

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040819\
 Data File : VV010175.D
 Acq On : 08 Apr 2019 14:55
 Operator : SY/MD
 Sample : K2218-06
 Misc : 4.61G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF5Z6

Quant Time: Apr 09 05:35:01 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	175054	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	157425	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	58505	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	30157	12.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	51.48%
7) Chloroethane-d5	1.57	69	57944	19.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.64%
10) 1,1-Dichloroethene-d2	2.13	63	72041	12.19	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	48.76%
20) 2-Butanone-d5	4.02	46	191	0.29	ug/L	0.07
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.58%#
24) Chloroform-d	4.40	84	106536	24.16	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.64%
26) 1,2-Dichloroethane-d4	5.08	65	71223	28.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	115.48%
29) Benzene-d6	5.10	84	202069	24.75	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.00%
33) 1,2-Dichloropropane-d6	6.12	67	69233	28.74	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	114.96%
37) Toluene-d8	7.36	98	170384	21.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.64%
38) trans-1,3-Dichloropropene-	7.67	79	11564	11.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	44.92%
39) 2-Hexanone-d5	8.14	63	2825	5.85	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	11.70%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	71284	30.00	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	120.00%
61) 1,2-Dichlorobenzene-d4	11.68	152	57603	25.28	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.12%

Target Compounds

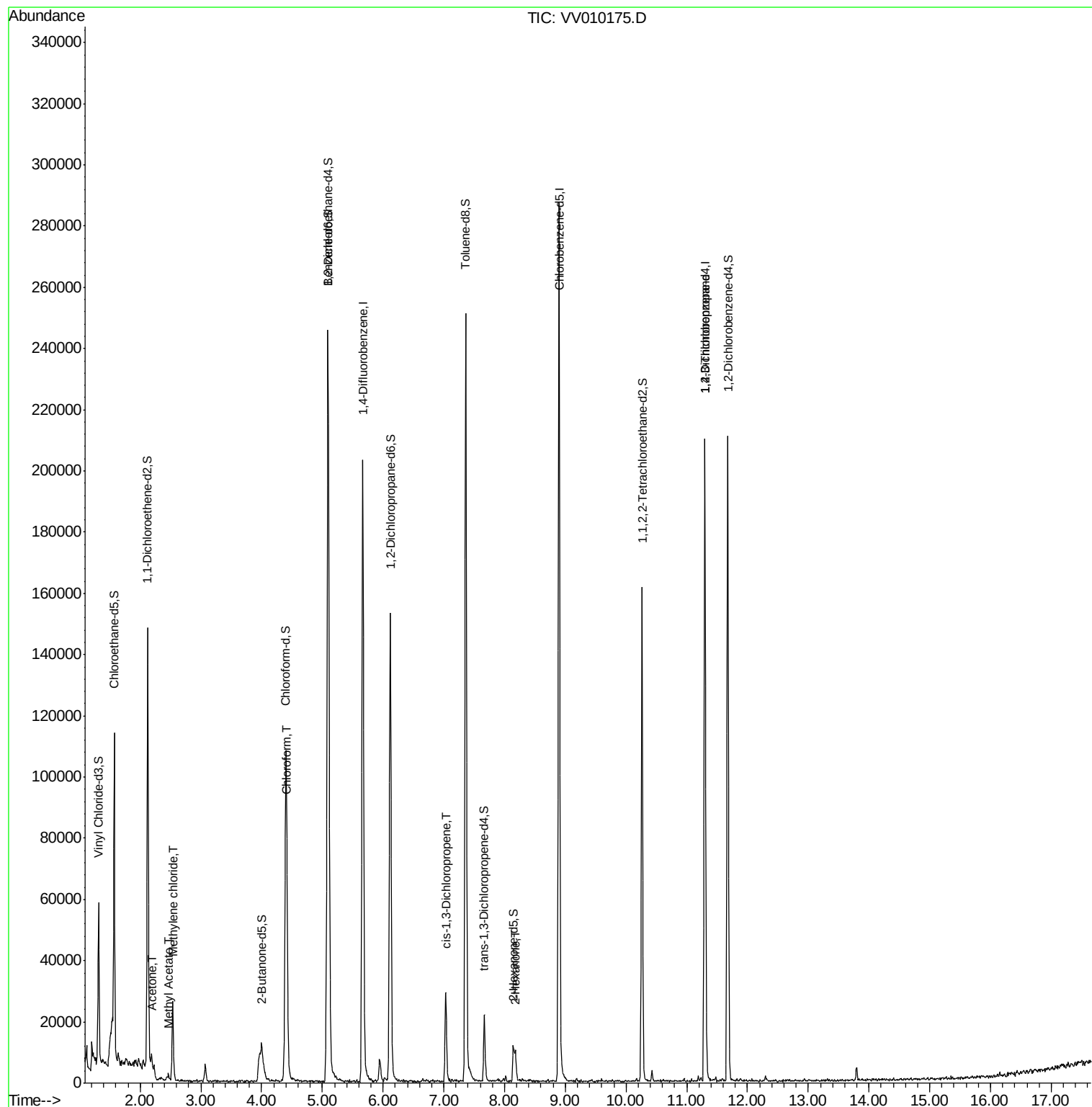
					Ovalue
13) Acetone	2.20	43	4614	6.998 ug/L	94
15) Methyl Acetate	2.47	43	1877	1.779 ug/L #	65
16) Methylene chloride	2.53	84	10757	3.498 ug/L	95
25) Chloroform	4.42	83	5156	1.295 ug/L	97
42) cis-1,3-Dichloropropene	7.03	75	796	0.283 ug/L #	50
49) 2-Hexanone	8.18	43	6102	5.936 ug/L #	46
59) 1,2,3-Trichloropropane	11.30	75	7364	4.636 ug/L	89

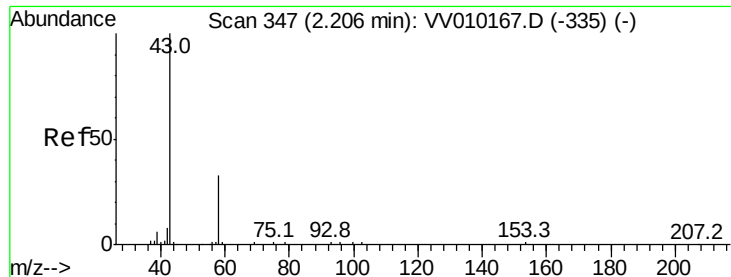
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV040819\
Data File : VV010175.D
Acq On : 08 Apr 2019 14:55
Operator : SY/MD
Sample : K2218-06
Misc : 4.61G/10mL/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF5Z6

Quant Time: Apr 09 05:35:01 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 09 05:31:28 2019
Response via : Initial Calibration





#13

Acetone

Concen: 6.998 ug/L

RT: 2.20 min Scan# 345

Delta R.T. -0.01 min

Lab File: VV010175.D

Acq: 08 Apr 2019 14:55

Instrument :

MSVOA_V

ClientSampleId :

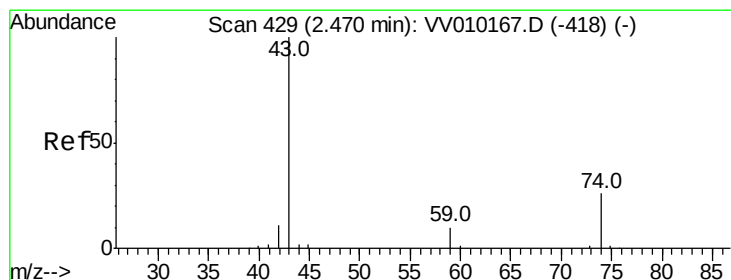
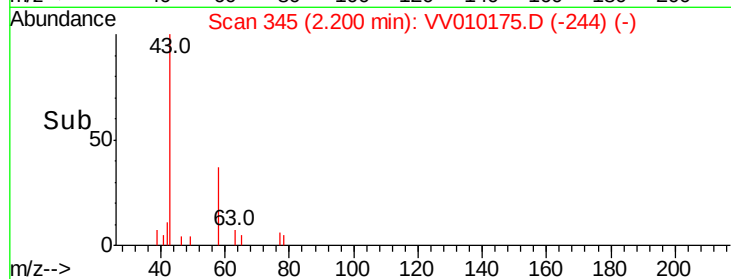
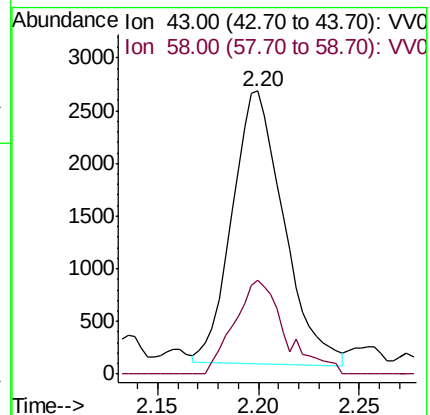
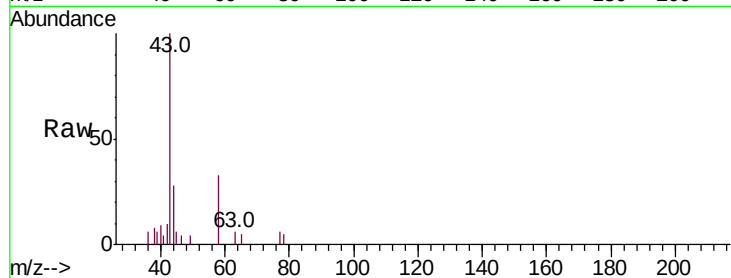
BF5Z6

Tot Ion: 43 Resp: 4614

Ion Ratio Lower Upper

43 100

58 29.0 0.0 64.6



#15

Methyl Acetate

Concen: 1.779 ug/L

RT: 2.47 min Scan# 428

Delta R.T. -0.00 min

Lab File: VV010175.D

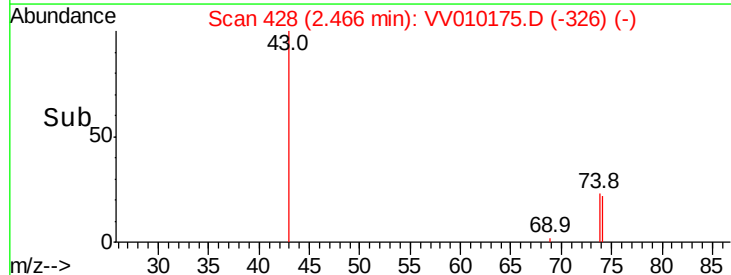
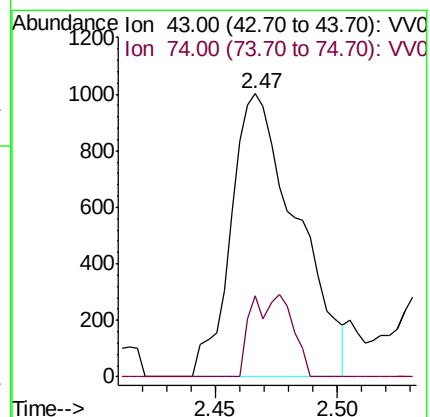
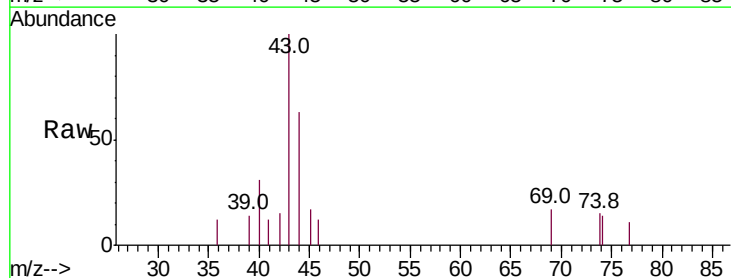
Acq: 08 Apr 2019 14:55

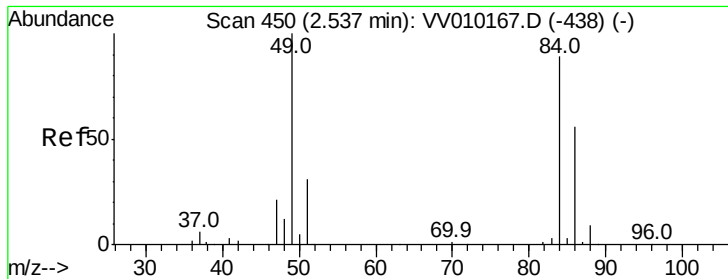
Tgt Ion: 43 Resp: 1877

Ion Ratio Lower Upper

43 100

74 7.2 20.0 30.0#

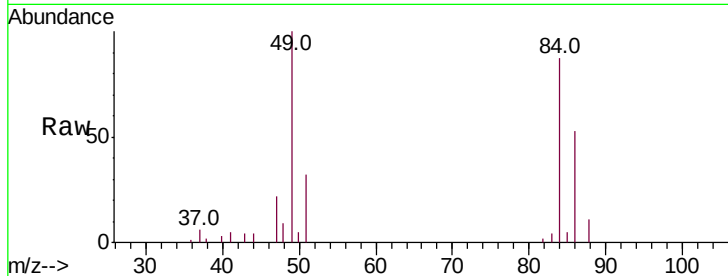




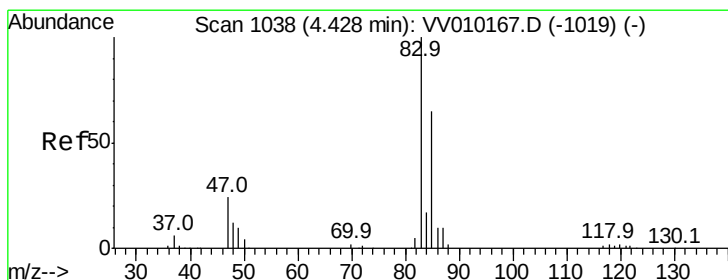
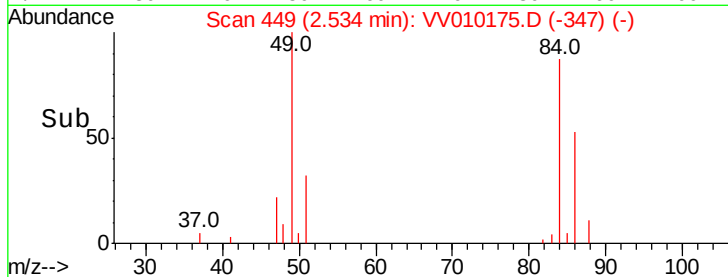
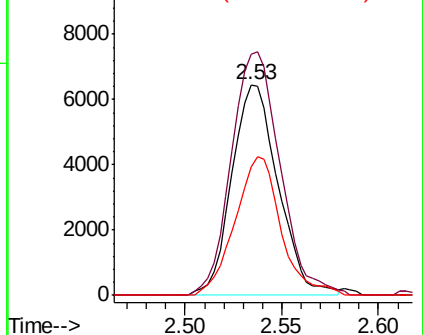
#16
Methylene chloride
Concen: 3.498 ug/L
RT: 2.53 min Scan# 449
Delta R.T. -0.00 min
Lab File: VV010175.D
Acq: 08 Apr 2019 14:55

Instrument :
MSVOA_V
ClientSampleId :
BF5Z6

Tot Ion: 84 Resp: 10757
Ion Ratio Lower Upper
84 100
49 114.4 84.3 156.5
86 61.0 45.4 84.2

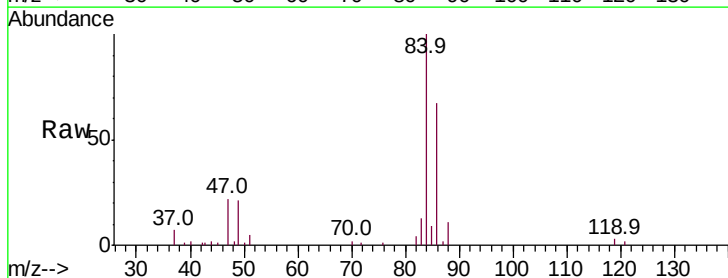


Abundance Ion 84.00 (83.70 to 84.70): VV0
Ion 49.00 (48.70 to 49.70): VV0
Ion 86.00 (85.70 to 86.70): VV0

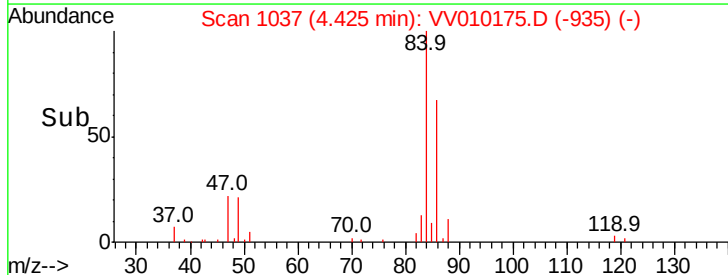
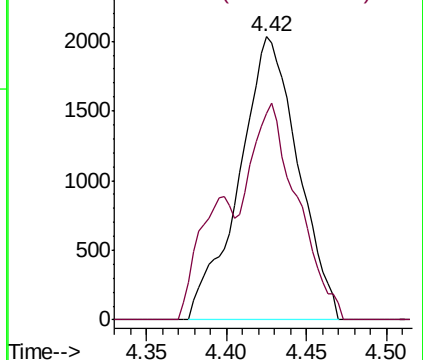


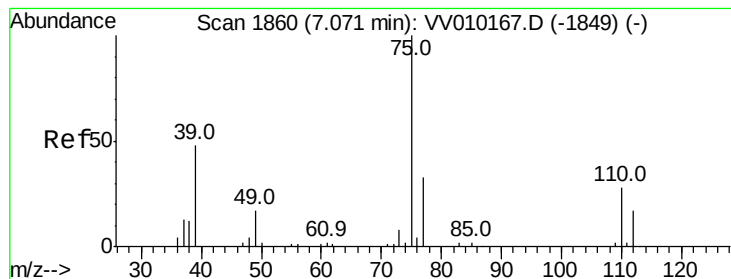
#25
Chloroform
Concen: 1.295 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VV010175.D
Acq: 08 Apr 2019 14:55

Tgt Ion: 83 Resp: 5156
Ion Ratio Lower Upper
83 100
85 63.7 46.4 86.2



Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 85.00 (84.70 to 85.70): VV0



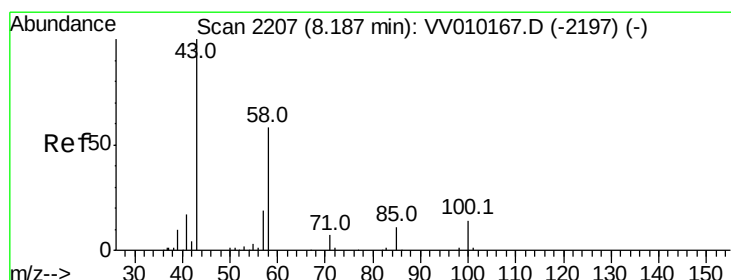
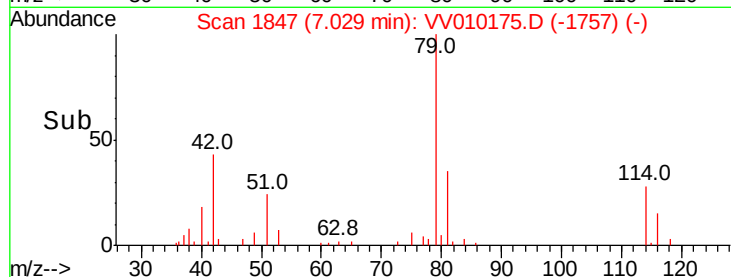
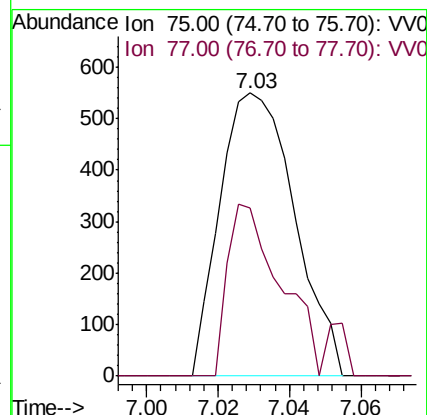
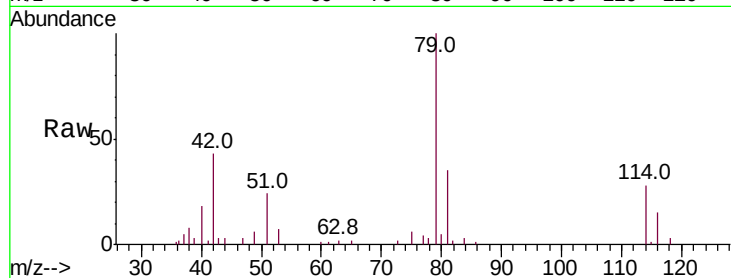


#42

cis-1,3-Dichloropropene
 Concen: 0.283 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV010175.D
 Acq: 08 Apr 2019 14:55

Instrument :
 MSVOA_V
 ClientSampleId :
 BF5Z6

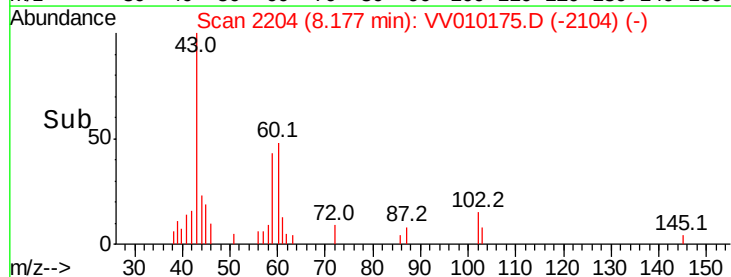
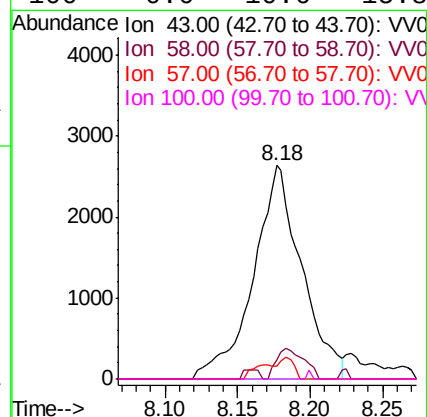
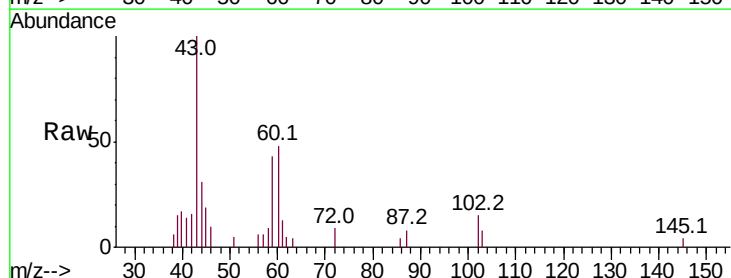
Tot Ion: 75 Resp: 796
 Ion Ratio Lower Upper
 75 100
 77 59.5 22.1 41.1#

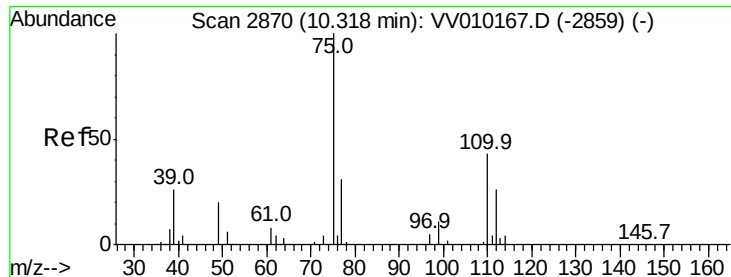


#49

2-Hexanone
 Concen: 5.936 ug/L
 RT: 8.18 min Scan# 2204
 Delta R.T. -0.01 min
 Lab File: VV010175.D
 Acq: 08 Apr 2019 14:55

Tgt Ion: 43 Resp: 6102
 Ion Ratio Lower Upper
 43 100
 58 8.1 44.3 66.5#
 57 2.8 13.8 20.8#
 100 0.0 10.6 15.8#





#59

1,2,3-Trichloropropane

Concen: 4.636 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV010175.D

Acq: 08 Apr 2019 14:55

Instrument :

MSVOA_V

ClientSampleId :

BF5Z6

Tot Ion: 75 Resp: 7364

Ion Ratio Lower Upper

75 100

77 38.6 25.8 38.8

