

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090619\
 Data File : VV012596.D
 Acq On : 06 Sep 2019 13:15
 Operator : SY/MD
 Sample : K4685-13
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFD82

Quant Time: Sep 06 13:49:04 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	143744	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	147756	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	49002	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	57383	4.27	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.40%
7) Chloroethane-d5	1.58	69	60153	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.80%
11) 1,1-Dichloroethene-d2	2.13	63	97966	3.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.20%
20) 2-Butanone-d5	3.97	46	171350	65.36	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	130.72%#
24) Chloroform-d	4.40	84	108453	5.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.00%
26) 1,2-Dichloroethane-d4	5.08	65	63559	5.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	119.00%
32) Benzene-d6	5.10	84	190867	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
36) 1,2-Dichloropropane-d6	6.12	67	66346	5.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.60%
41) Toluene-d8	7.36	98	145706	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.20%
43) trans-1,3-Dichloropropene-	7.67	79	18026	4.27	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.40%
46) 2-Hexanone-d5	8.14	63	85026	52.80	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.60%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	46772	5.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	49456	6.04	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	120.80%#

Target Compounds

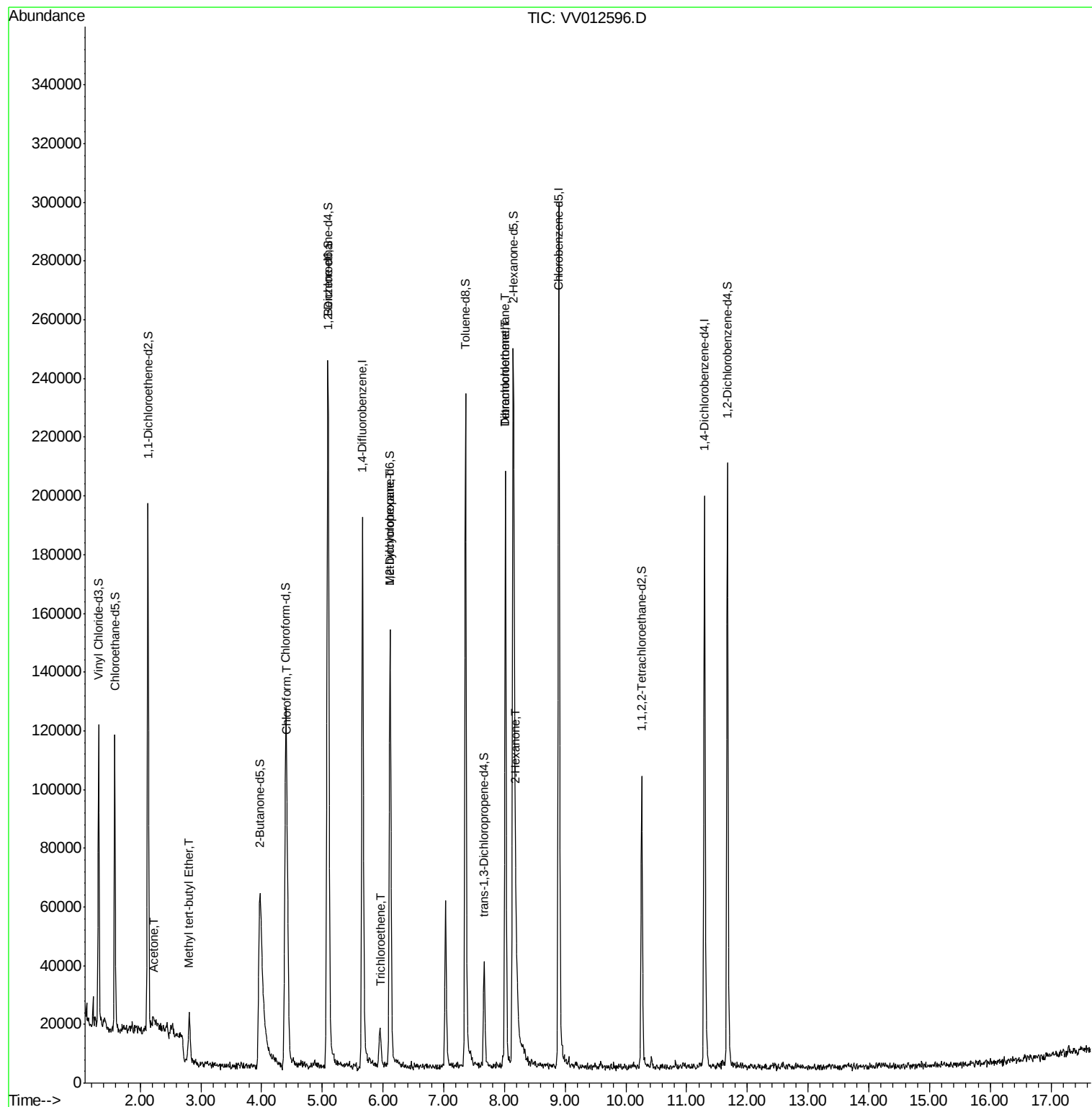
					Qvalue
13) Acetone	2.23	43	9589	3.015	ug/L 86
17) Methyl tert-butyl Ether	2.81	73	14618	0.528	ug/L # 95
25) Chloroform	4.42	83	39049	1.380	ug/L 100
34) Trichloroethene	5.96	95	1608	0.108	ug/L 85
35) Methylcyclohexane	6.12	83	15808	0.710	ug/L # 16
47) Tetrachloroethene	8.02	164	41053	3.779	ug/L 97
48) 2-Hexanone	8.19	43	18450	3.128	ug/L # 87
49) Dibromochloromethane	8.02	129	38838	3.605	ug/L # 12

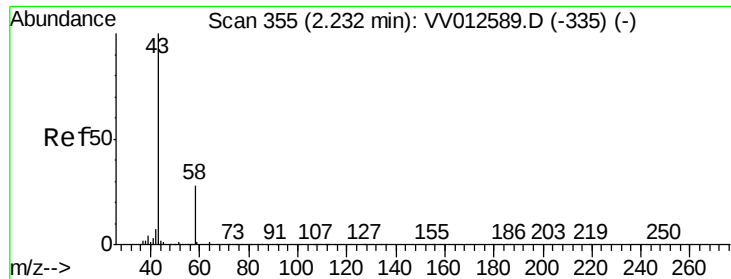
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Sep 06 11:34:24 2019
Response via : Initial Calibration





#13

Acetone

Concen: 3.015 ug/L

RT: 2.23 min Scan# 354

Delta R.T. 0.00 min

Lab File: VV012596.D

Acq: 06 Sep 2019 13:15

Instrument :

MSVOA_V

ClientSampleId :

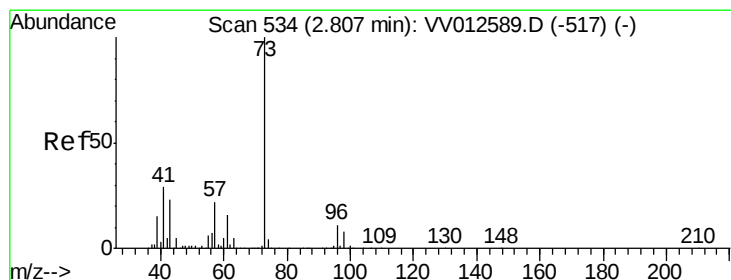
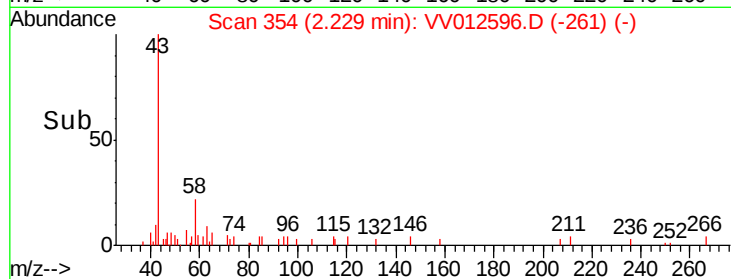
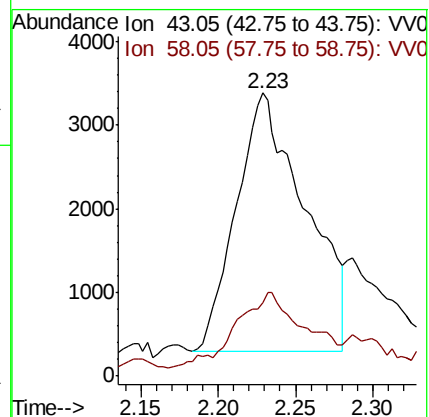
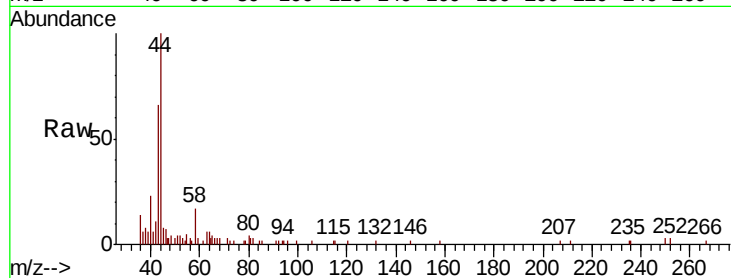
BFD82

Tgt Ion: 43 Resp: 9589

Ion Ratio Lower Upper

43 100

58 35.8 0.0 57.0



#17

Methyl tert-butyl Ether

Concen: 0.528 ug/L

RT: 2.81 min Scan# 534

Delta R.T. 0.00 min

Lab File: VV012596.D

Acq: 06 Sep 2019 13:15

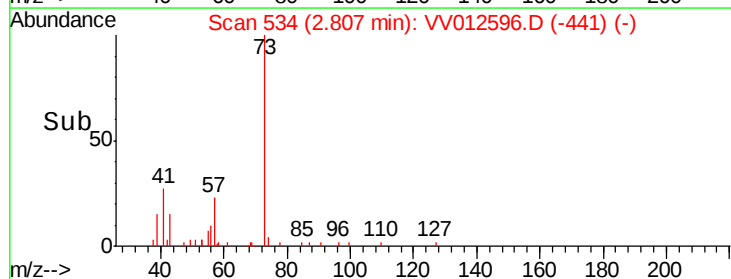
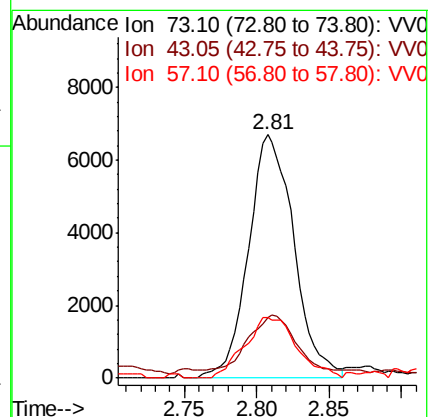
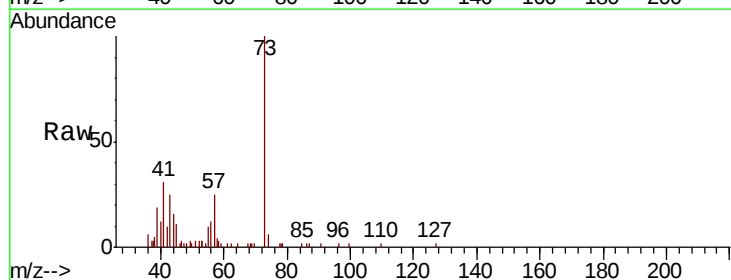
Tgt Ion: 73 Resp: 14618

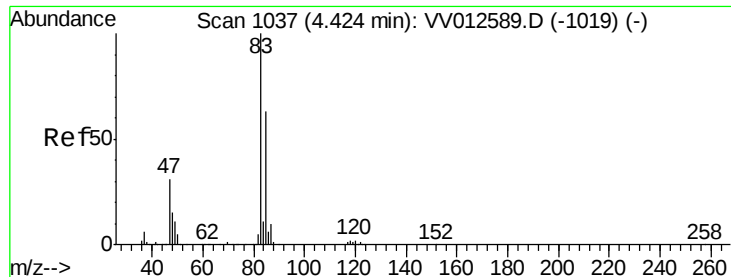
Ion Ratio Lower Upper

73 100

43 23.6 18.9 28.3

57 28.6 18.9 28.3#





#25

Chloroform

Concen: 1.380 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VV012596.D

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Instrument :

MSVOA_V

ClientSampleId :

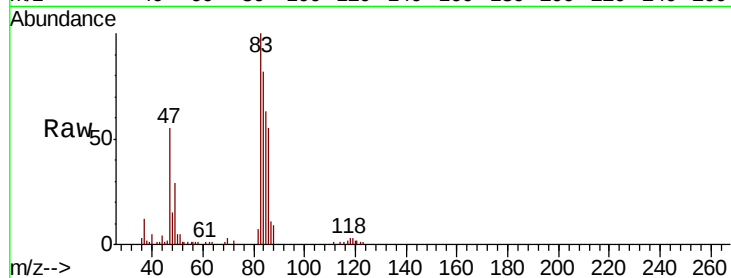
BFD82

Tgt Ion: 83 Resp: 39049

Ion Ratio Lower Upper

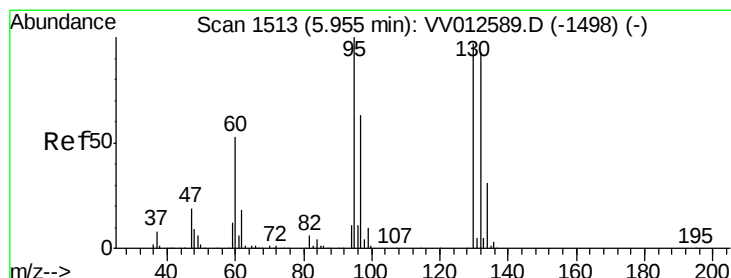
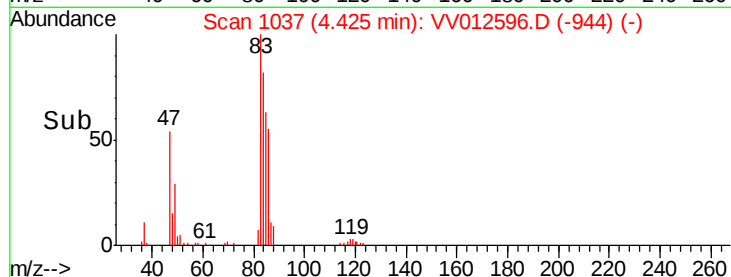
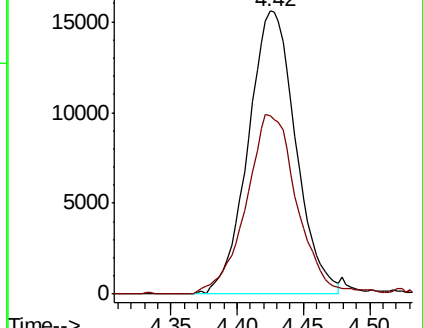
83 100

85 63.3 44.4 82.5



Abundance Ion 83.05 (82.75 to 83.75): VV012589.D (-1019) (-)

Ion 85.00 (84.70 to 85.70): VV012589.D (-1019) (-)



#34

Trichloroethene

Concen: 0.108 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.01 min

Lab File: VV012596.D

Acq: 06 Sep 2019 13:15

Tgt Ion: 95 Resp: 1608

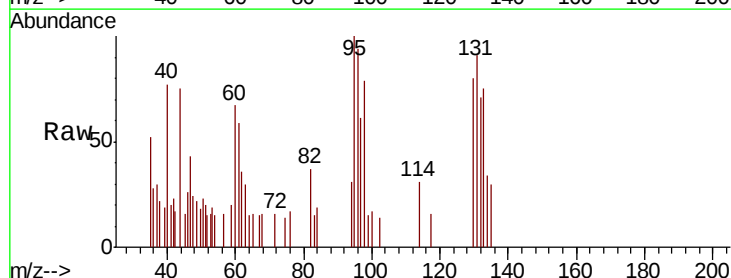
Ion Ratio Lower Upper

95 100

97 60.6 43.9 81.5

132 70.8 64.8 120.4

130 79.9 67.1 124.7

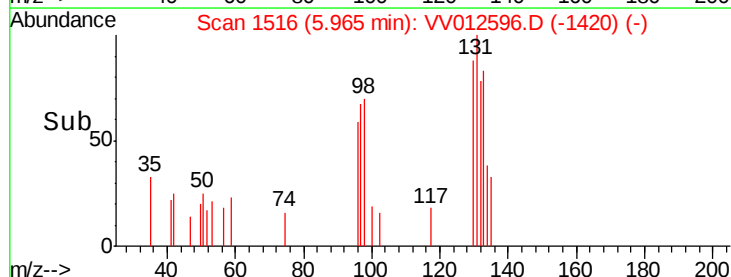
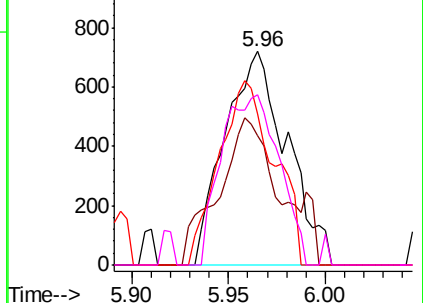


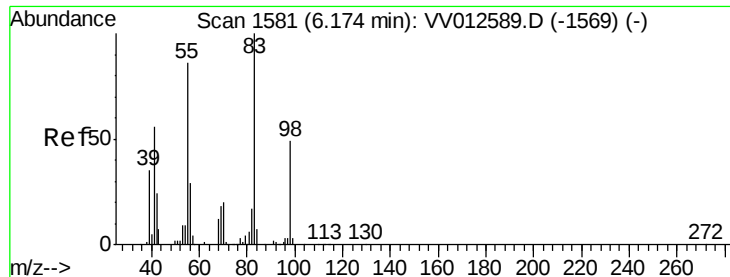
Abundance Ion 95.00 (94.70 to 95.70): VV012589.D (-1498) (-)

Ion 96.95 (96.65 to 97.65): VV012589.D (-1498) (-)

Ion 131.95 (131.65 to 132.65): VV012589.D (-1498) (-)

Ion 129.95 (129.65 to 130.65): VV012589.D (-1498) (-)

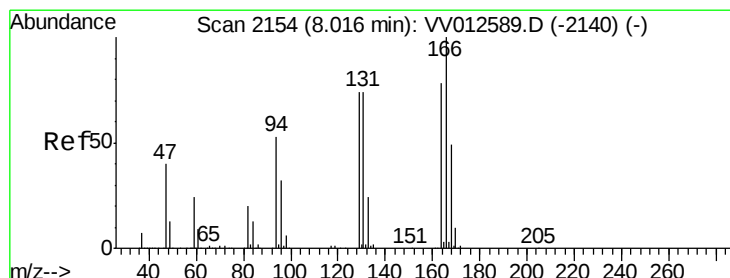
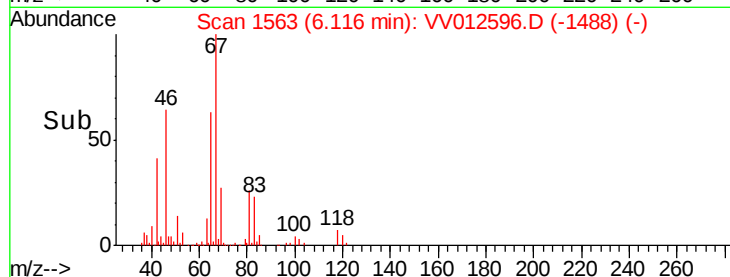
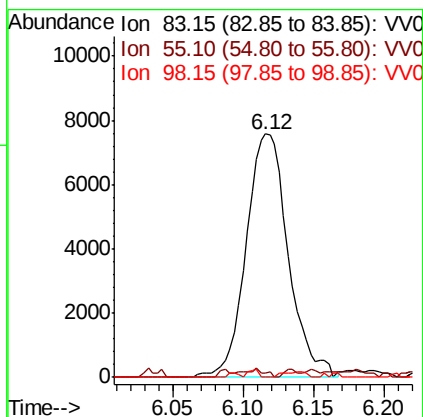
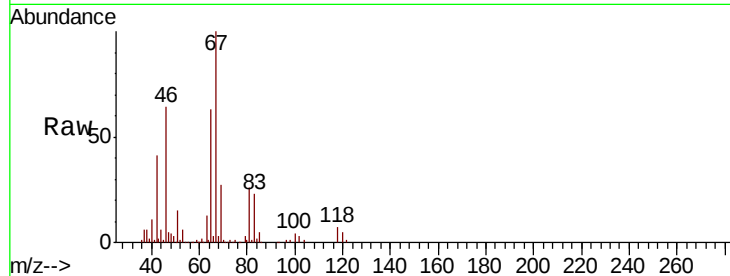




#35
Methylcyclohexane
Concen: 0.710 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV012596.D
Acq: 06 Sep 2019 13:15

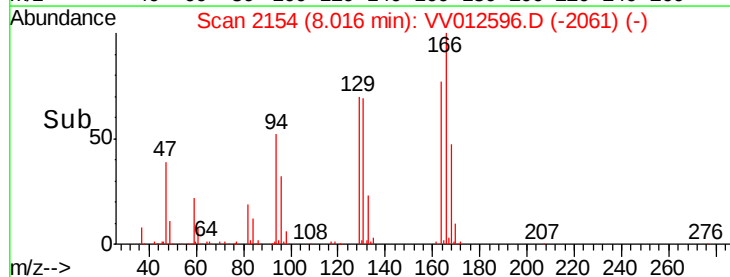
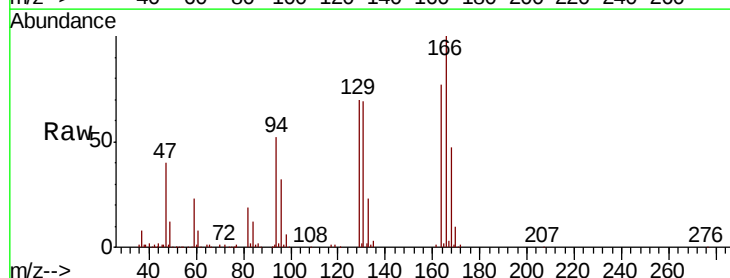
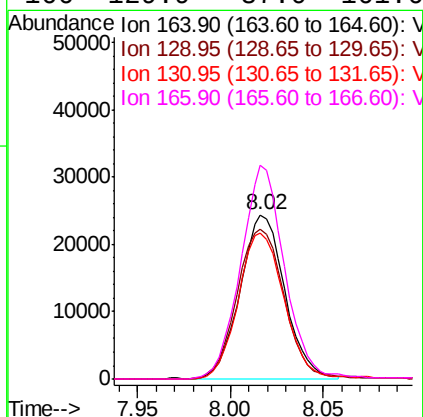
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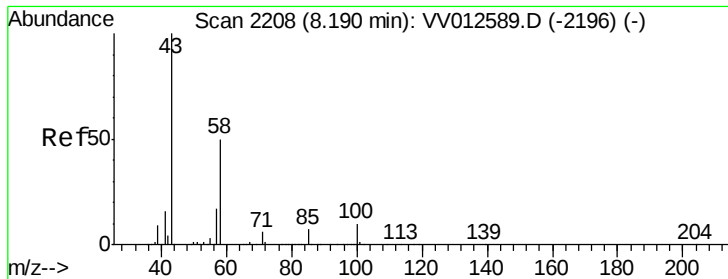
Tgt Ion: 83 Resp: 15808
Ion Ratio Lower Upper
83 100
55 1.7 69.0 103.6#
98 0.8 38.0 57.0#



#47
Tetrachloroethene
Concen: 3.779 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. 0.00 min
Lab File: VV012596.D
Acq: 06 Sep 2019 13:15

Tgt Ion: 164 Resp: 41053
Ion Ratio Lower Upper
164 100
129 90.8 65.0 120.6
131 89.0 62.0 115.2
166 129.9 87.0 161.6

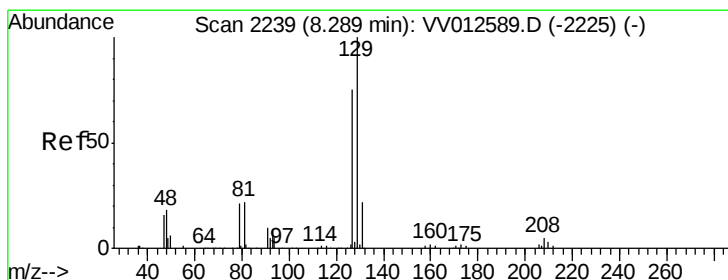
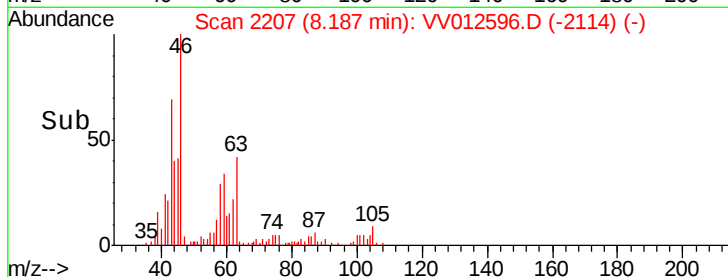
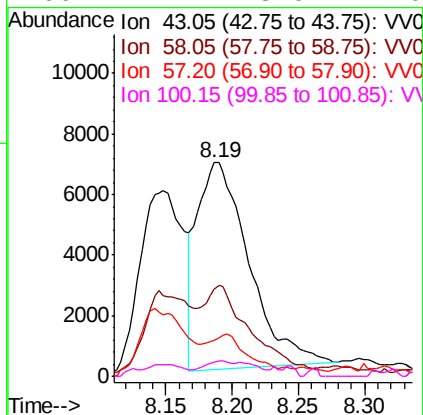
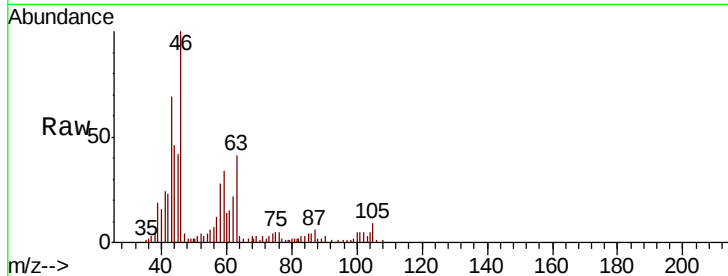




#48
2-Hexanone
Concen: 3.128 ug/L
RT: 8.19 min Scan# 2207
Delta R.T. 0.00 min
Lab File: VV012596.D
Acq: 06 Sep 2019 13:15

Instrument :
MSVOA_V
ClientSampleId :
BFD82

Tgt Ion:	43	Resp:	18450
Ion	Ratio	Lower	Upper
43	100		
58	39.3	39.3	58.9
57	13.5	12.9	19.3
100	2.2	8.0	12.0#



#49
Dibromochloromethane
Concen: 3.605 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.27 min
Lab File: VV012596.D
Acq: 06 Sep 2019 13:15

Tgt Ion:	129	Resp:	38838
Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.0	98.4#

