

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV122019\
 Data File : VV014151.D
 Acq On : 20 Dec 2019 15:06
 Operator : SY/MD
 Sample : K6286-14DL 4X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFDZ0DL

Manual Integrations
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Quant Time: Dec 21 03:51:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Dec 21 02:31:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	365780	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	367191	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	161880	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	115209	5.09	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.80%
7) Chloroethane-d5	1.58	69	101429	5.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.60%
11) 1,1-Dichloroethene-d2	2.13	63	147495	3.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.40%
20) 2-Butanone-d5	3.92	46	244590	51.97	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.94%
24) Chloroform-d	4.40	84	224266	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	5.08	65	107158	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
32) Benzene-d6	5.09	84	422764	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
36) 1,2-Dichloropropane-d6	6.11	67	135432	4.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.00%
41) Toluene-d8	7.36	98	343274	3.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.20%
43) trans-1,3-Dichloropropene-	7.66	79	44138	4.02	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.40%
46) 2-Hexanone-d5	8.13	63	158486	39.10	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.20%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	95542	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	134519	4.71	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.20%

Target Compounds

					Ovalue
5) Vinyl chloride	1.33	62	3321	0.152 ug/L #	18
9) Trichlorofluoromethane	1.77	101	2839	0.084 ug/L	93
13) Acetone	2.18	43	15725m	4.778 ug/L	
16) Methylene chloride	2.53	84	77155	3.203 ug/L	94
19) 1,1-Dichloroethane	3.23	63	4721	0.119 ug/L #	90
22) cis-1,2-Dichloroethene	3.96	96	53531	2.299 ug/L	100
34) Trichloroethene	5.96	95	135390	5.449 ug/L	98

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

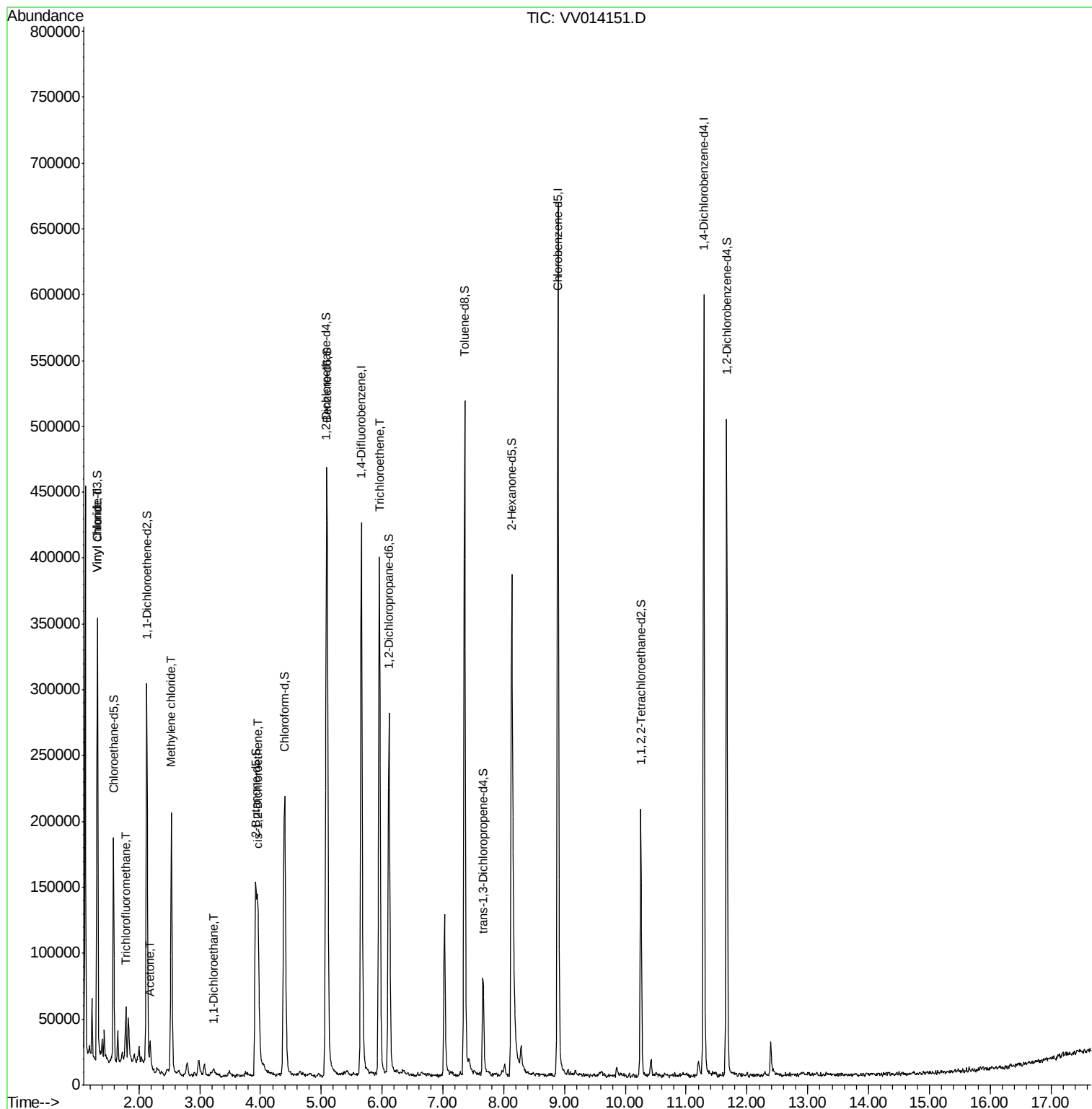
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV122019\
Data File : VV014151.D
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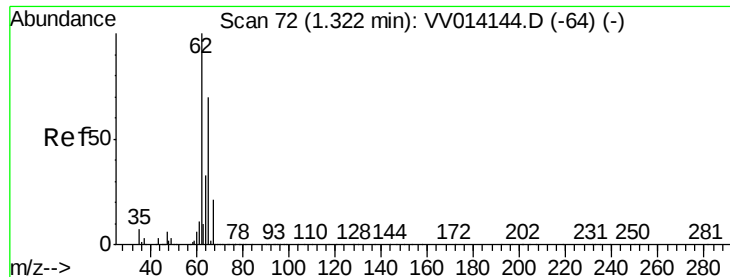
Instrument :
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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Dec 21 02:31:50 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.152 ug/L

RT: 1.33 min Scan# 73

Delta R.T. 0.00 min

Lab File: VV014151.D

Acq: 20 Dec 2019 15:06

Instrument :

MSVOA_V

ClientSampleId :

BFDZ0DL

Tot Ion: 62 Resp: 3321

Ion Ratio Lower Upper

62 100

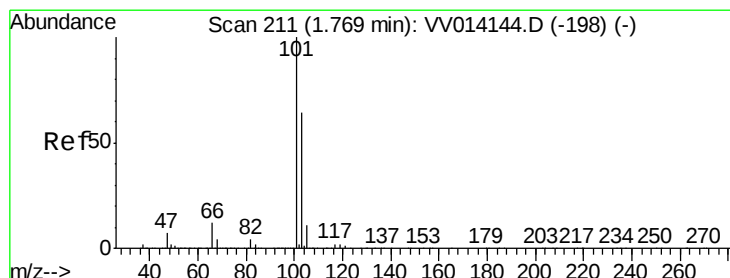
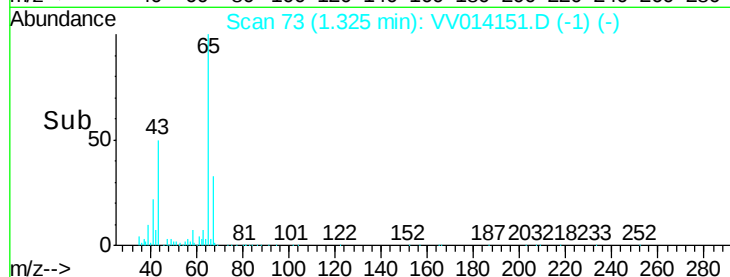
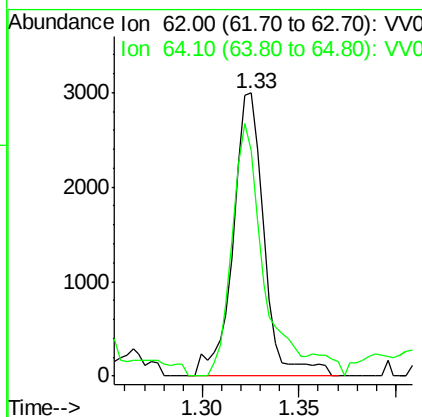
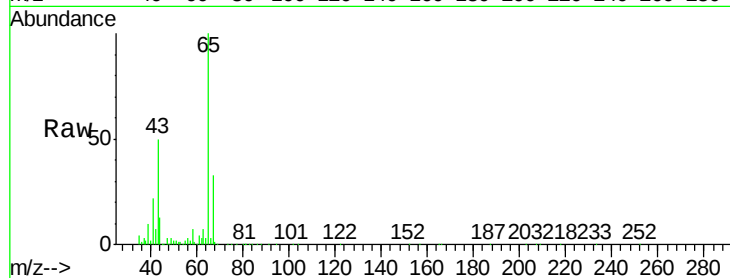
64 80.0 23.3 43.3#

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#9

Trichlorofluoromethane

Concen: 0.084 ug/L

RT: 1.77 min Scan# 212

Delta R.T. 0.00 min

Lab File: VV014151.D

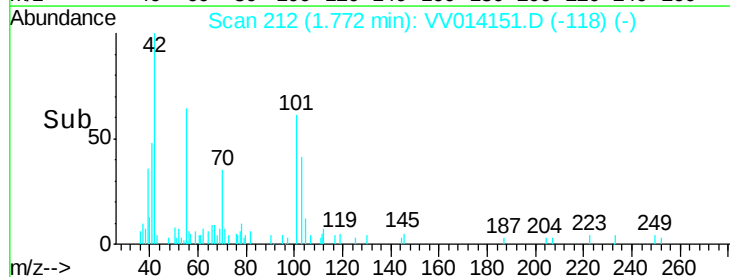
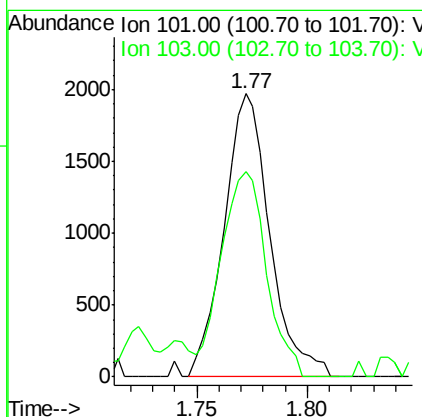
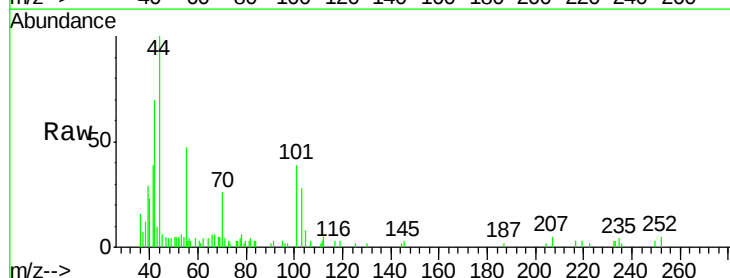
Acq: 20 Dec 2019 15:06

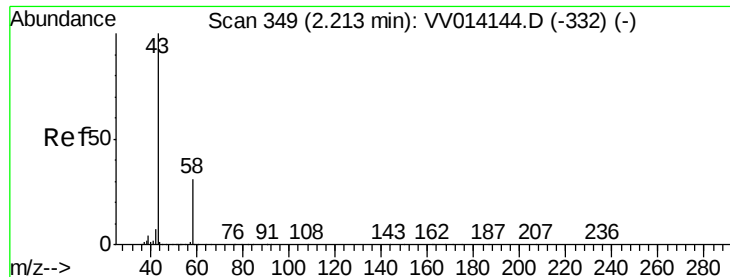
Tgt Ion: 101 Resp: 2839

Ion Ratio Lower Upper

101 100

103 71.7 52.9 79.3





#13

Acetone

Concen: 4.778 ug/L m

RT: 2.18 min Scan# 340

Delta R.T. -0.03 min

Lab File: VV014151.D

Acq: 20 Dec 2019 15:06

Tot Ion: 43 Resp: 15725

Ion Ratio Lower Upper

43 100

58 1.4 0.0 27.2

Instrument :

MSVOA_V

ClientSampleId :

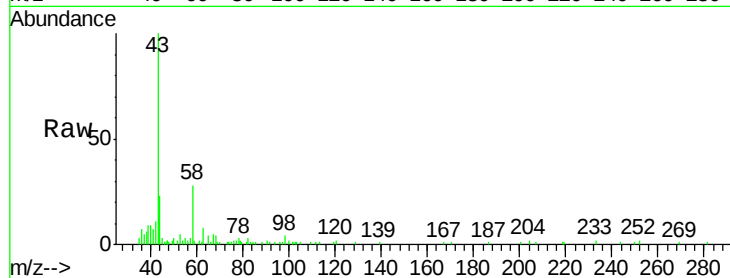
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Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

2.18

10000

8000

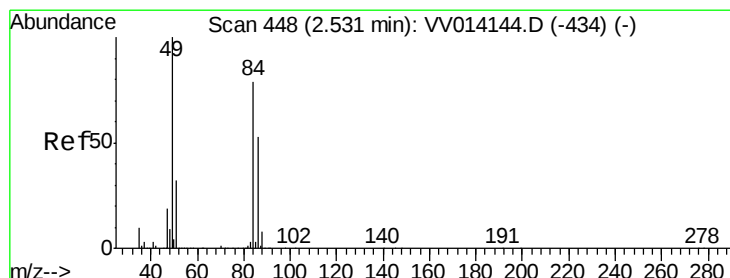
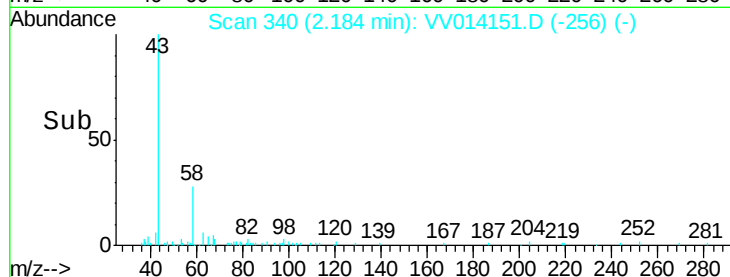
6000

4000

2000

0

Time-->



#16

Methylene chloride

Concen: 3.203 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

Lab File: VV014151.D

Acq: 20 Dec 2019 15:06

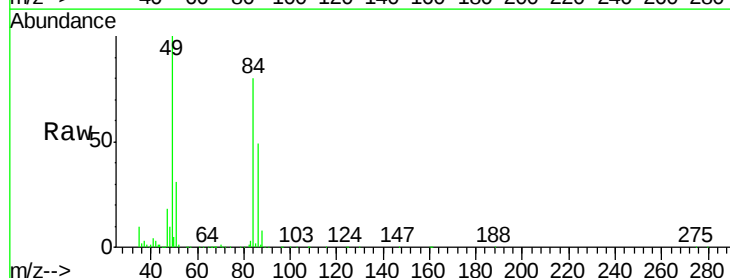
Tgt Ion: 84 Resp: 77155

Ion Ratio Lower Upper

84 100

86 61.4 44.0 81.6

49 125.6 81.5 151.5



Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0

80000

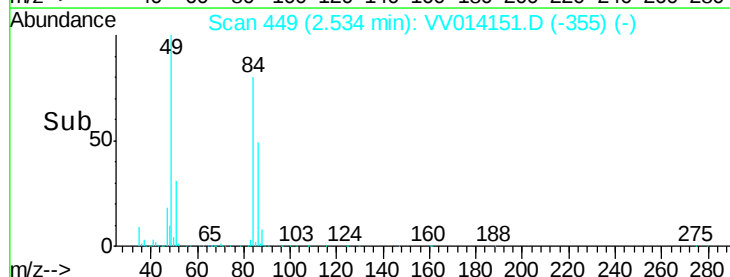
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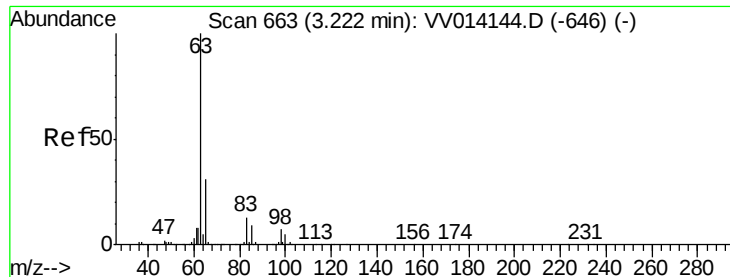
40000

20000

0

Time-->





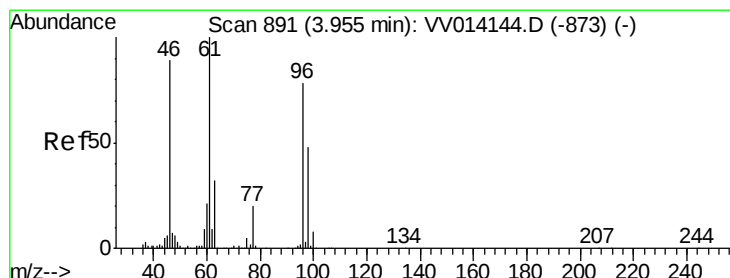
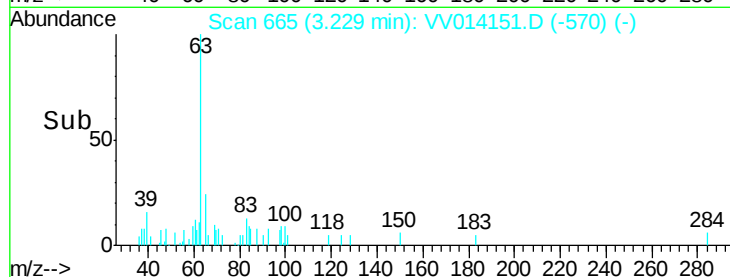
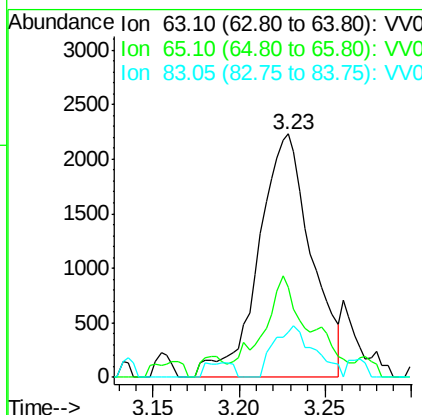
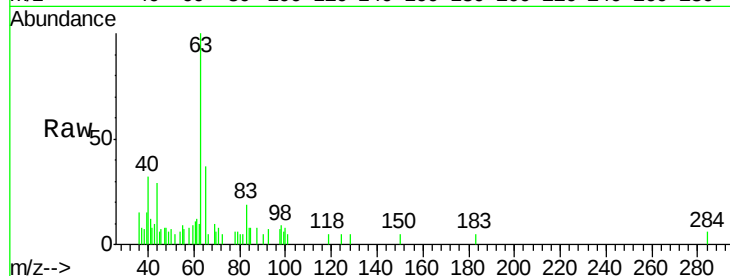
#19
 1,1-Dichloroethane
 Concen: 0.119 ug/L
 RT: 3.23 min Scan# 665
 Delta R.T. 0.01 min
 Lab File: VV014151.D
 Acq: 20 Dec 2019 15:06

Instrument :
 MSVOA_V
 ClientSampleId :
 BFDZ0DL

Tot Ion	Ratio	Lower	Upper
63	100		
65	37.1	22.7	42.1
83	18.6	9.2	17.2

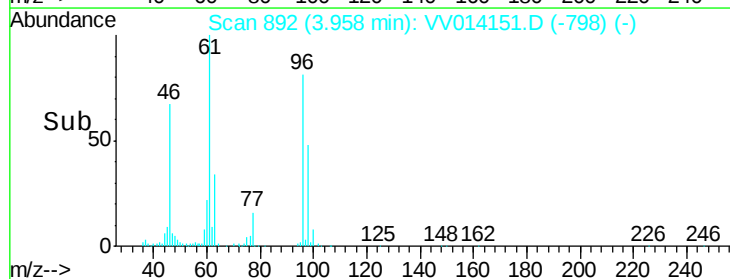
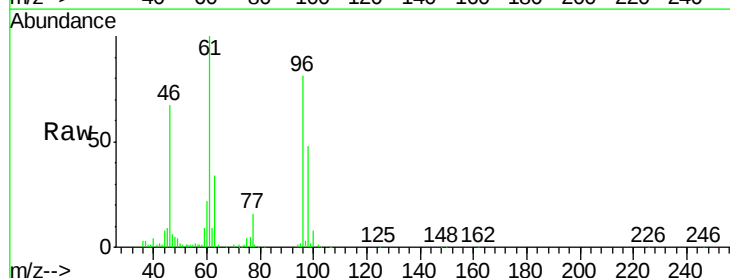
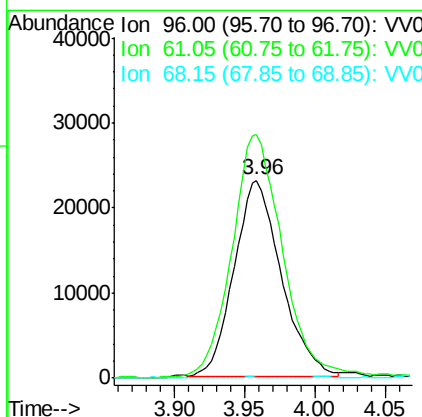
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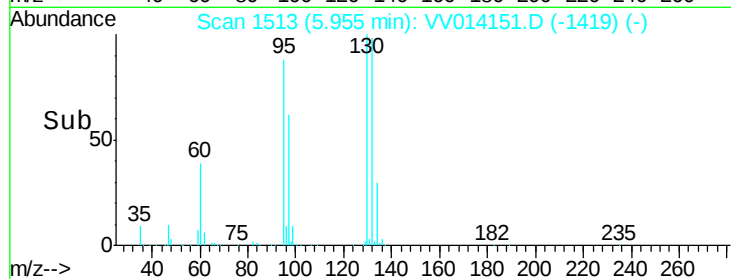
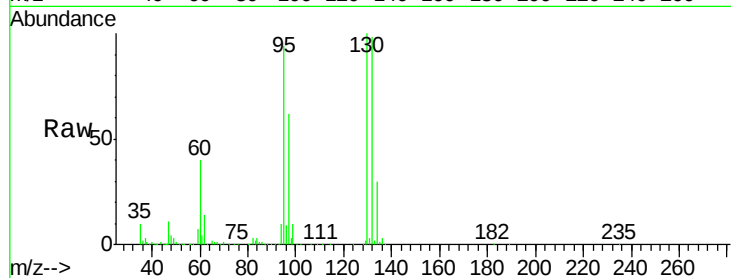
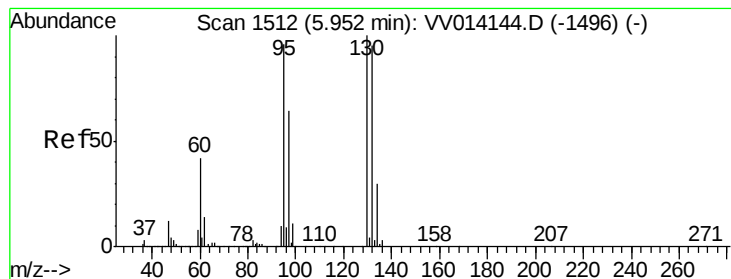
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#22
 cis-1,2-Dichloroethene
 Concen: 2.299 ug/L
 RT: 3.96 min Scan# 892
 Delta R.T. 0.00 min
 Lab File: VV014151.D
 Acq: 20 Dec 2019 15:06

Tgt Ion	Ratio	Lower	Upper
96	100		
61	123.2	86.1	159.9
68	0.0	0.0	0.0





#34

Trichloroethene

Concen: 5.449 ug/L

RT: 5.96 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VV014151.D

Acq: 20 Dec 2019 15:06

Tot Ion	Ion	Ratio	Resp Lower	Upper
95	100			
97	65.7	45.6	84.8	
132	103.9	70.5	130.9	
130	106.1	75.9	140.9	

Instrument :
MSVOA_V
ClientSampleId :
BFDZ0DL

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