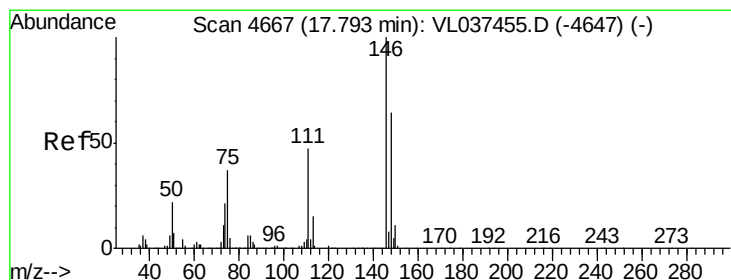
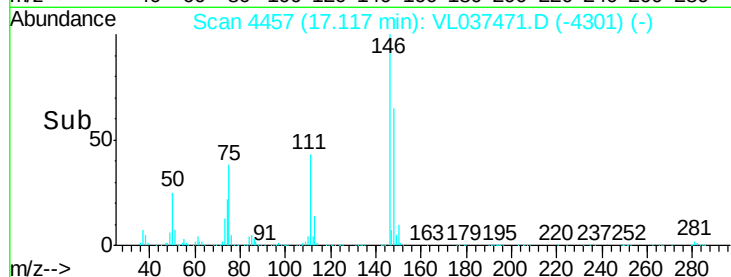
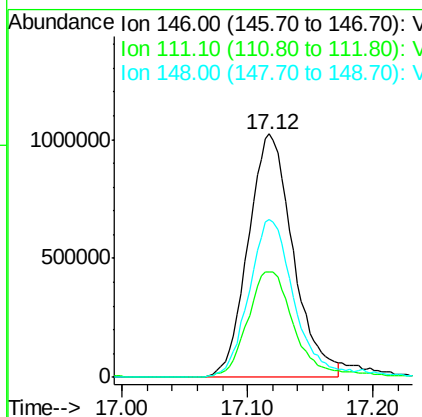
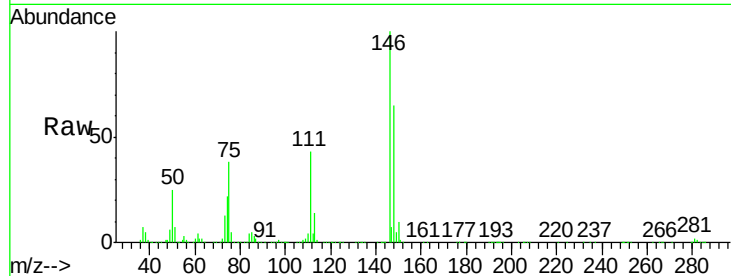
#76
 1,4-Dichlorobenzene
 Concen: 8.320 ppbv
 RT: 17.12 min Scan# 4457
 Delta R.T. 0.00 min
 Lab File: VL037471.D
 Acq: 16 Aug 2021 21:21

Instrument :
 MSVOA_L
 ClientSampleID :
 E053-1100DL

Tot Ion	Ratio	Lower	Upper
146	100		
111	45.9	22.1	66.5
148	67.0	32.4	97.0

Manual Integrations
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#77
 1,2-Dichlorobenzene
 Concen: 8.386 ppbv
 RT: 17.80 min Scan# 4668
 Delta R.T. 0.00 min
 Lab File: VL037471.D
 Acq: 16 Aug 2021 21:21

Tgt Ion	Ratio	Lower	Upper
146	100		
111	48.9	23.4	70.3
148	65.3	32.5	97.5

