

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040819\
 Data File : VV010177.D
 Acq On : 08 Apr 2019 15:48
 Operator : SY/MD
 Sample : K2218-08
 Misc : 4.63G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF5Z8

Quant Time: Apr 09 05:35:14 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	167089	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	149099	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	40930	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	14415	6.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	25.76%#
7) Chloroethane-d5	1.57	69	27057	9.74	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	38.96%
10) 1,1-Dichloroethene-d2	2.12	63	41455	7.35	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	29.40%#
20) 2-Butanone-d5	3.95	46	26020	40.88	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.76%
24) Chloroform-d	4.40	84	56672	13.46	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	53.84%
26) 1,2-Dichloroethane-d4	5.08	65	65546	27.83	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	111.32%
29) Benzene-d6	5.10	84	157854	20.42	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.68%
33) 1,2-Dichloropropane-d6	6.12	67	59852	26.23	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.92%
37) Toluene-d8	7.36	98	121859	16.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	65.44%
38) trans-1,3-Dichloropropene-	7.67	79	15768	16.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	64.64%
39) 2-Hexanone-d5	8.14	63	15424	33.70	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.40%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	21711	9.65	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	38.60%#
61) 1,2-Dichlorobenzene-d4	11.68	152	30586	19.18	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	76.72%

Target Compounds

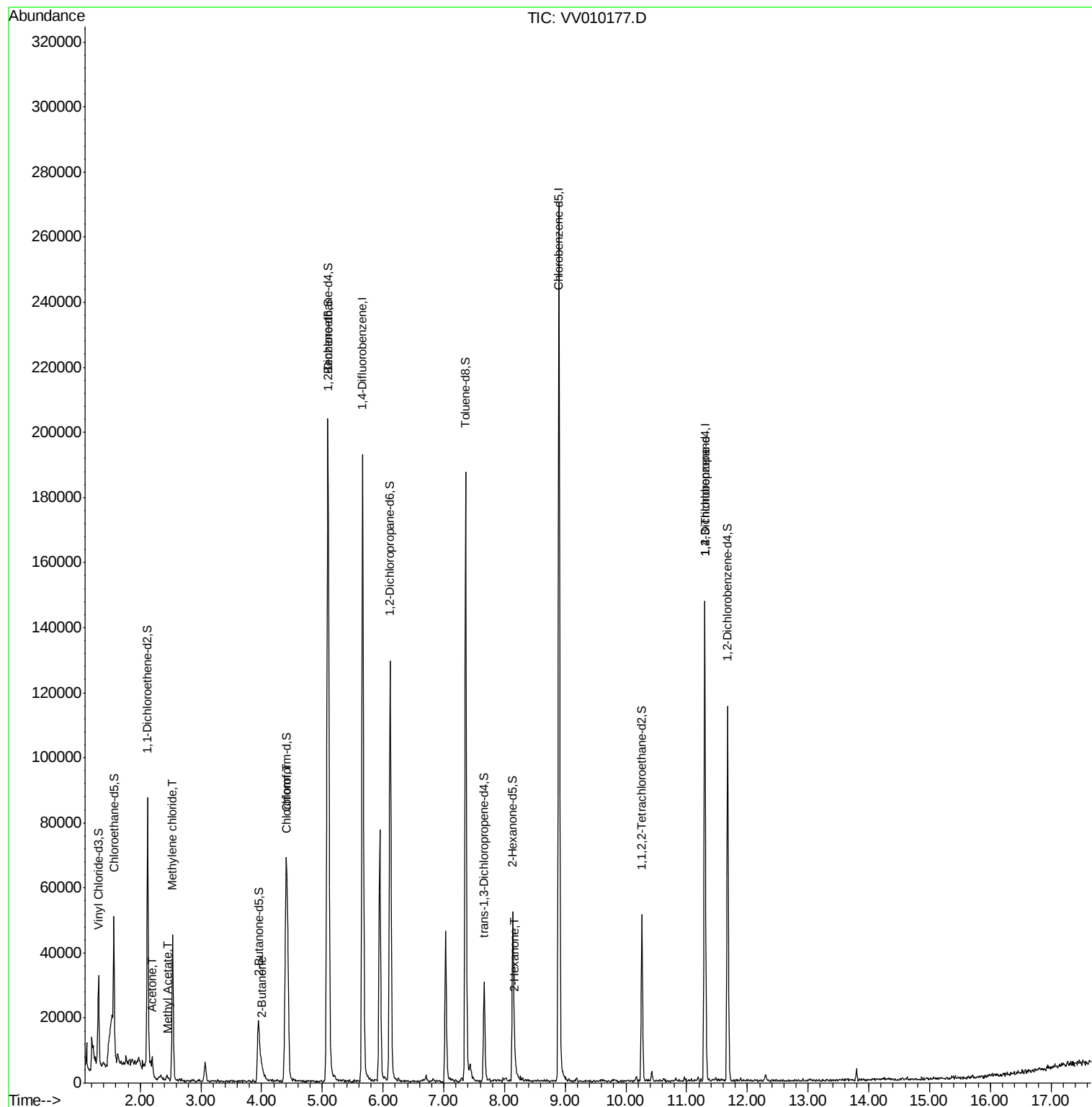
					Ovalue
13) Acetone	2.20	43	7145	11.353	ug/L 91
15) Methyl Acetate	2.47	43	979	0.972	ug/L 97
16) Methylene chloride	2.53	84	17432	5.938	ug/L 94
21) 2-Butanone	4.01	43	1267	1.838	ug/L # 69
25) Chloroform	4.43	83	34599	9.107	ug/L 99
49) 2-Hexanone	8.17	43	2433	2.499	ug/L # 47
59) 1,2,3-Trichloropropane	11.30	75	5920	3.935	ug/L 95

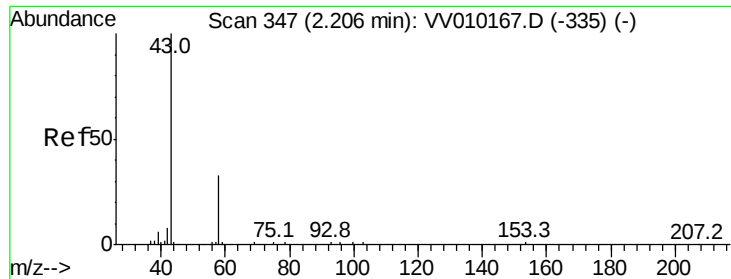
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 11.353 ug/L

RT: 2.20 min Scan# 344

Delta R.T. -0.01 min

Lab File: VV010177.D

Acq: 08 Apr 2019 15:48

Instrument :

MSVOA_V

ClientSampleId :

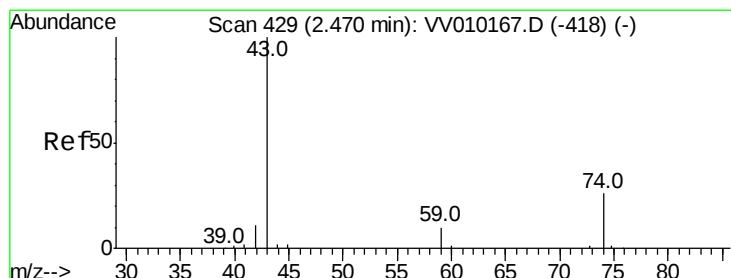
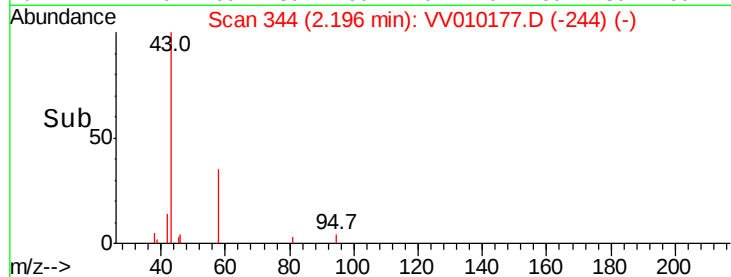
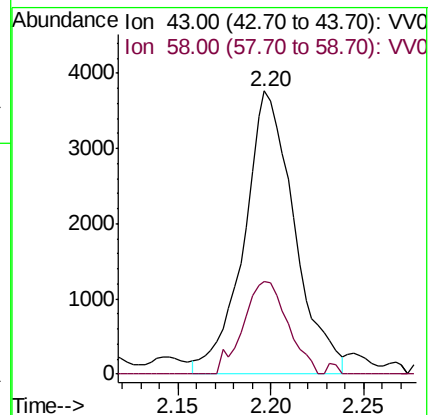
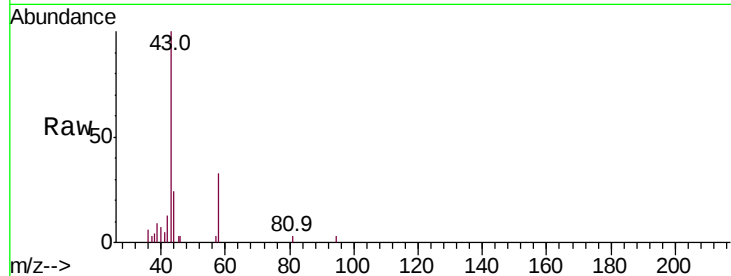
BF5Z8

Tot Ion: 43 Resp: 7145

Ion Ratio Lower Upper

43 100

58 27.3 0.0 64.6



#15

Methyl Acetate

Concen: 0.972 ug/L

RT: 2.47 min Scan# 429

Delta R.T. -0.00 min

Lab File: VV010177.D

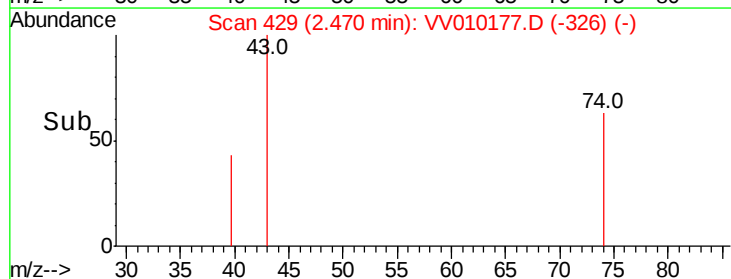
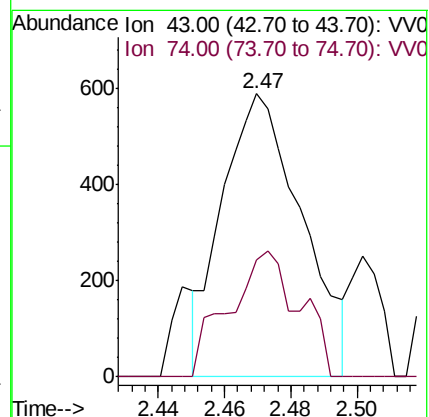
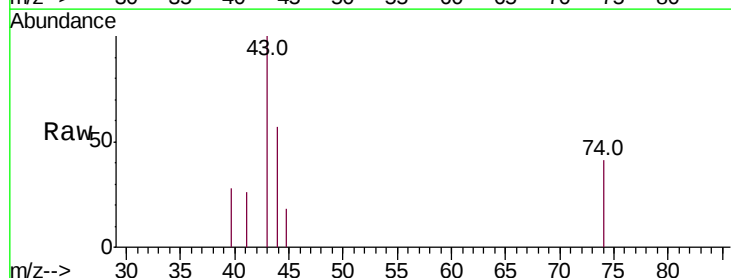
Acq: 08 Apr 2019 15:48

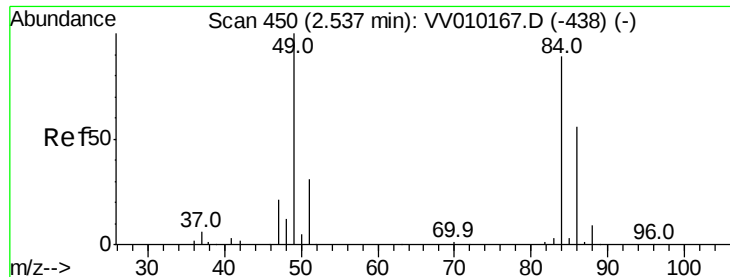
Tgt Ion: 43 Resp: 979

Ion Ratio Lower Upper

43 100

74 23.6 20.0 30.0

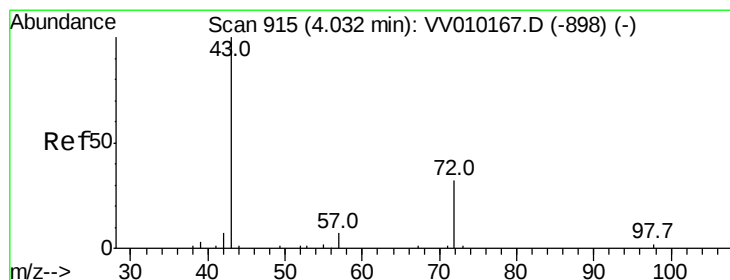
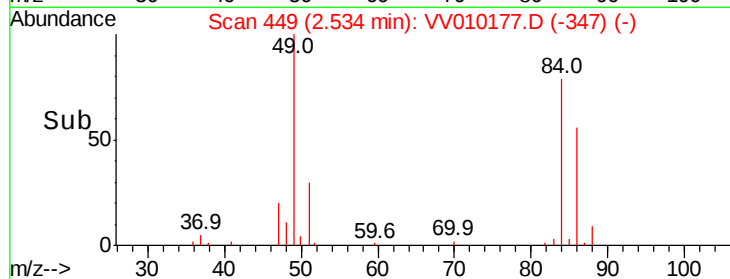
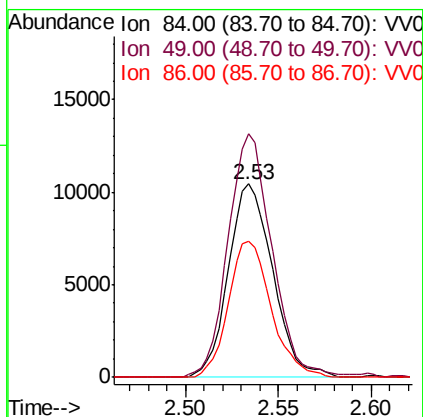
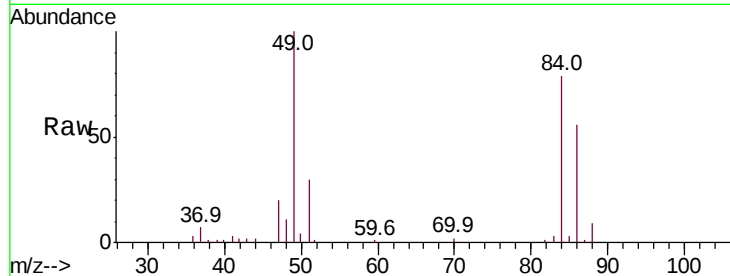




#16
Methvlene chloride
Concen: 5.938 ug/L
RT: 2.53 min Scan# 449
Delta R.T. -0.00 min
Lab File: VV010177.D
Acq: 08 Apr 2019 15:48

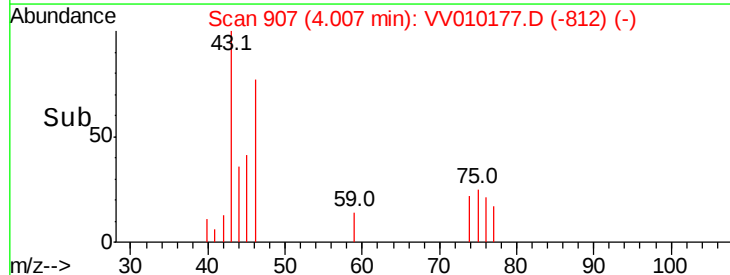
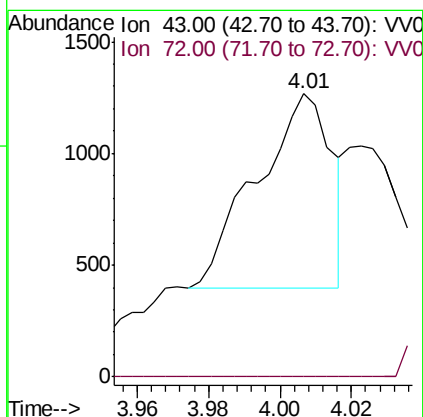
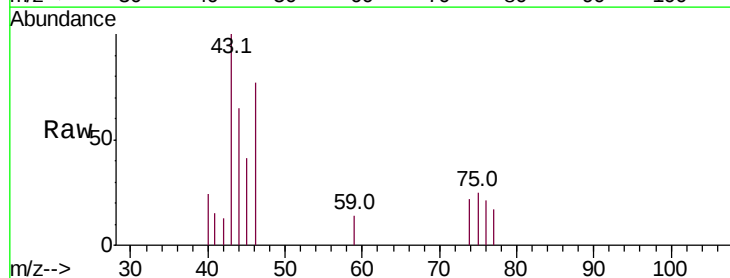
Instrument :
MSVOA_V
ClientSampleId :
BF5Z8

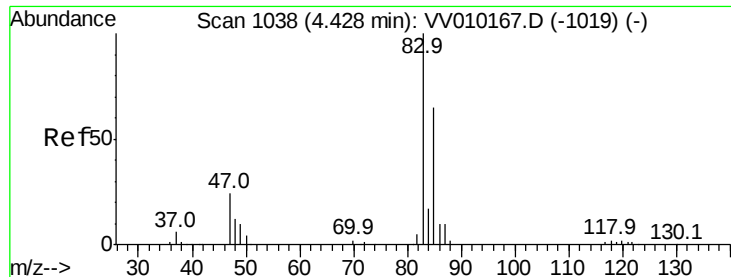
Tot Ion: 84 Resp: 17432
Ion Ratio Lower Upper
84 100
49 125.9 84.3 156.5
86 70.5 45.4 84.2



#21
2-Butanone
Concen: 1.838 ug/L
RT: 4.01 min Scan# 907
Delta R.T. -0.03 min
Lab File: VV010177.D
Acq: 08 Apr 2019 15:48

Tgt Ion: 43 Resp: 1267
Ion Ratio Lower Upper
43 100
72 10.0 12.8 38.4#





#25

Chloroform

Concen: 9.107 ug/L

RT: 4.43 min Scan# 1038

Delta R.T. -0.00 min

Lab File: VV010177.D

Acq: 08 Apr 2019 15:48

Instrument :

MSVOA_V

ClientSampled :

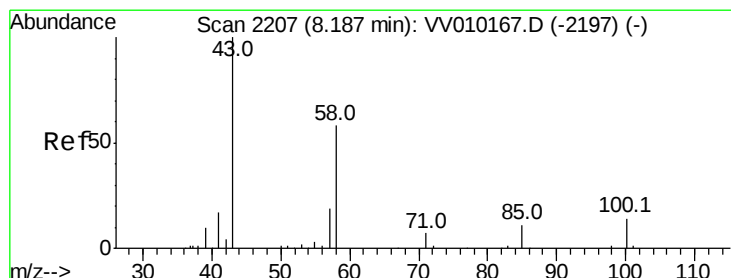
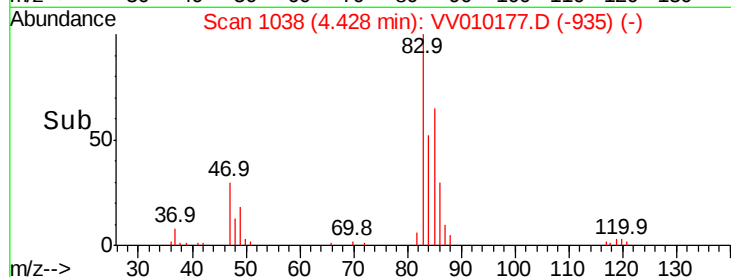
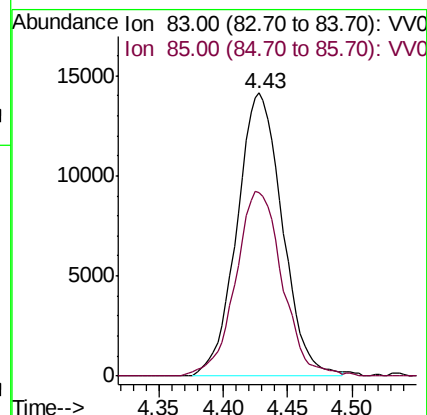
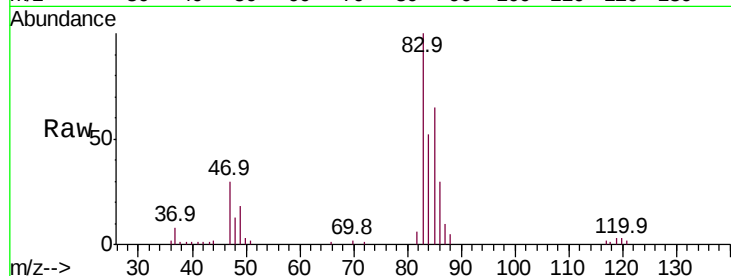
BF5Z8

Tot Ion: 83 Resp: 34599

Ion Ratio Lower Upper

83 100

85 67.0 46.4 86.2



#49

2-Hexanone

Concen: 2.499 ug/L

RT: 8.17 min Scan# 2203

Delta R.T. -0.01 min

Lab File: VV010177.D

Acq: 08 Apr 2019 15:48

Tgt Ion: 43 Resp: 2433

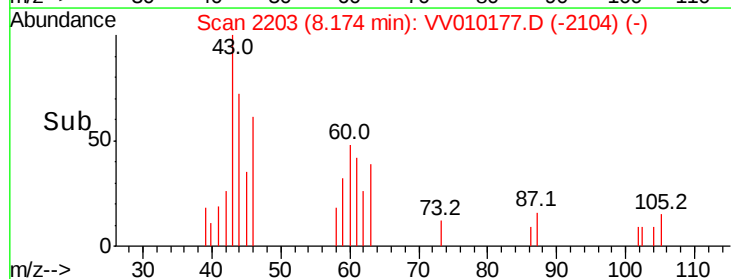
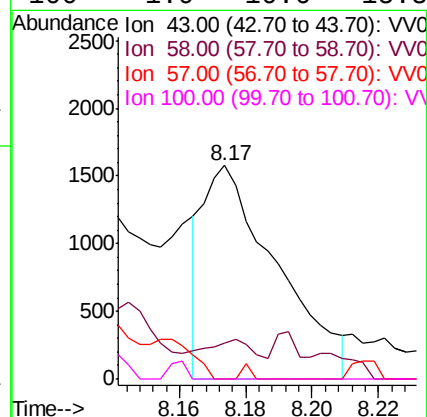
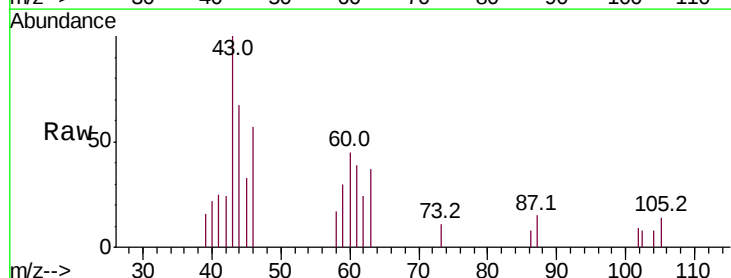
Ion Ratio Lower Upper

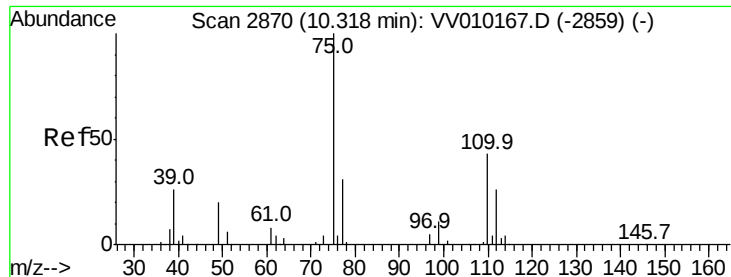
43 100

58 9.1 44.3 66.5#

57 0.0 13.8 20.8#

100 1.9 10.6 15.8#





#59

1,2,3-Trichloropropane

Concen: 3.935 ug/L

RT: 11.30 min Scan# 3175

Delta R.T. 0.98 min

Lab File: VV010177.D

Acq: 08 Apr 2019 15:48

Instrument :

MSVOA_V

ClientSampleId :

BF5Z8

Tot Ion: 75 Resp: 5920

Ion Ratio Lower Upper

75 100

77 29.5 25.8 38.8

