

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052720\
 Data File : VV016219.D
 Acq On : 27 May 2020 11:37
 Operator : SY/MD
 Sample : L2731-15
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 28 01:19:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 28 01:17:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	88920	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	87518	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	38656	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	25682	4.50	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.00%
7) Chloroethane-d5	1.58	69	23961	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.60%
11) 1,1-Dichloroethene-d2	2.12	63	38084	3.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.00%
20) 2-Butanone-d5	3.96	46	73200	51.67	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.34%
24) Chloroform-d	4.38	84	55638	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
26) 1,2-Dichloroethane-d4	5.06	65	30292	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.60%
32) Benzene-d6	5.07	84	106091	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
36) 1,2-Dichloropropane-d6	6.10	67	34073	5.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.60%
41) Toluene-d8	7.34	98	94095	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
45) trans-1,3-Dichloropropene-	7.65	79	11608	4.64	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.80%
48) 2-Hexanone-d5	8.12	63	52007	45.36	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.72%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	23300	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	32873	5.09	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.80%

Target Compounds

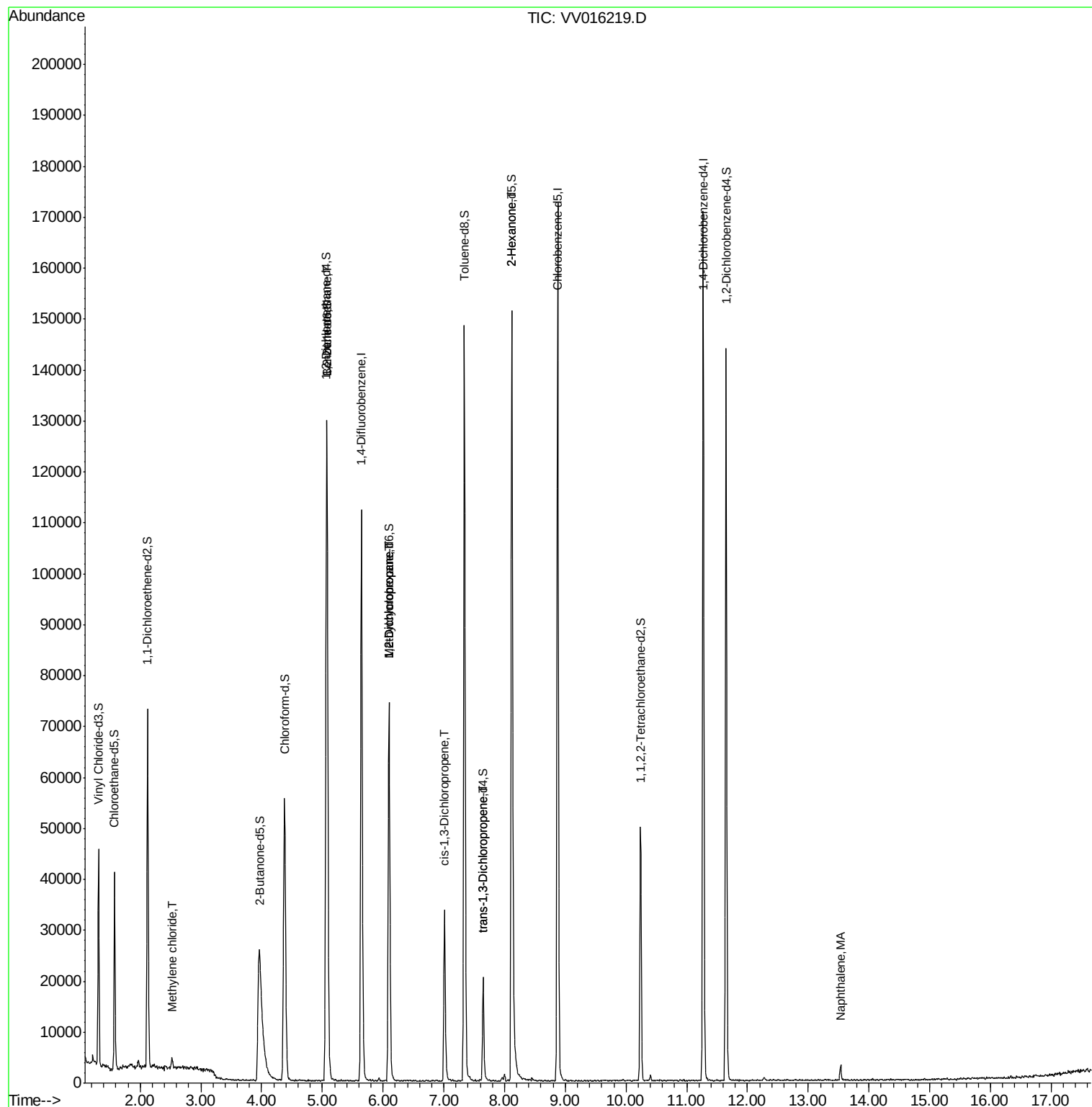
					Ovalue
16) Methylene chloride	2.52	84	772	0.128 ug/L	95
27) 1,2-Dichloroethane	5.07	62	681	0.090 ug/L #	79
35) Methylcyclohexane	6.10	83	8008	0.724 ug/L #	16
37) 1,2-Dichloropropane	6.10	63	3832	0.620 ug/L #	88
39) cis-1,3-Dichloropropene	7.01	75	853	0.098 ug/L #	50
46) trans-1,3-Dichloropropene	7.65	75	560	0.077 ug/L #	76
50) 2-Hexanone	8.12	43	7578	2.828 ug/L #	72
70) Naphthalene	13.53	128	2569	0.160 ug/L #	95

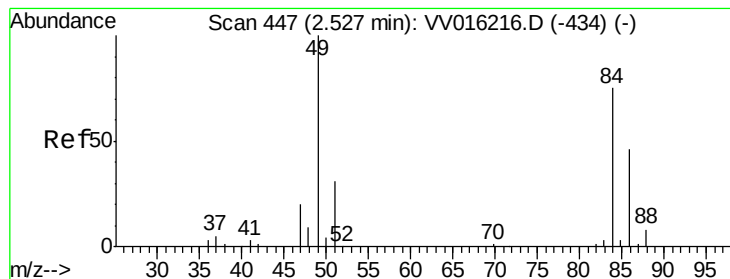
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 28 01:17:22 2020
Response via : Initial Calibration





#16

Methvlene chloride

Concen: 0.128 ug/L

RT: 2.52 min Scan# 445

Delta R.T. -0.01 min

Lab File: VV016219.D

Acq: 27 May 2020 11:37

Instrument :

MSVOA_V

ClientSampled :

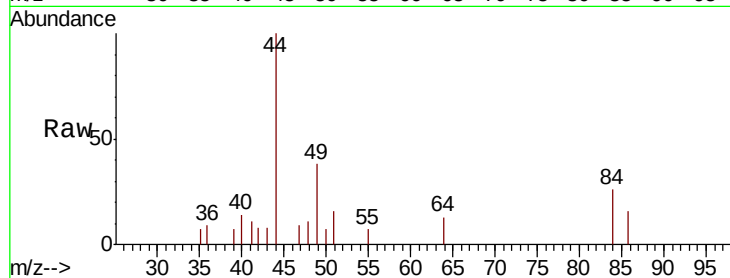
Tot Ion: 84 Resp: 772

Ion Ratio Lower Upper

84 100

86 64.0 44.9 83.5

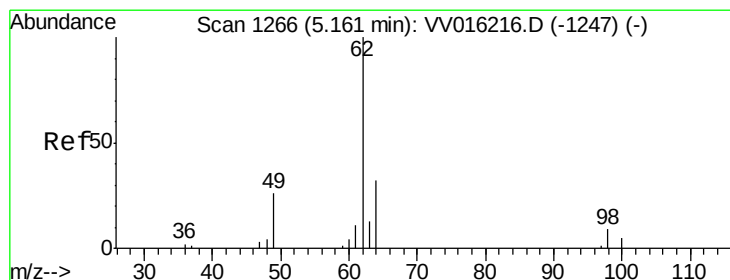
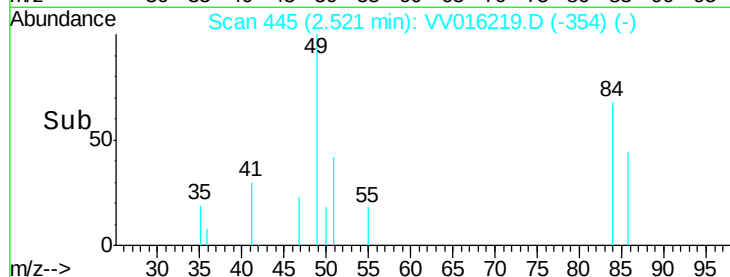
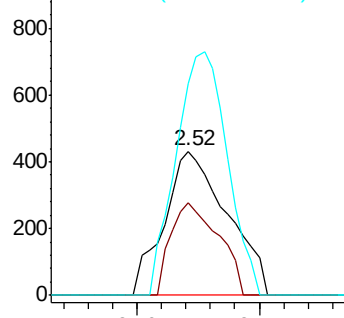
49 147.1 96.7 179.7



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



#27

1,2-Dichloroethane

Concen: 0.090 ug/L

RT: 5.07 min Scan# 1239

Delta R.T. -0.09 min

Lab File: VV016219.D

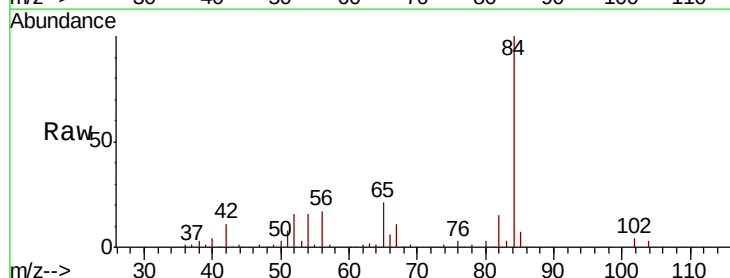
Acq: 27 May 2020 11:37

Tgt Ion: 62 Resp: 681

Ion Ratio Lower Upper

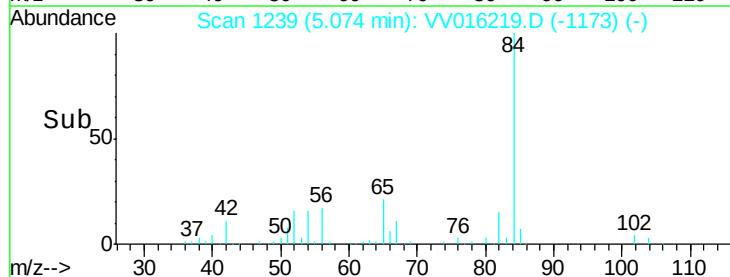
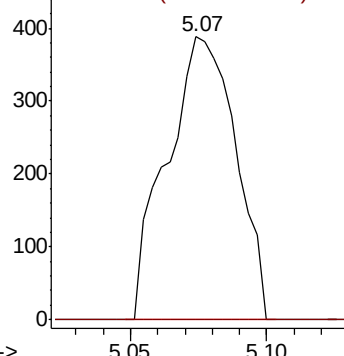
62 100

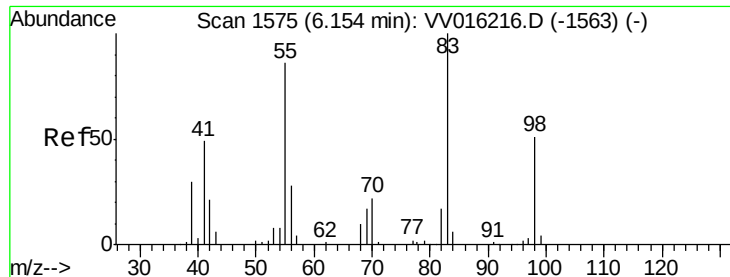
98 0.0 5.7 8.5#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.05 (97.75 to 98.75): VV0

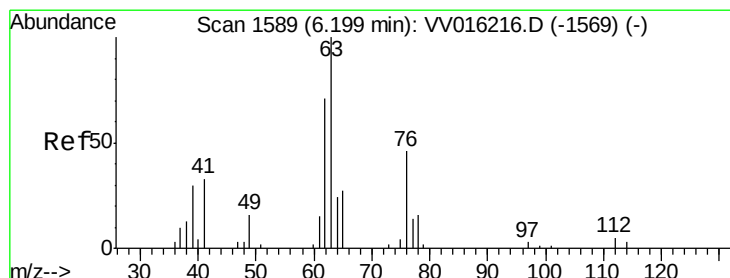
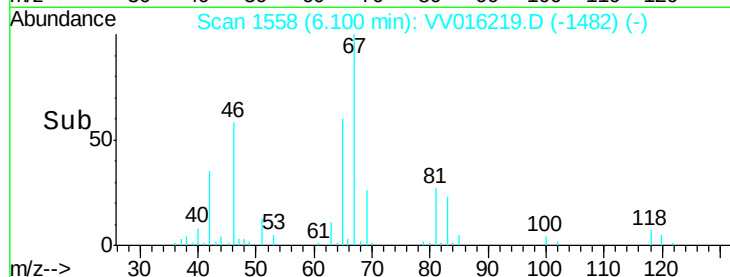
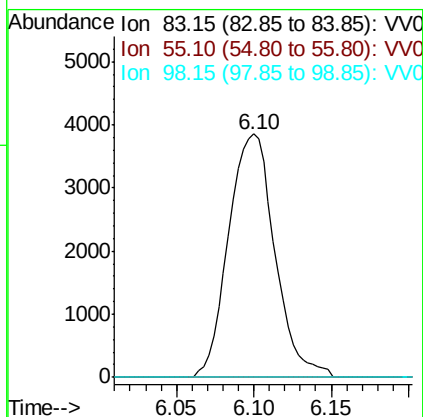
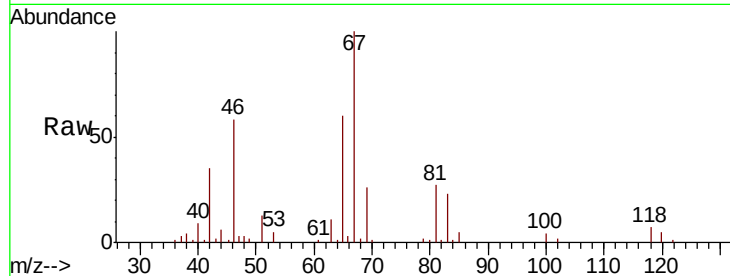




#35
Methylvlcyclohexane
Concen: 0.724 ug/L
RT: 6.10 min Scan# 1558
Delta R.T. -0.05 min
Lab File: VV016219.D
Acq: 27 May 2020 11:37

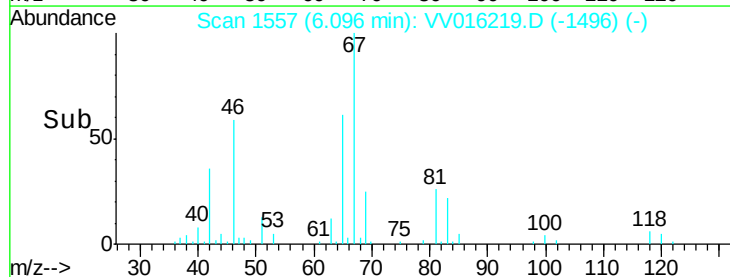
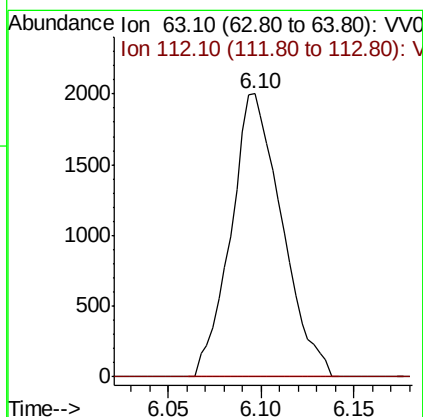
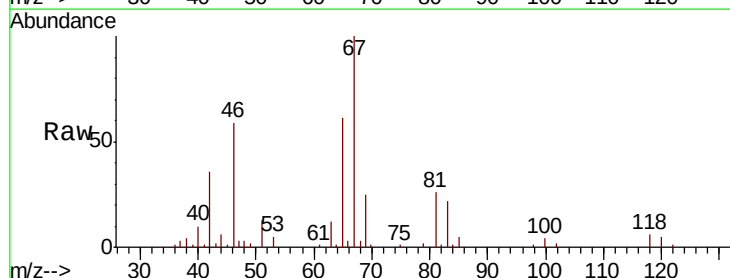
Instrument :
MSVOA_V
ClientSampleId :

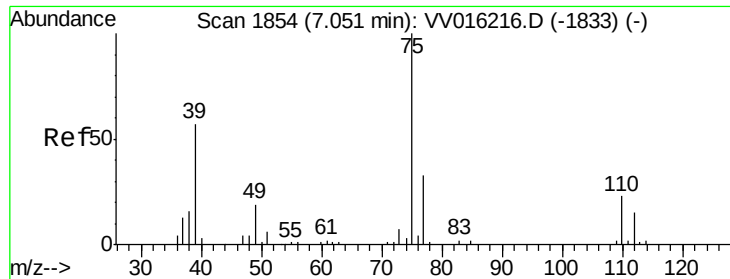
Tot Ion: 83 Resp: 8008
Ion Ratio Lower Upper
83 100
55 0.0 65.4 98.0#
98 0.0 39.3 58.9#



#37
1,2-Dichloropropane
Concen: 0.620 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV016219.D
Acq: 27 May 2020 11:37

Tgt Ion: 63 Resp: 3832
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#

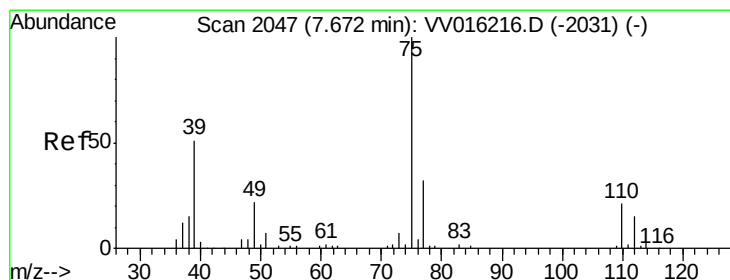
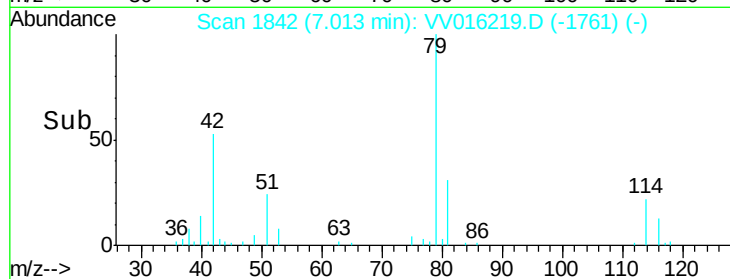
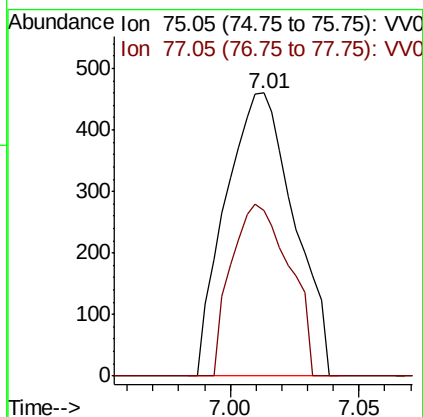
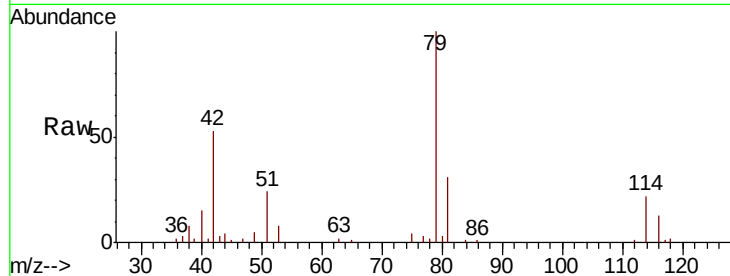




#39
 cis-1,3-Dichloropropene
 Concen: 0.098 ug/L
 RT: 7.01 min Scan# 1842
 Delta R.T. -0.04 min
 Lab File: VV016219.D
 Acq: 27 May 2020 11:37

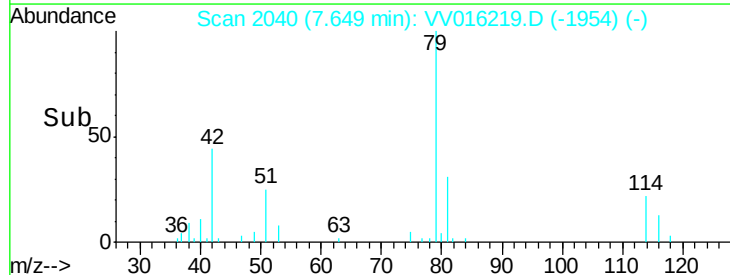
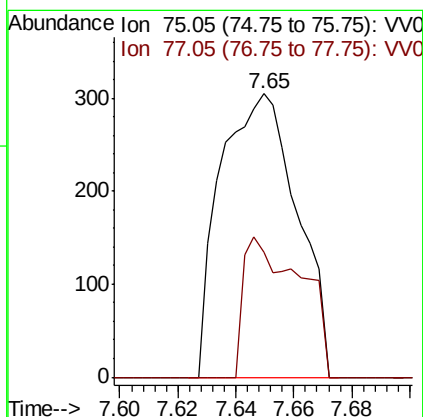
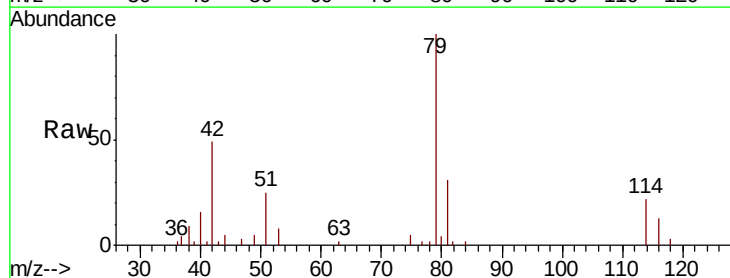
Instrument :
 MSVOA_V
 ClientSampleId :

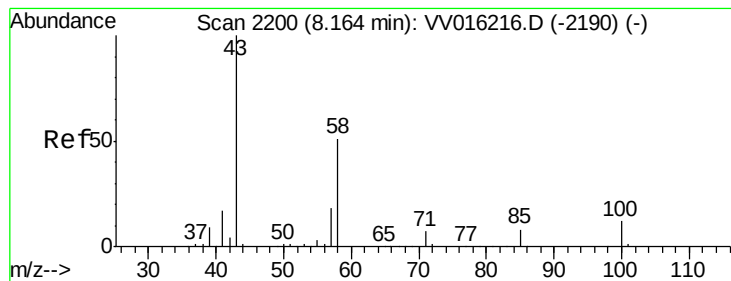
Tot Ion: 75 Resp: 853
 Ion Ratio Lower Upper
 75 100
 77 58.5 21.7 40.3#



#46
 trans-1,3-Dichloropropene
 Concen: 0.077 ug/L
 RT: 7.65 min Scan# 2040
 Delta R.T. -0.02 min
 Lab File: VV016219.D
 Acq: 27 May 2020 11:37

Tgt Ion: 75 Resp: 560
 Ion Ratio Lower Upper
 75 100
 77 43.9 21.7 40.3#





#50

2-Hexanone

Concen: 2.828 ug/L

RT: 8.12 min Scan# 2186

Delta R.T. -0.04 min

Lab File: VV016219.D

Acq: 27 May 2020 11:37

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 7578

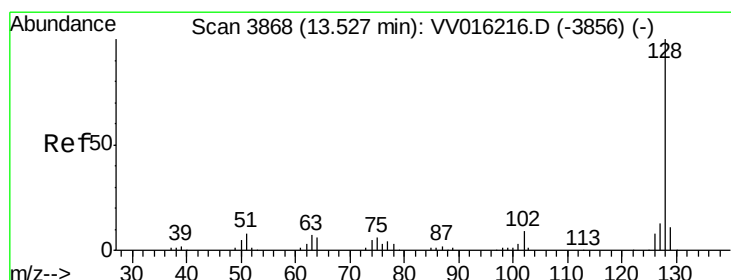
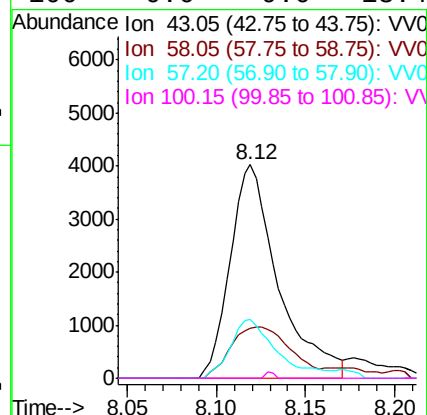
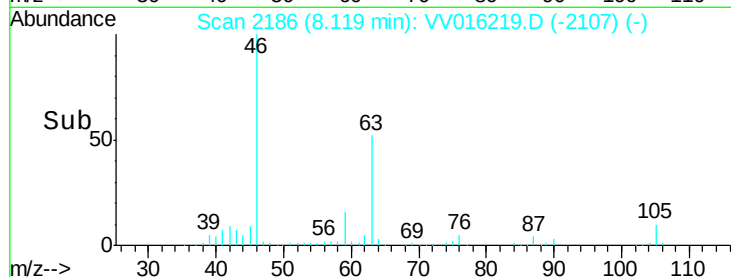
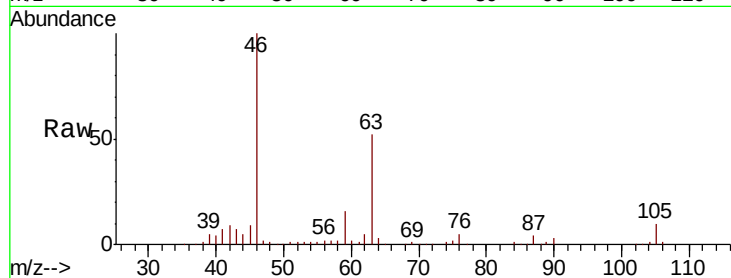
Ion Ratio Lower Upper

43 100

58 29.5 41.4 62.0#

57 26.6 15.0 22.4#

100 0.6 9.0 13.4#



#70

Naphthalene

Concen: 0.160 ug/L

RT: 13.53 min Scan# 3869

Delta R.T. 0.00 min

Lab File: VV016219.D

Acq: 27 May 2020 11:37

Tgt Ion: 128 Resp: 2569

Ion Ratio Lower Upper

128 100

129 8.6 8.6 13.0#

127 11.3 10.6 15.8

