

Data File : VV009016.D
Acq On : 18 Dec 2018 16:25
Operator : SY/MD
Sample : J6418-05
Misc : 4.97G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BEZZ4

Quant Time: Dec 19 06:22:19 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	277411	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	234740	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	91000	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	75704	26.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.48%
7) Chloroethane-d5	1.58	69	73066	34.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	137.80%
10) 1,1-Dichloroethene-d2	2.13	63	201612	28.09	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	112.36%#
20) 2-Butanone-d5	3.94	46	44066	42.16	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.32%
24) Chloroform-d	4.40	84	180999	27.14	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	108.56%
26) 1,2-Dichloroethane-d4	5.08	65	105778	29.07	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	116.28%
29) Benzene-d6	5.10	84	368859	28.13	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	112.52%
33) 1,2-Dichloropropane-d6	6.12	67	108103	29.45	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	117.80%
37) Toluene-d8	7.36	98	328070	27.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	108.16%
38) trans-1,3-Dichloropropene-	7.67	79	45002	27.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	111.64%
39) 2-Hexanone-d5	8.14	63	25777	38.34	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.68%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	71690	23.28	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.12%
61) 1,2-Dichlorobenzene-d4	11.68	152	92583	27.11	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.44%

Target Compounds

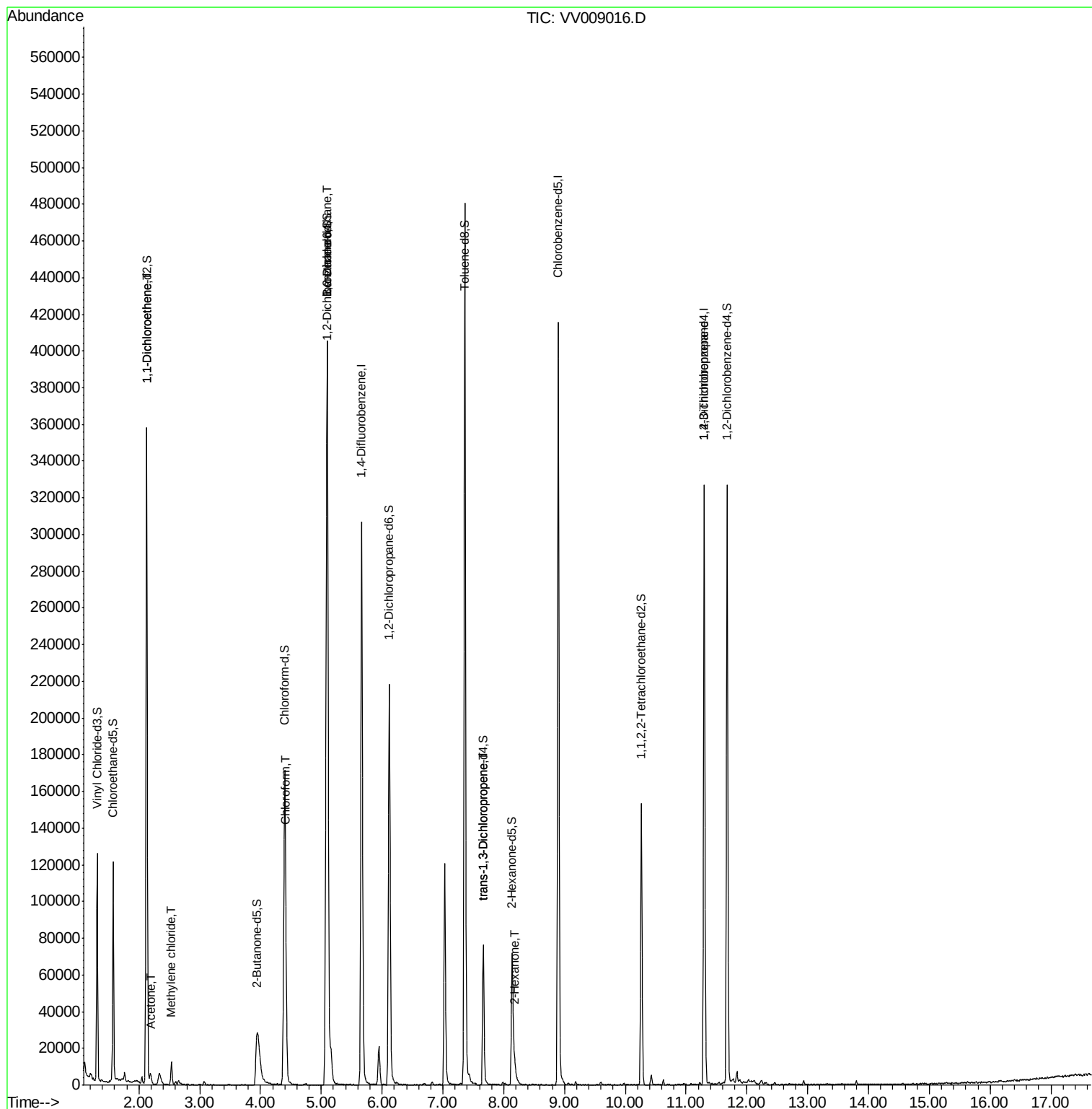
					Qvalue	
12) 1,1-Dichloroethene	2.13	96	1614	0.451	ug/L #	1
13) Acetone	2.20	43	3083	2.002	ug/L	90
16) Methylene chloride	2.53	84	5506	1.179	ug/L	91
25) Chloroform	4.42	83	4258	0.633	ug/L	96
27) 1,2-Dichloroethane	5.10	62	2049	0.447	ug/L #	75
45) trans-1,3-Dichloropropene	7.66	75	2158	0.501	ug/L	96
49) 2-Hexanone	8.18	43	5432	2.878	ug/L #	79
59) 1,2,3-Trichloropropane	11.30	75	9792	3.722	ug/L	90

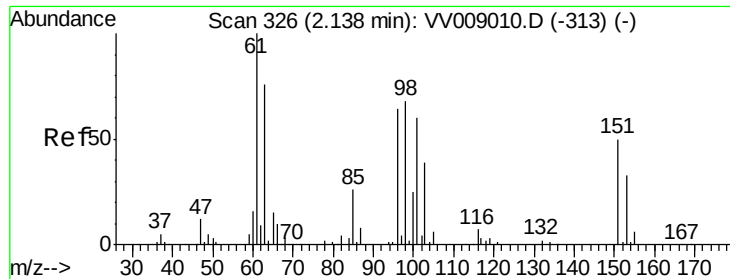
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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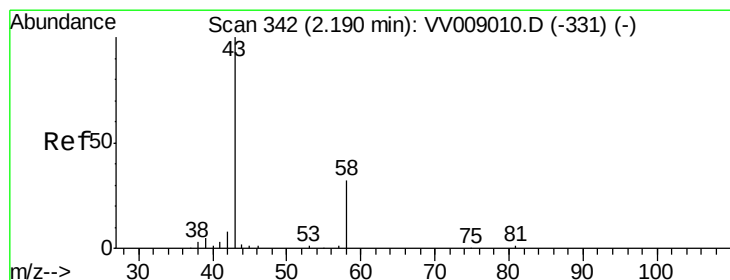
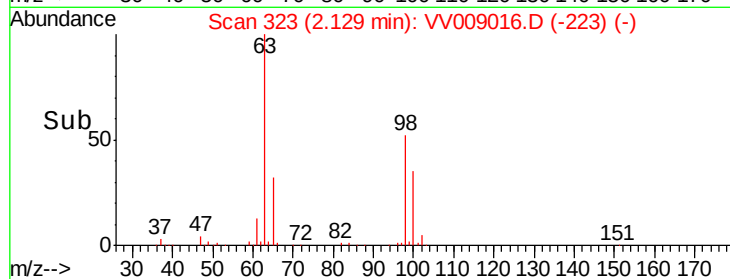
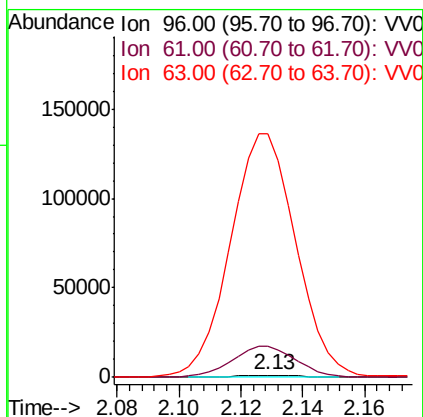
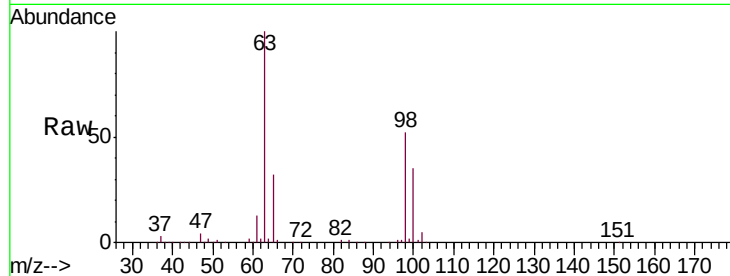




#12
 1,1-Dichloroethene
 Concen: 0.451 ug/L
 RT: 2.13 min Scan# 323
 Delta R.T. -0.01 min
 Lab File: VV009016.D
 Acq: 18 Dec 2018 16:25

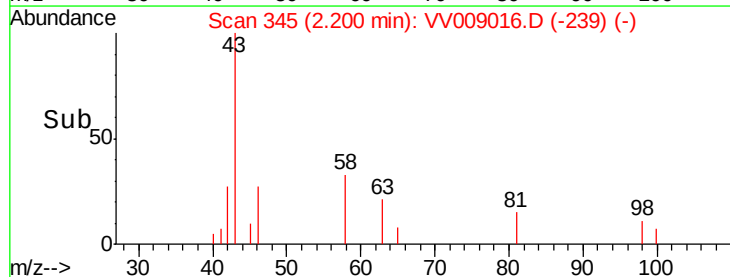
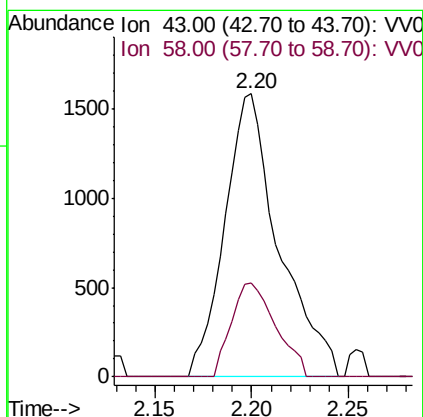
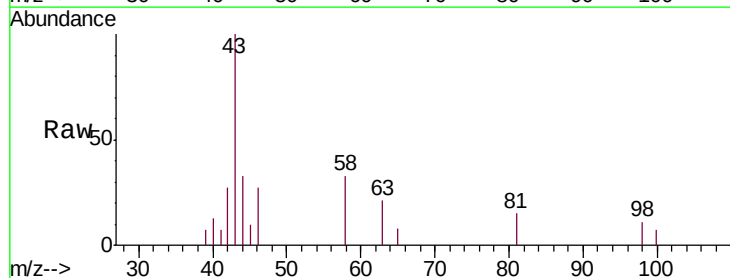
Instrument :
 MSVOA_V
 ClientSampled :
 BEZZ4

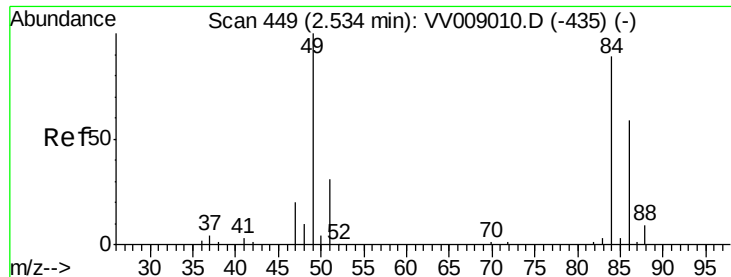
Tgt Ion: 96 Resp: 1614
 Ion Ratio Lower Upper
 96 100
 61 1441.3 114.0 211.6#
 63 11275.7 82.4 153.0#



#13
 Acetone
 Concen: 2.002 ug/L
 RT: 2.20 min Scan# 345
 Delta R.T. 0.01 min
 Lab File: VV009016.D
 Acq: 18 Dec 2018 16:25

Tgt Ion: 43 Resp: 3083
 Ion Ratio Lower Upper
 43 100
 58 27.2 0.0 65.4

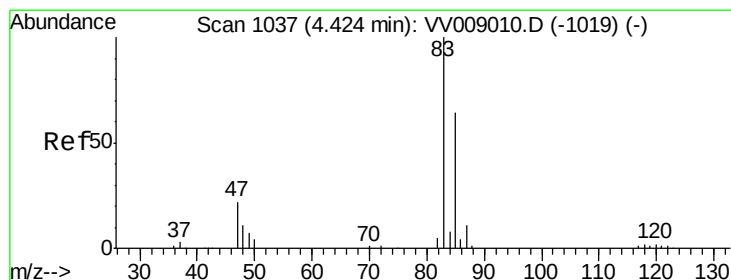
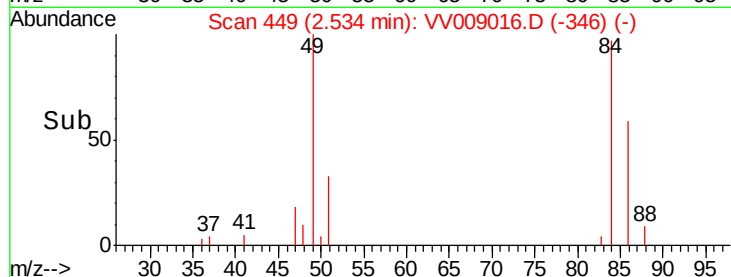
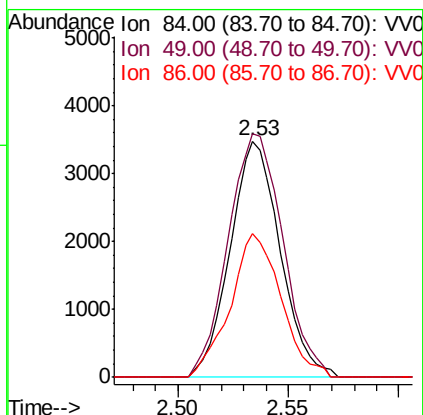
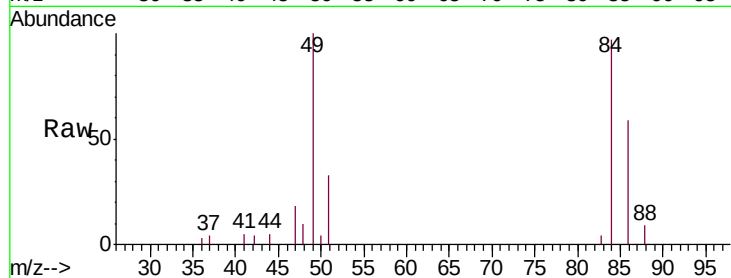




#16
Methylene chloride
Concen: 1.179 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV009016.D
Acq: 18 Dec 2018 16:25

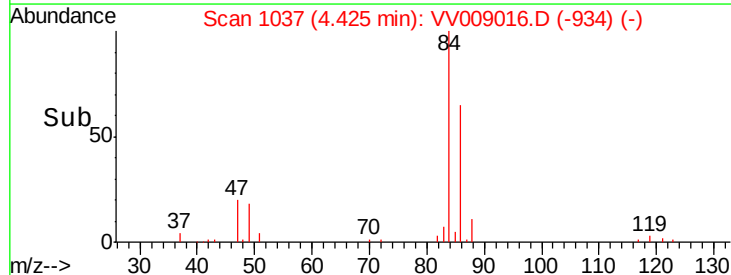
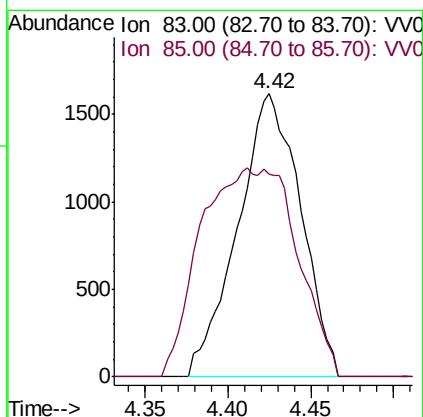
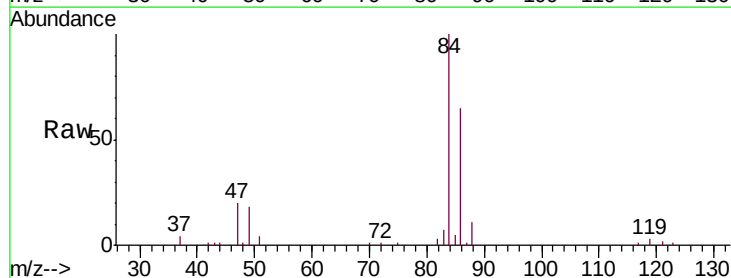
Instrument :
MSVOA_V
ClientSampleId :
BEZZ4

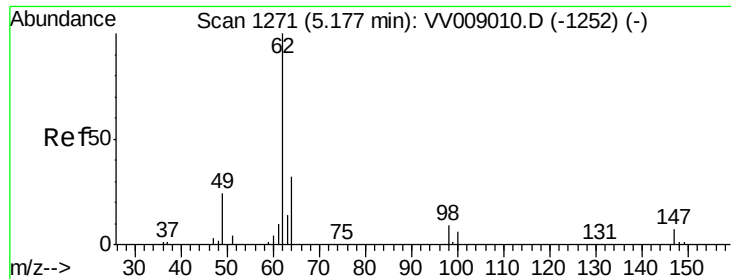
Tgt Ion: 84 Resp: 5506
Ion Ratio Lower Upper
84 100
49 103.1 80.5 149.5
86 60.7 45.5 84.5



#25
Chloroform
Concen: 0.633 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV009016.D
Acq: 18 Dec 2018 16:25

Tgt Ion: 83 Resp: 4258
Ion Ratio Lower Upper
83 100
85 68.1 45.6 84.8

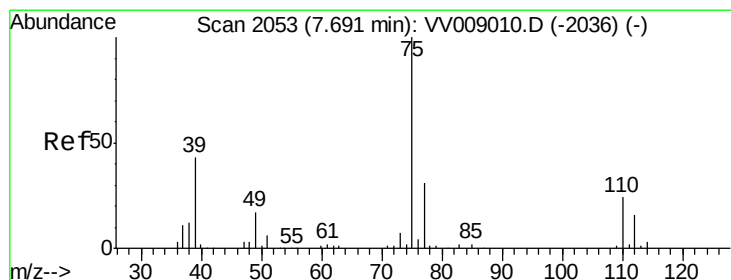
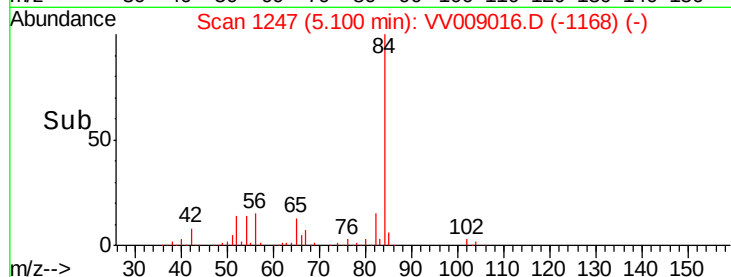
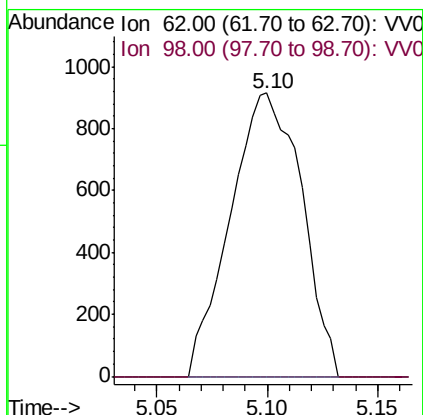
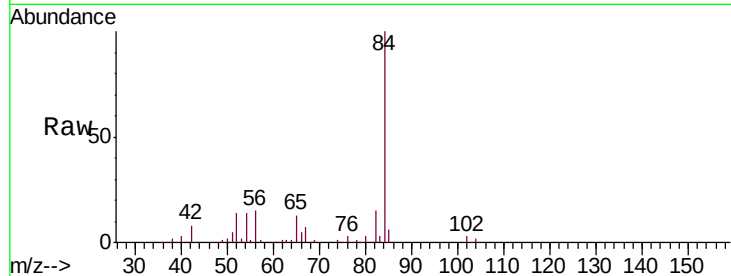




#27
 1,2-Dichloroethane
 Concen: 0.447 ug/L
 RT: 5.10 min Scan# 1247
 Delta R.T. -0.08 min
 Lab File: VV009016.D
 Acq: 18 Dec 2018 16:25

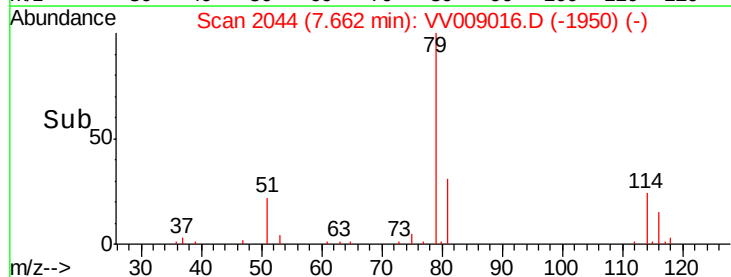
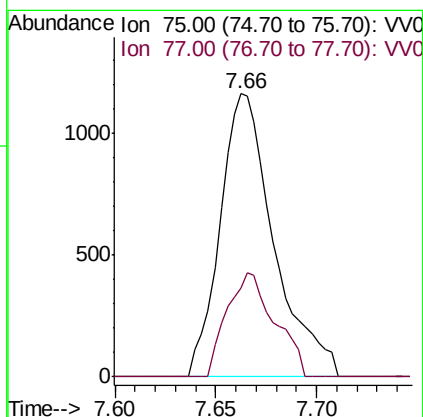
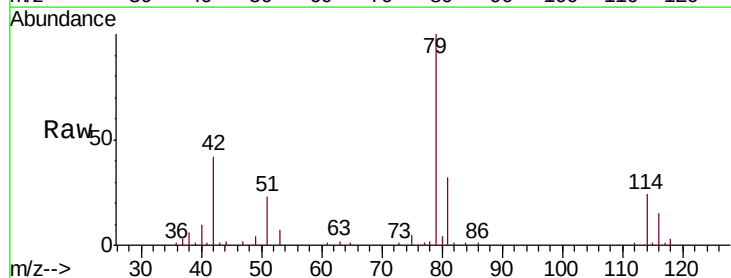
Instrument :
 MSVOA_V
 ClientSampleId :
 BEZZ4

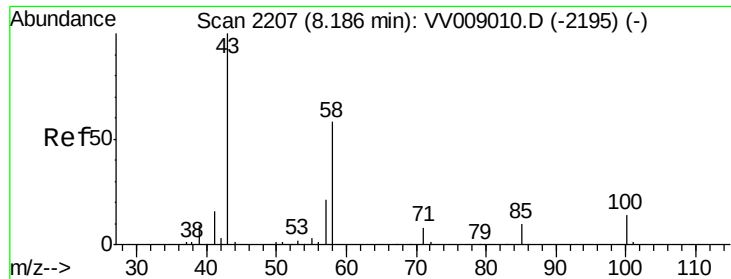
Tgt Ion: 62 Resp: 2049
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.4 11.0#



#45
 trans-1,3-Dichloropropene
 Concen: 0.501 ug/L
 RT: 7.66 min Scan# 2044
 Delta R.T. -0.03 min
 Lab File: VV009016.D
 Acq: 18 Dec 2018 16:25

Tgt Ion: 75 Resp: 2158
 Ion Ratio Lower Upper
 75 100
 77 31.3 23.6 43.8

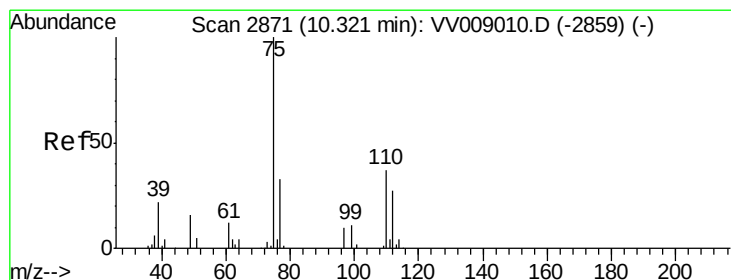
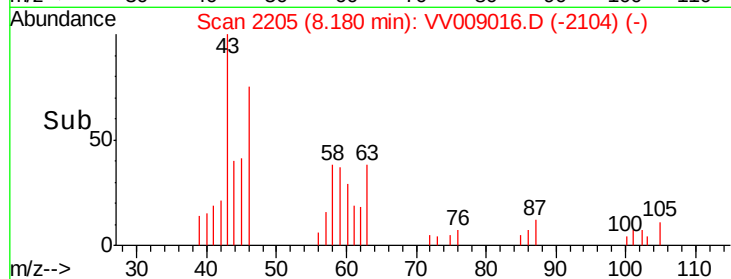
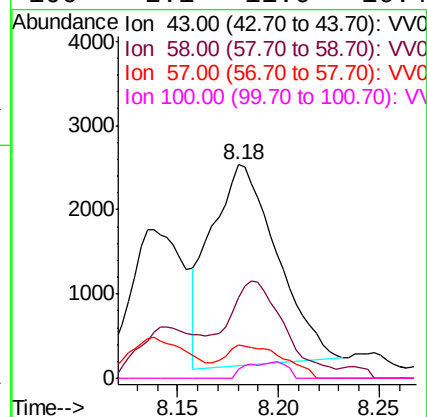
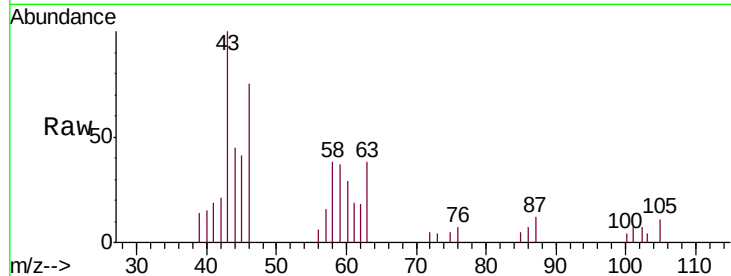




#49
2-Hexanone
Concen: 2.878 ug/L
RT: 8.18 min Scan# 2205
Delta R.T. -0.01 min
Lab File: VV009016.D
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Instrument :
MSVOA_V
ClientSampleId :
BEZZ4

Tgt Ion: 43 Resp: 5432
Ion Ratio Lower Upper
43 100
58 39.1 43.9 65.9#
57 14.6 15.7 23.5#
100 2.1 11.0 16.4#



#59
1,2,3-Trichloropropane
Concen: 3.722 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.97 min
Lab File: VV009016.D
Acq: 18 Dec 2018 16:25

Tgt Ion: 75 Resp: 9792
Ion Ratio Lower Upper
75 100
77 37.6 25.6 38.4

