

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091619\
 Data File : VV012840.D
 Acq On : 16 Sep 2019 16:52
 Operator : SY/MD
 Sample : VV0916WBL02
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 16 17:32:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091619WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Sep 16 17:02:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	403532	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	402545	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	157420	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	124390	4.45	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.00%
7) Chloroethane-d5	1.58	69	101906	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.00%
11) 1,1-Dichloroethene-d2	2.13	63	162086	3.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.00%
20) 2-Butanone-d5	3.98	46	240932	62.37	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.74%
24) Chloroform-d	4.40	84	203279	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
26) 1,2-Dichloroethane-d4	5.08	65	104677	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.60%
32) Benzene-d6	5.09	84	413667	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
36) 1,2-Dichloropropane-d6	6.12	67	128364	4.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.00%
41) Toluene-d8	7.36	98	330767	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.80%
43) trans-1,3-Dichloropropene-	7.66	79	39000	4.51	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.20%
46) 2-Hexanone-d5	8.14	63	108446	44.74	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.48%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	68687	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	116553	5.34	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.80%

Target Compounds

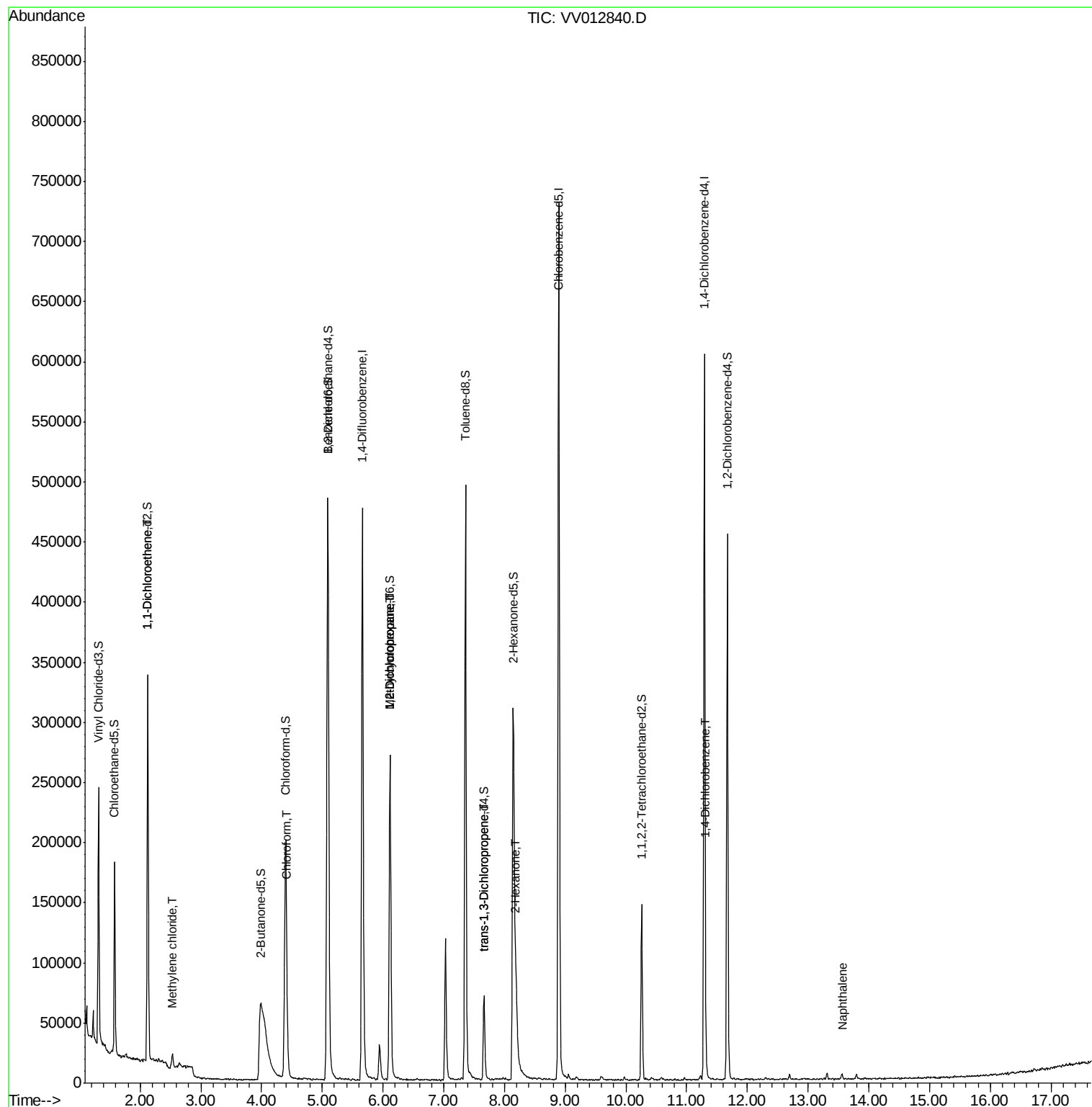
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.13	96	1911	0.087	ug/L #	1
16) Methylene chloride	2.53	84	4656	0.178	ug/L	96
25) Chloroform	4.42	83	10855	0.196	ug/L	95
35) Methylcyclohexane	6.12	83	31291	0.877	ug/L #	17
37) 1,2-Dichloropropane	6.12	63	13985	0.511	ug/L #	87
44) trans-1,3-Dichloropropene	7.66	75	2021	0.075	ug/L #	68
48) 2-Hexanone	8.19	43	50922	4.414	ug/L #	85
63) 1,4-Dichlorobenzene	11.32	146	2457	0.053	ug/L	87
69) Naphthalene	13.56	128	3414	0.092	ug/L #	89

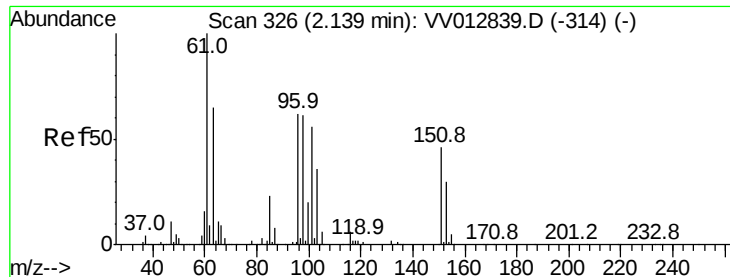
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV091619\
Data File : VV012840.D
Acq On : 16 Sep 2019 16:52
Operator : SY/MD
Sample : VV0916WBL02
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Sep 16 17:32:31 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Sep 16 17:02:53 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.087 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV012840.D

Acq: 16 Sep 2019 16:52

Instrument :
MSVOA_V
ClientSampled :

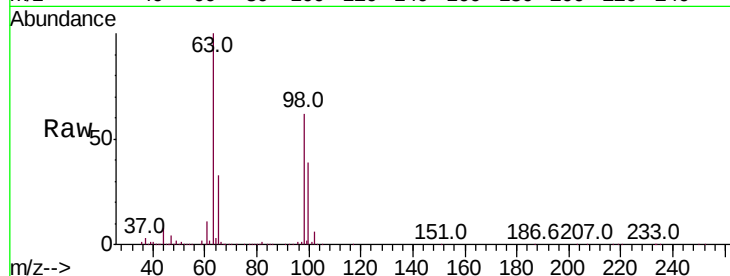
Tot Ion: 96 Resp: 1911

Ion Ratio Lower Upper

96 100

61 1214.3 120.1 223.1#

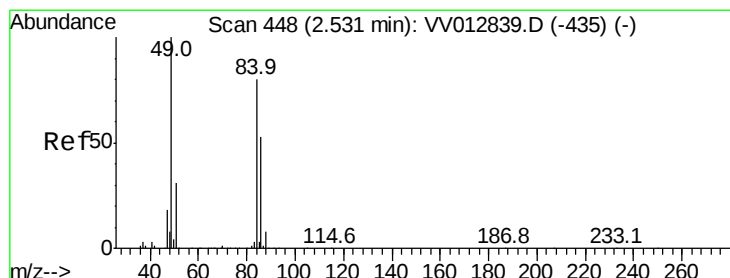
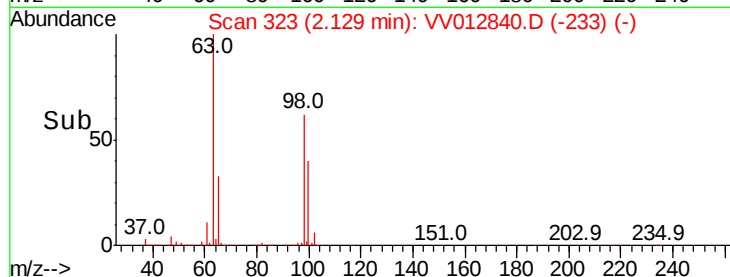
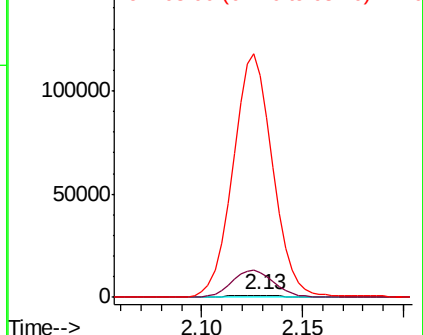
63 10750.4 88.3 164.1#



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0



#16

Methylene chloride

Concen: 0.178 ug/L

RT: 2.53 min Scan# 448

Delta R.T. 0.00 min

Lab File: VV012840.D

Acq: 16 Sep 2019 16:52

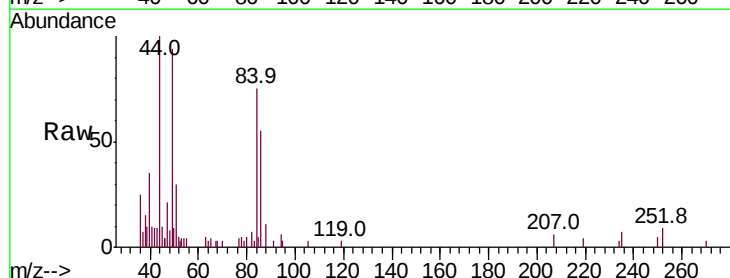
Tgt Ion: 84 Resp: 4656

Ion Ratio Lower Upper

84 100

86 73.9 45.4 84.4

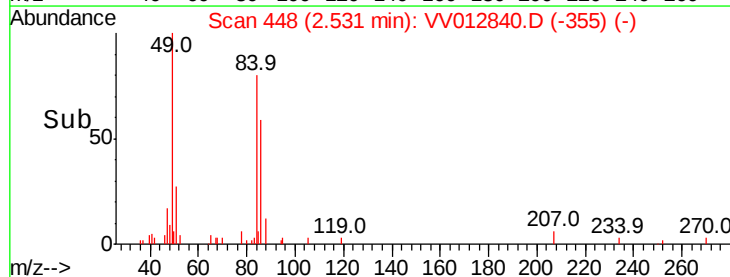
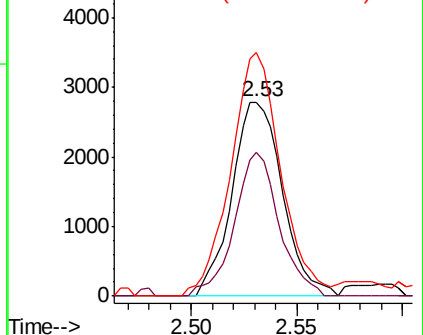
49 125.6 88.0 163.4

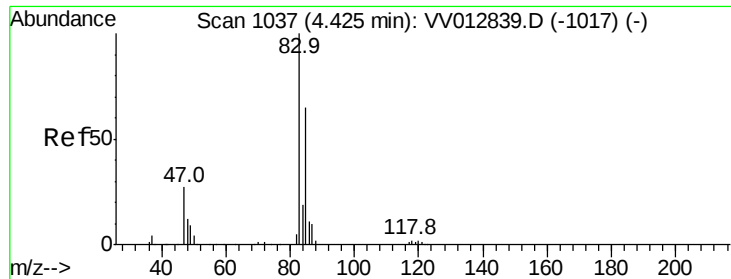


Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0

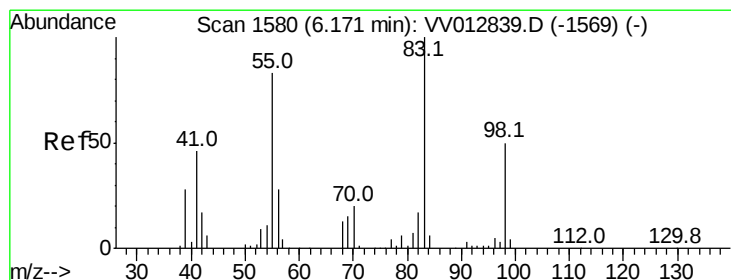
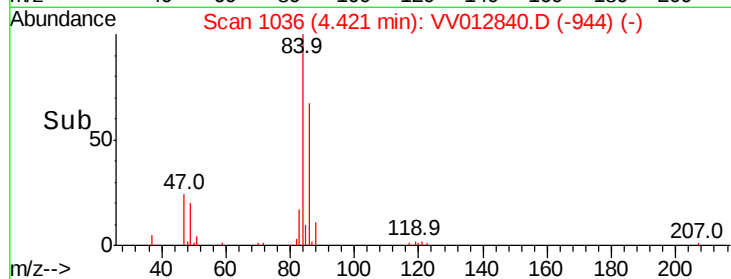
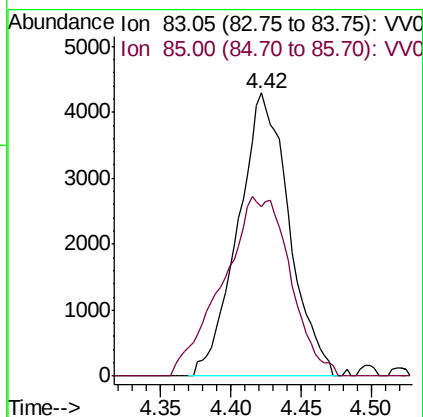
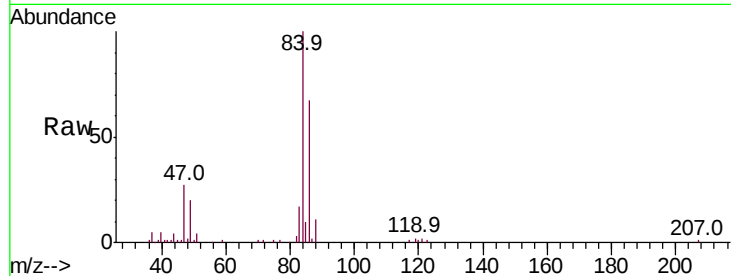




#25
Chloroform
Concen: 0.196 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VV012840.D
Acq: 16 Sep 2019 16:52

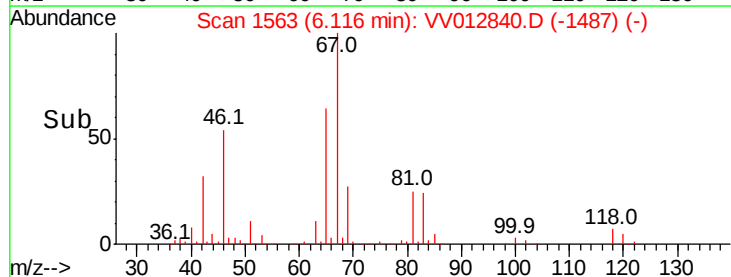
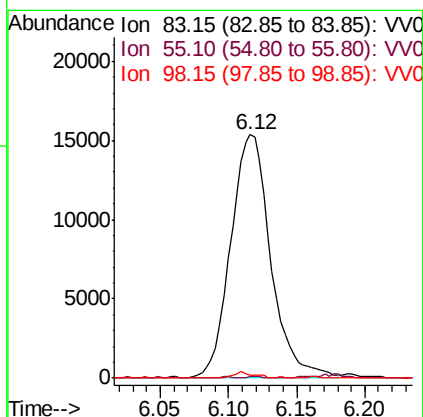
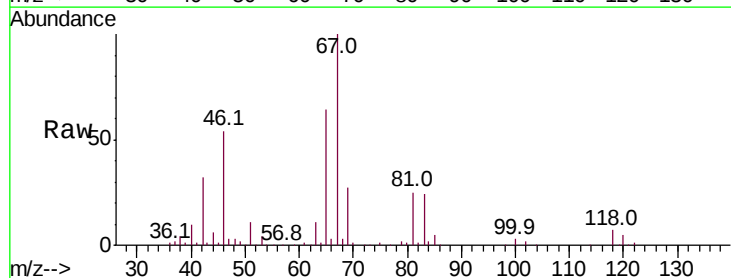
Instrument :
MSVOA_V
ClientSampleId :

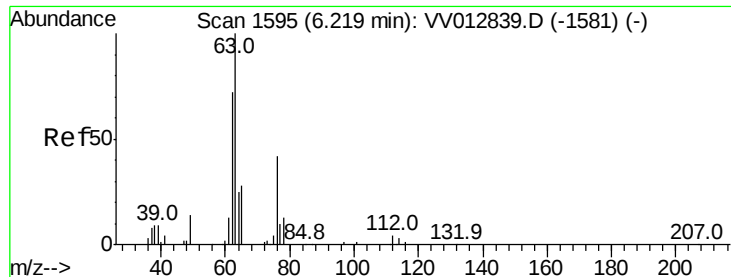
Tot Ion: 83 Resp: 10855
Ion Ratio Lower Upper
83 100
85 59.7 44.4 82.5



#35
Methylcyclohexane
Concen: 0.877 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV012840.D
Acq: 16 Sep 2019 16:52

Tgt Ion: 83 Resp: 31291
Ion Ratio Lower Upper
83 100
55 0.2 65.4 98.2#
98 1.3 39.0 58.4#





#37

1,2-Dichloropropane

Concen: 0.511 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VV012840.D

Acq: 16 Sep 2019 16:52

Instrument :

MSVOA_V

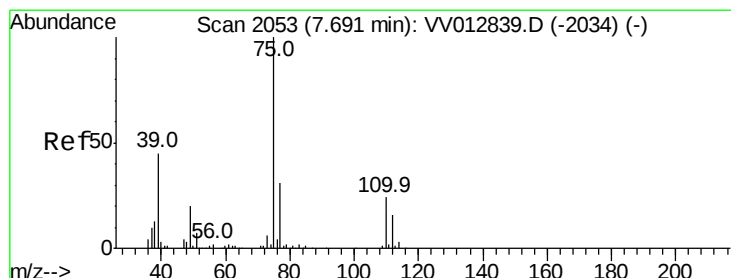
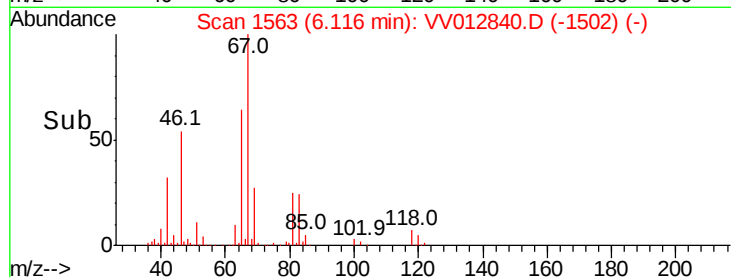
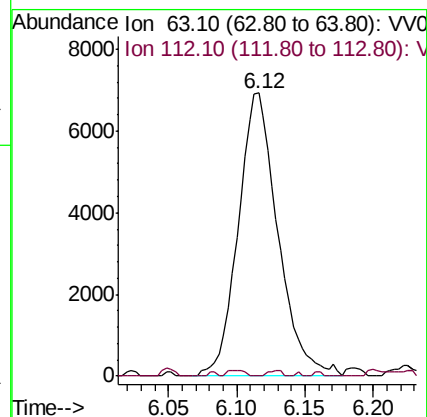
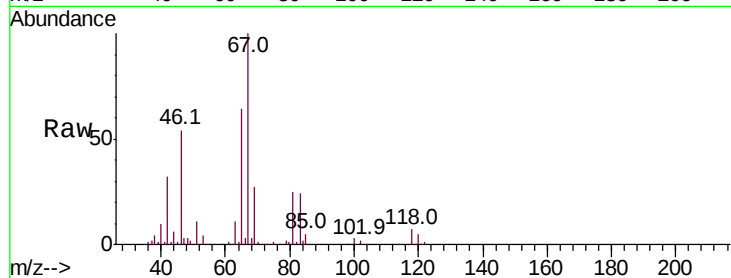
ClientSampleId :

Tot Ion: 63 Resp: 13985

Ion Ratio Lower Upper

63 100

112 1.0 4.2 6.2#



#44

trans-1,3-Dichloropropene

Concen: 0.075 ug/L

RT: 7.66 min Scan# 2043

Delta R.T. -0.03 min

Lab File: VV012840.D

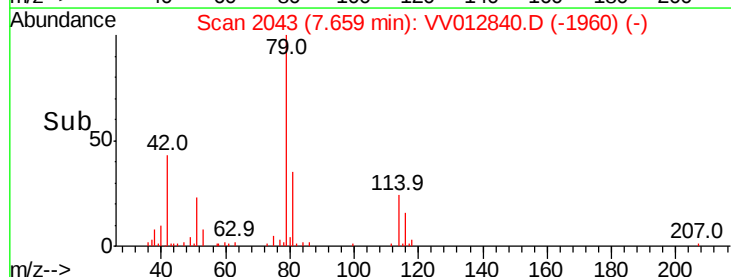
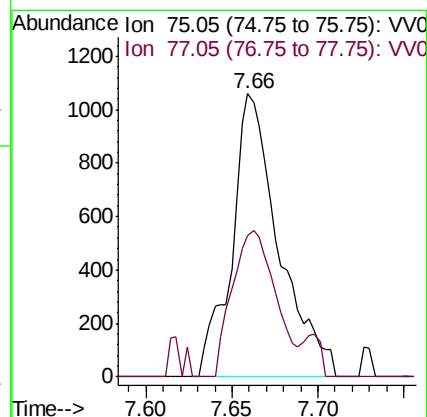
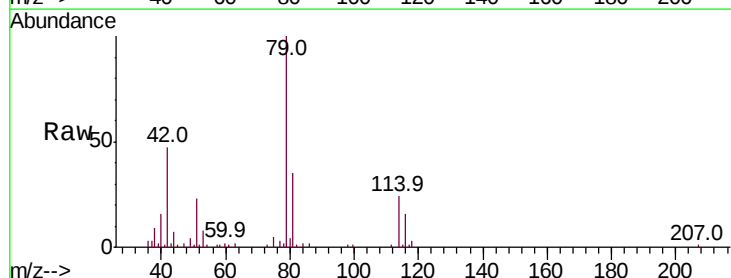
Acq: 16 Sep 2019 16:52

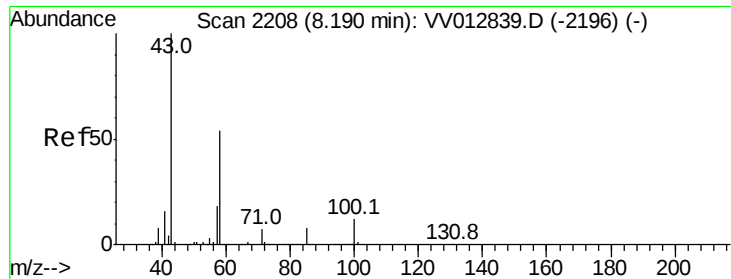
Tgt Ion: 75 Resp: 2021

Ion Ratio Lower Upper

75 100

77 49.9 22.3 41.3#

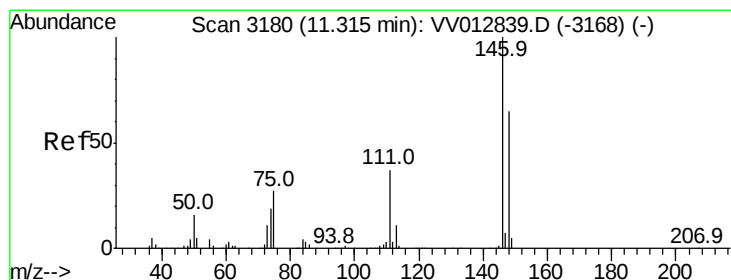
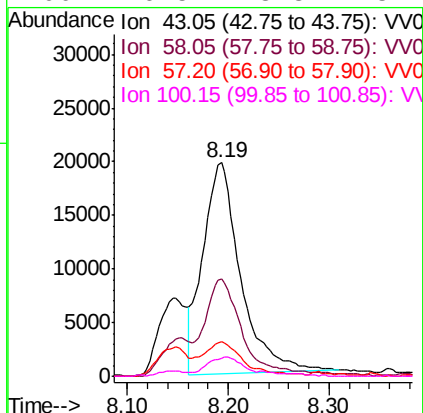
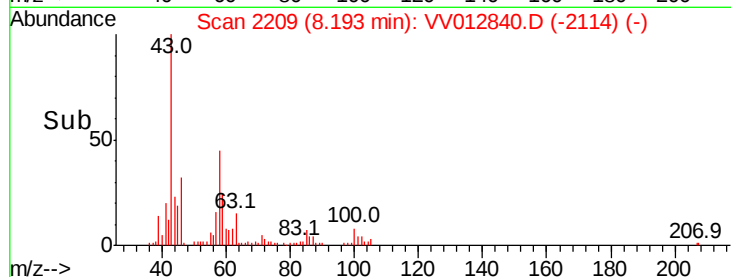
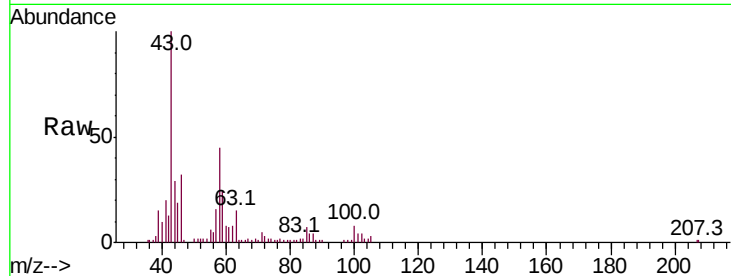




#48
2-Hexanone
Concen: 4.414 ug/L
RT: 8.19 min Scan# 2209
Delta R.T. 0.01 min
Lab File: VV012840.D
Acq: 16 Sep 2019 16:52

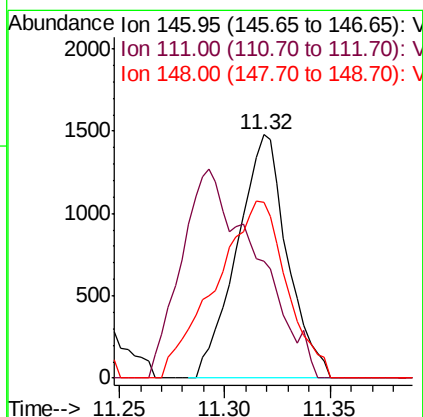
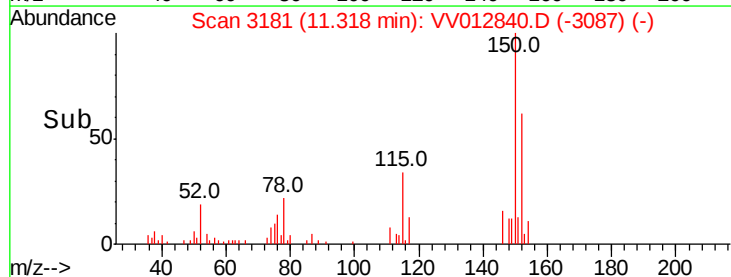
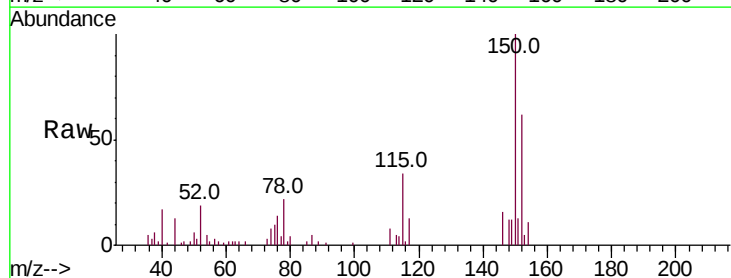
Instrument :
MSVOA_V
ClientSampleId :

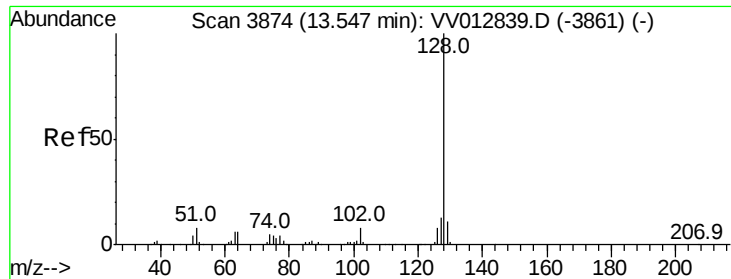
Tot Ion: 43 Resp: 50922
Ion Ratio Lower Upper
43 100
58 42.9 44.8 67.2#
57 16.0 15.0 22.6
100 6.5 8.8 13.2#



#63
1,4-Dichlorobenzene
Concen: 0.053 ug/L
RT: 11.32 min Scan# 3181
Delta R.T. 0.00 min
Lab File: VV012840.D
Acq: 16 Sep 2019 16:52

Tgt Ion: 146 Resp: 2457
Ion Ratio Lower Upper
146 100
111 48.2 26.6 49.4
148 72.3 45.0 83.6





#69

Naphthalene

Concen: 0.092 ug/L

RT: 13.56 min Scan# 3877

Delta R.T. 0.01 min

Lab File: VV012840.D

Acq: 16 Sep 2019 16:52

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion:128 Resp: 3414

Ion Ratio Lower Upper

128 100

129 3.6 8.3 12.5#

127 11.2 10.5 15.7

