

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL080520\
 Data File : VL035337.D
 Acq On : 5 Aug 2020 11:14
 Operator : SY/AP
 Sample : VSTDIC0.1
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.1

Manual Integrations
 APPROVED

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 8/6/2020 12:48:58 PM

Quant Time: Aug 05 12:09:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL080520AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Aug 05 2020
 QLast Update : Wed Aug 05 09:32:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1315051	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3327687	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	3181180	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	2674026	10.04	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl Chloride	3.22	62	9432m	0.112	ppbv	
32) 1,1,1-Trichloroethane	6.50	97	22945	0.109	ppbv	93
35) Carbon Tetrachloride	7.01	117	26273m	0.122	ppbv	
38) Trichloroethene	7.84	130	10101m	0.113	ppbv	
52) Tetrachloroethene	11.25	164	8781m	0.102	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.71	83	28487m	0.114	ppbv	

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

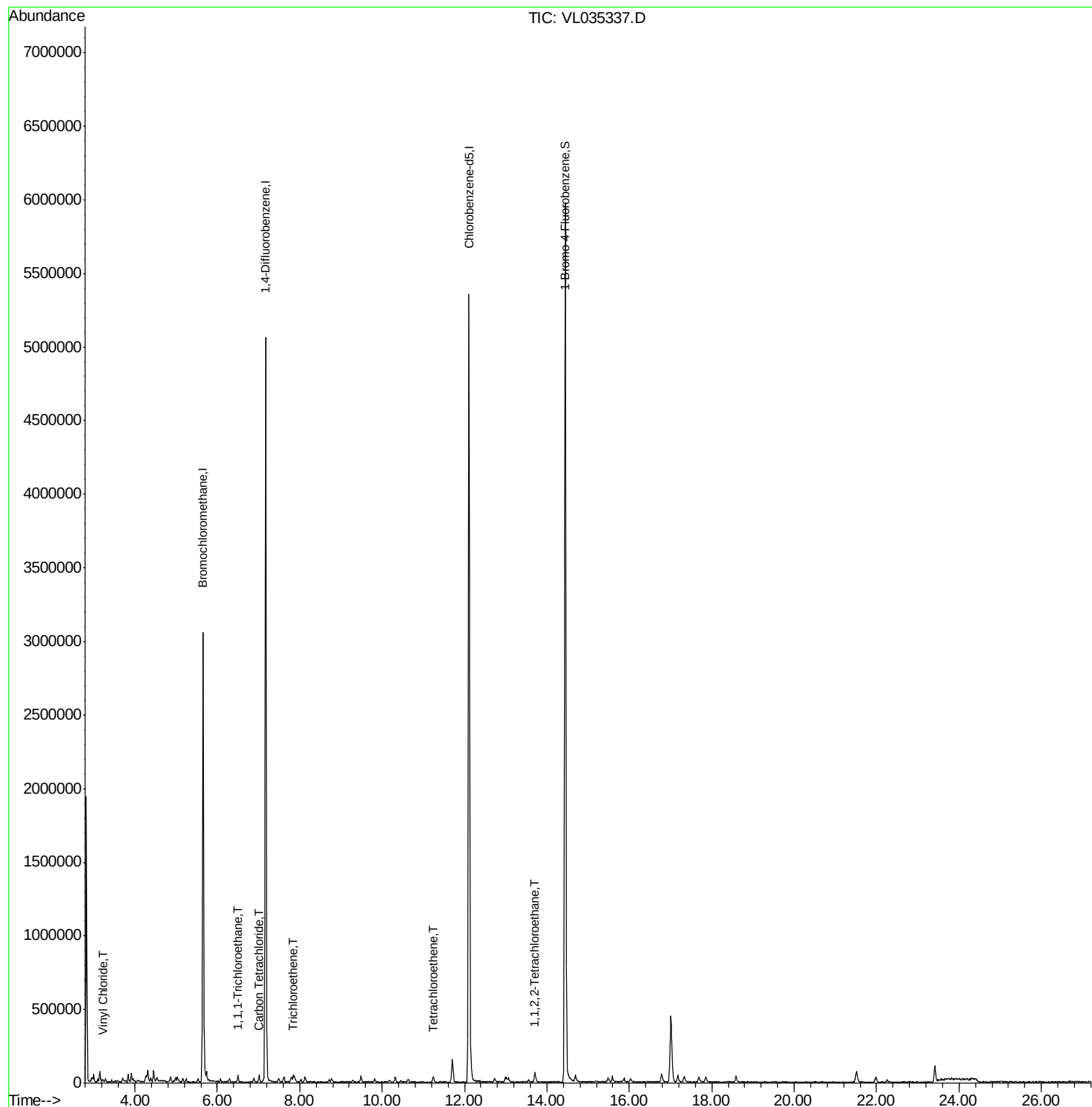
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL080520\
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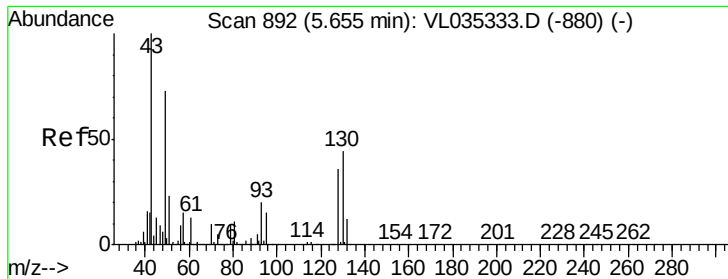
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL080520AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Aug
QLast Update : Wed Aug 05 09:32:28 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 891

Delta R.T. -0.00 min

Lab File: VL035337.D

Acq: 5 Aug 2020 11:14

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCO.1

Tot Ion: 49 Resp: 1315051

Ion Ratio Lower Upper

49 100

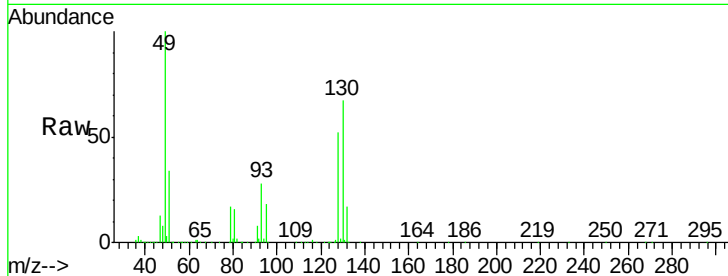
128 51.5 25.4 76.0

130 66.5 32.1 96.3

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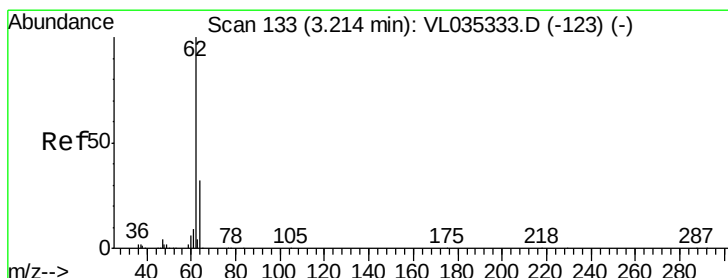
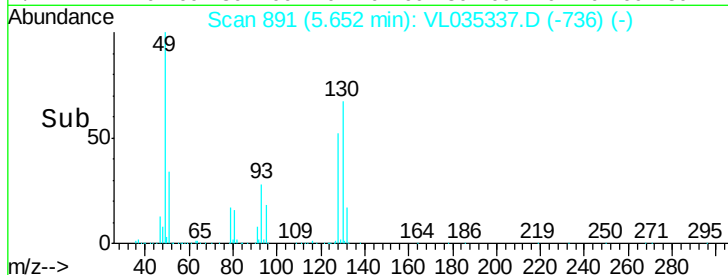
Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0

5.65

Time-->



#5

Vinyl Chloride

Concen: 0.112 ppbv m

RT: 3.22 min Scan# 134

Delta R.T. 0.00 min

Lab File: VL035337.D

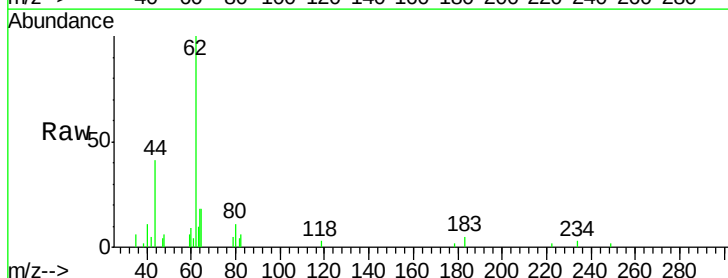
Acq: 5 Aug 2020 11:14

Tgt Ion: 62 Resp: 9432

Ion Ratio Lower Upper

62 100

64 18.1 25.8 38.6#

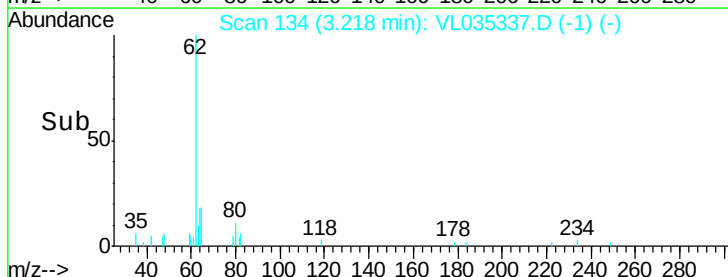


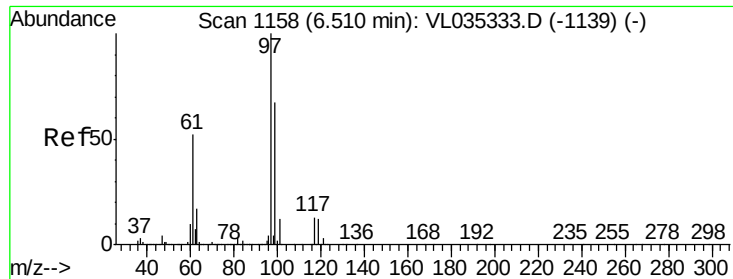
Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0

3.22

Time-->





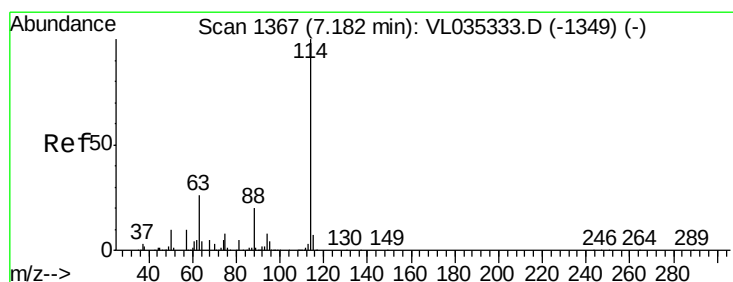
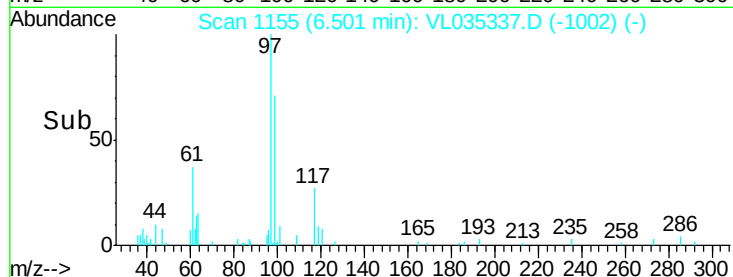
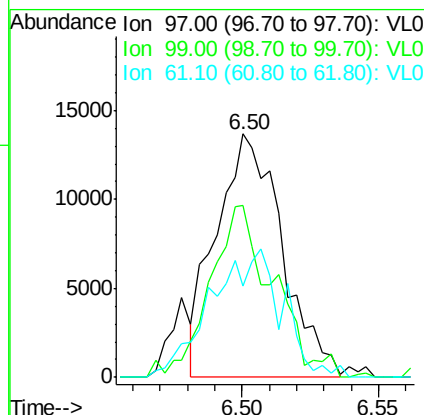
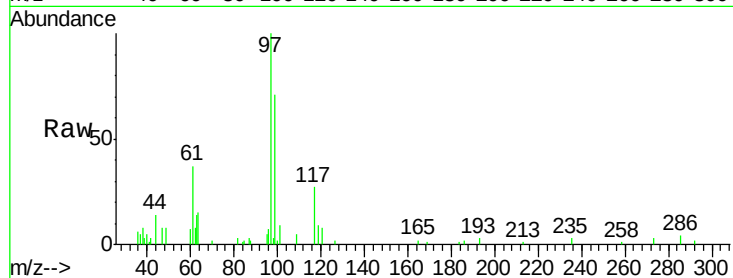
#32
 1,1,1-Trichloroethane
 Concen: 0.109 ppbv
 RT: 6.50 min Scan# 1155
 Delta R.T. -0.01 min
 Lab File: VL035337.D
 Acq: 5 Aug 2020 11:14

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.1

Tot Ion	Ratio	Lower	Upper
97	100		
99	69.4	52.2	78.4
61	57.2	40.9	61.3

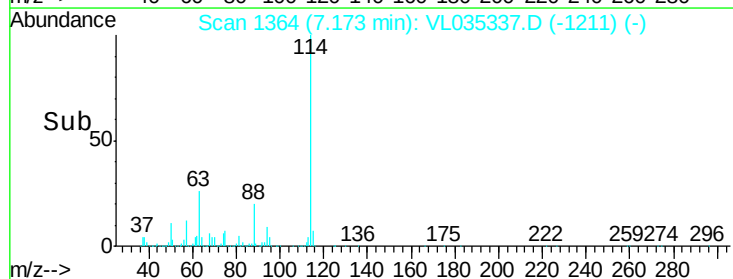
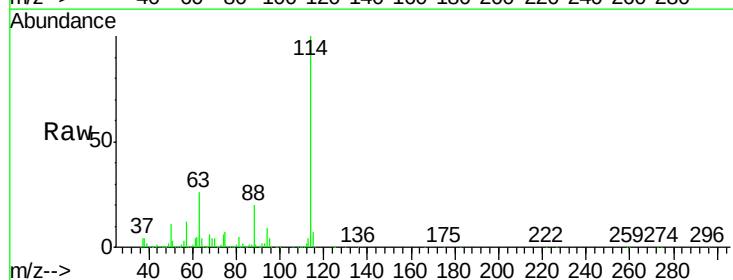
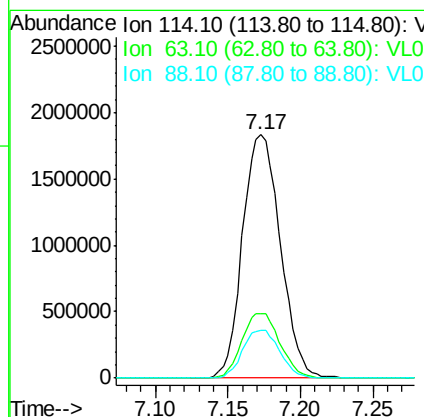
Manual Integrations
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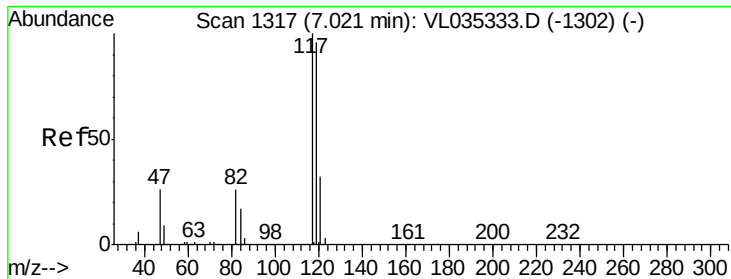
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#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1364
 Delta R.T. -0.01 min
 Lab File: VL035337.D
 Acq: 5 Aug 2020 11:14

Tgt Ion	Ratio	Lower	Upper
114	100		
63	27.0	21.3	31.9
88	19.4	15.3	22.9





#35

Carbon Tetrachloride

Concen: 0.122 ppbv m

RT: 7.01 min Scan# 1314

Delta R.T. -0.01 min

Lab File: VL035337.D

Acq: 5 Aug 2020 11:14

Instrument :

MSVOA_L

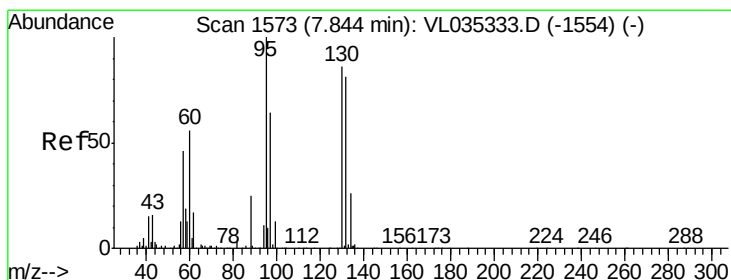
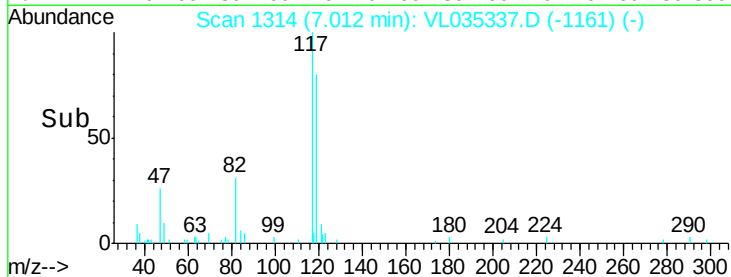
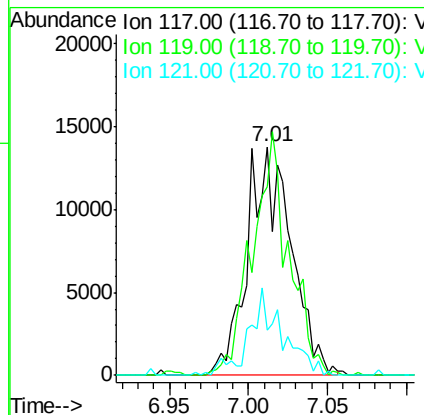
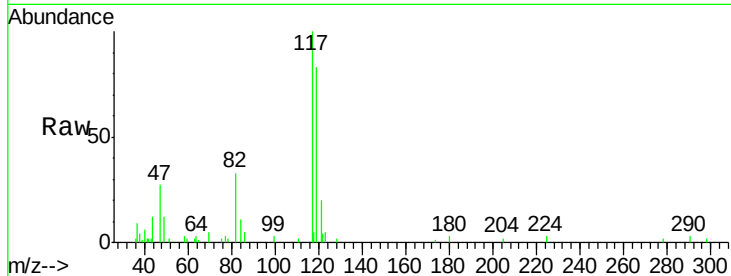
ClientSampleId :

VSTDIC0.1

Tot Ion:	117	Resp:	26273
Ion Ratio	Lower	Upper	
117	100		
119	82.5	77.0	115.6
121	19.8	26.0	39.0#

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#38

Trichloroethene

Concen: 0.113 ppbv m

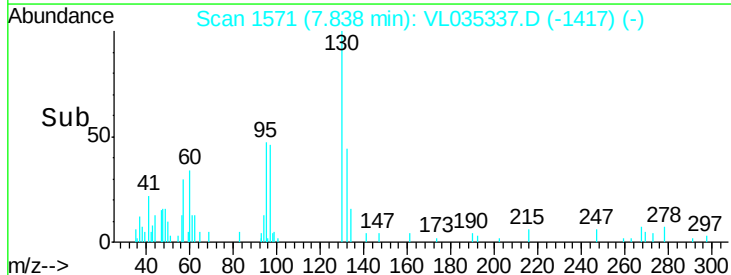
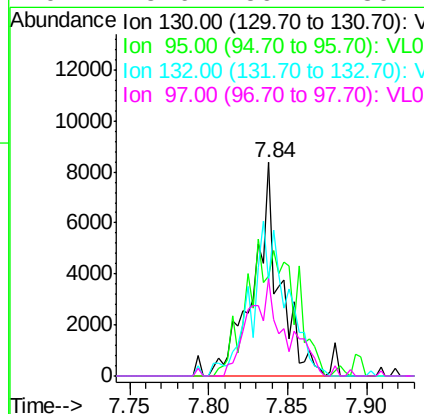
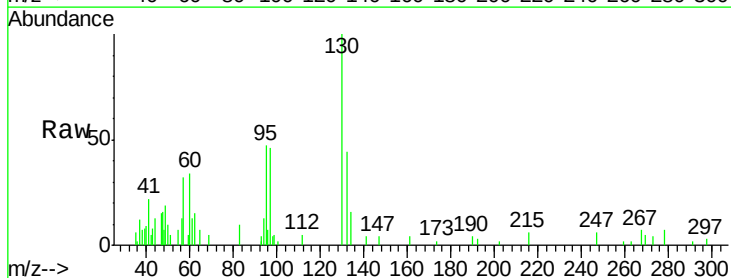
RT: 7.84 min Scan# 1571

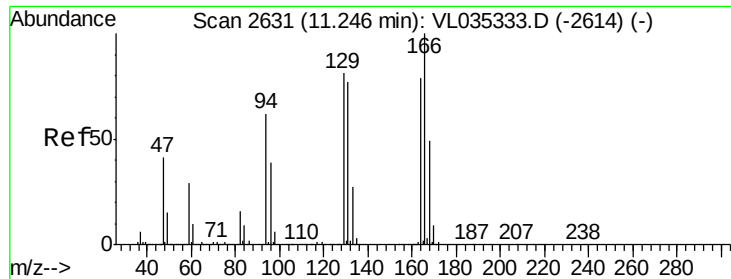
Delta R.T. -0.01 min

Lab File: VL035337.D

Acq: 5 Aug 2020 11:14

Tgt Ion:	130	Resp:	10101
Ion Ratio	Lower	Upper	
130	100		
95	46.6	93.4	140.2#
132	44.3	76.1	114.1#
97	45.6	59.4	89.2#





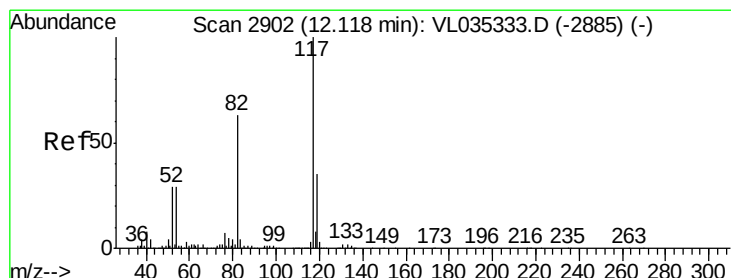
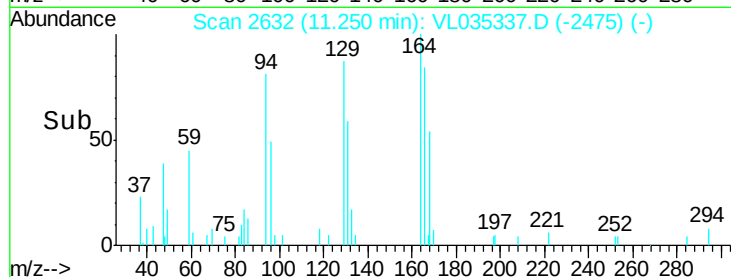
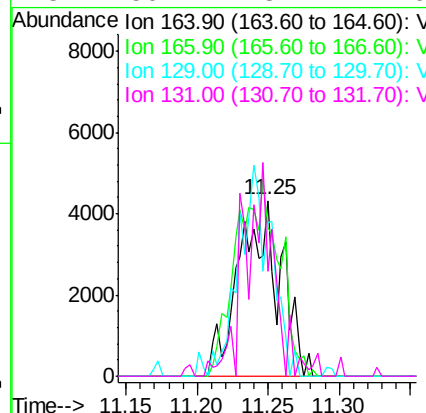
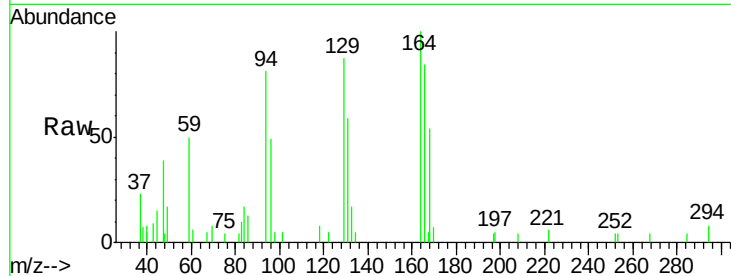
#52
Tetrachloroethene
Concen: 0.102 ppbv m
RT: 11.25 min Scan# 2632
Delta R.T. 0.00 min
Lab File: VL035337.D
Acq: 5 Aug 2020 11:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1

Tot Ion	Ratio	Lower	Upper
164	100		
166	84.4	101.4	152.0#
129	87.2	82.1	123.1
131	59.4	78.4	117.6#

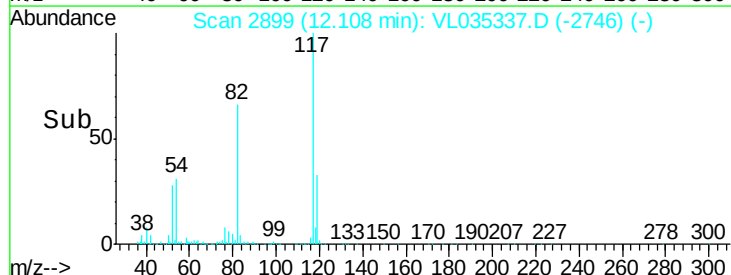
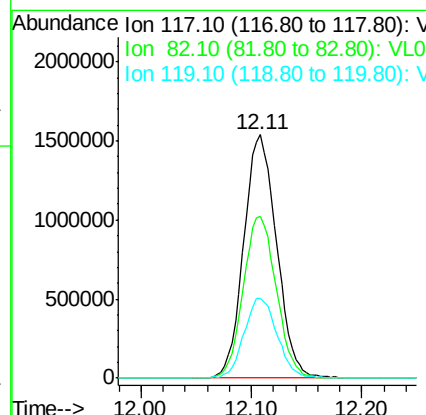
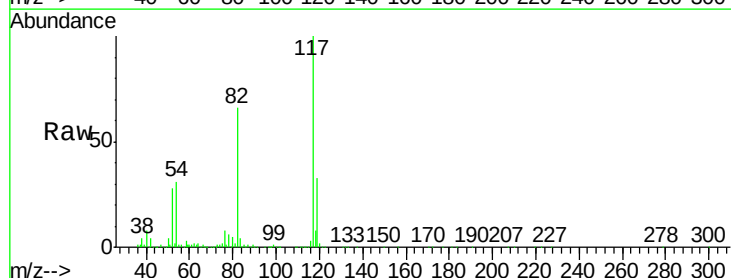
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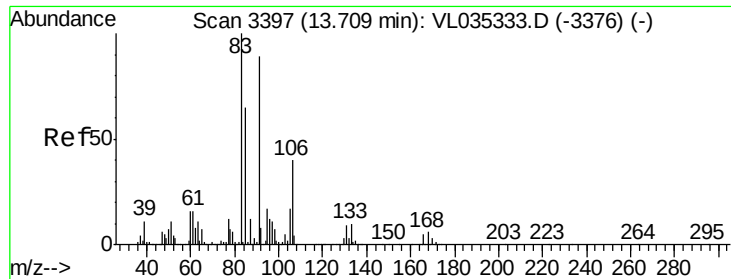
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#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2899
Delta R.T. -0.01 min
Lab File: VL035337.D
Acq: 5 Aug 2020 11:14

Tgt Ion	Ratio	Lower	Upper
117	100		
82	67.0	51.0	76.4
119	33.2	24.7	37.1





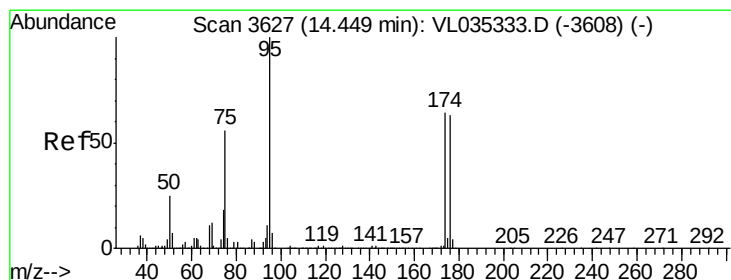
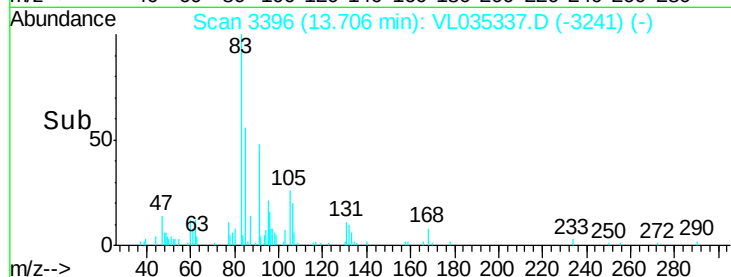
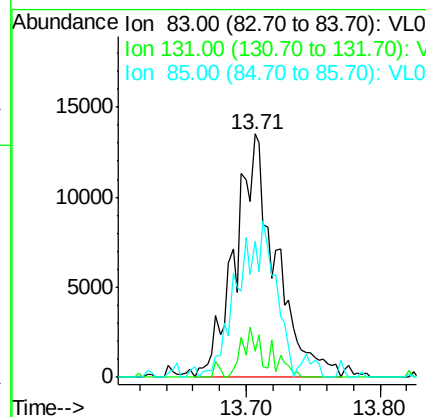
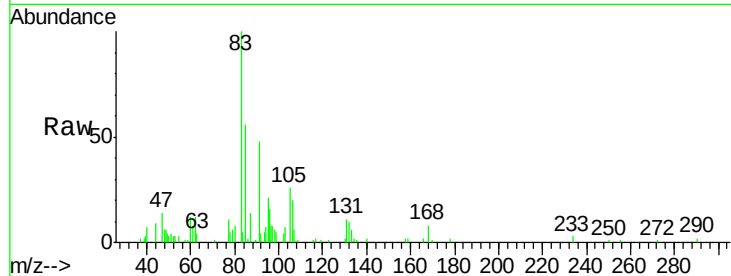
#63
 1,1,2,2-Tetrachloroethane
 Concen: 0.114 ppbv m
 RT: 13.71 min Scan# 3396
 Delta R.T. -0.00 min
 Lab File: VL035337.D
 Acq: 5 Aug 2020 11:14

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.1

Tot Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.0	14.9#
85	0.0	32.6	98.0#

Manual Integrations
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#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.035 ppbv
 RT: 14.45 min Scan# 3626
 Delta R.T. -0.00 min
 Lab File: VL035337.D
 Acq: 5 Aug 2020 11:14

Tgt Ion	Ratio	Lower	Upper
95	100		
174	67.7	53.5	80.3
175	5.0	4.2	6.2

