

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050820\
 Data File : VV015954.D
 Acq On : 08 May 2020 10:52
 Operator : SY/MD
 Sample : L2519-05
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 09 00:46:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 09 00:44:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	147829	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	142604	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	66895	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	37603	4.69	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.80%
7) Chloroethane-d5	1.58	69	35767	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.20%
11) 1,1-Dichloroethene-d2	2.12	63	60343	3.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.00%
20) 2-Butanone-d5	3.94	46	116215	50.80	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.60%
24) Chloroform-d	4.38	84	85438	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
26) 1,2-Dichloroethane-d4	5.06	65	51224	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.00%
32) Benzene-d6	5.08	84	169860	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
36) 1,2-Dichloropropane-d6	6.10	67	54643	5.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.60%
41) Toluene-d8	7.34	98	154289	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
45) trans-1,3-Dichloropropene-	7.65	79	20272	4.99	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.80%
48) 2-Hexanone-d5	8.12	63	91481	51.23	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.46%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	37852	5.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	57842	5.33	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.60%

Target Compounds

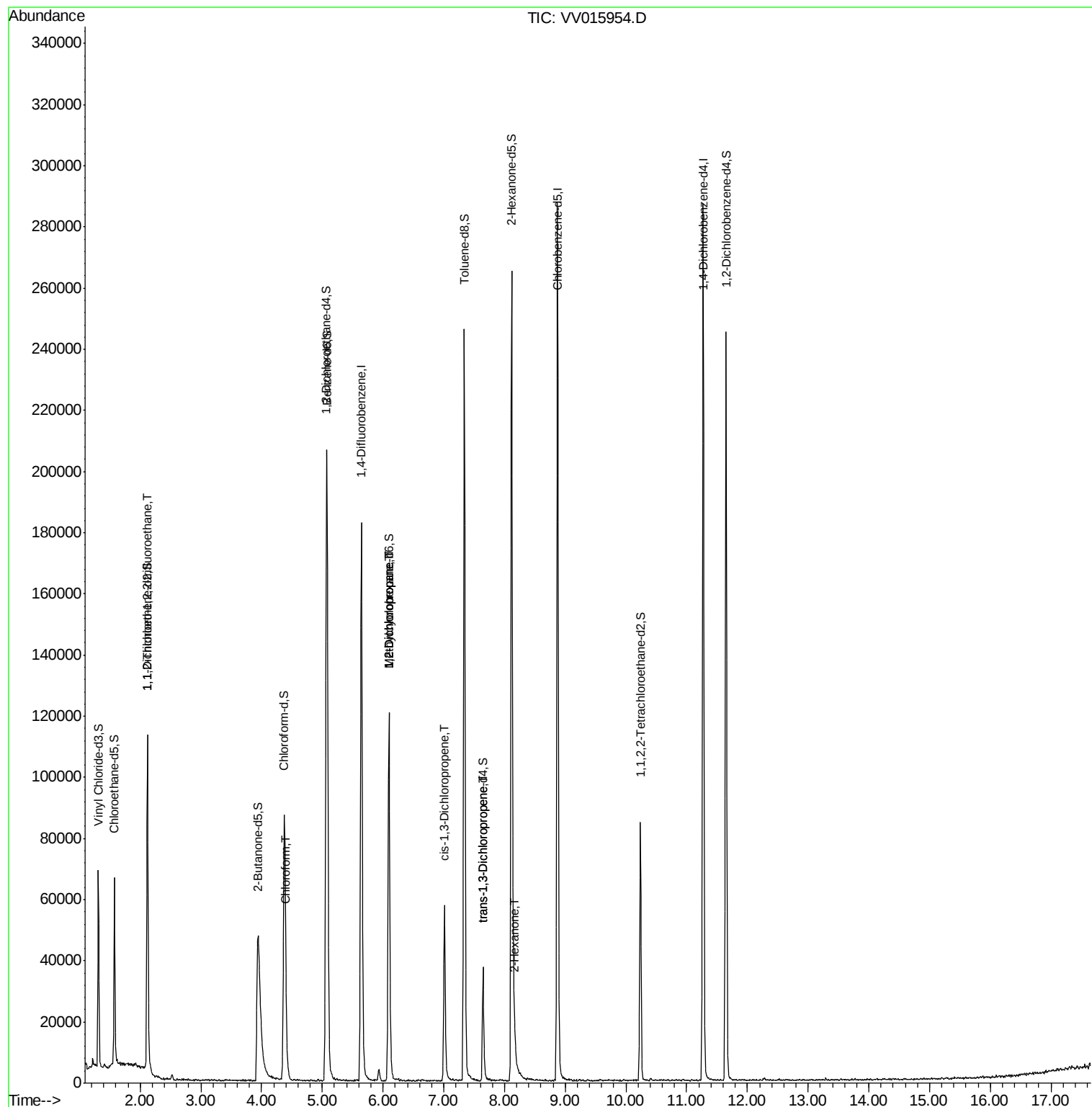
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	624	0.073 ug/L #	20
25) Chloroform	4.41	83	6484	0.340 ug/L	97
35) Methylcyclohexane	6.09	83	13321	0.860 ug/L #	17
37) 1,2-Dichloropropane	6.10	63	6718	0.737 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	1615	0.125 ug/L #	42
46) trans-1,3-Dichloropropene	7.64	75	947	0.087 ug/L #	82
50) 2-Hexanone	8.17	43	4746	1.181 ug/L #	79

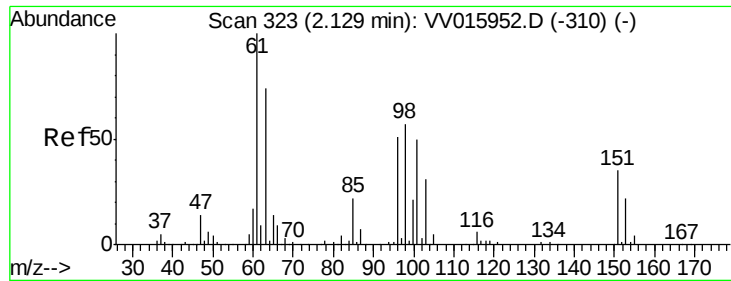
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.073 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV015954.D

Acq: 08 May 2020 10:52

Instrument :

MSVOA_V

ClientSampleId :

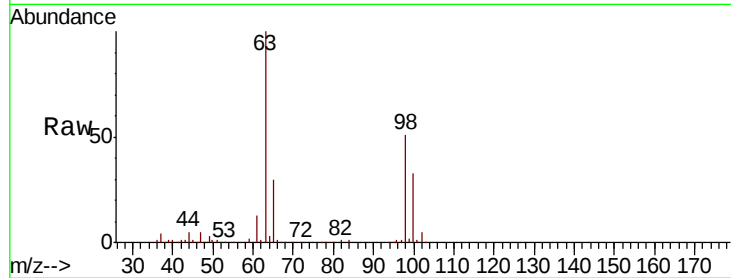
Tot Ion:101 Resp: 624

Ion Ratio Lower Upper

101 100

85 0.0 35.7 53.5#

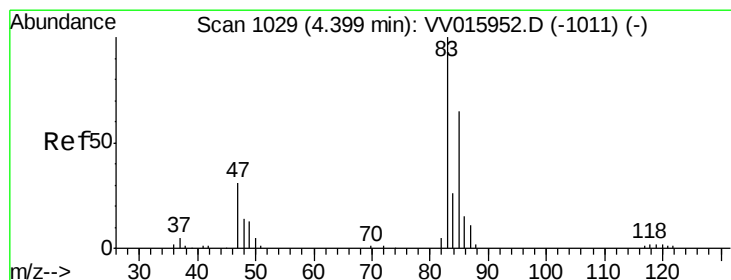
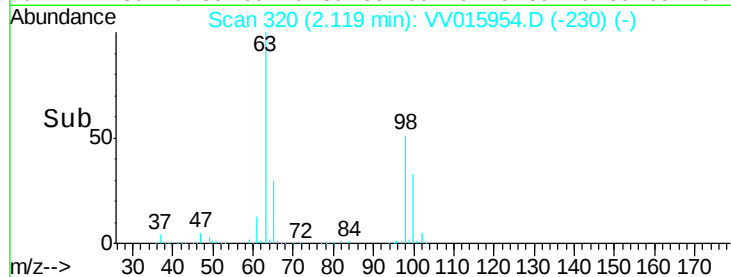
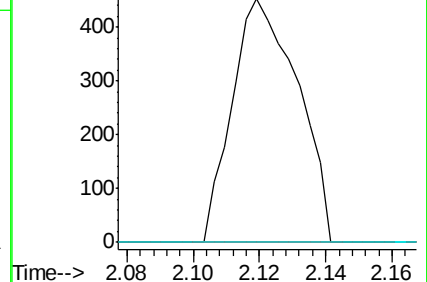
151 0.0 58.0 87.0#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#25

Chloroform

Concen: 0.340 ug/L

RT: 4.41 min Scan# 1032

Delta R.T. 0.01 min

Lab File: VV015954.D

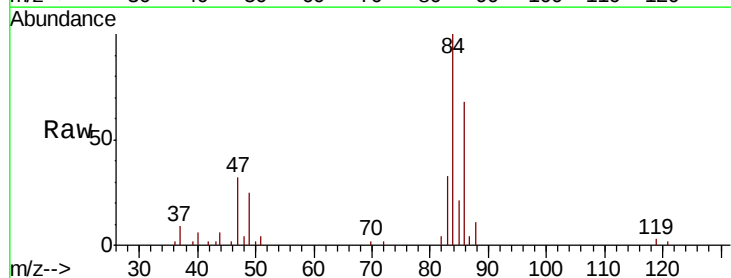
Acq: 08 May 2020 10:52

Tgt Ion: 83 Resp: 6484

Ion Ratio Lower Upper

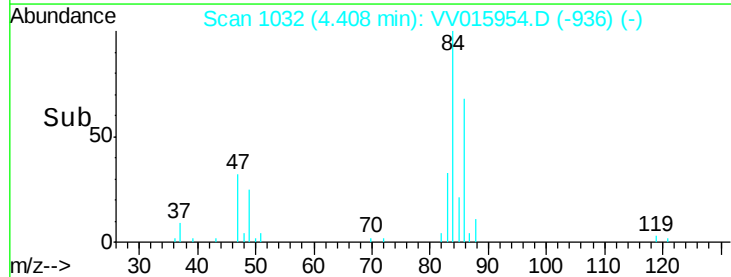
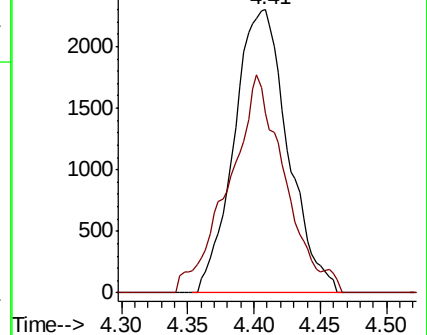
83 100

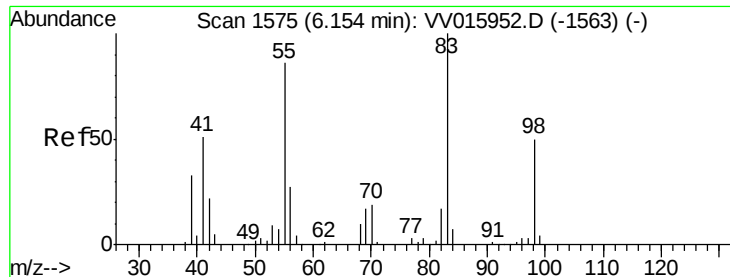
85 63.3 45.7 84.9



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0

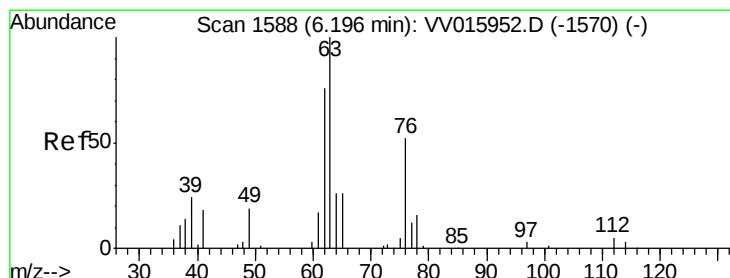
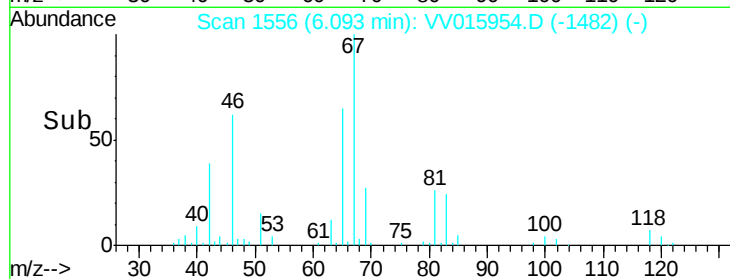
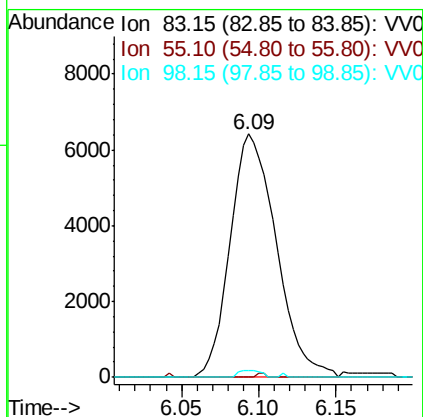
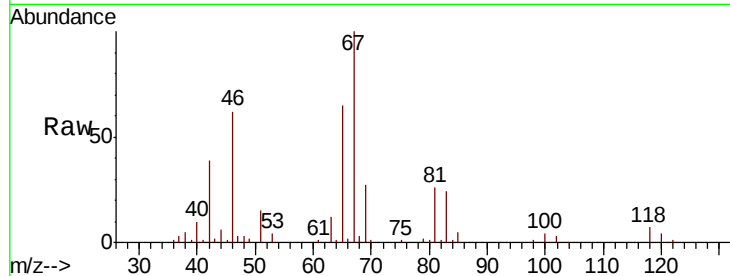




#35
Methvlcvclohexane
Concen: 0.860 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV015954.D
Acq: 08 May 2020 10:52

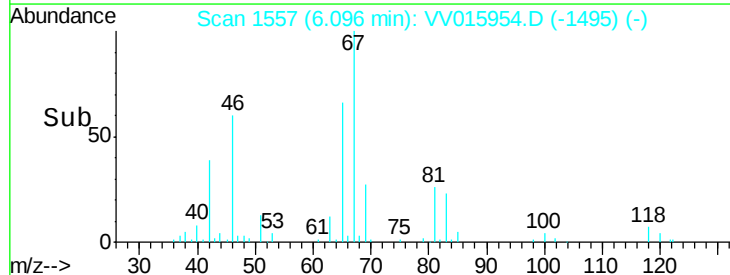
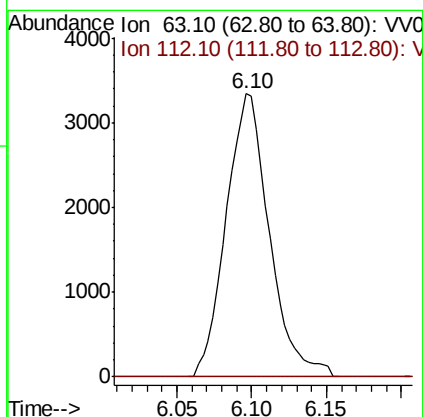
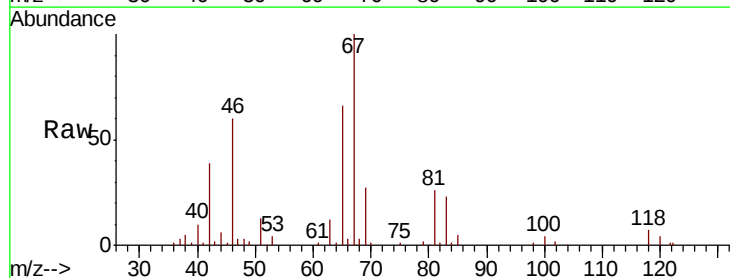
Instrument :
MSVOA_V
ClientSampleId :

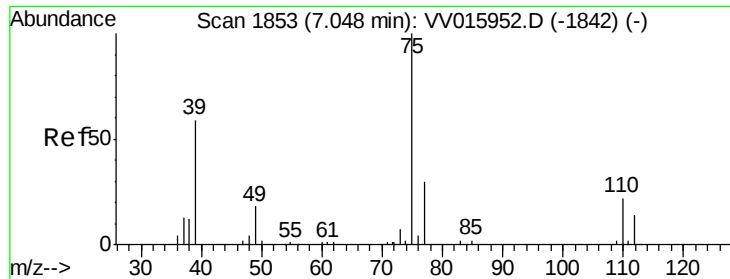
Tot Ion: 83 Resp: 13321
Ion Ratio Lower Upper
83 100
55 0.4 66.2 99.2#
98 1.4 37.9 56.9#



#37
1,2-Dichloropropane
Concen: 0.737 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV015954.D
Acq: 08 May 2020 10:52

Tgt Ion: 63 Resp: 6718
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

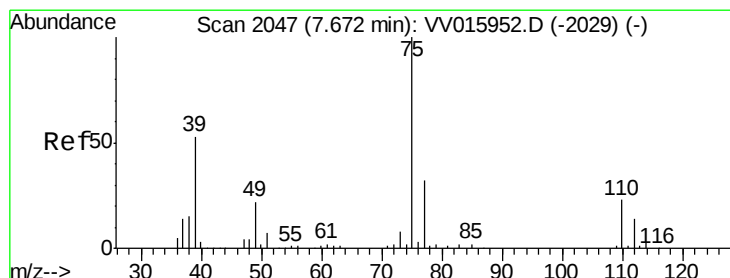
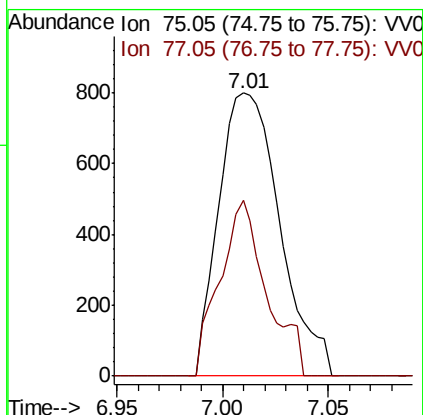
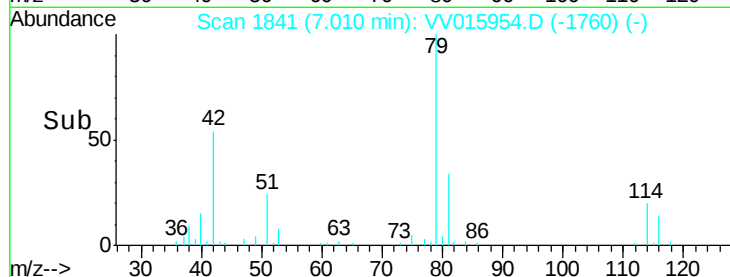
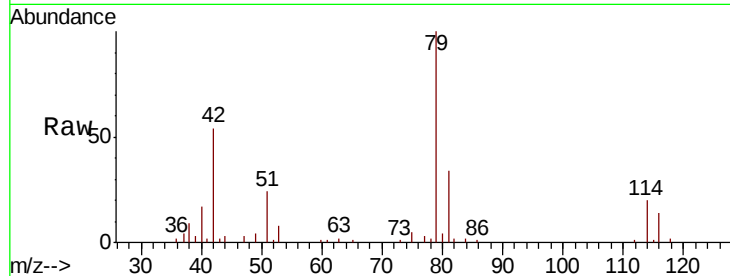




#39
 cis-1,3-Dichloropropene
 Concen: 0.125 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV015954.D
 Acq: 08 May 2020 10:52

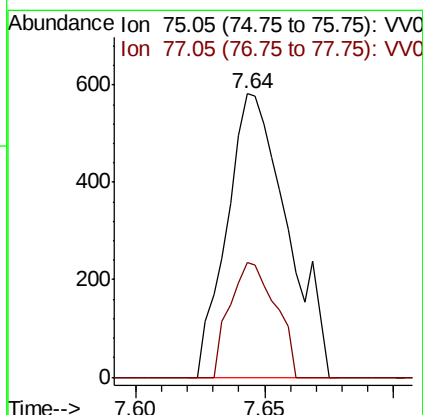
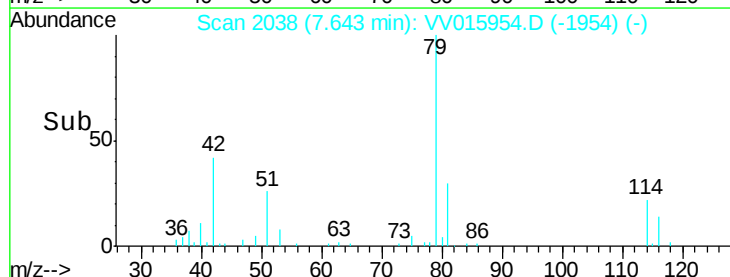
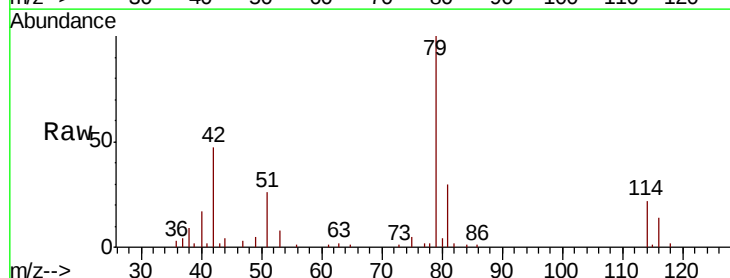
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 MSVOA_V
 ClientSampleId :

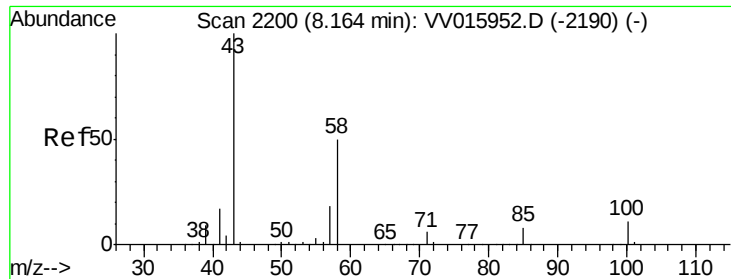
Tot Ion: 75 Resp: 1615
 Ion Ratio Lower Upper
 75 100
 77 62.2 21.3 39.5#



#46
 trans-1,3-Dichloropropene
 Concen: 0.087 ug/L
 RT: 7.64 min Scan# 2038
 Delta R.T. -0.03 min
 Lab File: VV015954.D
 Acq: 08 May 2020 10:52

Tgt Ion: 75 Resp: 947
 Ion Ratio Lower Upper
 75 100
 77 40.4 21.3 39.6#





#50
 2-Hexanone
 Concen: 1.181 ug/L
 RT: 8.17 min Scan# 2203
 Delta R.T. 0.01 min
 Lab File: VV015954.D
 Acq: 08 May 2020 10:52

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:	43	Resp:	4746
Ion	Ratio	Lower	Upper
43	100		
58	30.5	40.8	61.2#
57	18.5	14.7	22.1
100	5.2	9.0	13.6#

