

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112619\
 Data File : VV013791.D
 Acq On : 26 Nov 2019 17:16
 Operator : SY/MD
 Sample : K5993-07DL 100X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 27 03:11:48 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	340147	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	327185	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	139606	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	81799	3.88	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.60%
7) Chloroethane-d5	1.58	69	79194	4.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.60%
11) 1,1-Dichloroethene-d2	2.12	63	113131	3.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.80%
20) 2-Butanone-d5	3.95	46	183786	41.99	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.98%
24) Chloroform-d	4.39	84	170576	4.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.40%
26) 1,2-Dichloroethane-d4	5.07	65	96171	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
32) Benzene-d6	5.09	84	365128	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.60%
36) 1,2-Dichloropropane-d6	6.11	67	116077	4.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.20%
41) Toluene-d8	7.35	98	293764	3.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.20%
43) trans-1,3-Dichloropropene-	7.66	79	39623	4.05	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.00%
46) 2-Hexanone-d5	8.14	63	163235	45.20	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.40%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	81887	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	124302	5.04	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.80%

Target Compounds

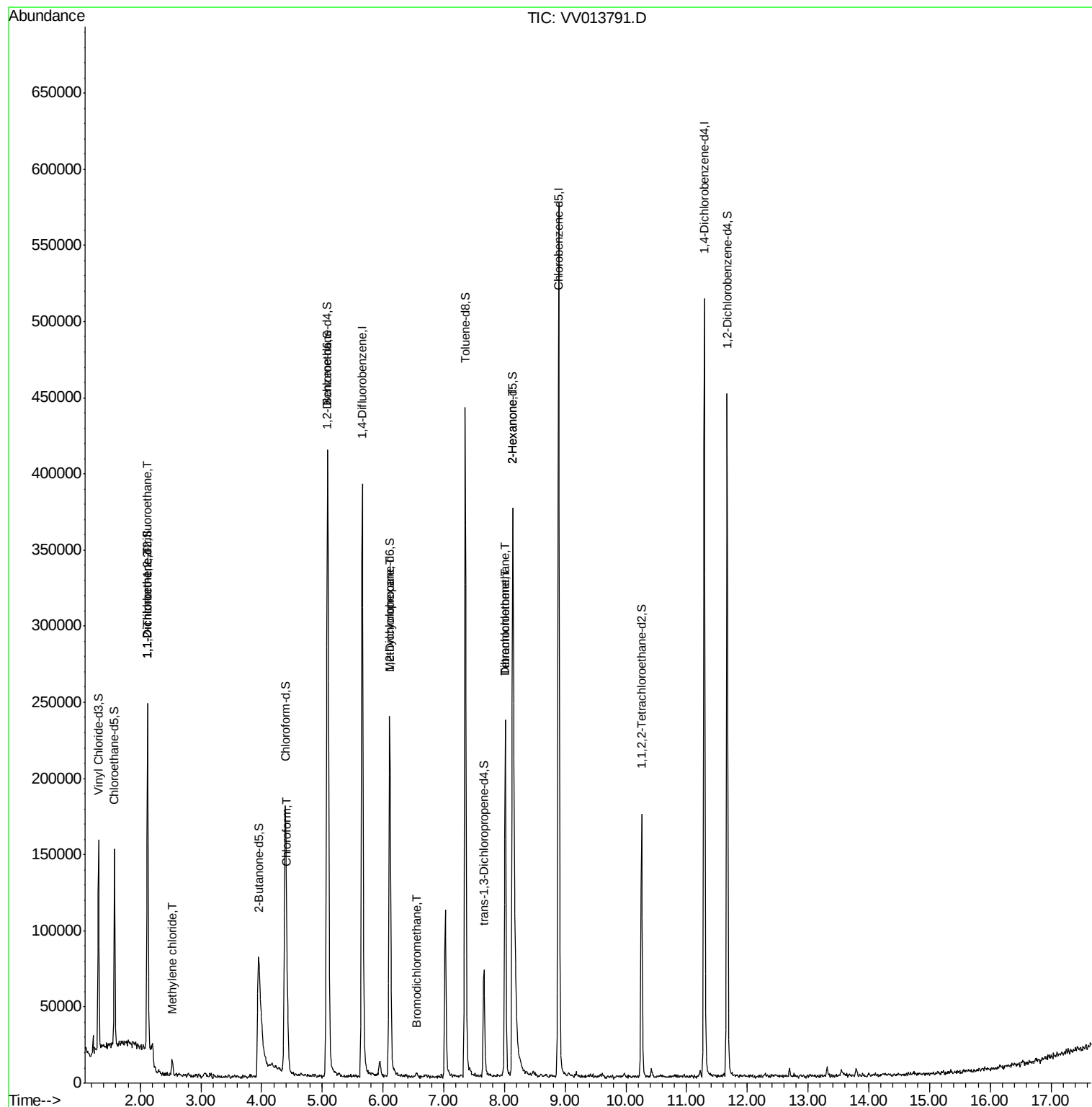
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1417	0.076 ug/L #	29
12) 1,1-Dichloroethene	2.12	96	1743	0.107 ug/L #	1
16) Methylene chloride	2.53	84	4464	0.199 ug/L	95
25) Chloroform	4.42	83	37574	0.961 ug/L	92
35) Methylcyclohexane	6.11	83	28478	0.964 ug/L #	19
38) Bromodichloromethane	6.55	83	2101	0.077 ug/L #	82
47) Tetrachloroethene	8.01	164	56243	2.926 ug/L	96
48) 2-Hexanone	8.13	43	19012	2.213 ug/L #	74
49) Dibromochloromethane	8.01	129	46549	2.469 ug/L #	10

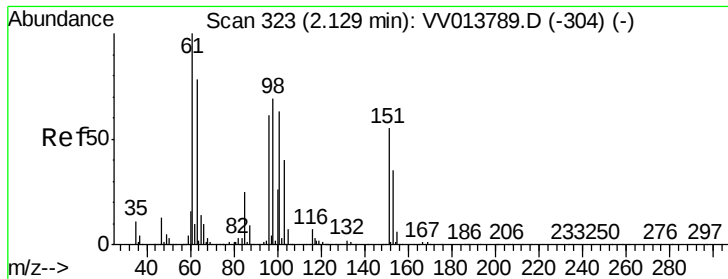
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 27 03:09:16 2019
Response via : Initial Calibration





#10

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

Concen: 0.076 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV013791.D

Acq: 26 Nov 2019 17:16

Instrument :

MSVOA_V

ClientSampleId :

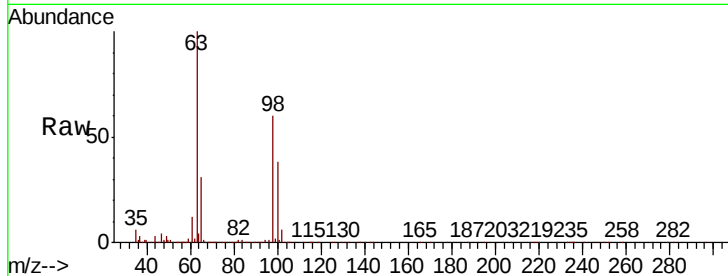
Tot Ion:101 Resp: 1417

Ion Ratio Lower Upper

101 100

85 16.7 33.4 50.0#

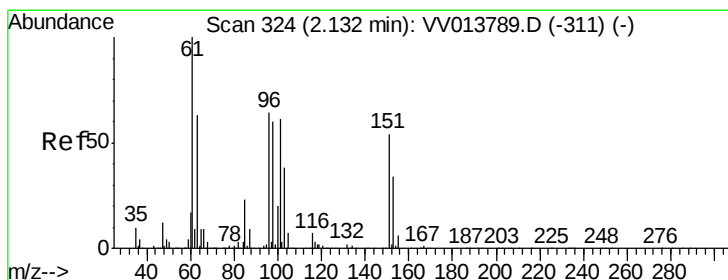
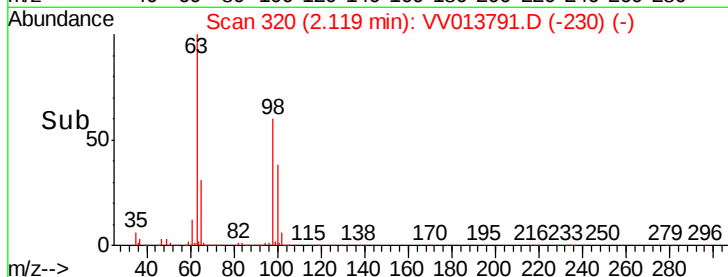
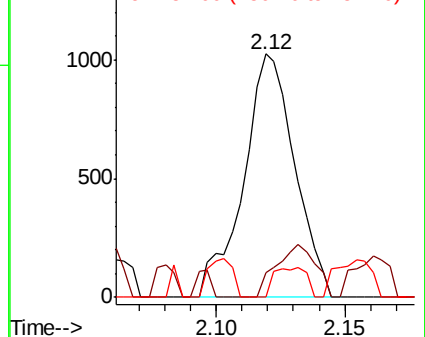
151 7.8 69.4 104.0#



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: 0.107 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV013791.D

Acq: 26 Nov 2019 17:16

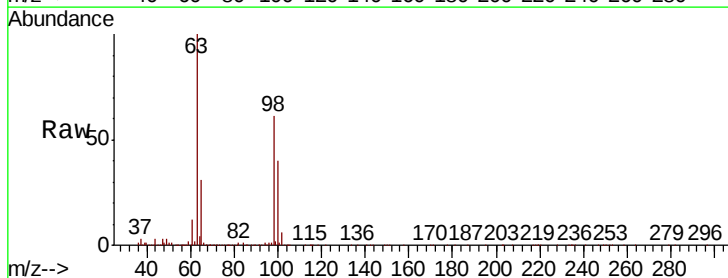
Tgt Ion: 96 Resp: 1743

Ion Ratio Lower Upper

96 100

61 1039.5 116.3 215.9#

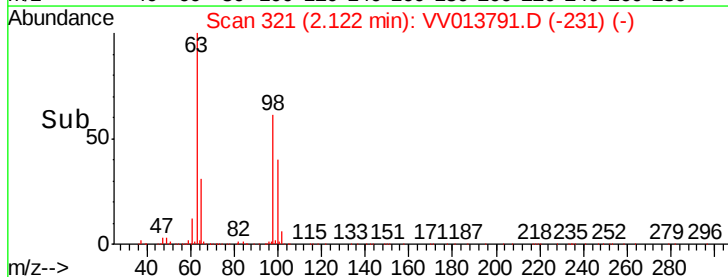
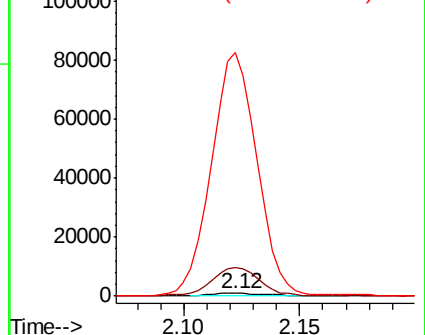
63 8718.8 96.7 179.7#

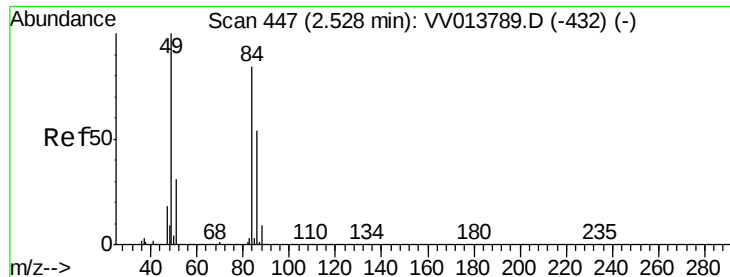


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0

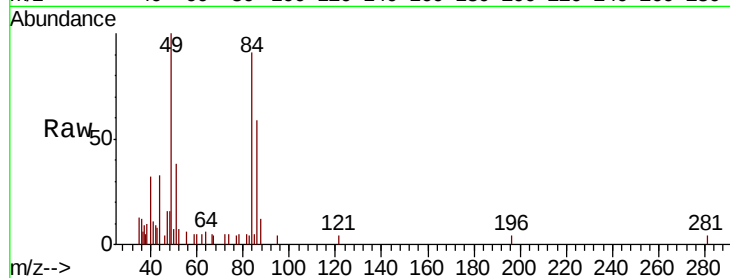




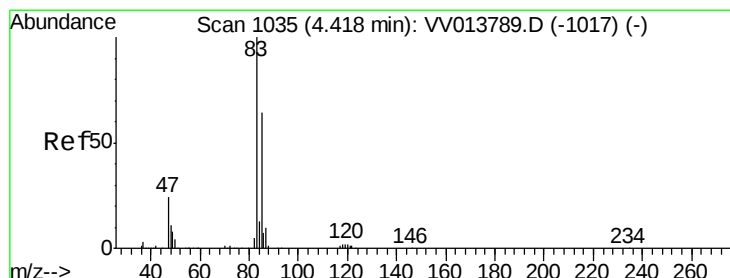
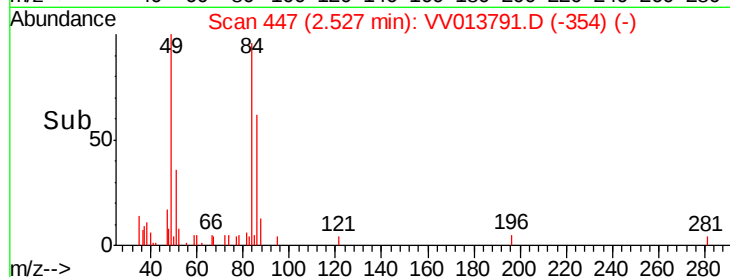
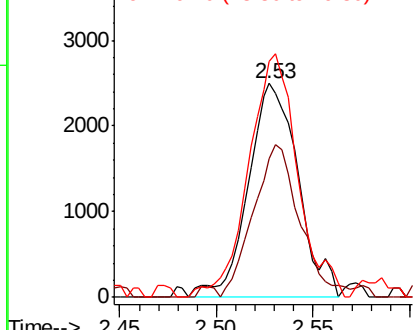
#16
Methylene chloride
Concen: 0.199 ug/L
RT: 2.53 min Scan# 447
Delta R.T. -0.00 min
Lab File: VV013791.D
Acq: 26 Nov 2019 17:16

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 84 Resp: 4464
Ion Ratio Lower Upper
84 100
86 64.9 44.0 81.6
49 110.1 81.5 151.5

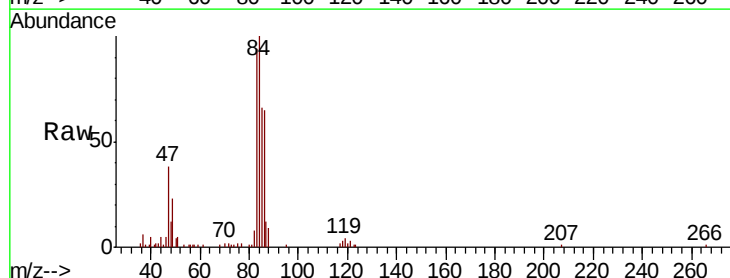


Abundance Ion 84.05 (83.75 to 84.75): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.10 (48.80 to 49.80): VV0

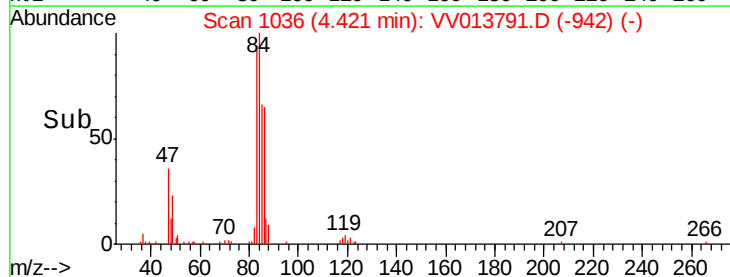
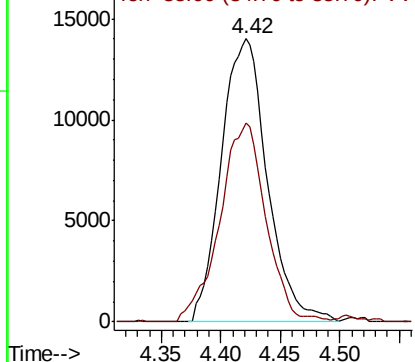


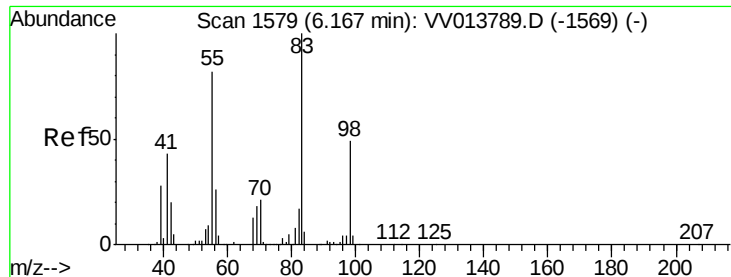
#25
Chloroform
Concen: 0.961 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. 0.00 min
Lab File: VV013791.D
Acq: 26 Nov 2019 17:16

Tgt Ion: 83 Resp: 37574
Ion Ratio Lower Upper
83 100
85 70.4 45.1 83.7



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

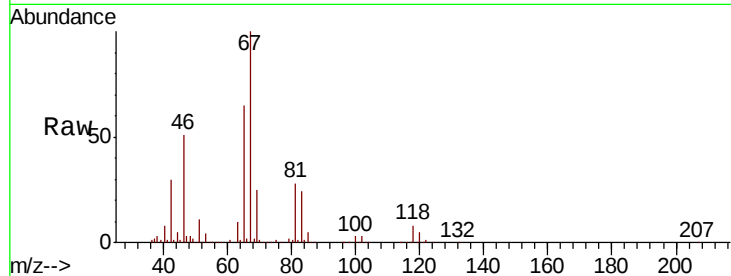




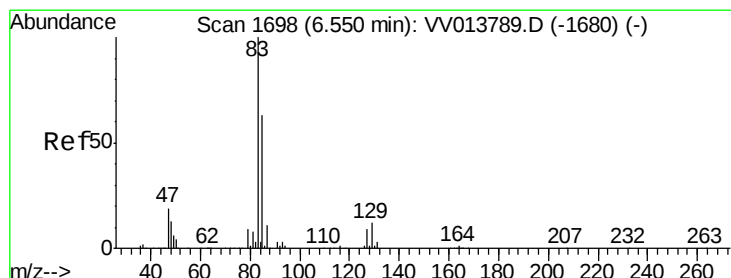
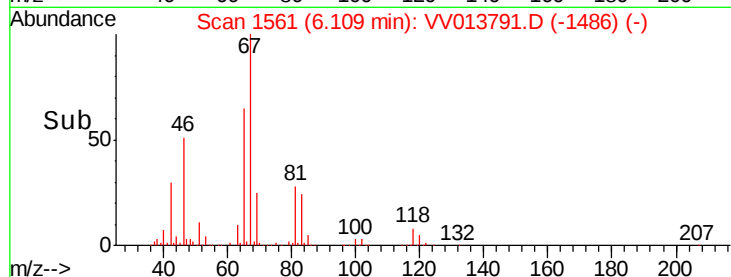
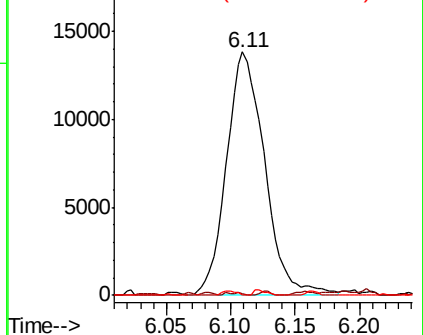
#35
Methvlcvclohexane
Concen: 0.964 ug/L
RT: 6.11 min Scan# 1561
Delta R.T. -0.06 min
Lab File: VV013791.D
Acq: 26 Nov 2019 17:16

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 28478
Ion Ratio Lower Upper
83 100
55 0.5 60.3 90.5#
98 0.7 38.1 57.1#

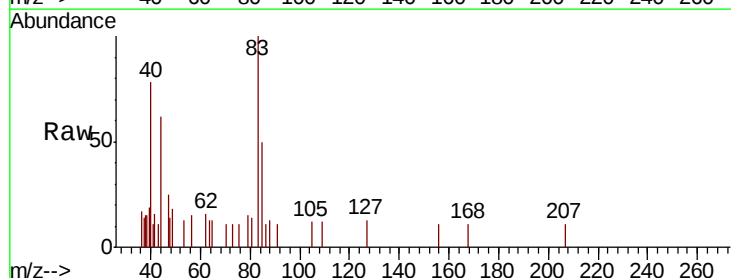


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

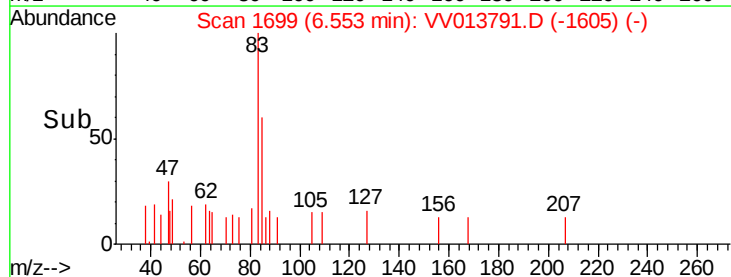
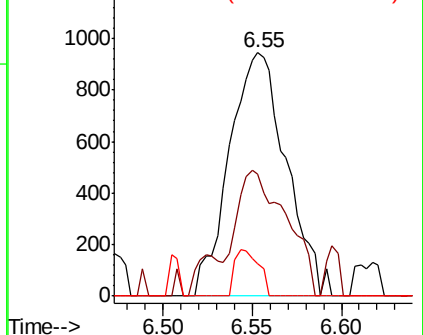


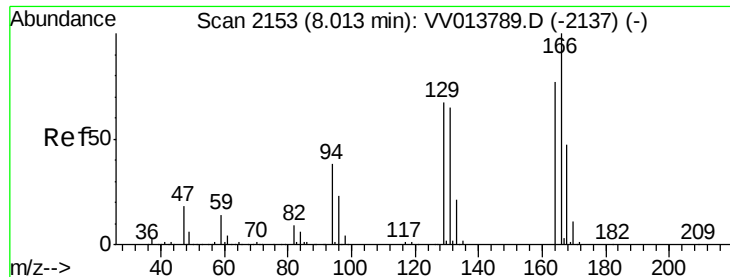
#38
Bromodichloromethane
Concen: 0.077 ug/L
RT: 6.55 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VV013791.D
Acq: 26 Nov 2019 17:16

Tgt Ion: 83 Resp: 2101
Ion Ratio Lower Upper
83 100
85 50.4 46.1 85.5
127 13.3 7.5 11.3#



Abundance Ion 82.95 (82.65 to 83.65): VV0
Ion 85.00 (84.70 to 85.70): VV0
Ion 126.90 (126.60 to 127.60): V

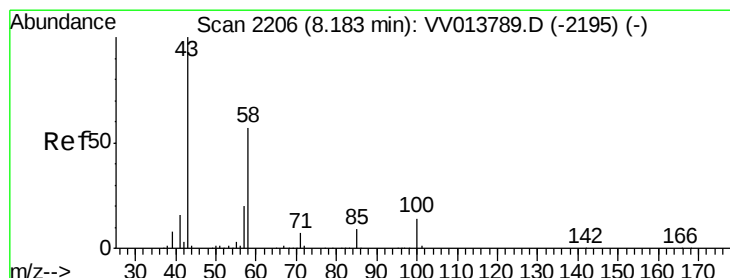
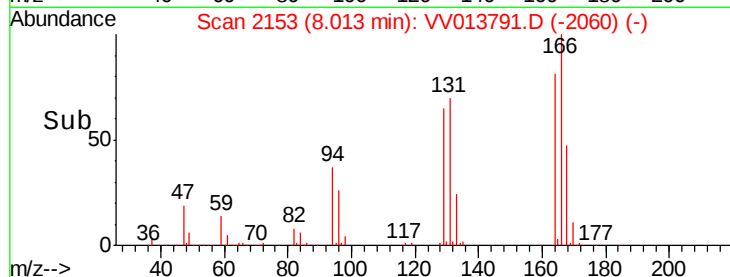
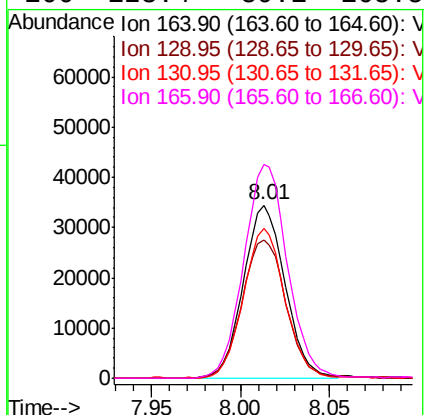
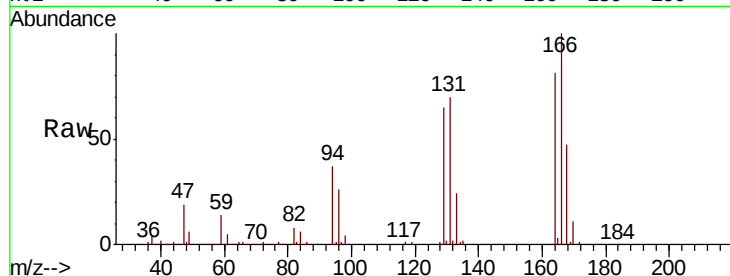




#47
Tetrachloroethene
Concen: 2.926 ug/L
RT: 8.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VV013791.D
Acq: 26 Nov 2019 17:16

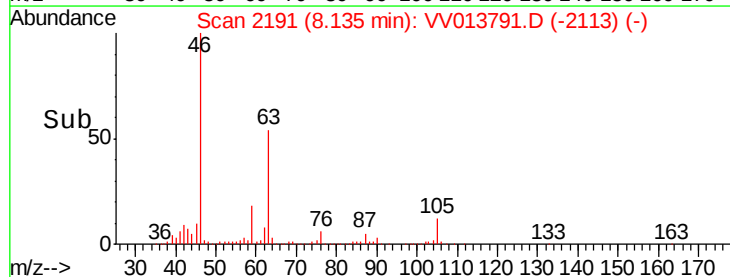
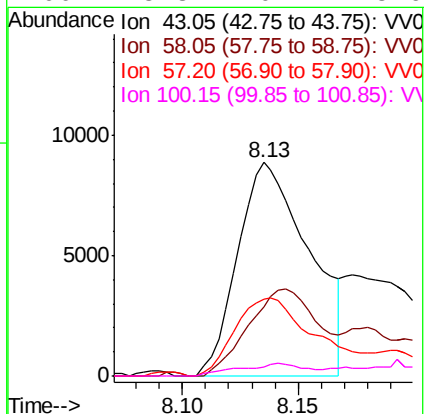
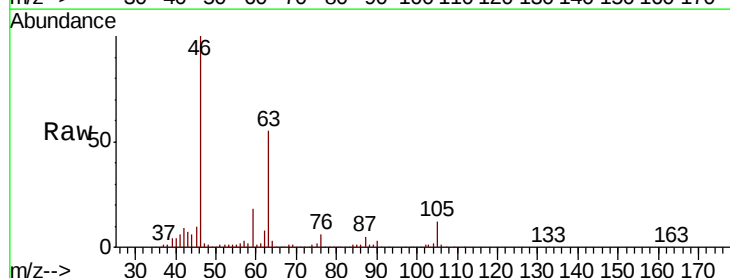
Instrument :
MSVOA_V
ClientSampleId :

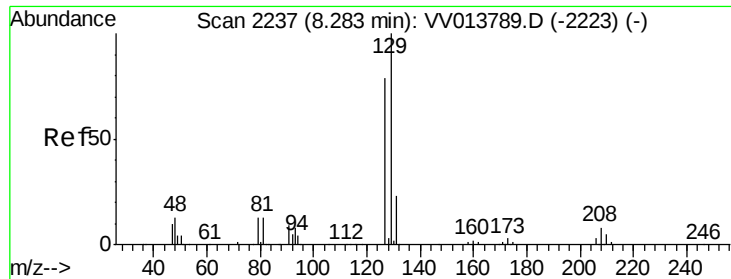
Tot Ion:	164	Resp:	56243
Ion	Ratio	Lower	Upper
164	100		
129	79.7	60.3	112.1
131	86.5	59.9	111.3
166	123.4	89.1	165.5



#48
2-Hexanone
Concen: 2.213 ug/L
RT: 8.13 min Scan# 2191
Delta R.T. -0.05 min
Lab File: VV013791.D
Acq: 26 Nov 2019 17:16

Tgt Ion:	43	Resp:	19012
Ion	Ratio	Lower	Upper
43	100		
58	39.9	43.2	64.8#
57	41.8	15.4	23.2#
100	5.3	10.4	15.6#





#49

Dibromochloromethane

Concen: 2.469 ug/L

RT: 8.01 min Scan# 2153

Delta R.T. -0.27 min

Lab File: VV013791.D

Acq: 26 Nov 2019 17:16

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:129 Resp: 46549

Ion Ratio Lower Upper

129 100

127 0.0 55.7 103.5#

