

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112619\
 Data File : VV013792.D
 Acq On : 26 Nov 2019 17:40
 Operator : SY/MD
 Sample : K5993-03
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 27 03:11:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Nov 27 03:09:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	331460	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	336419	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	137098	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	85848	4.18	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.60%
7) Chloroethane-d5	1.58	69	82148	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.40%
11) 1,1-Dichloroethene-d2	2.13	63	134310	3.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.80%
20) 2-Butanone-d5	3.96	46	224361	52.61	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.22%
24) Chloroform-d	4.40	84	176253	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.20%
26) 1,2-Dichloroethane-d4	5.08	65	101768	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.40%
32) Benzene-d6	5.09	84	380696	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.80%
36) 1,2-Dichloropropane-d6	6.11	67	118353	4.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.60%
41) Toluene-d8	7.36	98	310954	3.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.40%
43) trans-1,3-Dichloropropene-	7.66	79	40747	4.05	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.00%
46) 2-Hexanone-d5	8.14	63	170014	45.78	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.56%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	89070	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	126239	5.22	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.40%

Target Compounds

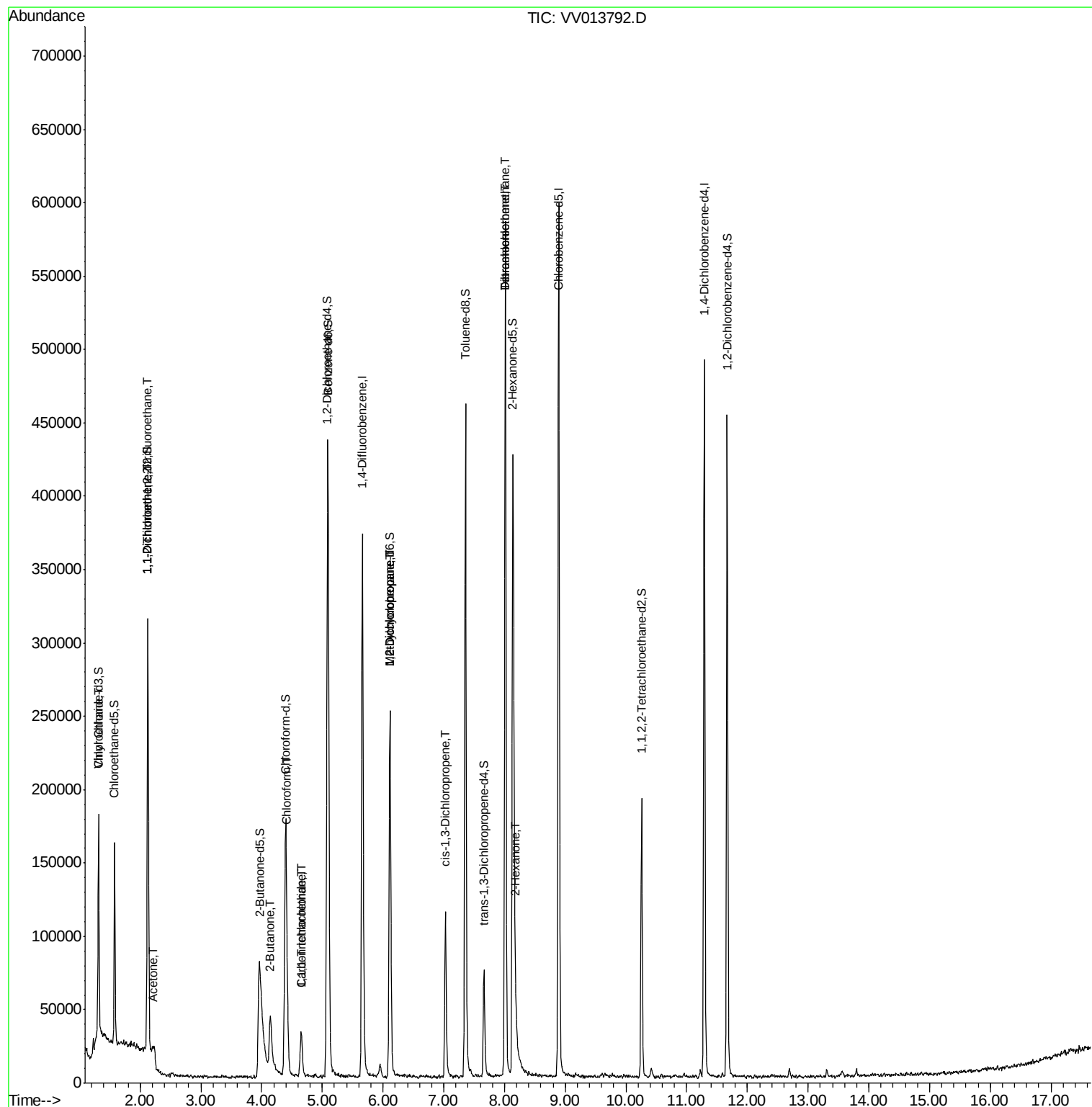
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.31	64	1105	0.093	ug/L	84
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1506	0.082	ug/L #	20
12) 1,1-Dichloroethene	2.14	96	26860	1.685	ug/L #	43
13) Acetone	2.23	43	4127	1.384	ug/L #	61
21) 2-Butanone	4.14	43	67947	15.073	ug/L #	51
25) Chloroform	4.42	83	30793	0.809	ug/L	97
29) 1,1,1-Trichloroethane	4.65	97	23540	0.684	ug/L	99
31) Carbon tetrachloride	4.65	117	3401	0.112	ug/L	95
35) Methylcyclohexane	6.11	83	30080	0.990	ug/L #	19
37) 1,2-Dichloropropane	6.11	63	13252	0.625	ug/L #	88
39) cis-1,3-Dichloropropene	7.02	75	2770	0.092	ug/L #	59
47) Tetrachloroethene	8.01	164	136855	6.923	ug/L	97
48) 2-Hexanone	8.18	43	6553	0.742	ug/L #	62
49) Dibromochloromethane	8.01	129	118185	6.096	ug/L #	10

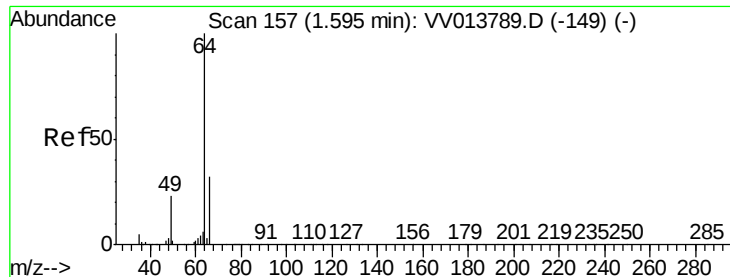
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV112619\
Data File : VV013792.D
Acq On : 26 Nov 2019 17:40
Operator : SY/MD
Sample : K5993-03
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Nov 27 03:11:55 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 27 03:09:16 2019
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.093 ug/L

RT: 1.31 min Scan# 69

Delta R.T. -0.28 min

Lab File: VV013792.D

Acq: 26 Nov 2019 17:40

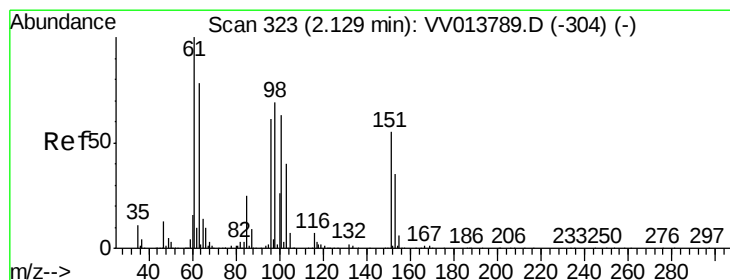
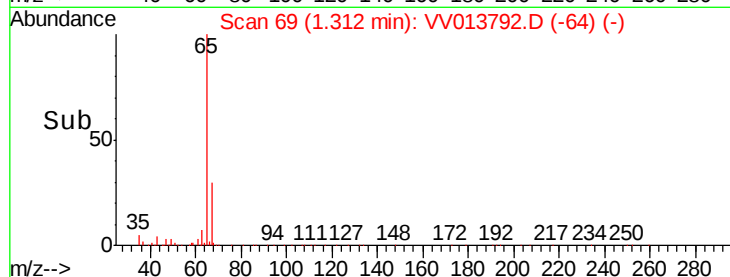
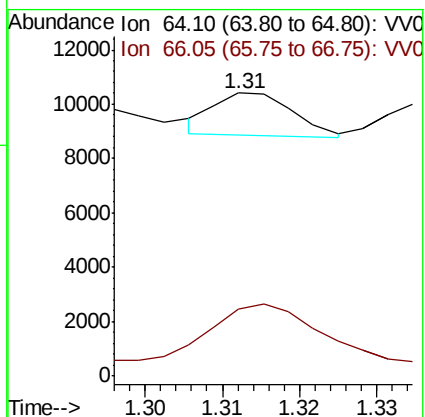
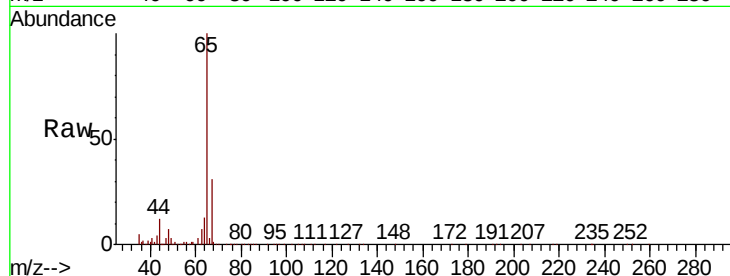
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 64 Resp: 1105

Ion Ratio Lower Upper

64 100

66 23.6 22.6 42.0



#10

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

Concen: 0.082 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.00 min

Lab File: VV013792.D

Acq: 26 Nov 2019 17:40

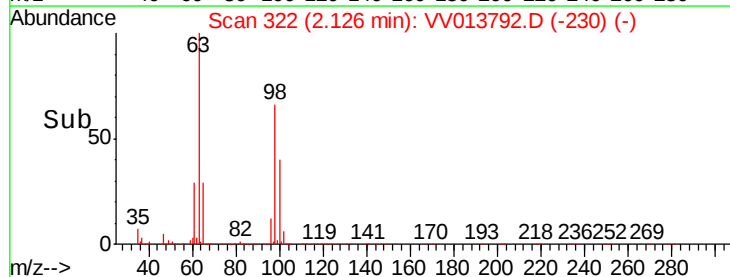
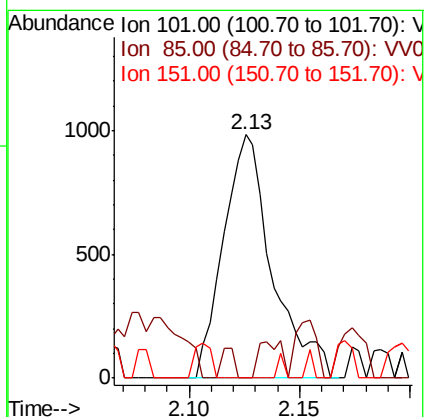
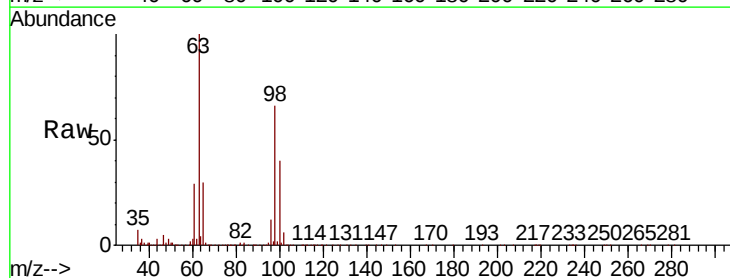
Tgt Ion: 101 Resp: 1506

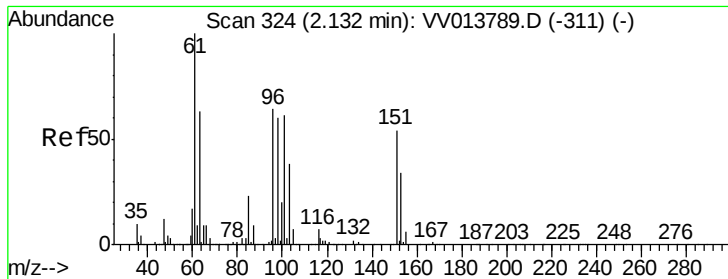
Ion Ratio Lower Upper

101 100

85 3.1 33.4 50.0#

151 4.9 69.4 104.0#





#12

1,1-Dichloroethene

Concen: 1.685 ug/L

RT: 2.14 min Scan# 325

Delta R.T. 0.00 min

Lab File: VV013792.D

Acq: 26 Nov 2019 17:40

Instrument :

MSVOA_V

ClientSampleId :

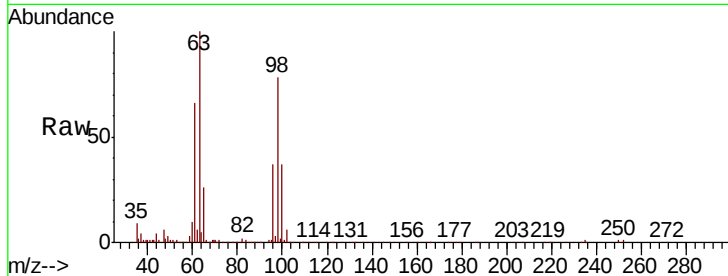
Tot Ion: 96 Resp: 26860

Ion Ratio Lower Upper

96 100

61 181.0 116.3 215.9

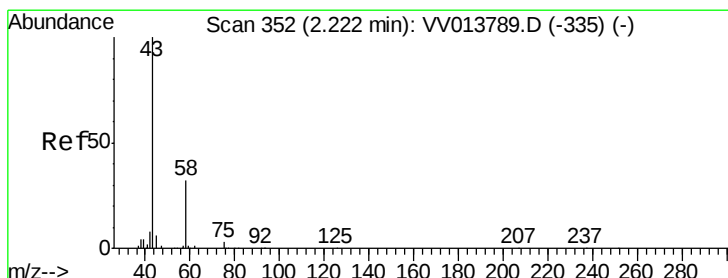
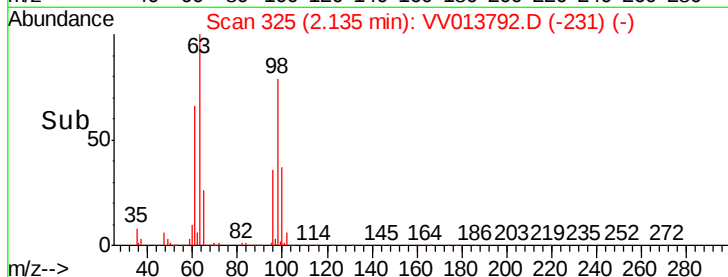
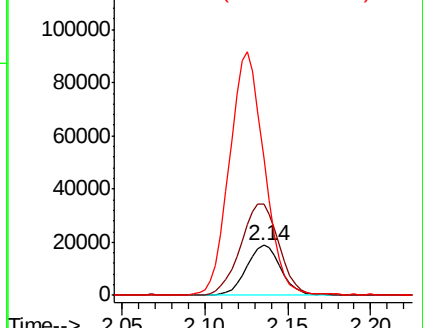
63 272.8 96.7 179.7#



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: 1.384 ug/L

RT: 2.23 min Scan# 353

Delta R.T. 0.00 min

Lab File: VV013792.D

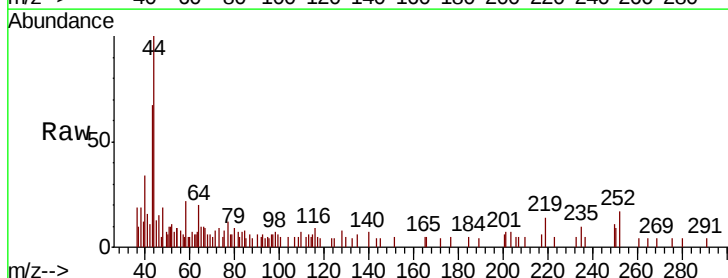
Acq: 26 Nov 2019 17:40

Tgt Ion: 43 Resp: 4127

Ion Ratio Lower Upper

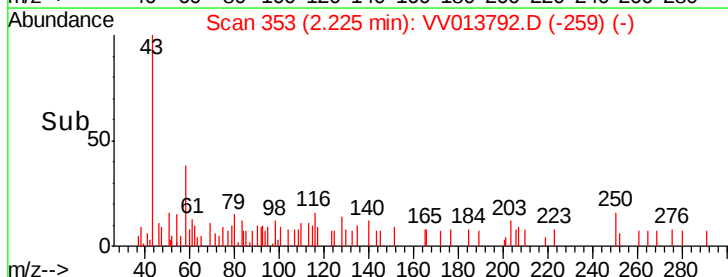
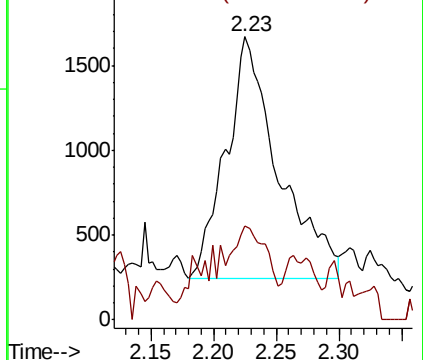
43 100

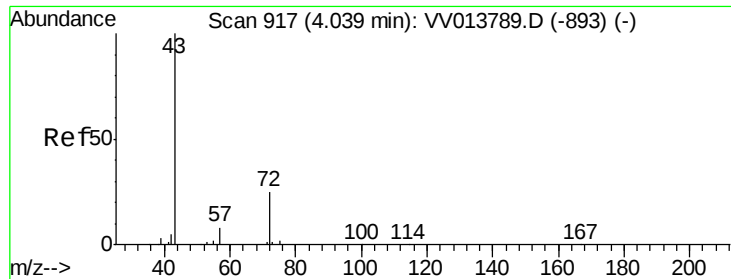
58 29.4 0.0 27.2#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

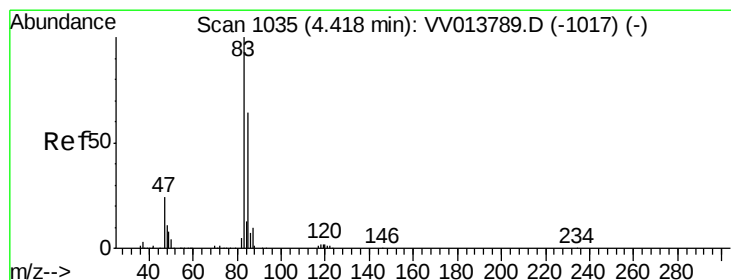
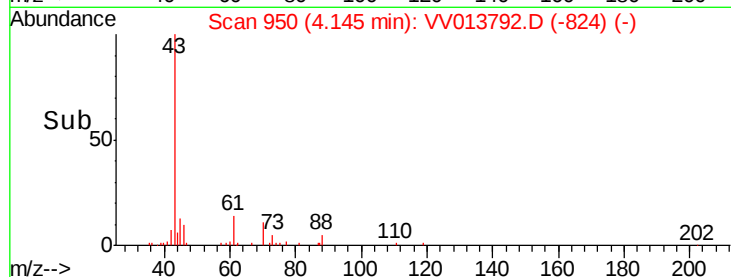
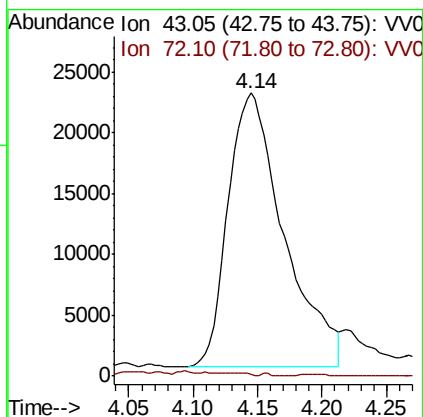
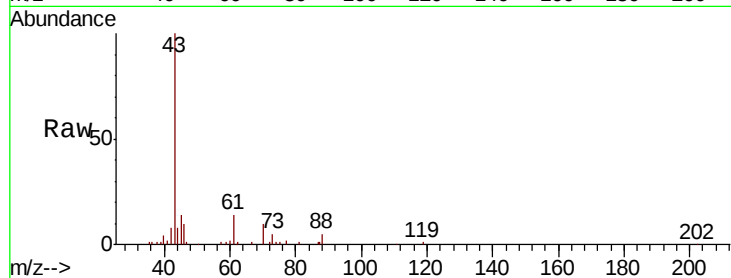




#21
2-Butanone
Concen: 15.073 ug/L
RT: 4.14 min Scan# 950
Delta R.T. 0.11 min
Lab File: VV013792.D
Acq: 26 Nov 2019 17:40

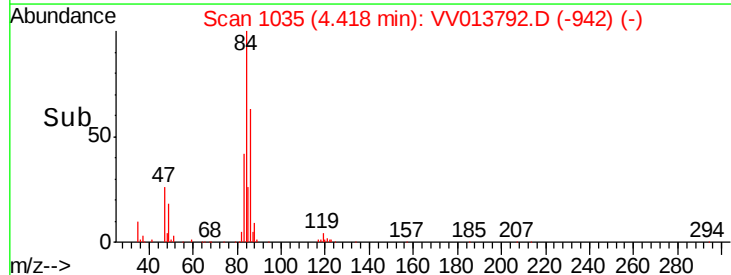
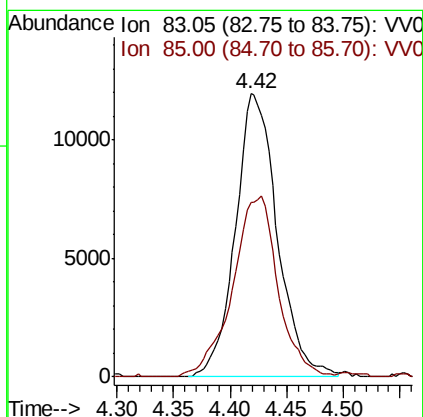
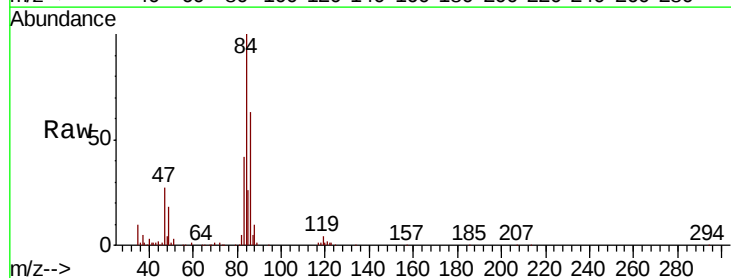
Instrument :
MSVOA_V
ClientSampleId :

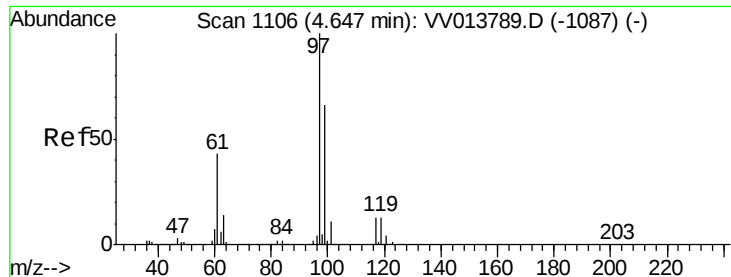
Tot Ion: 43 Resp: 67947
Ion Ratio Lower Upper
43 100
72 0.2 12.3 36.9#



#25
Chloroform
Concen: 0.809 ug/L
RT: 4.42 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VV013792.D
Acq: 26 Nov 2019 17:40

Tgt Ion: 83 Resp: 30793
Ion Ratio Lower Upper
83 100
85 61.9 45.1 83.7

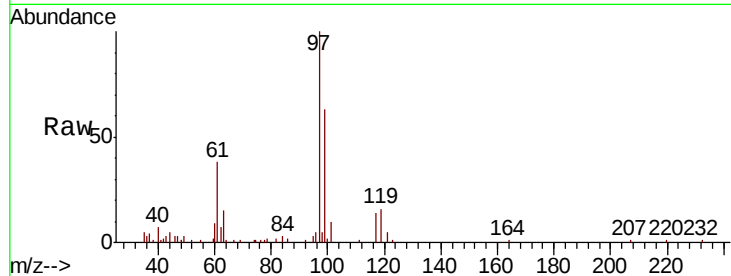




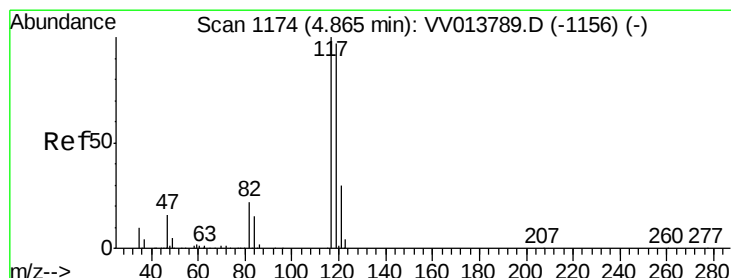
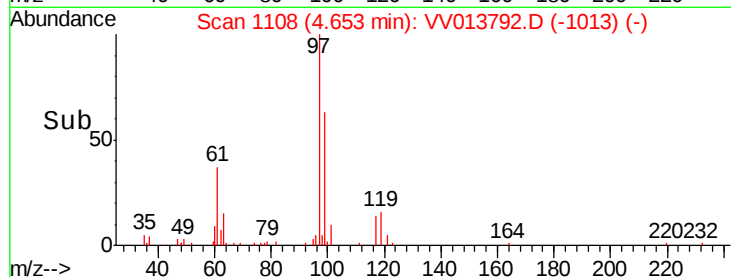
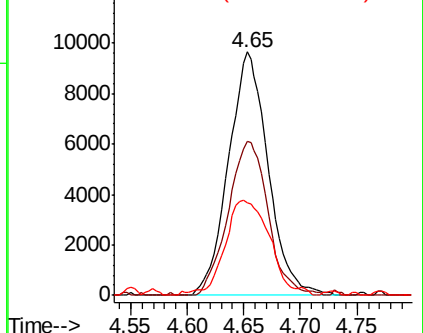
#29
 1,1,1-Trichloroethane
 Concen: 0.684 ug/L
 RT: 4.65 min Scan# 1108
 Delta R.T. 0.01 min
 Lab File: VV013792.D
 Acq: 26 Nov 2019 17:40

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 97 Resp: 23540
 Ion Ratio Lower Upper
 97 100
 99 63.8 51.7 77.5
 61 43.7 35.0 52.6

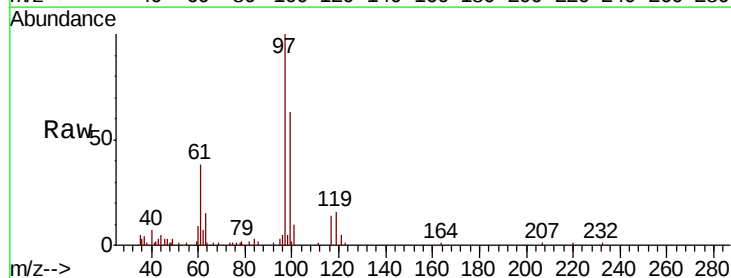


Abundance Ion 96.95 (96.65 to 97.65): VV0
 Ion 99.05 (98.75 to 99.75): VV0
 Ion 61.05 (60.75 to 61.75): VV0

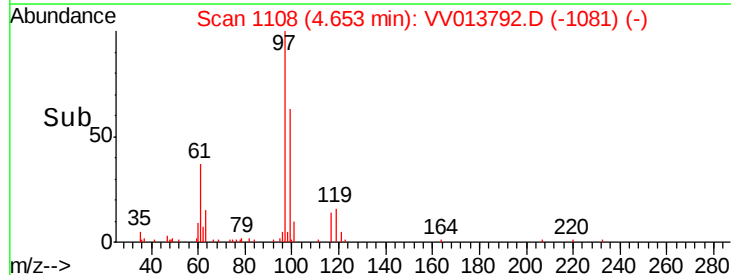
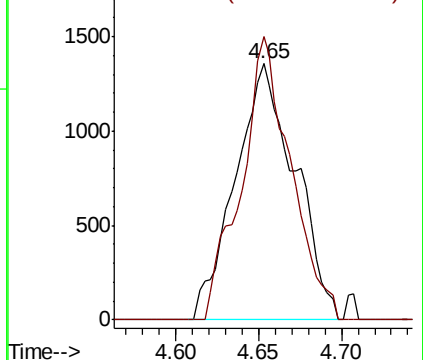


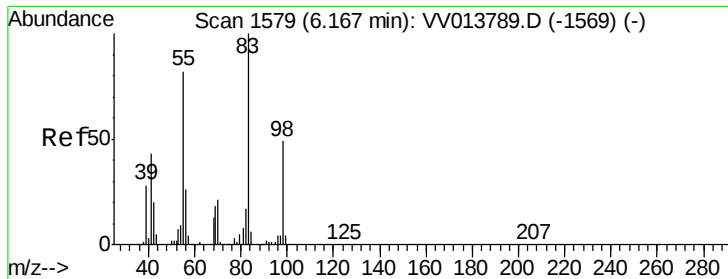
#31
 Carbon tetrachloride
 Concen: 0.112 ug/L
 RT: 4.65 min Scan# 1108
 Delta R.T. -0.21 min
 Lab File: VV013792.D
 Acq: 26 Nov 2019 17:40

Tgt Ion: 117 Resp: 3401
 Ion Ratio Lower Upper
 117 100
 119 91.4 76.8 115.2



Abundance Ion 116.90 (116.60 to 117.60): V
 Ion 118.90 (118.60 to 119.60): V

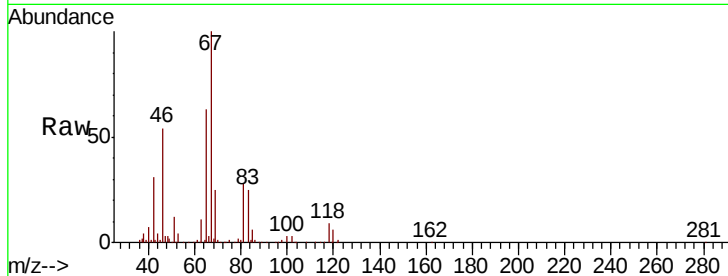




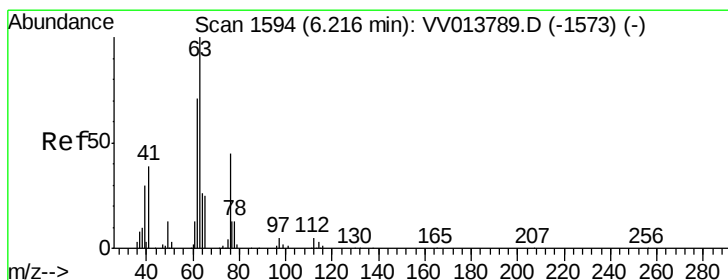
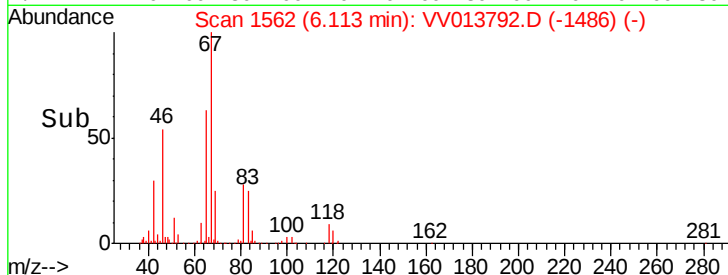
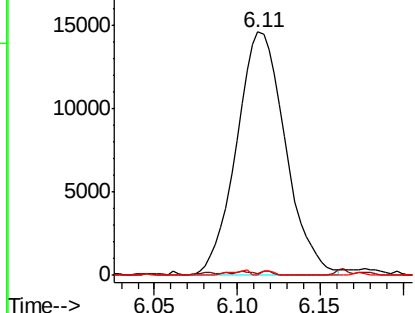
#35
Methvlcvclohexane
Concen: 0.990 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.05 min
Lab File: VV013792.D
Acq: 26 Nov 2019 17:40

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
83	100		
55	0.4	60.3	90.5#
98	0.5	38.1	57.1#

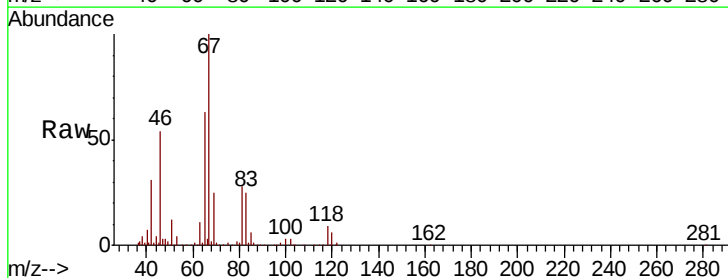


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

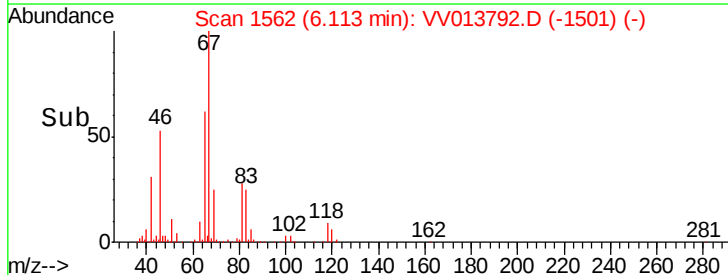
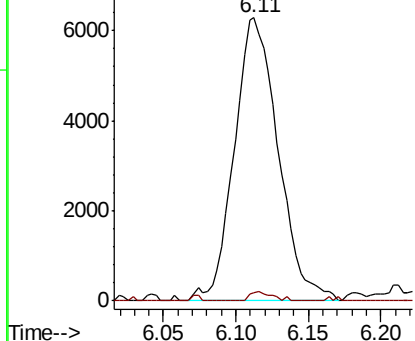


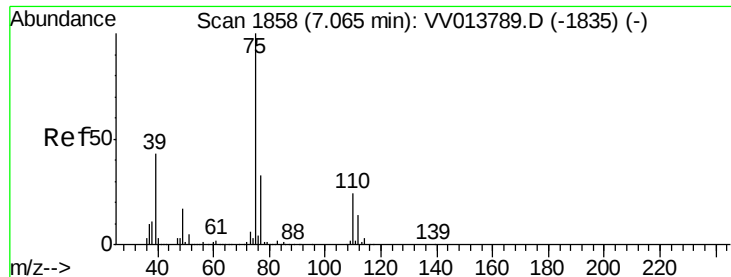
#37
1,2-Dichloropropane
Concen: 0.625 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.10 min
Lab File: VV013792.D
Acq: 26 Nov 2019 17:40

Tgt Ion	Ratio	Lower	Upper
63	100		
112	1.6	4.4	6.6#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V



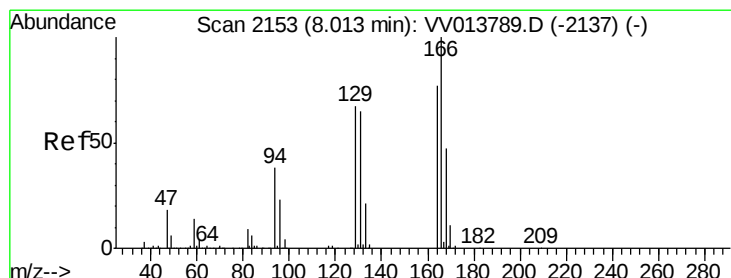
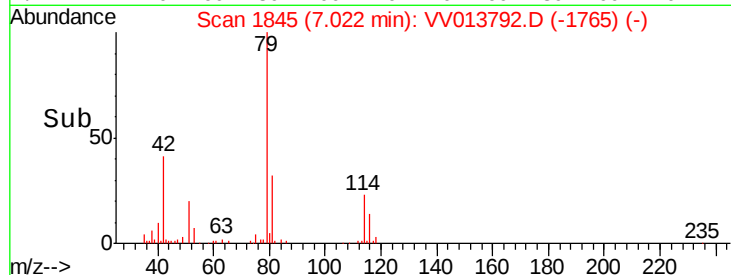
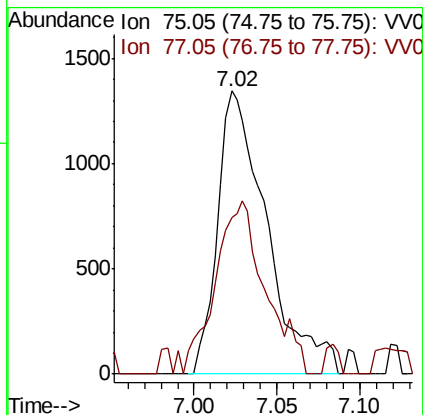
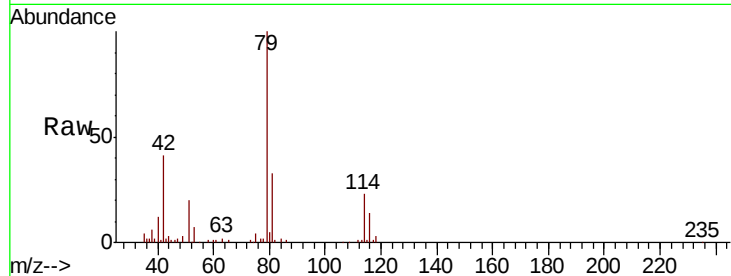


#39

cis-1,3-Dichloropropene
 Concen: 0.092 ug/L
 RT: 7.02 min Scan# 1845
 Delta R.T. -0.04 min
 Lab File: VV013792.D
 Acq: 26 Nov 2019 17:40

Instrument :
 MSVOA_V
 ClientSampleId :

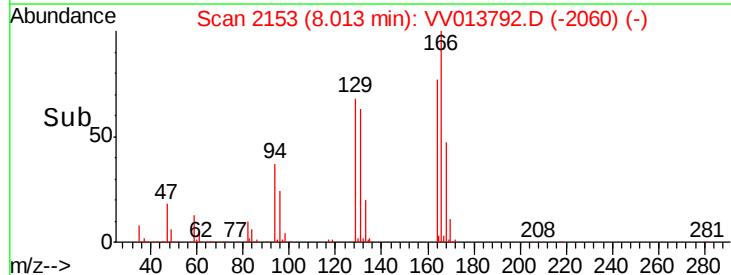
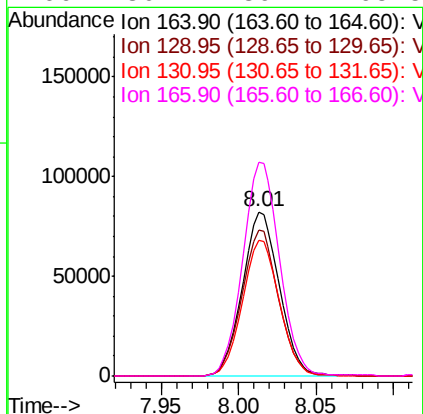
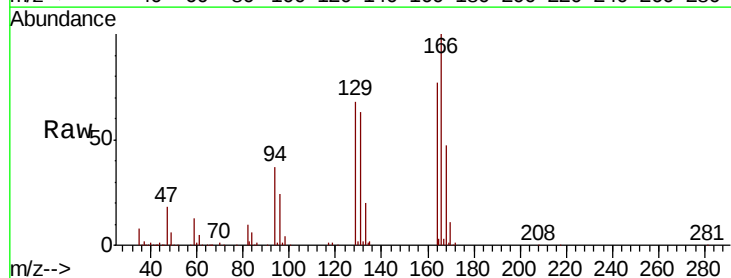
Tot Ion: 75 Resp: 2770
 Ion Ratio Lower Upper
 75 100
 77 55.4 22.5 41.9#

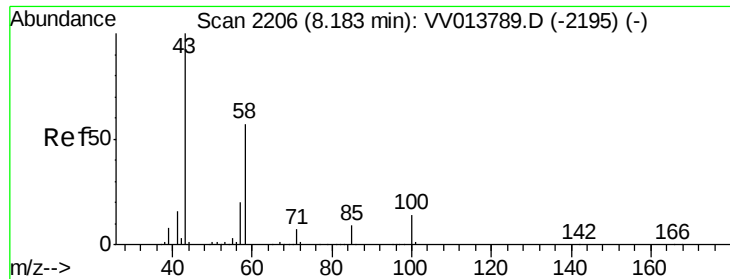


#47

Tetrachloroethene
 Concen: 6.923 ug/L
 RT: 8.01 min Scan# 2153
 Delta R.T. -0.00 min
 Lab File: VV013792.D
 Acq: 26 Nov 2019 17:40

Tgt Ion: 164 Resp: 136855
 Ion Ratio Lower Upper
 164 100
 129 88.8 60.3 112.1
 131 82.3 59.9 111.3
 166 130.2 89.1 165.5

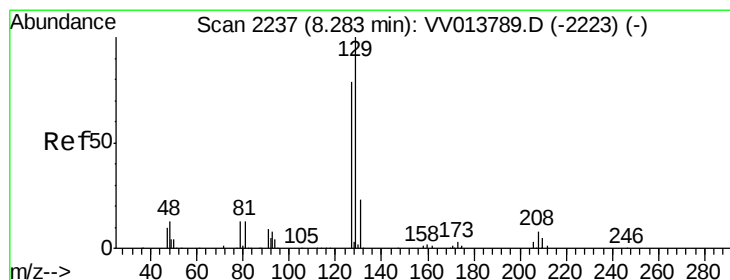
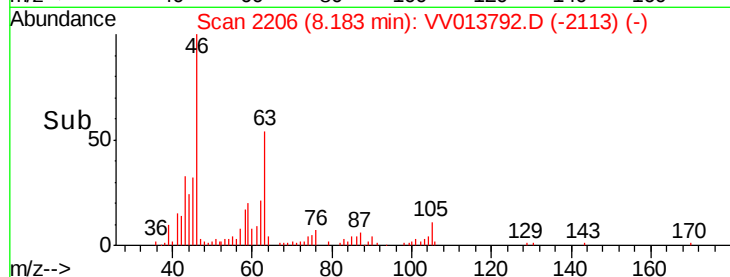
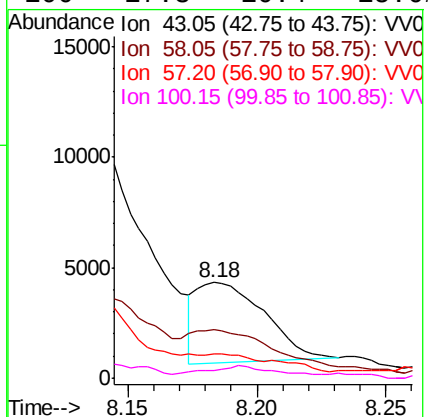
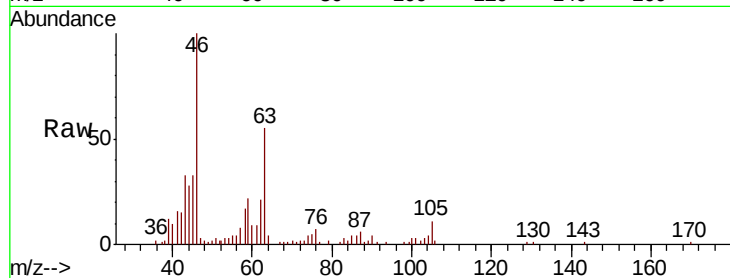




#48
2-Hexanone
Concen: 0.742 ug/L
RT: 8.18 min Scan# 2206
Delta R.T. -0.00 min
Lab File: VV013792.D
Acq: 26 Nov 2019 17:40

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 6553
Ion Ratio Lower Upper
43 100
58 85.1 43.2 64.8#
57 0.0 15.4 23.2#
100 17.3 10.4 15.6#



#49
Dibromochloromethane
Concen: 6.096 ug/L
RT: 8.01 min Scan# 2153
Delta R.T. -0.27 min
Lab File: VV013792.D
Acq: 26 Nov 2019 17:40

Tgt Ion: 129 Resp: 118185
Ion Ratio Lower Upper
129 100
127 0.0 55.7 103.5#

