

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV051320\
 Data File : VV016041.D
 Acq On : 13 May 2020 15:22
 Operator : SY/MD
 Sample : L2542-19MSD
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4220MSD

Manual Integrations
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Quant Time: May 14 04:24:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 14 02:25:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	156680	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	155760	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	68810	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	48880	5.75	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	115.00%
7) Chloroethane-d5	1.58	69	44914	5.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.60%
11) 1,1-Dichloroethene-d2	2.13	63	96115	5.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	105.20%
20) 2-Butanone-d5	3.94	46	124766	51.46	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.92%
24) Chloroform-d	4.38	84	94518	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.80%
26) 1,2-Dichloroethane-d4	5.06	65	54176	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
32) Benzene-d6	5.08	84	188273	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.60%
36) 1,2-Dichloropropane-d6	6.10	67	58601	5.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.60%
41) Toluene-d8	7.34	98	167576	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
45) trans-1,3-Dichloropropene-	7.65	79	18237	4.11	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.20%
48) 2-Hexanone-d5	8.12	63	93518	47.95	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.90%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	40765	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	59654	5.34	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.80%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.14	96	44922	5.210	ug/L	91
13) Acetone	2.22	43	2533m	1.584	ug/L	
17) Methyl tert-butyl Ether	2.79	73	6581	0.294	ug/L	95
22) cis-1,2-Dichloroethene	3.95	96	3432	0.344	ug/L	98
25) Chloroform	4.41	83	6408	0.317	ug/L	99
33) Benzene	5.13	78	220517	5.627	ug/L	100
34) Trichloroethene	5.94	95	69541	6.217	ug/L	95
42) Toluene	7.41	91	232975	5.609	ug/L	99
49) Tetrachloroethene	8.00	164	90176	11.554	ug/L	99
53) Chlorobenzene	8.90	112	151686	5.678	ug/L	96

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

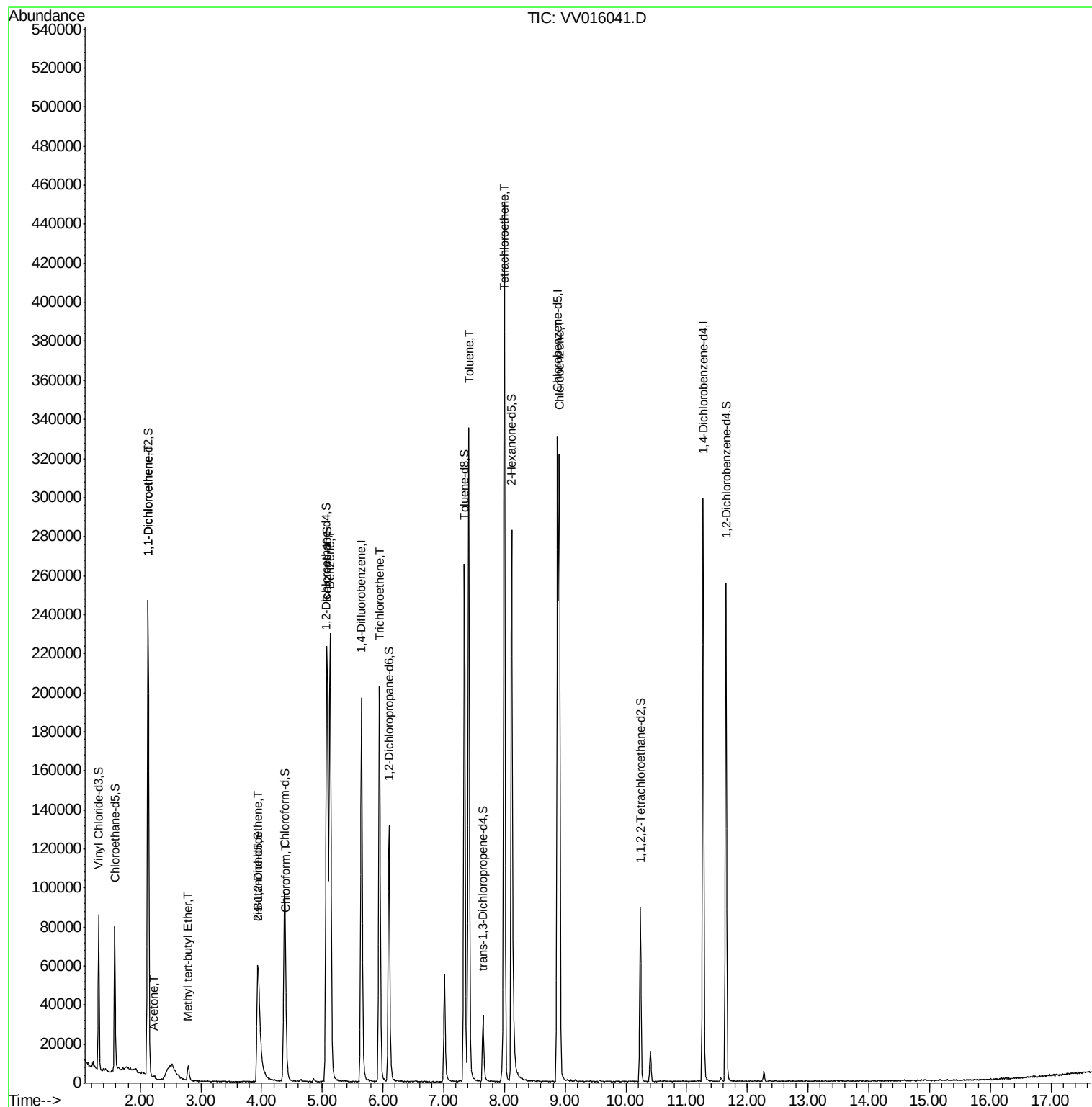
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV051320\
Data File : VV016041.D
Acq On : 13 May 2020 15:22
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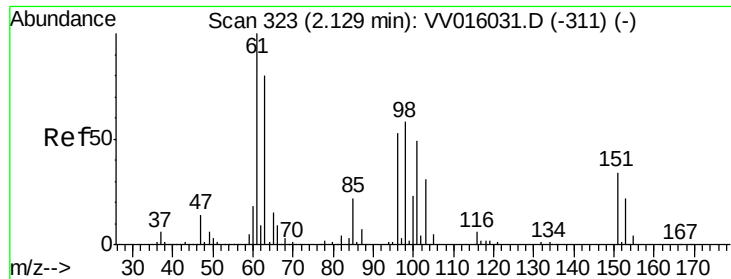
Instrument :
MSVOA_V
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H4220MSD

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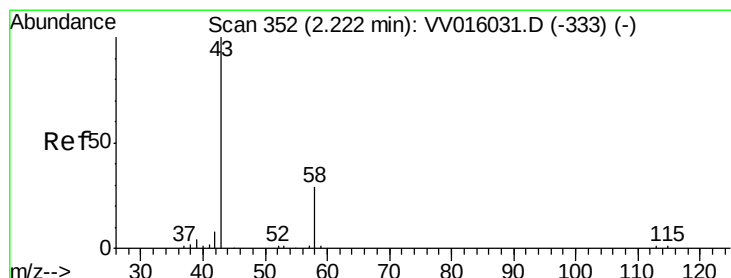
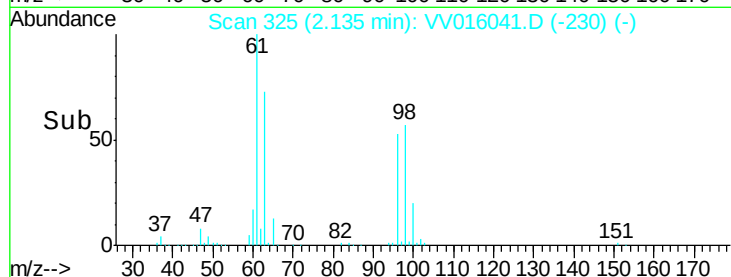
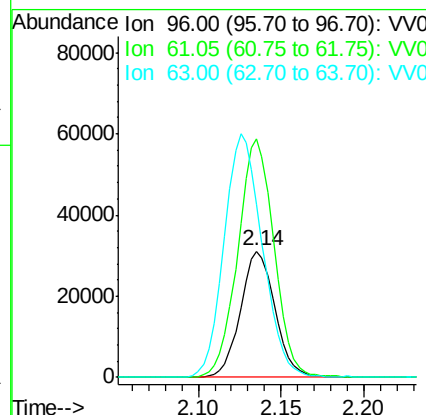
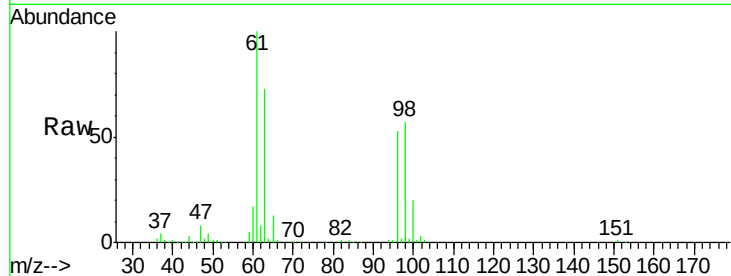
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 1,1-Dichloroethene
 Concen: 5.210 ug/L
 RT: 2.14 min Scan# 325
 Delta R.T. 0.01 min
 Lab File: VV016041.D
 Acq: 13 May 2020 15:22

Instrument :
 MSVOA_V
 ClientSampleId :
 H4220MSD

Tot Ion	Ratio	Lower	Upper
96	100		
61	188.2	139.9	259.7
63	137.1	106.4	197.6

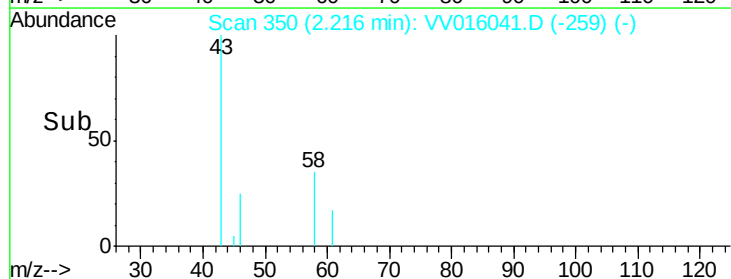
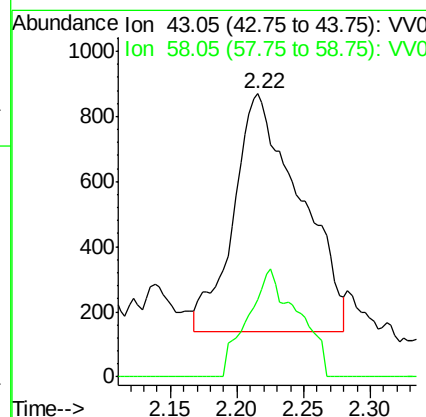
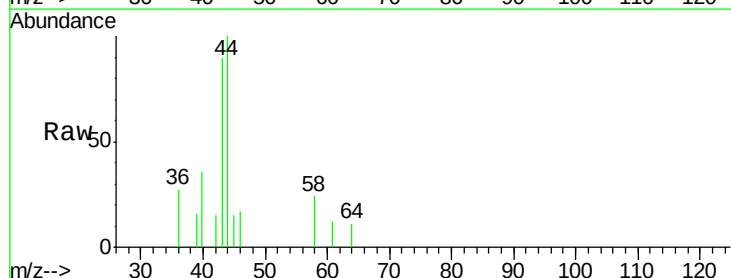
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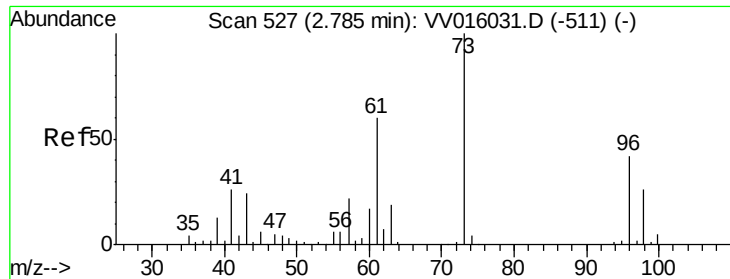
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#13
 Acetone
 Concen: 1.584 ug/L m
 RT: 2.22 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VV016041.D
 Acq: 13 May 2020 15:22

Tgt Ion	Ratio	Lower	Upper
43	100		
58	8.6	0.0	30.8





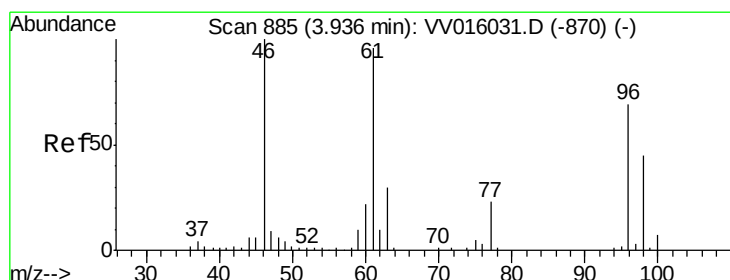
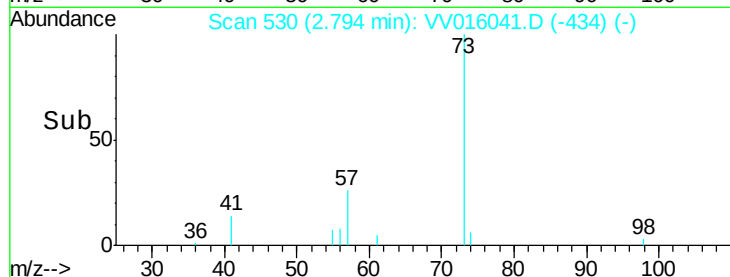
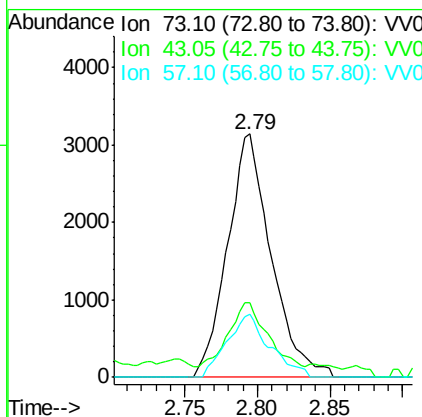
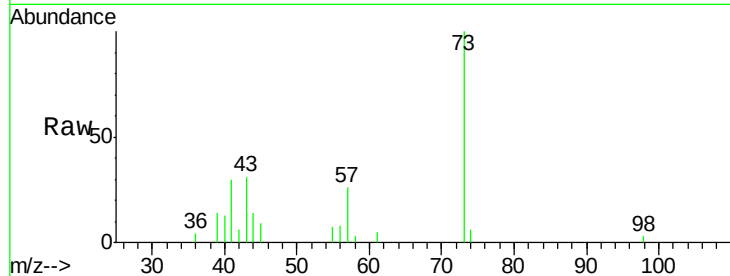
#17
Methyl tert-butyl Ether
Concen: 0.294 ug/L
RT: 2.79 min Scan# 530
Delta R.T. 0.01 min
Lab File: VV016041.D
Acq: 13 May 2020 15:22

Instrument :
MSVOA_V
ClientSampleId :
H4220MSD

Tot Ion:	73	Resp:	6581
Ion	Ratio	Lower	Upper
73	100		
43	24.7	18.8	28.2
57	25.4	17.8	26.6

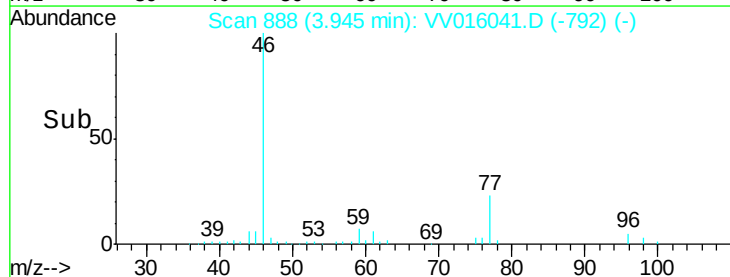
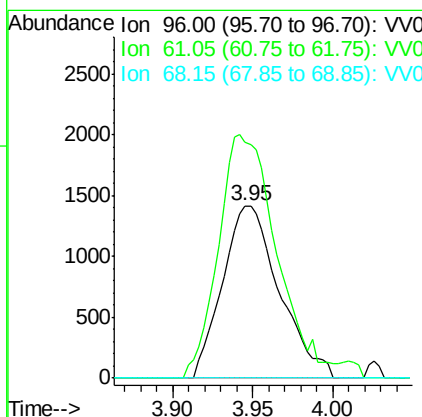
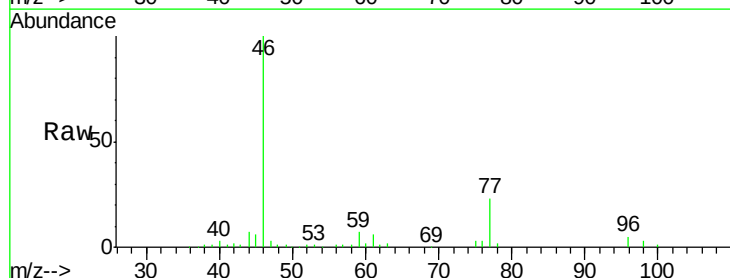
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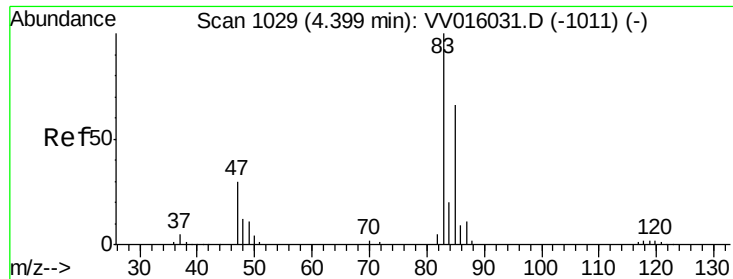
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#22
cis-1,2-Dichloroethene
Concen: 0.344 ug/L
RT: 3.95 min Scan# 888
Delta R.T. 0.01 min
Lab File: VV016041.D
Acq: 13 May 2020 15:22

Tgt Ion:	96	Resp:	3432
Ion	Ratio	Lower	Upper
96	100		
61	137.0	97.2	180.6
68	0.0	0.0	0.0





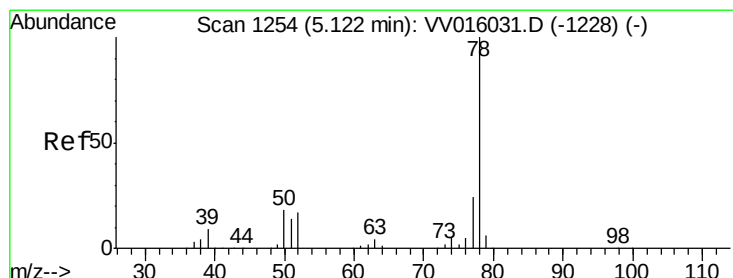
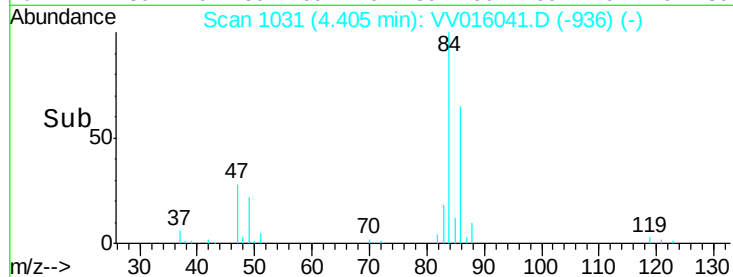
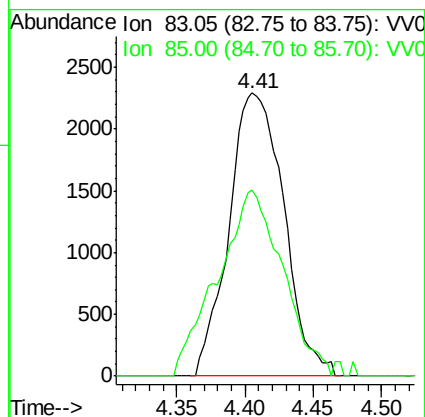
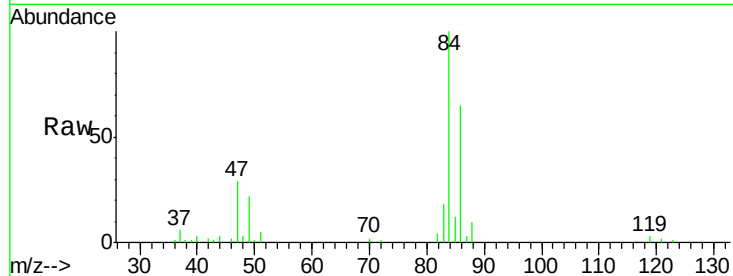
#25
Chloroform
Concen: 0.317 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VV016041.D
Acq: 13 May 2020 15:22

Instrument :
MSVOA_V
ClientSampleId :
H4220MSD

Tot Ion: 83 Resp: 6408
Ion Ratio Lower Upper
83 100
85 65.9 45.7 84.9

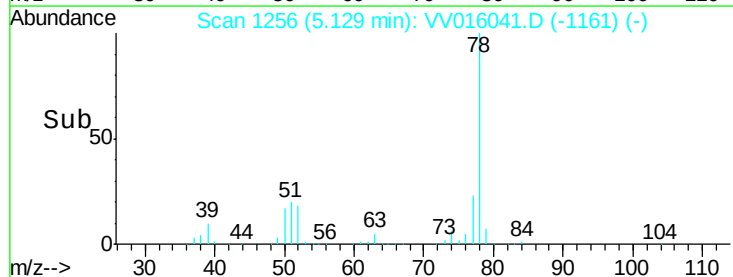
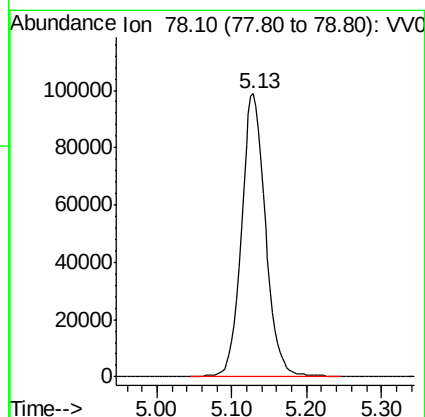
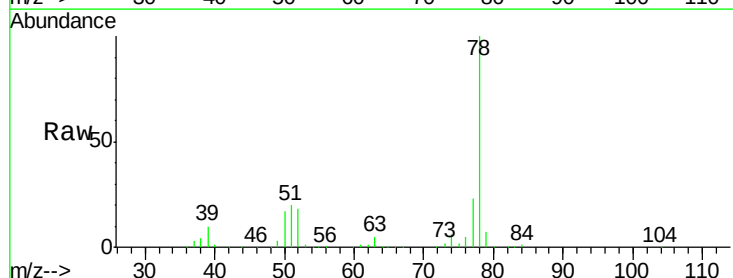
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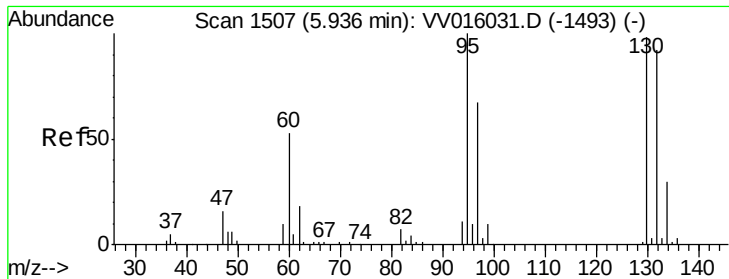
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#33
Benzene
Concen: 5.627 ug/L
RT: 5.13 min Scan# 1256
Delta R.T. 0.01 min
Lab File: VV016041.D
Acq: 13 May 2020 15:22

Tgt Ion: 78 Resp: 220517





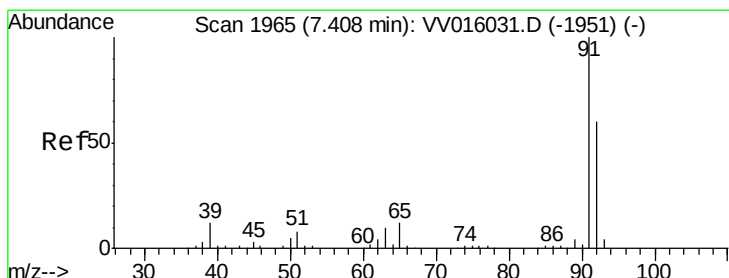
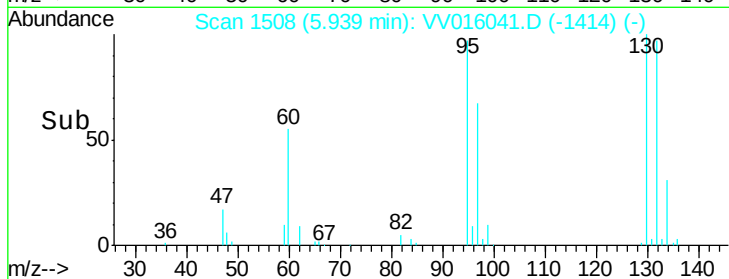
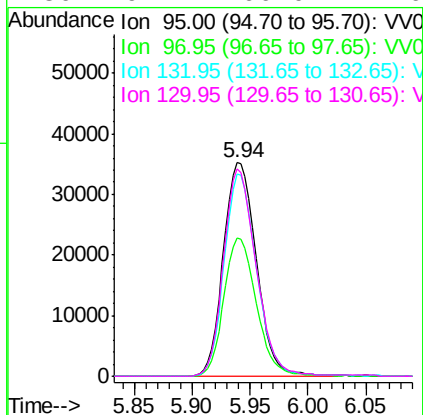
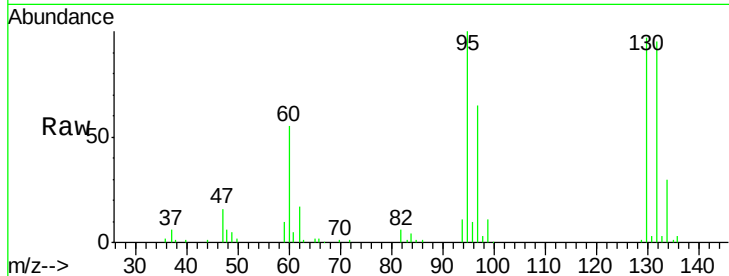
#34
 Trichloroethene
 Concen: 6.217 ug/L
 RT: 5.94 min Scan# 1508
 Delta R.T. 0.00 min
 Lab File: VV016041.D
 Acq: 13 May 2020 15:22

Instrument :
 MSVOA_V
 ClientSampleId :
 H4220MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
95	100		69541		
97	64.7	43.3	80.5		
132	94.6	60.3	112.1		
130	97.2	66.0	122.6		

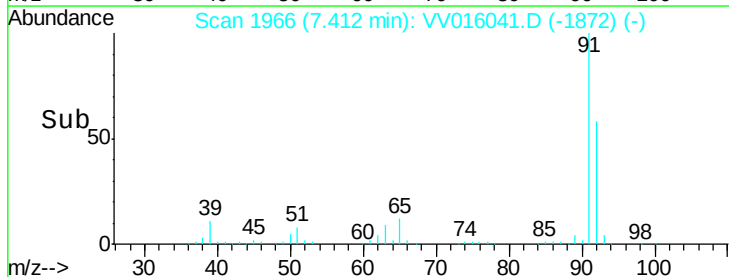
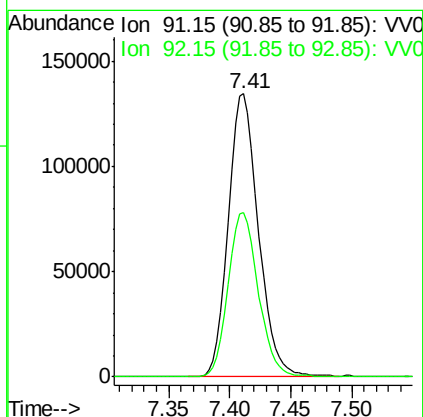
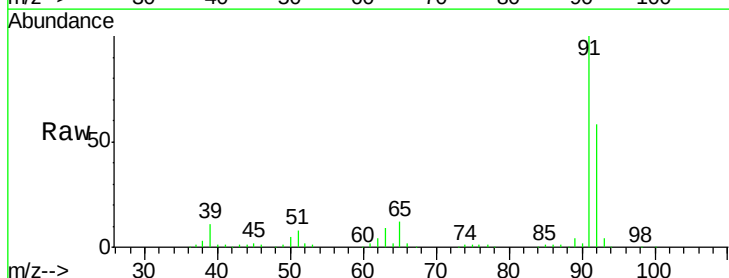
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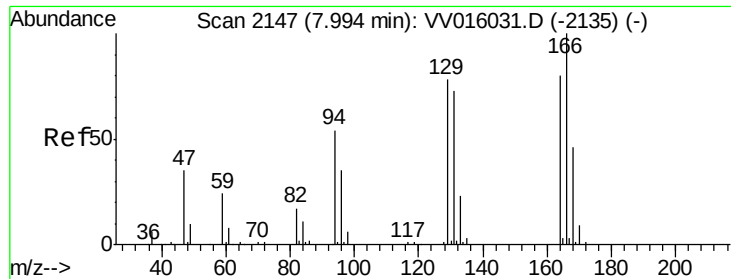
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#42
 Toluene
 Concen: 5.609 ug/L
 RT: 7.41 min Scan# 1966
 Delta R.T. 0.00 min
 Lab File: VV016041.D
 Acq: 13 May 2020 15:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		232975		
92	58.1	40.1	74.5		





#49

Tetrachloroethene

Concen: 11.554 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV016041.D

Acq: 13 May 2020 15:22

Instrument :

MSVOA_V

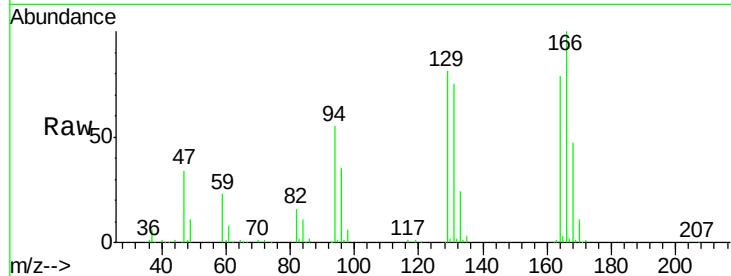
ClientSampleId :

H4220MSD

Tot Ion	164	Resp	90176
Ion	Ratio	Lower	Upper
164	100		
129	102.6	69.7	129.4
131	95.7	66.8	124.2
166	127.0	89.1	165.5

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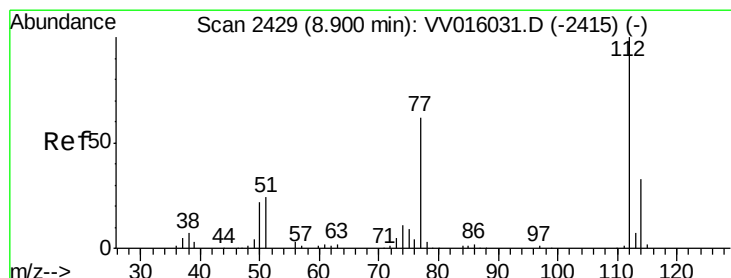
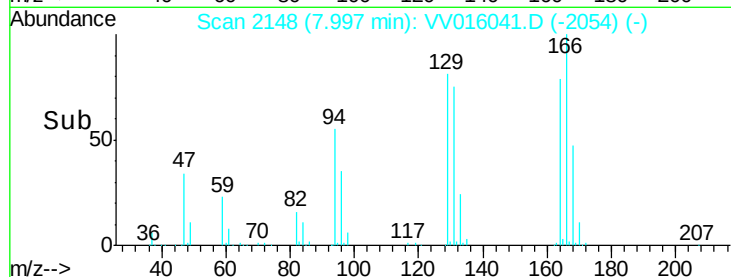
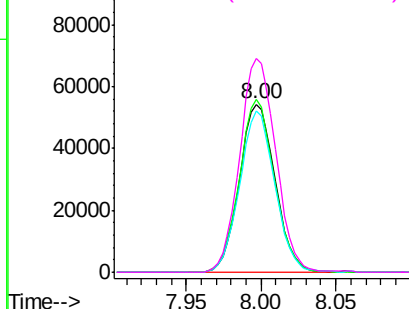


Abundance Ion 163.90 (163.60 to 164.60): V

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



#53

Chlorobenzene

Concen: 5.678 ug/L

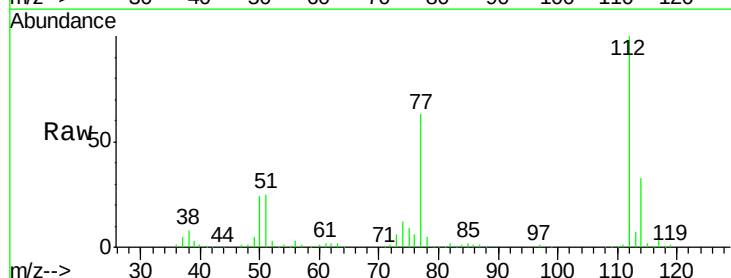
RT: 8.90 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VV016041.D

Acq: 13 May 2020 15:22

Tgt Ion	112	Resp	151686
Ion	Ratio	Lower	Upper
112	100		
114	33.3	21.6	40.0
77	63.3	48.6	73.0



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): VV0

