

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090619\
 Data File : VV012597.D
 Acq On : 06 Sep 2019 13:42
 Operator : SY/MD
 Sample : K4685-14
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFD83

Quant Time: Sep 06 14:08:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090519WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 06 11:34:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	144867	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	152648	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	52323	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	62538	4.61	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.20%
7) Chloroethane-d5	1.58	69	66192	5.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.80%
11) 1,1-Dichloroethene-d2	2.13	63	103614	3.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.20%
20) 2-Butanone-d5	3.93	46	156041	59.06	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.12%
24) Chloroform-d	4.40	84	107158	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.00%
26) 1,2-Dichloroethane-d4	5.08	65	59827	5.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.20%
32) Benzene-d6	5.10	84	190160	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
36) 1,2-Dichloropropane-d6	6.12	67	64651	5.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.40%
41) Toluene-d8	7.36	98	149353	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.40%
43) trans-1,3-Dichloropropene-	7.67	79	17753	4.07	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.40%
46) 2-Hexanone-d5	8.13	63	78501	47.19	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.38%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	47719	5.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	49003	5.61	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.20%

Target Compounds

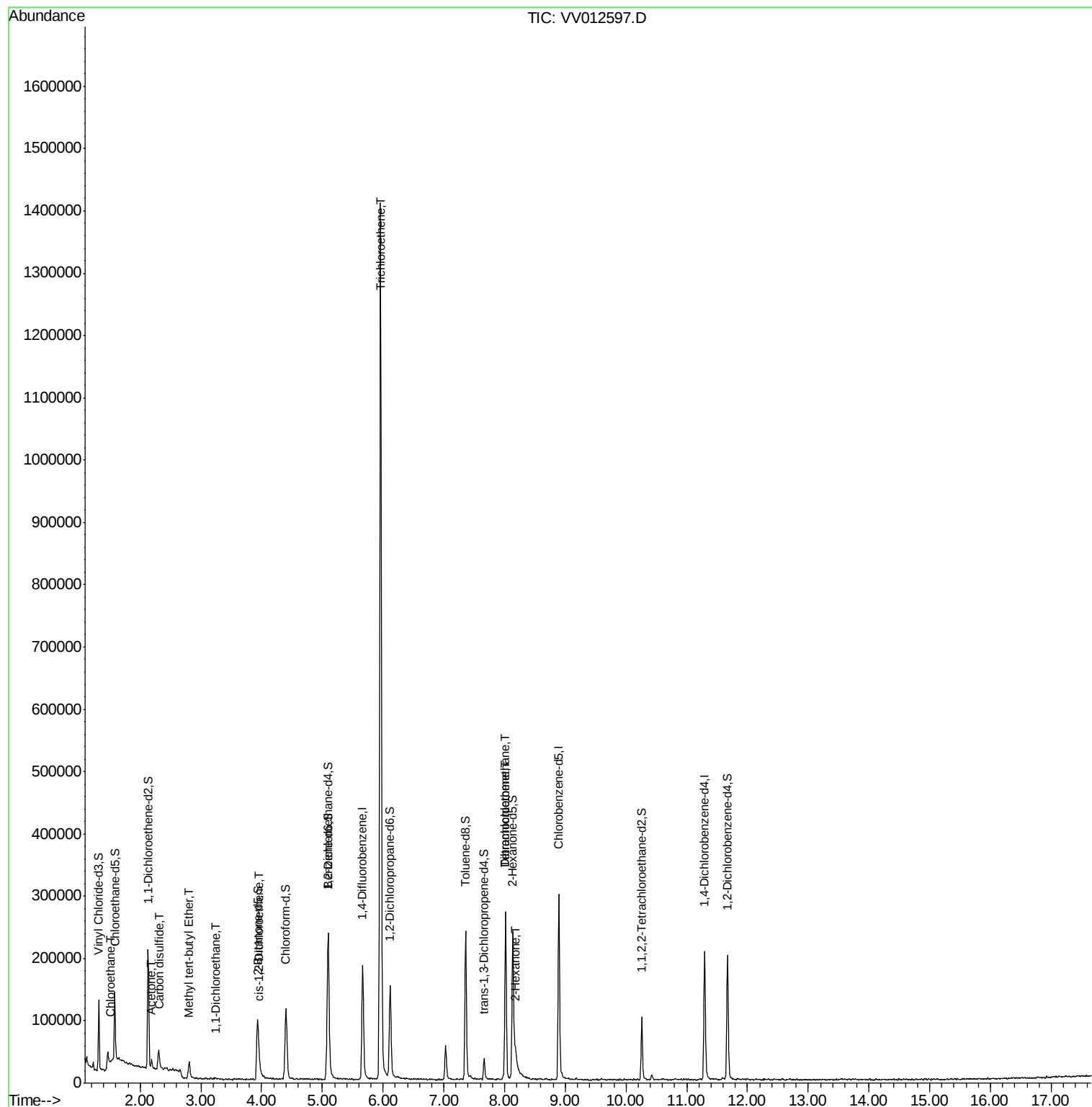
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Chloroethane	1.51	64	31516	2.234	ug/L #	53
13) Acetone	2.19	43	13686	4.270	ug/L	98
14) Carbon disulfide	2.32	76	7901	0.144	ug/L #	94
17) Methyl tert-butyl Ether	2.81	73	22799	0.817	ug/L	97
19) 1,1-Dichloroethane	3.23	63	1372	0.052	ug/L #	80
22) cis-1,2-Dichloroethene	3.96	96	2812	0.207	ug/L	96
34) Trichloroethene	5.96	95	462088	30.016	ug/L	99
47) Tetrachloroethene	8.02	164	53573	4.774	ug/L	97
48) 2-Hexanone	8.18	43	15262	2.505	ug/L #	84
49) Dibromochloromethane	8.02	129	50361	4.525	ug/L #	12

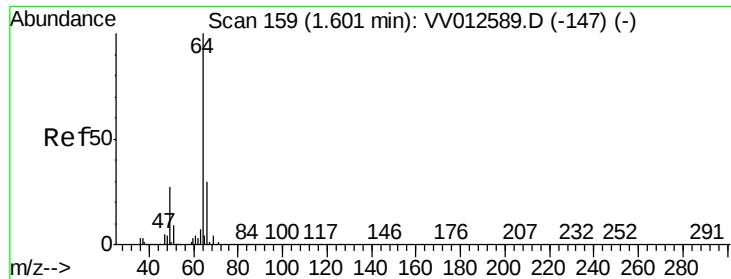
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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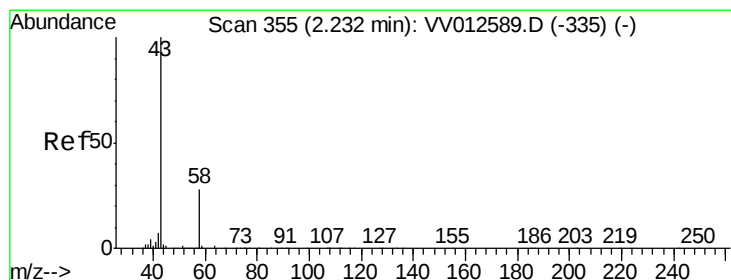
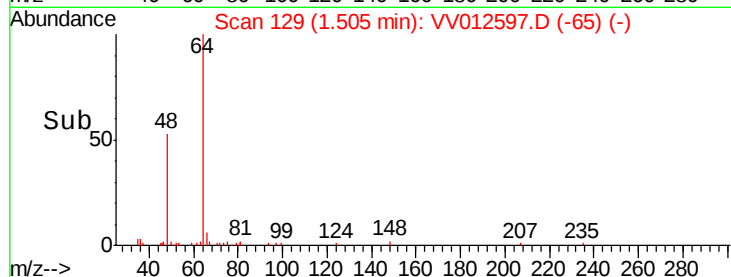
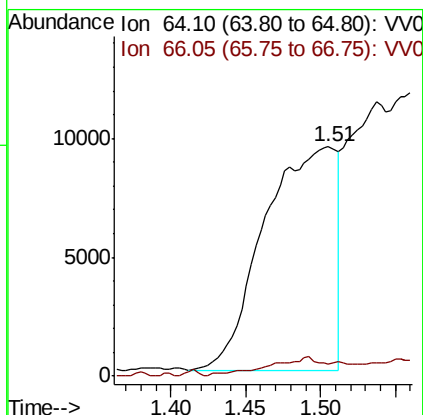
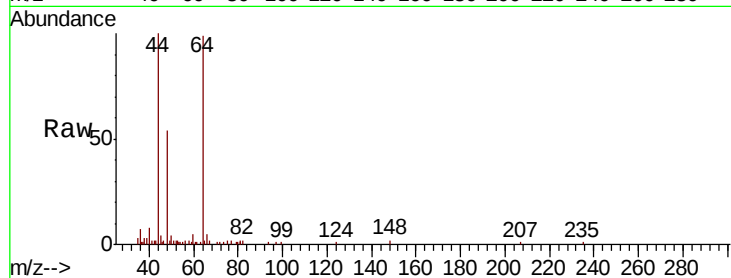




#8
Chloroethane
Concen: 2.234 ug/L
RT: 1.51 min Scan# 129
Delta R.T. -0.09 min
Lab File: VV012597.D
Acq: 06 Sep 2019 13:42

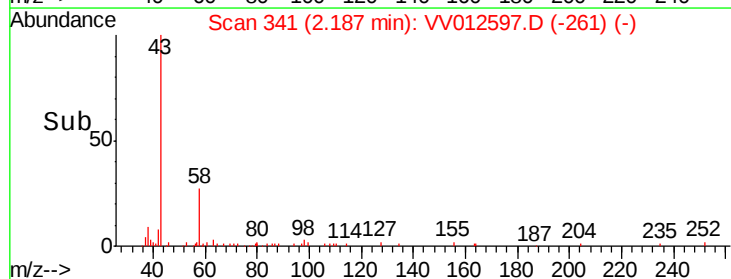
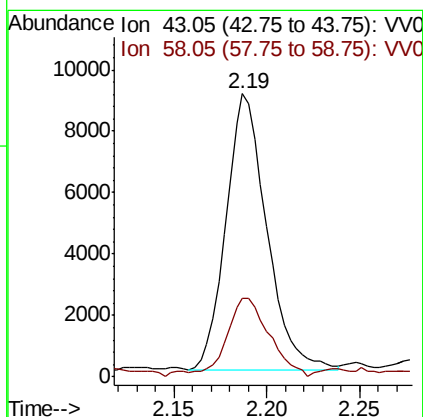
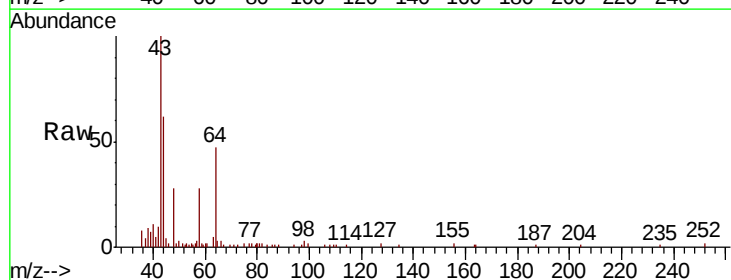
Instrument :
MSVOA_V
ClientSampleId :
BFD83

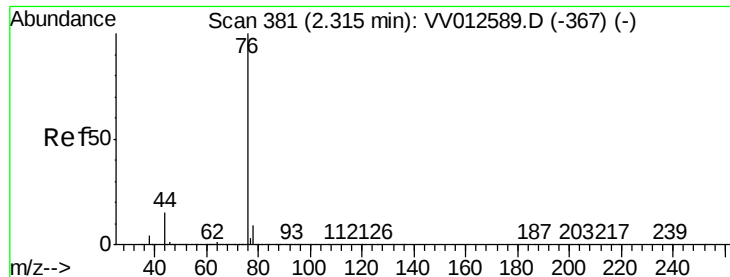
Tgt Ion: 64 Resp: 31516
Ion Ratio Lower Upper
64 100
66 5.4 22.2 41.2#



#13
Acetone
Concen: 4.270 ug/L
RT: 2.19 min Scan# 341
Delta R.T. -0.04 min
Lab File: VV012597.D
Acq: 06 Sep 2019 13:42

Tgt Ion: 43 Resp: 13686
Ion Ratio Lower Upper
43 100
58 29.7 0.0 57.0





#14

Carbon disulfide

Concen: 0.144 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.01 min

Lab File: VV012597.D

Acq: 06 Sep 2019 13:42

Instrument :

MSVOA_V

ClientSampleId :

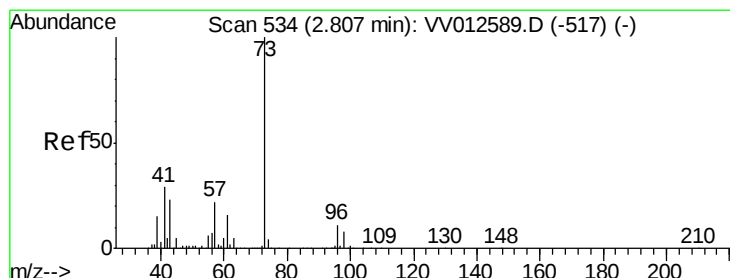
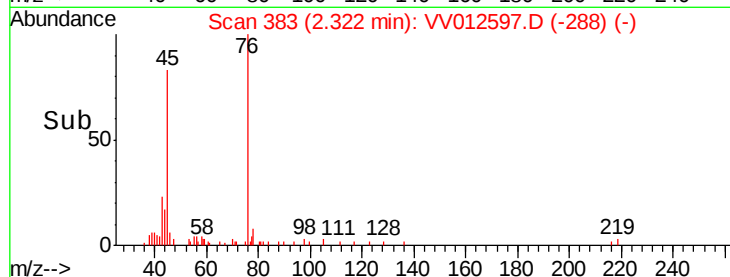
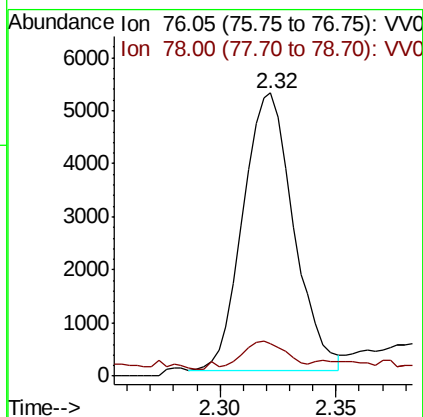
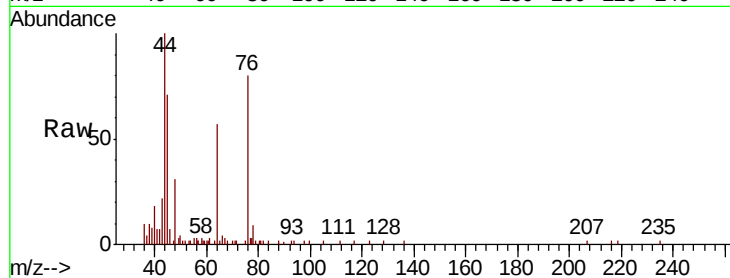
BFD83

Tgt Ion: 76 Resp: 7901

Ion Ratio Lower Upper

76 100

78 11.4 7.4 11.0#



#17

Methyl tert-butyl Ether

Concen: 0.817 ug/L

RT: 2.81 min Scan# 534

Delta R.T. 0.00 min

Lab File: VV012597.D

Acq: 06 Sep 2019 13:42

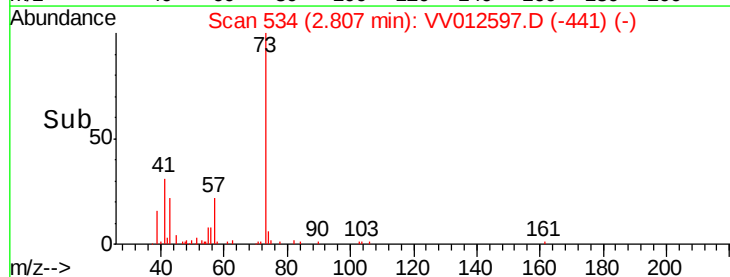
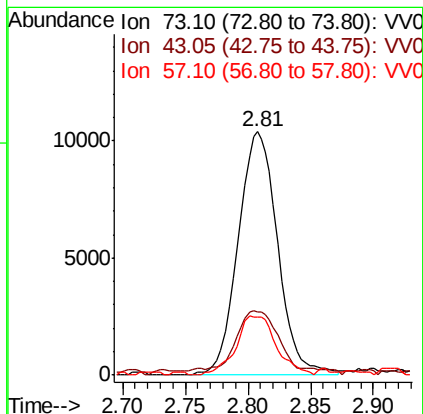
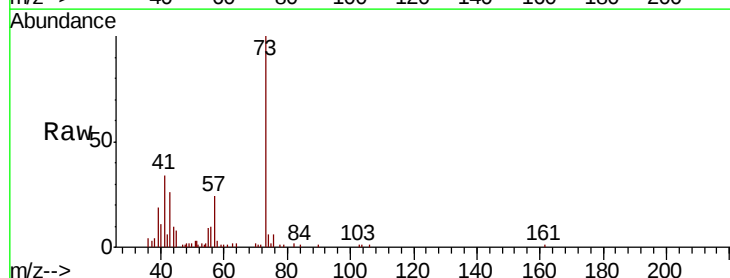
Tgt Ion: 73 Resp: 22799

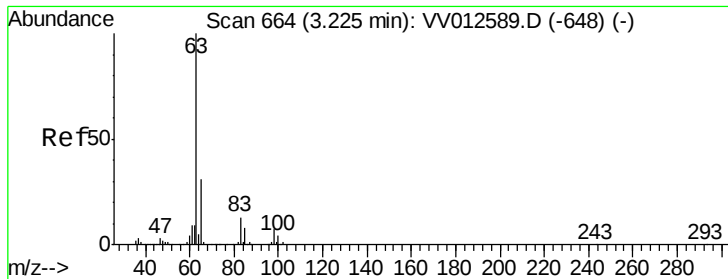
Ion Ratio Lower Upper

73 100

43 25.6 18.9 28.3

57 24.6 18.9 28.3

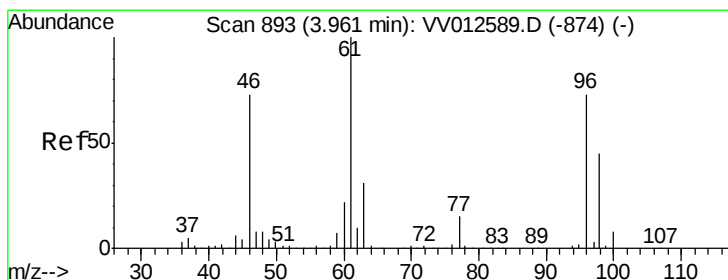
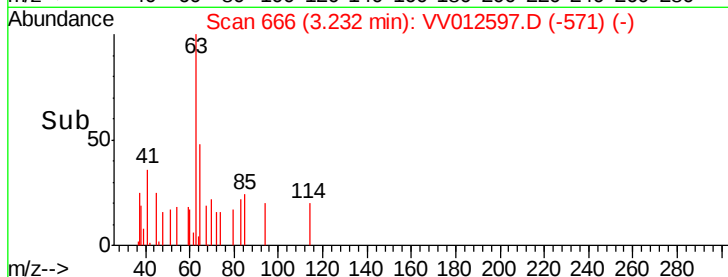
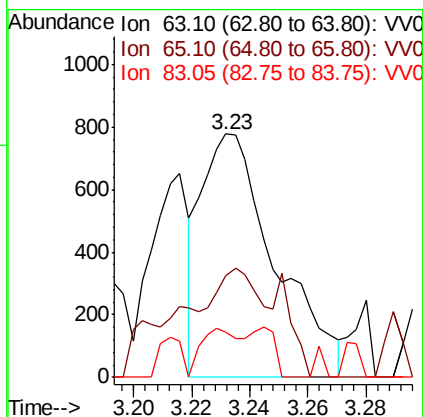
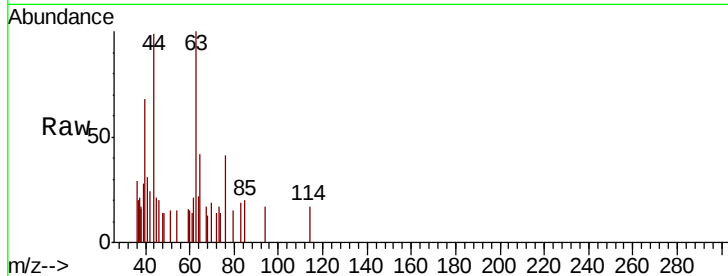




#19
 1,1-Dichloroethane
 Concen: 0.052 ug/L
 RT: 3.23 min Scan# 666
 Delta R.T. 0.01 min
 Lab File: VV012597.D
 Acq: 06 Sep 2019 13:42

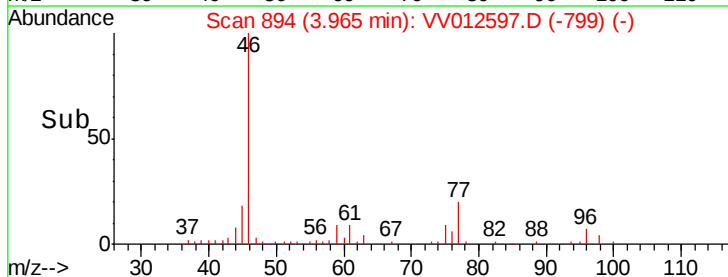
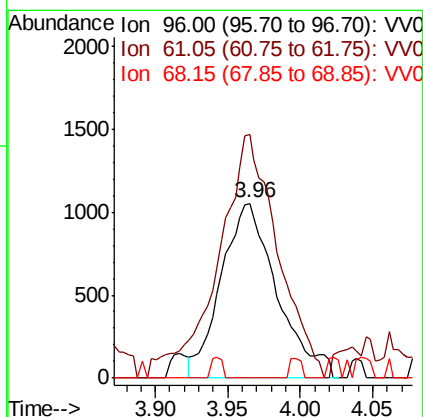
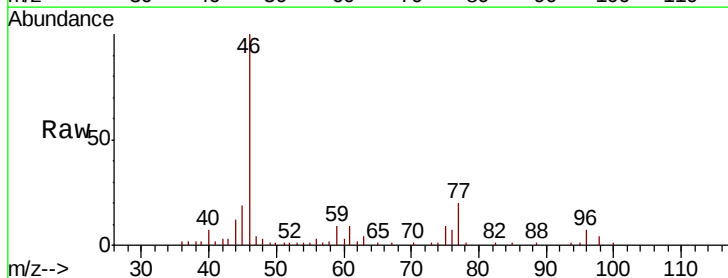
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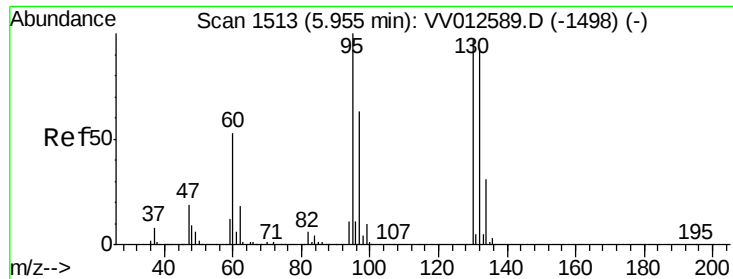
Tgt Ion: 63 Resp: 1372
 Ion Ratio Lower Upper
 63 100
 65 41.6 20.9 38.9#
 83 18.8 8.8 16.3#



#22
 cis-1,2-Dichloroethene
 Concen: 0.207 ug/L
 RT: 3.96 min Scan# 894
 Delta R.T. 0.01 min
 Lab File: VV012597.D
 Acq: 06 Sep 2019 13:42

Tgt Ion: 96 Resp: 2812
 Ion Ratio Lower Upper
 96 100
 61 139.1 93.9 174.5
 68 0.0 0.0 0.0

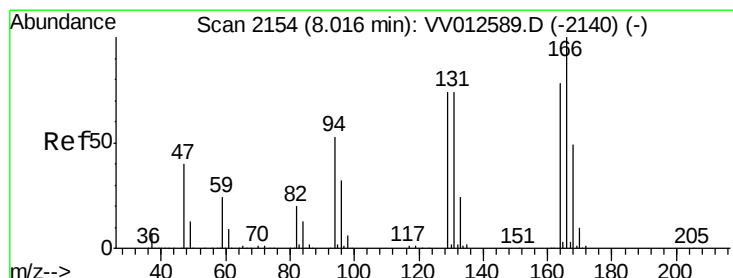
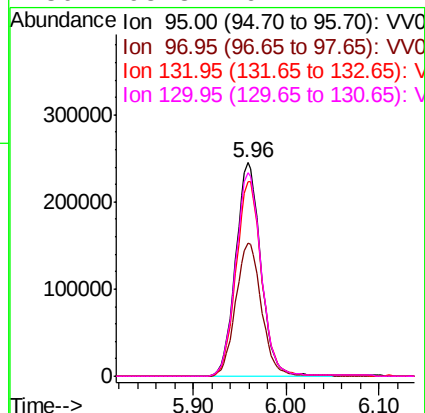
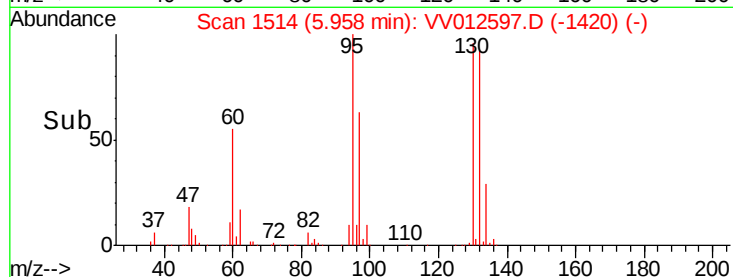
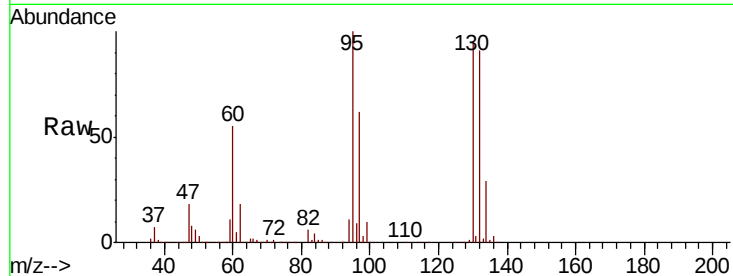




#34
 Trichloroethene
 Concen: 30.016 ug/L
 RT: 5.96 min Scan# 1514
 Delta R.T. 0.00 min
 Lab File: VV012597.D
 Acq: 06 Sep 2019 13:42

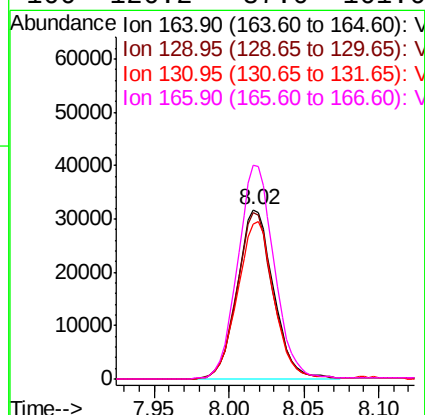
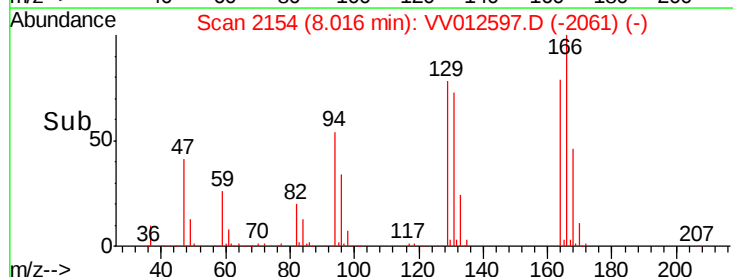
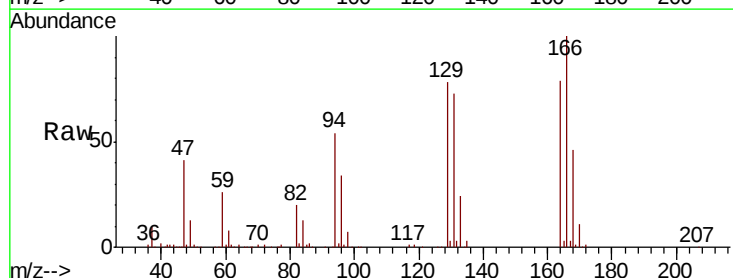
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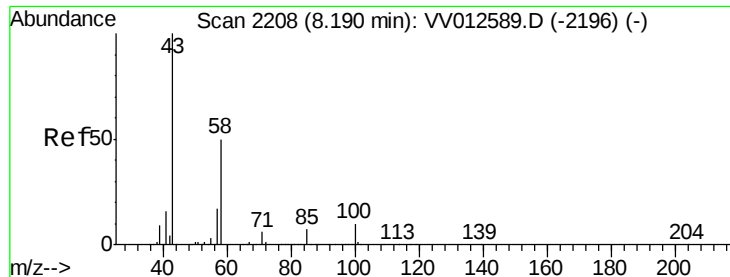
Tgt Ion:	95	Resp:	462088
Ion	Ratio	Lower	Upper
95	100		
97	62.3	43.9	81.5
132	91.1	64.8	120.4
130	95.3	67.1	124.7



#47
 Tetrachloroethene
 Concen: 4.774 ug/L
 RT: 8.02 min Scan# 2154
 Delta R.T. 0.00 min
 Lab File: VV012597.D
 Acq: 06 Sep 2019 13:42

Tgt Ion:	164	Resp:	53573
Ion	Ratio	Lower	Upper
164	100		
129	98.6	65.0	120.6
131	91.8	62.0	115.2
166	126.2	87.0	161.6

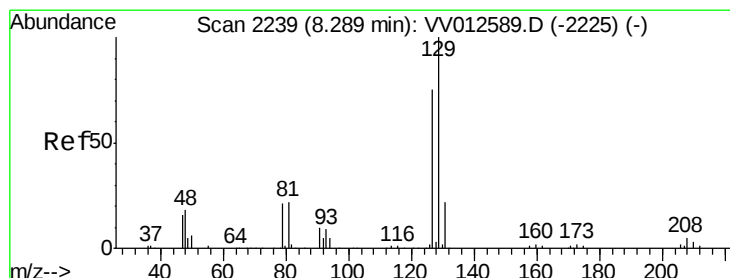
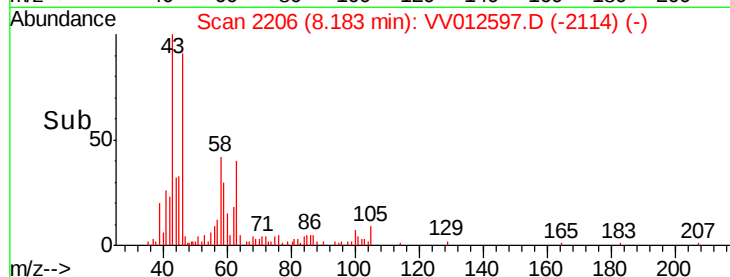
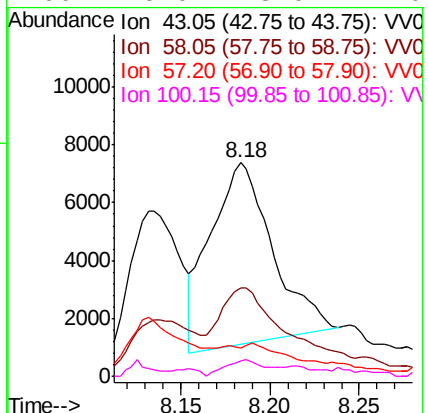
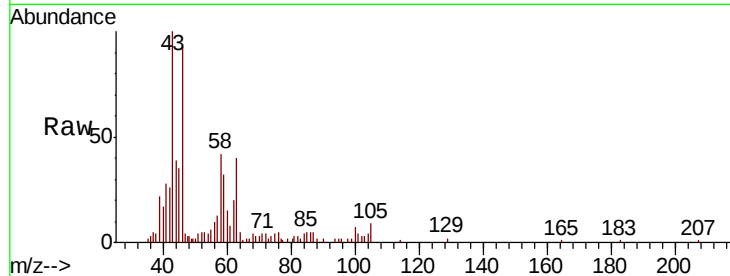




#48
2-Hexanone
Concen: 2.505 ug/L
RT: 8.18 min Scan# 2206
Delta R.T. -0.00 min
Lab File: VV012597.D
Acq: 06 Sep 2019 13:42

Instrument :
MSVOA_V
ClientSampled :
BFD83

Tgt Ion: 43 Resp: 15262
Ion Ratio Lower Upper
43 100
58 41.9 39.3 58.9
57 0.0 12.9 19.3#
100 6.0 8.0 12.0#



#49
Dibromochloromethane
Concen: 4.525 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.27 min
Lab File: VV012597.D
Acq: 06 Sep 2019 13:42

Tgt Ion: 129 Resp: 50361
Ion Ratio Lower Upper
129 100
127 0.4 53.0 98.4#

