

Data File : VV013227.D
Acq On : 19 Oct 2019 02:27
Operator : SY/MD
Sample : K5321-13
Misc : 25.00ML/MSVOA_V/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0AB0

Quant Time: Oct 19 06:40:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 19 06:35:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	405496	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	447147	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	224578	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	194315	4.66	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.20%
7) Chloroethane-d5	1.58	69	163026	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.00%
11) 1,1-Dichloroethene-d2	2.13	63	230022	3.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.40%
20) 2-Butanone-d5	3.97	46	521291	61.15	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.30%
24) Chloroform-d	4.40	84	395554	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
26) 1,2-Dichloroethane-d4	5.08	65	202720	5.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.20%
32) Benzene-d6	5.09	84	797277	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
36) 1,2-Dichloropropane-d6	6.12	67	255285	5.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.20%
41) Toluene-d8	7.36	98	639914	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.20%
43) trans-1,3-Dichloropropene-	7.66	79	75493	4.16	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.20%
46) 2-Hexanone-d5	8.13	63	356278	48.84	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.68%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	190254	5.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	286172	6.01	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	120.20%#

Target Compounds

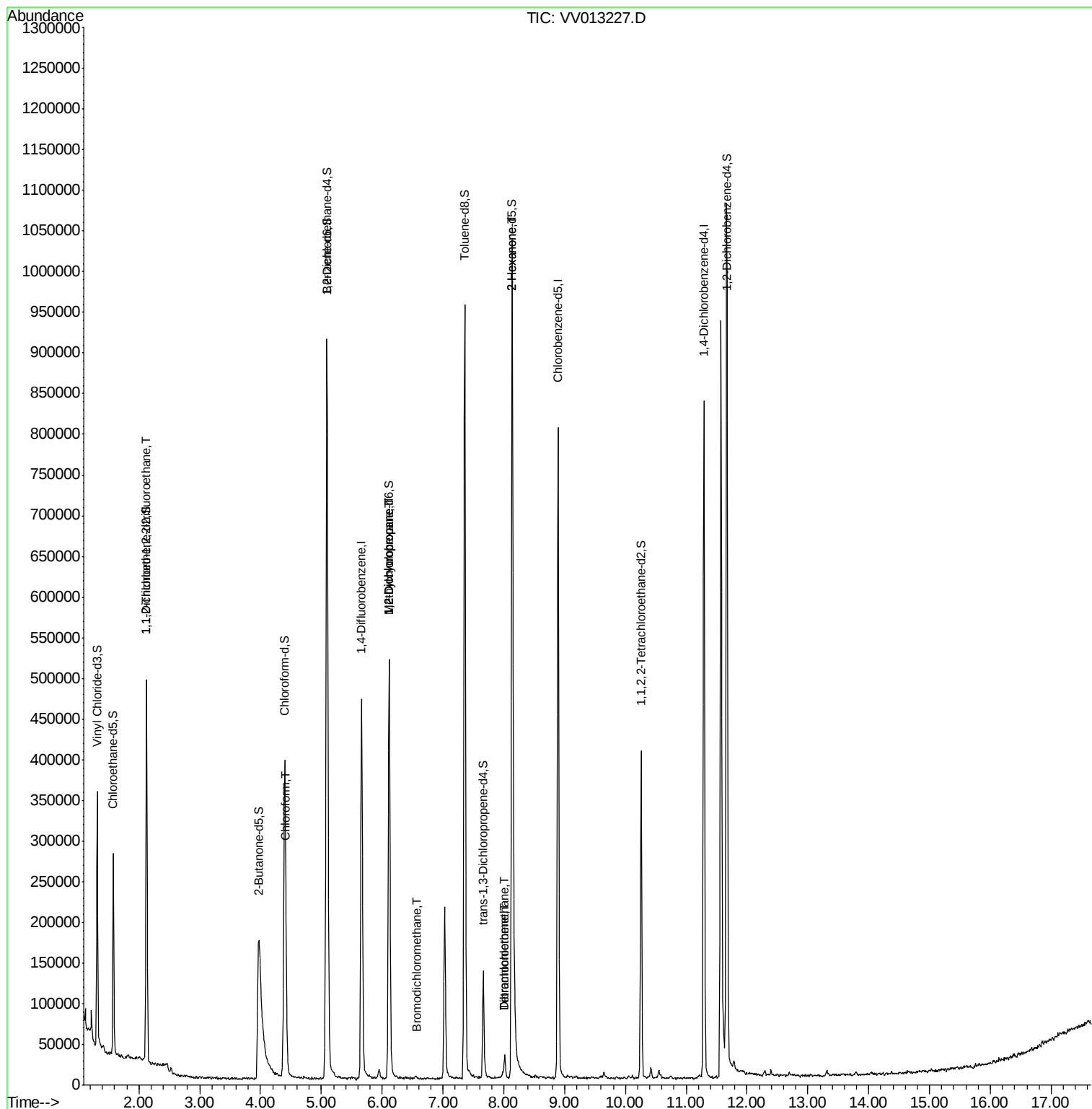
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	2774	0.081 ug/L #	18
25) Chloroform	4.42	83	30933	0.379 ug/L	90
35) Methylcyclohexane	6.12	83	62033	0.866 ug/L #	18
37) 1,2-Dichloropropane	6.11	63	27391	0.617 ug/L #	88
38) Bromodichloromethane	6.55	83	2781	0.050 ug/L	92
47) Tetrachloroethene	8.02	164	6506	0.159 ug/L	95
48) 2-Hexanone	8.13	43	56249	3.242 ug/L #	88
49) Dibromochloromethane	8.01	129	5844	0.160 ug/L #	11

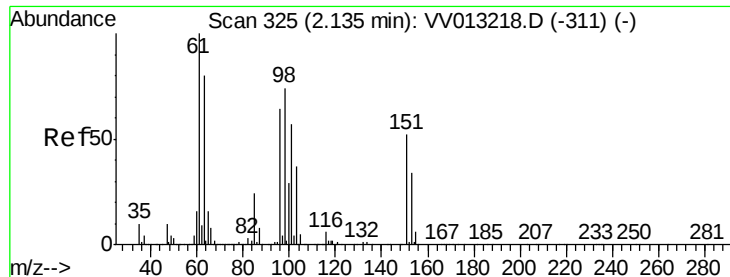
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV013227.D
Acq On : 19 Oct 2019 02:27
Operator : SY/MD
Sample : K5321-13
Misc : 25.00ML/MSVOA_V/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0AB0

Quant Time: Oct 19 06:40:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 19 06:35:52 2019
Response via : Initial Calibration





#10

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

Concen: 0.081 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV013227.D

Acq: 19 Oct 2019 02:27

Instrument :

MSVOA_V

ClientSampleId :

E0AB0

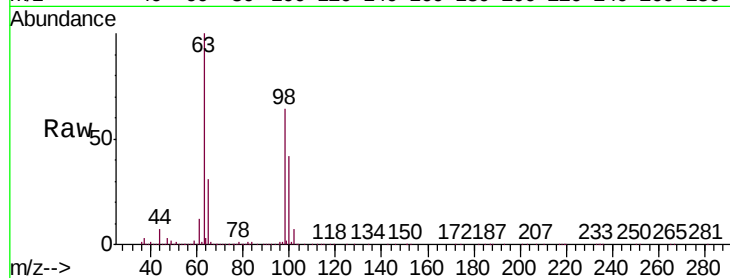
Tgt Ion:101 Resp: 2774

Ion Ratio Lower Upper

101 100

85 0.0 32.4 48.6#

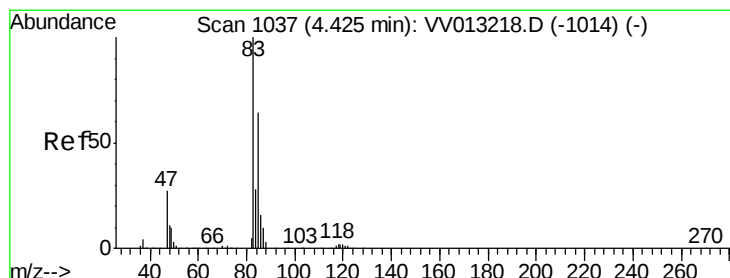
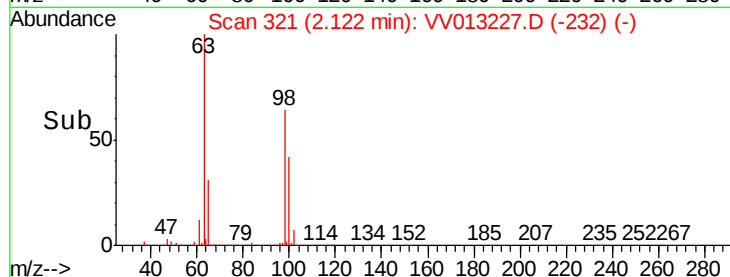
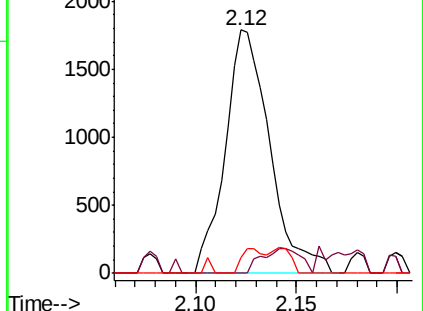
151 5.3 71.9 107.9#



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



#25

Chloroform

Concen: 0.379 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. -0.00 min

Lab File: VV013227.D

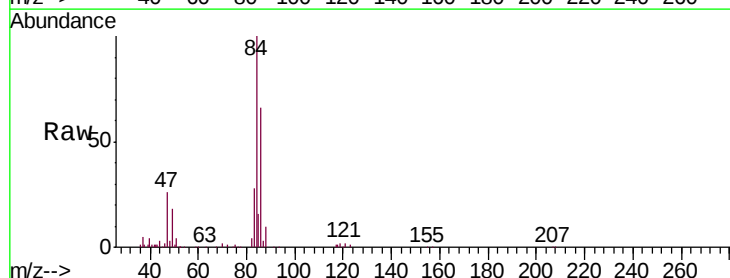
Acq: 19 Oct 2019 02:27

Tgt Ion: 83 Resp: 30933

Ion Ratio Lower Upper

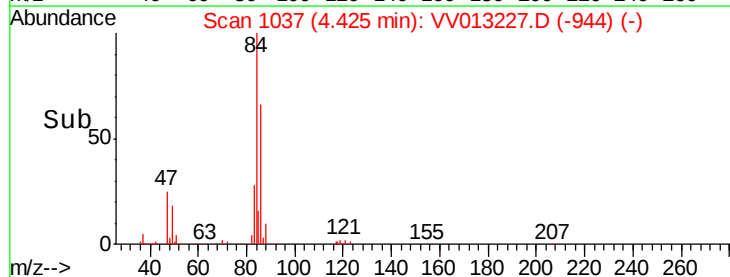
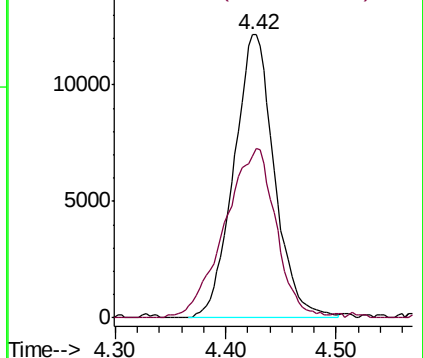
83 100

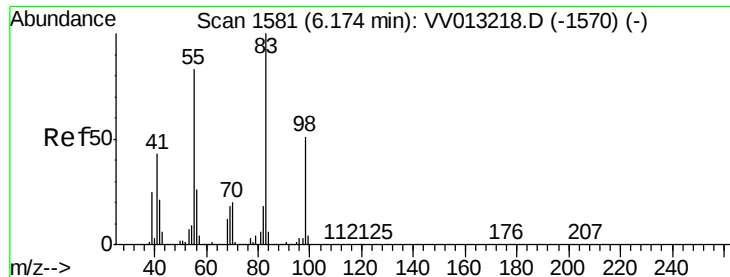
85 57.0 45.5 84.5



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0

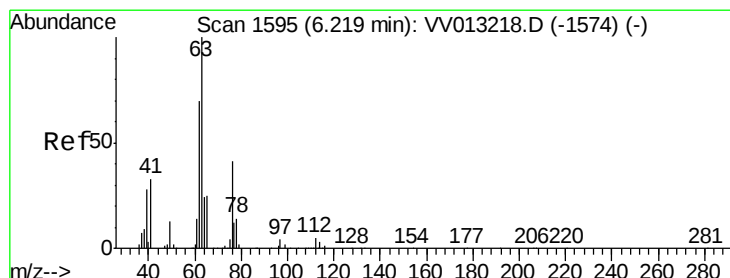
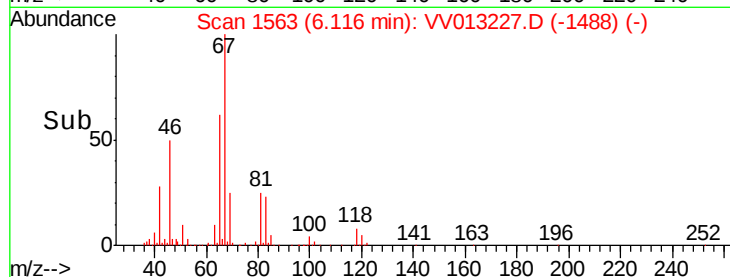
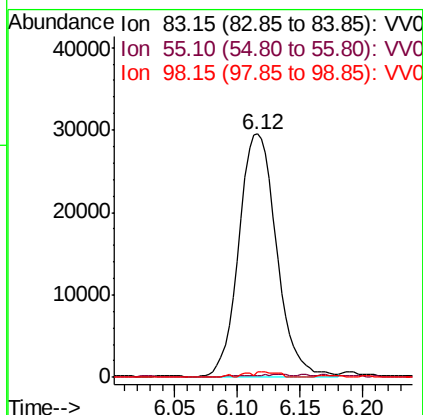
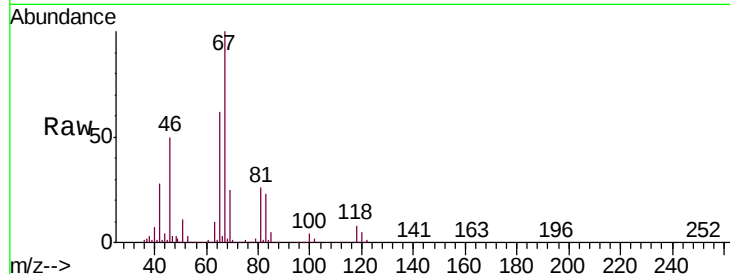




#35
Methylcyclohexane
Concen: 0.866 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV013227.D
Acq: 19 Oct 2019 02:27

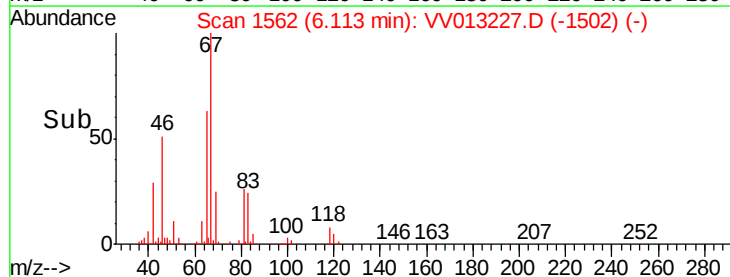
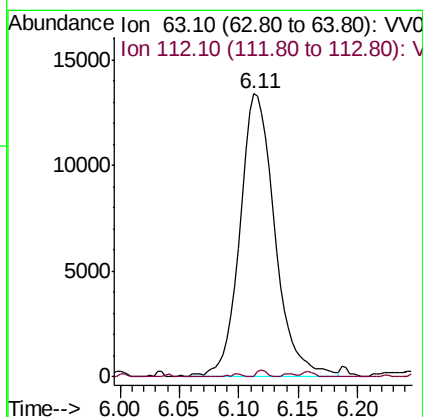
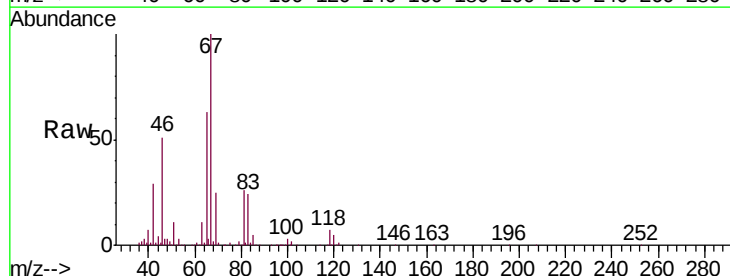
Instrument :
MSVOA_V
ClientSampleId :
E0AB0

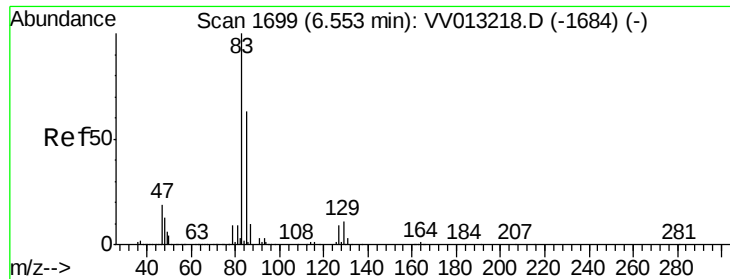
Tgt Ion: 83 Resp: 62033
Ion Ratio Lower Upper
83 100
55 0.5 64.0 96.0#
98 1.2 38.6 57.8#



#37
1,2-Dichloropropane
Concen: 0.617 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.11 min
Lab File: VV013227.D
Acq: 19 Oct 2019 02:27

Tgt Ion: 63 Resp: 27391
Ion Ratio Lower Upper
63 100
112 0.7 3.8 5.8#





#38

Bromodichloromethane

Concen: 0.050 ug/L

RT: 6.55 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VV013227.D

Acq: 19 Oct 2019 02:27

Instrument :

MSVOA_V

ClientSampleId :

E0AB0

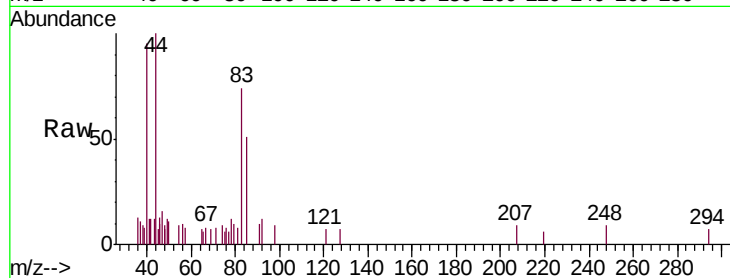
Tgt Ion: 83 Resp: 2781

Ion Ratio Lower Upper

83 100

85 69.7 44.0 81.6

127 10.0 7.0 10.6

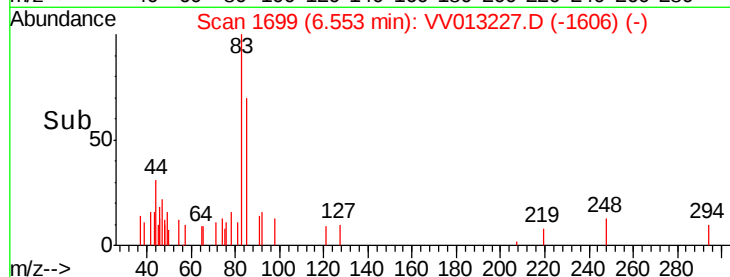


Abundance Ion 82.95 (82.65 to 83.65): VV013227.D (-1606) (-)

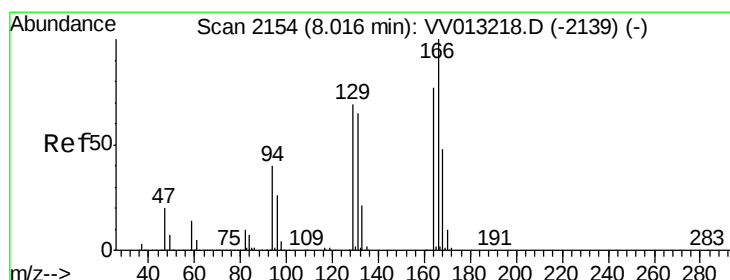
Ion 85.00 (84.70 to 85.70): VV013227.D (-1606) (-)

Ion 126.90 (126.60 to 127.60): VV013227.D (-1606) (-)

Time-->



Time-->



#47

Tetrachloroethene

Concen: 0.159 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. -0.00 min

Lab File: VV013227.D

Acq: 19 Oct 2019 02:27

Tgt Ion: 164 Resp: 6506

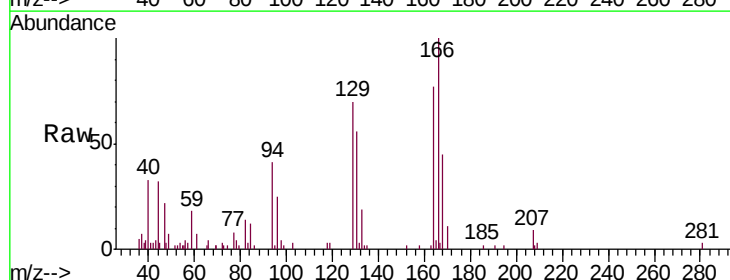
Ion Ratio Lower Upper

164 100

129 91.8 62.2 115.4

131 73.2 59.9 111.3

166 130.3 91.1 169.1



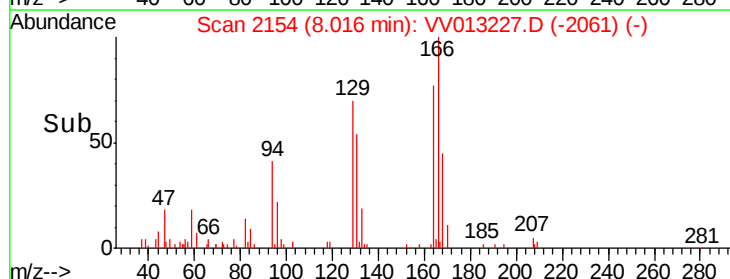
Abundance Ion 163.90 (163.60 to 164.60): VV013227.D (-2061) (-)

Ion 128.95 (128.65 to 129.65): VV013227.D (-2061) (-)

Ion 130.95 (130.65 to 131.65): VV013227.D (-2061) (-)

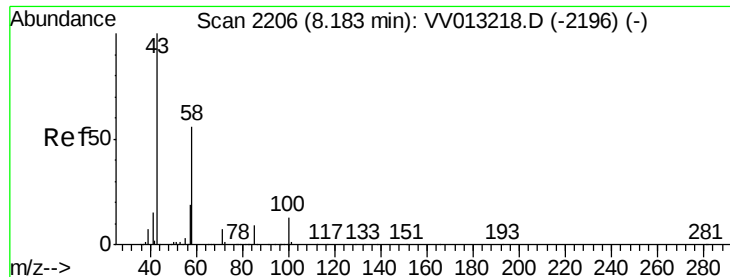
Ion 165.90 (165.60 to 166.60): VV013227.D (-2061) (-)

Time-->



Time-->

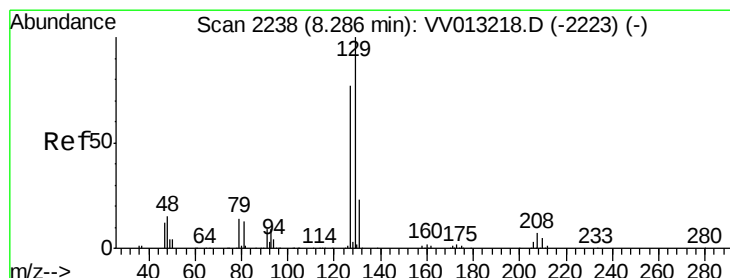
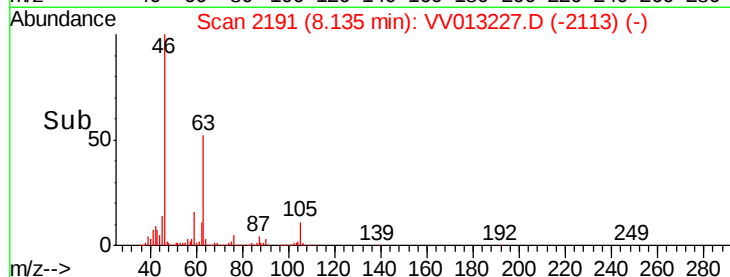
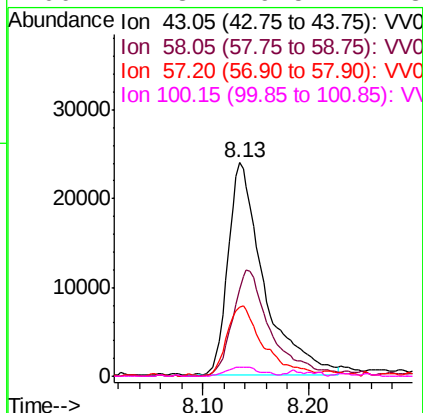
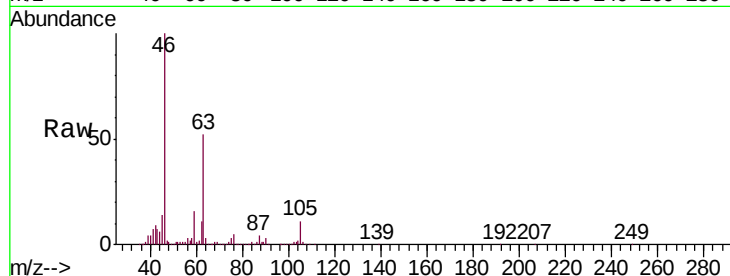
Time-->



#48
2-Hexanone
Concen: 3.242 ug/L
RT: 8.13 min Scan# 2191
Delta R.T. -0.05 min
Lab File: VV013227.D
Acq: 19 Oct 2019 02:27

Instrument :
MSVOA_V
ClientSampleId :
E0AB0

Tgt Ion: 43 Resp: 56249
Ion Ratio Lower Upper
43 100
58 53.2 44.2 66.2
57 34.1 14.5 21.7#
100 4.3 9.5 14.3#



#49
Dibromochloromethane
Concen: 0.160 ug/L
RT: 8.01 min Scan# 2153
Delta R.T. -0.27 min
Lab File: VV013227.D
Acq: 19 Oct 2019 02:27

Tgt Ion: 129 Resp: 5844
Ion Ratio Lower Upper
129 100
127 0.0 53.2 98.8#

