

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040819\
 Data File : VV010181.D
 Acq On : 08 Apr 2019 17:33
 Operator : SY/MD
 Sample : K2218-12
 Misc : 3.87G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF632

Quant Time: Apr 09 05:35:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 09 05:31:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	147981	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	130656	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	38777	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	20409	10.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	41.20%
7) Chloroethane-d5	1.57	69	37507	15.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.96%
10) 1,1-Dichloroethene-d2	2.13	63	50698	10.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	40.56%#
20) 2-Butanone-d5	3.95	46	26070	46.24	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.48%
24) Chloroform-d	4.40	84	94858	25.44	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.76%
26) 1,2-Dichloroethane-d4	5.09	65	71612	34.33	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	137.32%#
29) Benzene-d6	5.10	84	167600	24.74	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.96%
33) 1,2-Dichloropropane-d6	6.12	67	63491	31.75	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	127.00%#
37) Toluene-d8	7.36	98	133452	20.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.76%
38) trans-1,3-Dichloropropene-	7.67	79	17663	20.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.64%
39) 2-Hexanone-d5	8.14	63	12047	30.04	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	60.08%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	66577	33.76	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	135.04%#
61) 1,2-Dichlorobenzene-d4	11.68	152	33777	22.36	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.44%

Target Compounds

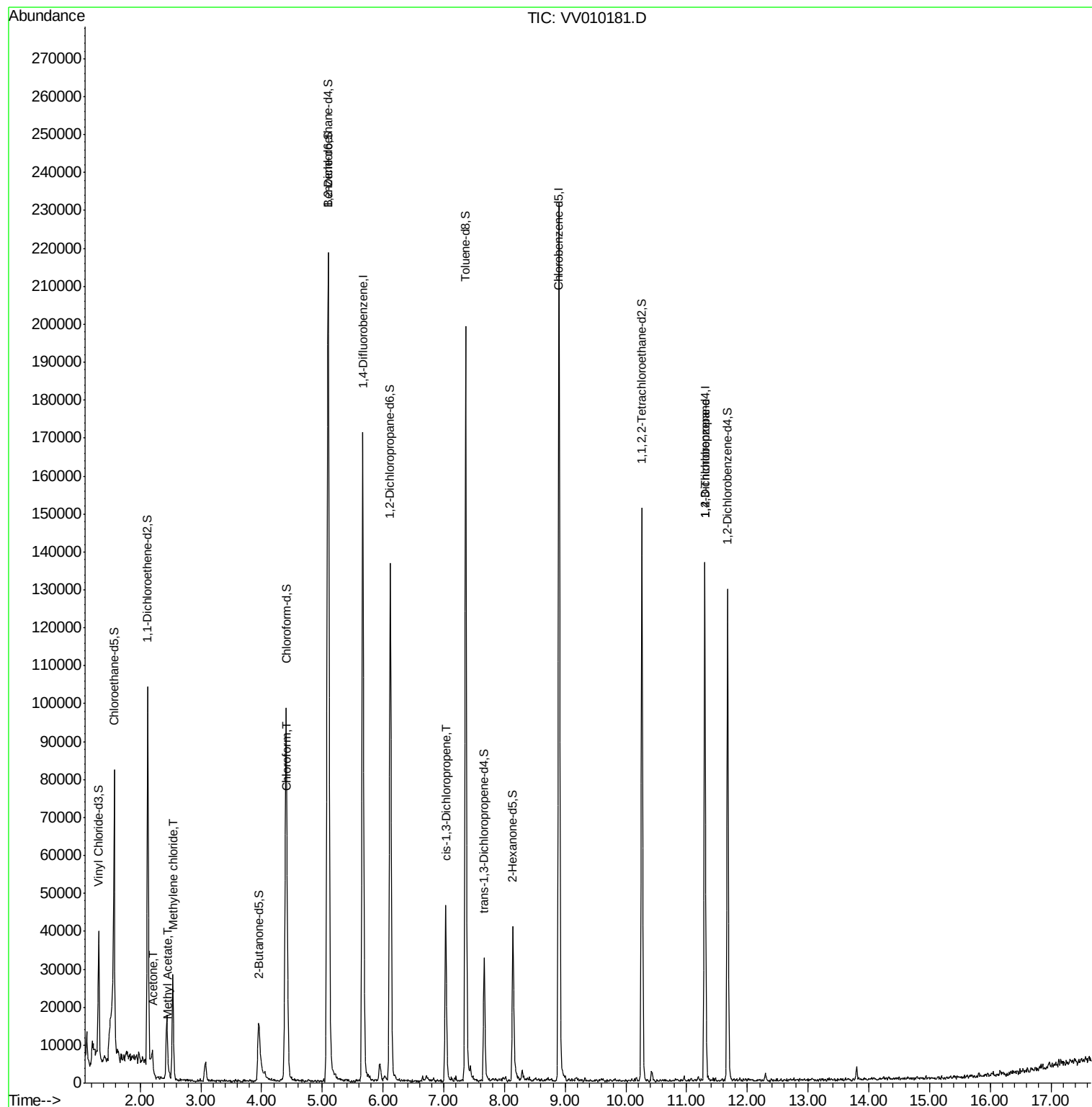
					Ovalue
13) Acetone	2.20	43	4390	7.876 ug/L	83
15) Methyl Acetate	2.47	43	990	1.110 ug/L #	78
16) Methylene chloride	2.54	84	11222	4.316 ug/L	97
25) Chloroform	4.43	83	4519	1.343 ug/L #	72
42) cis-1,3-Dichloropropene	7.03	75	1616	0.692 ug/L #	68
59) 1,2,3-Trichloropropane	11.30	75	4921	3.733 ug/L	92

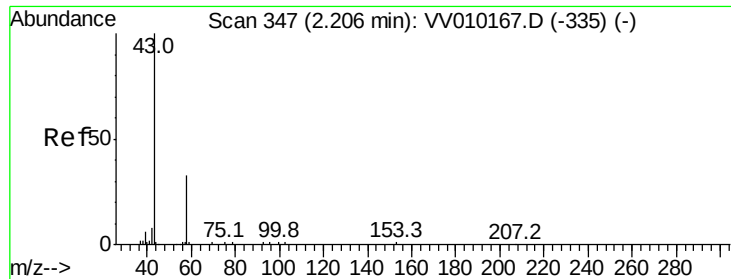
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 7.876 ug/L

RT: 2.20 min Scan# 346

Delta R.T. -0.00 min

Lab File: VV010181.D

Acq: 08 Apr 2019 17:33

Instrument :

MSVOA_V

ClientSampleId :

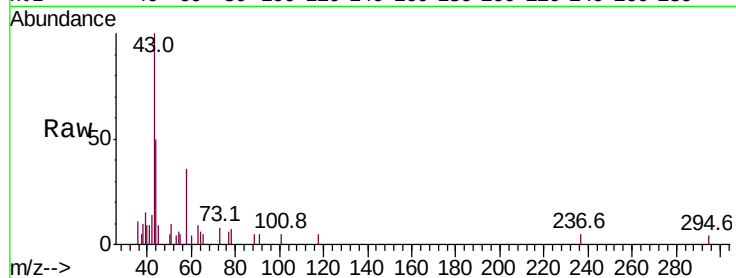
BF632

Tot Ion: 43 Resp: 4390

Ion Ratio Lower Upper

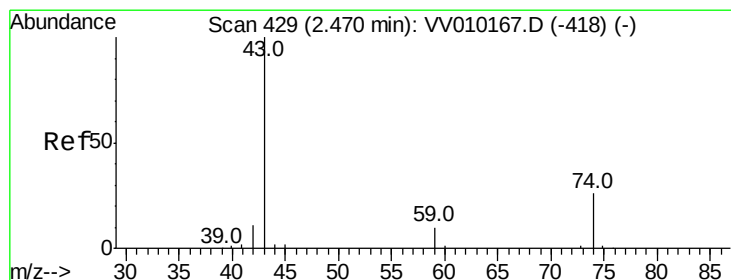
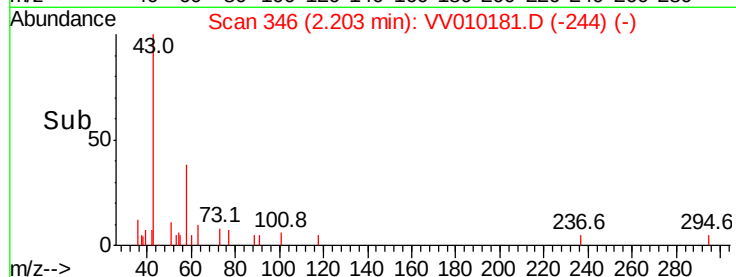
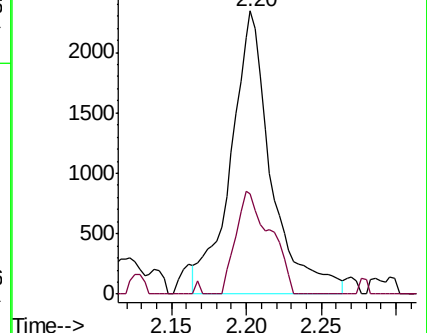
43 100

58 22.7 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VV010167.D (-335) (-)

Ion 58.00 (57.70 to 58.70): VV010167.D (-335) (-)



#15

Methyl Acetate

Concen: 1.110 ug/L

RT: 2.47 min Scan# 429

Delta R.T. -0.00 min

Lab File: VV010181.D

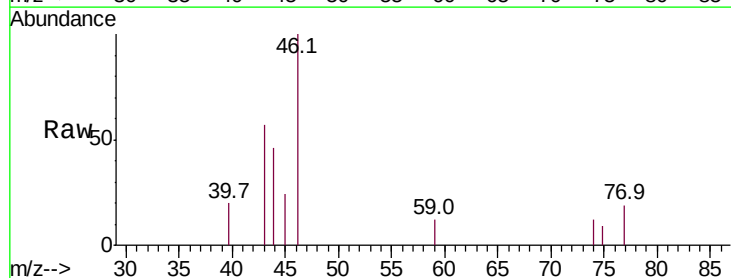
Acq: 08 Apr 2019 17:33

Tgt Ion: 43 Resp: 990

Ion Ratio Lower Upper

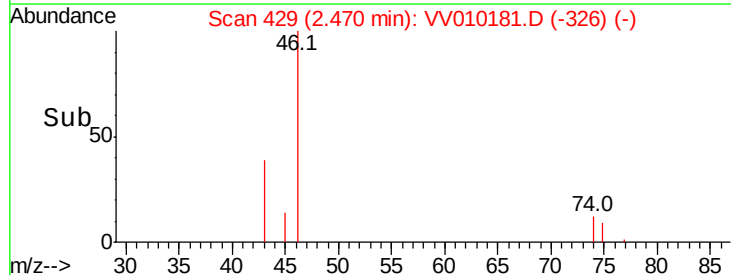
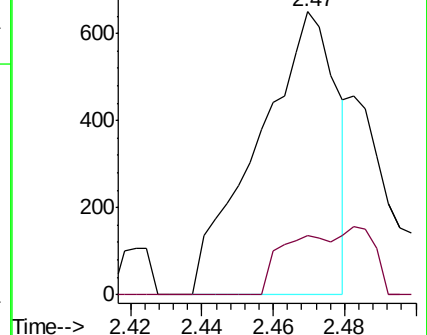
43 100

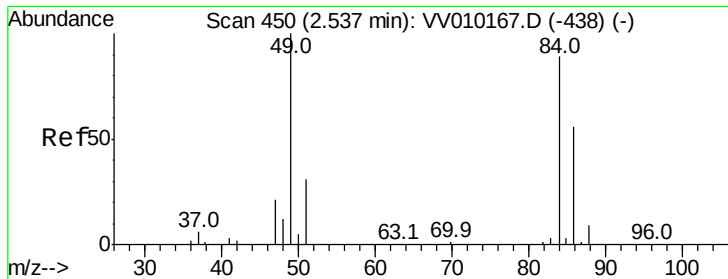
74 14.1 20.0 30.0#



Abundance Ion 43.00 (42.70 to 43.70): VV010167.D (-418) (-)

Ion 74.00 (73.70 to 74.70): VV010167.D (-418) (-)

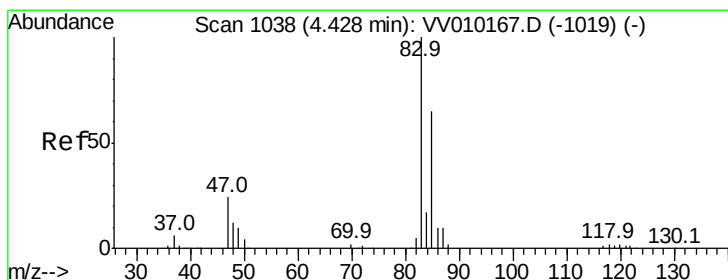
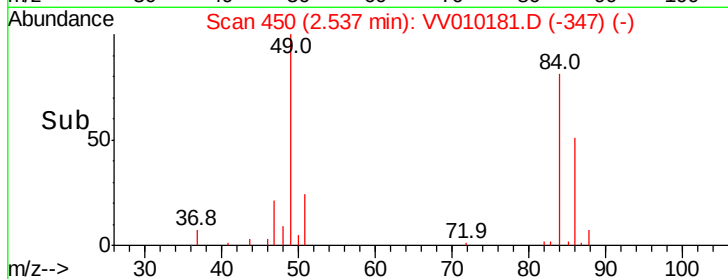
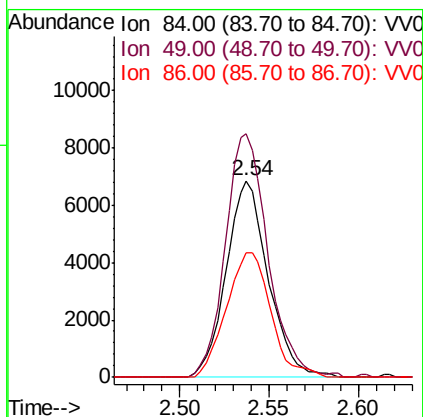
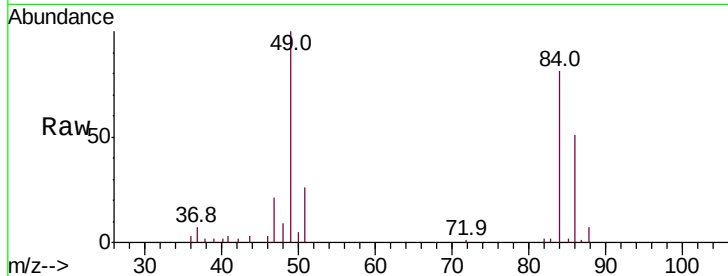




#16
Methvlene chloride
Concen: 4.316 ug/L
RT: 2.54 min Scan# 450
Delta R.T. -0.00 min
Lab File: VV010181.D
Acq: 08 Apr 2019 17:33

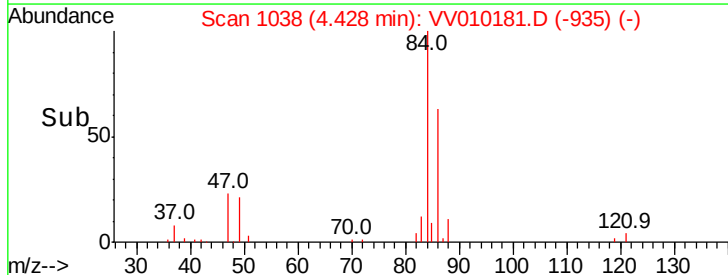
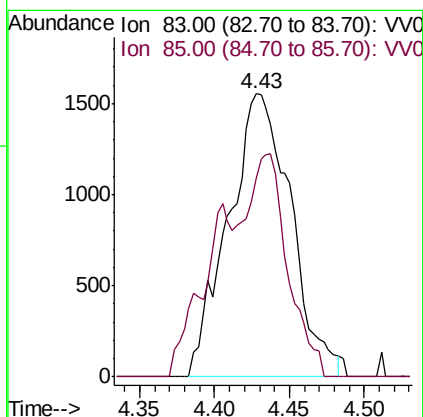
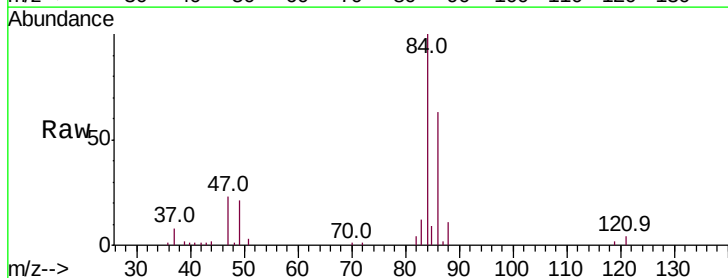
Instrument :
MSVOA_V
ClientSampled :
BF632

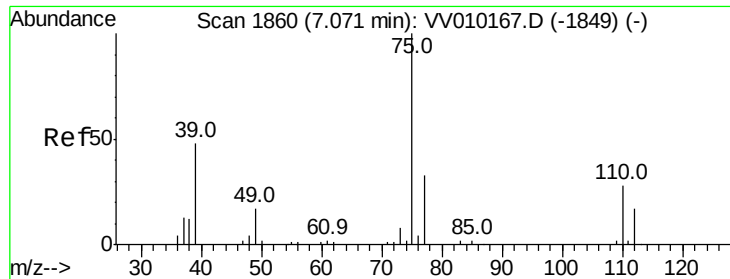
Tot Ion: 84 Resp: 11222
Ion Ratio Lower Upper
84 100
49 123.7 84.3 156.5
86 63.4 45.4 84.2



#25
Chloroform
Concen: 1.343 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. -0.00 min
Lab File: VV010181.D
Acq: 08 Apr 2019 17:33

Tgt Ion: 83 Resp: 4519
Ion Ratio Lower Upper
83 100
85 44.4 46.4 86.2#



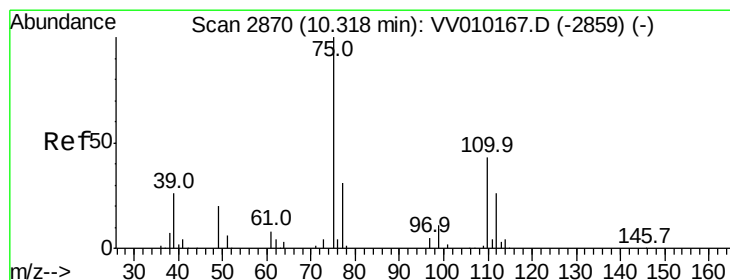
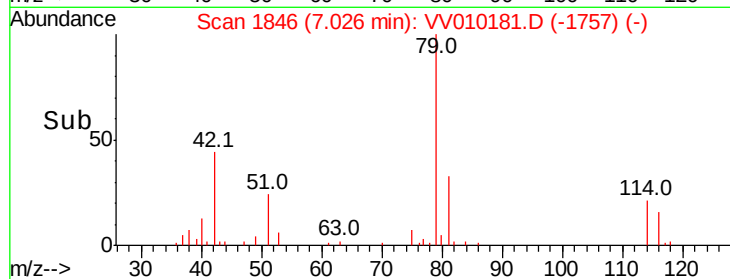
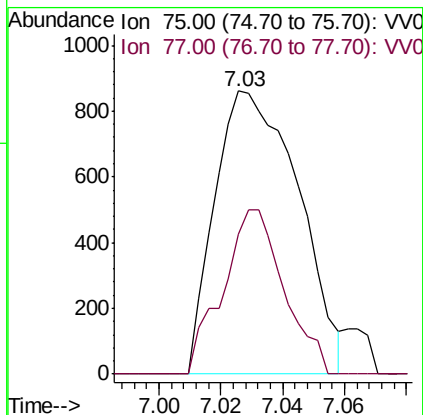
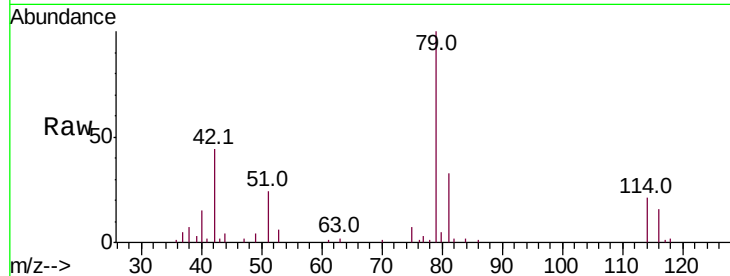


#42

cis-1,3-Dichloropropene
 Concen: 0.692 ug/L
 RT: 7.03 min Scan# 1846
 Delta R.T. -0.05 min
 Lab File: VV010181.D
 Acq: 08 Apr 2019 17:33

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 MSVOA_V
 ClientSampleId :
 BF632

Tot Ion: 75 Resp: 1616
 Ion Ratio Lower Upper
 75 100
 77 49.2 22.1 41.1#



#59

1,2,3-Trichloropropane
 Concen: 3.733 ug/L
 RT: 11.30 min Scan# 3176
 Delta R.T. 0.98 min
 Lab File: VV010181.D
 Acq: 08 Apr 2019 17:33

Tgt Ion: 75 Resp: 4921
 Ion Ratio Lower Upper
 75 100
 77 28.0 25.8 38.8

