

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090919\
 Data File : VV012635.D
 Acq On : 09 Sep 2019 20:55
 Operator : SY/MD
 Sample : K4724-12
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 10 09:34:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Sep 10 09:27:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	406600	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	401766	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	169242	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	126335	4.58	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.60%
7) Chloroethane-d5	1.58	69	112695	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.80%
11) 1,1-Dichloroethene-d2	2.13	63	153712	3.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.00%
20) 2-Butanone-d5	3.94	46	298199	44.93	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.86%
24) Chloroform-d	4.40	84	224438	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.60%
26) 1,2-Dichloroethane-d4	5.08	65	126420	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.40%
32) Benzene-d6	5.10	84	476879	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
36) 1,2-Dichloropropane-d6	6.12	67	159005	5.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.40%
41) Toluene-d8	7.36	98	386627	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
43) trans-1,3-Dichloropropene-	7.66	79	49040	4.68	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.60%
46) 2-Hexanone-d5	8.13	63	214377	54.03	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.06%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	120676	5.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	161983	5.59	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.80%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1914	0.072 ug/L #	41
12) 1,1-Dichloroethene	2.13	96	1939	0.077 ug/L #	1
13) Acetone	2.19	43	16445	4.227 ug/L	93
22) cis-1,2-Dichloroethene	3.96	96	6568	0.213 ug/L	86
25) Chloroform	4.42	83	29550	0.502 ug/L	98
34) Trichloroethene	5.96	95	63458	1.956 ug/L	97
35) Methylcyclohexane	6.12	83	38860	0.847 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	16534	0.565 ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	3679	0.096 ug/L #	45
44) trans-1,3-Dichloropropene	7.67	75	2398	0.083 ug/L	92
47) Tetrachloroethene	8.02	164	158075	6.206 ug/L	97
48) 2-Hexanone	8.18	43	26614	2.294 ug/L #	85
49) Dibromochloromethane	8.02	129	132071	5.451 ug/L #	11
63) 1,4-Dichlorobenzene	11.31	146	5314	0.100 ug/L	88
68) 1,2,4-trichlorobenzene	13.31	180	3496	0.111 ug/L	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090919\
Data File : VV012635.D
Acq On : 09 Sep 2019 20:55
Operator : SY/MD
Sample : K4724-12
Misc : 25mL/MSVOA V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Sep 10 09:34:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 10 09:27:53 2019
Response via : Initial Calibration

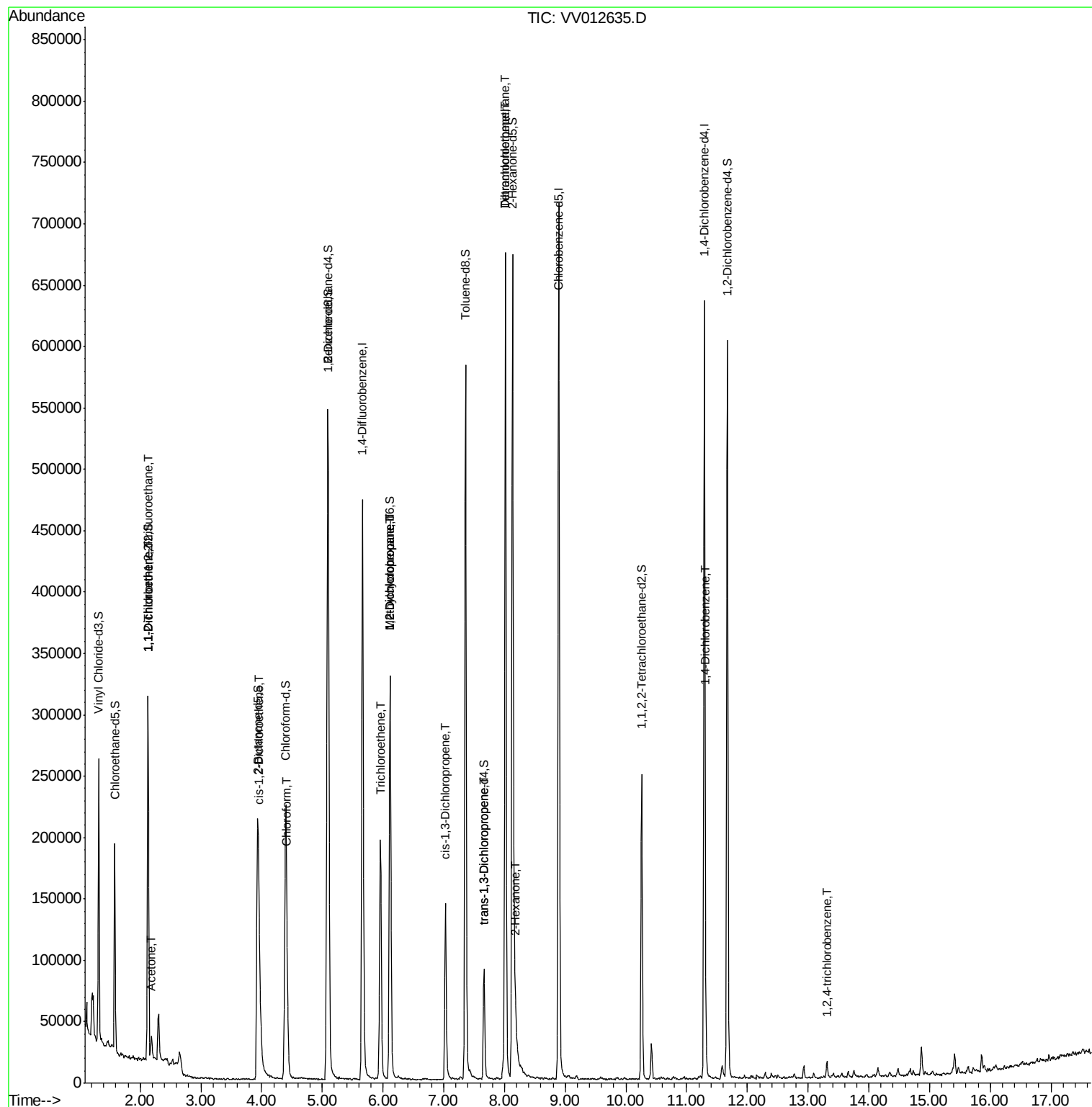
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

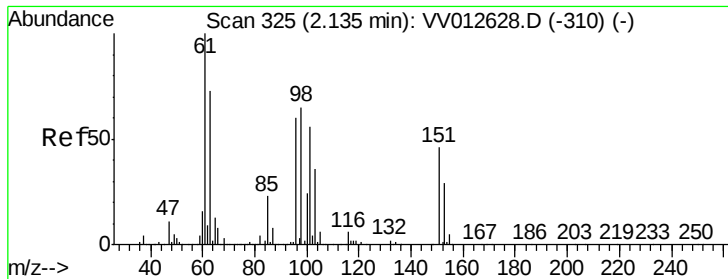
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV090919\
Data File : VV012635.D
Acq On : 09 Sep 2019 20:55
Operator : SY/MD
Sample : K4724-12
Misc : 25mL/MSVOA V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Sep 10 09:34:40 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 10 09:27:53 2019
Response via : Initial Calibration





#10

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

Concen: 0.072 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.00 min

Lab File: VV012635.D

Acq: 09 Sep 2019 20:55

Instrument :

MSVOA_V

ClientSampled :

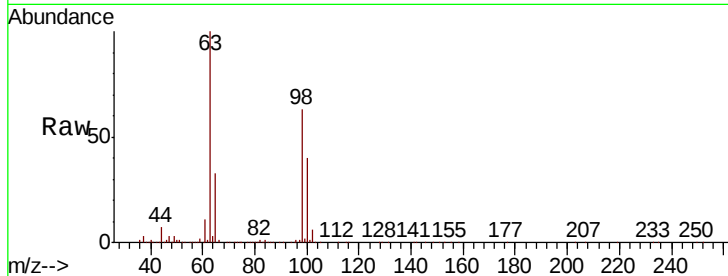
Tot Ion:101 Resp: 1914

Ion Ratio Lower Upper

101 100

85 12.6 33.0 49.6#

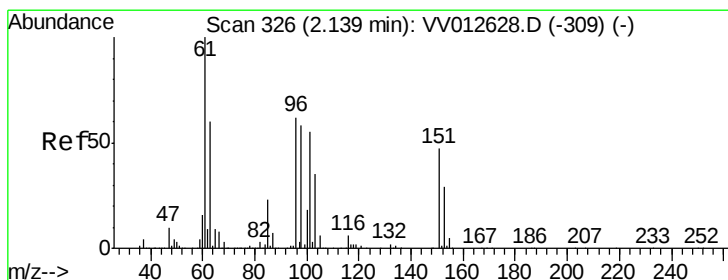
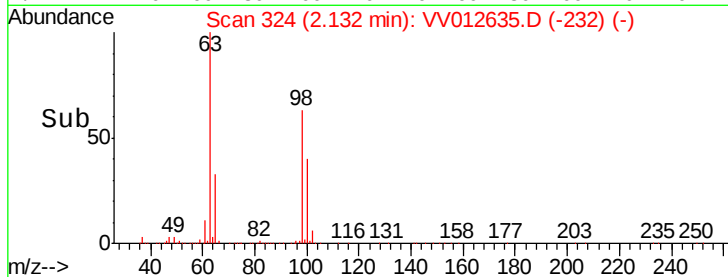
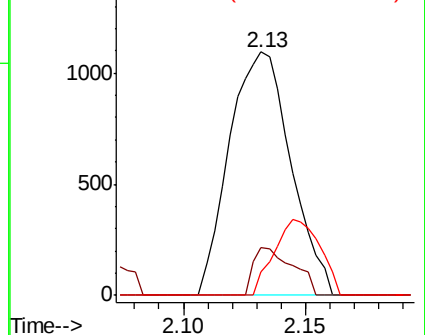
151 23.0 65.8 98.8#



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: 0.077 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV012635.D

Acq: 09 Sep 2019 20:55

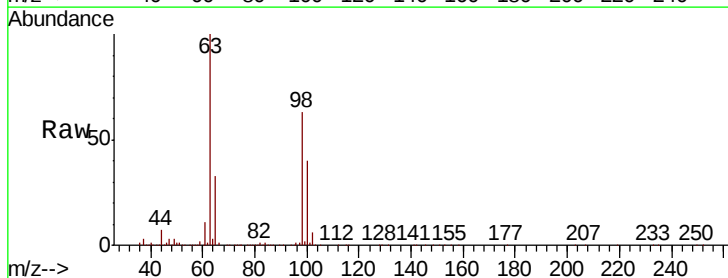
Tgt Ion: 96 Resp: 1939

Ion Ratio Lower Upper

96 100

61 1019.3 115.8 215.0#

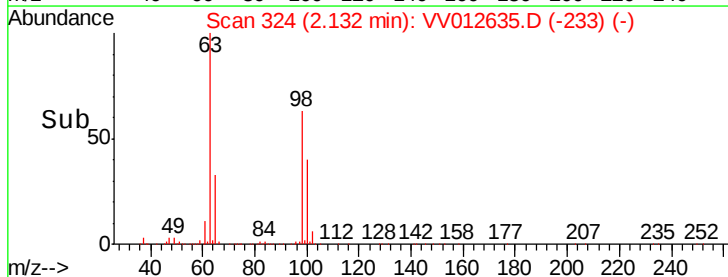
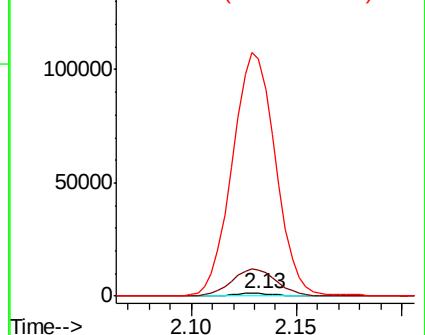
63 9144.9 79.4 147.4#

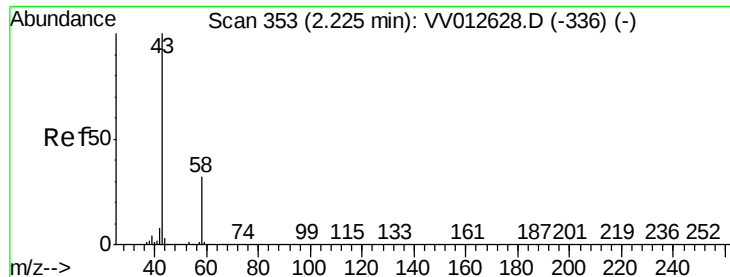


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 4.227 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.04 min

Lab File: VV012635.D

Acq: 09 Sep 2019 20:55

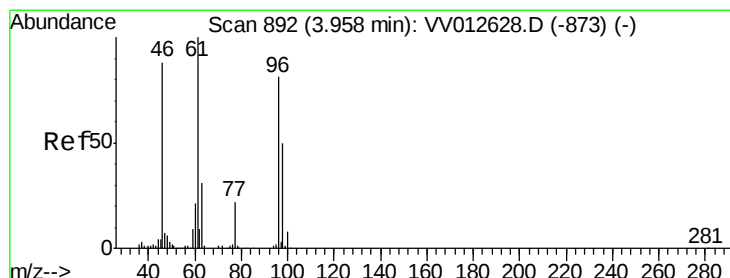
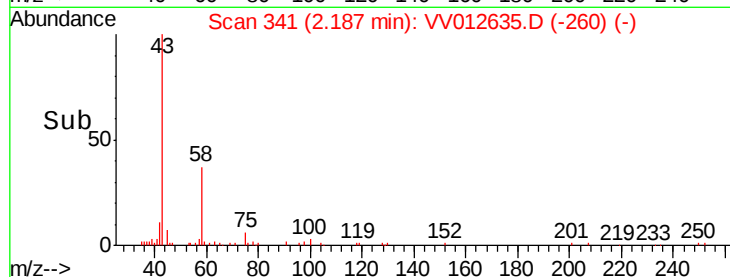
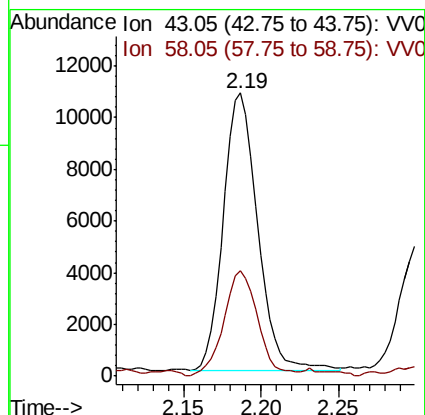
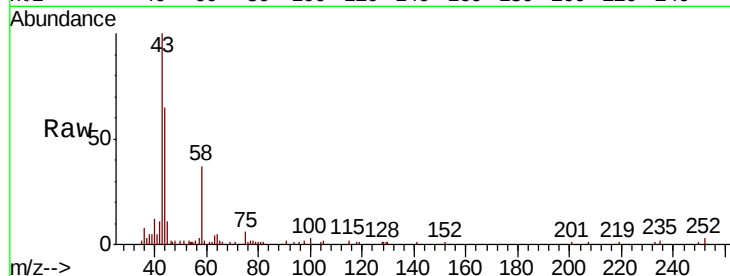
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 16445

Ion Ratio Lower Upper

43 100

58 37.7 0.0 67.4



#22

cis-1,2-Dichloroethene

Concen: 0.213 ug/L

RT: 3.96 min Scan# 892

Delta R.T. -0.00 min

Lab File: VV012635.D

Acq: 09 Sep 2019 20:55

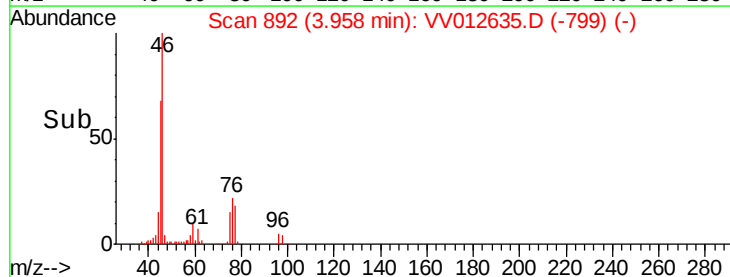
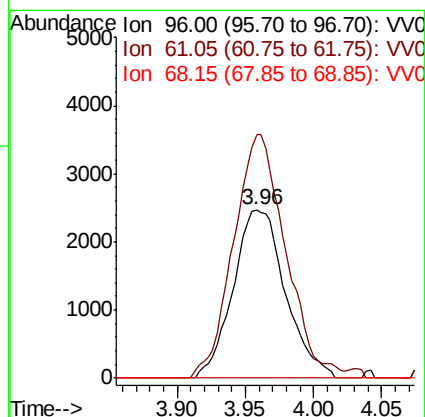
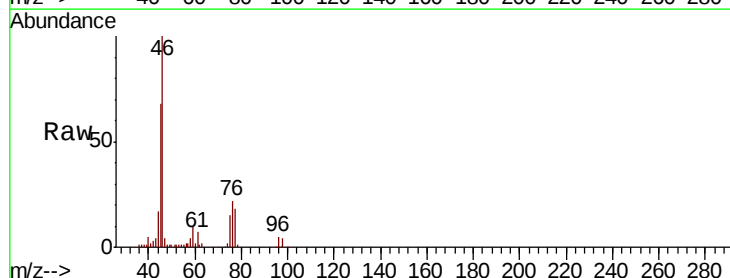
Tgt Ion: 96 Resp: 6568

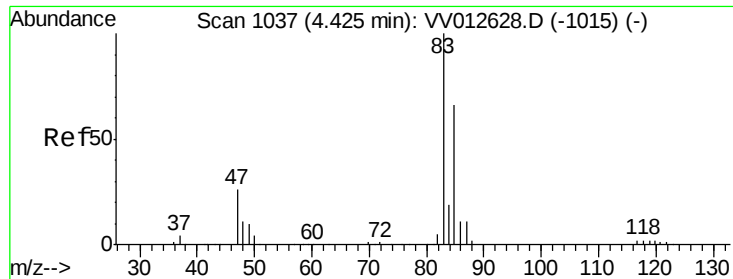
Ion Ratio Lower Upper

96 100

61 144.1 89.7 166.5

68 0.0 0.0 0.0

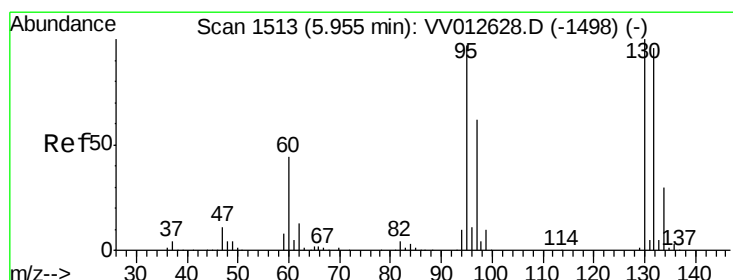
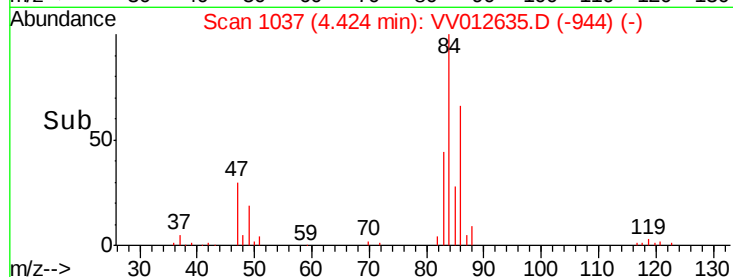
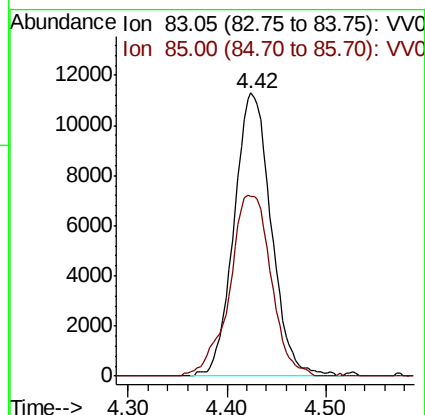
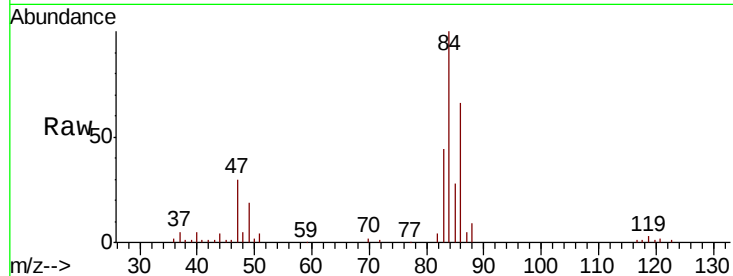




#25
Chloroform
Concen: 0.502 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VV012635.D
Acq: 09 Sep 2019 20:55

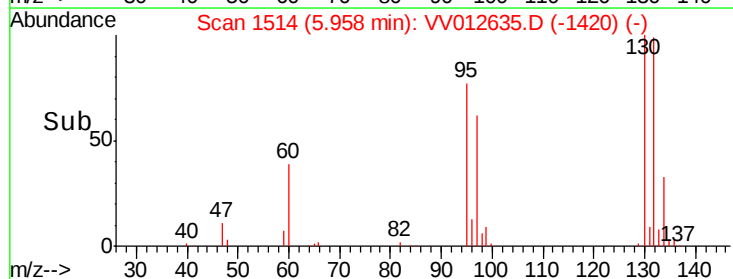
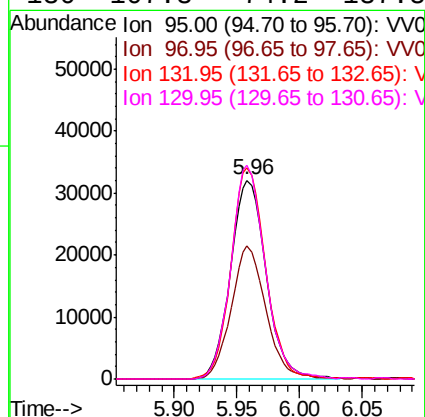
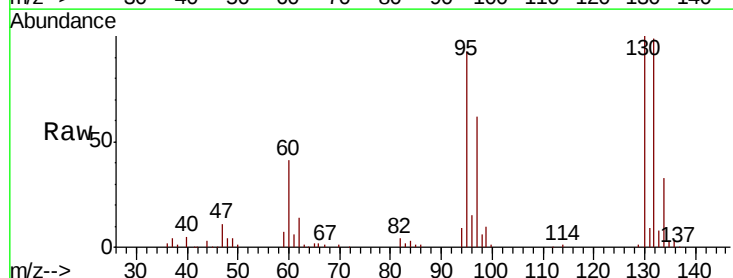
Instrument :
MSVOA_V
ClientSampleId :

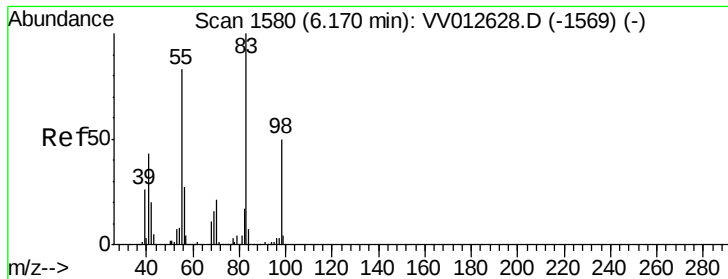
Tot Ion: 83 Resp: 29550
Ion Ratio Lower Upper
83 100
85 63.4 45.3 84.1



#34
Trichloroethene
Concen: 1.956 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV012635.D
Acq: 09 Sep 2019 20:55

Tgt Ion: 95 Resp: 63458
Ion Ratio Lower Upper
95 100
97 66.9 45.4 84.2
132 106.3 70.2 130.4
130 107.3 74.2 137.8





#35

Methvlcvclohexane

Concen: 0.847 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.05 min

Lab File: VV012635.D

Acq: 09 Sep 2019 20:55

Instrument :

MSVOA_V

ClientSampleId :

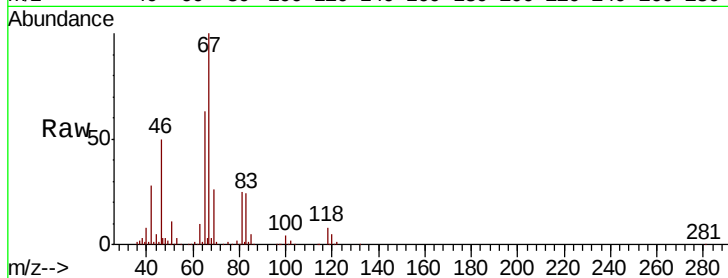
Tot Ion: 83 Resp: 38860

Ion Ratio Lower Upper

83 100

55 0.5 63.0 94.4#

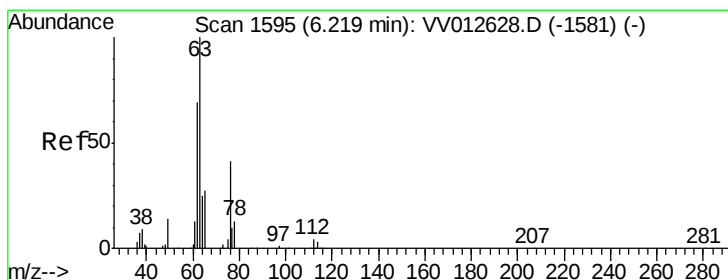
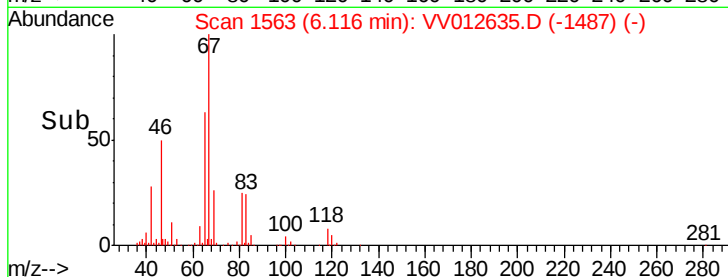
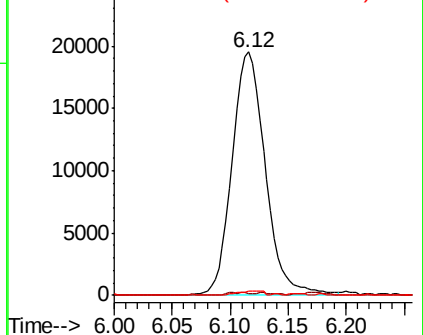
98 1.4 39.8 59.8#



Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0



#37

1,2-Dichloropropane

Concen: 0.565 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VV012635.D

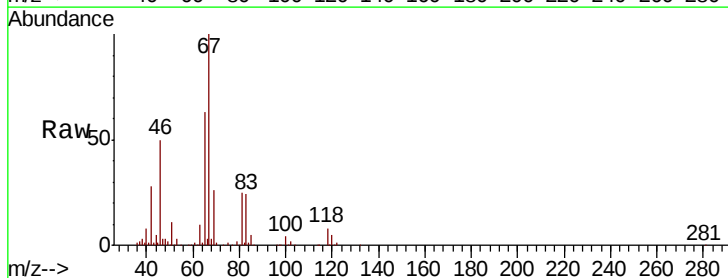
Acq: 09 Sep 2019 20:55

Tgt Ion: 63 Resp: 16534

Ion Ratio Lower Upper

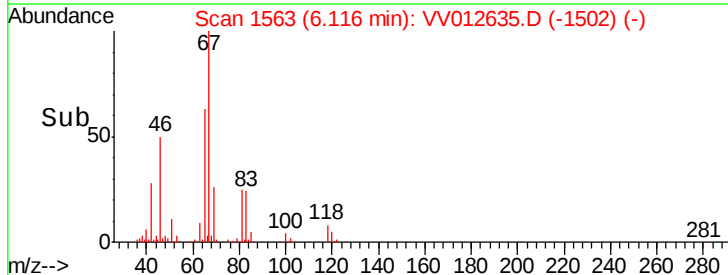
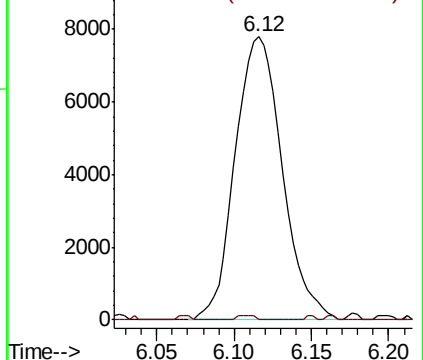
63 100

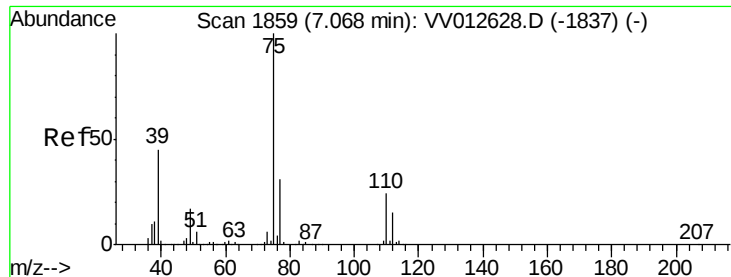
112 0.6 3.8 5.6#



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 112.10 (111.80 to 112.80): V





#39

cis-1,3-Dichloropropene

Concen: 0.096 ug/L

RT: 7.03 min Scan# 1846

Delta R.T. -0.04 min

Lab File: VV012635.D

Acq: 09 Sep 2019 20:55

Instrument :

MSVOA_V

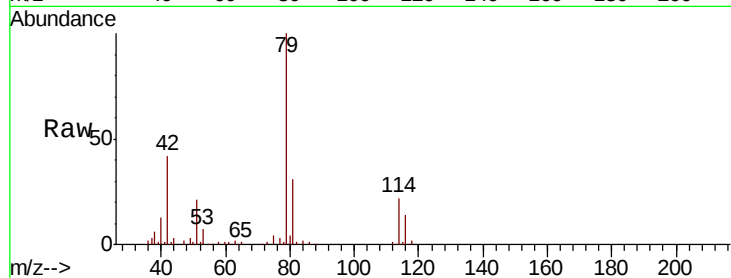
ClientSampleId :

Tot Ion: 75 Resp: 3679

Ion Ratio Lower Upper

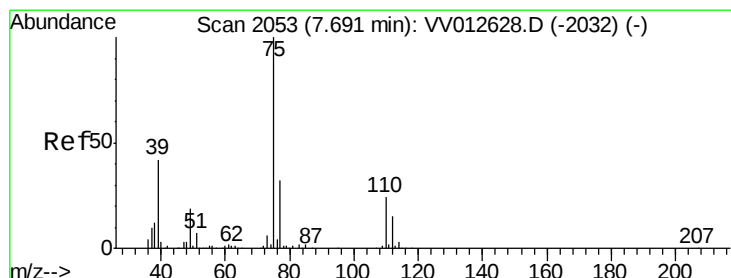
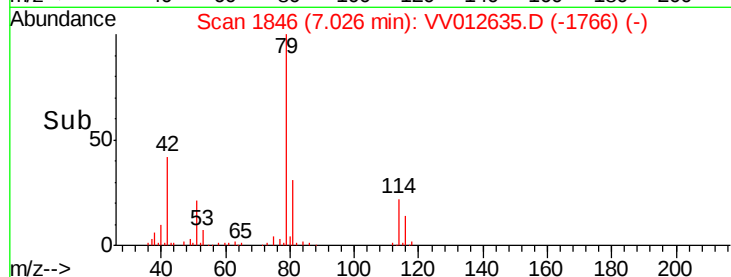
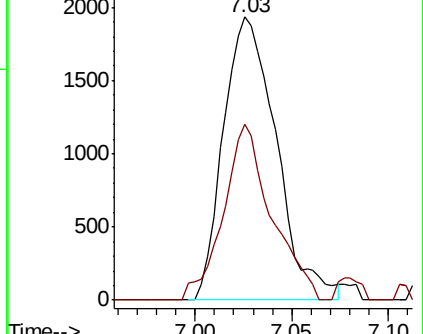
75 100

77 62.4 22.3 41.3#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#44

trans-1,3-Dichloropropene

Concen: 0.083 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV012635.D

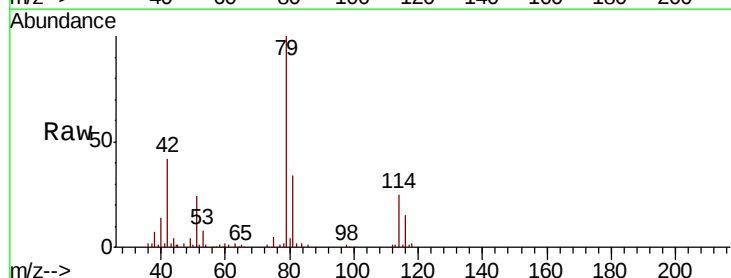
Acq: 09 Sep 2019 20:55

Tgt Ion: 75 Resp: 2398

Ion Ratio Lower Upper

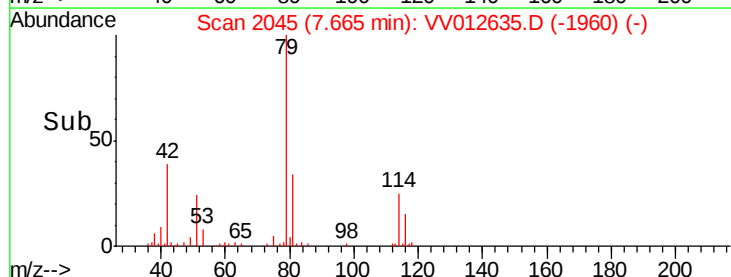
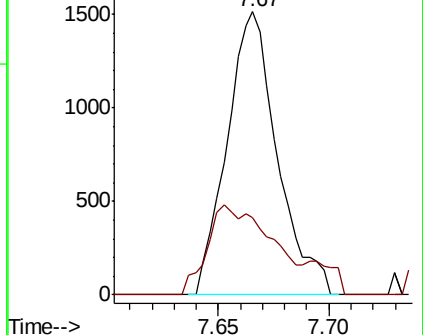
75 100

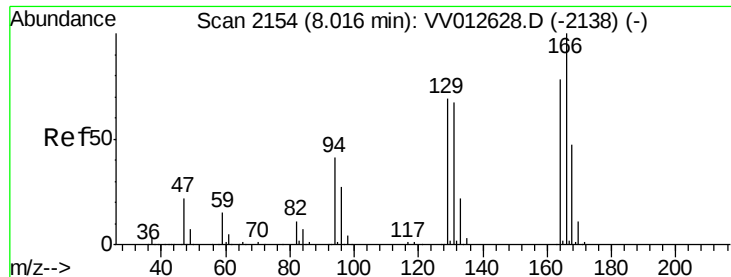
77 27.5 22.4 41.6



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

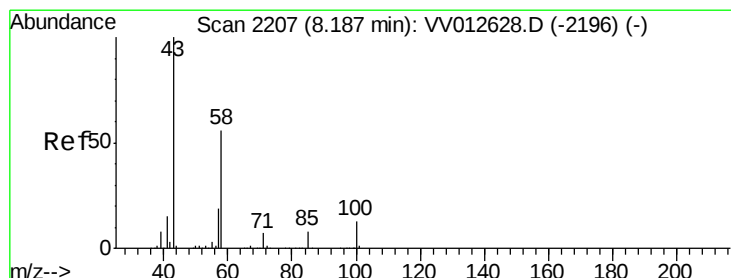
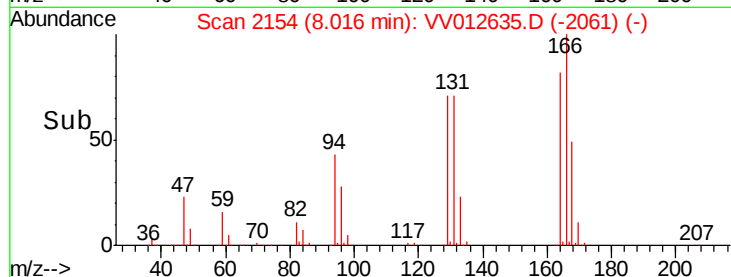
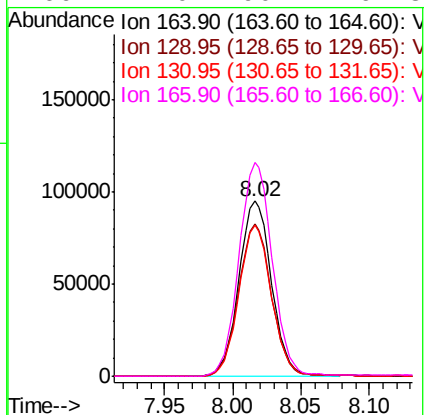
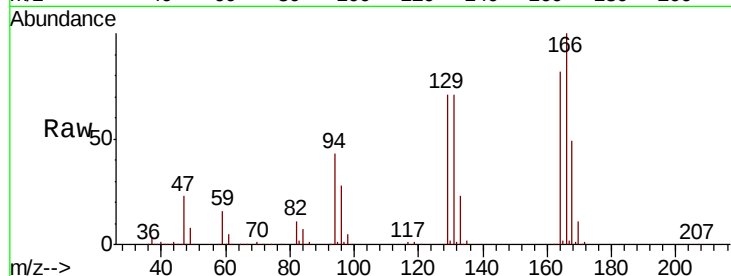




#47
Tetrachloroethene
Concen: 6.206 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.00 min
Lab File: VV012635.D
Acq: 09 Sep 2019 20:55

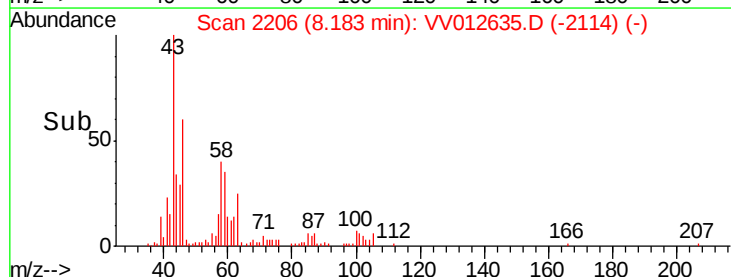
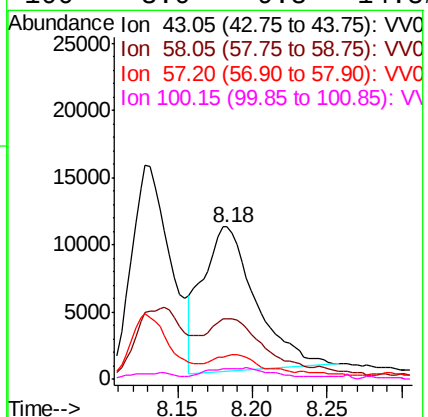
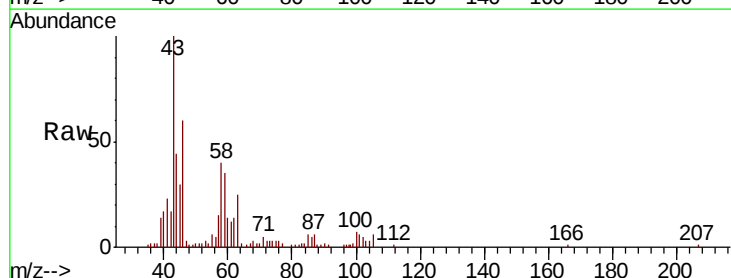
Instrument :
MSVOA_V
ClientSampleId :

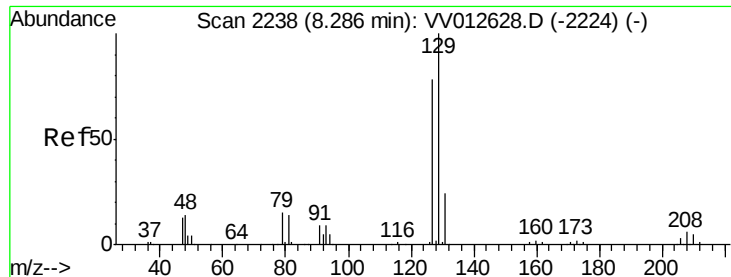
Tot Ion:	164	Resp:	158075
Ion	Ratio	Lower	Upper
164	100		
129	86.7	61.9	114.9
131	86.3	59.7	110.9
166	122.0	90.4	167.8



#48
2-Hexanone
Concen: 2.294 ug/L
RT: 8.18 min Scan# 2206
Delta R.T. -0.00 min
Lab File: VV012635.D
Acq: 09 Sep 2019 20:55

Tgt Ion:	43	Resp:	26614
Ion	Ratio	Lower	Upper
43	100		
58	44.9	44.8	67.2
57	14.9	14.9	22.3
100	3.0	9.8	14.8#





#49

Dibromochloromethane

Concen: 5.451 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. -0.27 min

Lab File: VV012635.D

Acq: 09 Sep 2019 20:55

Instrument :

MSVOA_V

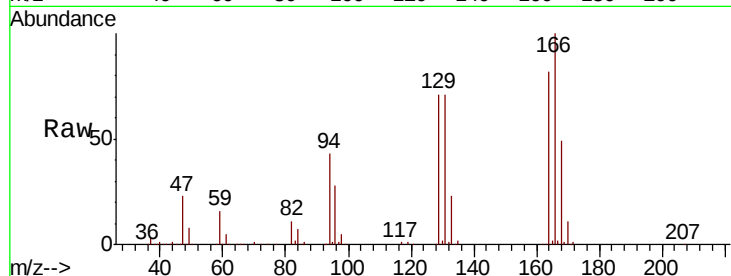
ClientSampleId :

Tot Ion:129 Resp: 132071

Ion Ratio Lower Upper

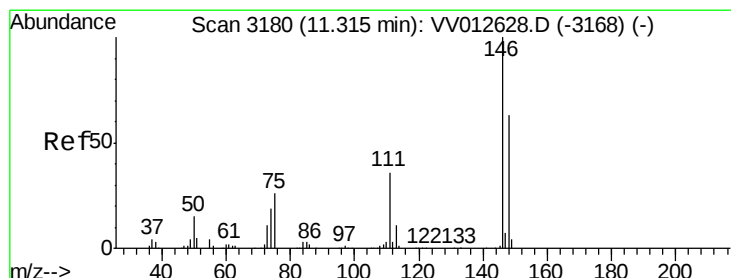
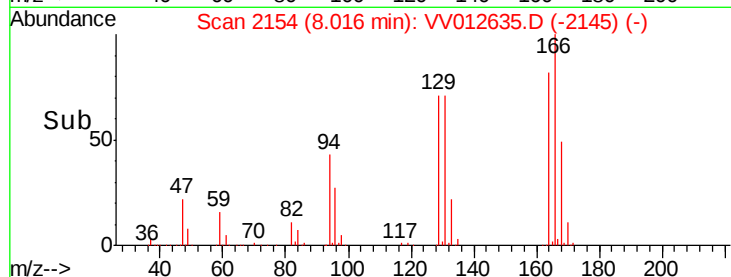
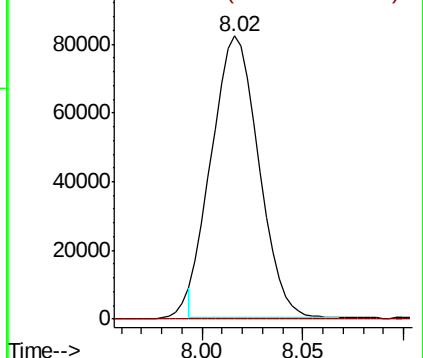
129 100

127 0.0 53.5 99.5#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V



#63

1,4-Dichlorobenzene

Concen: 0.100 ug/L

RT: 11.31 min Scan# 3180

Delta R.T. -0.00 min

Lab File: VV012635.D

Acq: 09 Sep 2019 20:55

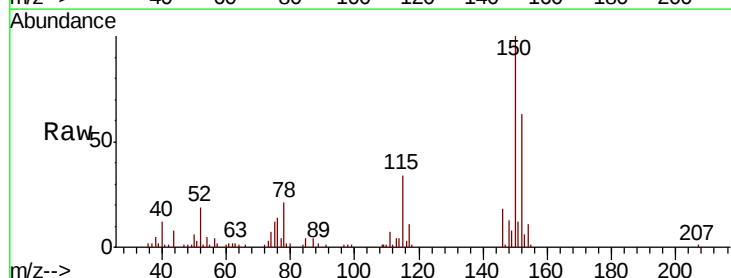
Tgt Ion:146 Resp: 5314

Ion Ratio Lower Upper

146 100

111 41.5 25.9 48.1

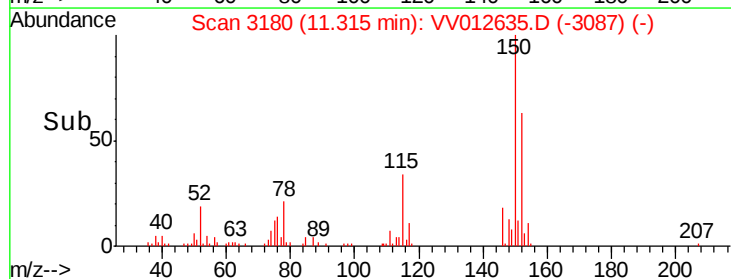
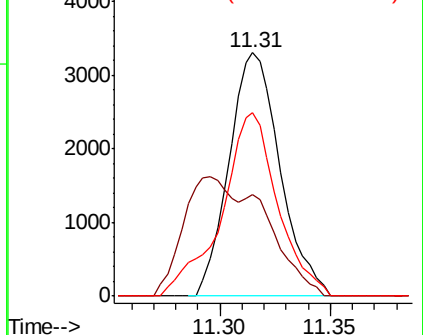
148 75.3 45.1 83.7

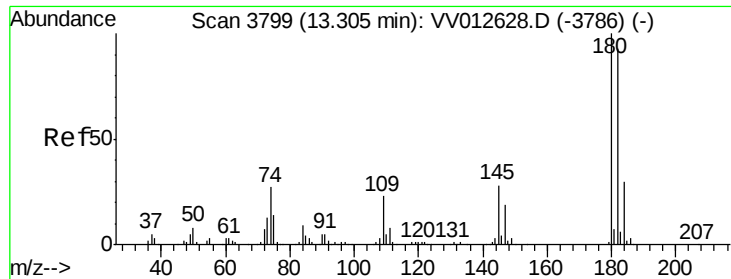


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

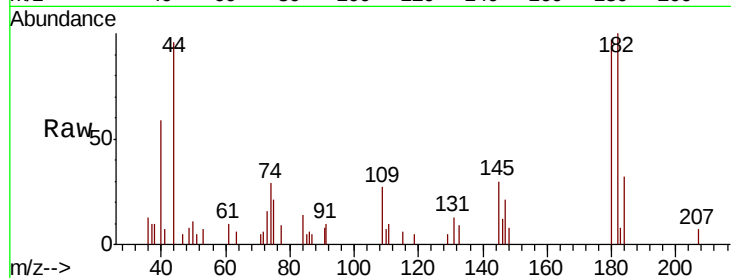




#68
 1,2,4-trichlorobenzene
 Concen: 0.111 ug/L
 RT: 13.31 min Scan# 3801
 Delta R.T. 0.01 min
 Lab File: VV012635.D
 Acq: 09 Sep 2019 20:55

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	100.5	76.1	114.1
145	31.8	23.2	34.8



Abundance

Ion 179.90 (179.60 to 180.60): V

Ion 182.00 (181.70 to 182.70): V

Ion 144.95 (144.65 to 145.65): V

