

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062320\
 Data File : VV017053.D
 Acq On : 23 Jun 2020 14:11
 Operator : SY/MD
 Sample : L3067-01DL 40X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFXF8DL

Manual Integrations
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 6/25/2020 3:37:31 PM

Quant Time: Jun 24 06:09:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jun 24 05:01:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	176379	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	171637	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	88859	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	44547	4.21	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.20%
7) Chloroethane-d5	1.58	69	36250	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.20%
11) 1,1-Dichloroethene-d2	2.13	63	74380	3.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.80%
20) 2-Butanone-d5	3.93	46	134999	50.04	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.08%
24) Chloroform-d	4.38	84	102289	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
26) 1,2-Dichloroethane-d4	5.06	65	61938	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.20%
32) Benzene-d6	5.07	84	213216	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
36) 1,2-Dichloropropane-d6	6.10	67	62834	4.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.20%
41) Toluene-d8	7.34	98	193154	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.40%
45) trans-1,3-Dichloropropene-	7.64	79	24907	4.49	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.80%
48) 2-Hexanone-d5	8.11	63	82473	38.99	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.98%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	44190	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.80%
65) 1,2-Dichlorobenzene-d4	11.65	152	79204	4.82	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.40%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	2353	0.203	ug/L #	62
8) Chloroethane	1.60	64	1728	0.270	ug/L	90
12) 1,1-Dichloroethene	2.14	96	10625	1.255	ug/L #	27
19) 1,1-Dichloroethane	3.21	63	231456	11.484	ug/L	100
22) cis-1,2-Dichloroethene	3.94	96	3119m	0.254	ug/L	
25) Chloroform	4.40	83	11829	0.537	ug/L	99
29) 1,1,1-Trichloroethane	4.63	97	774367	37.658	ug/L	99
53) Chlorobenzene	8.90	112	4220	0.130	ug/L #	86

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

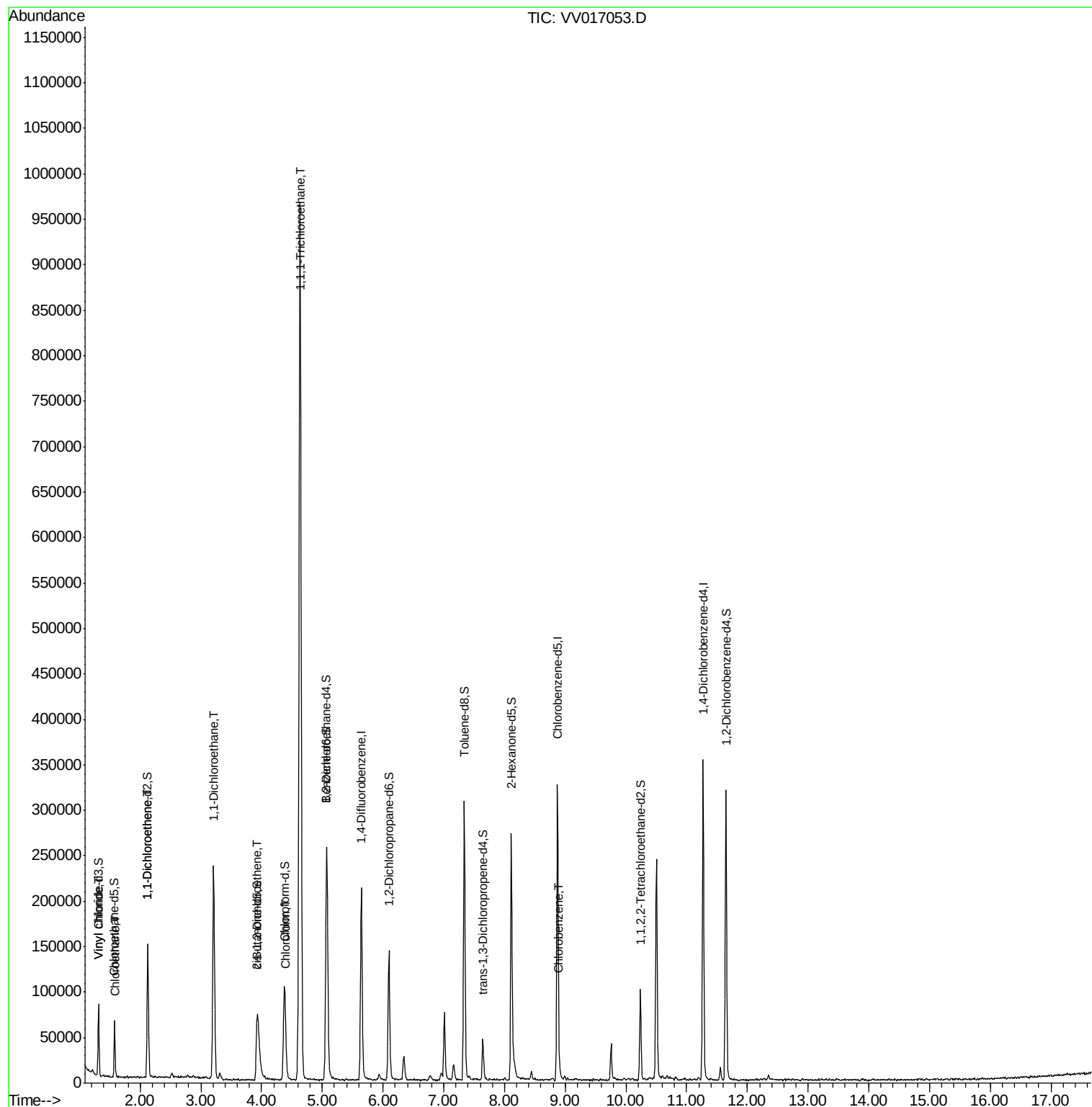
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV062320\
Data File : VV017053.D
Acq On : 23 Jun 2020 14:11
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Sample : L3067-01DL 40X
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 11 Sample Multiplier: 1

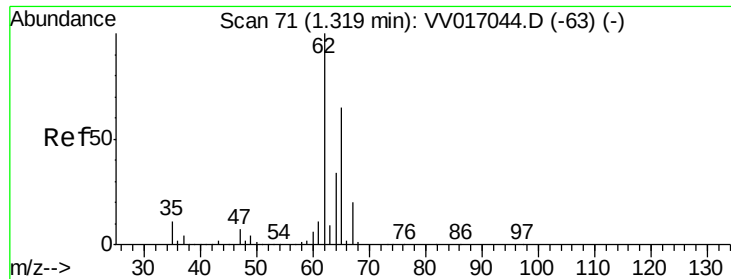
Instrument :
MSVOA_V
ClientSampleId :
BFXF8DL

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Quant Time: Jun 24 06:09:33 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jun 24 05:01:54 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.203 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV017053.D

Acq: 23 Jun 2020 14:11

Instrument :

MSVOA_V

ClientSampled :

BFXF8DL

Tot Ion: 62 Resp: 2353

Ion Ratio Lower Upper

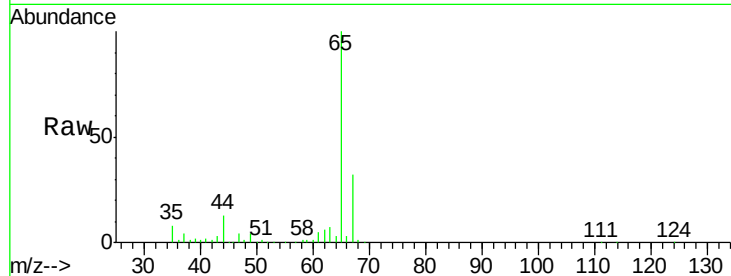
62 100

64 53.5 22.5 41.7#

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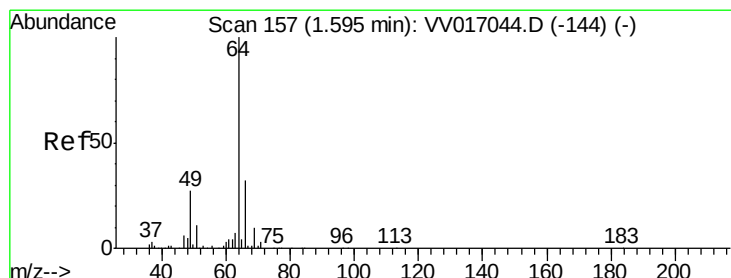
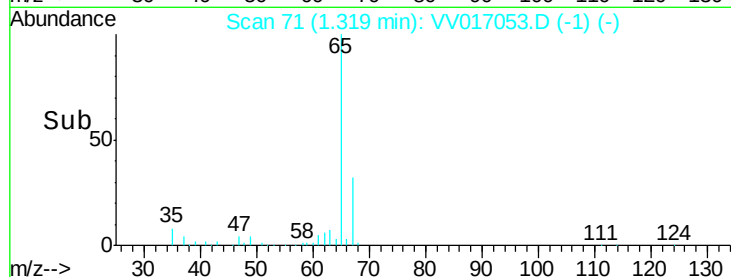
Abundance Ion 62.00 (61.70 to 62.70): VV017044.D (-63) (-)

Ion 64.10 (63.80 to 64.80): VV017053.D (-64) (-)

1.32

1.35

Time-->



#8

Chloroethane

Concen: 0.270 ug/L

RT: 1.60 min Scan# 157

Delta R.T. 0.00 min

Lab File: VV017053.D

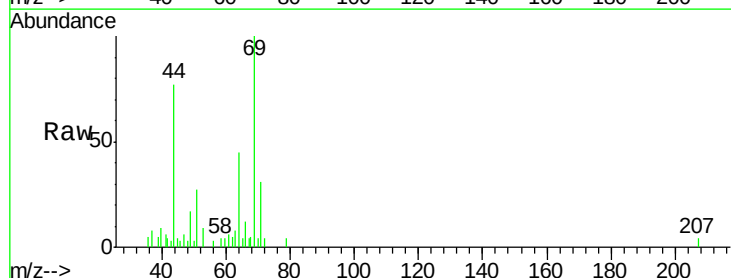
Acq: 23 Jun 2020 14:11

Tgt Ion: 64 Resp: 1728

Ion Ratio Lower Upper

64 100

66 27.1 22.8 42.4



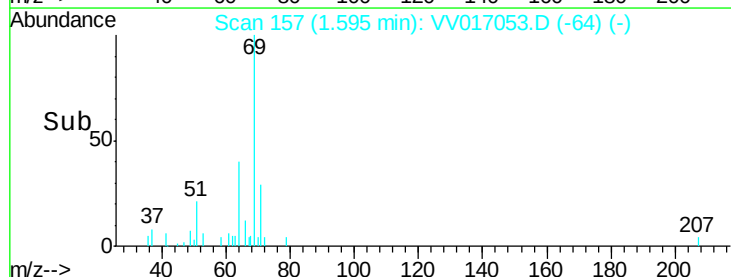
Abundance Ion 64.10 (63.80 to 64.80): VV017044.D (-144) (-)

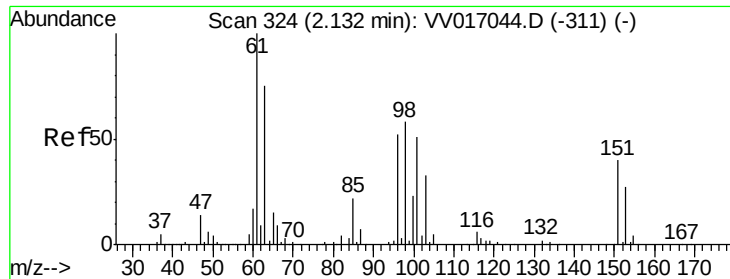
Ion 66.05 (65.75 to 66.75): VV017053.D (-64) (-)

1.60

1.55

Time-->





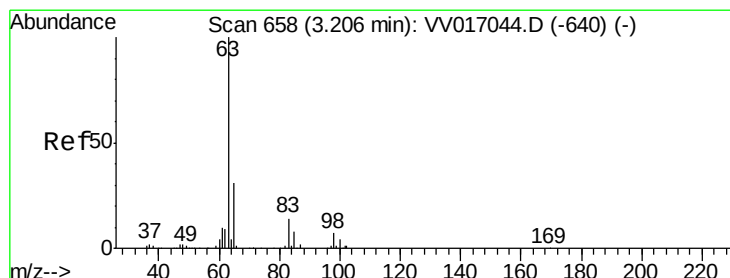
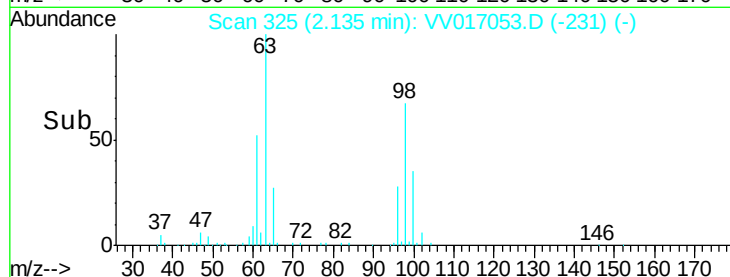
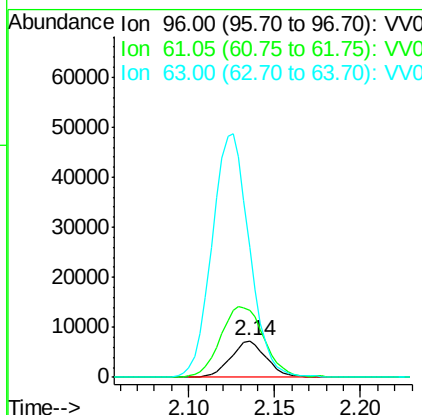
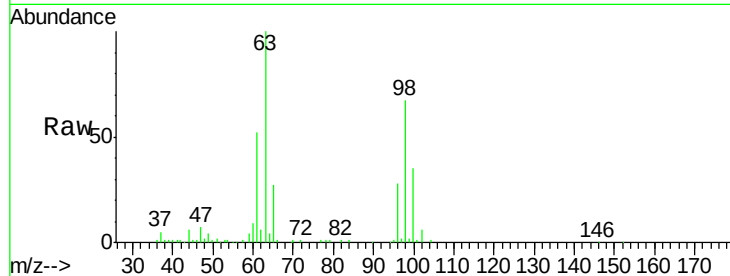
#12
 1,1-Dichloroethene
 Concen: 1.255 ug/L
 RT: 2.14 min Scan# 325
 Delta R.T. 0.00 min
 Lab File: VV017053.D
 Acq: 23 Jun 2020 14:11

Instrument :
 MSVOA_V
 ClientSampleId :
 BFXF8DL

Tot Ion	Ratio	Lower	Upper
96	100		
61	183.5	125.0	232.2
63	356.1	109.8	203.8#

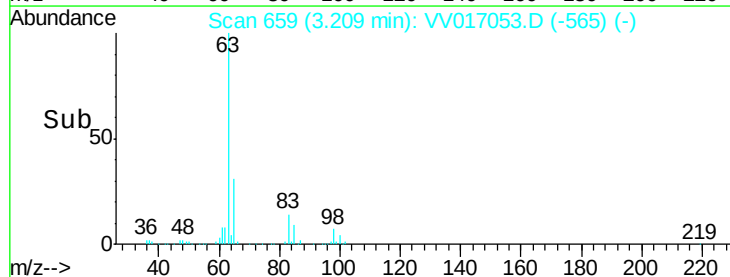
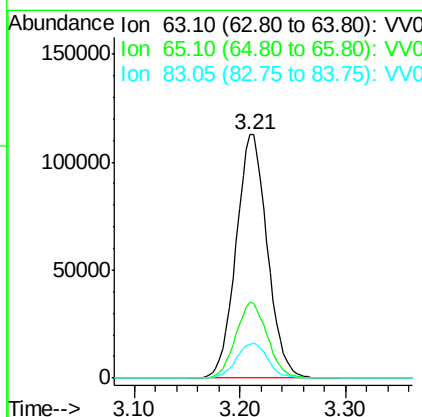
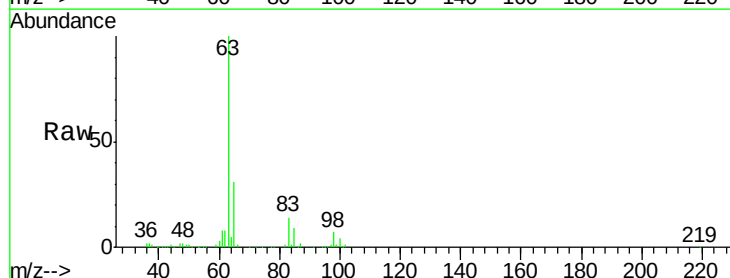
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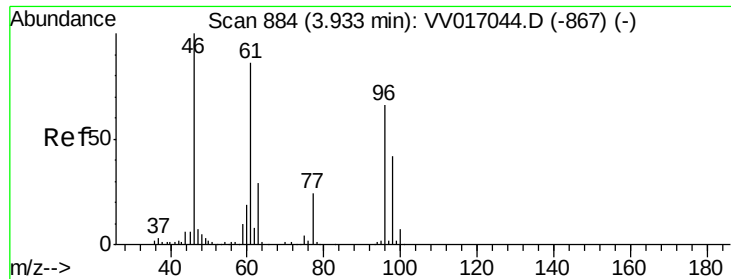
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#19
 1,1-Dichloroethane
 Concen: 11.484 ug/L
 RT: 3.21 min Scan# 659
 Delta R.T. 0.00 min
 Lab File: VV017053.D
 Acq: 23 Jun 2020 14:11

Tgt Ion	Ratio	Lower	Upper
63	100		
65	31.1	21.8	40.4
83	13.9	9.7	17.9





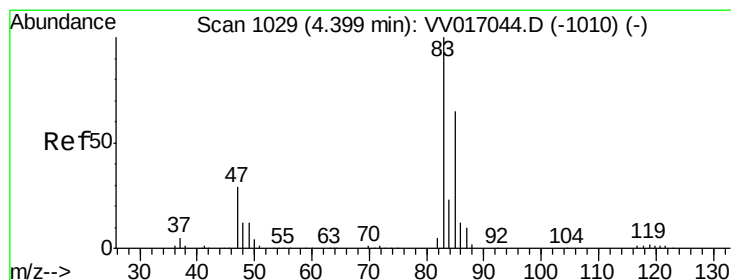
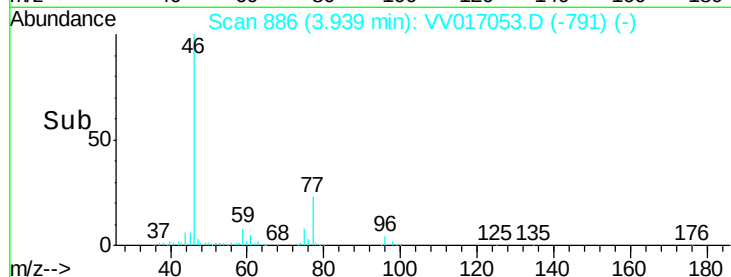
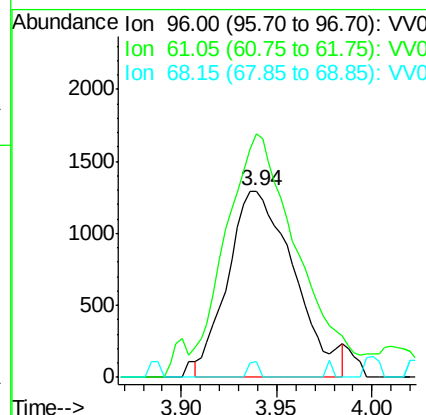
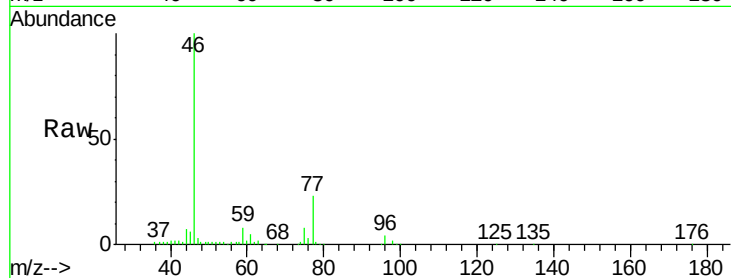
#22
 cis-1,2-Dichloroethene
 Concen: 0.254 ug/L m
 RT: 3.94 min Scan# 886
 Delta R.T. 0.01 min
 Lab File: VV017053.D
 Acq: 23 Jun 2020 14:11

Instrument :
 MSVOA_V
 ClientSampleId :
 BFXF8DL

Tot Ion	Ratio	Lower	Upper
96	100		
61	130.5	91.0	169.0
68	8.6	0.0	0.0#

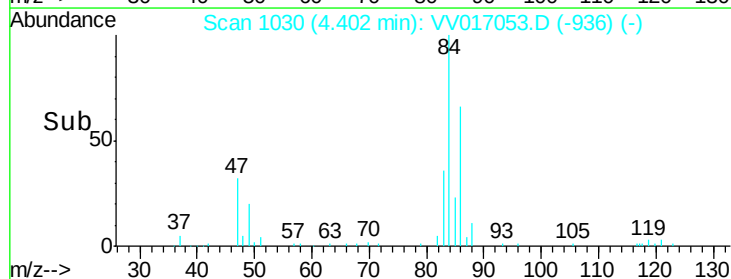
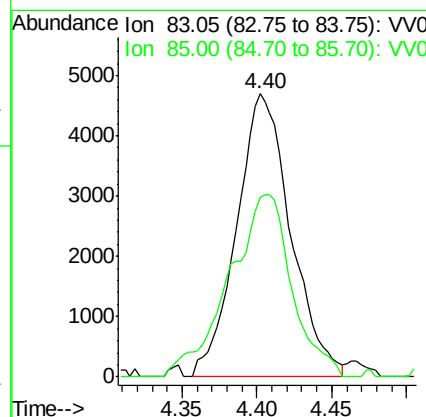
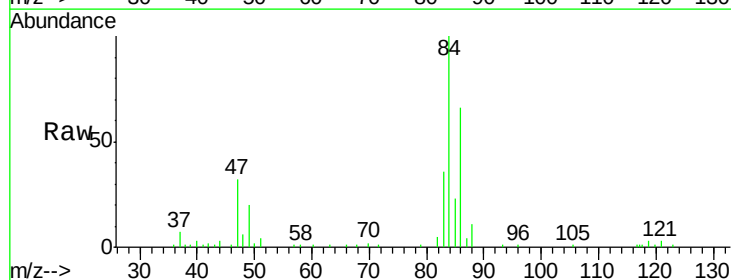
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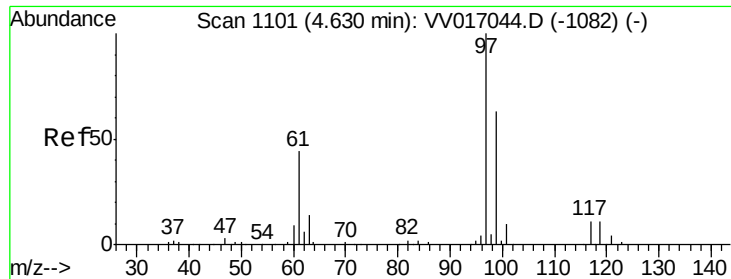
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#25
 Chloroform
 Concen: 0.537 ug/L
 RT: 4.40 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VV017053.D
 Acq: 23 Jun 2020 14:11

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.6	44.2	82.2





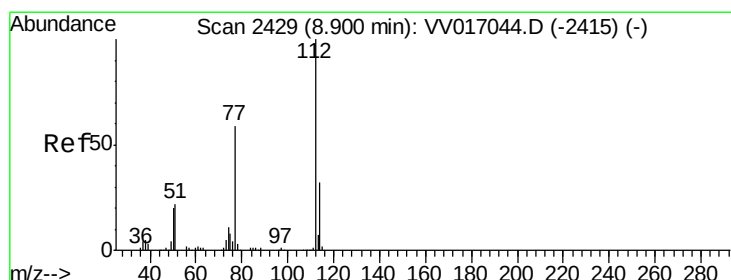
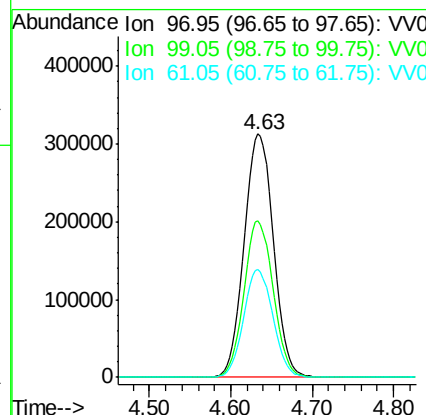
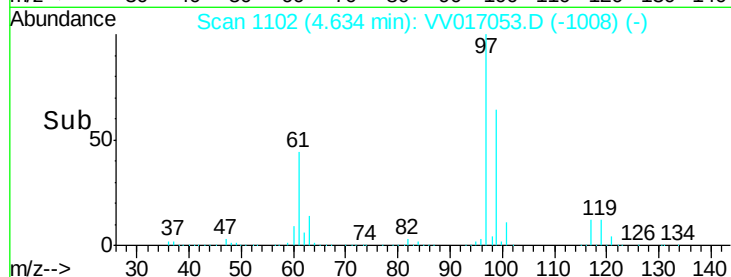
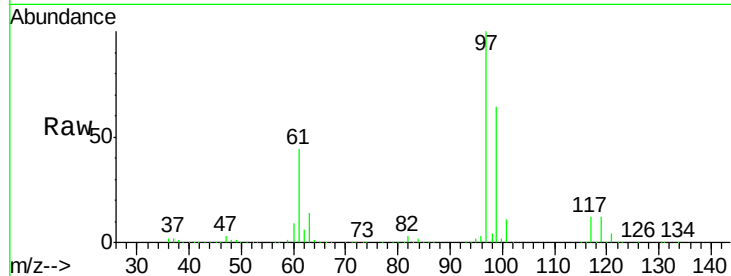
#29
 1,1,1-Trichloroethane
 Concen: 37.658 ug/L
 RT: 4.63 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: VV017053.D
 Acq: 23 Jun 2020 14:11

Instrument :
 MSVOA_V
 ClientSampleId :
 BFXF8DL

Tot Ion	Ratio	Resp	Lower	Upper
97	100	774367		
99	64.1		50.3	75.5
61	44.3		36.0	54.0

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#53
 Chlorobenzene
 Concen: 0.130 ug/L
 RT: 8.90 min Scan# 2430
 Delta R.T. 0.00 min
 Lab File: VV017053.D
 Acq: 23 Jun 2020 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	4220		
114	37.4		22.0	41.0
77	69.4		46.0	69.0

