

Data File : VV011279.D
Acq On : 07 Jun 2019 08:13
Operator : SY/MD
Sample : K3228-03
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9P02

Quant Time: Jun 08 00:04:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 08 00:01:28 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	157138	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	165887	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	67825	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.42	65	263	0.02	ug/L	0.11
Spiked Amount	5.000	Range	40 - 130	Recovery	=	0.40%#
7) Chloroethane-d5	1.56	69	42220	4.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.40%
11) 1,1-Dichloroethene-d2	2.12	63	34	0.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	0.00%#
20) 2-Butanone-d5	3.94	46	145647	54.33	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.66%
24) Chloroform-d	4.40	84	95245	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
26) 1,2-Dichloroethane-d4	5.08	65	54503	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
32) Benzene-d6	5.09	84	157392	3.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	63.40%#
36) 1,2-Dichloropropane-d6	6.12	67	60986	3.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.80%
41) Toluene-d8	7.36	98	328	0.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	0.20%#
43) trans-1,3-Dichloropropene-	7.64	79	105	0.02	ug/L	-0.02
Spiked Amount	5.000	Range	55 - 130	Recovery	=	0.40%#
46) 2-Hexanone-d5	8.13	63	114719	46.60	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.20%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	44819	4.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	60103	4.49	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.80%

Target Compounds

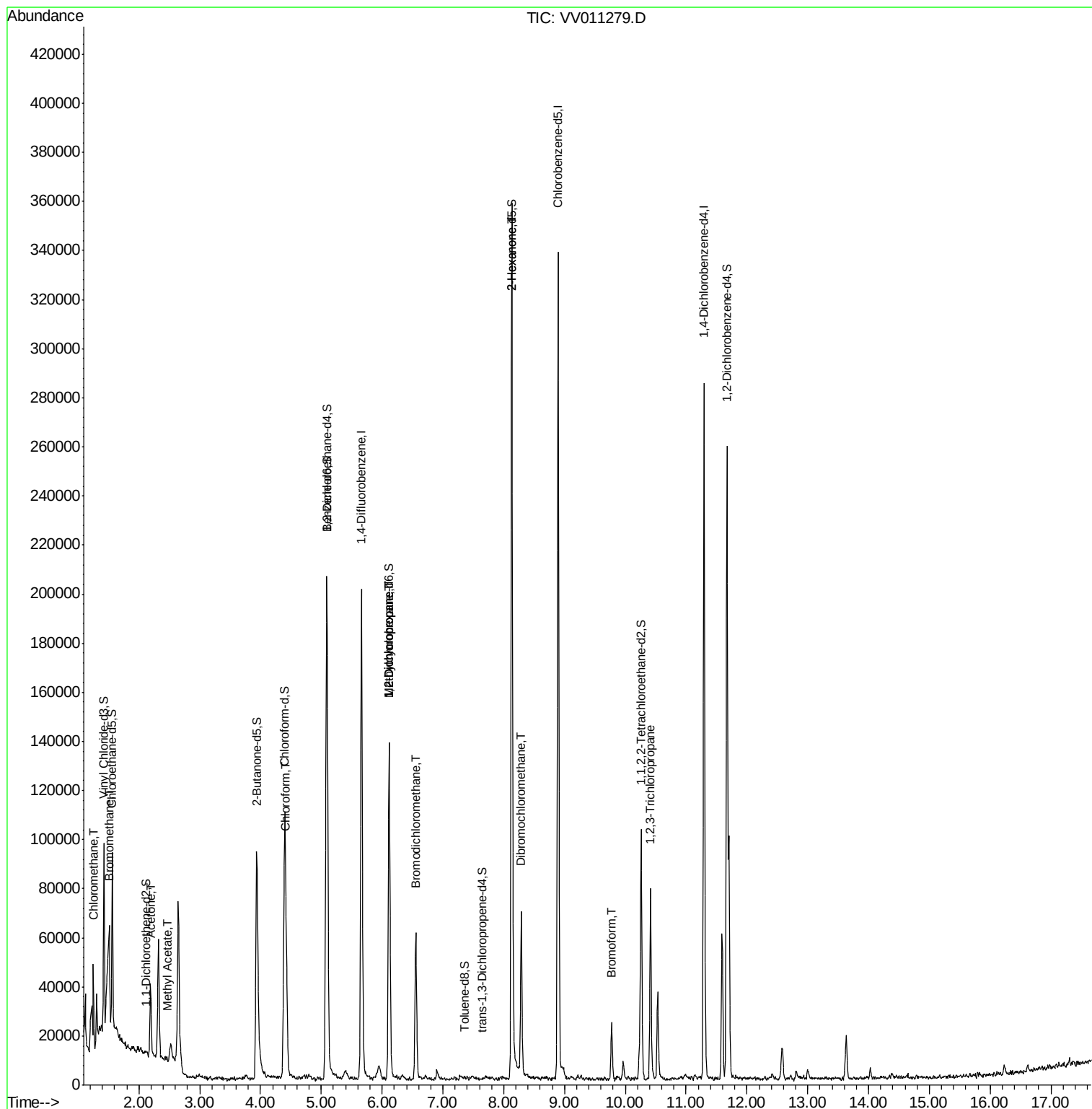
					Qvalue
3) Chloromethane	1.25	50	18128	1.210	ug/L 99
6) Bromomethane	1.51	94	1501	0.200	ug/L 95
13) Acetone	2.19	43	25804	14.357	ug/L 98
15) Methyl Acetate	2.47	43	1047	0.219	ug/L # 60
25) Chloroform	4.42	83	33279	1.474	ug/L 97
35) Methylcyclohexane	6.11	83	14674	0.651	ug/L # 17
37) 1,2-Dichloropropane	6.12	63	7506	0.571	ug/L # 87
38) Bromodichloromethane	6.55	83	37115	2.285	ug/L 100
48) 2-Hexanone	8.13	43	16426	2.815	ug/L # 69
49) Dibromochloromethane	8.29	129	30620	3.205	ug/L 97
59) 1,2,3-Trichloropropane	10.42	75	1199	0.156	ug/L 92
61) Bromoform	9.77	173	9024	2.215	ug/L 97

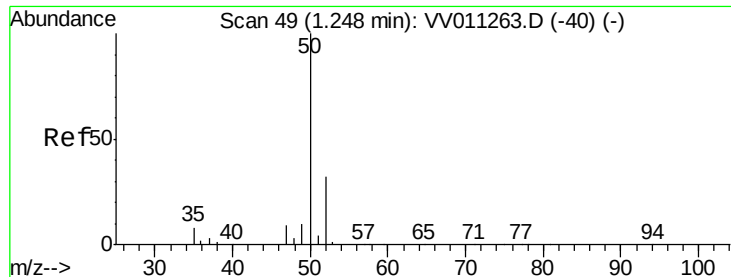
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 1.210 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

Lab File: VV011279.D

Acq: 07 Jun 2019 08:13

Instrument :

MSVOA_V

ClientSampleId :

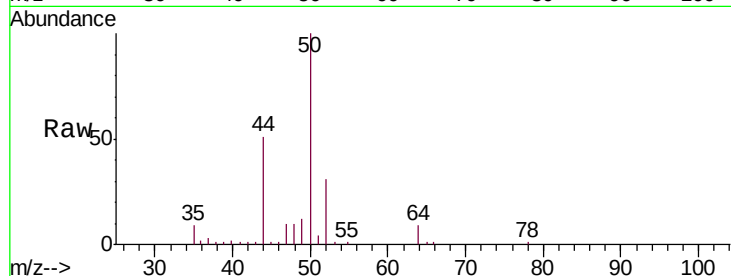
F9P02

Tgt Ion: 50 Resp: 18128

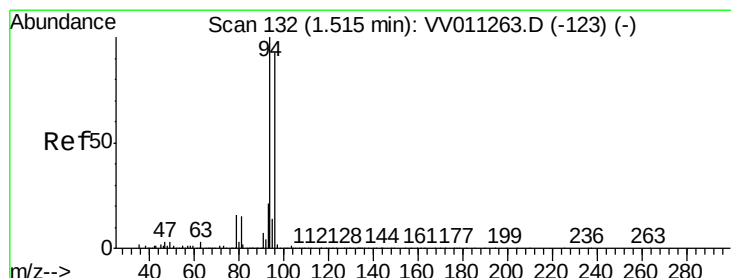
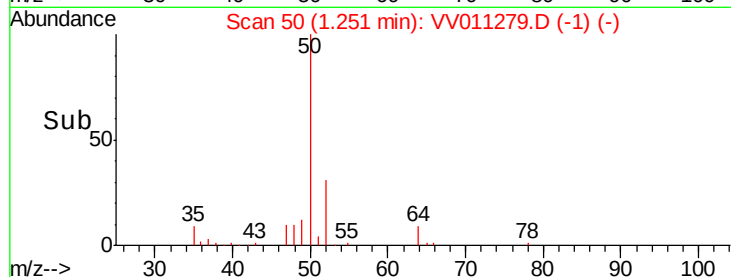
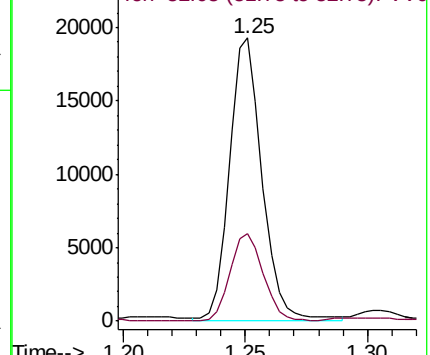
Ion Ratio Lower Upper

50 100

52 31.1 22.3 41.5



Abundance Ion 50.05 (49.75 to 50.75): VV011279.D (-1) (-)



#6

Bromomethane

Concen: 0.200 ug/L

RT: 1.51 min Scan# 131

Delta R.T. -0.00 min

Lab File: VV011279.D

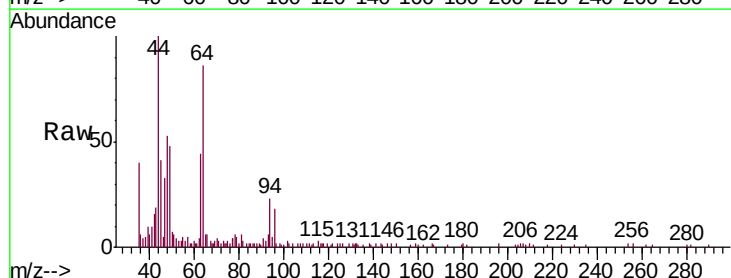
Acq: 07 Jun 2019 08:13

Tgt Ion: 94 Resp: 1501

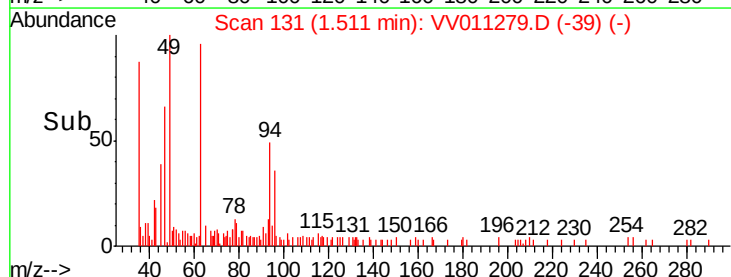
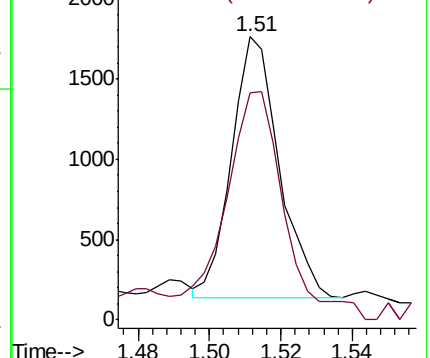
Ion Ratio Lower Upper

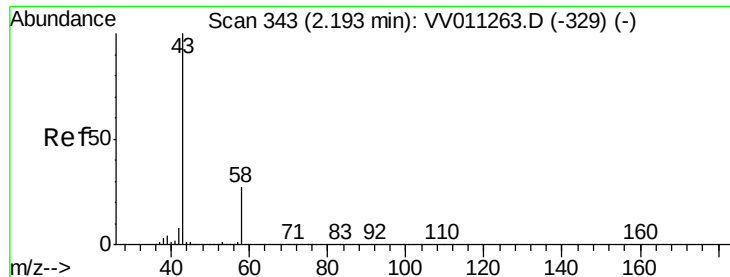
94 100

96 91.1 67.0 124.4



Abundance Ion 94.00 (93.70 to 94.70): VV011279.D (-39) (-)





#13

Acetone

Concen: 14.357 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.00 min

Lab File: VV011279.D

Acq: 07 Jun 2019 08:13

Instrument :

MSVOA_V

ClientSampleId :

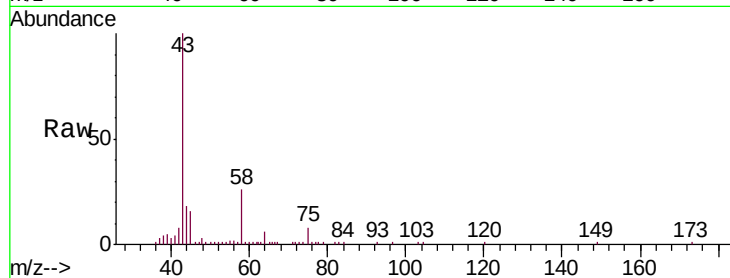
F9P02

Tgt Ion: 43 Resp: 25804

Ion Ratio Lower Upper

43 100

58 26.7 0.0 55.2



Abundance Ion 43.05 (42.75 to 43.75): VV011263.D (-329) (-)

Ion 58.05 (57.75 to 58.75): VV011263.D (-329) (-)

20000

15000

10000

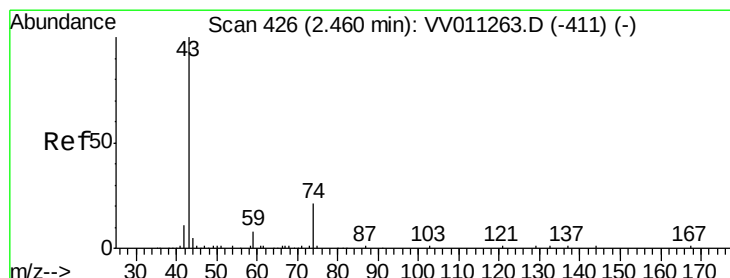
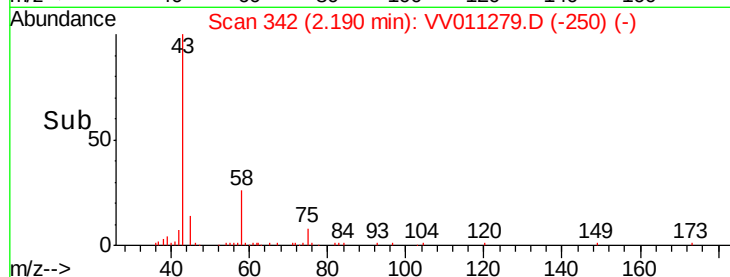
5000

0

Time-->

2.15 2.20 2.25

2.19



#15

Methyl Acetate

Concen: 0.219 ug/L

RT: 2.47 min Scan# 428

Delta R.T. 0.01 min

Lab File: VV011279.D

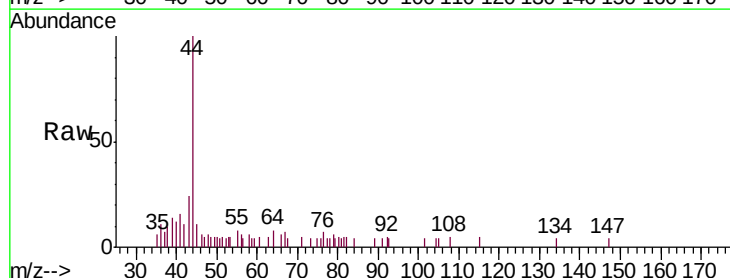
Acq: 07 Jun 2019 08:13

Tgt Ion: 43 Resp: 1047

Ion Ratio Lower Upper

43 100

74 3.7 18.5 27.7#



Abundance Ion 43.05 (42.75 to 43.75): VV011263.D (-411) (-)

Ion 74.05 (73.75 to 74.75): VV011263.D (-411) (-)

600

400

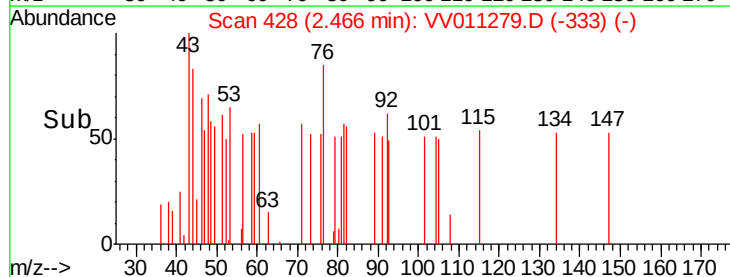
200

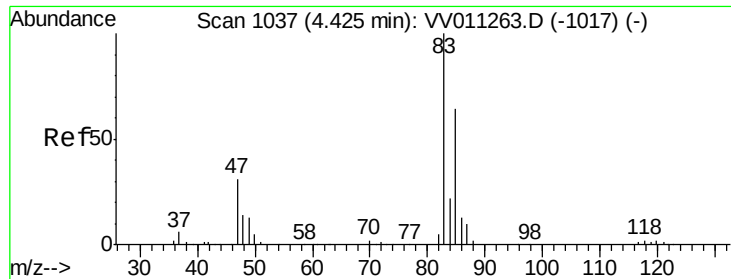
0

Time-->

2.44 2.46 2.48 2.50

2.47

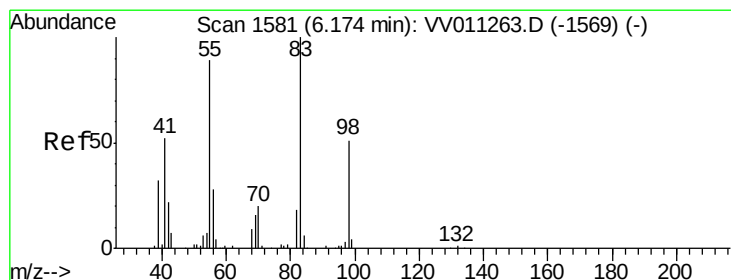
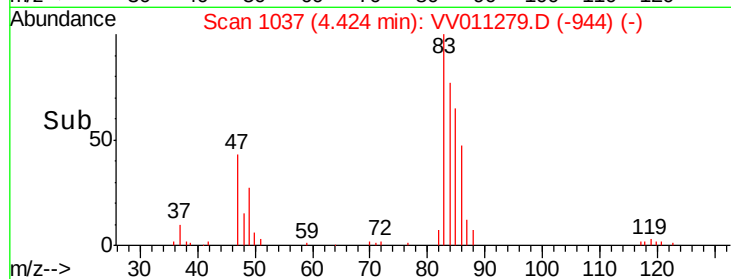
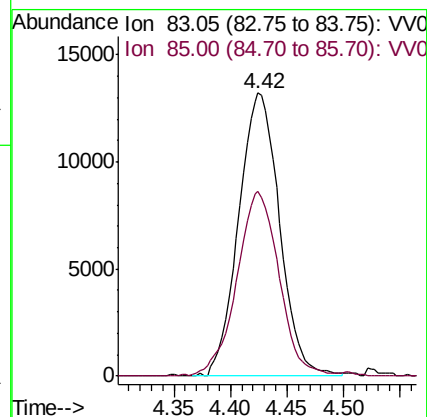
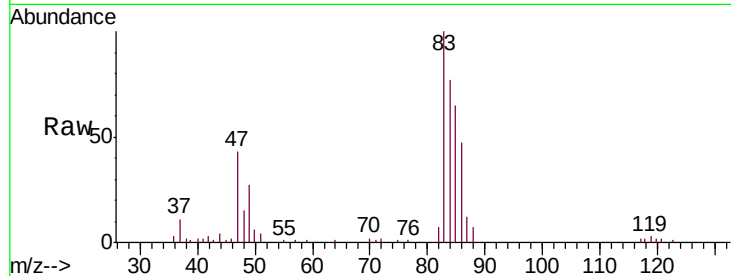




#25
Chloroform
Concen: 1.474 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VV011279.D
Acq: 07 Jun 2019 08:13

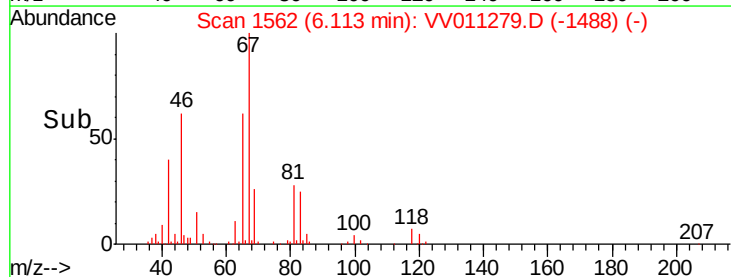
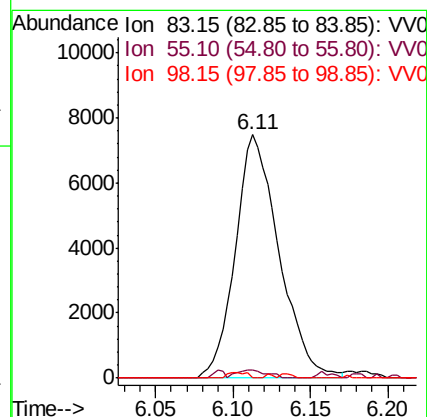
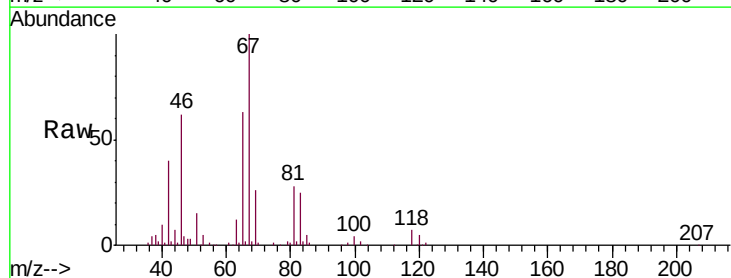
Instrument :
MSVOA_V
ClientSampled :
F9P02

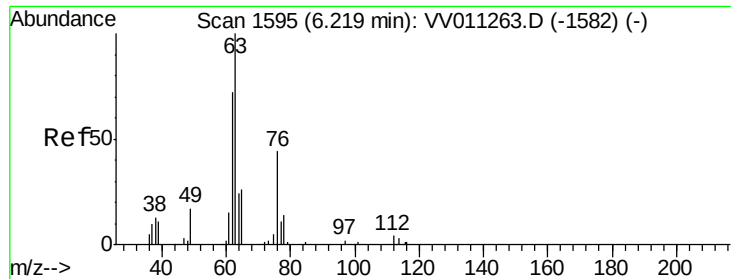
Tgt Ion: 83 Resp: 33279
Ion Ratio Lower Upper
83 100
85 65.2 44.1 81.9



#35
Methylcyclohexane
Concen: 0.651 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV011279.D
Acq: 07 Jun 2019 08:13

Tgt Ion: 83 Resp: 14674
Ion Ratio Lower Upper
83 100
55 2.3 67.0 100.6#
98 1.0 40.0 60.0#

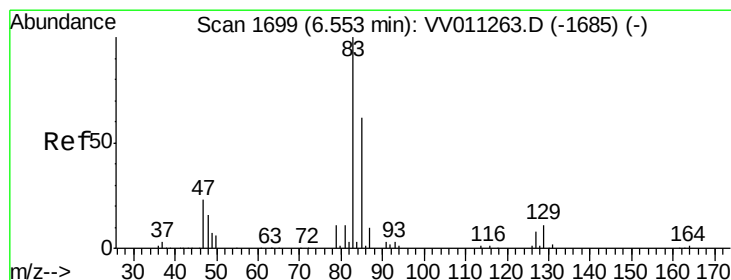
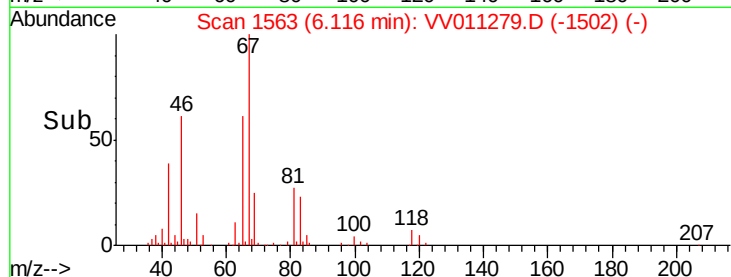
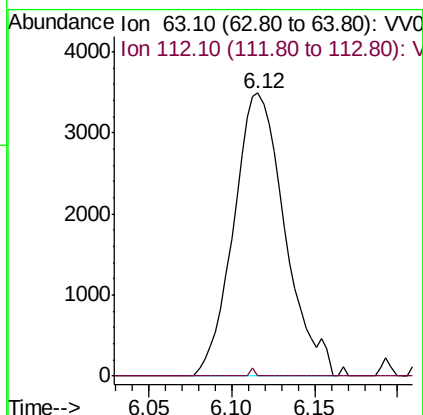
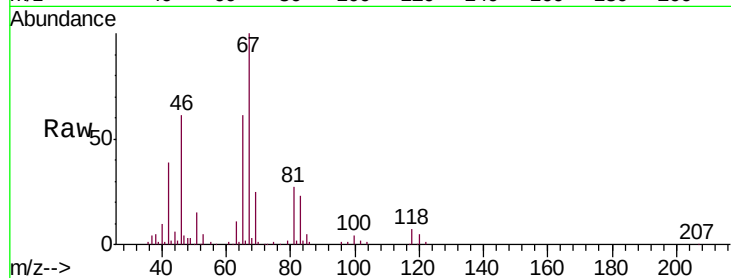




#37
 1,2-Dichloropropane
 Concen: 0.571 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV011279.D
 Acq: 07 Jun 2019 08:13

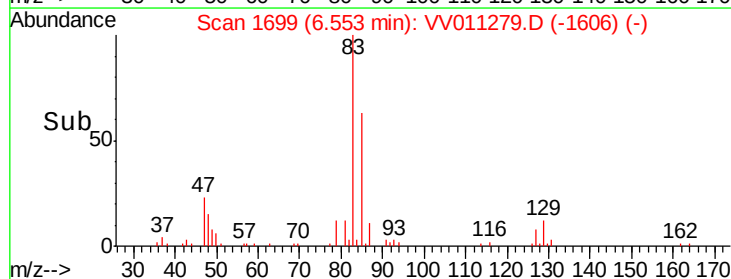
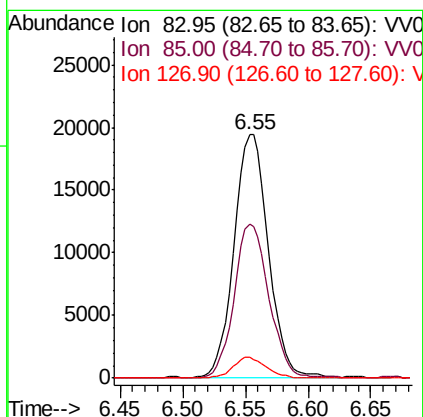
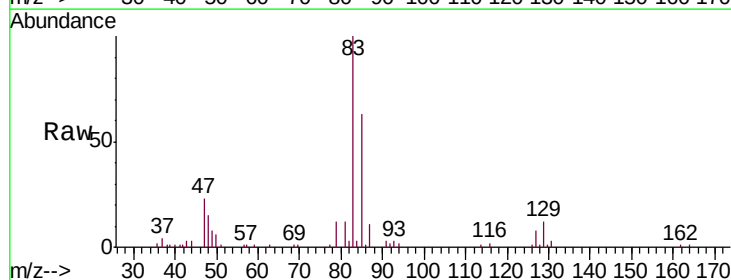
Instrument :
 MSVOA_V
 ClientSampleId :
 F9P02

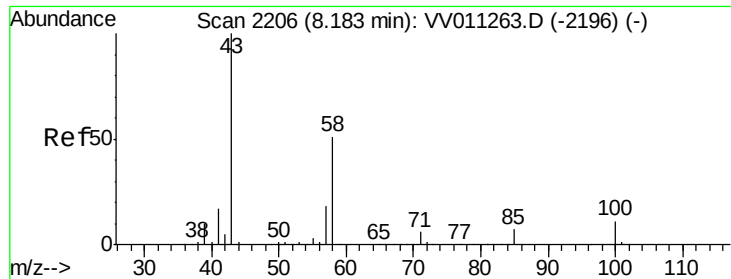
Tgt Ion: 63 Resp: 7506
 Ion Ratio Lower Upper
 63 100
 112 0.3 3.6 5.4#



#38
 Bromodichloromethane
 Concen: 2.285 ug/L
 RT: 6.55 min Scan# 1699
 Delta R.T. -0.00 min
 Lab File: VV011279.D
 Acq: 07 Jun 2019 08:13

Tgt Ion: 83 Resp: 37115
 Ion Ratio Lower Upper
 83 100
 85 63.4 44.5 82.7
 127 8.4 7.0 10.4

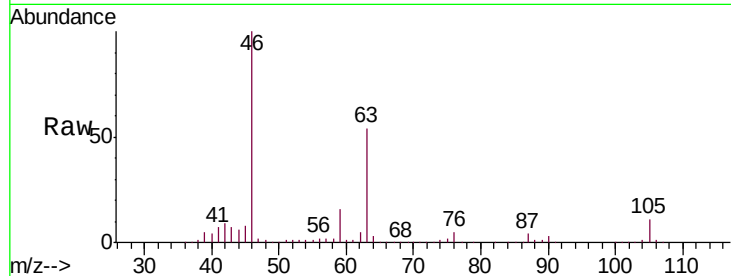




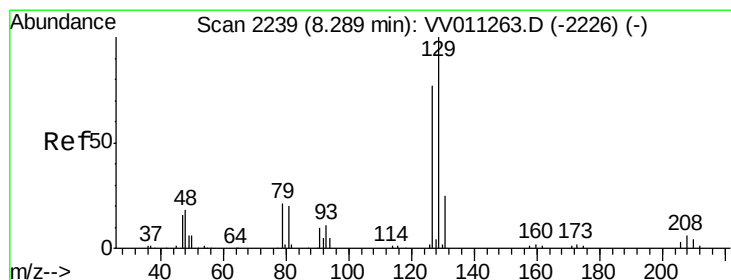
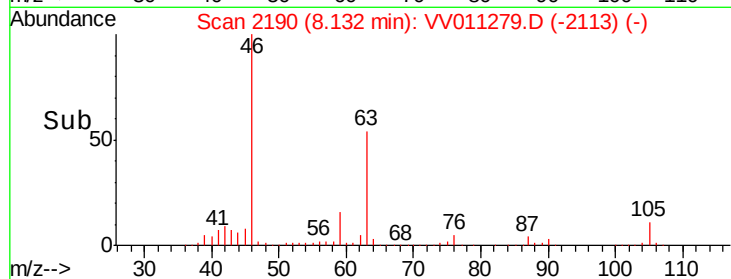
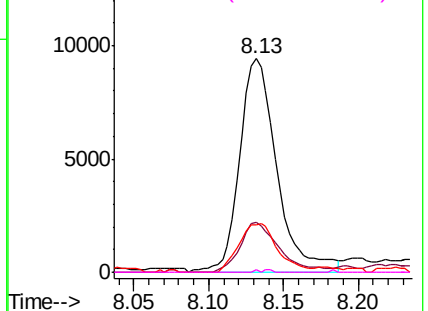
#48
2-Hexanone
Concen: 2.815 ug/L
RT: 8.13 min Scan# 2190
Delta R.T. -0.05 min
Lab File: VV011279.D
Acq: 07 Jun 2019 08:13

Instrument :
MSVOA_V
ClientSampleId :
F9P02

Tgt Ion: 43 Resp: 16426
Ion Ratio Lower Upper
43 100
58 24.0 41.4 62.0#
57 23.3 15.0 22.4#
100 0.4 9.0 13.4#

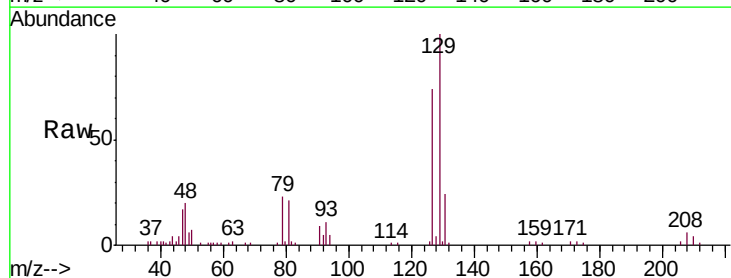


Abundance Ion 43.05 (42.75 to 43.75): VV011279.D (-2196) (-)
Ion 58.05 (57.75 to 58.75): VV011279.D (-2196) (-)
Ion 57.20 (56.90 to 57.90): VV011279.D (-2196) (-)
Ion 100.15 (99.85 to 100.85): VV011279.D (-2196) (-)

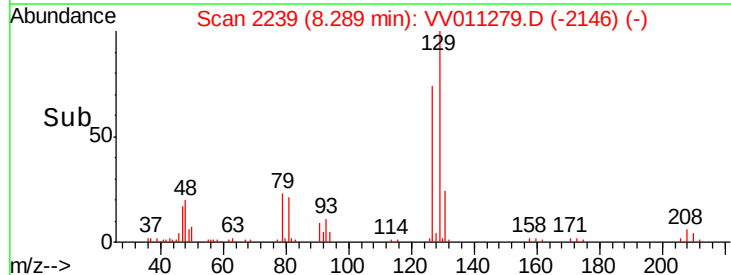
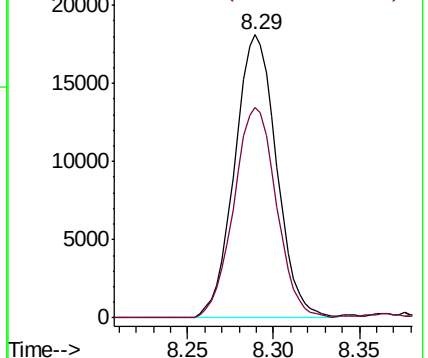


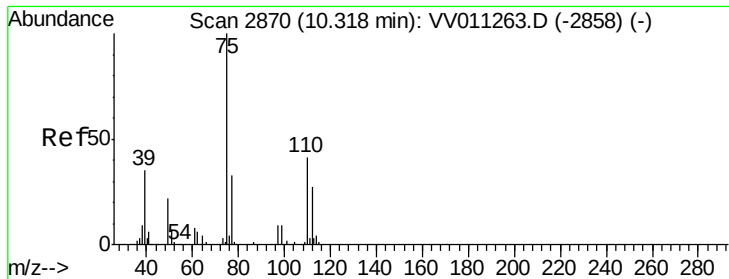
#49
Dibromochloromethane
Concen: 3.205 ug/L
RT: 8.29 min Scan# 2239
Delta R.T. -0.00 min
Lab File: VV011279.D
Acq: 07 Jun 2019 08:13

Tgt Ion: 129 Resp: 30620
Ion Ratio Lower Upper
129 100
127 74.4 53.7 99.7



Abundance Ion 128.95 (128.65 to 129.65): VV011279.D (-2146) (-)
Ion 126.90 (126.60 to 127.60): VV011279.D (-2146) (-)

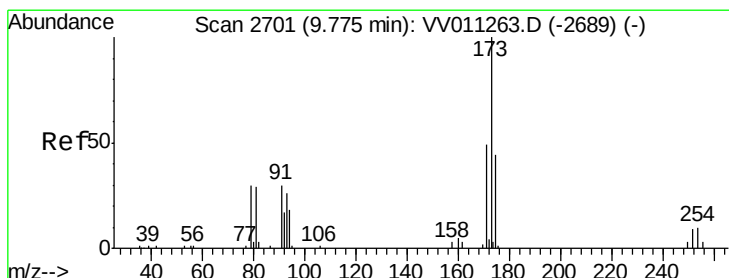
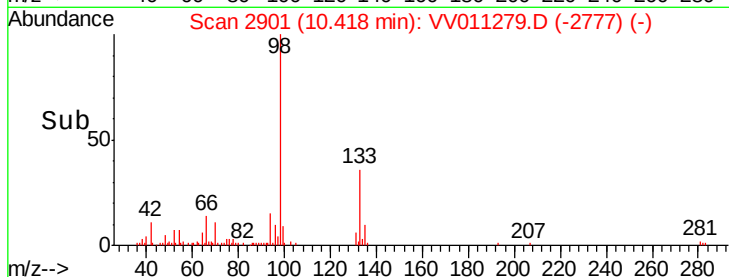
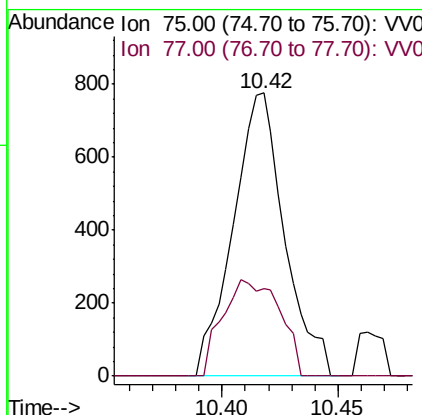
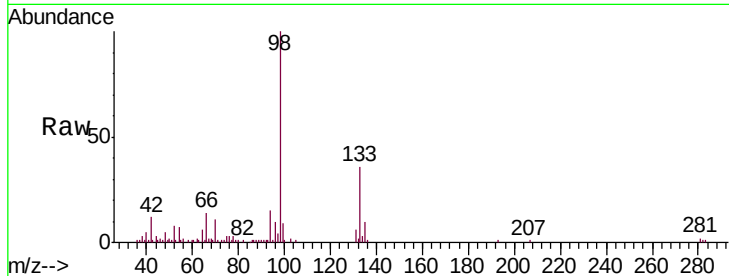




#59
 1,2,3-Trichloropropane
 Concen: 0.156 ug/L
 RT: 10.42 min Scan# 2901
 Delta R.T. 0.10 min
 Lab File: VV011279.D
 Acq: 07 Jun 2019 08:13

Instrument :
 MSVOA_V
 ClientSampleId :
 F9P02

Tgt Ion: 75 Resp: 1199
 Ion Ratio Lower Upper
 75 100
 77 37.8 26.7 40.1



#61
 Bromoform
 Concen: 2.215 ug/L
 RT: 9.77 min Scan# 2701
 Delta R.T. -0.00 min
 Lab File: VV011279.D
 Acq: 07 Jun 2019 08:13

Tgt Ion: 173 Resp: 9024
 Ion Ratio Lower Upper
 173 100
 175 48.8 37.0 55.4
 254 8.7 6.9 10.3

