

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092618\
 Data File : VV007880.D
 Acq On : 26 Sep 2018 13:43
 Operator : SY/MD
 Sample : J5043-21
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 27 04:55:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092518WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 27 04:55:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	171715	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	165713	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	83176	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	45135	41.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.86%
7) Chloroethane-d5	1.59	69	42642	45.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.74%
11) 1,1-Dichloroethene-d2	2.14	63	79555	34.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.38%
21) 2-Butanone-d5	3.96	46	78121	107.68	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.68%
24) Chloroform-d	4.41	84	108264	48.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.84%
26) 1,2-Dichloroethane-d4	5.09	65	82153	51.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.06%
32) Benzene-d6	5.11	84	217094	48.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.84%
36) 1,2-Dichloropropane-d6	6.13	67	71719	51.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.20%
41) Toluene-d8	7.36	98	209065	46.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.48%
43) trans-1,3-Dichloropropene-	7.67	79	30960	46.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.58%
47) 2-Hexanone-d5	8.14	63	64015	109.07	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.07%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	104087	50.74	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.48%
64) 1,2-Dichlorobenzene-d4	11.68	152	94153	50.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.84%

Target Compounds

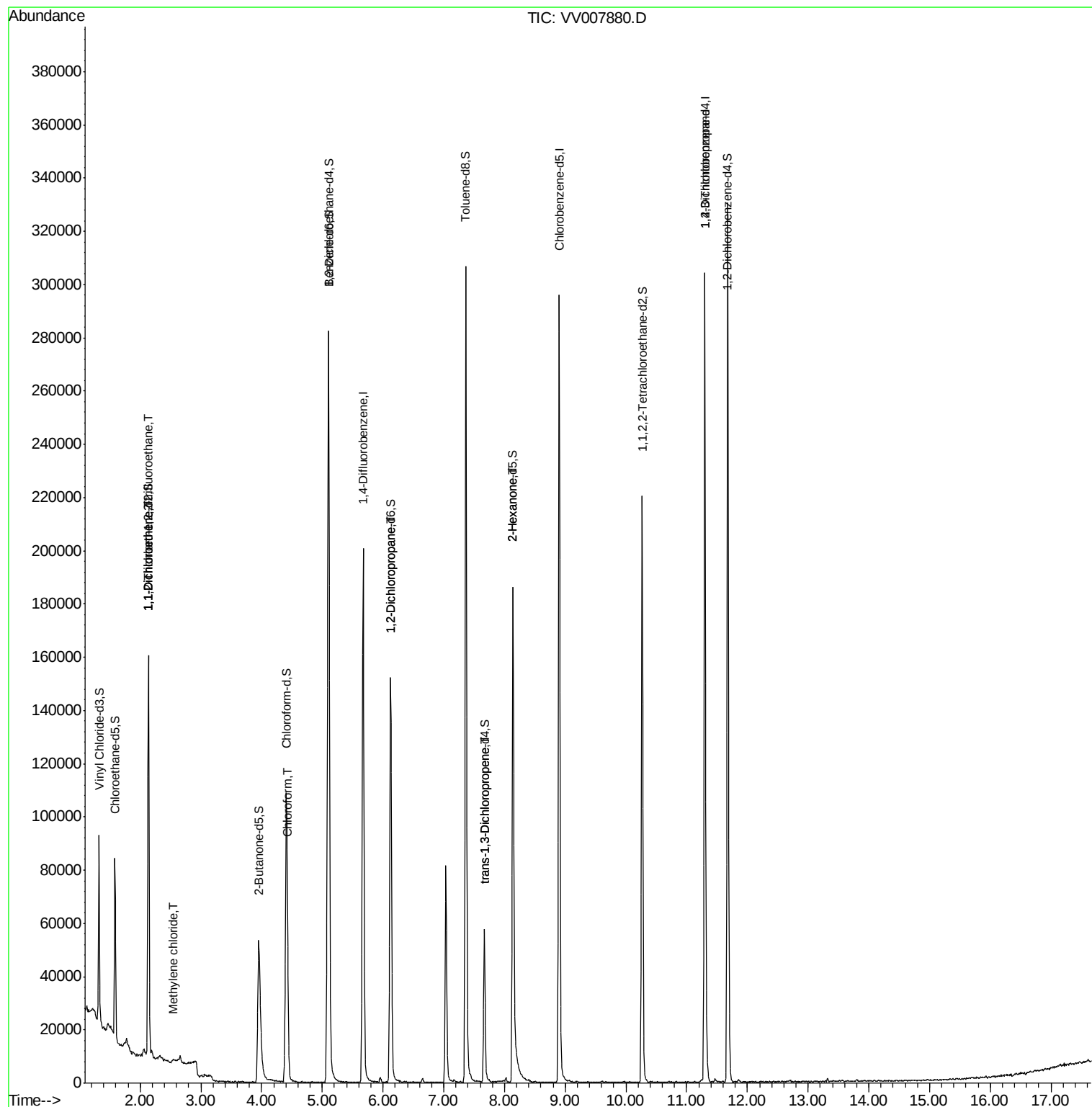
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	698	0.593 ug/L #	15
12) 1,1-Dichloroethene	2.14	96	678	0.642 ug/L #	1
16) Methylene chloride	2.54	84	471	0.403 ug/L	78
25) Chloroform	4.43	83	5933	2.584 ug/L	95
37) 1,2-Dichloropropane	6.13	63	8431	7.095 ug/L #	88
44) trans-1,3-Dichloropropene	7.67	75	1641	0.957 ug/L #	79
48) 2-Hexanone	8.14	43	8632	6.503 ug/L #	71
59) 1,2,3-Trichloropropane	11.30	75	8915	5.635 ug/L	90

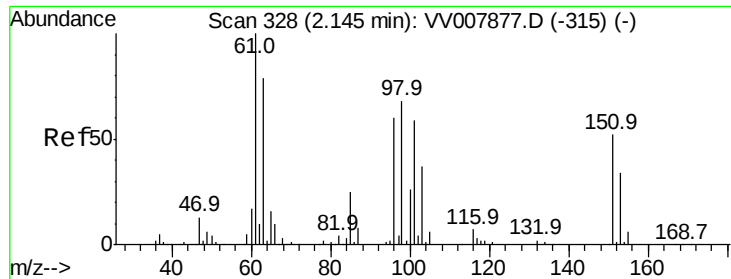
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Sep 27 04:55:01 2018
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.593 ug/L

RT: 2.14 min Scan# 327

Delta R.T. -0.00 min

Lab File: VV007880.D

Acq: 26 Sep 2018 13:43

Instrument :

MSVOA_V

ClientSampleId :

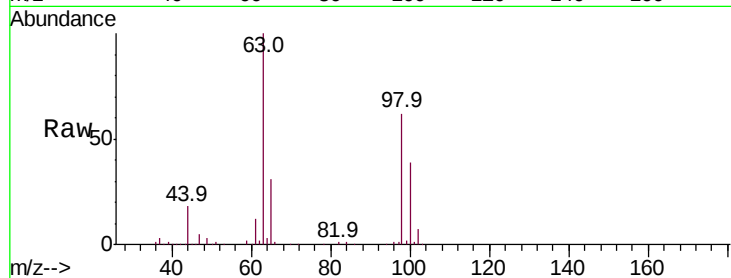
Tot Ion:101 Resp: 698

Ion Ratio Lower Upper

101 100

85 0.0 34.2 51.2#

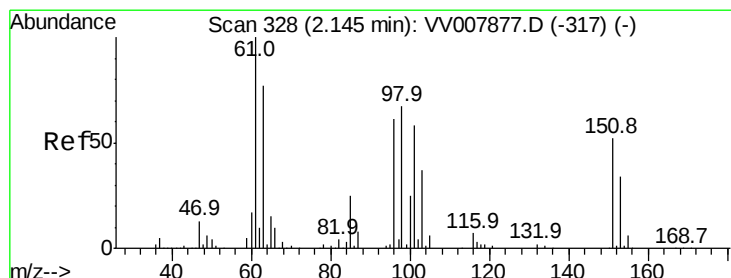
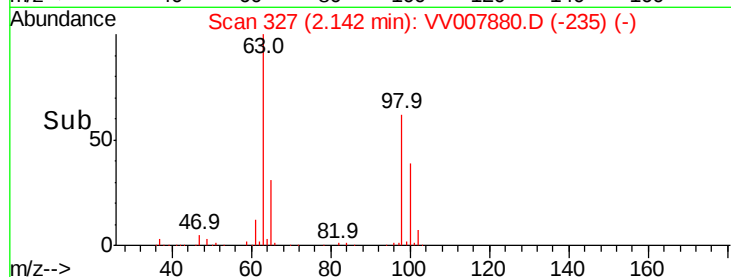
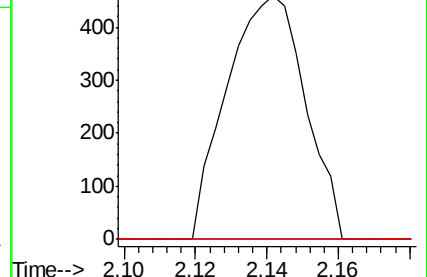
151 0.0 69.7 104.5#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.642 ug/L

RT: 2.14 min Scan# 325

Delta R.T. -0.01 min

Lab File: VV007880.D

Acq: 26 Sep 2018 13:43

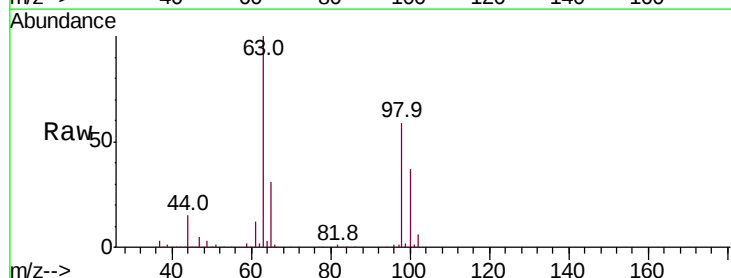
Tgt Ion: 96 Resp: 678

Ion Ratio Lower Upper

96 100

61 1259.1 116.1 215.7#

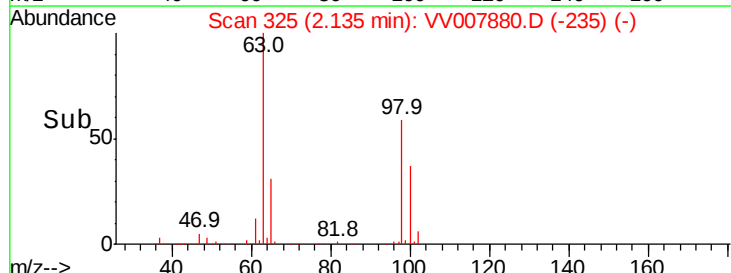
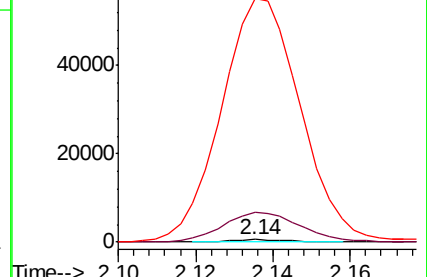
63 10355.0 86.5 160.7#

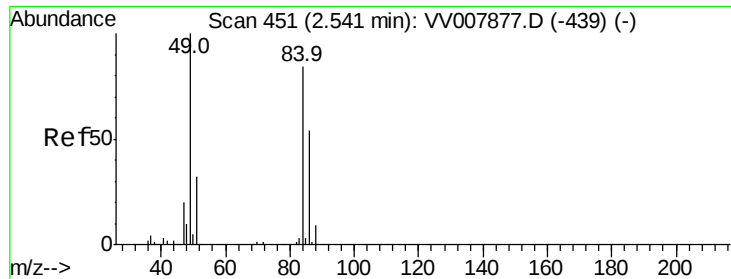


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0

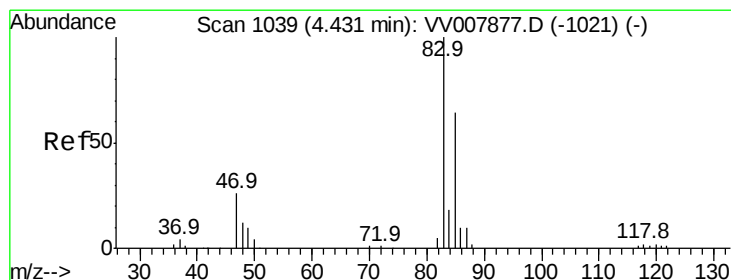
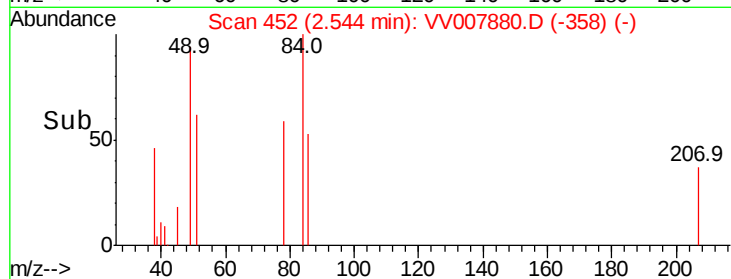
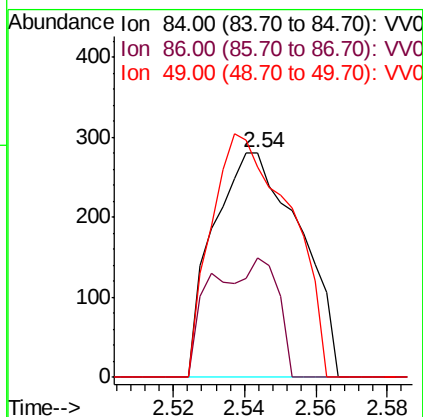
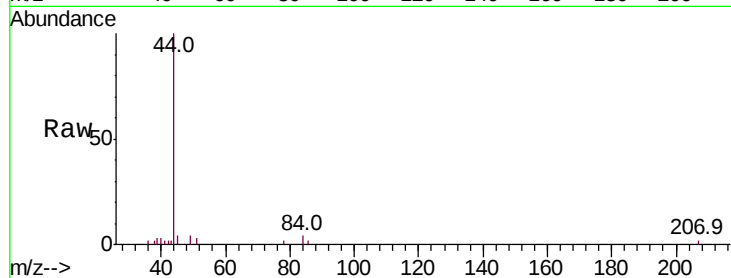




#16
Methylene chloride
Concen: 0.403 ug/L
RT: 2.54 min Scan# 452
Delta R.T. 0.00 min
Lab File: VV007880.D
Acq: 26 Sep 2018 13:43

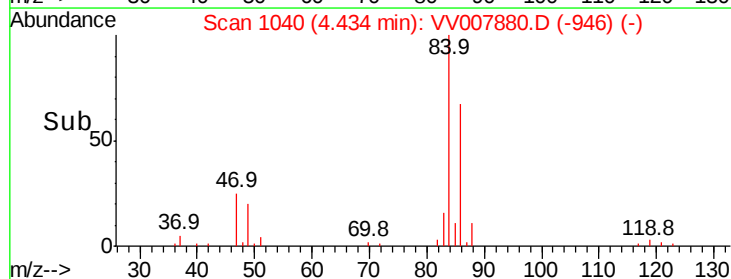
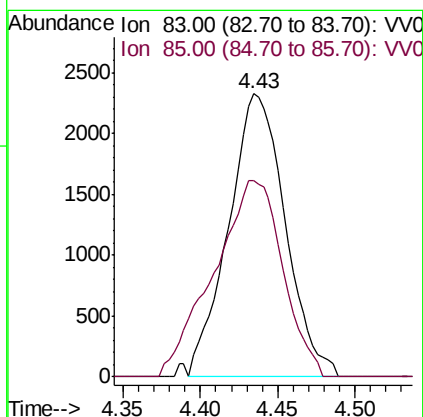
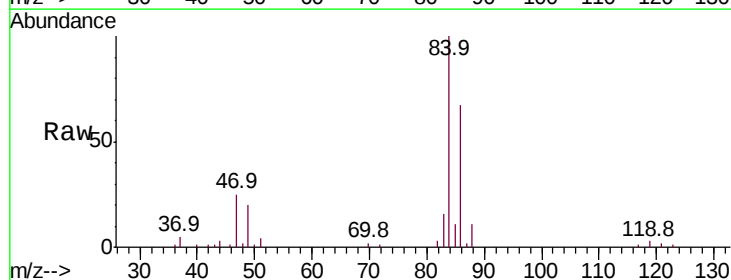
Instrument :
MSVOA_V
ClientSampleId :

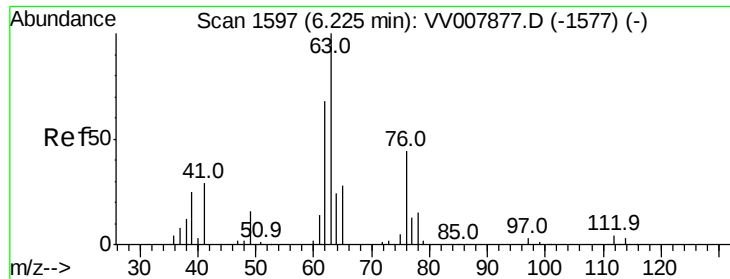
Tot Ion: 84 Resp: 471
Ion Ratio Lower Upper
84 100
86 53.0 44.4 82.4
49 93.6 86.8 161.2



#25
Chloroform
Concen: 2.584 ug/L
RT: 4.43 min Scan# 1040
Delta R.T. 0.00 min
Lab File: VV007880.D
Acq: 26 Sep 2018 13:43

Tgt Ion: 83 Resp: 5933
Ion Ratio Lower Upper
83 100
85 69.5 45.9 85.3

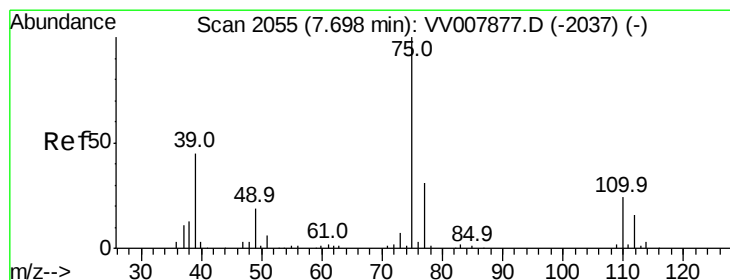
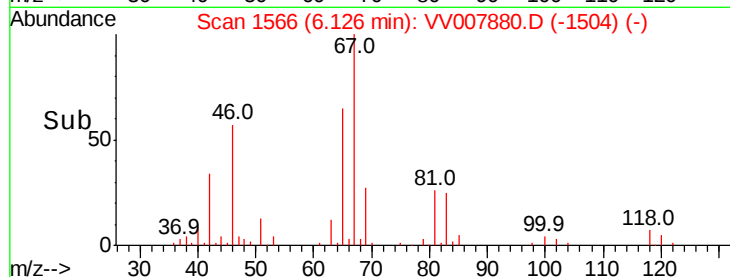
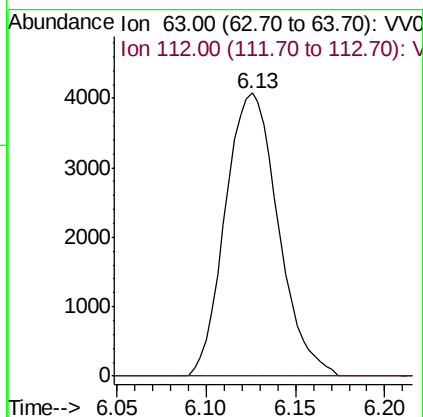
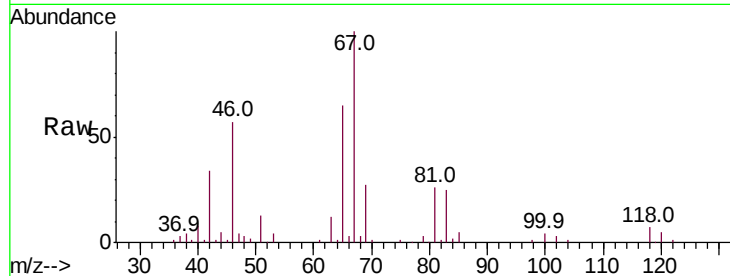




#37
 1,2-Dichloropropane
 Concen: 7.095 ug/L
 RT: 6.13 min Scan# 1566
 Delta R.T. -0.10 min
 Lab File: VV007880.D
 Acq: 26 Sep 2018 13:43

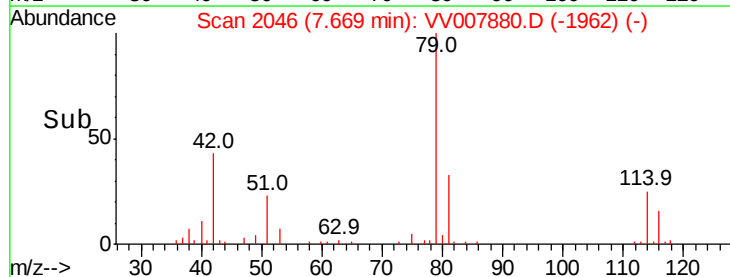
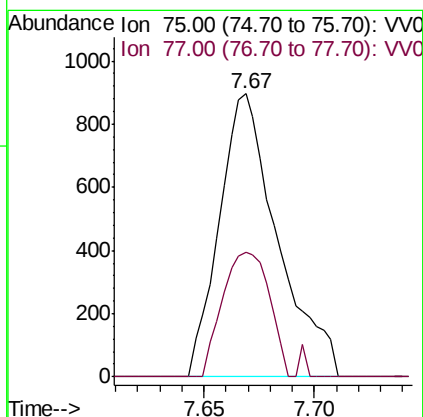
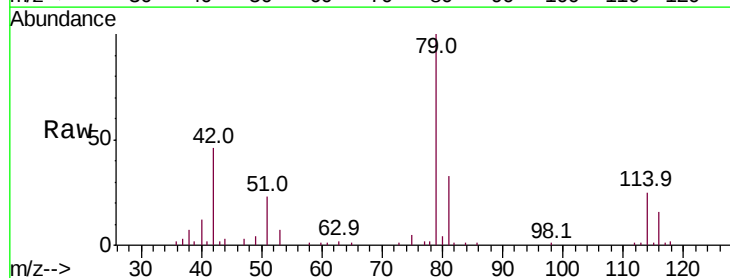
Instrument :
 MSVOA_V
 ClientSampleId :

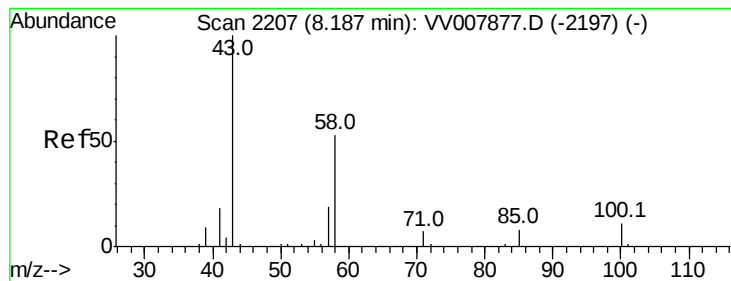
Tot Ion: 63 Resp: 8431
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.3 4.9#



#44
 trans-1,3-Dichloropropene
 Concen: 0.957 ug/L
 RT: 7.67 min Scan# 2046
 Delta R.T. -0.03 min
 Lab File: VV007880.D
 Acq: 26 Sep 2018 13:43

Tgt Ion: 75 Resp: 1641
 Ion Ratio Lower Upper
 75 100
 77 44.0 22.5 41.9#





#48

2-Hexanone

Concen: 6.503 ug/L

RT: 8.14 min Scan# 2193

Delta R.T. -0.05 min

Lab File: VV007880.D

Acq: 26 Sep 2018 13:43

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 8632

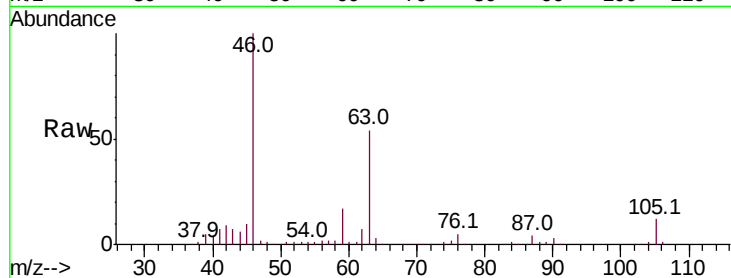
Ion Ratio Lower Upper

43 100

58 30.5 41.1 61.7#

57 27.8 14.3 21.5#

100 0.0 9.9 14.9#

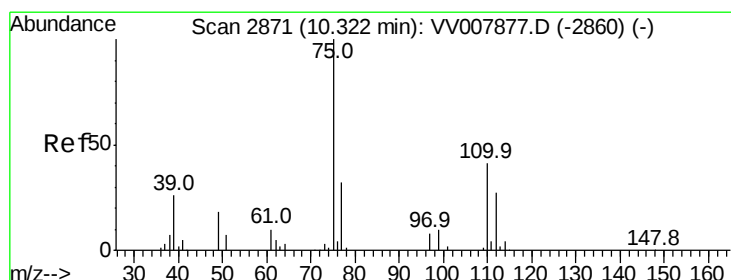
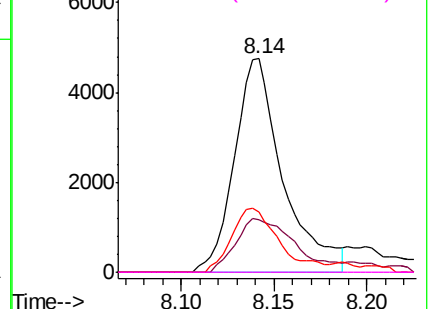
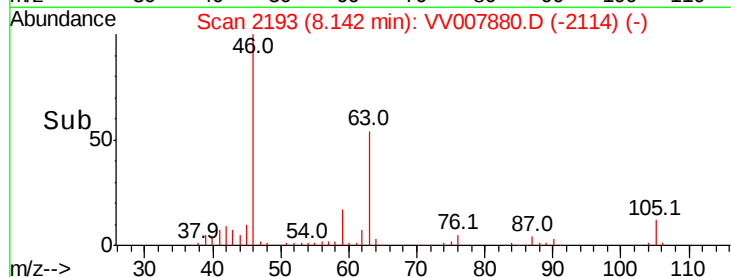


Abundance Ion 43.00 (42.70 to 43.70): VV007877.D (-2197) (-)

Ion 58.00 (57.70 to 58.70): VV007877.D (-2197) (-)

Ion 57.00 (56.70 to 57.70): VV007877.D (-2197) (-)

Ion 100.00 (99.70 to 100.70): VV007877.D (-2197) (-)



#59

1,2,3-Trichloropropane

Concen: 5.635 ug/L

RT: 11.30 min Scan# 3175

Delta R.T. 0.98 min

Lab File: VV007880.D

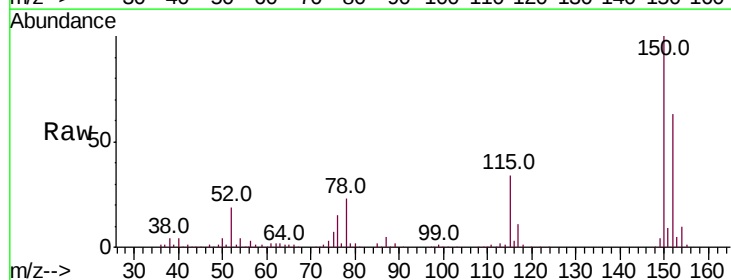
Acq: 26 Sep 2018 13:43

Tgt Ion: 75 Resp: 8915

Ion Ratio Lower Upper

75 100

77 37.7 25.8 38.6



Abundance Ion 75.00 (74.70 to 75.70): VV007877.D (-2860) (-)

Ion 77.00 (76.70 to 77.70): VV007877.D (-2860) (-)

