

Data File : VV009024.D
Acq On : 18 Dec 2018 19:43
Operator : SY/MD
Sample : J6418-15
Misc : 4.52G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BEZZ3

Quant Time: Dec 19 06:23:35 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 19 06:18:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	251260	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	222597	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	89914	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	63106	24.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.08%
7) Chloroethane-d5	1.58	69	60652	31.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	126.28%
10) 1,1-Dichloroethene-d2	2.13	63	129186	19.87	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.48%
20) 2-Butanone-d5	3.94	46	40297	42.57	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.14%
24) Chloroform-d	4.40	84	162588	26.92	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.68%
26) 1,2-Dichloroethane-d4	5.08	65	96861	29.39	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	117.56%
29) Benzene-d6	5.10	84	326534	26.26	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.04%
33) 1,2-Dichloropropane-d6	6.12	67	99903	28.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	114.80%
37) Toluene-d8	7.36	98	294592	25.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.40%
38) trans-1,3-Dichloropropene-	7.66	79	38956	25.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.88%
39) 2-Hexanone-d5	8.14	63	24510	38.44	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.88%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	69255	23.72	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.88%
61) 1,2-Dichlorobenzene-d4	11.67	152	87295	25.87	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.48%

Target Compounds

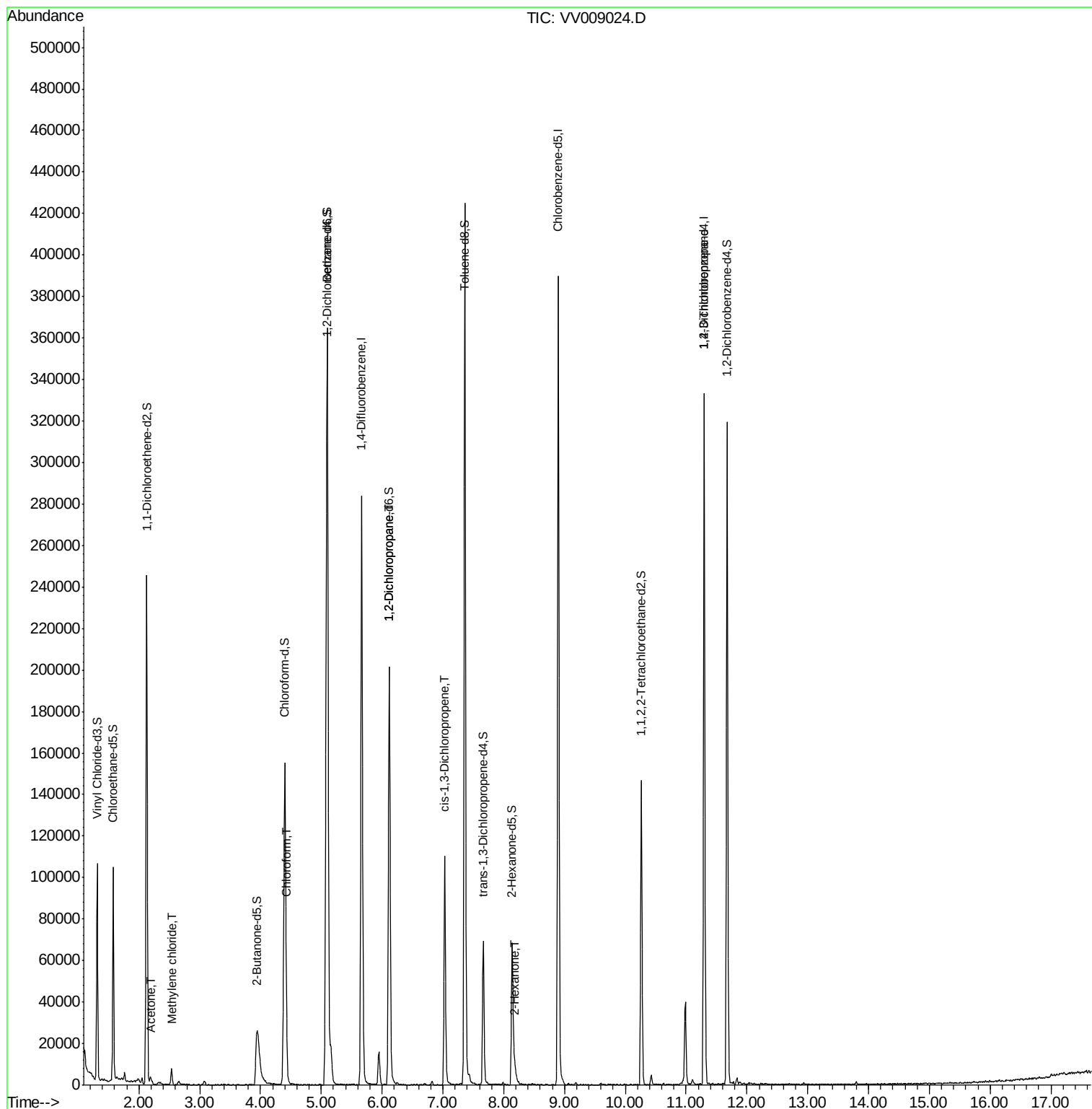
					Qvalue
13) Acetone	2.20	43	2549	1.828 ug/L	97
16) Methylene chloride	2.53	84	3095	0.731 ug/L	95
25) Chloroform	4.43	83	3860	0.634 ug/L	97
40) 1,2-Dichloropropane	6.12	63	11335	3.541 ug/L #	85
42) cis-1,3-Dichloropropene	7.03	75	3081	0.657 ug/L	87
49) 2-Hexanone	8.19	43	2932	1.638 ug/L #	55
59) 1,2,3-Trichloropropane	11.30	75	9513	3.813 ug/L	90

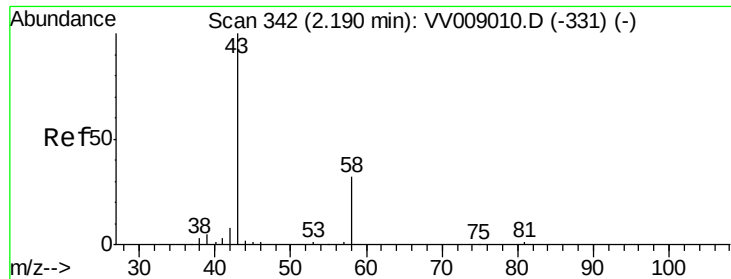
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.828 ug/L

RT: 2.20 min Scan# 345

Delta R.T. 0.01 min

Lab File: VV009024.D

Acq: 18 Dec 2018 19:43

Instrument :

MSVOA_V

ClientSampled :

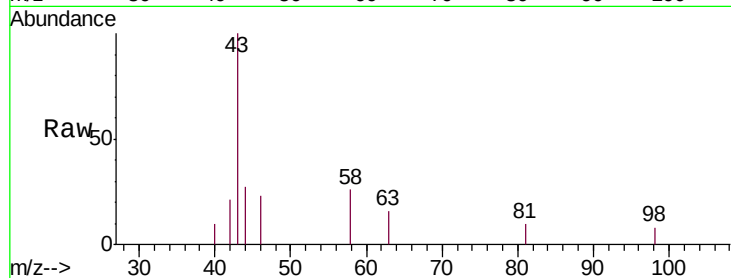
BEZZ3

Tgt Ion: 43 Resp: 2549

Ion Ratio Lower Upper

43 100

58 31.1 0.0 65.4



Abundance Ion 43.00 (42.70 to 43.70): VV009010.D (-331) (-)

Ion 58.00 (57.70 to 58.70): VV009010.D (-331) (-)

1500

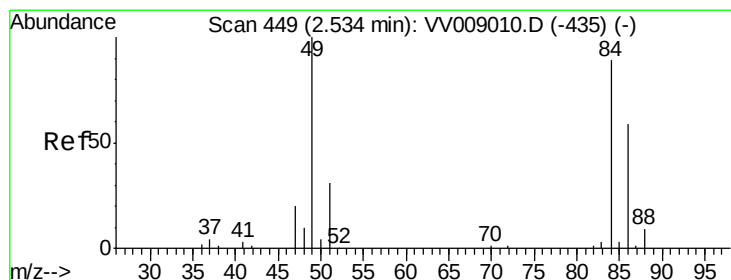
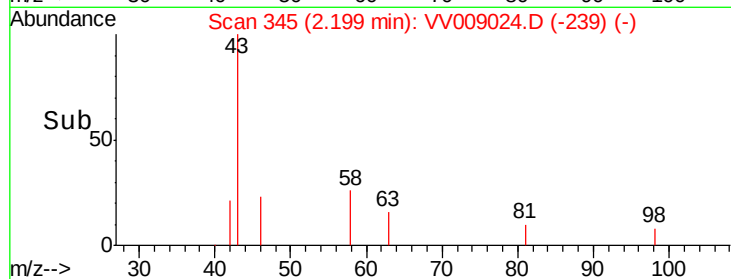
1000

500

0

2.15 2.20 2.25

Time-->



#16

Methylene chloride

Concen: 0.731 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

Lab File: VV009024.D

Acq: 18 Dec 2018 19:43

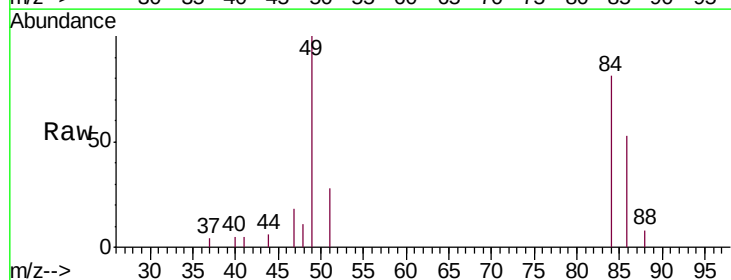
Tgt Ion: 84 Resp: 3095

Ion Ratio Lower Upper

84 100

49 123.5 80.5 149.5

86 65.8 45.5 84.5



Abundance Ion 84.00 (83.70 to 84.70): VV009010.D (-435) (-)

Ion 49.00 (48.70 to 49.70): VV009010.D (-435) (-)

Ion 86.00 (85.70 to 86.70): VV009010.D (-435) (-)

3000

2500

2000

1500

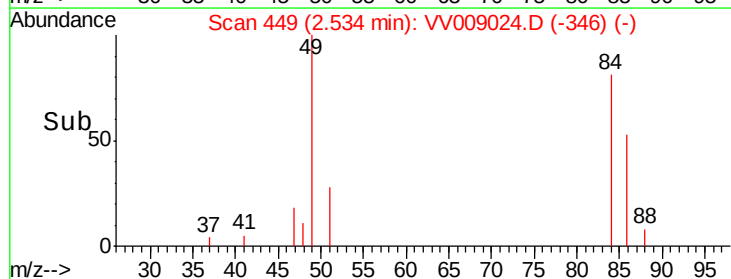
1000

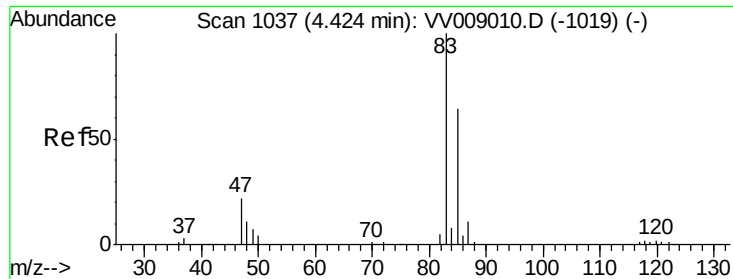
500

0

2.50 2.53 2.55

Time-->

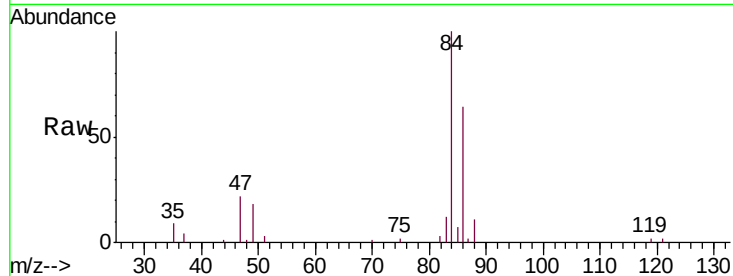




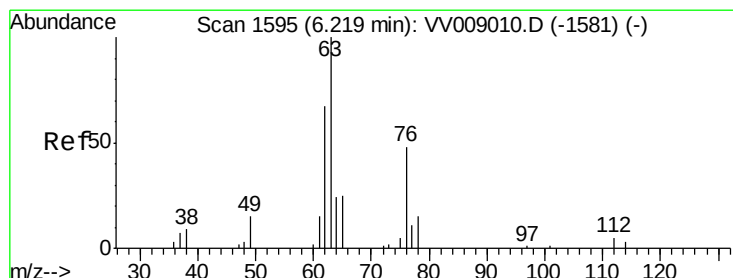
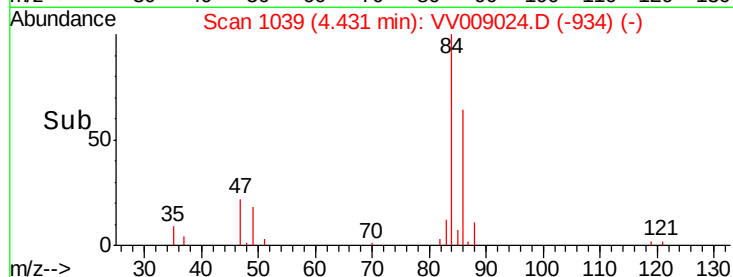
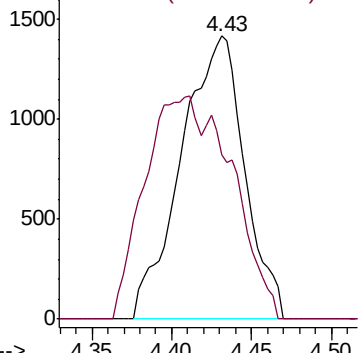
#25
Chloroform
Concen: 0.634 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. 0.01 min
Lab File: VV009024.D
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Instrument :
MSVOA_V
ClientSampleId :
BEZZ3

Tgt Ion: 83 Resp: 3860
Ion Ratio Lower Upper
83 100
85 67.5 45.6 84.8

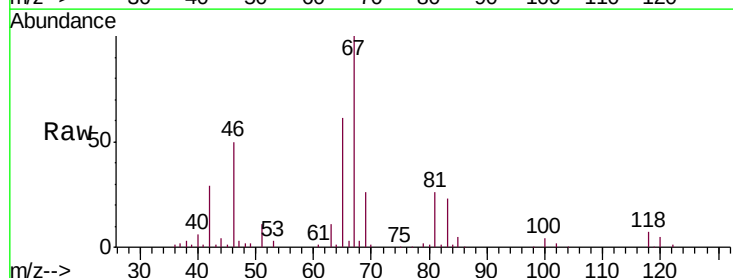


Abundance Ion 83.00 (82.70 to 83.70): VV009010.D (-1019) (-)
Ion 85.00 (84.70 to 85.70): VV009010.D (-1019) (-)

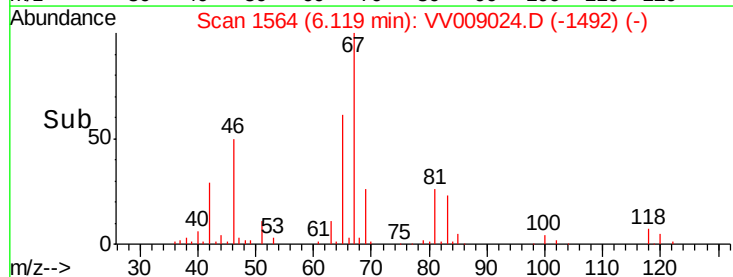
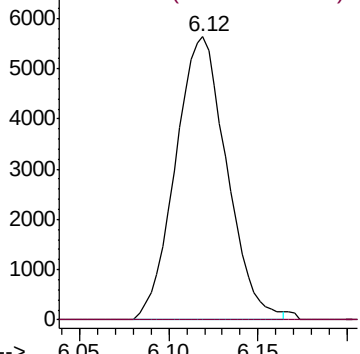


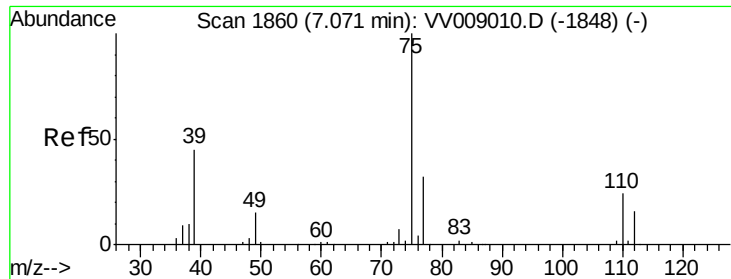
#40
1,2-Dichloropropane
Concen: 3.541 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV009024.D
Acq: 18 Dec 2018 19:43

Tgt Ion: 63 Resp: 11335
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#



Abundance Ion 63.00 (62.70 to 63.70): VV009010.D (-1581) (-)
Ion 112.00 (111.70 to 112.70): VV009010.D (-1581) (-)



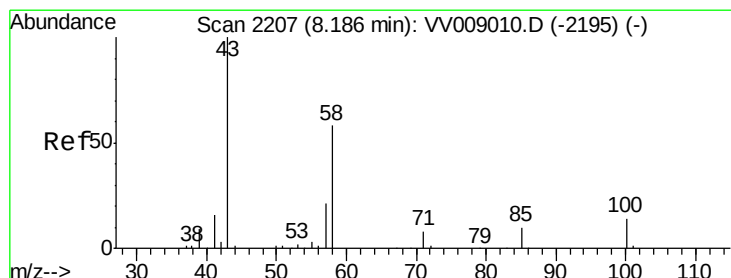
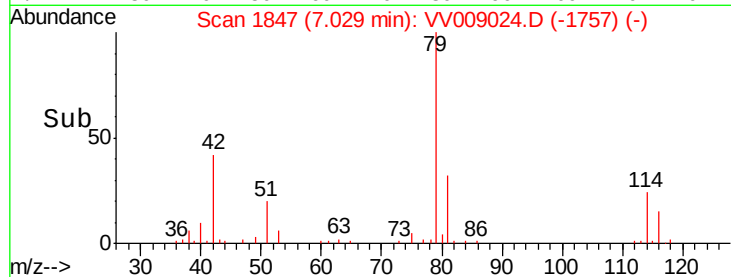
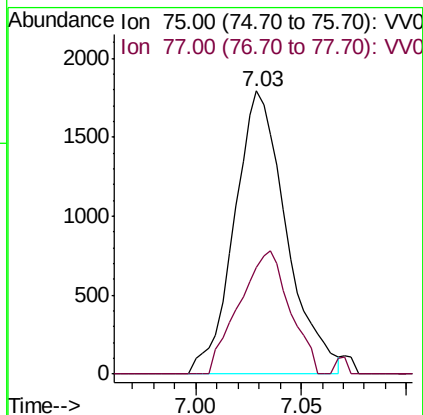
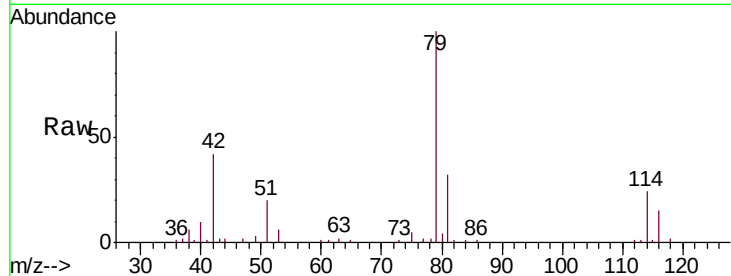


#42

cis-1,3-Dichloropropene
 Concen: 0.657 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV009024.D
 Acq: 18 Dec 2018 19:43

Instrument :
 MSVOA_V
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 BEZZ3

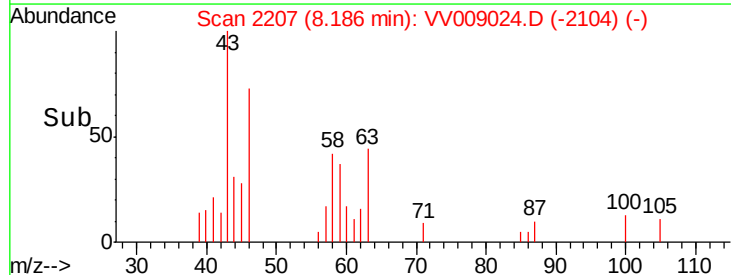
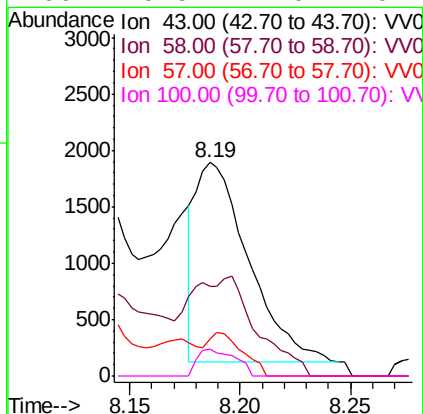
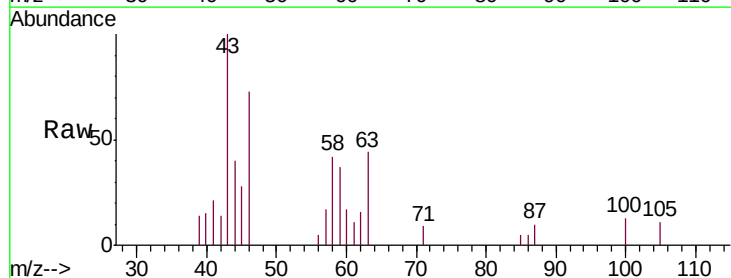
Tgt Ion: 75 Resp: 3081
 Ion Ratio Lower Upper
 75 100
 77 37.7 21.3 39.6

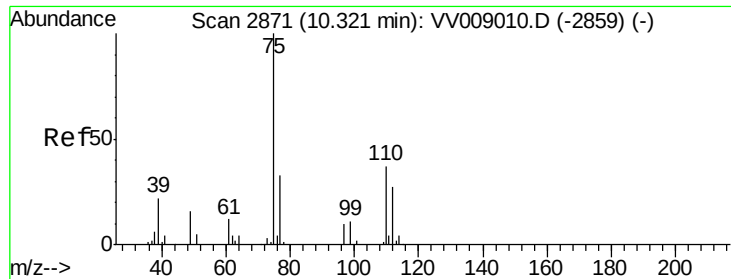


#49

2-Hexanone
 Concen: 1.638 ug/L
 RT: 8.19 min Scan# 2207
 Delta R.T. 0.00 min
 Lab File: VV009024.D
 Acq: 18 Dec 2018 19:43

Tgt Ion: 43 Resp: 2932
 Ion Ratio Lower Upper
 43 100
 58 8.1 43.9 65.9#
 57 13.7 15.7 23.5#
 100 9.5 11.0 16.4#





#59
 1,2,3-Trichloropropane
 Concen: 3.813 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. 0.97 min
 Lab File: VV009024.D
 Acq: 18 Dec 2018 19:43

Instrument :
 MSVOA_V
 ClientSampleId :
 BEZZ3

Tgt Ion: 75 Resp: 9513
 Ion Ratio Lower Upper
 75 100
 77 37.8 25.6 38.4

