

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV040619\
 Data File : VV010148.D
 Acq On : 06 Apr 2019 12:59
 Operator : SY/MD
 Sample : K2259-14
 Misc : 6.55G/10mL/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETJ34

Quant Time: Apr 07 00:52:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
 Quant Title : VOC Analysis
 QLast Update : Sun Apr 07 00:49:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	260919	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	250253	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	101310	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	51037	14.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	58.44%
7) Chloroethane-d5	1.57	69	56231	12.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	51.84%
10) 1,1-Dichloroethene-d2	2.13	63	110284	12.52	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	50.08%
20) 2-Butanone-d5	3.95	46	40815	41.06	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.12%
24) Chloroform-d	4.40	84	167089	25.42	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.68%
26) 1,2-Dichloroethane-d4	5.08	65	105144	28.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	114.36%
29) Benzene-d6	5.10	84	324692	25.02	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.08%
33) 1,2-Dichloropropane-d6	6.12	67	107312	28.02	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	112.08%
37) Toluene-d8	7.36	98	301775	24.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.52%
38) trans-1,3-Dichloropropene-	7.66	79	37983	23.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.80%
39) 2-Hexanone-d5	8.14	63	26134	34.02	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.04%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	100866	26.70	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.80%
61) 1,2-Dichlorobenzene-d4	11.67	152	112945	28.62	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	114.48%

Target Compounds

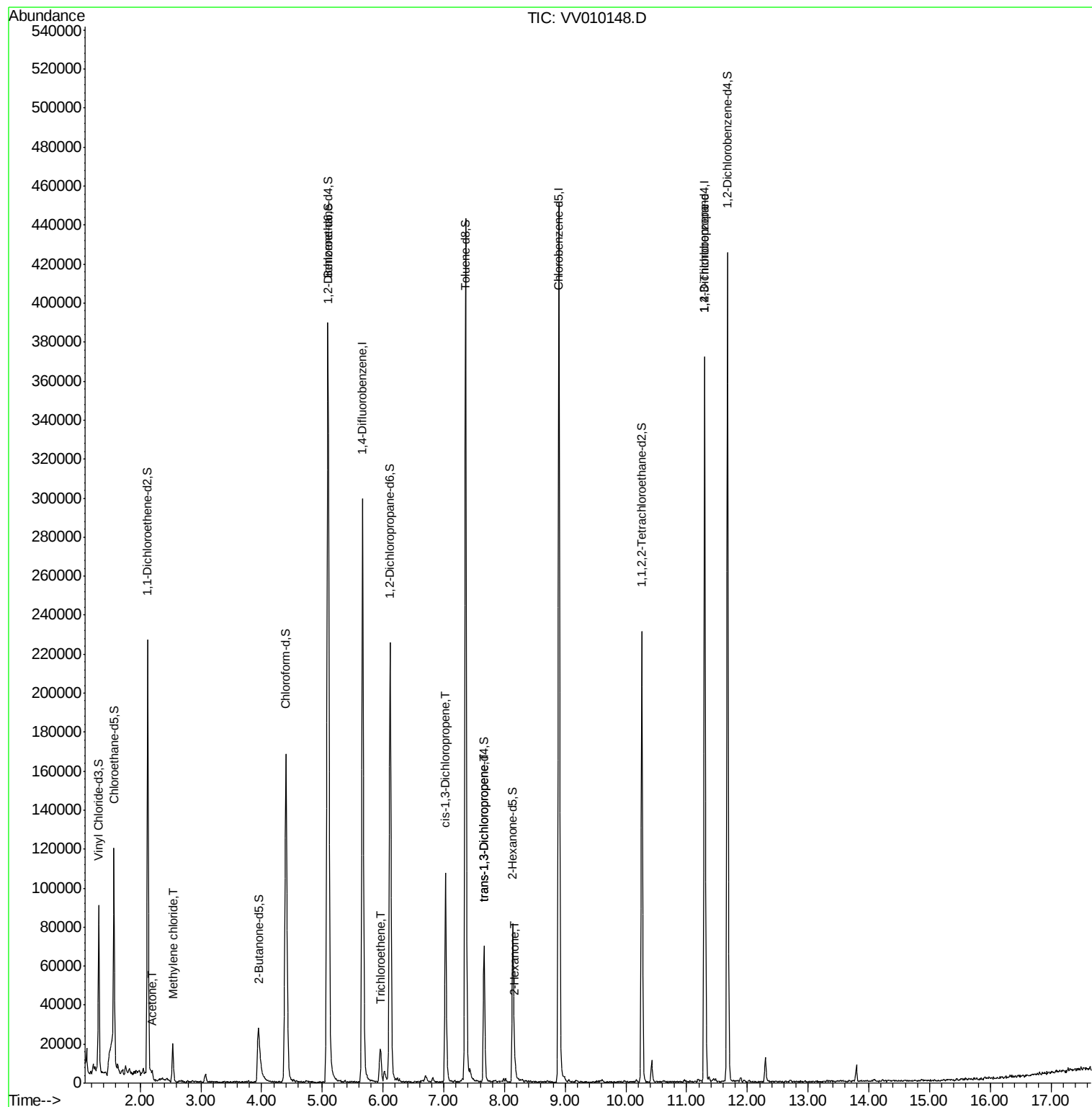
					Qvalue
13) Acetone	2.20	43	3371	3.430 ug/L	73
16) Methylene chloride	2.54	84	7774	1.696 ug/L	90
35) Trichloroethene	5.96	95	3893	1.105 ug/L	92
42) cis-1,3-Dichloropropene	7.03	75	3571	0.798 ug/L	87
45) trans-1,3-Dichloropropene	7.66	75	2018	0.530 ug/L #	79
49) 2-Hexanone	8.17	43	2901	1.775 ug/L #	40
59) 1,2,3-Trichloropropane	11.30	75	11399	4.514 ug/L #	77

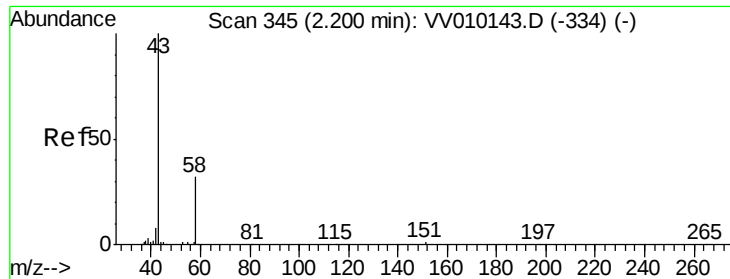
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.430 ug/L

RT: 2.20 min Scan# 345

Delta R.T. 0.00 min

Lab File: VV010148.D

Acq: 06 Apr 2019 12:59

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ClientSampleId :

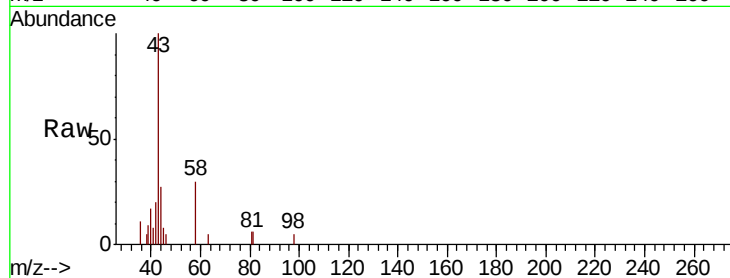
ETJ34

Tgt Ion: 43 Resp: 3371

Ion Ratio Lower Upper

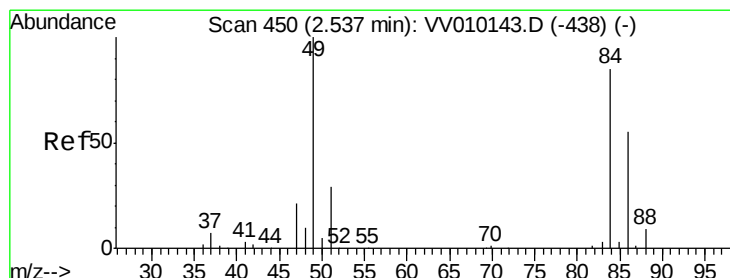
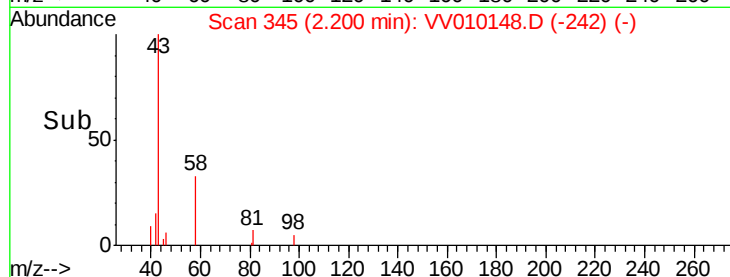
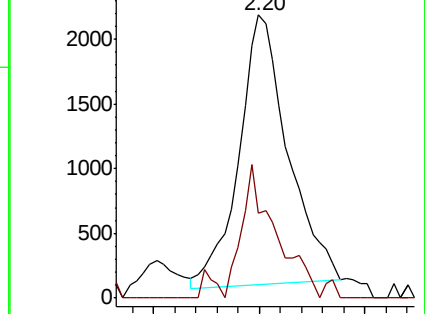
43 100

58 17.2 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VV010148.D (-242) (-)

Ion 58.00 (57.70 to 58.70): VV010148.D (-242) (-)



#16

Methylene chloride

Concen: 1.696 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

Lab File: VV010148.D

Acq: 06 Apr 2019 12:59

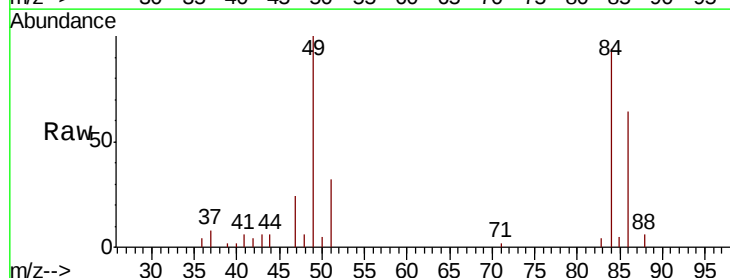
Tgt Ion: 84 Resp: 7774

Ion Ratio Lower Upper

84 100

49 106.8 84.3 156.5

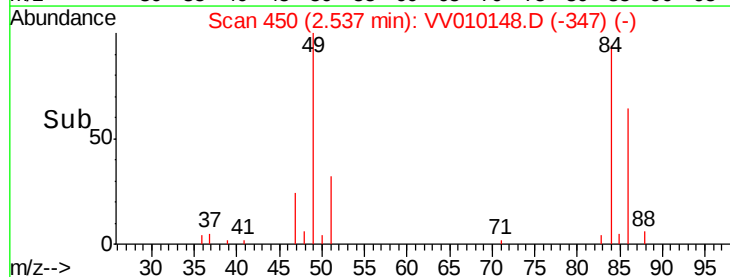
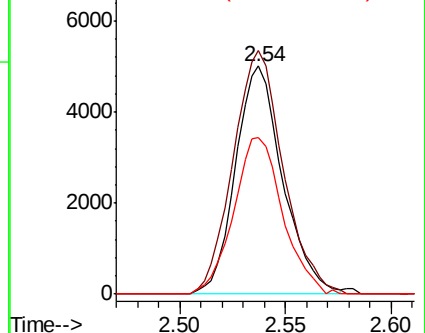
86 68.9 45.4 84.2

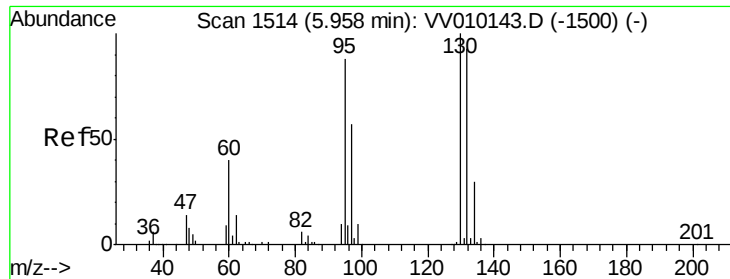


Abundance Ion 84.00 (83.70 to 84.70): VV010148.D (-347) (-)

Ion 49.00 (48.70 to 49.70): VV010148.D (-347) (-)

Ion 86.00 (85.70 to 86.70): VV010148.D (-347) (-)





#35

Trichloroethene

Concen: 1.105 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.01 min

Lab File: VV010148.D

Acq: 06 Apr 2019 12:59

Instrument :

MSVOA_V

ClientSampleId :

ETJ34

Tgt Ion: 95 Resp: 3893

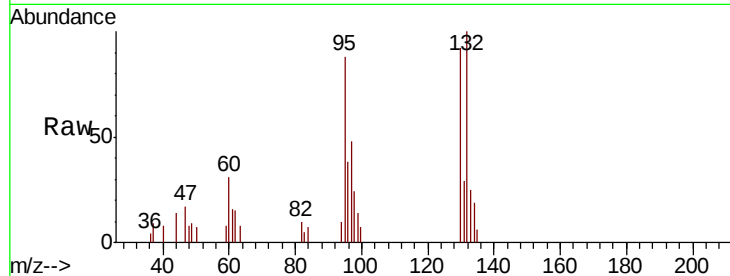
Ion Ratio Lower Upper

95 100

97 56.4 45.8 85.2

132 98.5 70.6 131.0

130 95.8 76.1 141.3

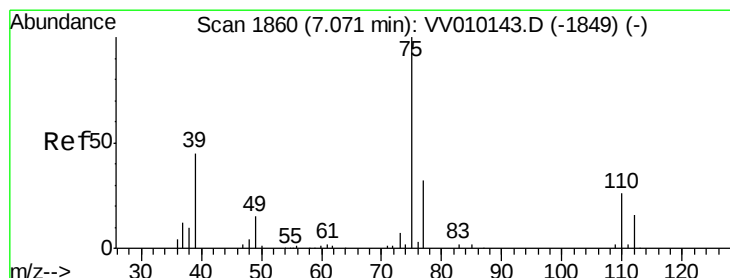
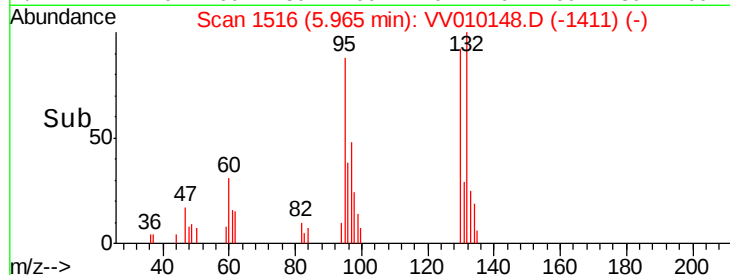
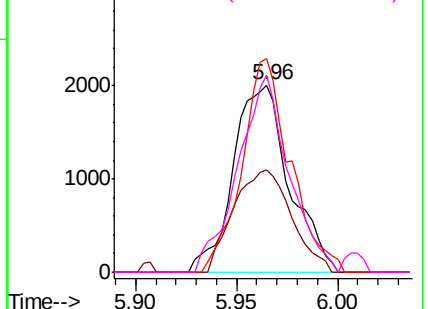


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): VV0

Ion 130.00 (129.70 to 130.70): VV0



#42

cis-1,3-Dichloropropene

Concen: 0.798 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.04 min

Lab File: VV010148.D

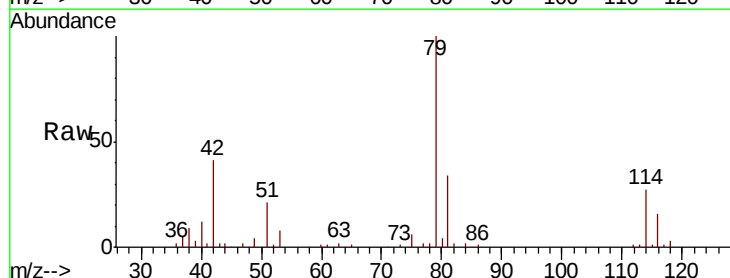
Acq: 06 Apr 2019 12:59

Tgt Ion: 75 Resp: 3571

Ion Ratio Lower Upper

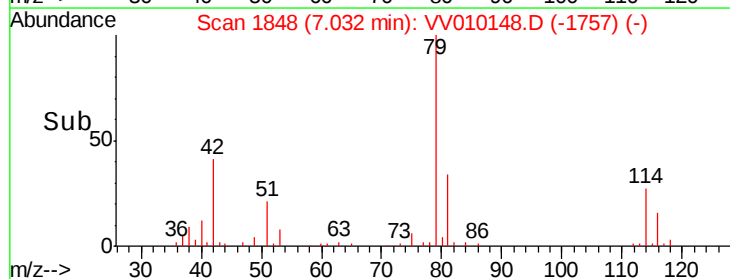
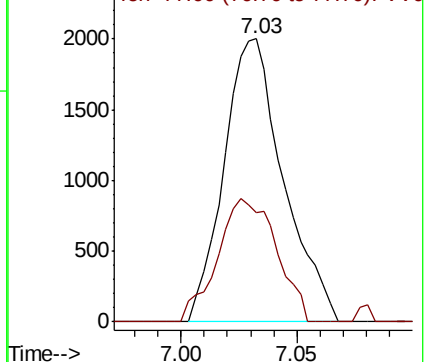
75 100

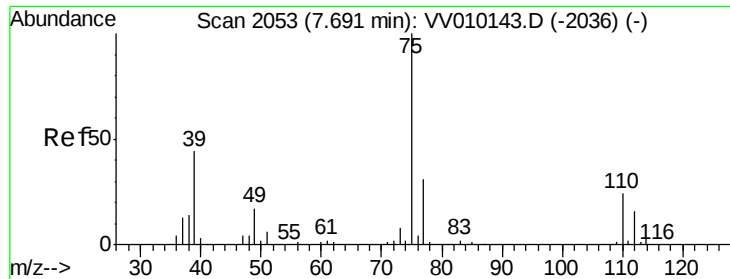
77 38.6 22.1 41.1



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

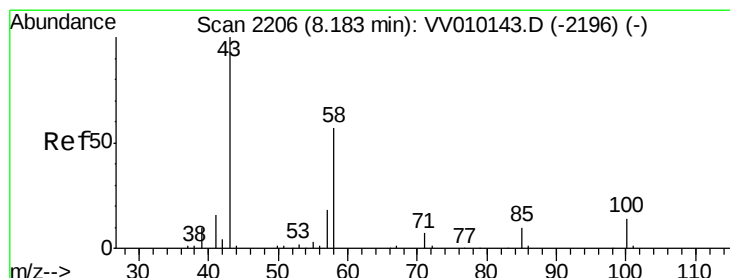
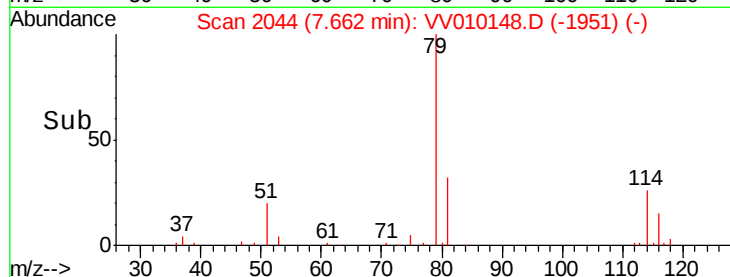
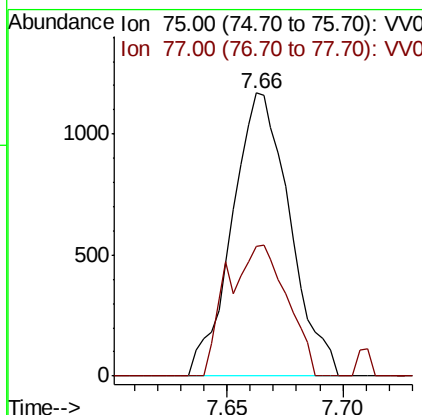
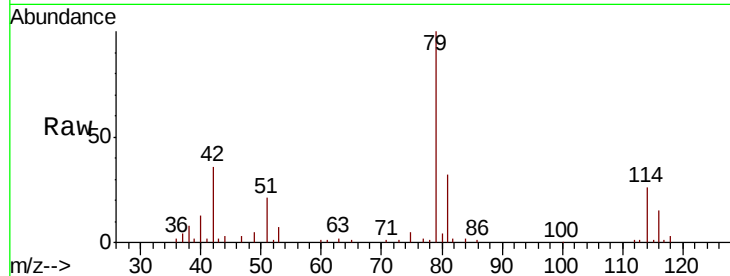




#45
trans-1,3-Dichloropropene
Concen: 0.530 ug/L
RT: 7.66 min Scan# 2044
Delta R.T. -0.03 min
Lab File: VV010148.D
Acq: 06 Apr 2019 12:59

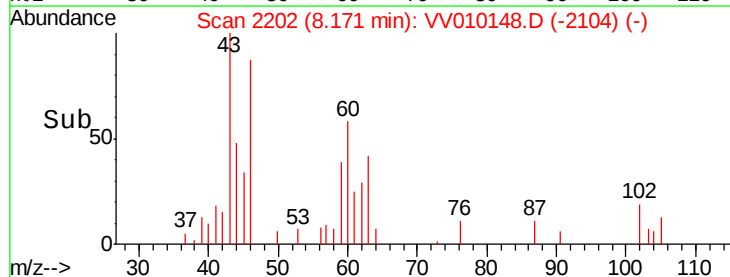
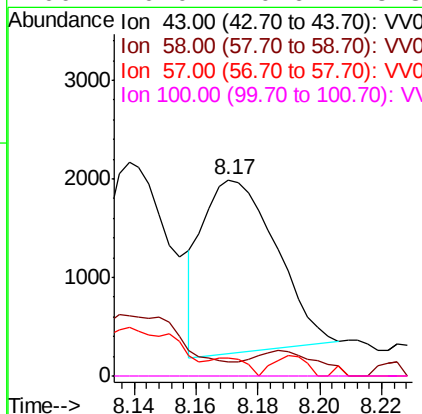
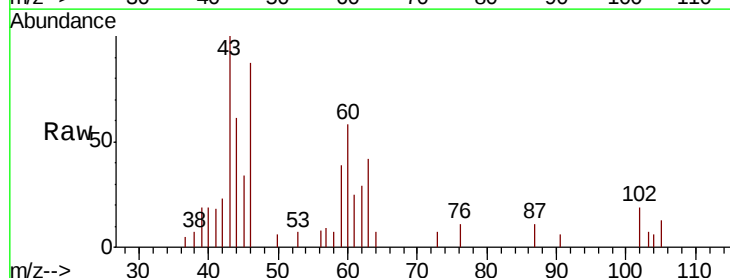
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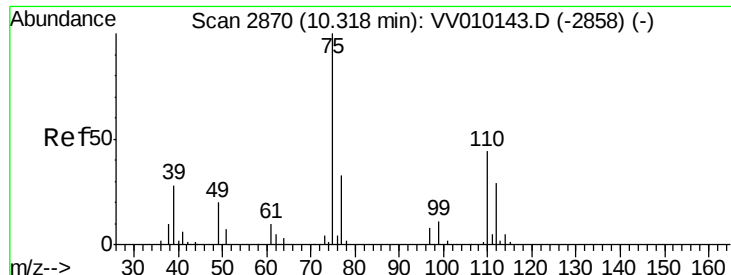
Tgt Ion: 75 Resp: 2018
Ion Ratio Lower Upper
75 100
77 45.8 23.5 43.7#



#49
2-Hexanone
Concen: 1.775 ug/L
RT: 8.17 min Scan# 2202
Delta R.T. -0.02 min
Lab File: VV010148.D
Acq: 06 Apr 2019 12:59

Tgt Ion: 43 Resp: 2901
Ion Ratio Lower Upper
43 100
58 0.0 44.3 66.5#
57 5.4 13.8 20.8#
100 0.0 10.6 15.8#





#59
 1,2,3-Trichloropropane
 Concen: 4.514 ug/L
 RT: 11.30 min Scan# 3175
 Delta R.T. 0.98 min
 Lab File: VV010148.D
 Acq: 06 Apr 2019 12:59

Instrument :
 MSVOA_V
 ClientSampleId :
 ETJ34

Tgt Ion: 75 Resp: 11399
 Ion Ratio Lower Upper
 75 100
 77 44.9 25.8 38.8#

