

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102619\
 Data File : VV013368.D
 Acq On : 26 Oct 2019 12:02
 Operator : SY/MD
 Sample : VV1026WBL01
 Misc : 25.0ML/MSVOA V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 29 13:49:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 29 13:11:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	474541	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	503117	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	261881	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	189067	5.40	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	108.00%
7) Chloroethane-d5	1.58	69	147247	5.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.00%
11) 1,1-Dichloroethene-d2	2.13	63	219919	3.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.60%
20) 2-Butanone-d5	3.96	46	396346	58.99	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.98%
24) Chloroform-d	4.39	84	387855	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
26) 1,2-Dichloroethane-d4	5.08	65	183133	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
32) Benzene-d6	5.09	84	821874	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.80%
36) 1,2-Dichloropropane-d6	6.11	67	236651	4.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.60%
41) Toluene-d8	7.35	98	707957	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
43) trans-1,3-Dichloropropene-	7.66	79	81687	4.40	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.00%
46) 2-Hexanone-d5	8.14	63	268109	40.56	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.12%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	154886	4.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	270741	5.31	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.20%

Target Compounds

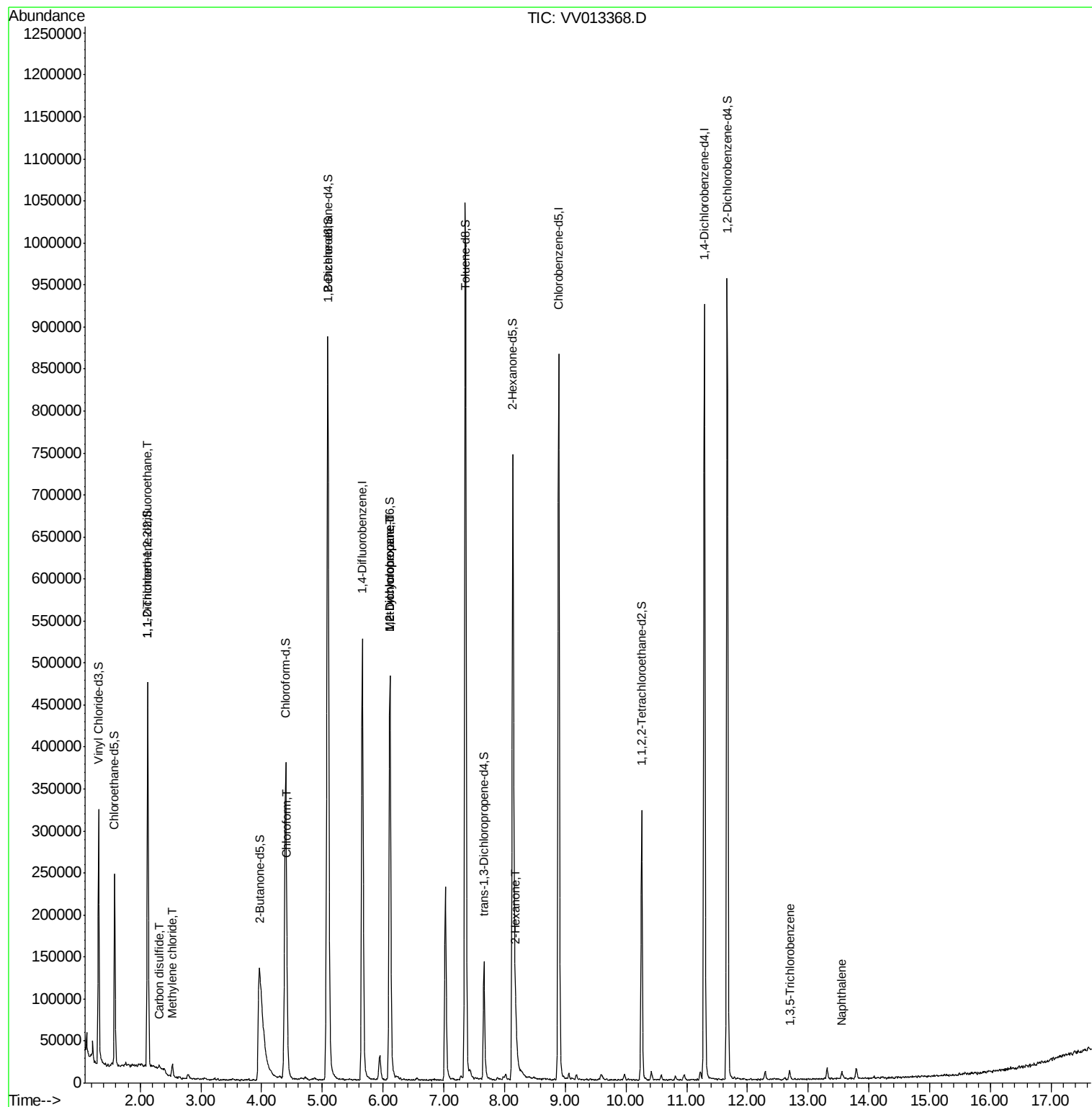
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	3473	0.089	ug/L #	44
14) Carbon disulfide	2.32	76	5025	0.047	ug/L #	72
16) Methylene chloride	2.53	84	6974	0.124	ug/L	95
25) Chloroform	4.42	83	18397	0.197	ug/L	96
35) Methylcyclohexane	6.11	83	59478	0.750	ug/L #	18
37) 1,2-Dichloropropane	6.11	63	25303	0.542	ug/L #	87
48) 2-Hexanone	8.19	43	27682	1.626	ug/L #	88
67) 1,3,5-Trichlorobenzene	12.69	180	3623	0.053	ug/L #	89
69) Naphthalene	13.55	128	8508	0.103	ug/L #	93

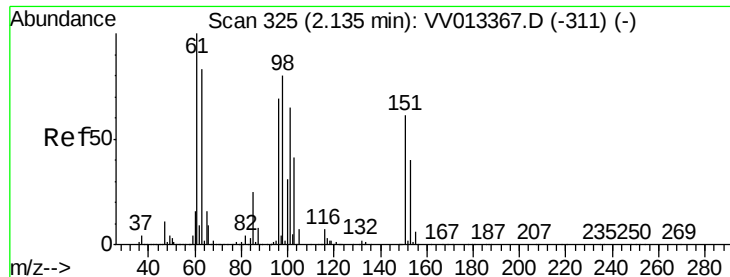
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV102619\
Data File : VV013368.D
Acq On : 26 Oct 2019 12:02
Operator : SY/MD
Sample : VV1026WBL01
Misc : 25.0ML/MSVOA V/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Oct 29 13:49:12 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 29 13:11:08 2019
Response via : Initial Calibration





#10

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

Concen: 0.089 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.02 min

Lab File: VV013368.D

Acq: 26 Oct 2019 12:02

Instrument :

MSVOA_V

ClientSampleId :

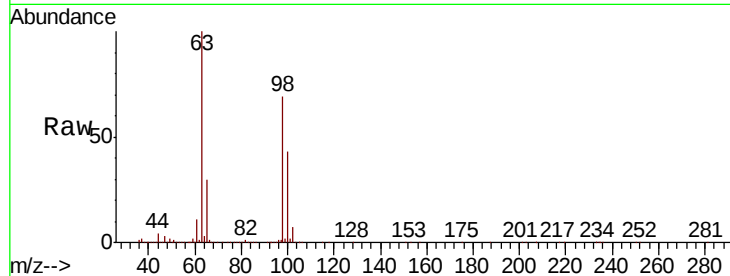
Tot Ion:101 Resp: 3473

Ion Ratio Lower Upper

101 100

85 18.9 31.8 47.8#

151 28.4 72.9 109.3#

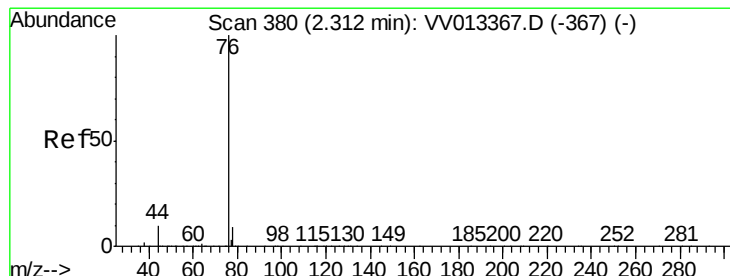
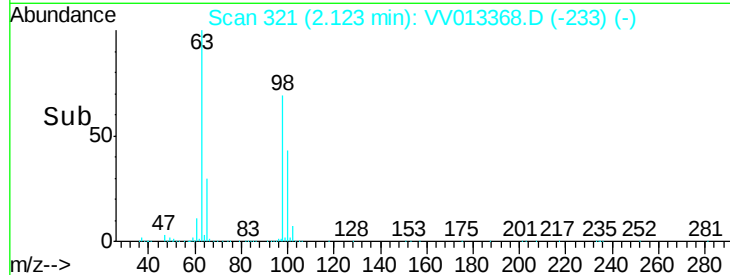
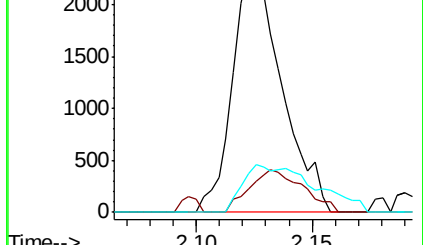


Abundance Ion 101.00 (100.70 to 101.70): VV013367.D (-311) (-)

Ion 85.00 (84.70 to 85.70): VV013367.D (-311) (-)

Ion 151.00 (150.70 to 151.70): VV013367.D (-311) (-)

Time-->



#14

Carbon disulfide

Concen: 0.047 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

Lab File: VV013368.D

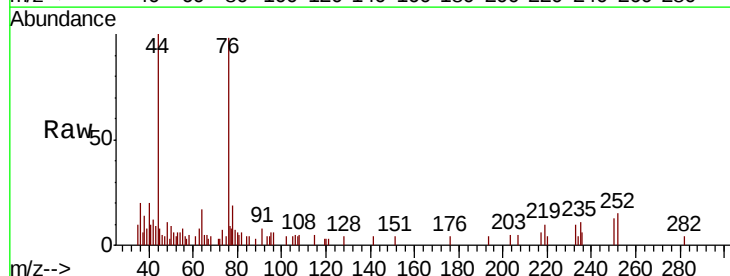
Acq: 26 Oct 2019 12:02

Tgt Ion: 76 Resp: 5025

Ion Ratio Lower Upper

76 100

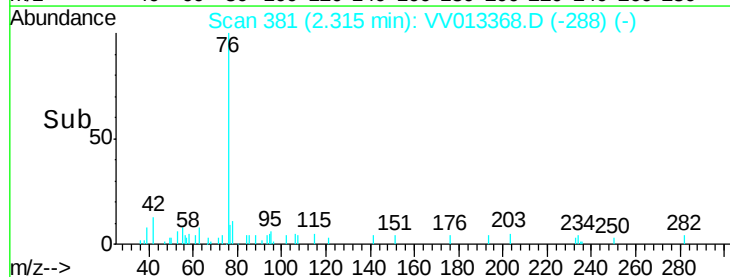
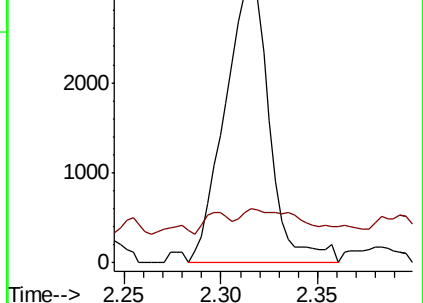
78 19.1 7.3 10.9#

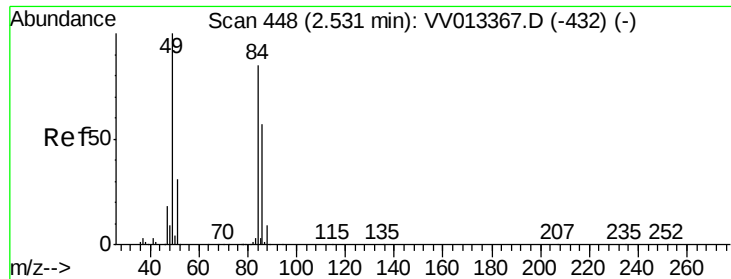


Abundance Ion 76.05 (75.75 to 76.75): VV013367.D (-367) (-)

Ion 78.00 (77.70 to 78.70): VV013367.D (-367) (-)

Time-->

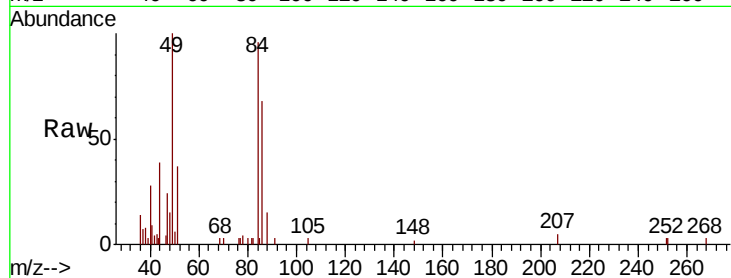




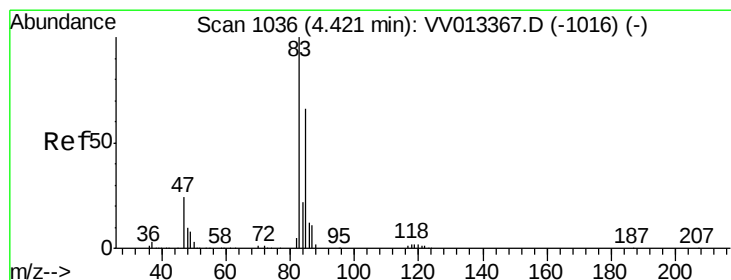
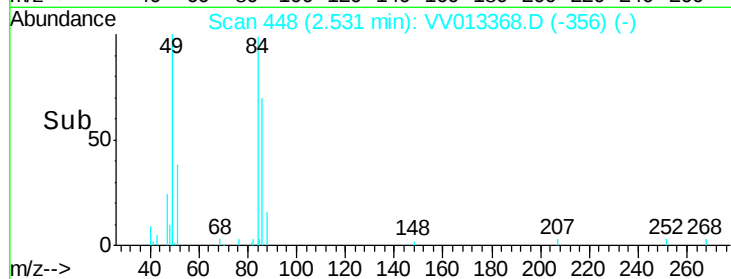
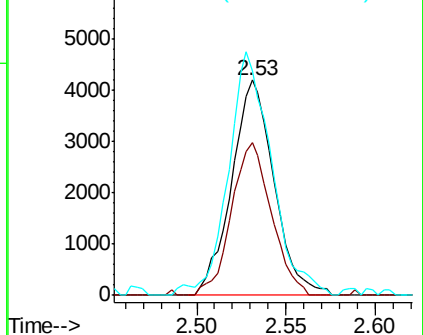
#16
Methvlene chloride
Concen: 0.124 ug/L
RT: 2.53 min Scan# 448
Delta R.T. -0.00 min
Lab File: VV013368.D
Acq: 26 Oct 2019 12:02

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 84 Resp: 6974
Ion Ratio Lower Upper
84 100
86 71.3 46.2 85.8
49 104.5 76.4 141.8

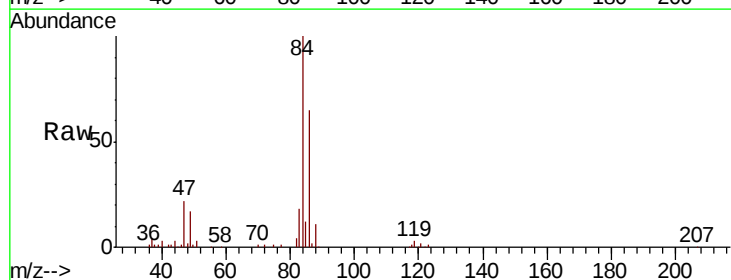


Abundance Ion 84.05 (83.75 to 84.75): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.10 (48.80 to 49.80): VV0

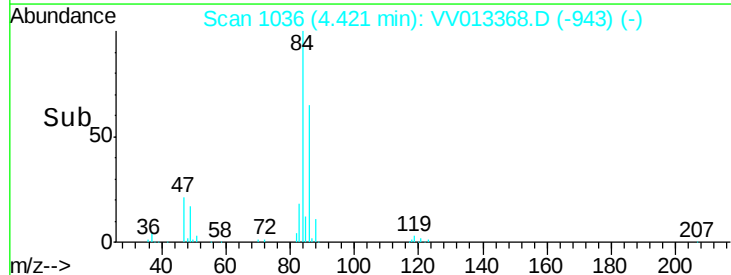
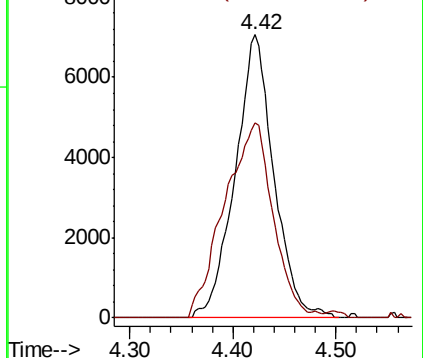


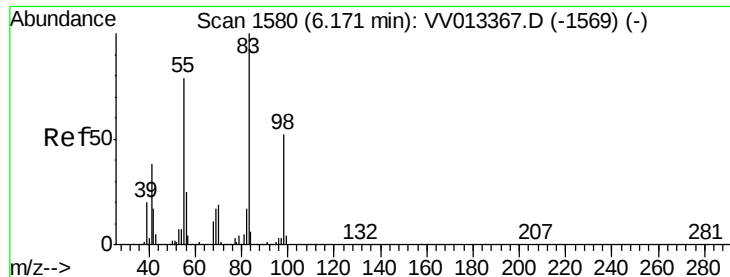
#25
Chloroform
Concen: 0.197 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. 0.00 min
Lab File: VV013368.D
Acq: 26 Oct 2019 12:02

Tgt Ion: 83 Resp: 18397
Ion Ratio Lower Upper
83 100
85 68.8 45.7 84.9



Abundance Ion 83.05 (82.75 to 83.75): VV0
Ion 85.00 (84.70 to 85.70): VV0

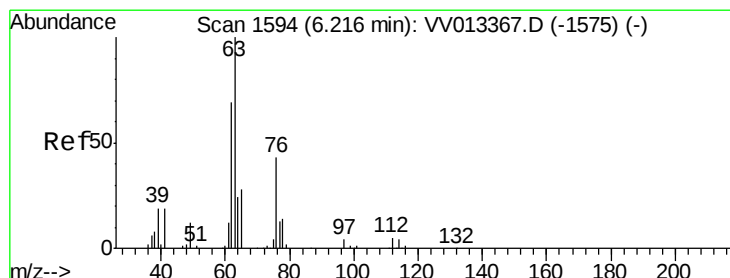
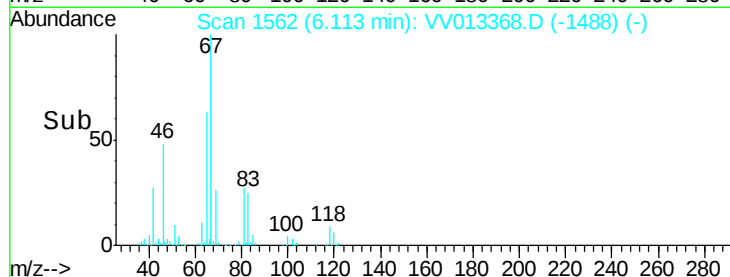
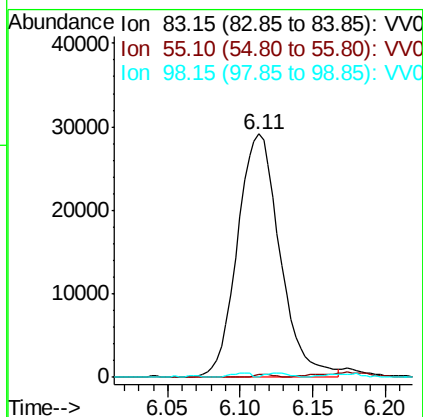
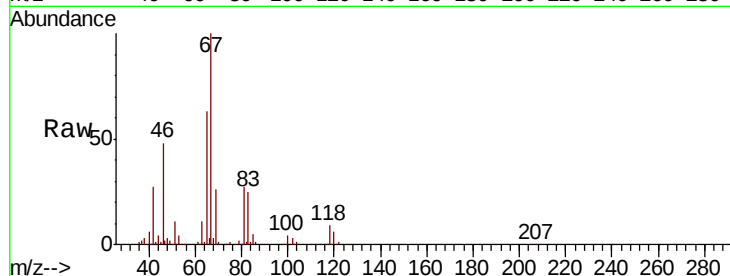




#35
Methvlcvclohexane
Concen: 0.750 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV013368.D
Acq: 26 Oct 2019 12:02

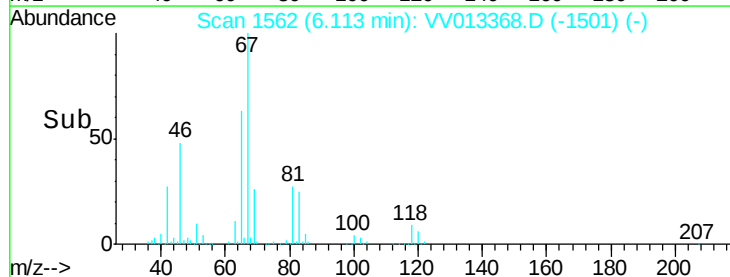
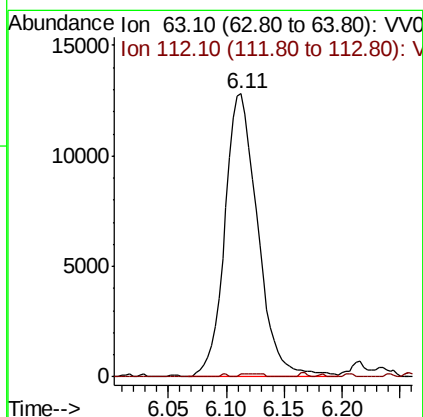
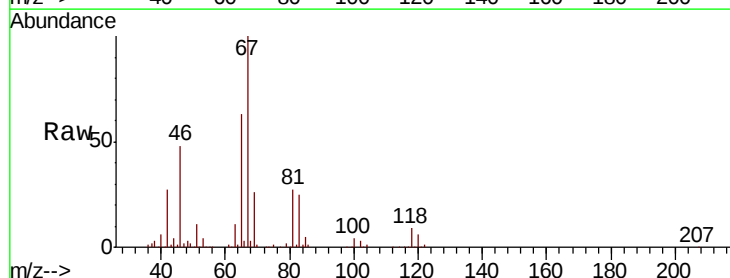
Instrument :
MSVOA_V
ClientSampleId :

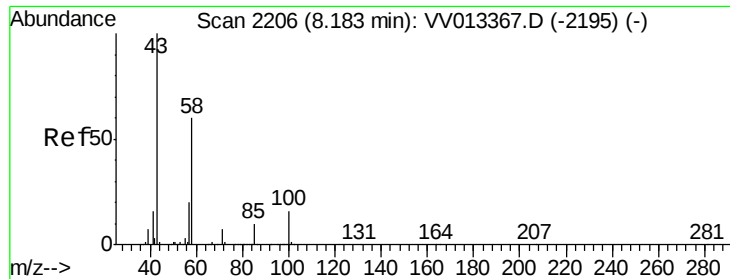
Tot Ion: 83 Resp: 59478
Ion Ratio Lower Upper
83 100
55 0.5 62.4 93.6#
98 0.9 39.2 58.8#



#37
1,2-Dichloropropane
Concen: 0.542 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.10 min
Lab File: VV013368.D
Acq: 26 Oct 2019 12:02

Tgt Ion: 63 Resp: 25303
Ion Ratio Lower Upper
63 100
112 0.7 4.1 6.1#

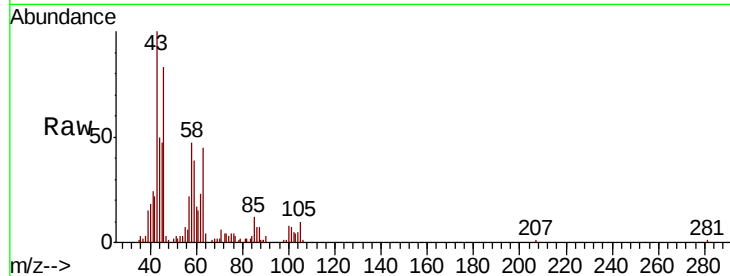




#48
2-Hexanone
Concen: 1.626 ug/L
RT: 8.19 min Scan# 2207
Delta R.T. 0.01 min
Lab File: VV013368.D
Acq: 26 Oct 2019 12:02

Instrument :
MSVOA_V
ClientSampleId :

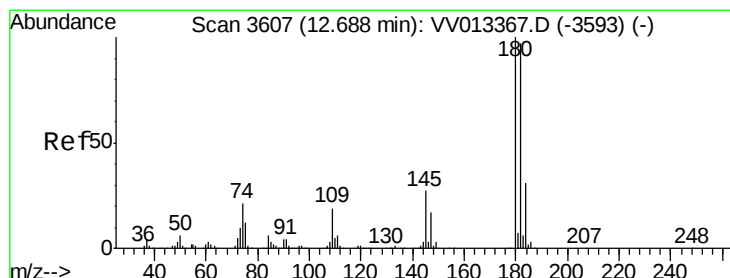
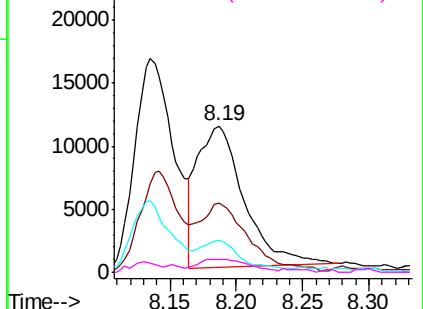
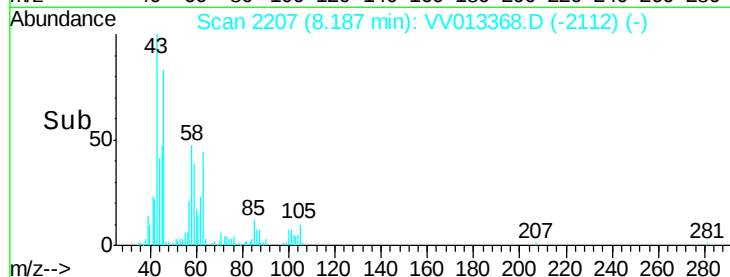
Tot Ion: 43 Resp: 27682
Ion Ratio Lower Upper
43 100
58 44.9 45.1 67.7#
57 16.9 15.5 23.3
100 10.2 10.2 15.2



Abundance

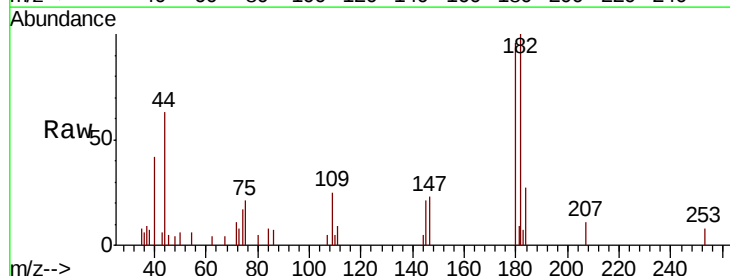
Ion 43.05 (42.75 to 43.75): VV013367.D (-2195) (-)

Time-->



#67
1,3,5-Trichlorobenzene
Concen: 0.053 ug/L
RT: 12.69 min Scan# 3609
Delta R.T. 0.01 min
Lab File: VV013368.D
Acq: 26 Oct 2019 12:02

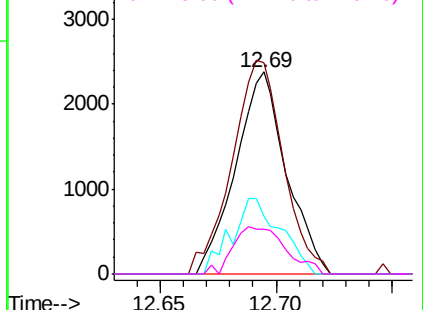
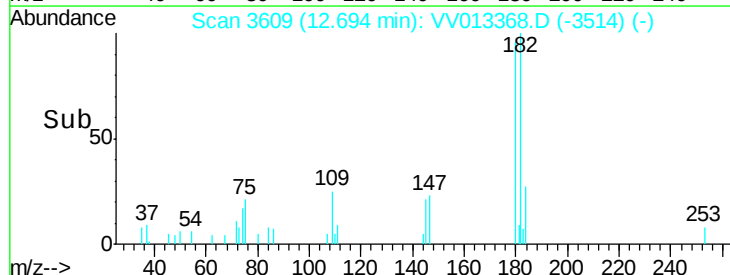
Tgt Ion:180 Resp: 3623
Ion Ratio Lower Upper
180 100
182 107.1 76.2 114.2
184 36.0 24.0 36.0#
145 24.1 21.8 32.8

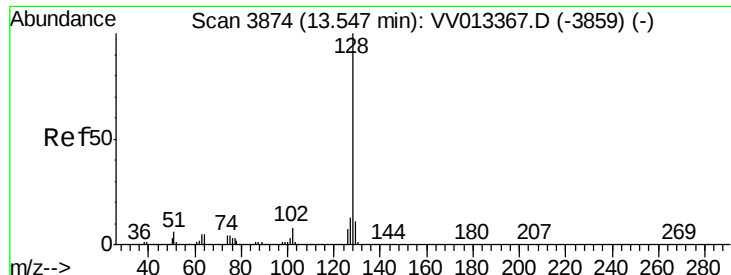


Abundance

Ion 180.00 (179.70 to 180.70): VV013367.D (-3593) (-)

Time-->





#69

Naphthalene

Concen: 0.103 ug/L

RT: 13.55 min Scan# 3876

Delta R.T. 0.01 min

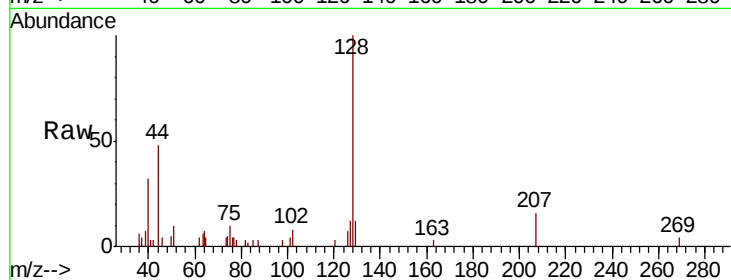
Lab File: VV013368.D

Acq: 26 Oct 2019 12:02

Instrument :

MSVOA_V

ClientSampleId :



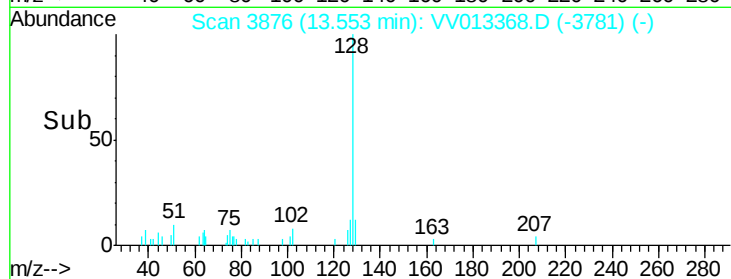
Tot Ion:128 Resp: 8508

Ion Ratio Lower Upper

128 100

129 9.7 9.0 13.6

127 9.4 10.4 15.6#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

