

Data File : VV012605.D
Acq On : 06 Sep 2019 18:41
Operator : SY/MD
Sample : K4703-02
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFD85

Quant Time: Sep 07 01:09:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090519WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Sep 07 01:06:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	119423	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	124956	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	40060	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	54501	4.88	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.60%
7) Chloroethane-d5	1.59	69	56851	5.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.40%
11) 1,1-Dichloroethene-d2	2.13	63	83973	3.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.20%
20) 2-Butanone-d5	3.96	46	160418	73.65	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	147.30%#
24) Chloroform-d	4.40	84	89316	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.20%
26) 1,2-Dichloroethane-d4	5.08	65	54526	6.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	122.80%
32) Benzene-d6	5.10	84	160341	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
36) 1,2-Dichloropropane-d6	6.12	67	54152	5.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.80%
41) Toluene-d8	7.36	98	118330	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.60%
43) trans-1,3-Dichloropropene-	7.67	79	16756	4.70	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.00%
46) 2-Hexanone-d5	8.14	63	79273	58.21	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.42%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	43716	6.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	121.80%#
64) 1,2-Dichlorobenzene-d4	11.67	152	39986	5.98	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	119.60%

Target Compounds

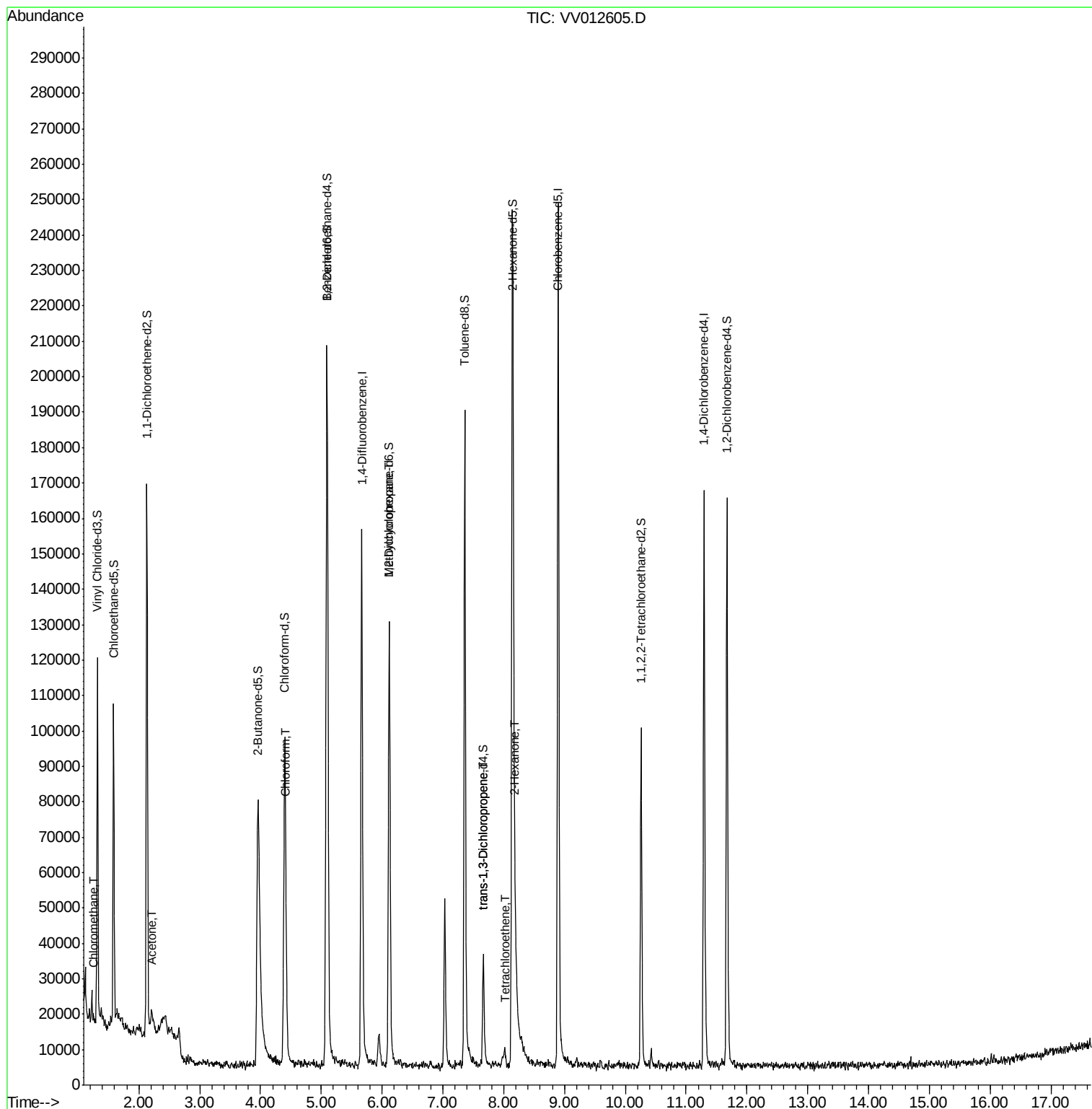
					Qvalue
3) Chloromethane	1.25	50	1262	0.074 ug/L	89
13) Acetone	2.22	43	8709	3.296 ug/L	95
25) Chloroform	4.42	83	5489	0.233 ug/L	79
35) Methylcyclohexane	6.12	83	13853	0.736 ug/L #	15
44) trans-1,3-Dichloropropene	7.67	75	985	0.082 ug/L #	61
47) Tetrachloroethene	8.02	164	1154	0.126 ug/L #	65
48) 2-Hexanone	8.19	43	16515	3.311 ug/L #	76

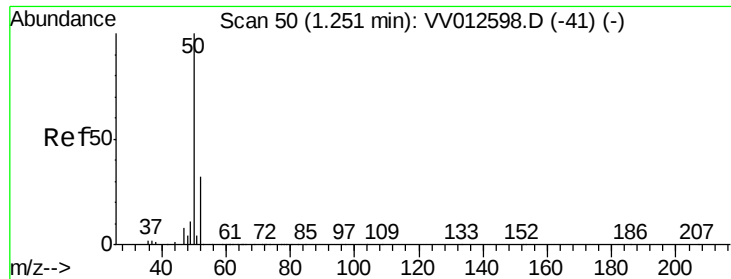
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.074 ug/L

RT: 1.25 min Scan# 51

Delta R.T. 0.00 min

Lab File: VV012605.D

Acq: 06 Sep 2019 18:41

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MSVOA_V

ClientSampleId :

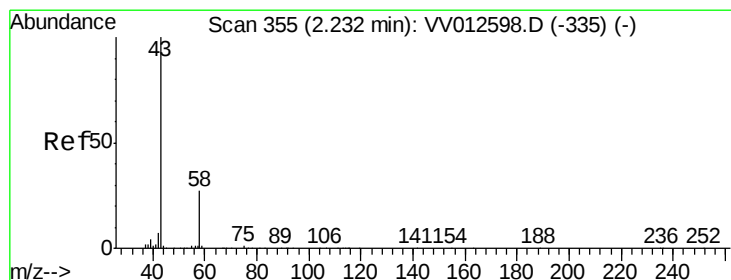
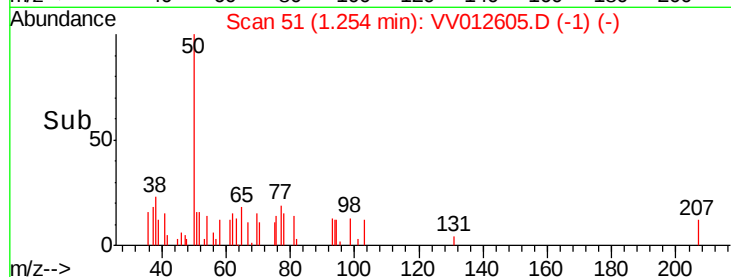
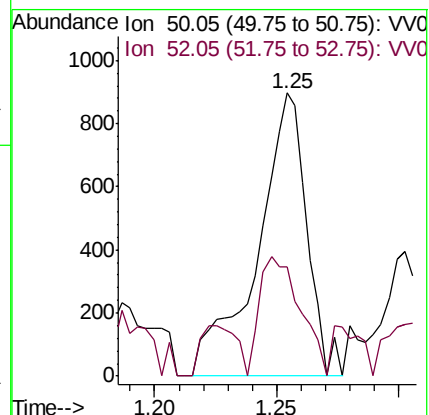
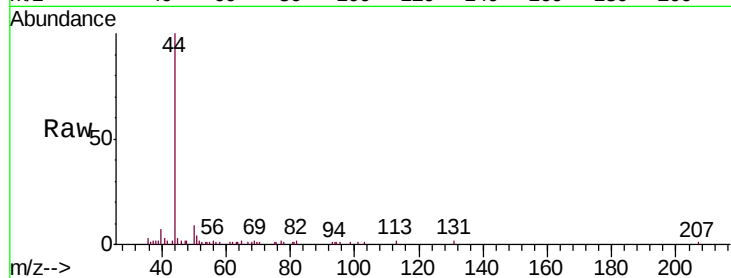
BFD85

Tgt Ion: 50 Resp: 1262

Ion Ratio Lower Upper

50 100

52 38.6 22.8 42.4



#13

Acetone

Concen: 3.296 ug/L

RT: 2.22 min Scan# 351

Delta R.T. -0.01 min

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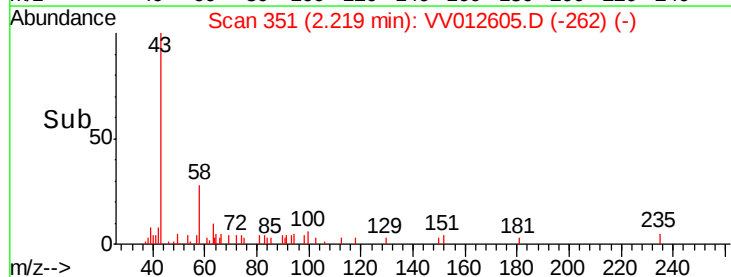
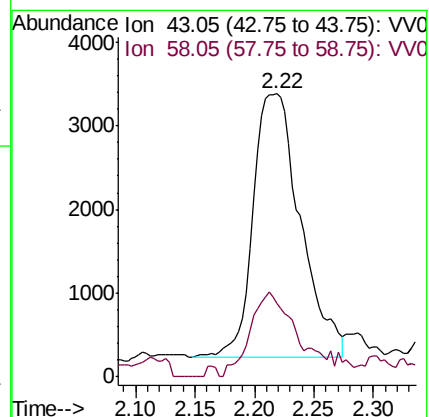
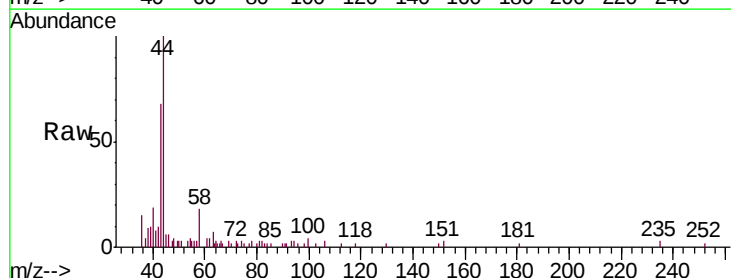
Acq: 06 Sep 2019 18:41

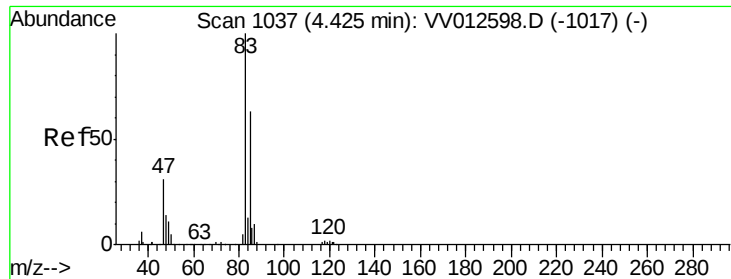
Tgt Ion: 43 Resp: 8709

Ion Ratio Lower Upper

43 100

58 31.2 0.0 57.0

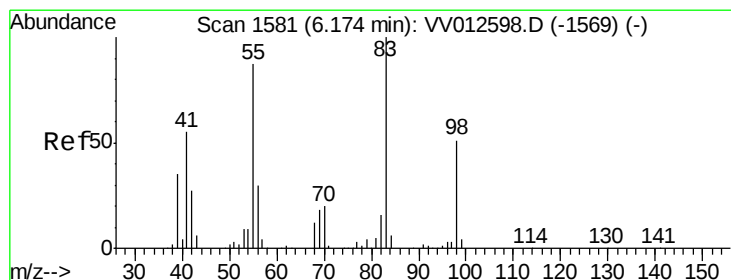
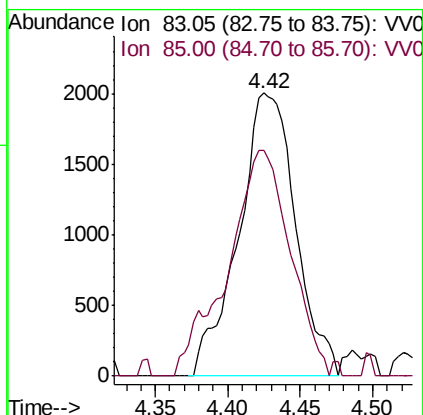
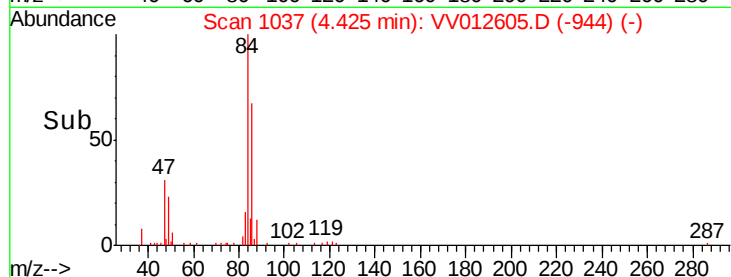
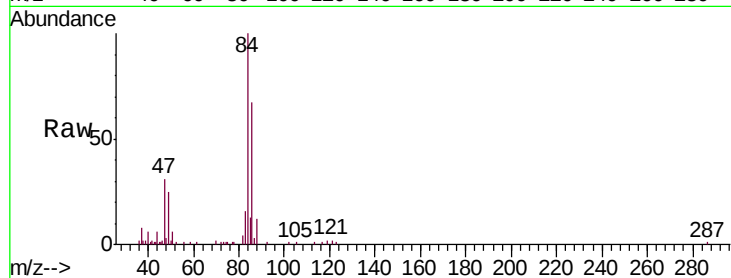




#25
Chloroform
Concen: 0.233 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VV012605.D
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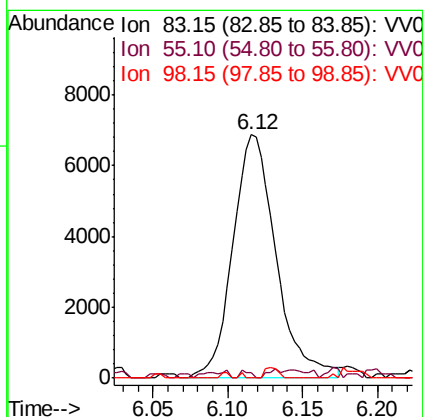
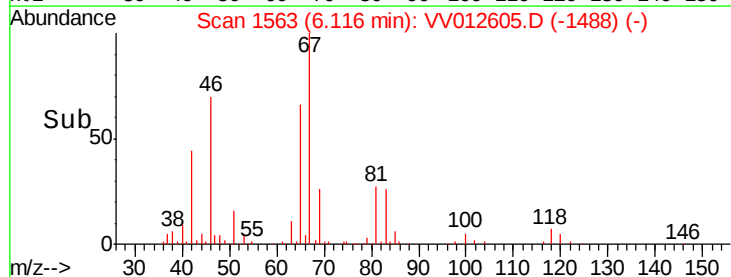
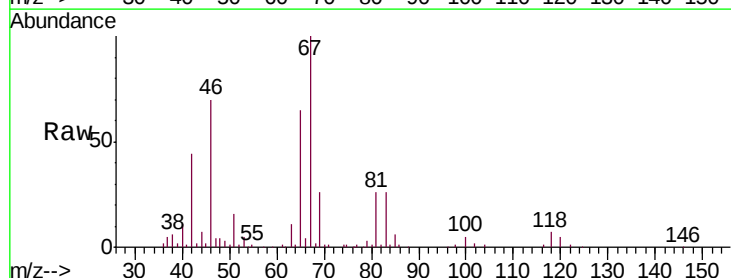
Instrument :
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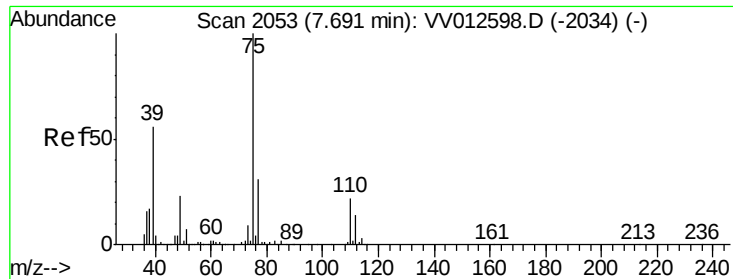
Tgt Ion: 83 Resp: 5489
Ion Ratio Lower Upper
83 100
85 80.0 44.4 82.5



#35
Methylcyclohexane
Concen: 0.736 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV012605.D
Acq: 06 Sep 2019 18:41

Tgt Ion: 83 Resp: 13853
Ion Ratio Lower Upper
83 100
55 0.8 69.0 103.6#
98 0.4 38.0 57.0#





#44

trans-1,3-Dichloropropene

Concen: 0.082 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV012605.D

Acq: 06 Sep 2019 18:41

Instrument :

MSVOA_V

ClientSampleId :

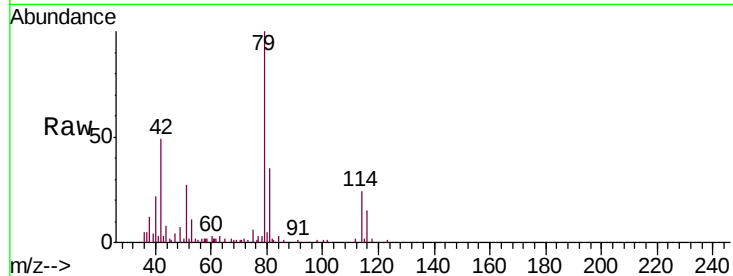
BFD85

Tgt Ion: 75 Resp: 985

Ion Ratio Lower Upper

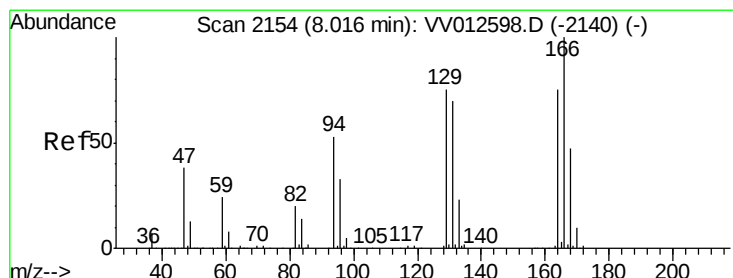
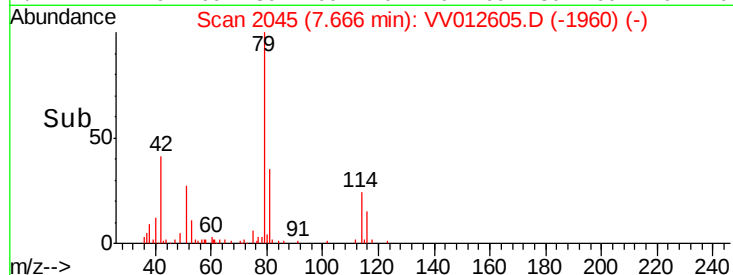
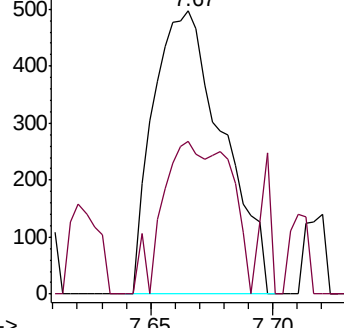
75 100

77 53.7 22.5 41.7#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#47

Tetrachloroethene

Concen: 0.126 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

Lab File: VV012605.D

Acq: 06 Sep 2019 18:41

Tgt Ion: 164 Resp: 1154

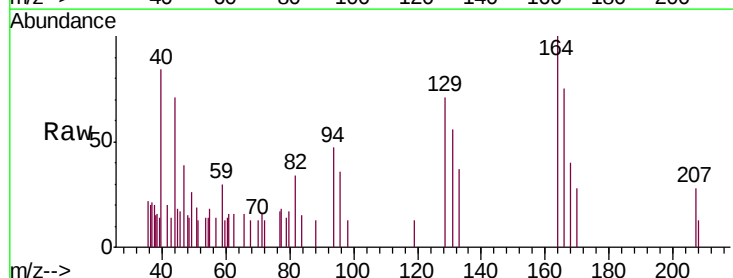
Ion Ratio Lower Upper

164 100

129 71.3 65.0 120.6

131 56.3 62.0 115.2#

166 74.9 87.0 161.6#

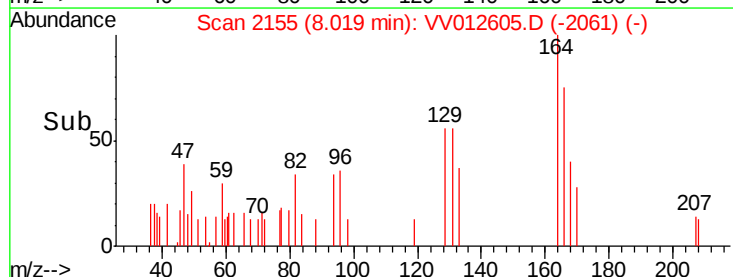
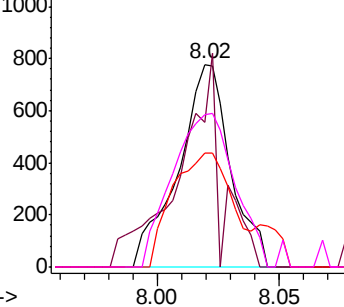


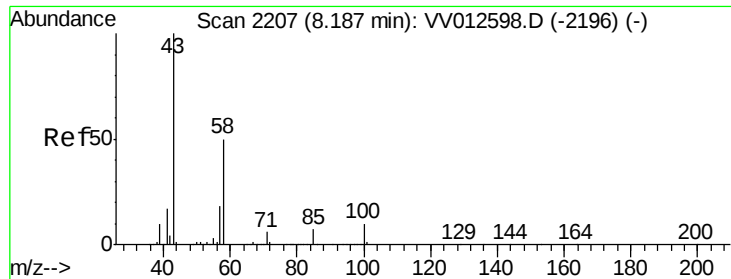
Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V





#48
 2-Hexanone
 Concen: 3.311 ug/L
 RT: 8.19 min Scan# 2208
 Delta R.T. 0.00 min
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 Acq: 06 Sep 2019 18:41

Instrument :
 MSVOA_V
 ClientSampleId :
 BFD85

Tgt Ion: 43 Resp: 16515
 Ion Ratio Lower Upper
 43 100
 58 26.2 39.3 58.9#
 57 17.6 12.9 19.3
 100 5.8 8.0 12.0#

