

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090919\
 Data File : VV012631.D
 Acq On : 09 Sep 2019 19:08
 Operator : SY/MD
 Sample : K4682-04
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 10 09:33:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Sep 10 09:27:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	401948	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	409227	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	165076	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	123068	4.51	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.20%
7) Chloroethane-d5	1.58	69	106886	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.80%
11) 1,1-Dichloroethene-d2	2.13	63	147602	3.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.00%
20) 2-Butanone-d5	3.96	46	364230	55.51	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.02%
24) Chloroform-d	4.40	84	228662	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
26) 1,2-Dichloroethane-d4	5.08	65	122250	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.00%
32) Benzene-d6	5.09	84	439989	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
36) 1,2-Dichloropropane-d6	6.12	67	148664	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.80%
41) Toluene-d8	7.36	98	348858	3.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.60%
43) trans-1,3-Dichloropropene-	7.66	79	47484	4.45	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.00%
46) 2-Hexanone-d5	8.14	63	185617	45.93	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.86%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	108293	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	144650	5.12	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.40%

Target Compounds

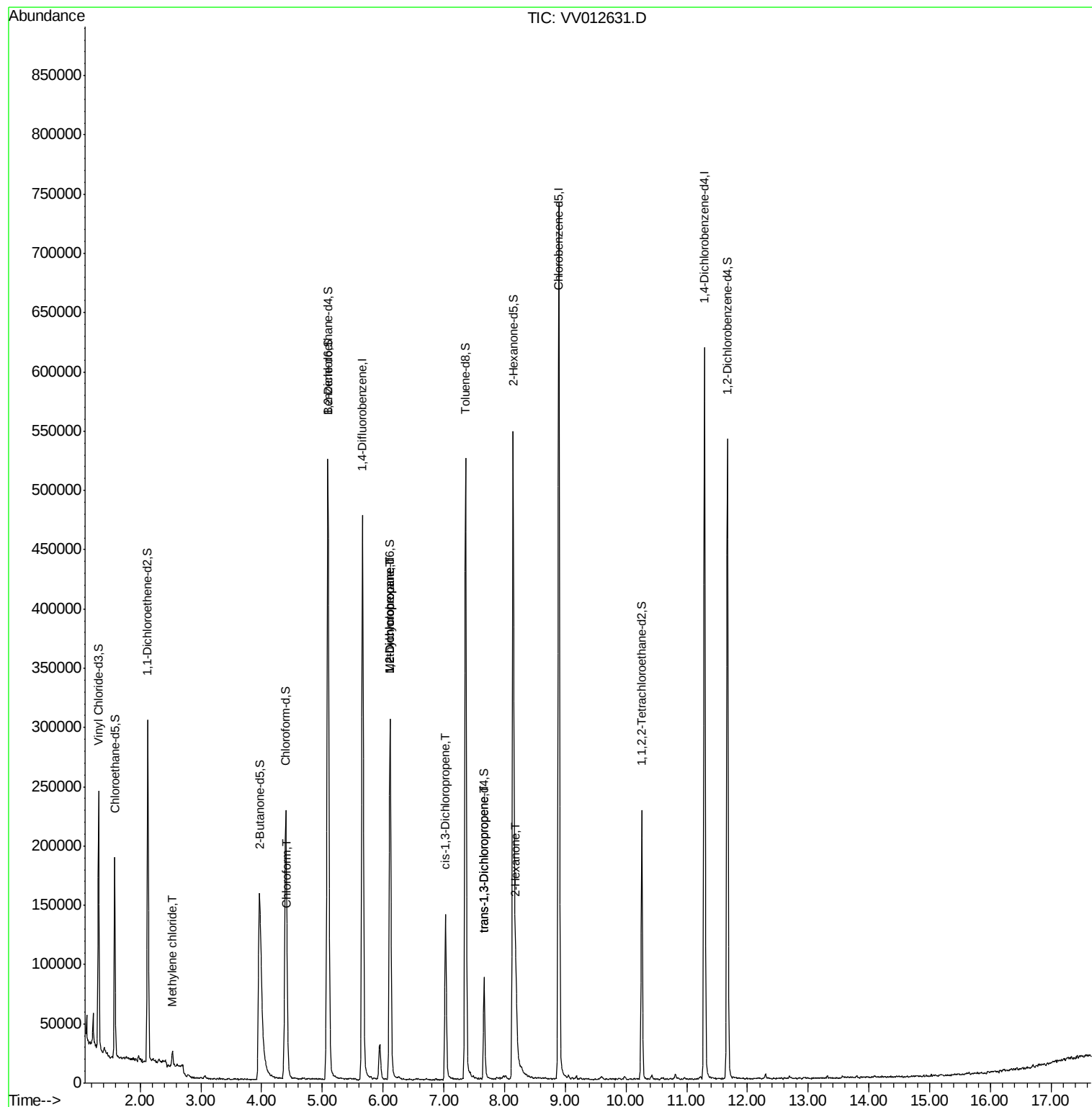
					Ovalue
16) Methylene chloride	2.53	84	4995	0.164 ug/L	95
25) Chloroform	4.43	83	11718	0.201 ug/L	97
35) Methylcyclohexane	6.11	83	36231	0.776 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	15743	0.529 ug/L #	88
39) cis-1,3-Dichloropropene	7.03	75	3643	0.093 ug/L #	65
44) trans-1,3-Dichloropropene	7.67	75	2248	0.076 ug/L #	69
48) 2-Hexanone	8.19	43	45504	3.851 ug/L #	79

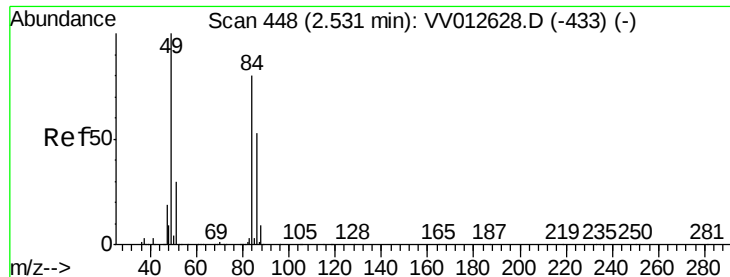
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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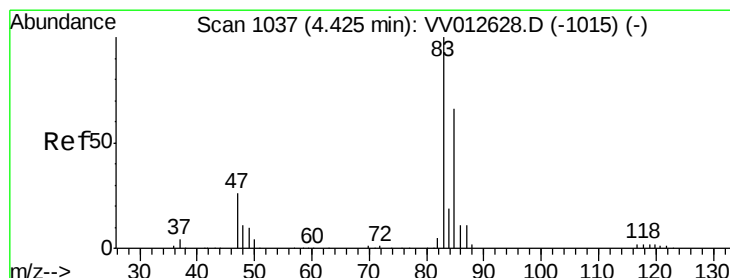
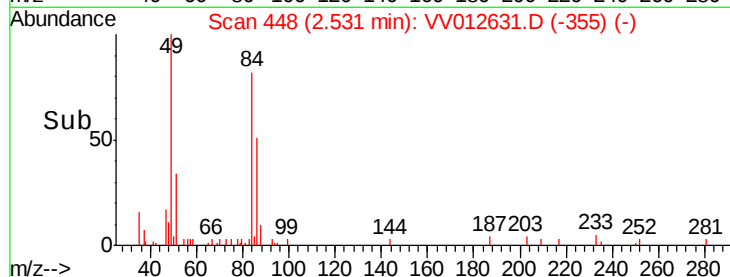
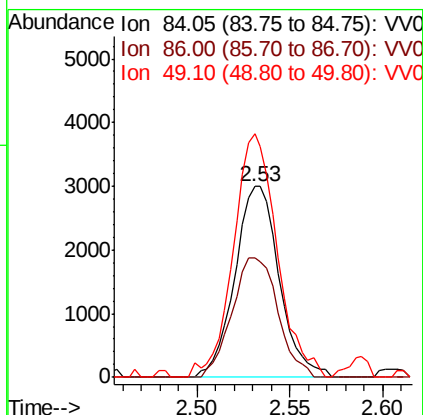
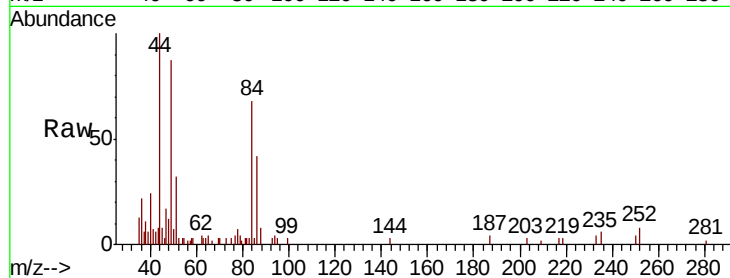




#16
Methvlene chloride
Concen: 0.164 ug/L
RT: 2.53 min Scan# 448
Delta R.T. 0.00 min
Lab File: VV012631.D
Acq: 09 Sep 2019 19:08

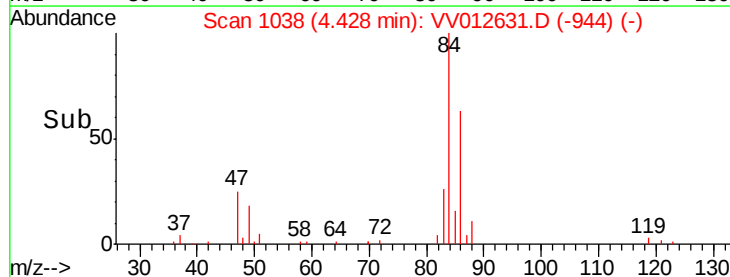
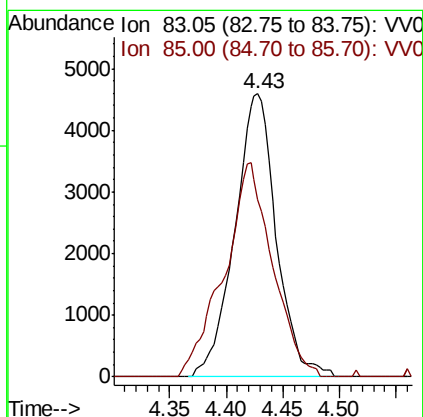
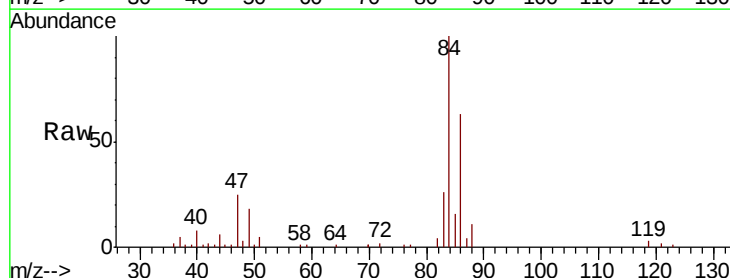
Instrument :
MSVOA_V
ClientSampled :

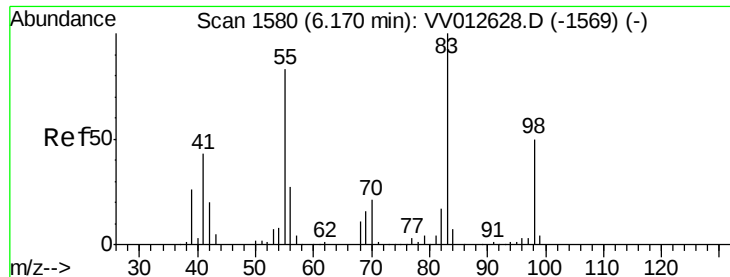
Tot Ion: 84 Resp: 4995
Ion Ratio Lower Upper
84 100
86 62.4 46.1 85.7
49 127.5 85.3 158.3



#25
Chloroform
Concen: 0.201 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV012631.D
Acq: 09 Sep 2019 19:08

Tgt Ion: 83 Resp: 11718
Ion Ratio Lower Upper
83 100
85 62.7 45.3 84.1

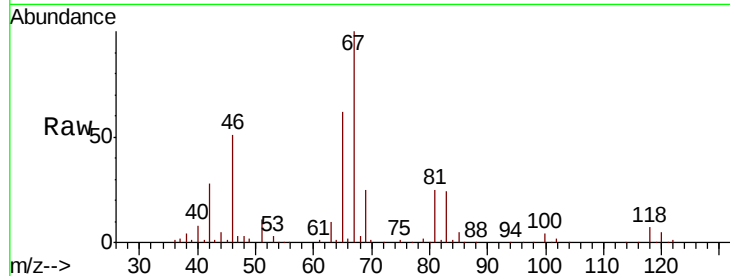




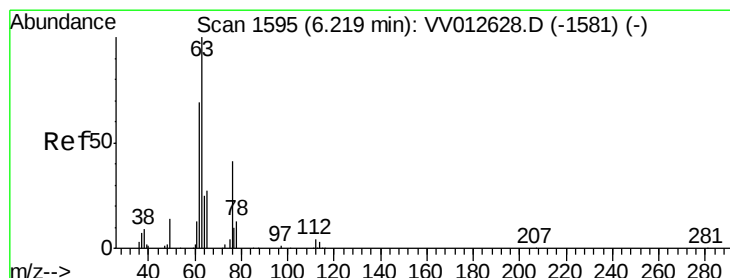
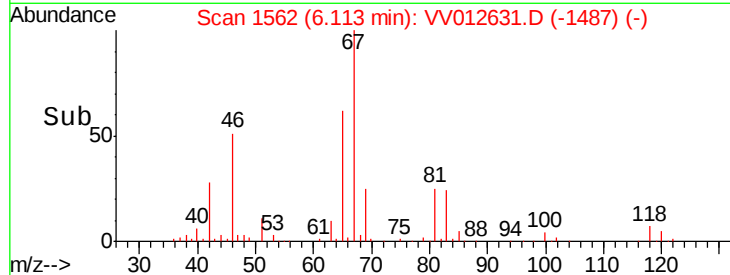
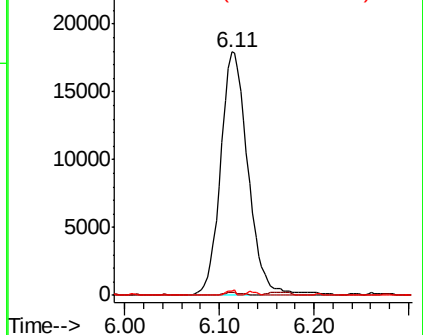
#35
Methvlcvclohexane
Concen: 0.776 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV012631.D
Acq: 09 Sep 2019 19:08

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 36231
Ion Ratio Lower Upper
83 100
55 0.8 63.0 94.4#
98 0.7 39.8 59.8#

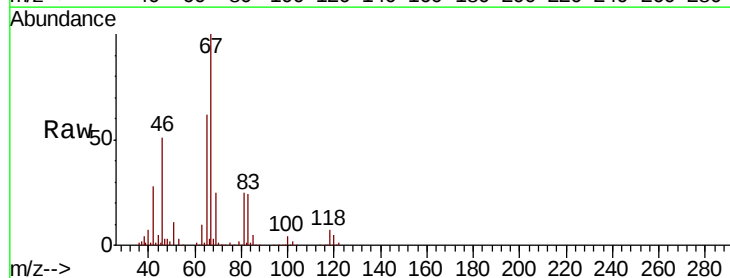


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

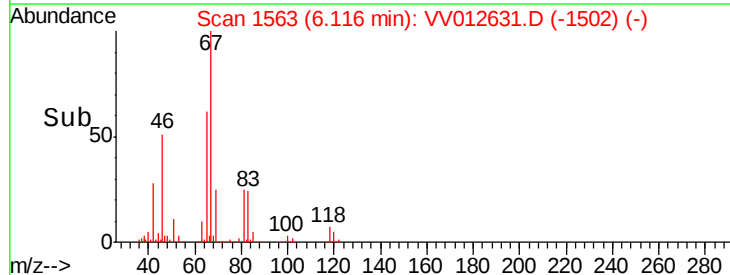
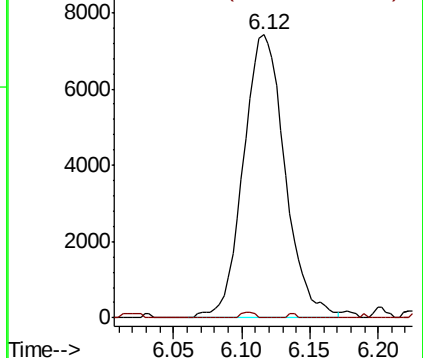


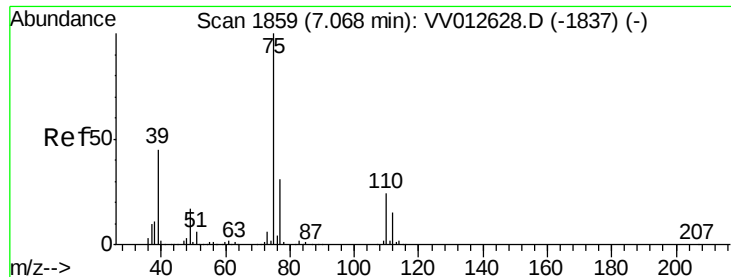
#37
1,2-Dichloropropane
Concen: 0.529 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV012631.D
Acq: 09 Sep 2019 19:08

Tgt Ion: 63 Resp: 15743
Ion Ratio Lower Upper
63 100
112 0.6 3.8 5.6#



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: 0.093 ug/L

RT: 7.03 min Scan# 1846

Delta R.T. -0.04 min

Lab File: VV012631.D

Acq: 09 Sep 2019 19:08

Instrument :

MSVOA_V

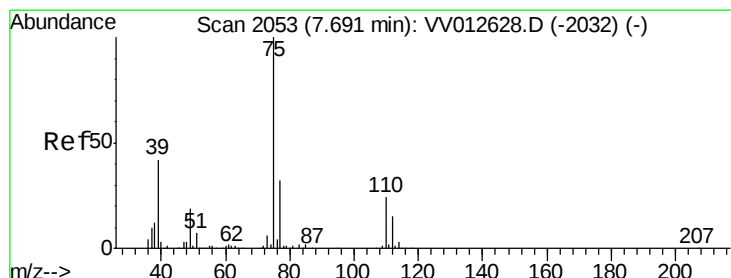
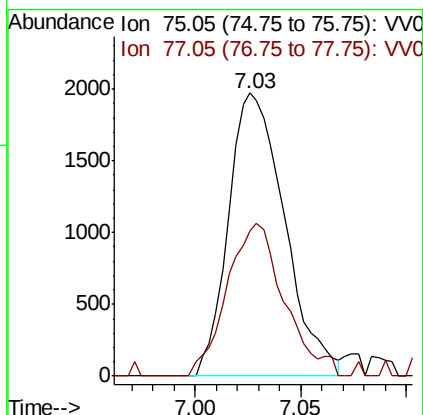
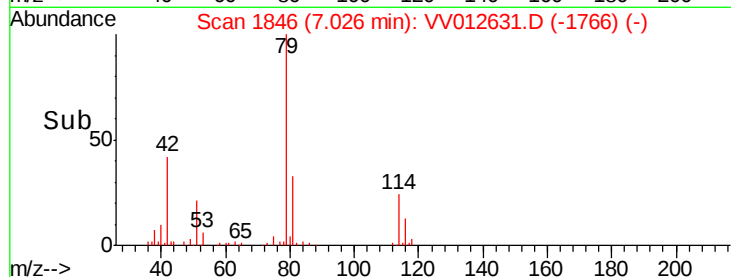
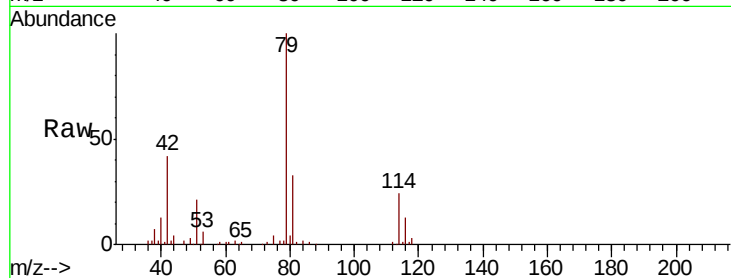
ClientSampleId :

Tot Ion: 75 Resp: 3643

Ion Ratio Lower Upper

75 100

77 51.1 22.3 41.3#



#44

trans-1,3-Dichloropropene

Concen: 0.076 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV012631.D

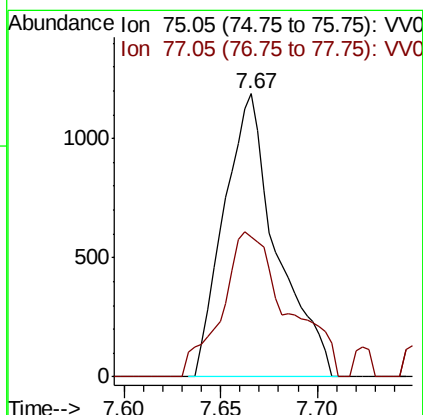
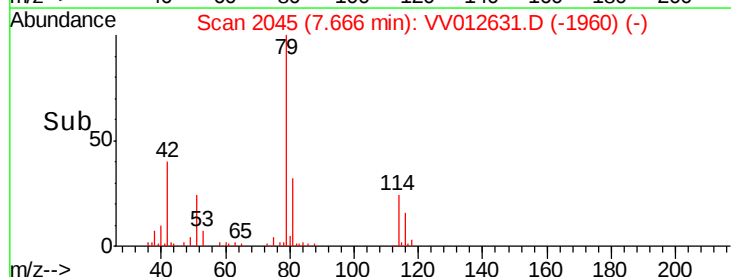
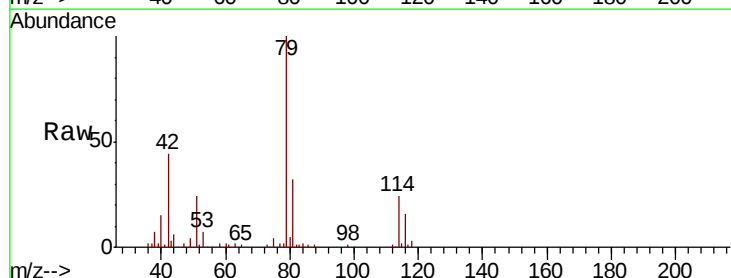
Acq: 09 Sep 2019 19:08

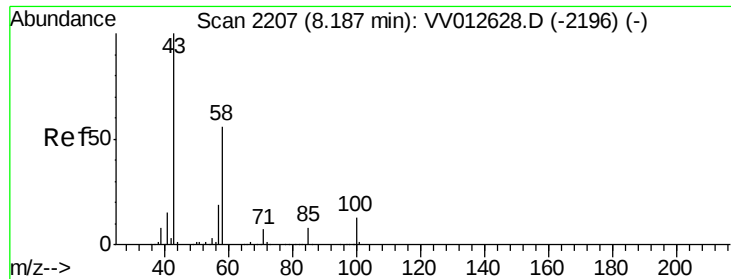
Tgt Ion: 75 Resp: 2248

Ion Ratio Lower Upper

75 100

77 49.2 22.4 41.6#





#48
 2-Hexanone
 Concen: 3.851 ug/L
 RT: 8.19 min Scan# 2207
 Delta R.T. 0.00 min
 Lab File: VV012631.D
 Acq: 09 Sep 2019 19:08

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 43 Resp: 45504
 Ion Ratio Lower Upper
 43 100
 58 38.1 44.8 67.2#
 57 11.8 14.9 22.3#
 100 8.1 9.8 14.8#

