

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092618\
 Data File : VV007879.D
 Acq On : 26 Sep 2018 13:18
 Operator : SY/MD
 Sample : J5043-20DL 4X
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 27 04:55:29 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	177384	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	171005	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	89417	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	52309	47.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.10%
7) Chloroethane-d5	1.59	69	49717	51.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.56%
11) 1,1-Dichloroethene-d2	2.14	63	89611	37.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.64%
21) 2-Butanone-d5	3.95	46	96415	128.65	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	128.65%
24) Chloroform-d	4.41	84	120155	52.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.04%
26) 1,2-Dichloroethane-d4	5.09	65	90240	54.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.58%
32) Benzene-d6	5.10	84	243755	53.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.44%
36) 1,2-Dichloropropane-d6	6.12	67	77935	54.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.68%
41) Toluene-d8	7.36	98	235020	50.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.82%
43) trans-1,3-Dichloropropene-	7.67	79	34819	51.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.00%
47) 2-Hexanone-d5	8.14	63	71443	117.96	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	117.96%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	110605	52.25	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.50%
64) 1,2-Dichlorobenzene-d4	11.68	152	107350	54.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.02%

Target Compounds

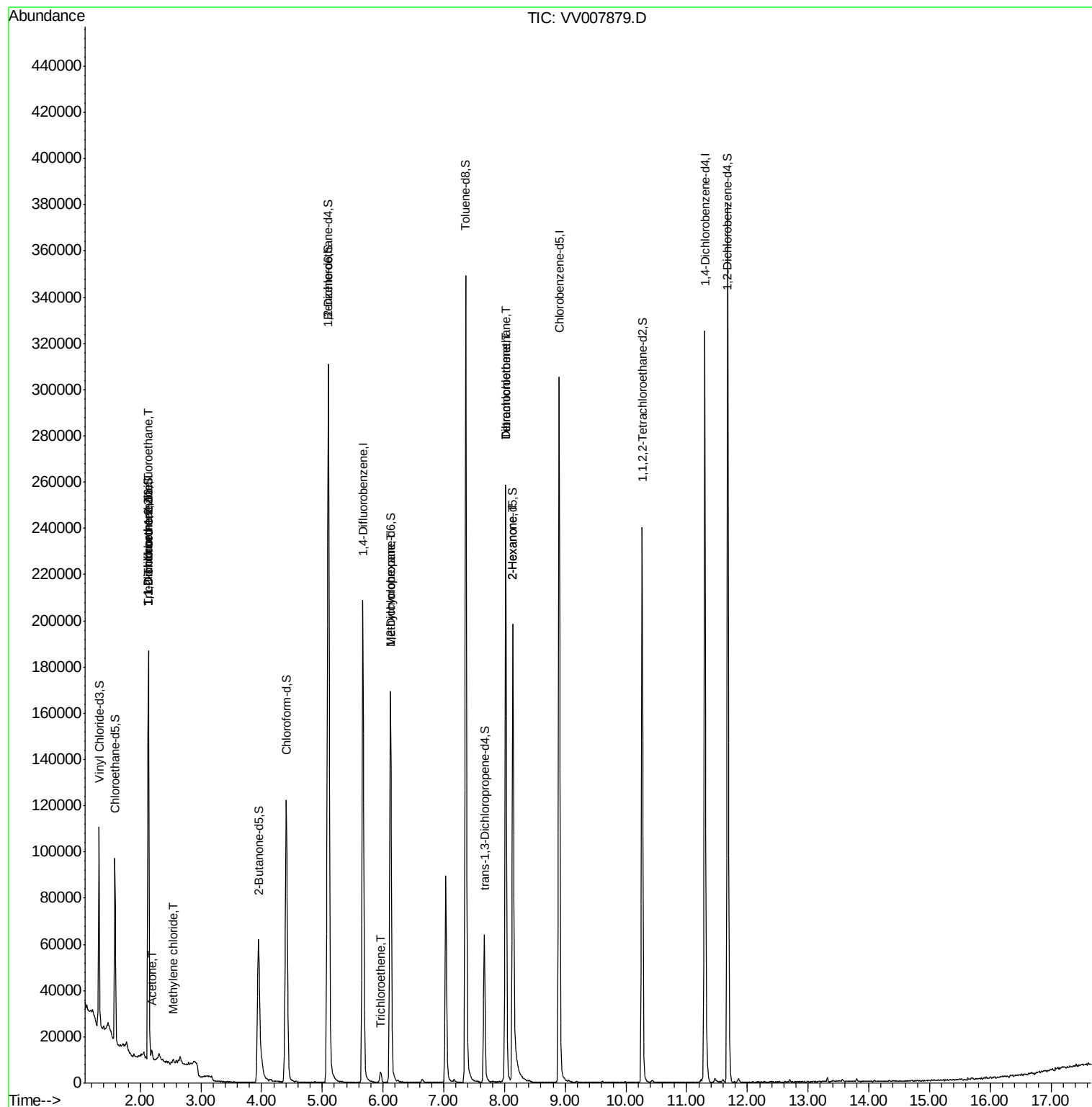
					Ovalue
9) Trichlorofluoromethane	2.14	101	1017	0.467 ug/L #	46
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	1017	0.836 ug/L #	15
12) 1,1-Dichloroethene	2.14	96	956	0.876 ug/L #	1
13) Acetone	2.19	43	1932	2.140 ug/L	90
16) Methylene chloride	2.54	84	553	0.458 ug/L	86
34) Trichloroethene	5.96	95	1246	0.977 ug/L	90
35) Methylcyclohexane	6.13	83	19248	9.618 ug/L #	18
46) Tetrachloroethene	8.02	164	59189	48.289 ug/L	96
48) 2-Hexanone	8.14	43	9023	6.588 ug/L #	70
49) Dibromochloromethane	8.02	129	49152	36.680 ug/L #	10

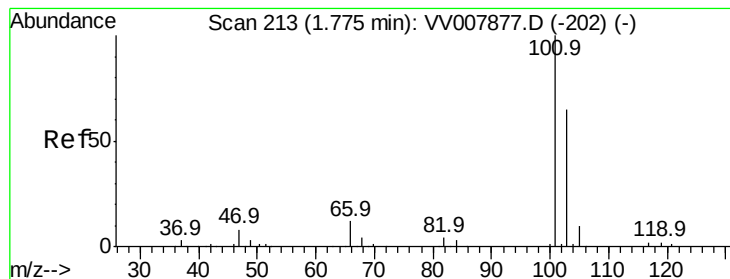
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#9

Trichlorofluoromethane

Concen: 0.467 ug/L

RT: 2.14 min Scan# 325

Delta R.T. 0.36 min

Lab File: VV007879.D

Acq: 26 Sep 2018 13:18

Instrument :

MSVOA_V

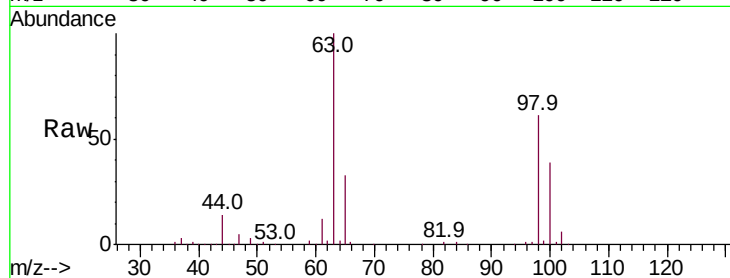
ClientSampleId :

Tot Ion:101 Resp: 1017

Ion Ratio Lower Upper

101 100

103 22.4 52.4 78.6#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V

2.14

800

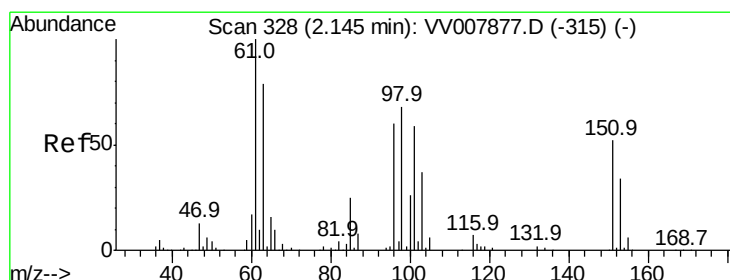
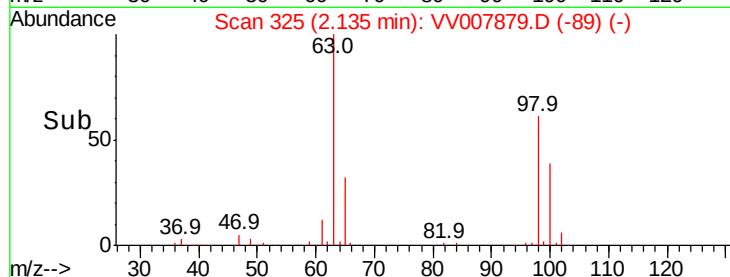
600

400

200

0

Time-->



#10

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

Concen: 0.836 ug/L

RT: 2.14 min Scan# 325

Delta R.T. -0.01 min

Lab File: VV007879.D

Acq: 26 Sep 2018 13:18

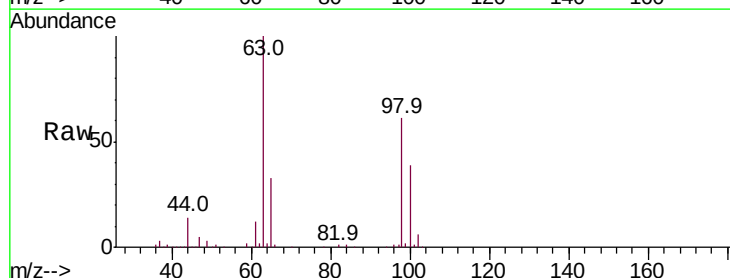
Tgt Ion:101 Resp: 1017

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

1000

800

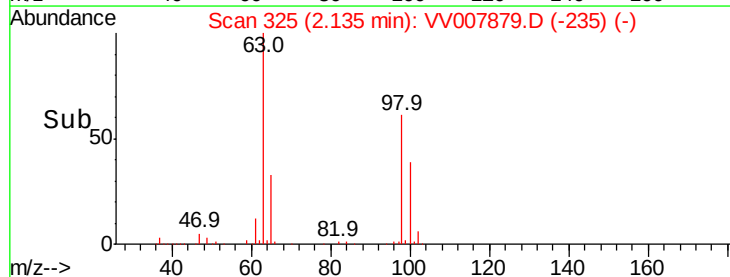
600

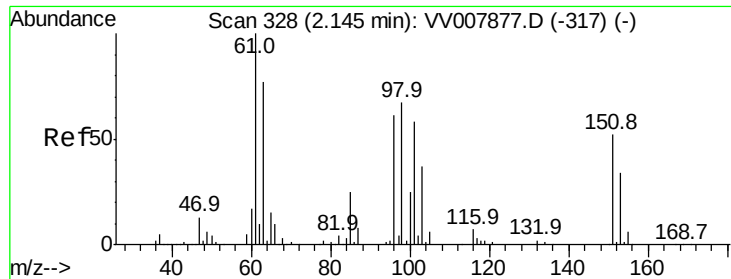
400

200

0

Time-->

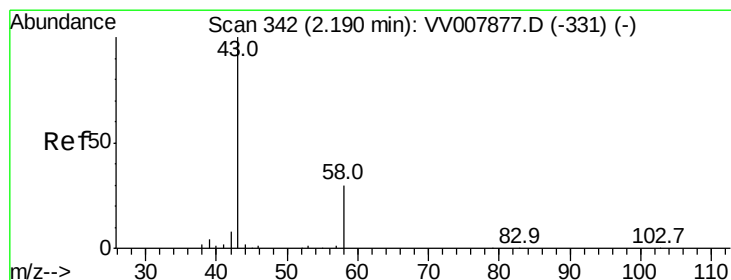
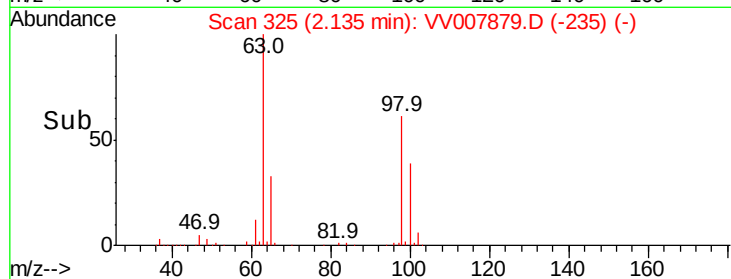
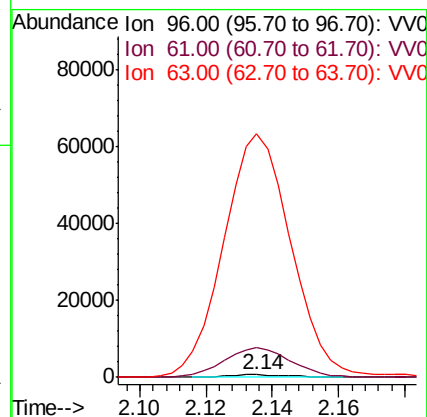
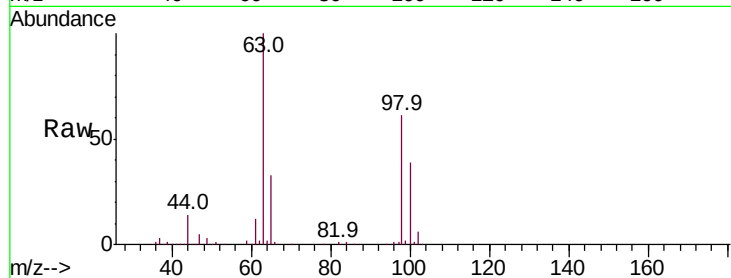




#12
1,1-Dichloroethene
Concen: 0.876 ug/L
RT: 2.14 min Scan# 325
Delta R.T. -0.01 min
Lab File: VV007879.D
Acq: 26 Sep 2018 13:18

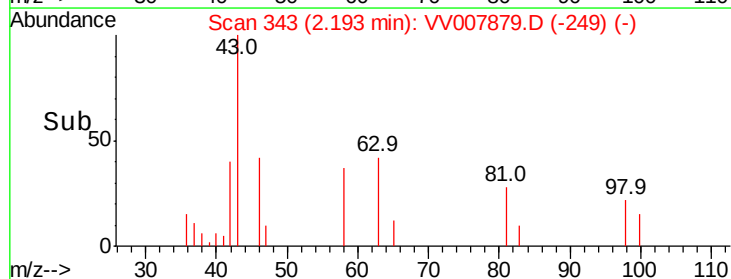
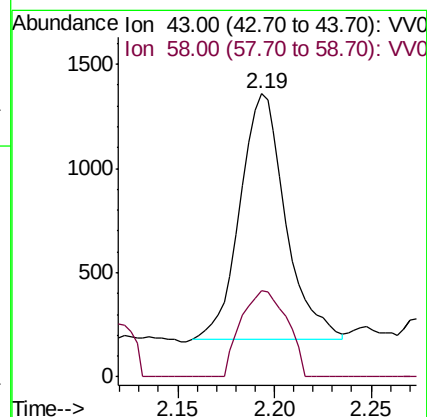
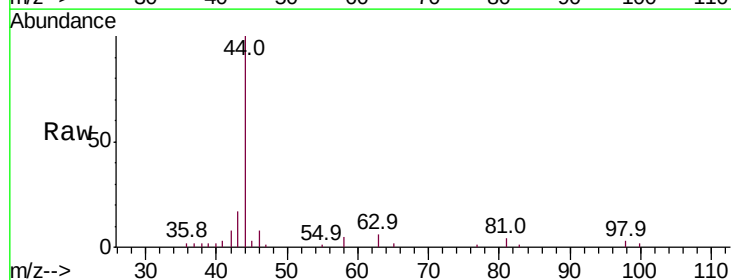
Instrument :
MSVOA_V
ClientSampleId :

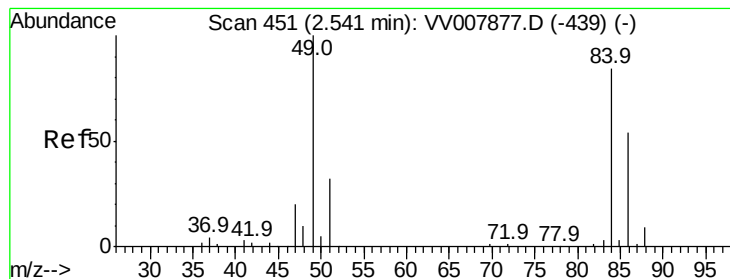
Tot Ion: 96 Resp: 956
Ion Ratio Lower Upper
96 100
61 1199.8 116.1 215.7#
63 9965.4 86.5 160.7#



#13
Acetone
Concen: 2.140 ug/L
RT: 2.19 min Scan# 343
Delta R.T. 0.00 min
Lab File: VV007879.D
Acq: 26 Sep 2018 13:18

Tgt Ion: 43 Resp: 1932
Ion Ratio Lower Upper
43 100
58 35.4 0.0 59.4





#16

Methvlene chloride

Concen: 0.458 ug/L

RT: 2.54 min Scan# 452

Delta R.T. 0.00 min

Lab File: VV007879.D

Acq: 26 Sep 2018 13:18

Instrument :

MSVOA_V

ClientSampled :

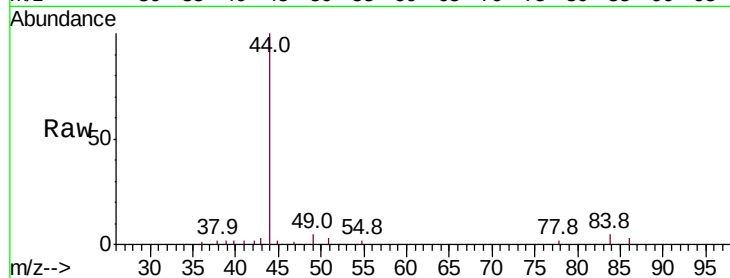
Tot Ion: 84 Resp: 553

Ion Ratio Lower Upper

84 100

86 61.7 44.4 82.4

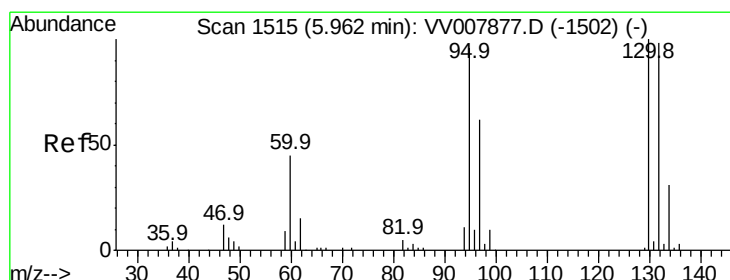
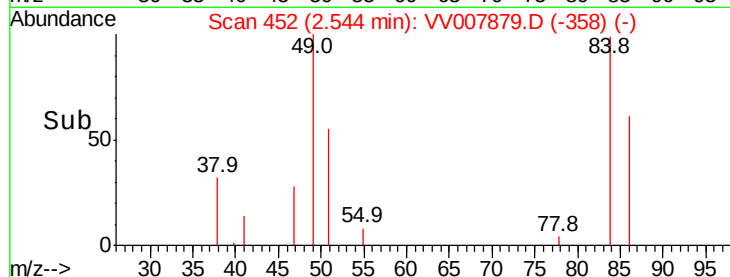
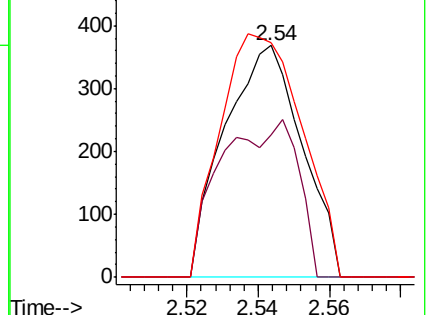
49 101.4 86.8 161.2



Abundance Ion 84.00 (83.70 to 84.70): VV007877.D (-439) (-)

Ion 86.00 (85.70 to 86.70): VV007877.D (-439) (-)

Ion 49.00 (48.70 to 49.70): VV007877.D (-439) (-)



#34

Trichloroethene

Concen: 0.977 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. -0.00 min

Lab File: VV007879.D

Acq: 26 Sep 2018 13:18

Tgt Ion: 95 Resp: 1246

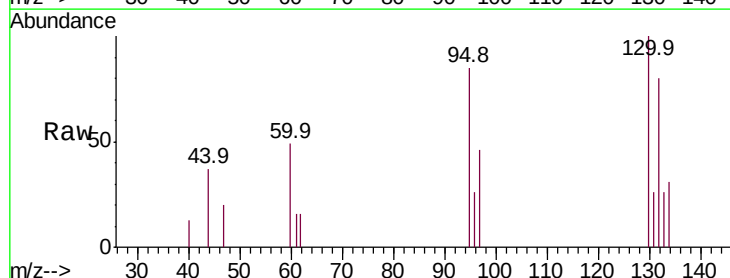
Ion Ratio Lower Upper

95 100

97 54.5 45.4 84.2

132 93.4 72.2 134.0

130 117.2 75.5 140.3

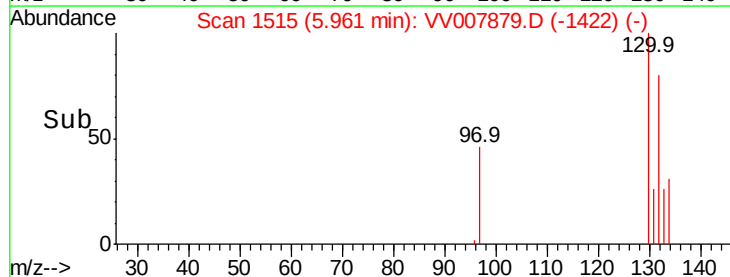
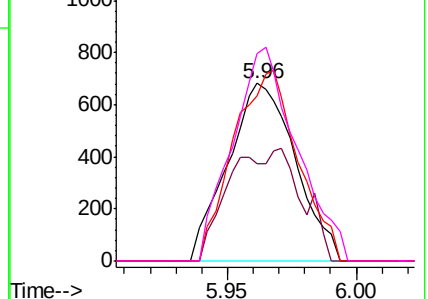


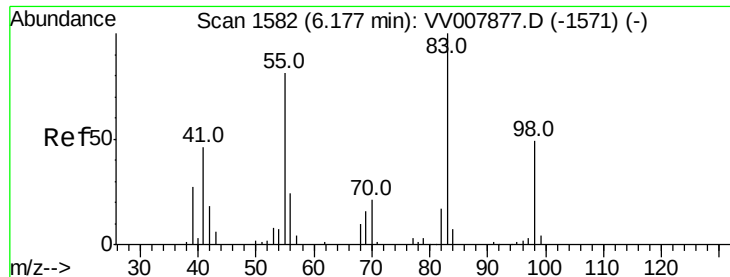
Abundance Ion 95.00 (94.70 to 95.70): VV007877.D (-1502) (-)

Ion 97.00 (96.70 to 97.70): VV007877.D (-1502) (-)

Ion 132.00 (131.70 to 132.70): VV007877.D (-1502) (-)

Ion 130.00 (129.70 to 130.70): VV007877.D (-1502) (-)

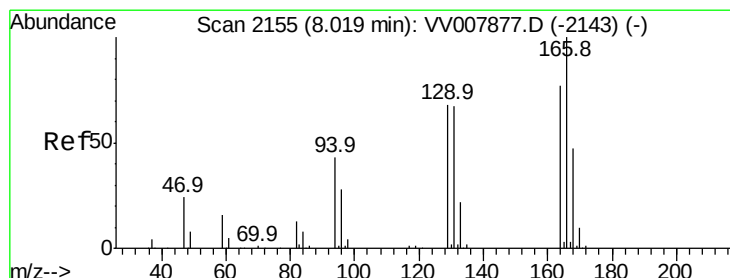
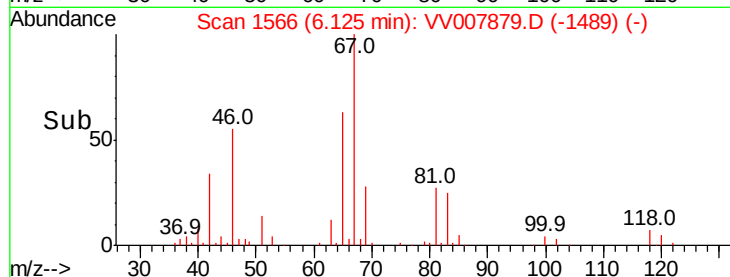
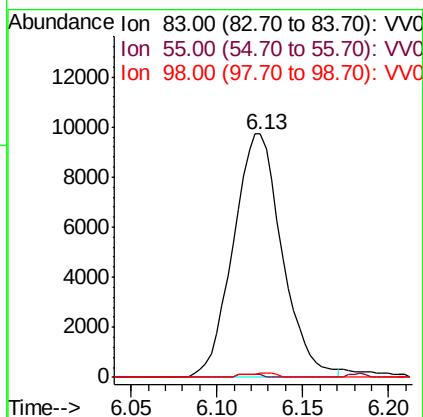
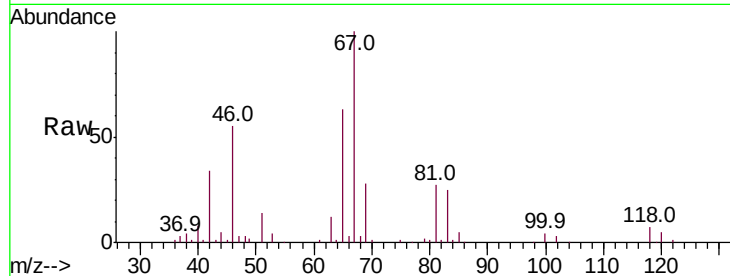




#35
Methvlcvclohexane
Concen: 9.618 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.05 min
Lab File: VV007879.D
Acq: 26 Sep 2018 13:18

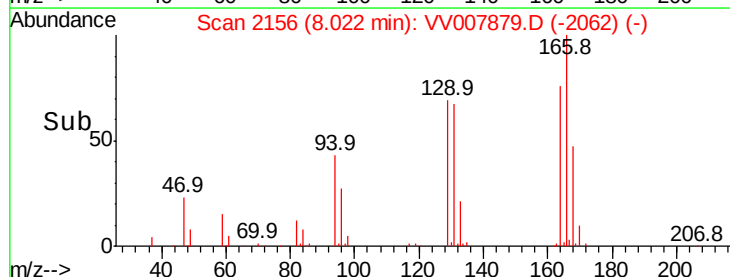
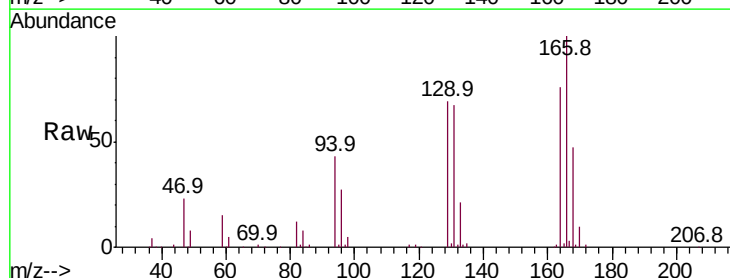
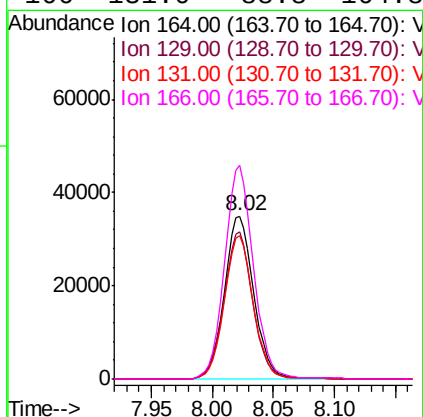
Instrument :
MSVOA_V
ClientSampleId :

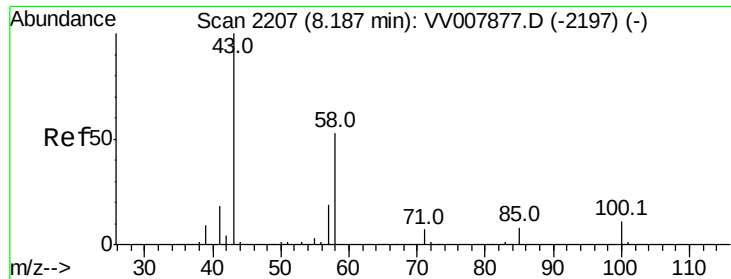
Tot Ion: 83 Resp: 19248
Ion Ratio Lower Upper
83 100
55 0.3 62.6 94.0#
98 0.8 37.6 56.4#



#46
Tetrachloroethene
Concen: 48.289 ug/L
RT: 8.02 min Scan# 2156
Delta R.T. 0.00 min
Lab File: VV007879.D
Acq: 26 Sep 2018 13:18

Tgt Ion:164 Resp: 59189
Ion Ratio Lower Upper
164 100
129 90.2 60.9 113.1
131 88.1 58.8 109.2
166 131.0 88.8 164.8

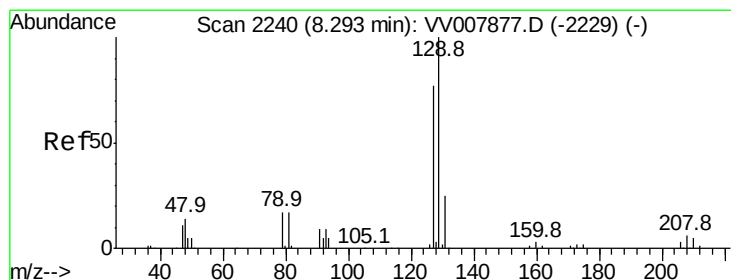
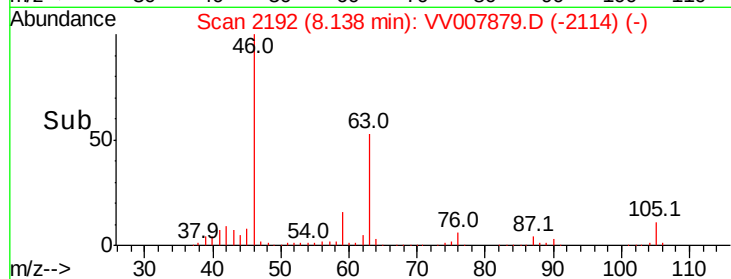
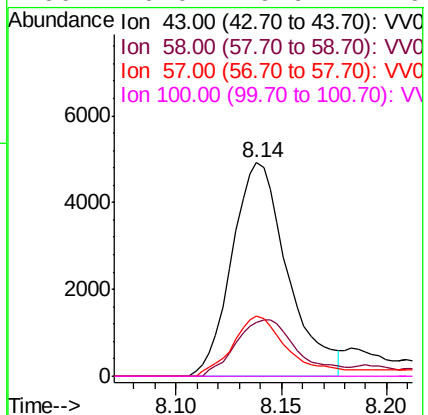
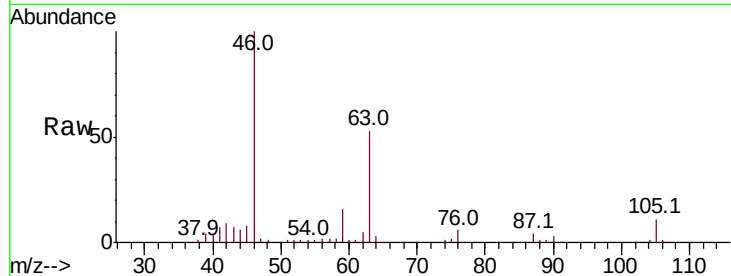




#48
2-Hexanone
Concen: 6.588 ug/L
RT: 8.14 min Scan# 2192
Delta R.T. -0.05 min
Lab File: VV007879.D
Acq: 26 Sep 2018 13:18

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 9023
Ion Ratio Lower Upper
43 100
58 29.0 41.1 61.7#
57 28.4 14.3 21.5#
100 0.0 9.9 14.9#



#49
Dibromochloromethane
Concen: 36.680 ug/L
RT: 8.02 min Scan# 2156
Delta R.T. -0.27 min
Lab File: VV007879.D
Acq: 26 Sep 2018 13:18

Tgt Ion: 129 Resp: 49152
Ion Ratio Lower Upper
129 100
127 0.0 55.5 103.1#

