

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV040619\
 Data File : VV010154.D
 Acq On : 06 Apr 2019 15:36
 Operator : SY/MD
 Sample : K2259-20
 Misc : 5.77G/10mL/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETJ37

Quant Time: Apr 07 00:53:35 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	236926	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	236459	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	94374	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	38636	12.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	48.72%
7) Chloroethane-d5	1.57	69	49398	12.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	50.16%
10) 1,1-Dichloroethene-d2	2.13	63	93843	11.73	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	46.92%
20) 2-Butanone-d5	3.94	46	45737	50.67	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.34%
24) Chloroform-d	4.40	84	146347	24.52	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.08%
26) 1,2-Dichloroethane-d4	5.08	65	96259	28.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	115.28%
29) Benzene-d6	5.10	84	284802	23.23	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.92%
33) 1,2-Dichloropropane-d6	6.12	67	95926	26.51	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.04%
37) Toluene-d8	7.36	98	256188	21.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.72%
38) trans-1,3-Dichloropropene-	7.66	79	33285	21.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.08%
39) 2-Hexanone-d5	8.14	63	30379	41.86	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.72%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	87314	24.46	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.84%
61) 1,2-Dichlorobenzene-d4	11.67	152	92914	25.27	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.08%

Target Compounds

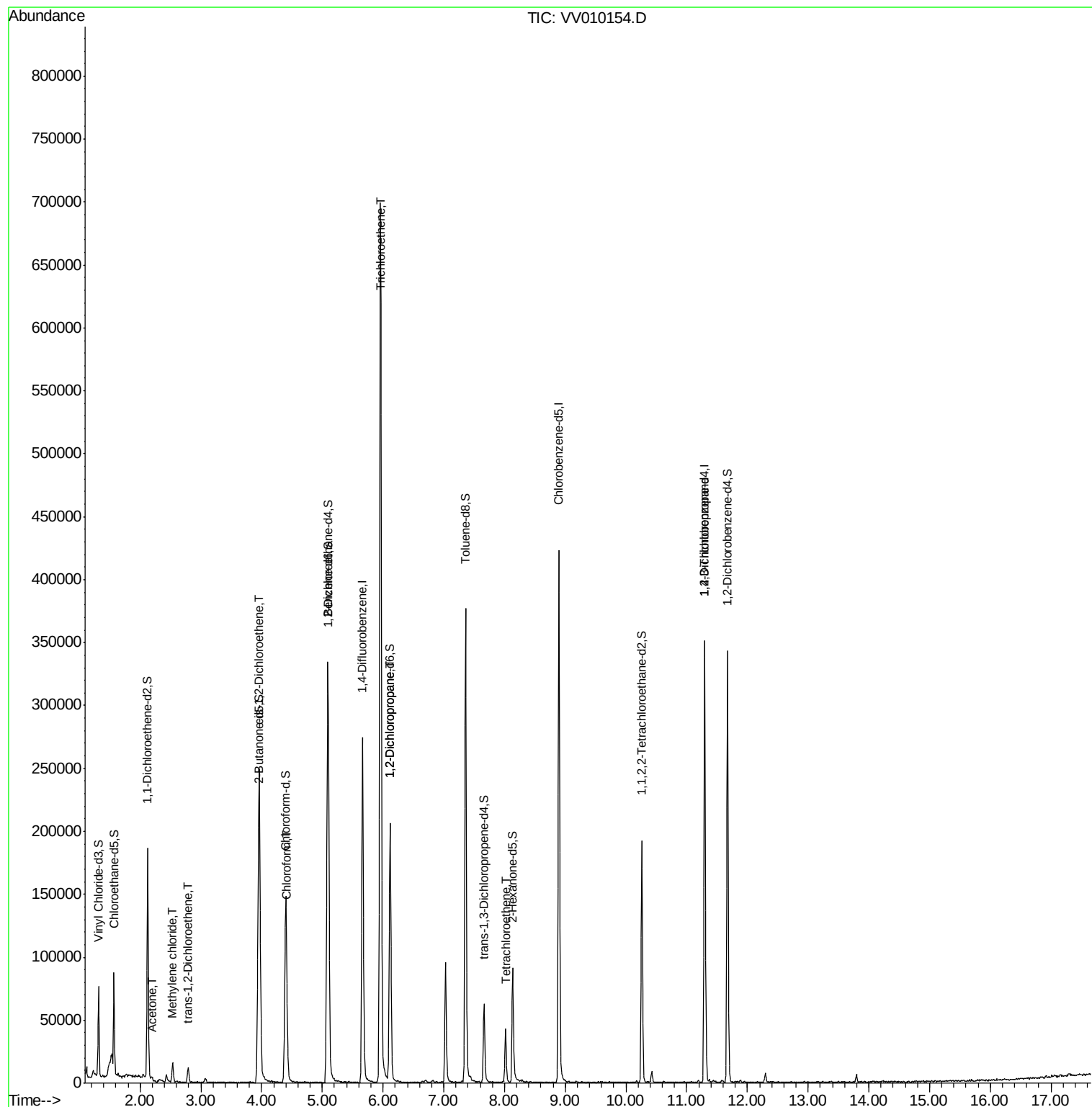
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acetone	2.20	43	2734	3.064	ug/L	89
16) Methylene chloride	2.54	84	6706	1.611	ug/L	89
18) trans-1,2-Dichloroethene	2.79	96	4234	1.496	ug/L	83
22) cis-1,2-Dichloroethene	3.96	96	135555	43.149	ug/L	96
25) Chloroform	4.42	83	4667	0.866	ug/L	80
35) Trichloroethene	5.96	95	227576	68.377	ug/L	98
40) 1,2-Dichloropropane	6.12	63	10882	3.725	ug/L #	88
47) Tetrachloroethene	8.02	164	8735	3.135	ug/L	91
59) 1,2,3-Trichloropropane	11.30	75	11829	4.958	ug/L	92

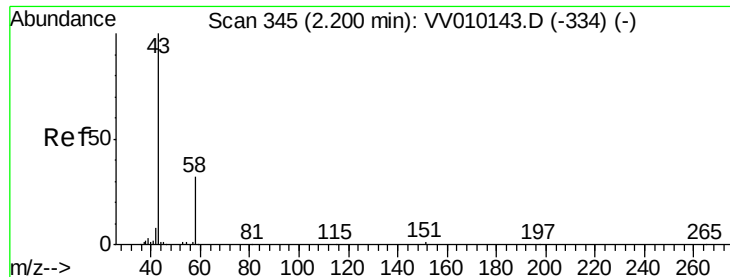
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sun Apr 07 00:49:32 2019
Response via : Initial Calibration





#13

Acetone

Concen: 3.064 ug/L

RT: 2.20 min Scan# 344

Delta R.T. -0.00 min

Lab File: VV010154.D

Acq: 06 Apr 2019 15:36

Instrument :

MSVOA_V

ClientSampleId :

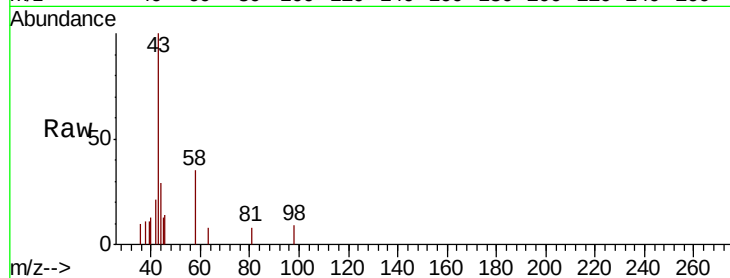
ETJ37

Tgt Ion: 43 Resp: 2734

Ion Ratio Lower Upper

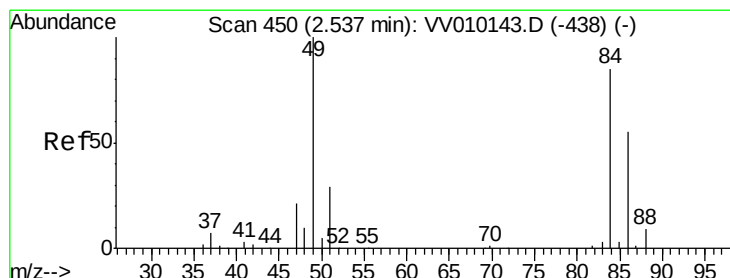
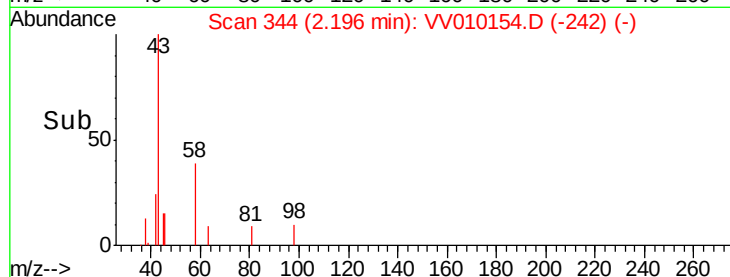
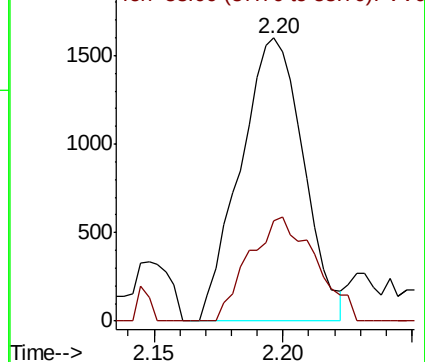
43 100

58 38.5 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#16

Methylene chloride

Concen: 1.611 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

Lab File: VV010154.D

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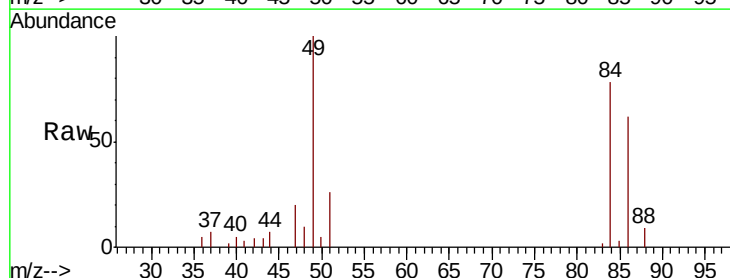
Tgt Ion: 84 Resp: 6706

Ion Ratio Lower Upper

84 100

49 127.9 84.3 156.5

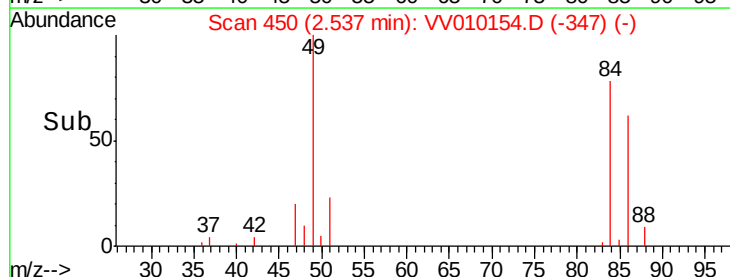
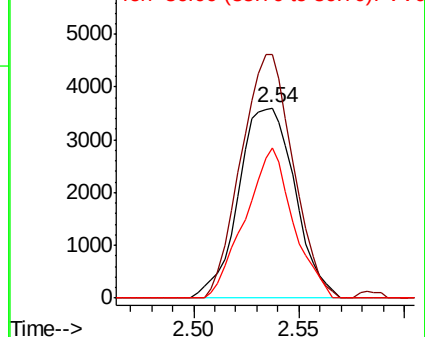
86 78.8 45.4 84.2

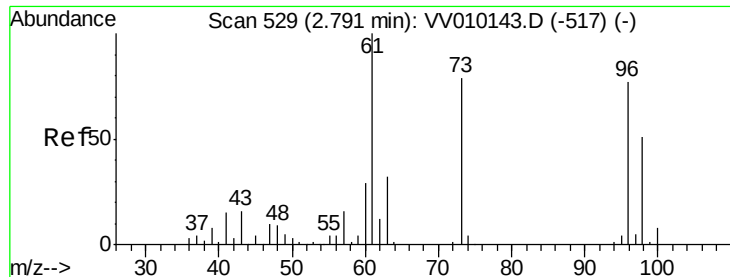


Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 49.00 (48.70 to 49.70): VV0

Ion 86.00 (85.70 to 86.70): VV0

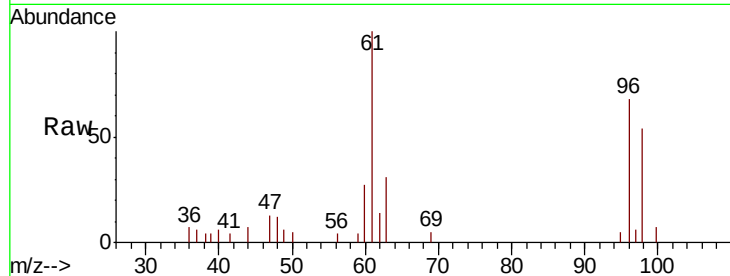




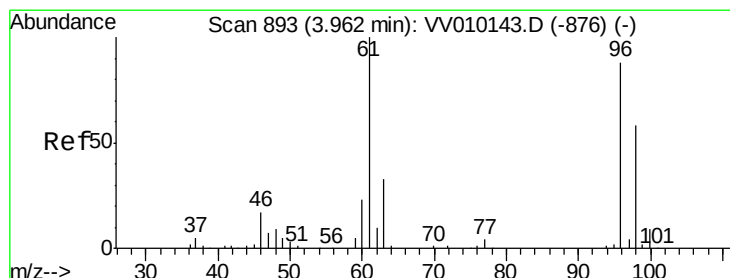
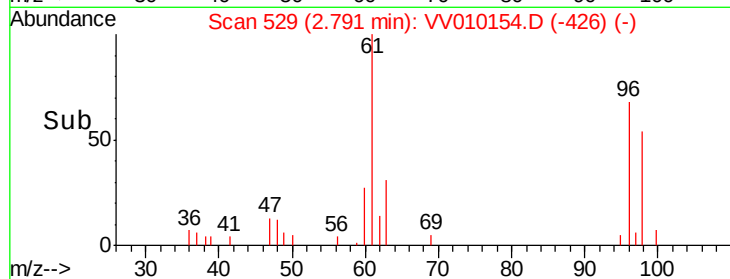
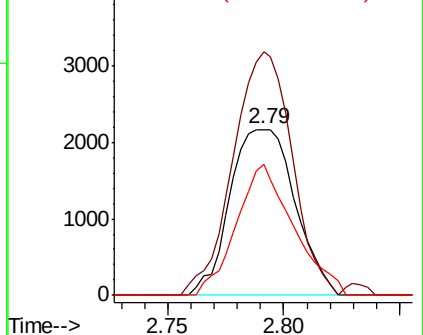
#18
 trans-1,2-Dichloroethene
 Concen: 1.496 ug/L
 RT: 2.79 min Scan# 529
 Delta R.T. 0.00 min
 Lab File: VV010154.D
 Acq: 06 Apr 2019 15:36

Instrument :
 MSVOA_V
 ClientSampleId :
 ETJ37

Tgt Ion: 96 Resp: 4234
 Ion Ratio Lower Upper
 96 100
 61 147.0 90.0 167.2
 98 79.2 44.2 82.2

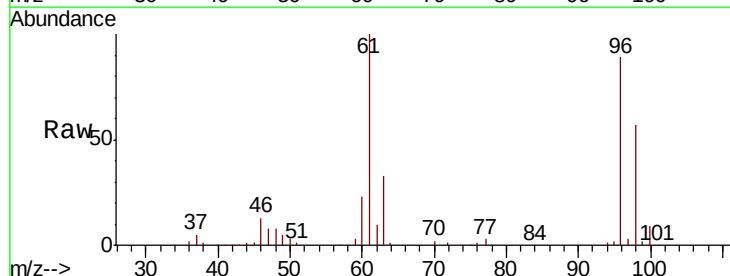


Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.00 (60.70 to 61.70): VV0
 Ion 98.00 (97.70 to 98.70): VV0

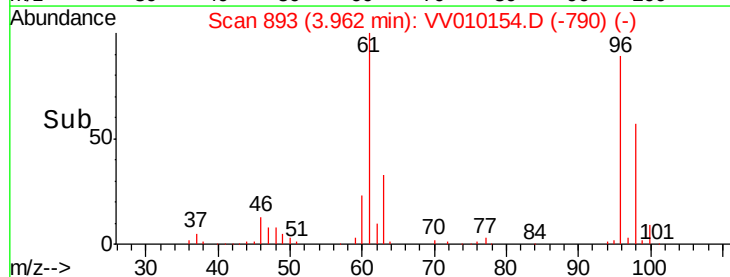
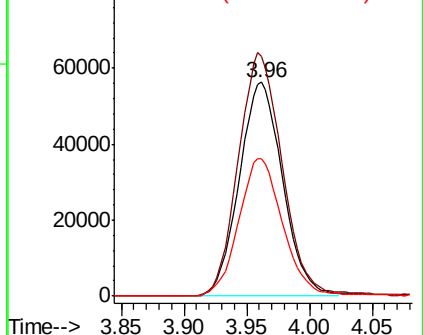


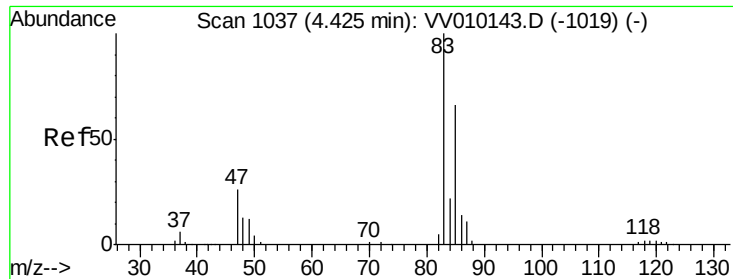
#22
 cis-1,2-Dichloroethene
 Concen: 43.149 ug/L
 RT: 3.96 min Scan# 893
 Delta R.T. 0.00 min
 Lab File: VV010154.D
 Acq: 06 Apr 2019 15:36

Tgt Ion: 96 Resp: 135555
 Ion Ratio Lower Upper
 96 100
 61 112.5 82.7 153.5
 98 64.1 43.9 81.5



Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.00 (60.70 to 61.70): VV0
 Ion 98.00 (97.70 to 98.70): VV0

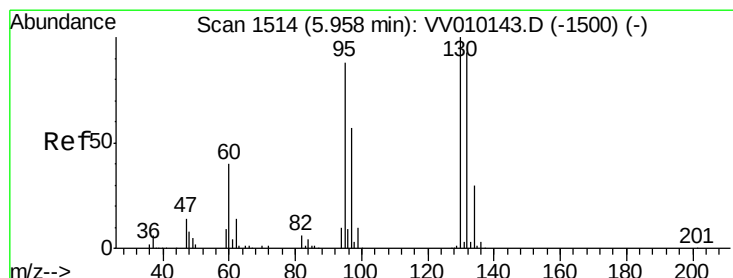
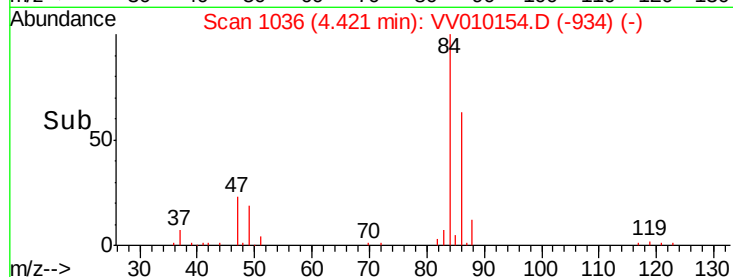
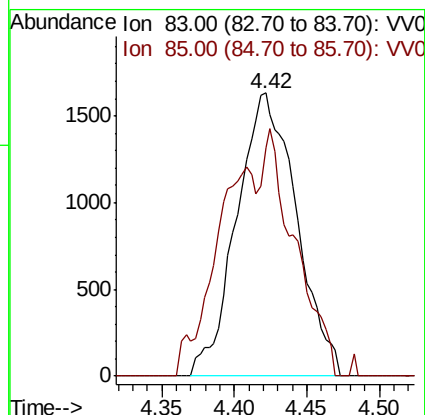
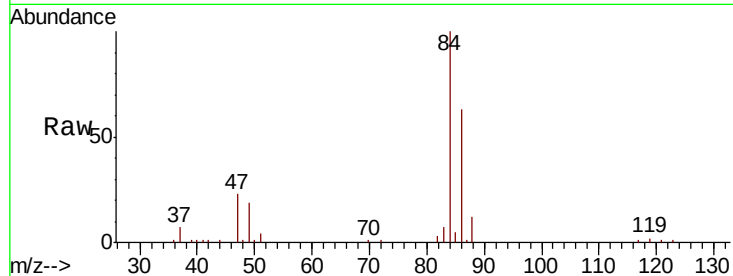




#25
Chloroform
Concen: 0.866 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VV010154.D
Acq: 06 Apr 2019 15:36

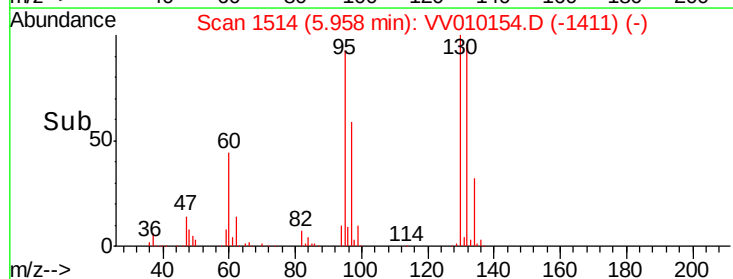
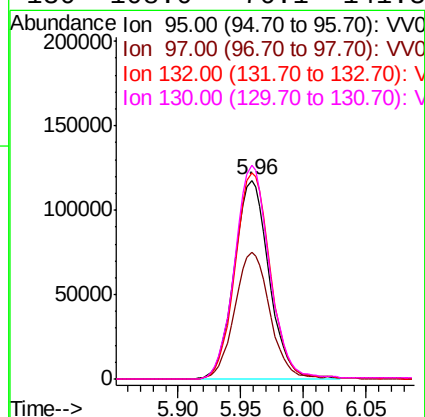
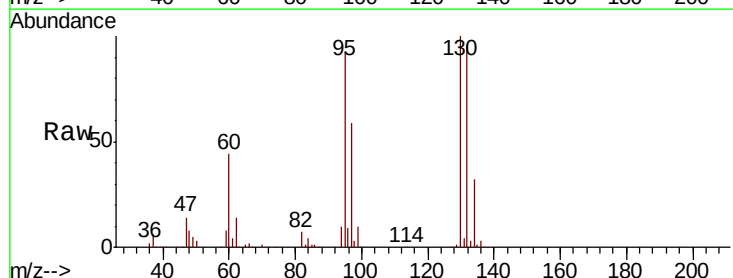
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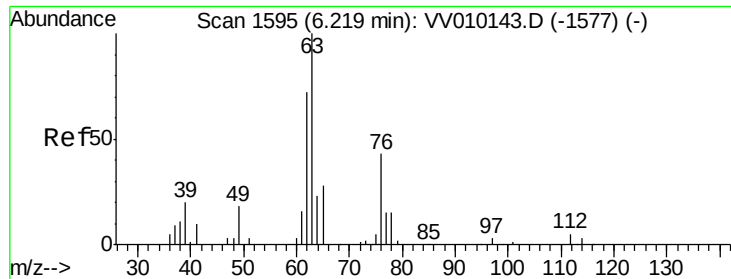
Tgt Ion: 83 Resp: 4667
Ion Ratio Lower Upper
83 100
85 50.1 46.4 86.2



#35
Trichloroethene
Concen: 68.377 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV010154.D
Acq: 06 Apr 2019 15:36

Tgt Ion: 95 Resp: 227576
Ion Ratio Lower Upper
95 100
97 64.5 45.8 85.2
132 104.6 70.6 131.0
130 108.0 76.1 141.3

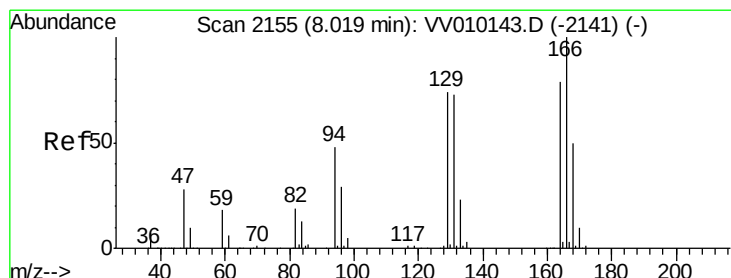
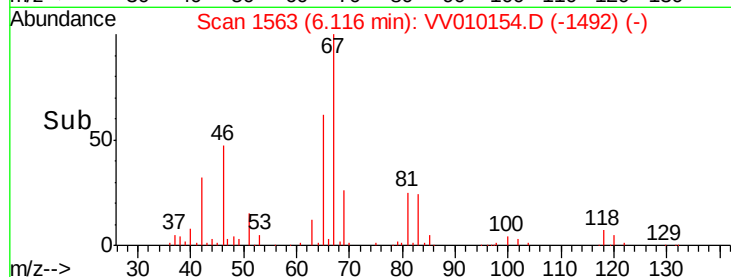
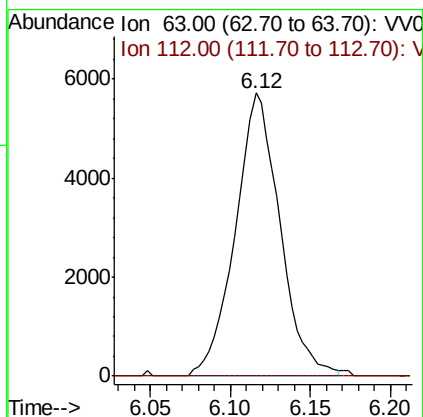
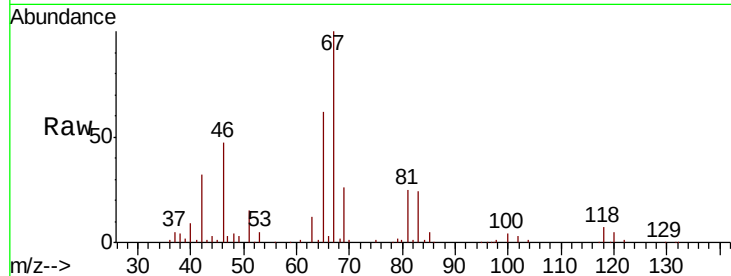




#40
 1,2-Dichloropropane
 Concen: 3.725 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV010154.D
 Acq: 06 Apr 2019 15:36

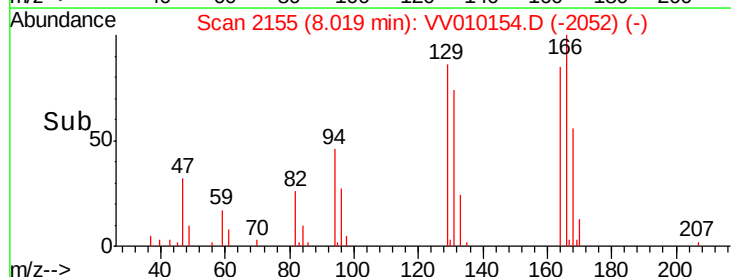
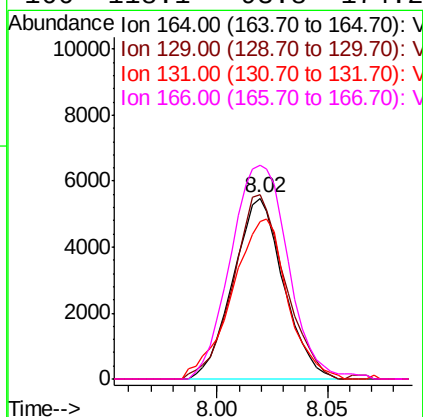
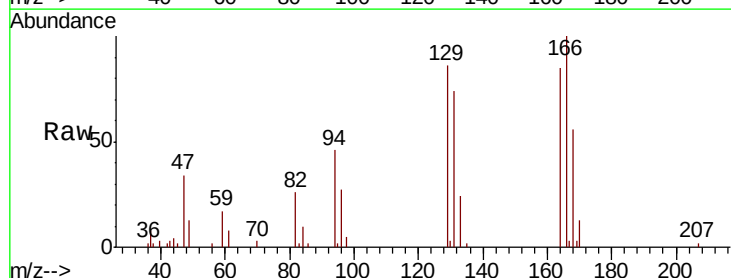
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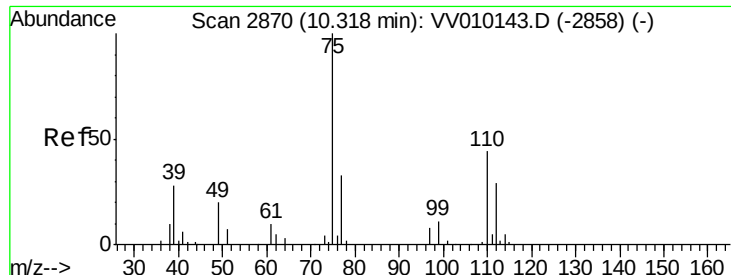
Tgt Ion: 63 Resp: 10882
 Ion Ratio Lower Upper
 63 100
 112 0.5 3.6 5.4#



#47
 Tetrachloroethene
 Concen: 3.135 ug/L
 RT: 8.02 min Scan# 2155
 Delta R.T. 0.00 min
 Lab File: VV010154.D
 Acq: 06 Apr 2019 15:36

Tgt Ion: 164 Resp: 8735
 Ion Ratio Lower Upper
 164 100
 129 102.1 67.8 125.8
 131 86.8 65.2 121.0
 166 118.1 93.8 174.2





#59

1,2,3-Trichloropropane

Concen: 4.958 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV010154.D

Acq: 06 Apr 2019 15:36

Instrument :

MSVOA_V

ClientSampleId :

ETJ37

Tgt Ion: 75 Resp: 11829

Ion Ratio Lower Upper

75 100

77 36.7 25.8 38.8

