

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050820\
 Data File : VV015969.D
 Acq On : 08 May 2020 16:43
 Operator : SY/MD
 Sample : L2520-08
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H41Y3

Manual Integrations
 APPROVED

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 5/11/2020 12:51:28 PM

Quant Time: May 09 03:13:38 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	125503	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	122121	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	53162	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	33695	4.95	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.00%
7) Chloroethane-d5	1.58	69	34356	5.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.40%
11) 1,1-Dichloroethene-d2	2.12	63	56243	3.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.80%
20) 2-Butanone-d5	3.92	46	116016	59.74	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.48%
24) Chloroform-d	4.38	84	76887	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.40%
26) 1,2-Dichloroethane-d4	5.06	65	48621	5.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.00%
32) Benzene-d6	5.08	84	163379	5.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.40%
36) 1,2-Dichloropropane-d6	6.10	67	51508	5.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	116.20%
41) Toluene-d8	7.34	98	147011	5.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.00%
45) trans-1,3-Dichloropropene-	7.65	79	18257	5.25	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	105.00%
48) 2-Hexanone-d5	8.11	63	84616	55.33	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.66%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	35159	5.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.80%
65) 1,2-Dichlorobenzene-d4	11.65	152	55961	6.49	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	129.80%#

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	2072	0.215 ug/L	95
13) Acetone	2.20	43	2129m	1.662 ug/L	
22) cis-1,2-Dichloroethene	3.94	96	109618	13.719 ug/L	100
25) Chloroform	4.41	83	69669	4.303 ug/L	98
34) Trichloroethene	5.94	95	18506	2.110 ug/L	90
38) Bromodichloromethane	6.54	83	8902	0.898 ug/L #	96
49) Tetrachloroethene	8.00	164	217207	35.497 ug/L	99

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

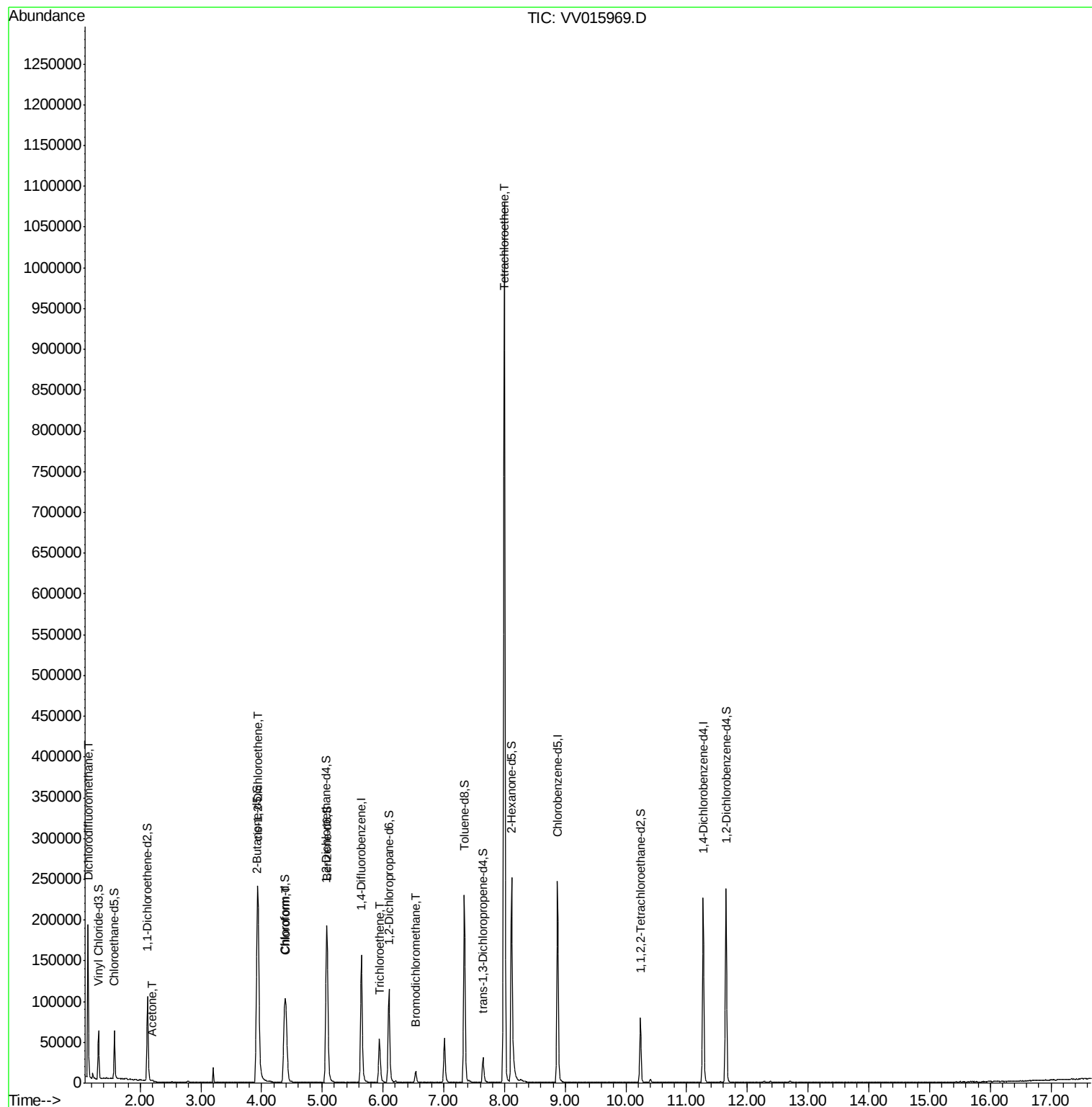
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV050820\
Data File : VV015969.D
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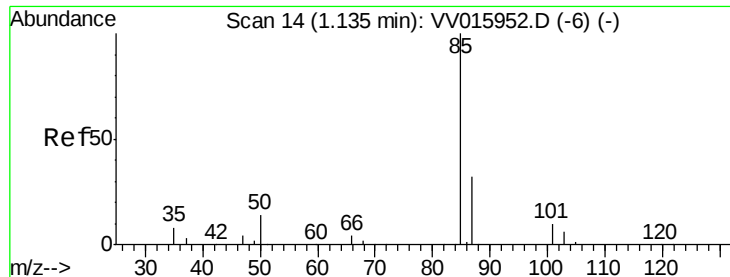
Instrument :
MSVOA_V
ClientSampleId :
H41Y3

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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat May 09 00:44:25 2020
Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 0.215 ug/L

RT: 1.14 min Scan# 16

Delta R.T. 0.01 min

Lab File: VV015969.D

Acq: 08 May 2020 16:43

Instrument :

MSVOA_V

ClientSampleId :

H41Y3

Tot Ion: 85 Resp: 2072

Ion Ratio Lower Upper

85 100

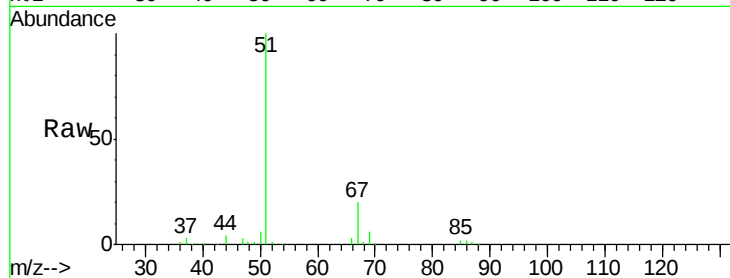
87 36.1 26.4 39.6

Manual Integrations

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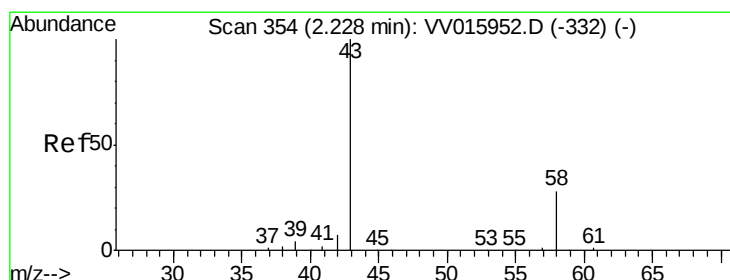
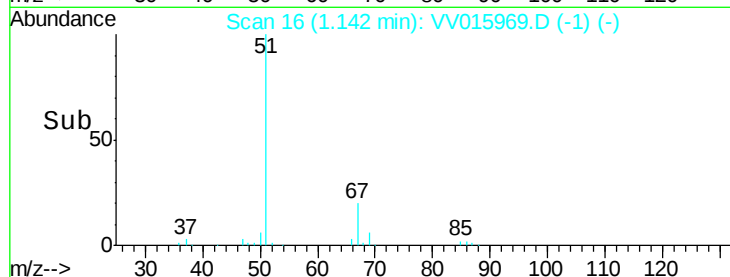
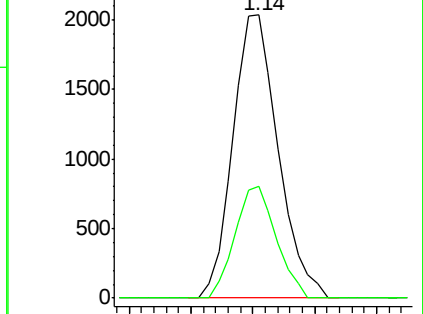
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Abundance Ion 85.00 (84.70 to 85.70): VV015952.D (-6) (-)

Ion 87.00 (86.70 to 87.70): VV015952.D (-6) (-)



#13

Acetone

Concen: 1.662 ug/L m

RT: 2.20 min Scan# 344

Delta R.T. -0.03 min

Lab File: VV015969.D

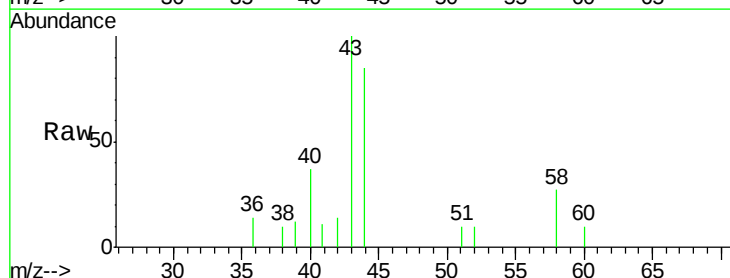
Acq: 08 May 2020 16:43

Tgt Ion: 43 Resp: 2129

Ion Ratio Lower Upper

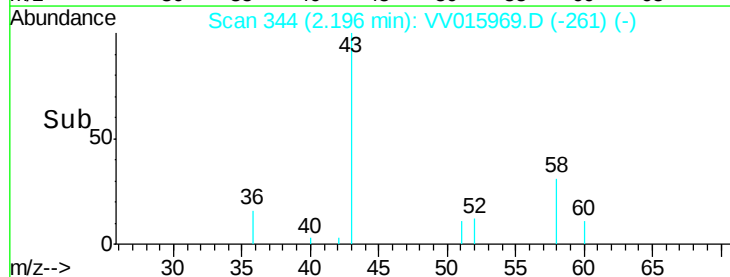
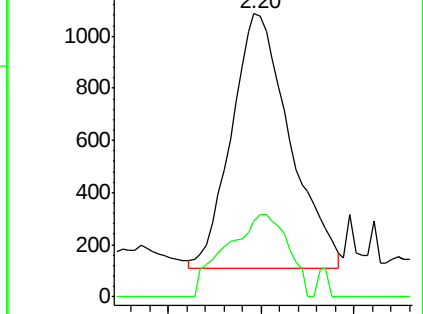
43 100

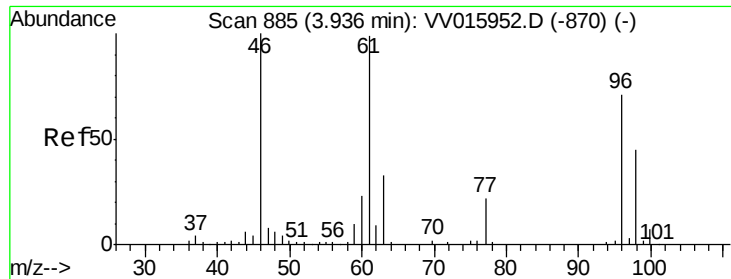
58 1.9 0.0 30.8



Abundance Ion 43.05 (42.75 to 43.75): VV015952.D (-332) (-)

Ion 58.05 (57.75 to 58.75): VV015952.D (-332) (-)





#22

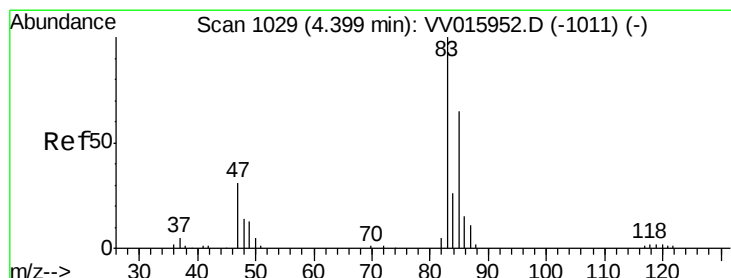
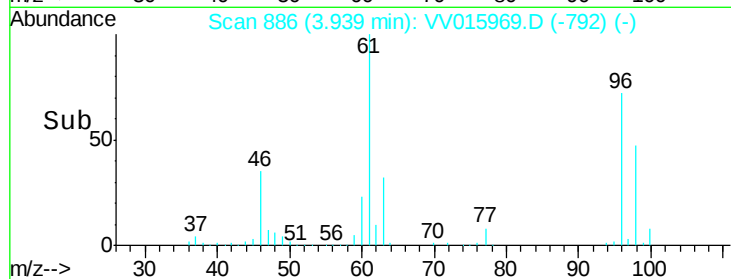
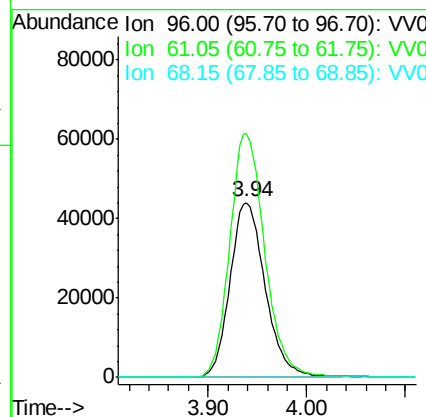
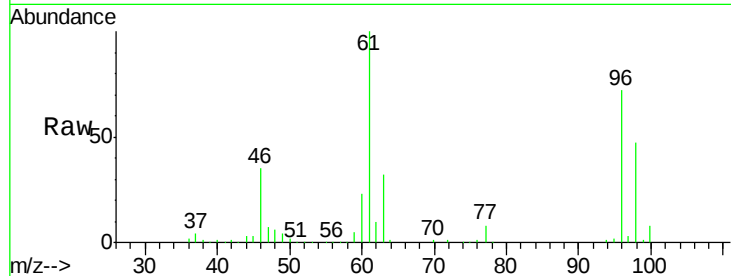
cis-1,2-Dichloroethene
Concen: 13.719 ug/L
RT: 3.94 min Scan# 886
Delta R.T. 0.00 min
Lab File: VV015969.D
Acq: 08 May 2020 16:43

Instrument :
MSVOA_V
ClientSampled :
H41Y3

Tot Ion	Ion	Ratio	Resp	Lower	Upper
96	100		109618		
61	139.2		97.2	180.6	
68	0.0		0.0	0.0	

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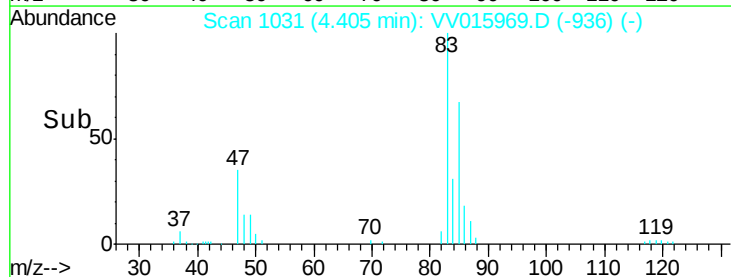
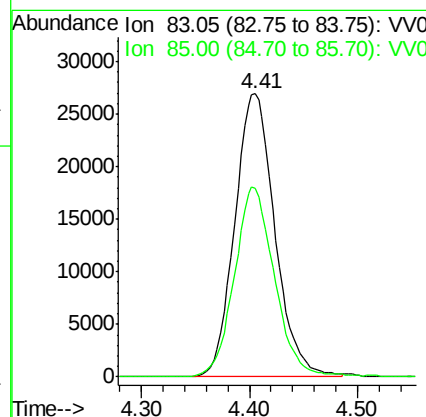
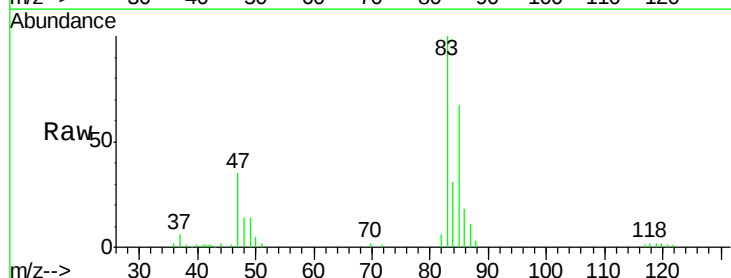
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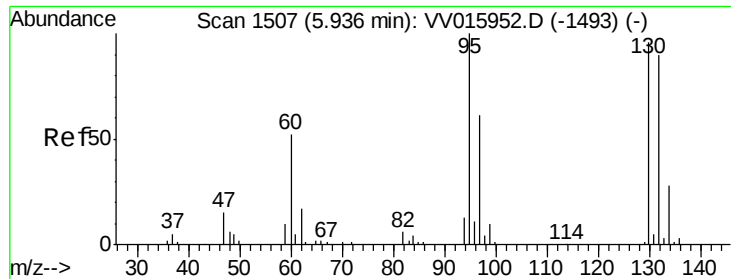


#25

Chloroform
Concen: 4.303 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VV015969.D
Acq: 08 May 2020 16:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	100		69669		
85	66.7		45.7	84.9	





#34

Trichloroethene

Concen: 2.110 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.01 min

Lab File: VV015969.D

Acq: 08 May 2020 16:43

Instrument :

MSVOA_V

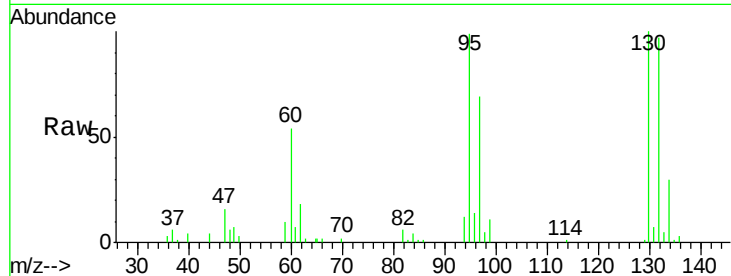
ClientSampled :

H41Y3

Tot Ion:	95	Resp:	18506
Ion Ratio	Lower	Upper	
95	100		
97	69.3	43.3	80.5
132	97.9	60.3	112.1
130	101.0	66.0	122.6

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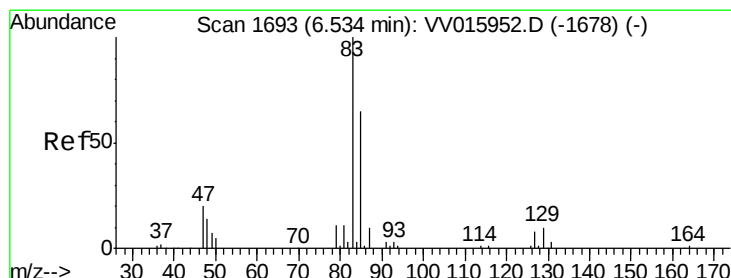
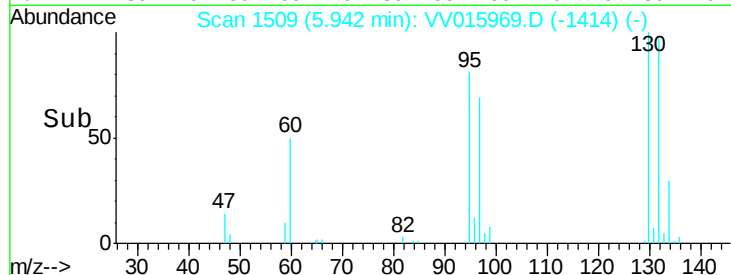
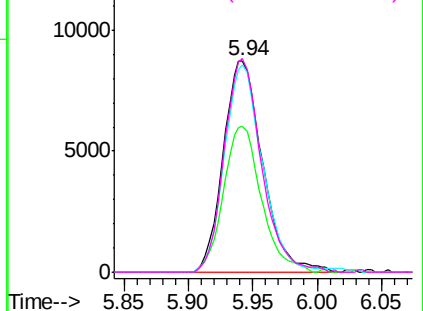


Abundance Ion 95.00 (94.70 to 95.70): VV015969.D (-1414) (-)

Ion 96.95 (96.65 to 97.65): VV015969.D (-1414) (-)

Ion 131.95 (131.65 to 132.65): VV015969.D (-1414) (-)

Ion 129.95 (129.65 to 130.65): VV015969.D (-1414) (-)



#38

Bromodichloromethane

Concen: 0.898 ug/L

RT: 6.54 min Scan# 1694

Delta R.T. 0.00 min

Lab File: VV015969.D

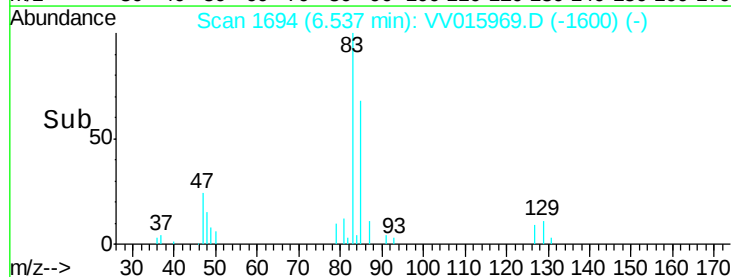
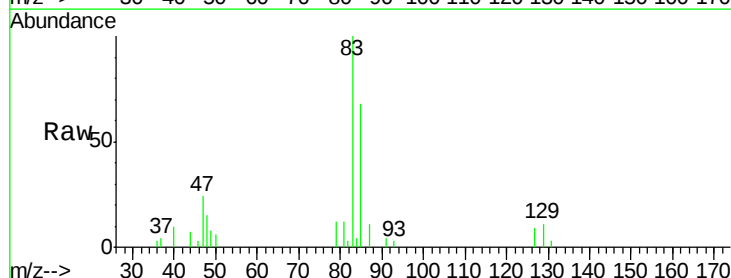
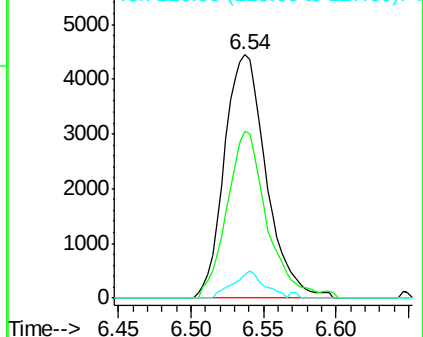
Acq: 08 May 2020 16:43

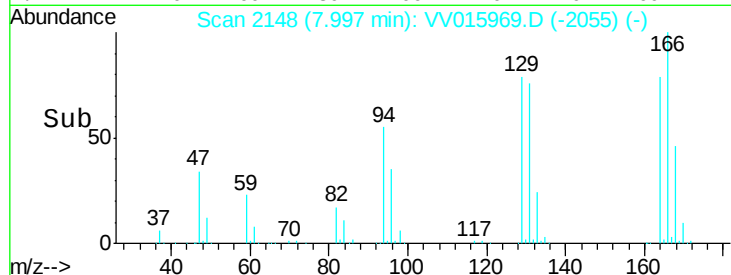
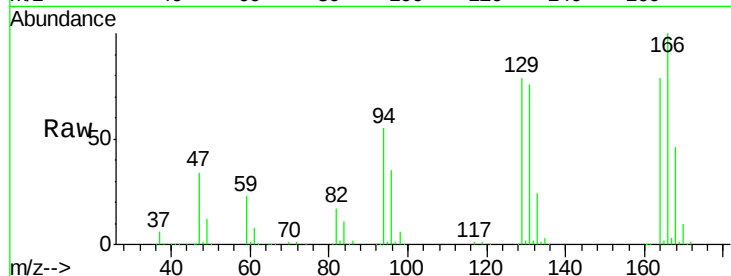
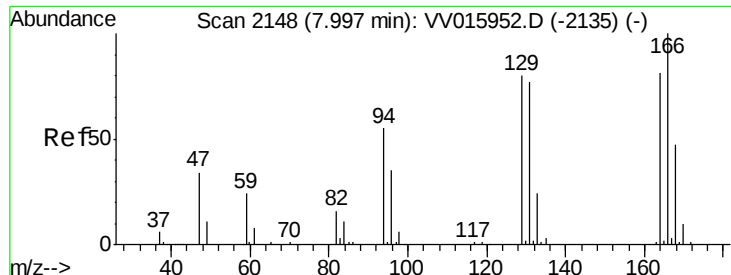
Tgt Ion:	83	Resp:	8902
Ion Ratio	Lower	Upper	
83	100		
85	68.3	45.5	84.5
127	9.5	6.2	9.4#

Abundance Ion 82.95 (82.65 to 83.65): VV015969.D (-1600) (-)

Ion 85.00 (84.70 to 85.70): VV015969.D (-1600) (-)

Ion 126.90 (126.60 to 127.60): VV015969.D (-1600) (-)





#49

Tetrachloroethene

Concen: 35.497 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV015969.D

Acq: 08 May 2020 16:43

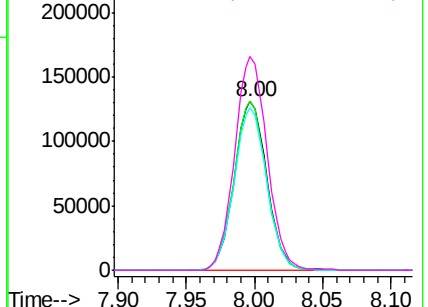
Tot Ion	Ratio	Resp	Lower	Upper
164	100			
129	100.3	69.7	129.4	
131	96.6	66.8	124.2	
166	126.8	89.1	165.5	

Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



Instrument :
MSVOA_V
ClientSampleId :
H41Y3

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