

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040819\
 Data File : VV010183.D
 Acq On : 08 Apr 2019 18:26
 Operator : SY/MD
 Sample : K2255-05
 Misc : 2.67G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFC47

Quant Time: Apr 09 05:35:49 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	170749	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	147781	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	47772	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	30594	13.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	53.52%
7) Chloroethane-d5	1.58	69	48183	16.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.88%
10) 1,1-Dichloroethene-d2	2.13	63	72974	12.66	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	50.64%
20) 2-Butanone-d5	3.96	46	13825	21.25	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	42.50%
24) Chloroform-d	4.40	84	102199	23.76	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.04%
26) 1,2-Dichloroethane-d4	5.08	65	59084	24.55	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.20%
29) Benzene-d6	5.10	84	181936	23.74	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.96%
33) 1,2-Dichloropropane-d6	6.12	67	63953	28.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	113.12%
37) Toluene-d8	7.36	98	155616	21.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.32%
38) trans-1,3-Dichloropropene-	7.67	79	17153	17.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	70.96%
39) 2-Hexanone-d5	8.14	63	8670	19.11	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	38.22%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	51043	22.88	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.52%
61) 1,2-Dichlorobenzene-d4	11.68	152	43591	23.42	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.68%

Target Compounds

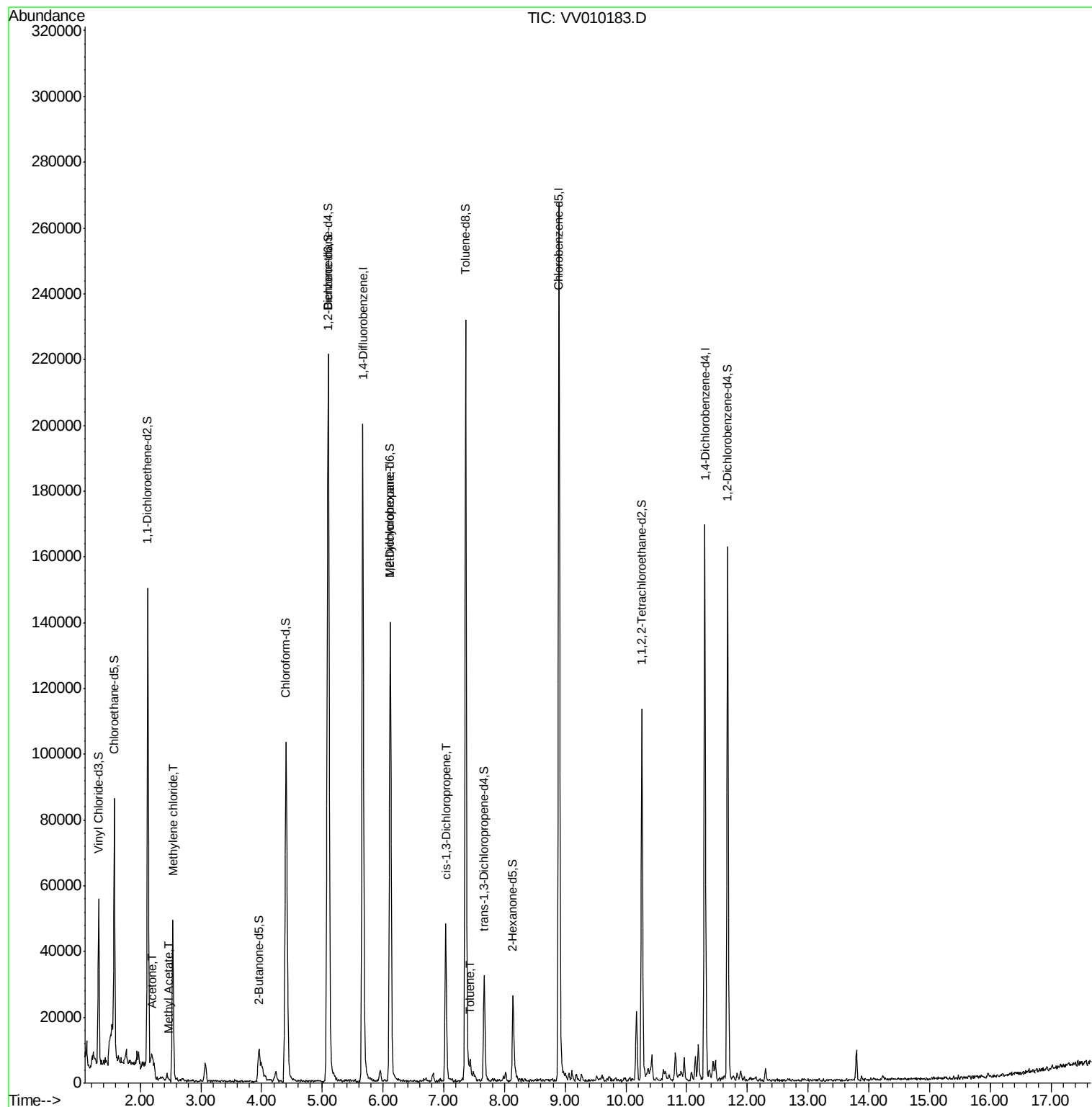
					Ovalue
13) Acetone	2.20	43	2819	4.383 ug/L	85
15) Methyl Acetate	2.47	43	502	0.488 ug/L #	50
16) Methylene chloride	2.54	84	19502	6.501 ug/L	97
36) Methylcyclohexane	6.12	83	16300	5.231 ug/L #	20
42) cis-1,3-Dichloropropene	7.03	75	1424	0.539 ug/L #	67
44) Toluene	7.43	91	3708	0.457 ug/L	88

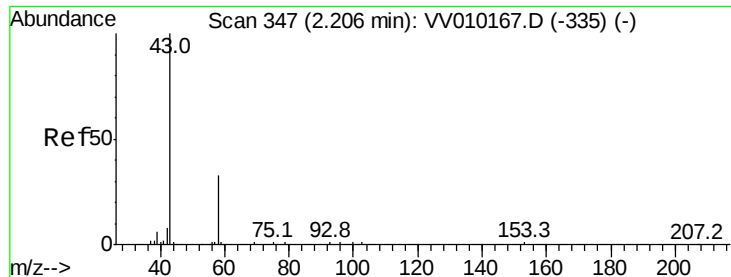
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Apr 09 05:31:28 2019
Response via : Initial Calibration





#13

Acetone

Concen: 4.383 ug/L

RT: 2.20 min Scan# 345

Delta R.T. -0.01 min

Lab File: VV010183.D

Acq: 08 Apr 2019 18:26

Instrument :

MSVOA_V

ClientSampleId :

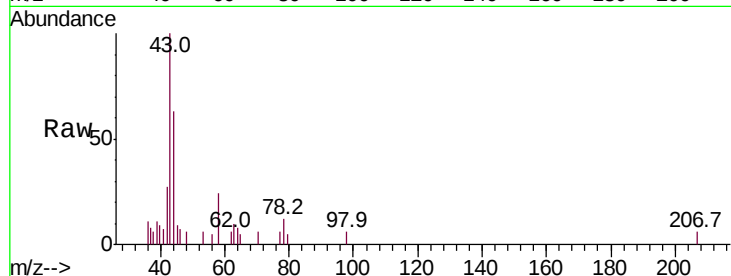
BFC47

Tot Ion: 43 Resp: 2819

Ion Ratio Lower Upper

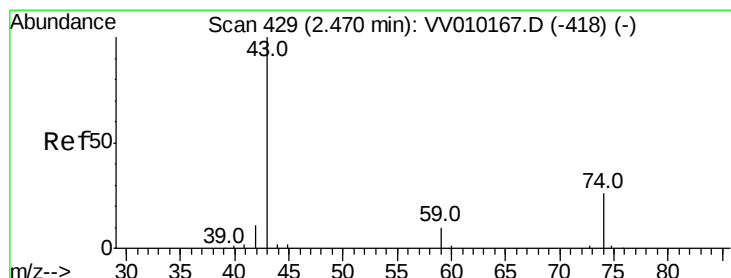
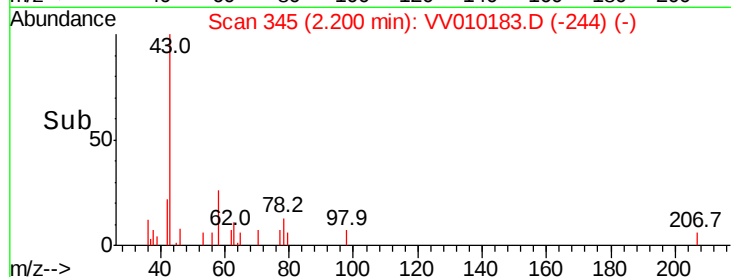
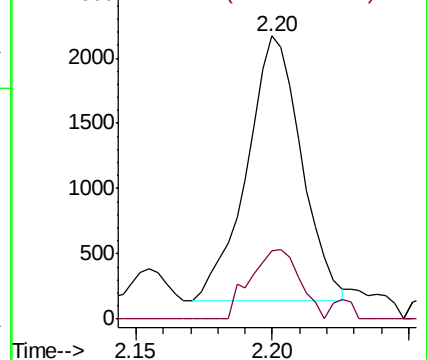
43 100

58 23.7 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: 0.488 ug/L

RT: 2.47 min Scan# 430

Delta R.T. 0.00 min

Lab File: VV010183.D

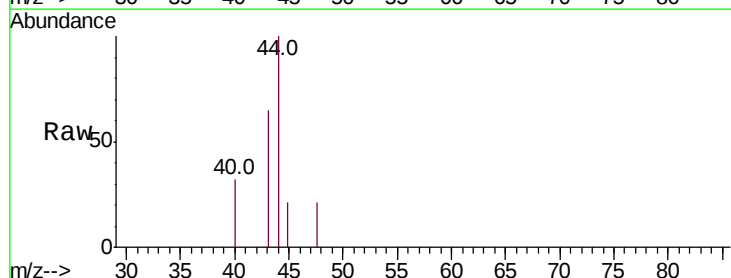
Acq: 08 Apr 2019 18:26

Tgt Ion: 43 Resp: 502

Ion Ratio Lower Upper

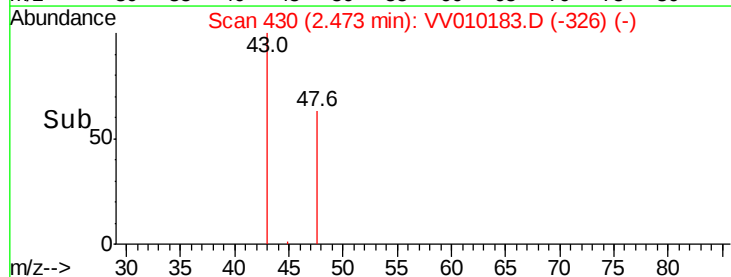
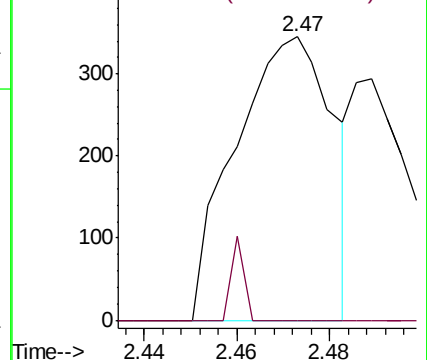
43 100

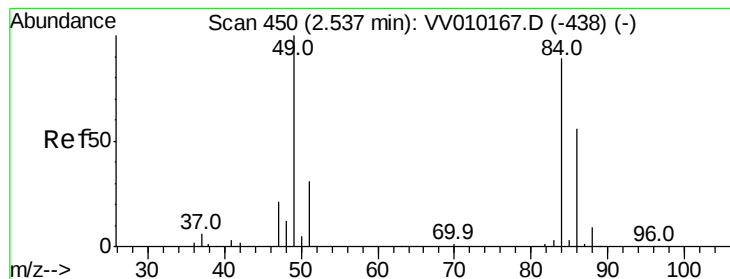
74 0.0 20.0 30.0#



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: 6.501 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

Lab File: VV010183.D

Acq: 08 Apr 2019 18:26

Instrument :

MSVOA_V

ClientSampleId :

BFC47

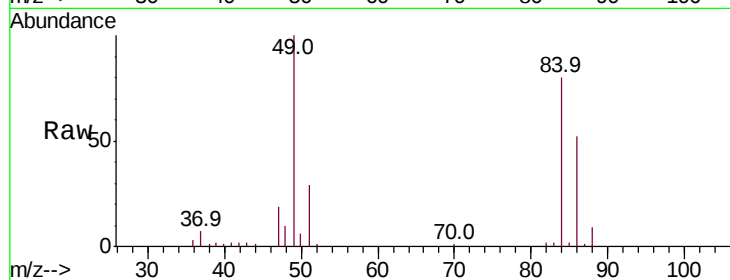
Tot Ion: 84 Resp: 19502

Ion Ratio Lower Upper

84 100

49 125.2 84.3 156.5

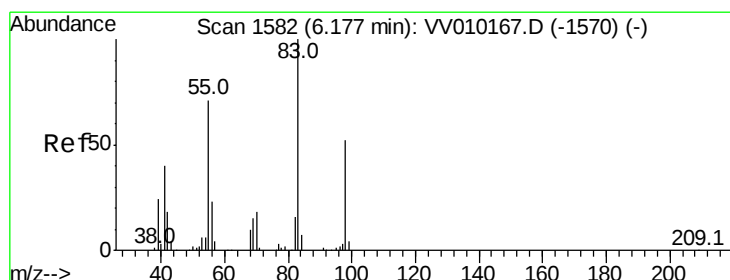
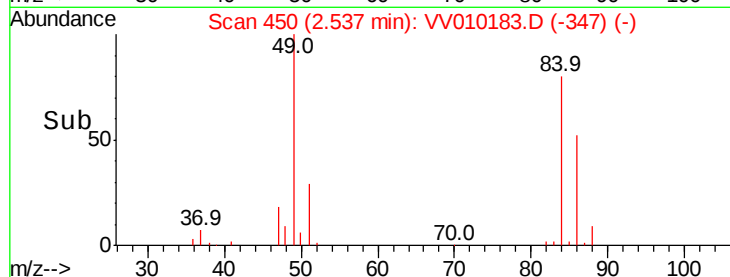
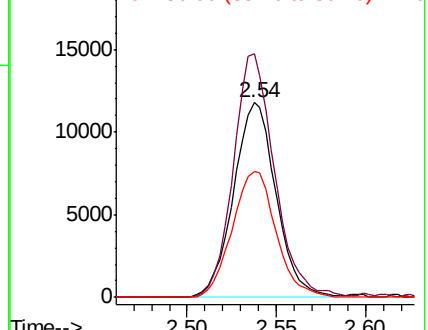
86 65.0 45.4 84.2



Abundance Ion 84.00 (83.70 to 84.70): VV010183.D (-1479) (-)

Ion 49.00 (48.70 to 49.70): VV010183.D (-1479) (-)

Ion 86.00 (85.70 to 86.70): VV010183.D (-1479) (-)



#36

Methylcyclohexane

Concen: 5.231 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.06 min

Lab File: VV010183.D

Acq: 08 Apr 2019 18:26

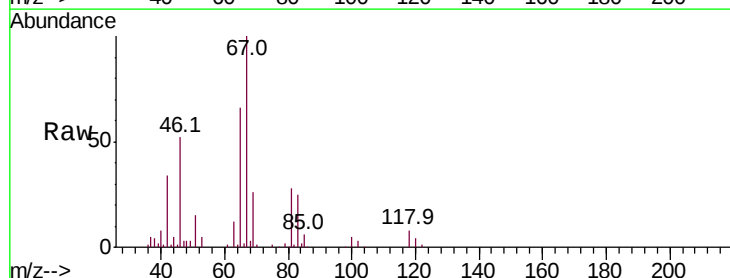
Tgt Ion: 83 Resp: 16300

Ion Ratio Lower Upper

83 100

55 0.3 56.3 84.5#

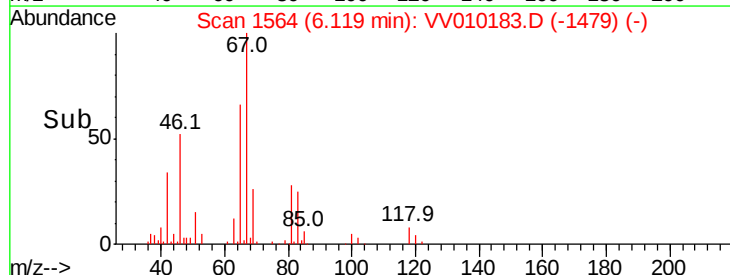
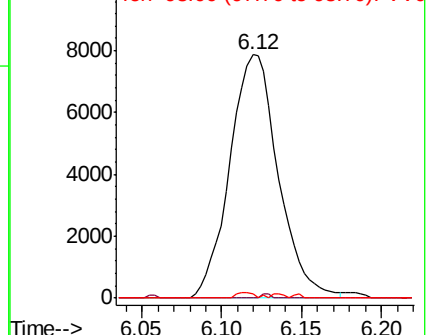
98 0.1 39.0 58.6#

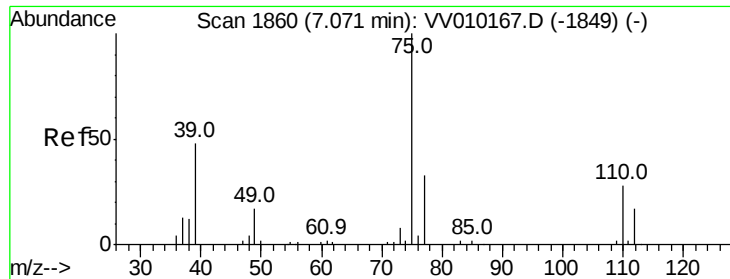


Abundance Ion 83.00 (82.70 to 83.70): VV010183.D (-1479) (-)

Ion 55.00 (54.70 to 55.70): VV010183.D (-1479) (-)

Ion 98.00 (97.70 to 98.70): VV010183.D (-1479) (-)



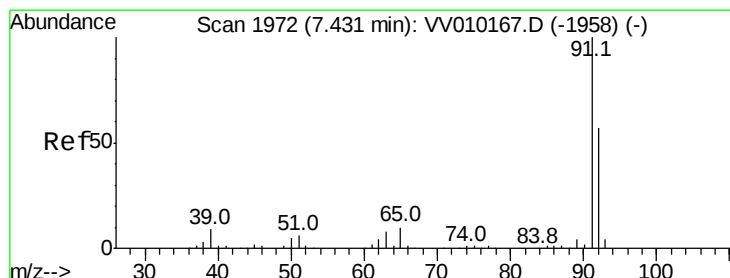
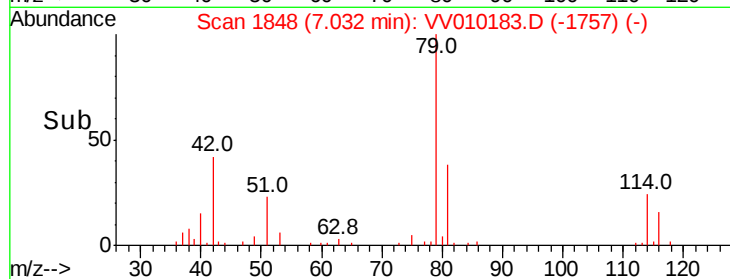
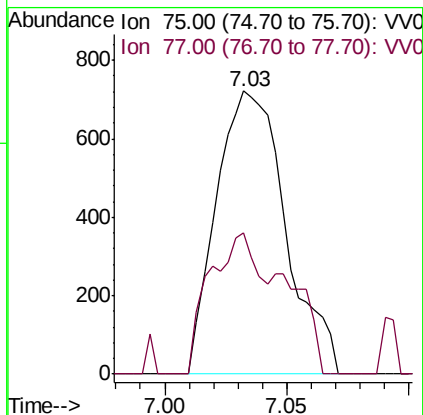
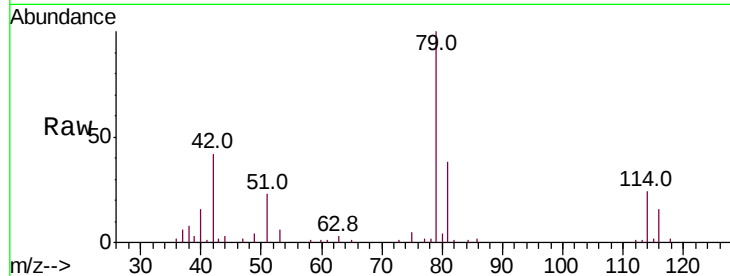


#42

cis-1,3-Dichloropropene
Concen: 0.539 ug/L
RT: 7.03 min Scan# 1848
Delta R.T. -0.04 min
Lab File: VV010183.D
Acq: 08 Apr 2019 18:26

Instrument :
MSVOA_V
ClientSampleId :
BFC47

Tot Ion: 75 Resp: 1424
Ion Ratio Lower Upper
75 100
77 49.7 22.1 41.1#



#44

Toluene
Concen: 0.457 ug/L
RT: 7.43 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VV010183.D
Acq: 08 Apr 2019 18:26

Tgt Ion: 91 Resp: 3708
Ion Ratio Lower Upper
91 100
92 67.6 41.0 76.2

