

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL092321\
 Data File : VL037657.D
 Acq On : 23 Sep 2021 11:40
 Operator : SY/AP
 Sample : CAN 10024
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 CAN 10024

Manual Integrations
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 9/27/2021 10:56:27 AM

Quant Time: Sep 24 06:48:58 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Sep 1
 QLast Update : Thu Sep 16 13:42:46 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1529538	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.18	114	4558757	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.09	117	3951049	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2749147	9.63	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.30%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Vinyl Chloride	3.26	62	5314m	0.053	ppbv	
9) Propene	3.02	41	17866m	0.176	ppbv	
15) Acetone	3.89	43	25572m	0.161	ppbv	
20) Methylene Chloride	4.35	84	40641	0.536	ppbv	98
26) Hexane	5.69	57	35461	0.194	ppbv #	54
32) 1,1,1-Trichloroethane	6.52	97	13262m	0.053	ppbv	
35) Carbon Tetrachloride	7.02	117	12945m	0.050	ppbv	
38) Trichloroethene	7.83	130	7962m	0.050	ppbv	
52) Tetrachloroethene	11.22	164	8202m	0.056	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.69	83	17540m	0.052	ppbv	

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

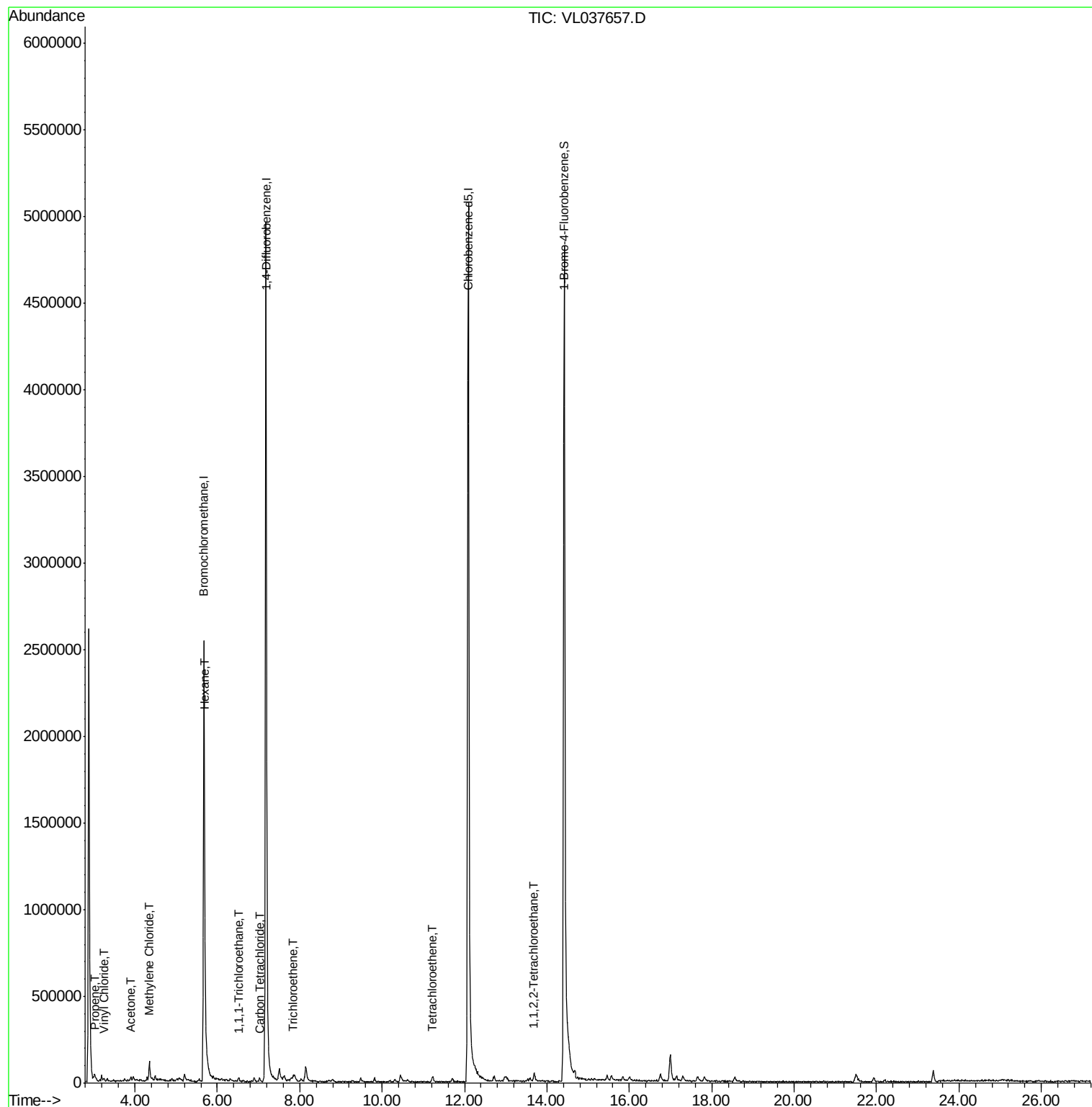
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_L\DATA\VL092321\
Data File : VL037657.D
Acq On : 23 Sep 2021 11:40
Operator : SY/AP
Sample : CAN 10024
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

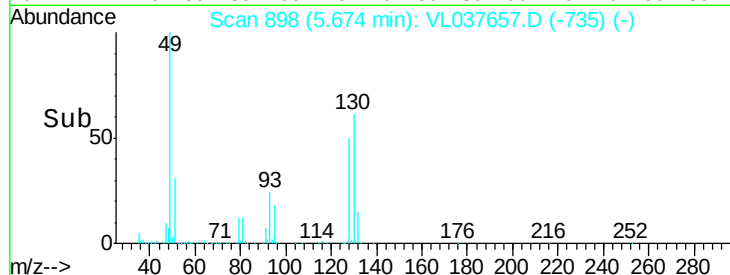
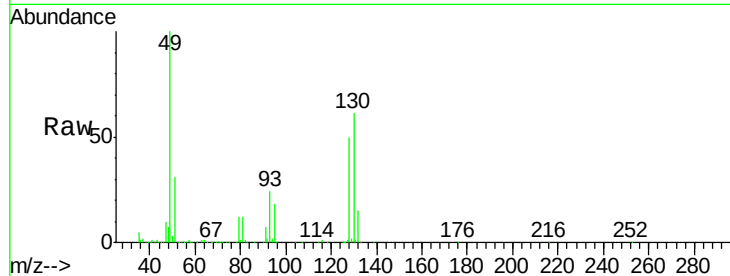
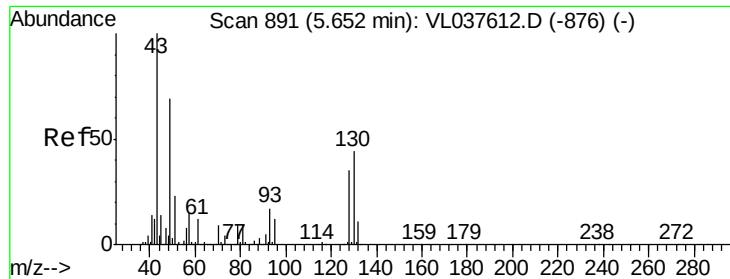
Instrument :
MSVOA_L
ClientSampleId :
CAN 10024

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Quant Time: Sep 24 06:48:58 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_L\METHODS\VL091621AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Sep
QLast Update : Thu Sep 16 13:42:46 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 898

Delta R.T. 0.02 min

Lab File: VL037657.D

Acq: 23 Sep 2021 11:40

Tgt Ion:	49	Resp:	1529538
Ion	Ratio	Lower	Upper
49	100		
128	54.5	27.9	83.6
130	67.9	33.9	101.7

Instrument :

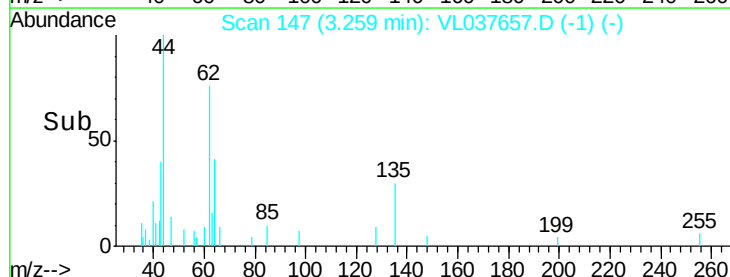
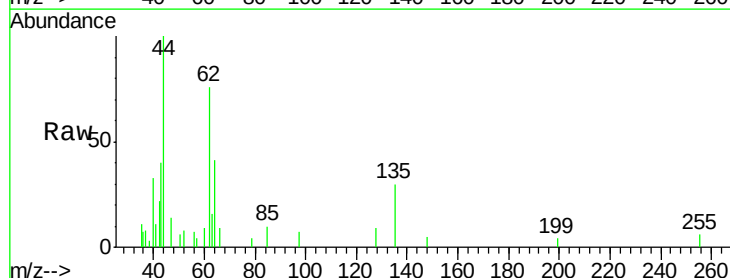
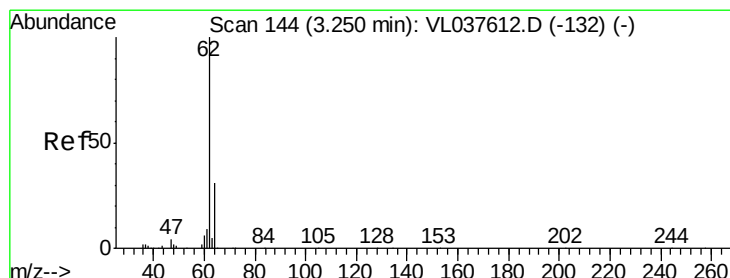
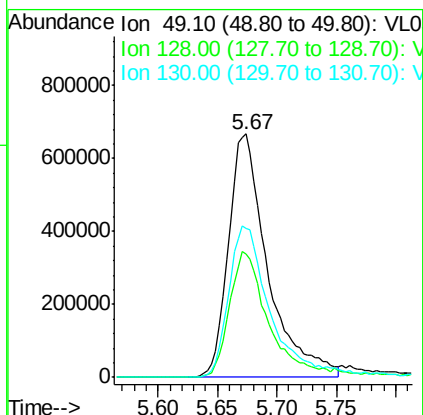
MSVOA_L

ClientSampleId :

CAN 10024

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#5

Vinyl Chloride

Concen: 0.053 ppbv m

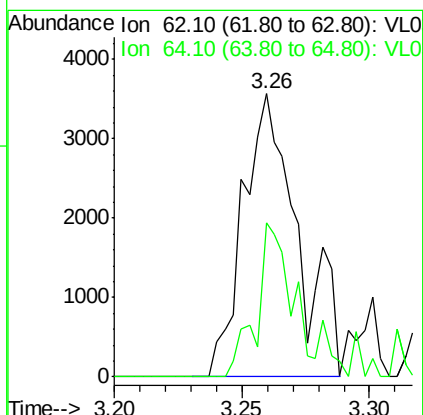
RT: 3.26 min Scan# 147

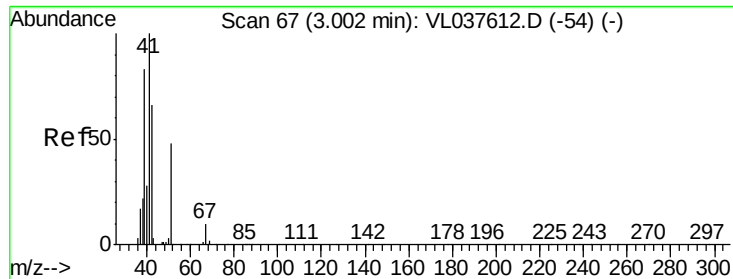
Delta R.T. 0.01 min

Lab File: VL037657.D

Acq: 23 Sep 2021 11:40

Tgt Ion:	62	Resp:	5314
Ion	Ratio	Lower	Upper
62	100		
64	54.6	24.9	37.3#





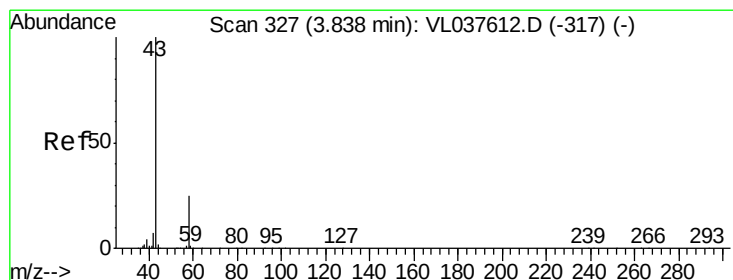
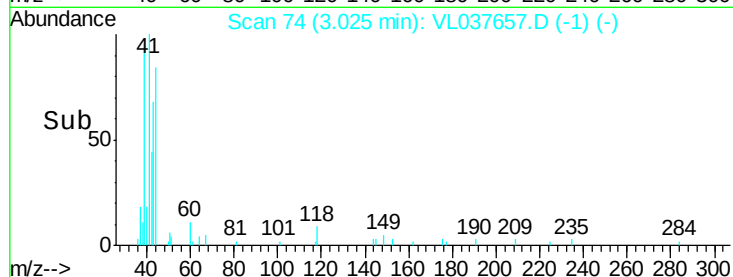
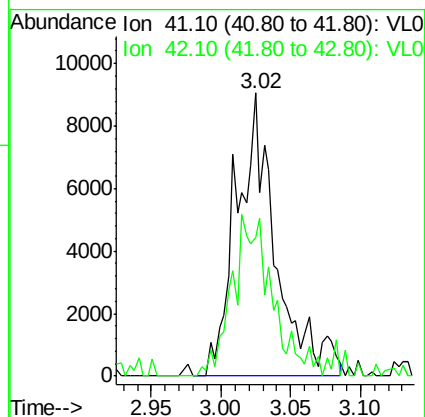
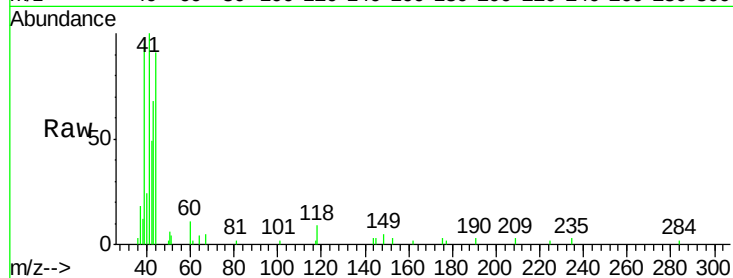
#9
 Propene
 Concen: 0.176 ppbv m
 RT: 3.02 min Scan# 74
 Delta R.T. 0.02 min
 Lab File: VL037657.D
 Acq: 23 Sep 2021 11:40

Instrument :
 MSVOA_L
 ClientSampleId :
 CAN 10024

Tgt Ion: 41 Resp: 17866
 Ion Ratio Lower Upper
 41 100
 42 58.5 57.2 85.8

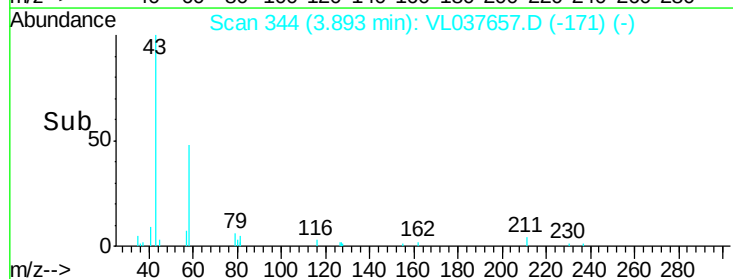
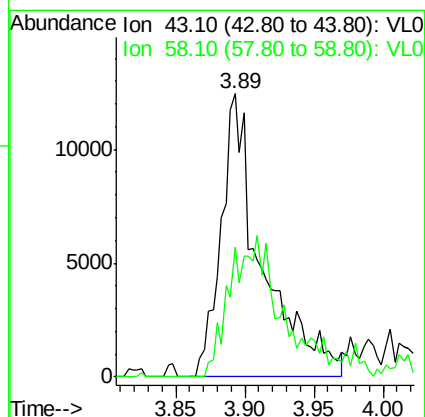
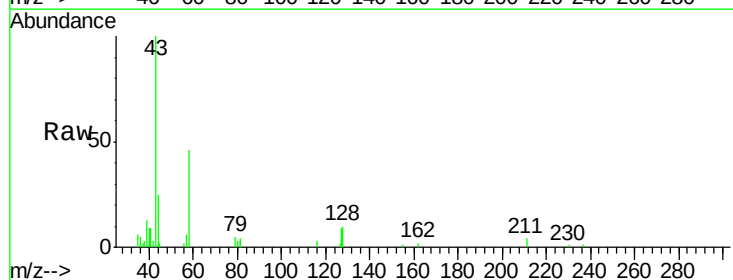
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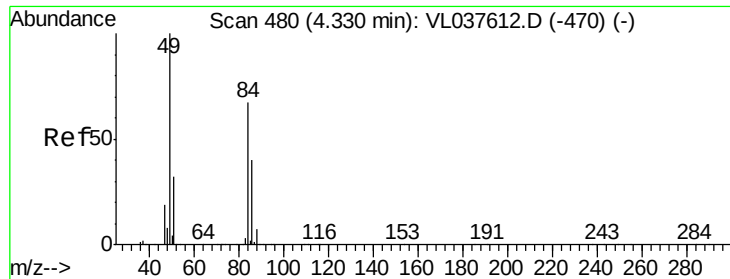
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#15
 Acetone
 Concen: 0.161 ppbv m
 RT: 3.89 min Scan# 344
 Delta R.T. 0.05 min
 Lab File: VL037657.D
 Acq: 23 Sep 2021 11:40

Tgt Ion: 43 Resp: 25572
 Ion Ratio Lower Upper
 43 100
 58 0.0 24.9 37.3#





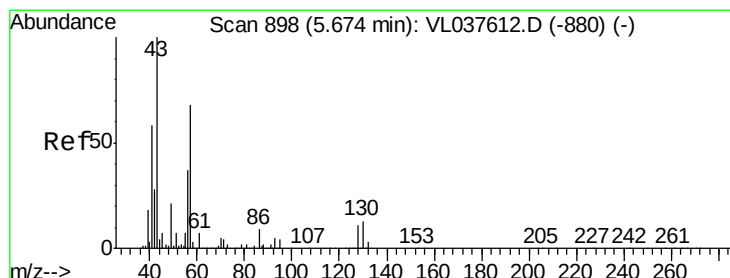
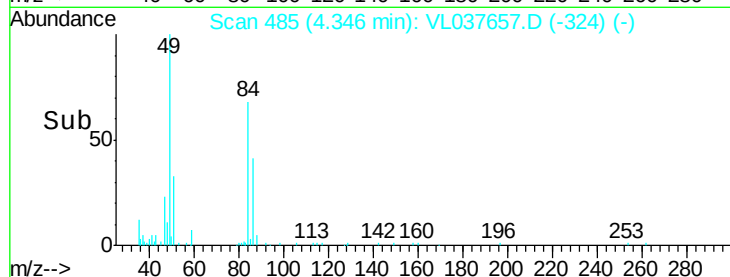
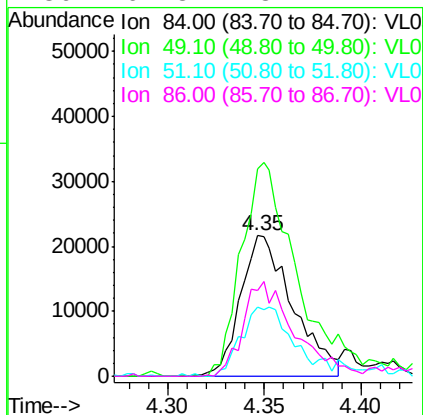
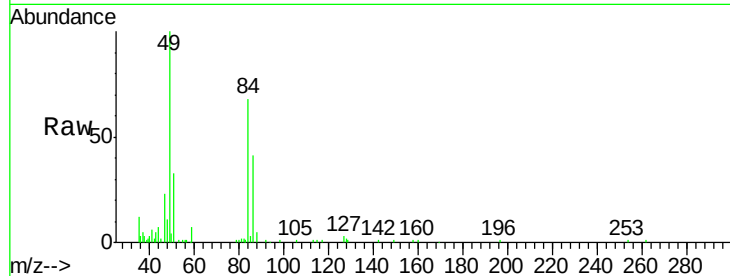
#20
Methylene Chloride
Concen: 0.536 ppbv
RT: 4.35 min Scan# 485
Delta R.T. 0.02 min
Lab File: VL037657.D
Acq: 23 Sep 2021 11:40

Instrument :
MSVOA_L
ClientSampleId :
CAN 10024

Tgt Ion	Ratio	Lower	Upper
84	100		
49	147.8	120.0	180.0
51	49.5	38.0	57.0
86	61.3	48.2	72.2

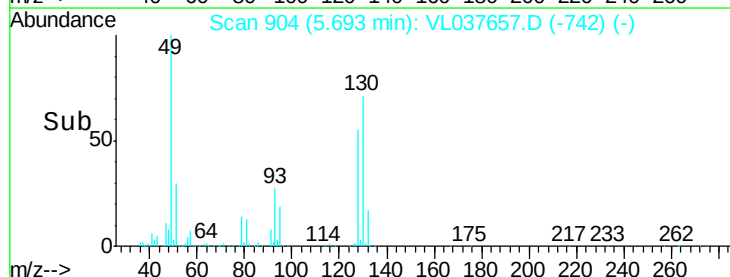
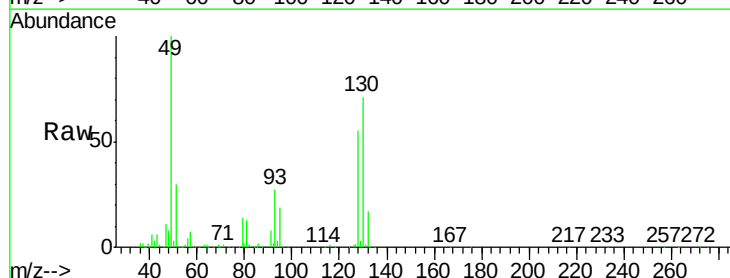
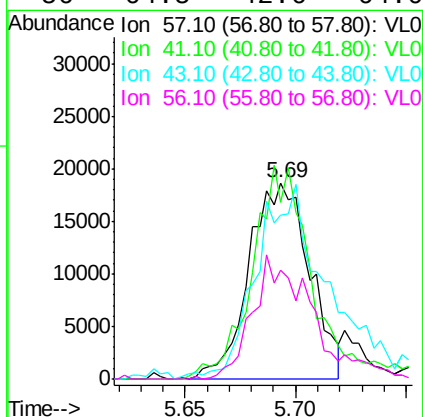
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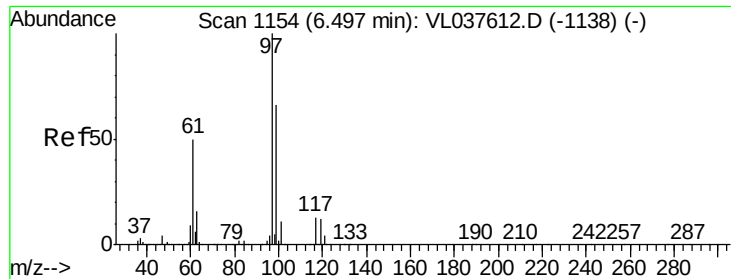
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#26
Hexane
Concen: 0.194 ppbv
RT: 5.69 min Scan# 904
Delta R.T. 0.02 min
Lab File: VL037657.D
Acq: 23 Sep 2021 11:40

Tgt Ion	Ratio	Lower	Upper
57	100		
41	112.9	70.9	106.3#
43	116.4	170.4	255.6#
56	64.5	42.6	64.0#





#32

1,1,1-Trichloroethane

Concen: 0.053 ppbv m

RT: 6.52 min Scan# 1160

Delta R.T. 0.02 min

Lab File: VL037657.D

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Instrument :

MSVOA_L

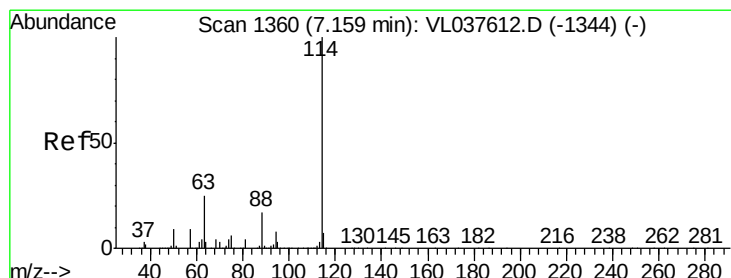
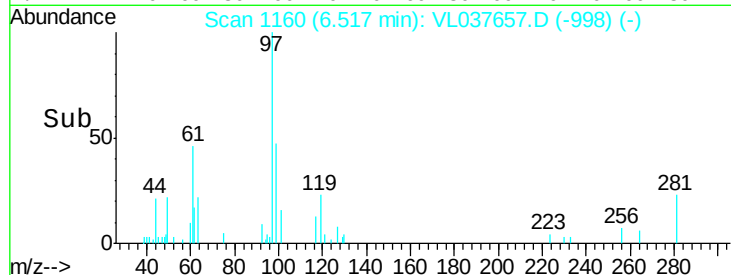
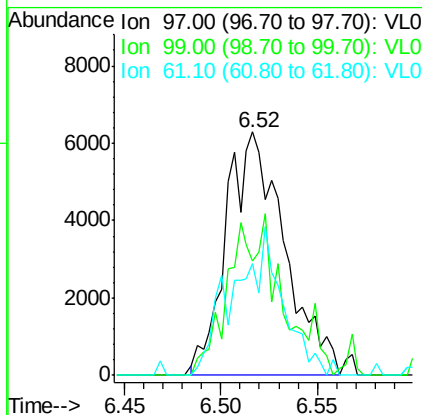
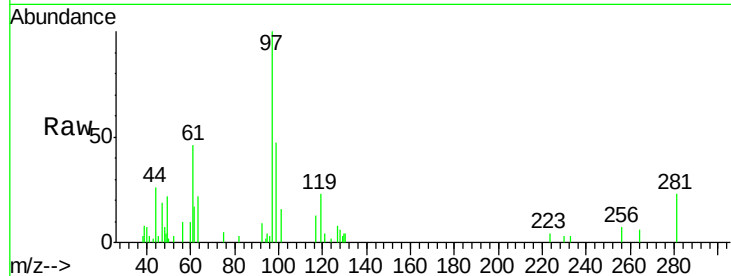
ClientSampleId :

CAN 10024

Tgt Ion:	97	Resp:	13262
Ion	Ratio	Lower	Upper
97	100		
99	62.7	52.3	78.5
61	51.8	39.5	59.3

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#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

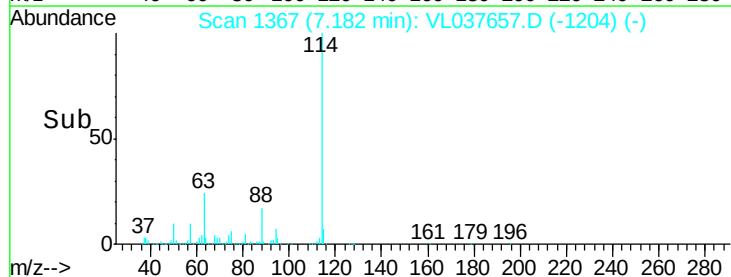
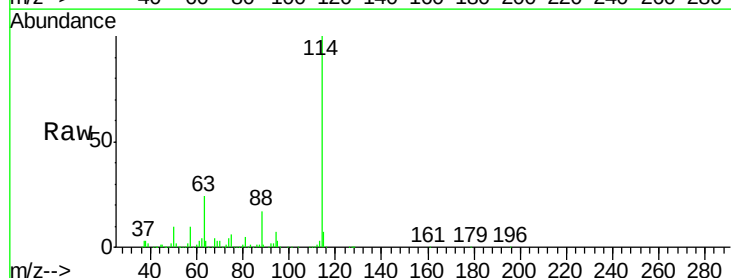
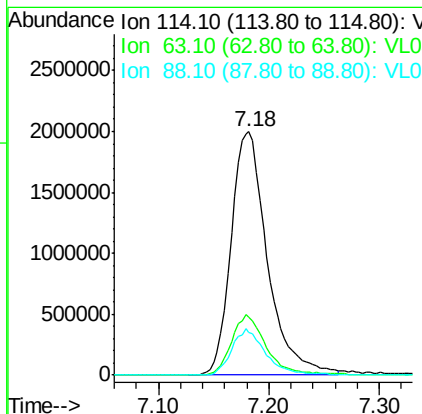
RT: 7.18 min Scan# 1367

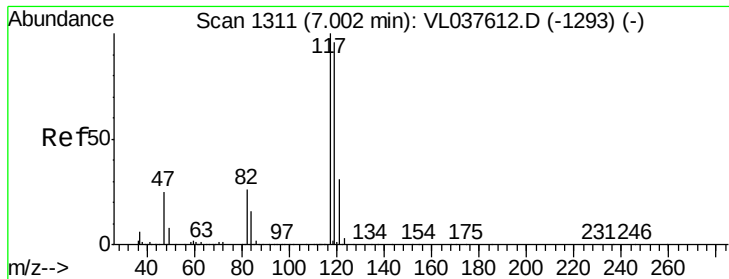
Delta R.T. 0.02 min

Lab File: VL037657.D

Acq: 23 Sep 2021 11:40

Tgt Ion:	114	Resp:	4558757
Ion	Ratio	Lower	Upper
114	100		
63	24.0	19.6	29.4
88	17.9	14.2	21.4





#35

Carbon Tetrachloride

Concen: 0.050 ppbv m

RT: 7.02 min Scan# 1318

Delta R.T. 0.02 min

Lab File: VL037657.D

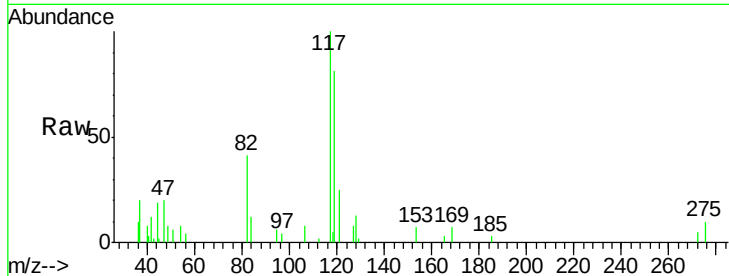
Acq: 23 Sep 2021 11:40

Instrument :

MSVOA_L

ClientSampleId :

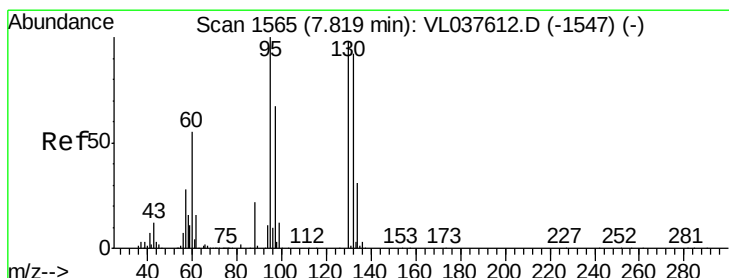
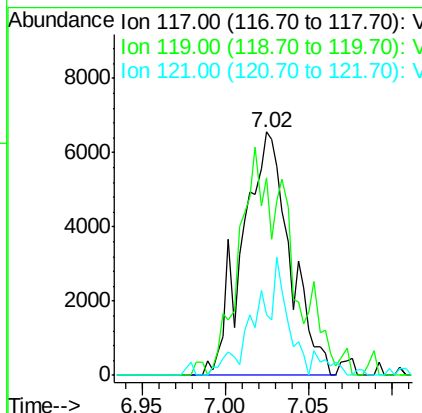
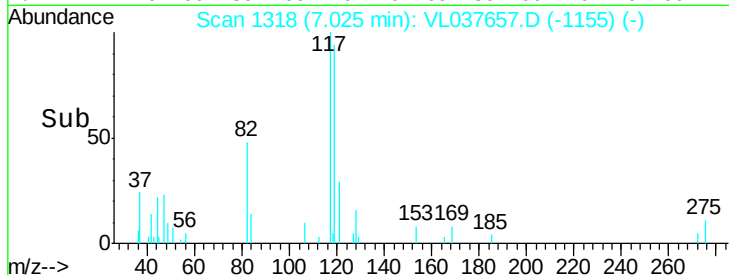
CAN 10024



Tgt Ion:	117	Resp:	12945
Ion Ratio	Lower	Upper	
117	100		
119	81.0	77.0	115.6
121	24.8	24.5	36.7

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#38

Trichloroethene

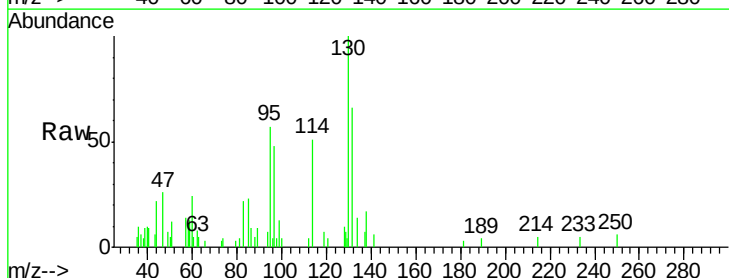
Concen: 0.050 ppbv m

RT: 7.83 min Scan# 1568

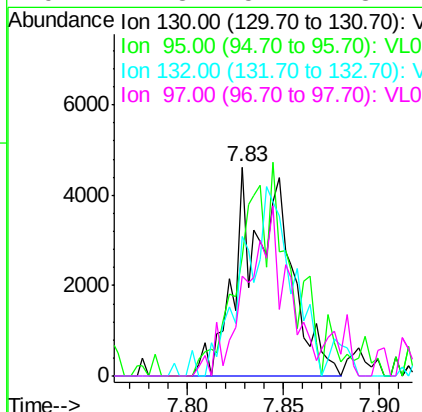
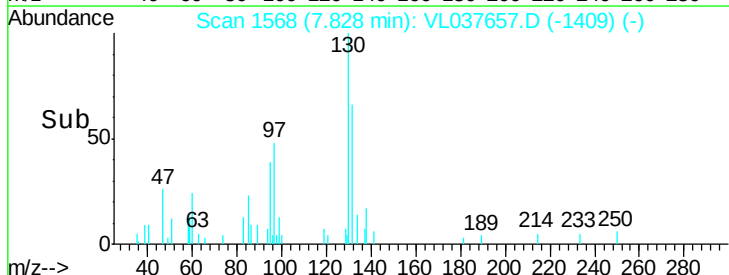
Delta R.T. 0.01 min

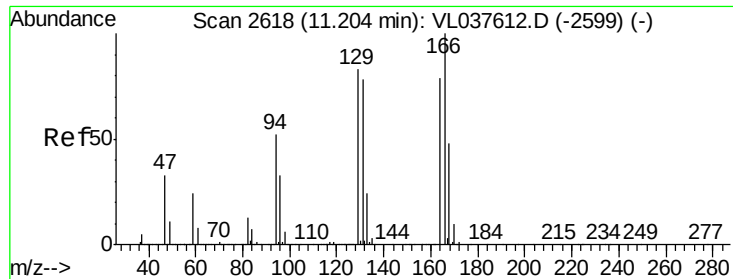
Lab File: VL037657.D

Acq: 23 Sep 2021 11:40



Tgt Ion:	130	Resp:	7962
Ion Ratio	Lower	Upper	
130	100		
95	56.8	81.8	122.6#
132	66.4	75.3	112.9#
97	47.8	54.7	82.1#





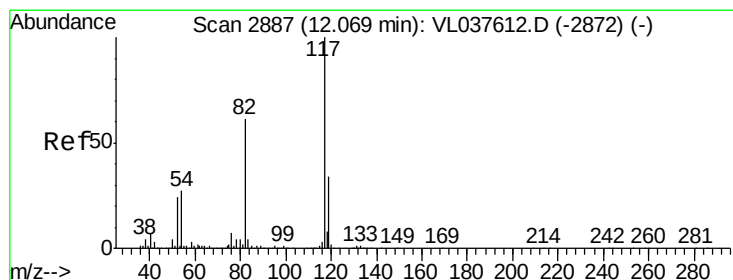
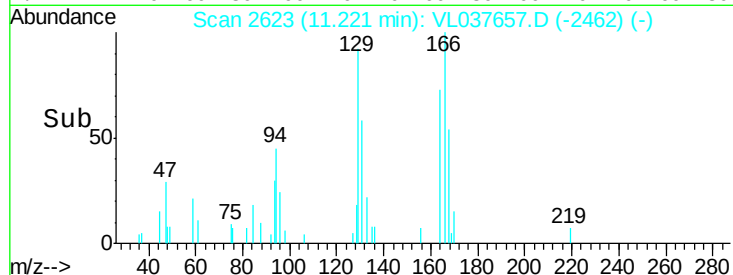
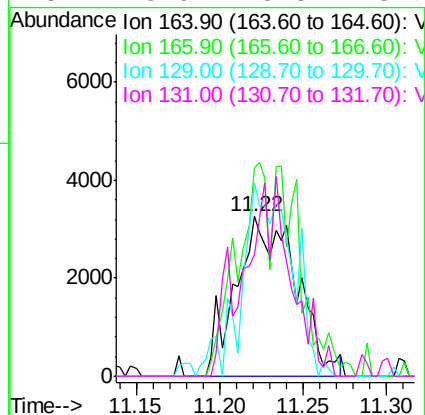
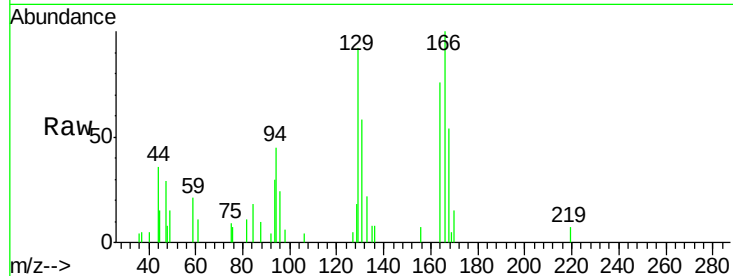
#52
Tetrachloroethene
Concen: 0.056 ppbv m
RT: 11.22 min Scan# 2623
Delta R.T. 0.02 min
Lab File: VL037657.D
Acq: 23 Sep 2021 11:40

Instrument :
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ClientSampleId :
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Tgt Ion:164 Resp: 8202
Ion Ratio Lower Upper
164 100
166 131.0 101.2 151.8
129 120.6 84.0 126.0
131 75.9 78.8 118.2#

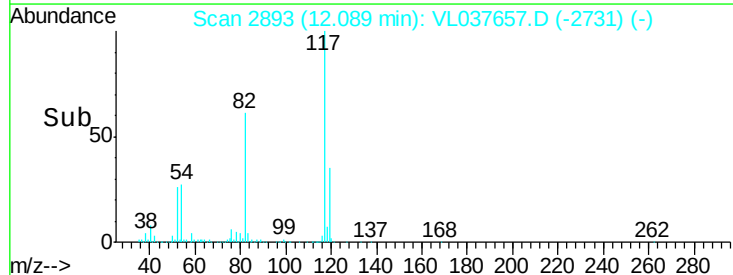
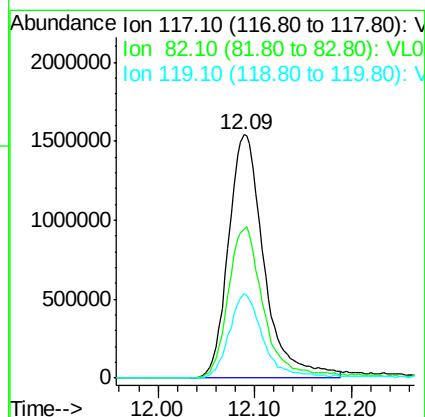
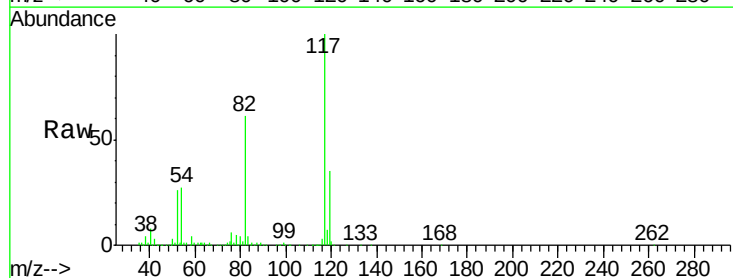
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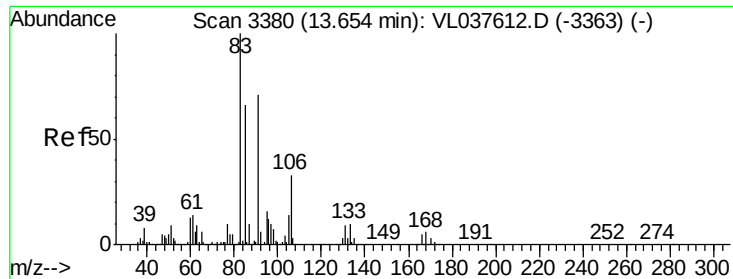
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#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2893
Delta R.T. 0.02 min
Lab File: VL037657.D
Acq: 23 Sep 2021 11:40

Tgt Ion:117 Resp: 3951049
Ion Ratio Lower Upper
117 100
82 63.4 50.6 75.8
119 33.9 26.2 39.2





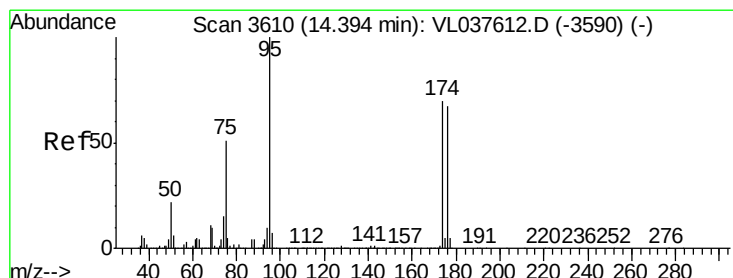
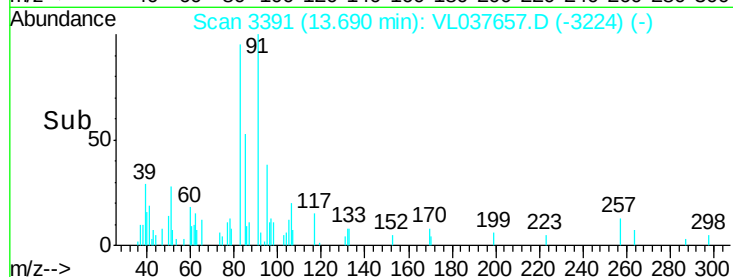
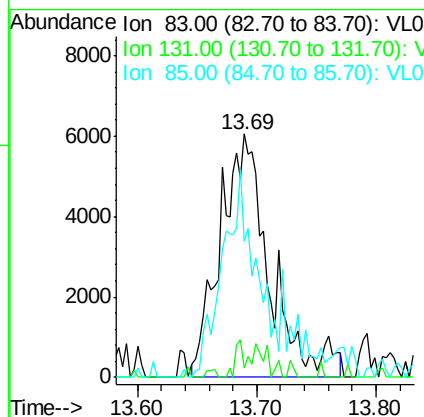
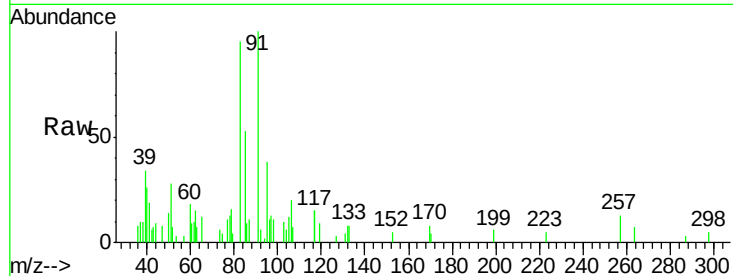
#63
 1,1,2,2-Tetrachloroethane
 Concen: 0.052 ppbv m
 RT: 13.69 min Scan# 3391
 Delta R.T. 0.04 min
 Lab File: VL037657.D
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Tgt Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.1	15.3#
85	0.0	33.3	99.9#

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#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.628 ppbv
 RT: 14.42 min Scan# 3617
 Delta R.T. 0.02 min
 Lab File: VL037657.D
 Acq: 23 Sep 2021 11:40

Tgt Ion	Ratio	Lower	Upper
95	100		
174	76.8	56.3	84.5
175	5.7	4.4	6.6

