

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121619\
 Data File : VV014078.D
 Acq On : 16 Dec 2019 17:35
 Operator : SY/MD
 Sample : K6275-19
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFDT5

Manual Integrations
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Quant Time: Dec 17 06:56:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Dec 17 05:42:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	415766	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	402023	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	179599	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	103709	4.03	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.60%
7) Chloroethane-d5	1.58	69	102871	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.20%
11) 1,1-Dichloroethene-d2	2.13	63	131945	3.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.00%
20) 2-Butanone-d5	3.93	46	323629	60.50	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.00%
24) Chloroform-d	4.40	84	211573	4.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.60%
26) 1,2-Dichloroethane-d4	5.08	65	110237	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.20%
32) Benzene-d6	5.10	84	372543	3.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	71.80%
36) 1,2-Dichloropropane-d6	6.12	67	133478	4.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.40%
41) Toluene-d8	7.36	98	284095	2.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	58.40%#
43) trans-1,3-Dichloropropene-	7.66	79	41562	3.45	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.00%
46) 2-Hexanone-d5	8.13	63	237156	53.44	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.88%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	113493	5.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	133809	4.22	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.40%

Target Compounds

					Qvalue
3) Chloromethane	1.25	50	3705	0.152 ug/L	99
5) Vinyl chloride	1.33	62	7153	0.288 ug/L #	51
9) Trichlorofluoromethane	1.77	101	20116	0.522 ug/L	97
12) 1,1-Dichloroethene	2.14	96	11899	0.595 ug/L #	1
13) Acetone	2.19	43	13890m	3.713 ug/L	
14) Carbon disulfide	2.32	76	10221	0.221 ug/L	95
18) trans-1,2-Dichloroethene	2.79	96	10529	0.466 ug/L	88
19) 1,1-Dichloroethane	3.23	63	13341	0.296 ug/L #	93
22) cis-1,2-Dichloroethene	3.96	96	382667	14.456 ug/L #	97
34) Trichloroethene	5.96	95	1787345	65.702 ug/L	97
42) Toluene	7.43	91	7678	0.073 ug/L	86
47) Tetrachloroethene	8.02	164	6528	0.276 ug/L	89

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

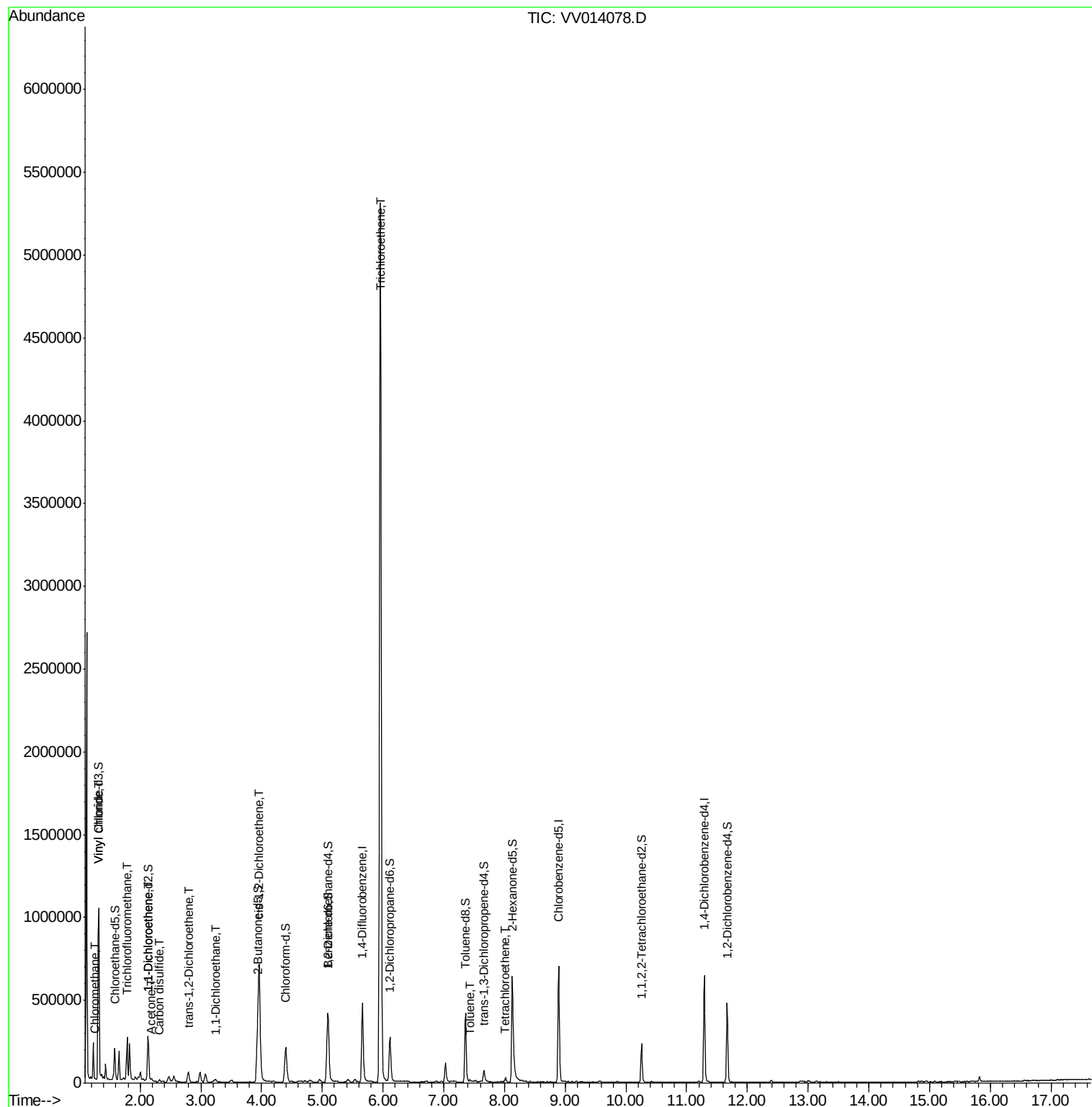
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV121619\
Data File : VV014078.D
Acq On : 16 Dec 2019 17:35
Operator : SY/MD
Sample : K6275-19
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

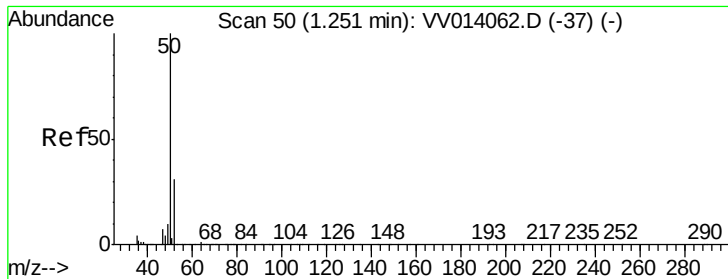
Instrument :
MSVOA_V
ClientSampleId :
BFD5

Quant Time: Dec 17 06:56:33 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 17 05:42:45 2019
Response via : Initial Calibration

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#3

Chloromethane

Concen: 0.152 ug/L

RT: 1.25 min Scan# 51

Delta R.T. 0.00 min

Lab File: VV014078.D

Acq: 16 Dec 2019 17:35

Instrument :

MSVOA_V

ClientSampleId :

BFD5

Tgt Ion: 50 Resp: 3705

Ion Ratio Lower Upper

50 100

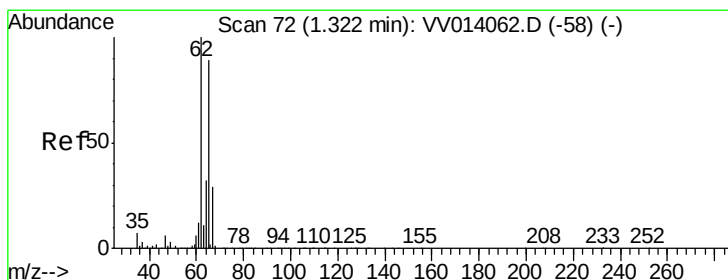
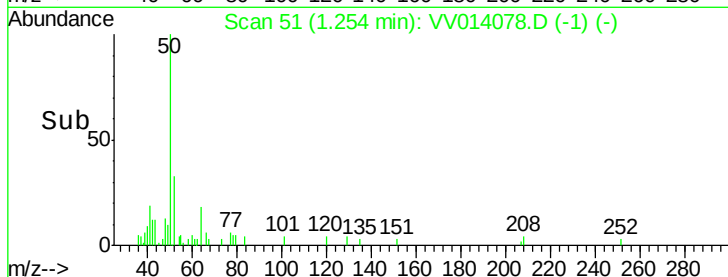
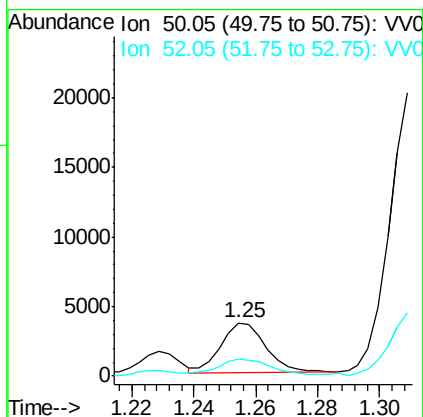
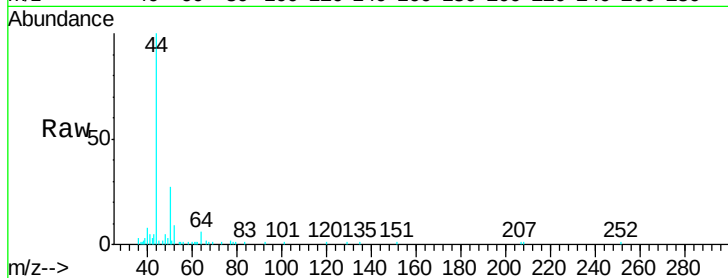
52 31.6 22.5 41.7

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#5

Vinyl chloride

Concen: 0.288 ug/L

RT: 1.33 min Scan# 73

Delta R.T. 0.00 min

Lab File: VV014078.D

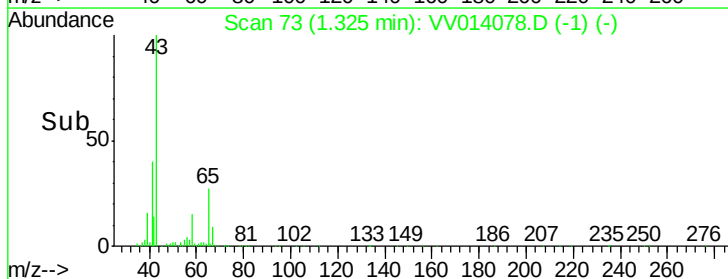
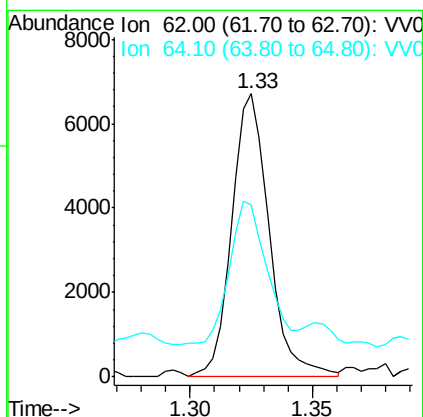
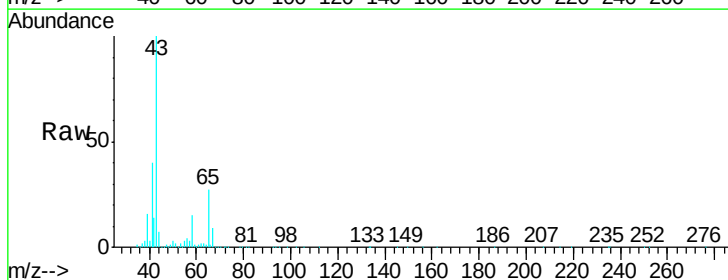
Acq: 16 Dec 2019 17:35

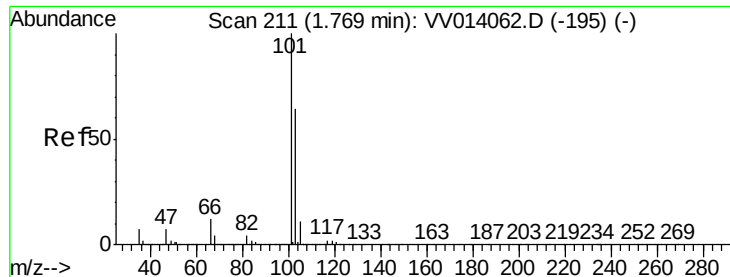
Tgt Ion: 62 Resp: 7153

Ion Ratio Lower Upper

62 100

64 60.9 23.3 43.3#





#9

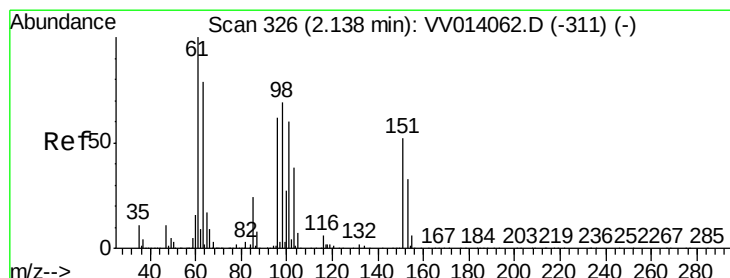
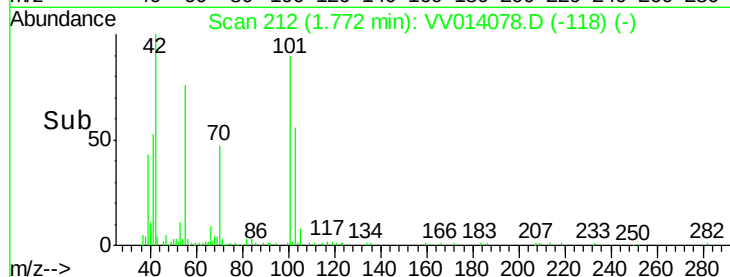
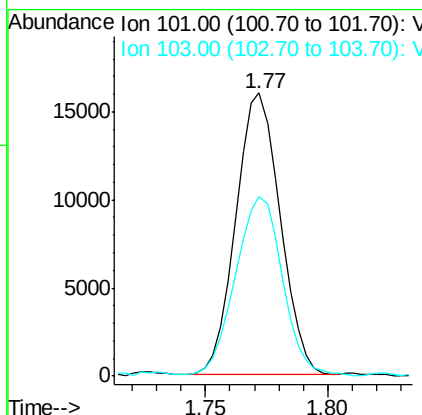
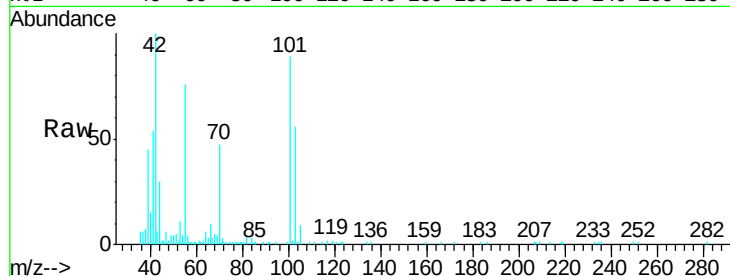
Trichlorofluoromethane
Concen: 0.522 ug/L
RT: 1.77 min Scan# 212
Delta R.T. 0.00 min
Lab File: VV014078.D
Acq: 16 Dec 2019 17:35

Instrument :
MSVOA_V
ClientSampled :
BFD5

Tgt Ion	Ratio	Resp	Lower	Upper
101	100	20116		
103	68.1	52.9	79.3	

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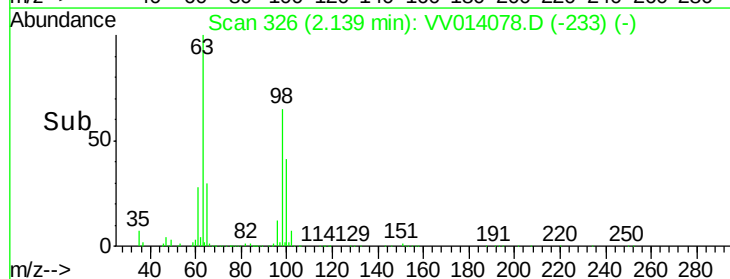
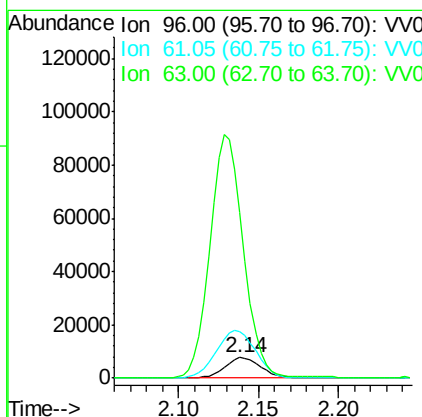
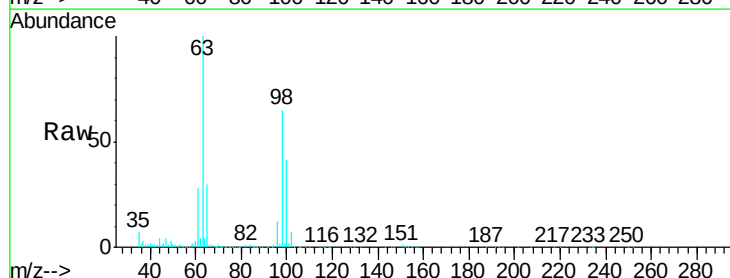
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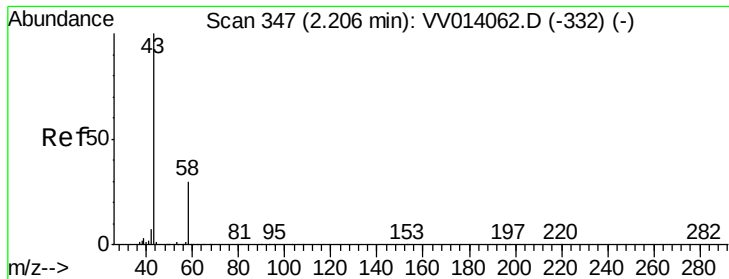


#12

1,1-Dichloroethene
Concen: 0.595 ug/L
RT: 2.14 min Scan# 326
Delta R.T. 0.00 min
Lab File: VV014078.D
Acq: 16 Dec 2019 17:35

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	11899		
61	226.4	116.3	215.9#	
63	803.8	96.7	179.7#	





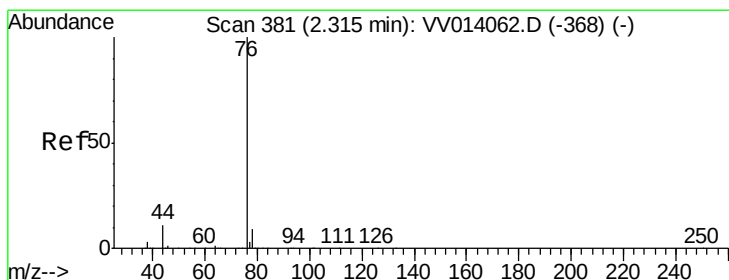
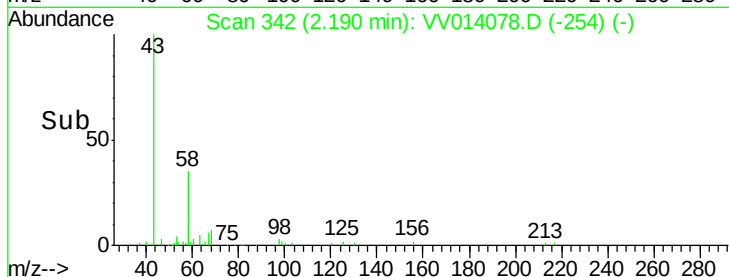
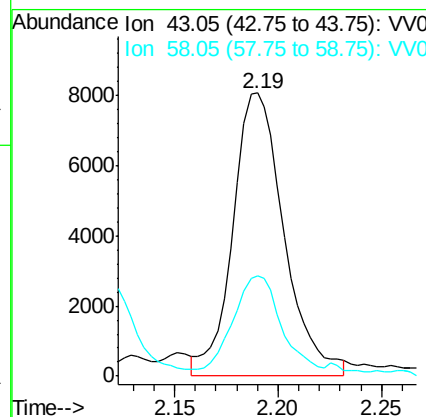
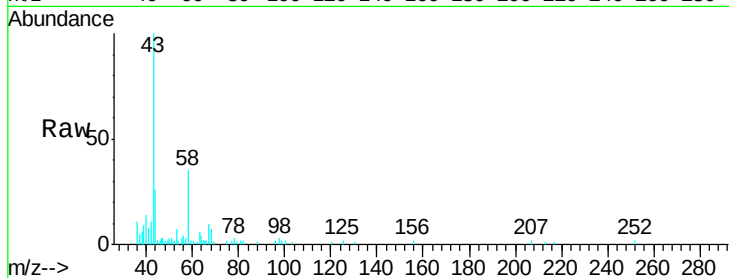
#13
Acetone
Concen: 3.713 ug/L m
RT: 2.19 min Scan# 342
Delta R.T. -0.02 min
Lab File: VV014078.D
Acq: 16 Dec 2019 17:35

Instrument :
MSVOA_V
ClientSampled :
BFD5

Tgt Ion: 43 Resp: 13890
Ion Ratio Lower Upper
43 100
58 1.1 0.0 27.2

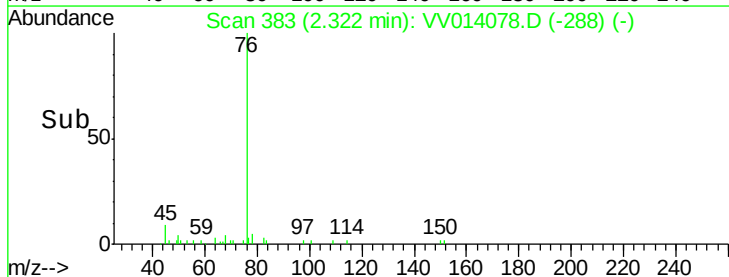
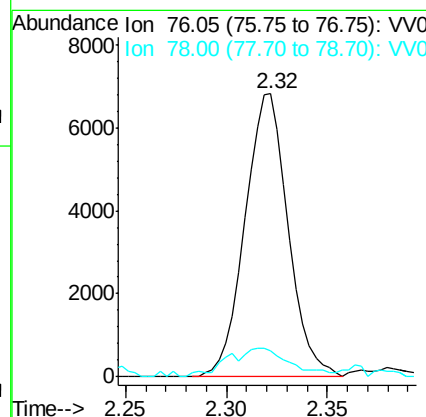
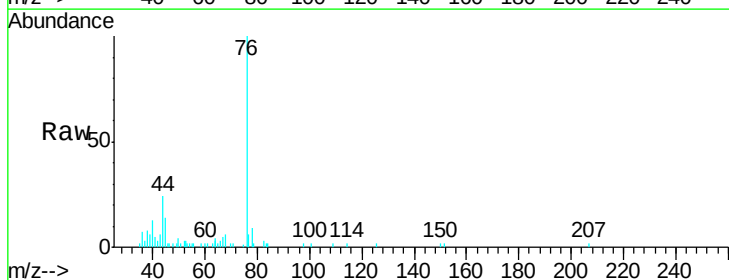
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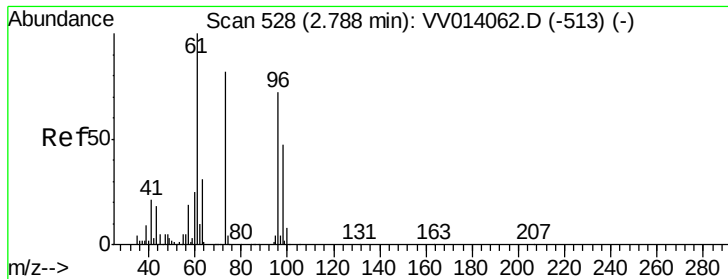
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#14
Carbon disulfide
Concen: 0.221 ug/L
RT: 2.32 min Scan# 383
Delta R.T. 0.01 min
Lab File: VV014078.D
Acq: 16 Dec 2019 17:35

Tgt Ion: 76 Resp: 10221
Ion Ratio Lower Upper
76 100
78 11.1 7.5 11.3





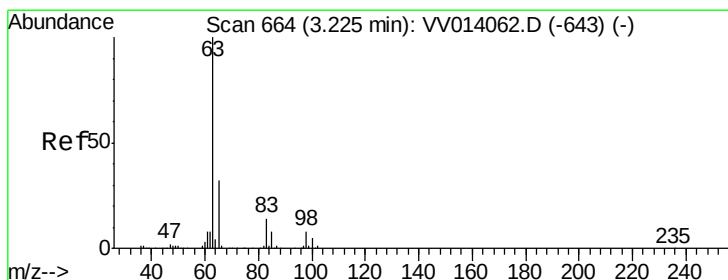
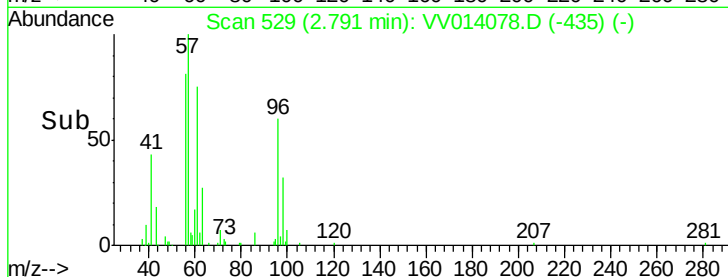
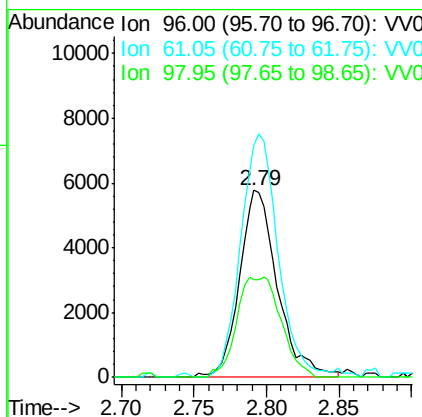
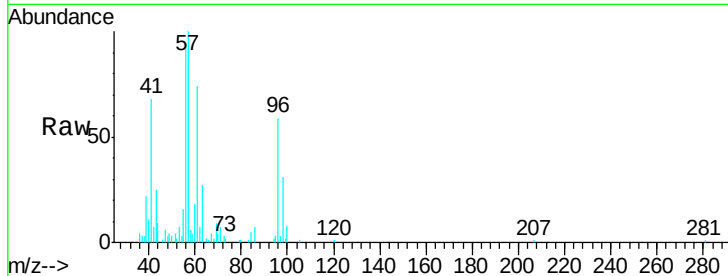
#18
trans-1,2-Dichloroethene
Concen: 0.466 ug/L
RT: 2.79 min Scan# 529
Delta R.T. 0.00 min
Lab File: VV014078.D
Acq: 16 Dec 2019 17:35

Instrument :
MSVOA_V
ClientSampleId :
BFDT5

Tgt Ion	Ratio	Lower	Upper
96	100		
61	124.6	95.1	176.7
98	52.4	46.5	86.3

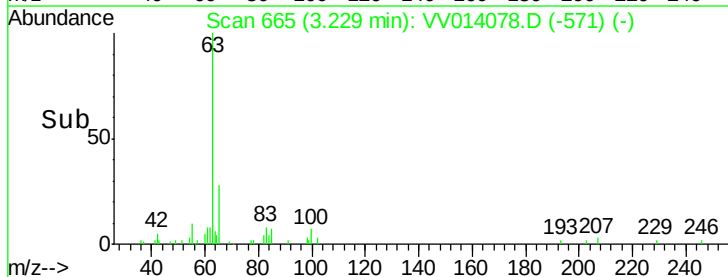
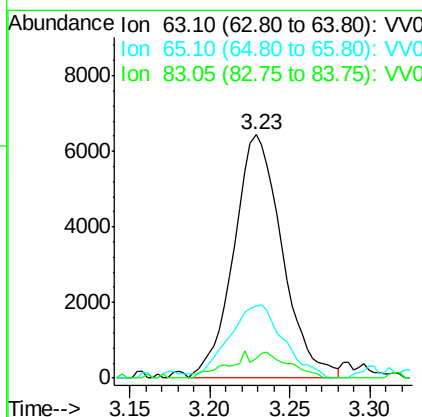
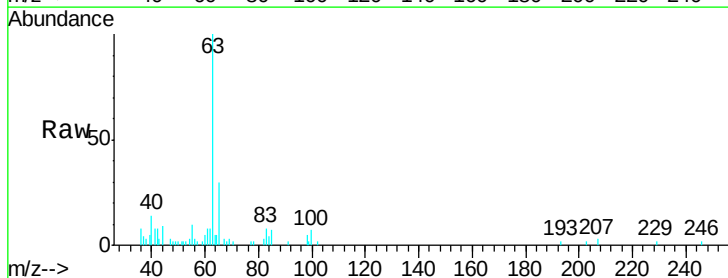
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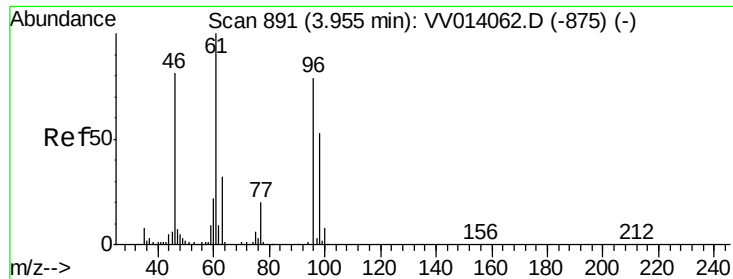
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#19
1,1-Dichloroethane
Concen: 0.296 ug/L
RT: 3.23 min Scan# 665
Delta R.T. 0.00 min
Lab File: VV014078.D
Acq: 16 Dec 2019 17:35

Tgt Ion	Ratio	Lower	Upper
63	100		
65	29.5	22.7	42.1
83	8.1	9.2	17.2





#22

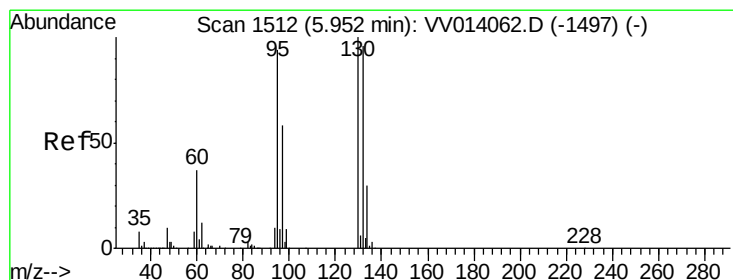
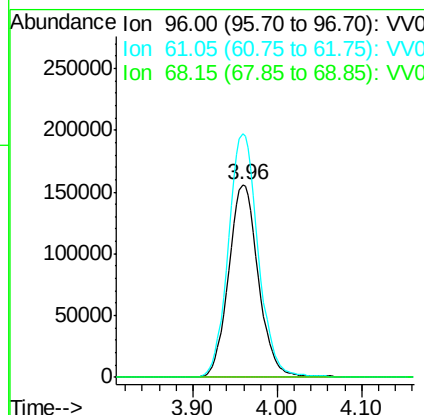
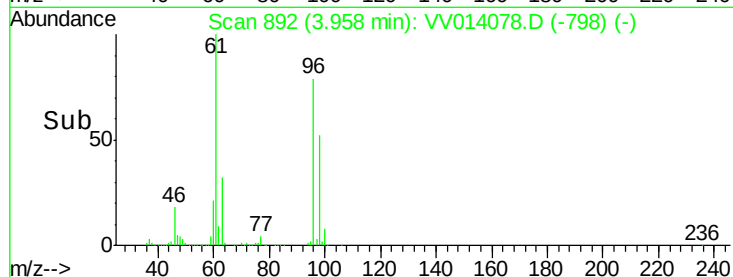
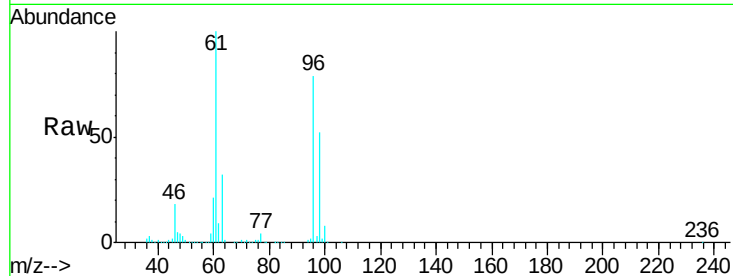
cis-1,2-Dichloroethene
Concen: 14.456 ug/L
RT: 3.96 min Scan# 892
Delta R.T. 0.00 min
Lab File: VV014078.D
Acq: 16 Dec 2019 17:35

Instrument :
MSVOA_V
ClientSampleId :
BFD5

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	382667		
61	126.1	86.1	159.9	
68	0.1	0.0	0.0#	

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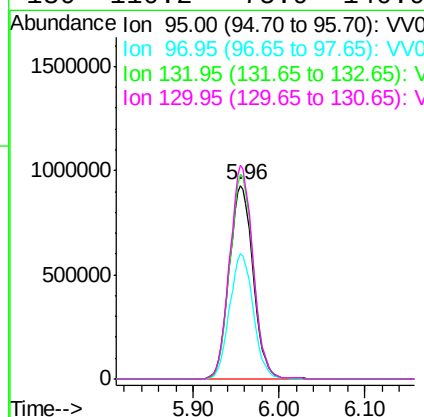
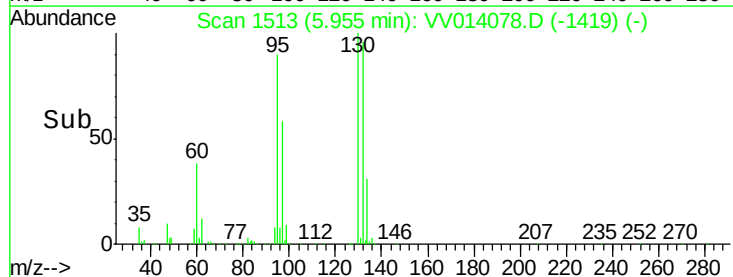
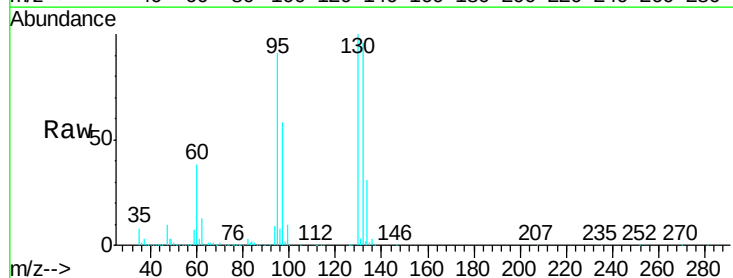
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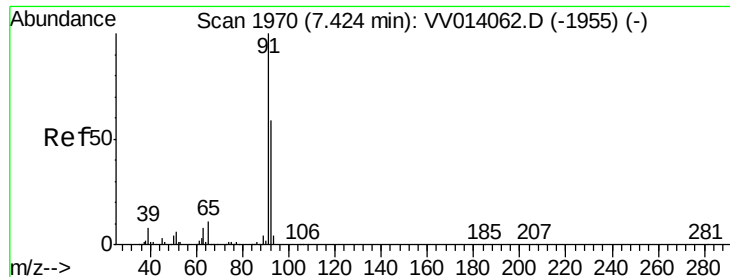


#34

Trichloroethene
Concen: 65.702 ug/L
RT: 5.96 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VV014078.D
Acq: 16 Dec 2019 17:35

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	1787345		
97	64.5	45.6	84.8	
132	105.7	70.5	130.9	
130	110.2	75.9	140.9	





#42

Toluene

Concen: 0.073 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.01 min

Lab File: VV014078.D

Acq: 16 Dec 2019 17:35

Instrument :

MSVOA_V

ClientSampleId :

BFDTS

Tgt Ion: 91 Resp: 7678

Ion Ratio Lower Upper

91 100

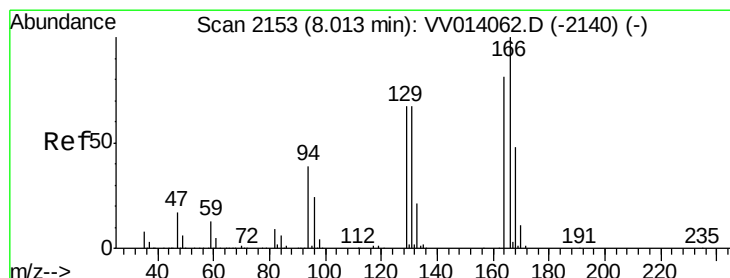
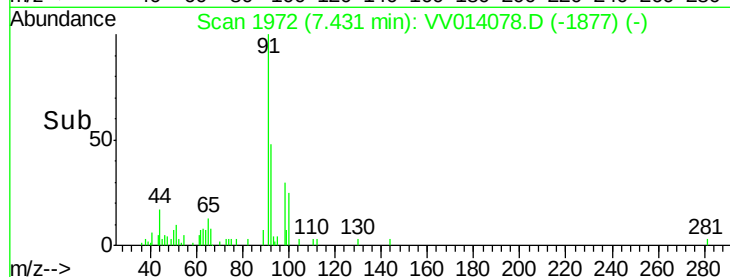
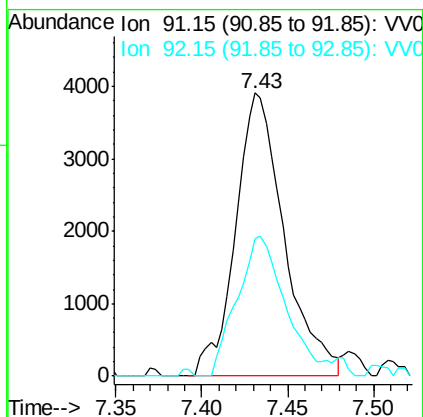
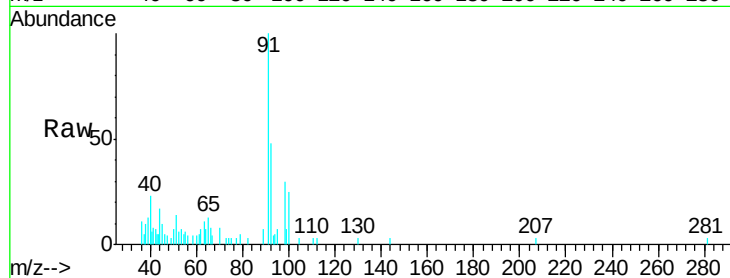
92 48.4 41.1 76.3

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#47

Tetrachloroethene

Concen: 0.276 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. 0.00 min

Lab File: VV014078.D

Acq: 16 Dec 2019 17:35

Tgt Ion: 164 Resp: 6528

Ion Ratio Lower Upper

164 100

129 91.4 60.3 112.1

131 94.7 59.9 111.3

166 144.5 89.1 165.5

