

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052720\
 Data File : VV016231.D
 Acq On : 27 May 2020 16:28
 Operator : SY/MD
 Sample : L2753-24
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 28 01:24:09 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	90547	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	88574	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	39505	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	25942	4.46	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.20%
7) Chloroethane-d5	1.58	69	23927	4.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.60%
11) 1,1-Dichloroethene-d2	2.13	63	36650	3.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.20%
20) 2-Butanone-d5	3.94	46	68874	47.75	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.50%
24) Chloroform-d	4.38	84	52387	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
26) 1,2-Dichloroethane-d4	5.06	65	28182	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
32) Benzene-d6	5.08	84	99087	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
36) 1,2-Dichloropropane-d6	6.10	67	31338	4.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.40%
41) Toluene-d8	7.34	98	87187	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.40%
45) trans-1,3-Dichloropropene-	7.65	79	10449	4.13	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.60%
48) 2-Hexanone-d5	8.12	63	46577	40.14	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.28%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	21183	4.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	30888	4.68	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.60%

Target Compounds

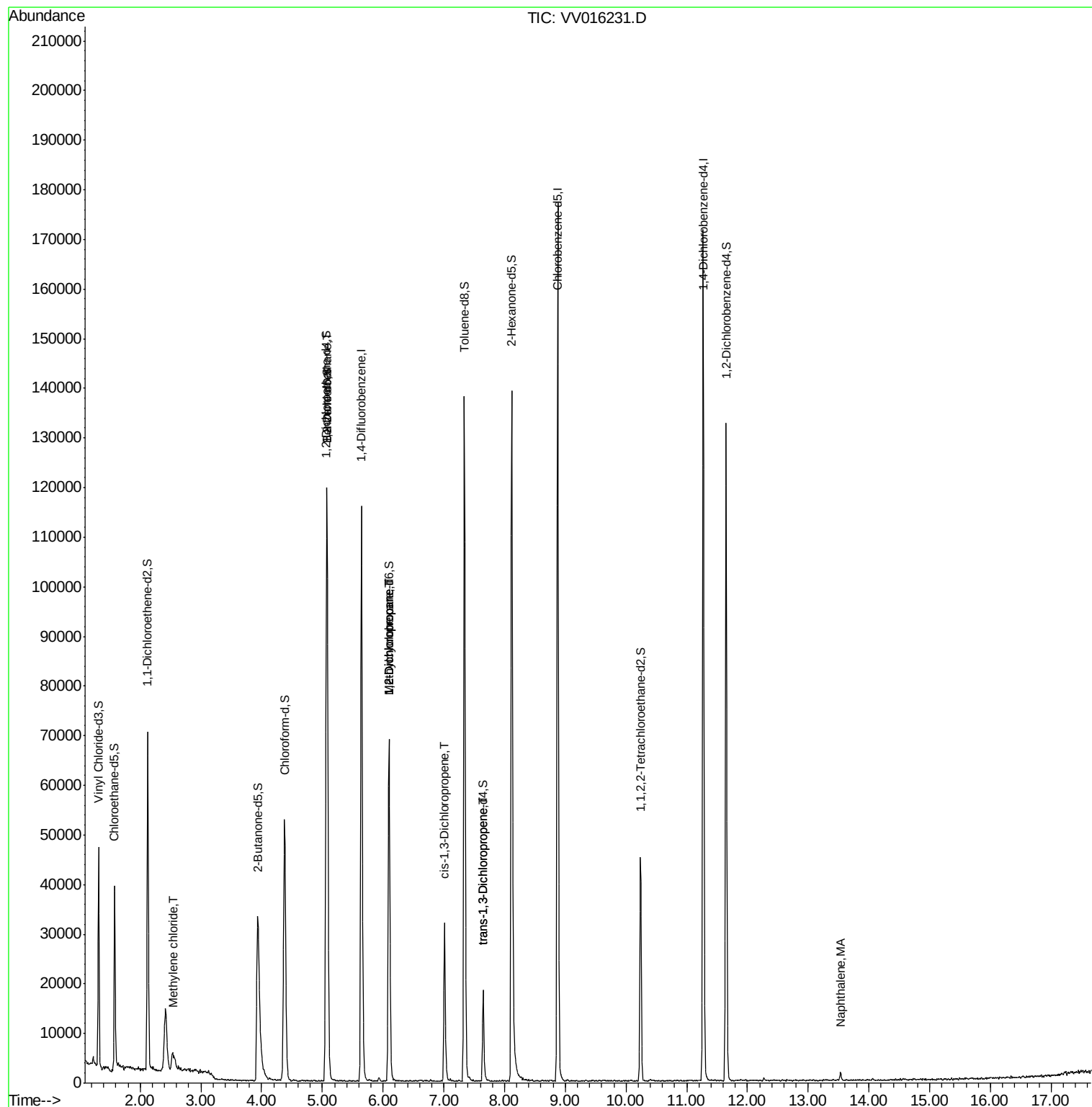
					Ovalue
16) Methylene chloride	2.53	84	682	0.111 ug/L	95
27) 1,2-Dichloroethane	5.08	62	593	0.077 ug/L #	79
35) Methylcyclohexane	6.10	83	7574	0.676 ug/L #	16
37) 1,2-Dichloropropane	6.10	63	3780	0.605 ug/L #	88
39) cis-1,3-Dichloropropene	7.01	75	911	0.103 ug/L	87
46) trans-1,3-Dichloropropene	7.65	75	384	0.052 ug/L #	59
70) Naphthalene	13.53	128	1761	0.108 ug/L #	93

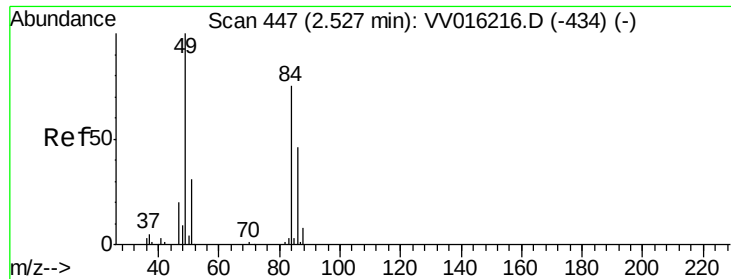
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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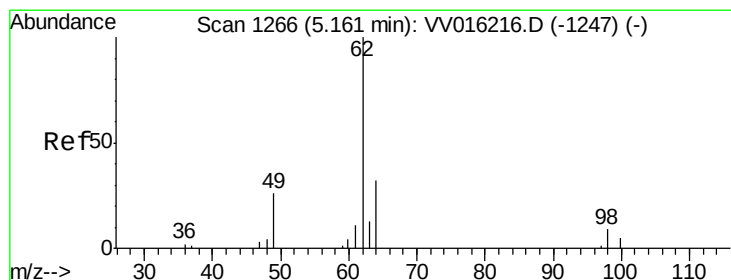
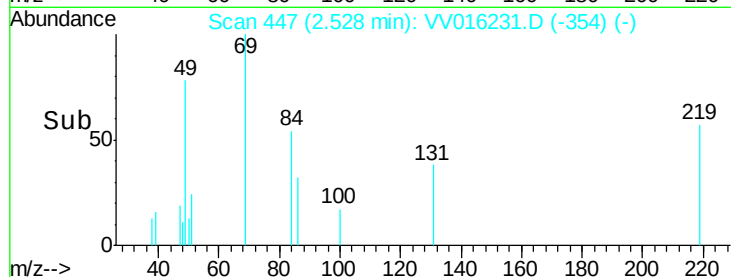
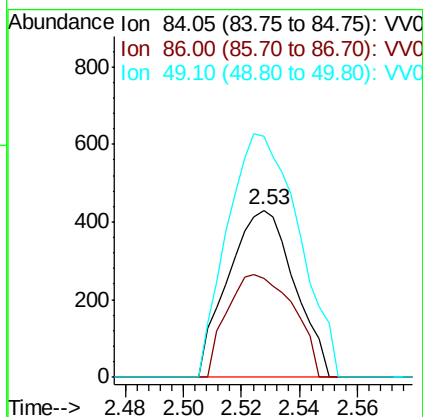
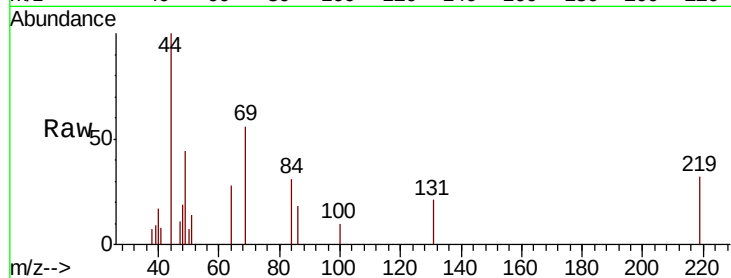




#16
Methylene chloride
Concen: 0.111 ug/L
RT: 2.53 min Scan# 447
Delta R.T. 0.00 min
Lab File: VV016231.D
Acq: 27 May 2020 16:28

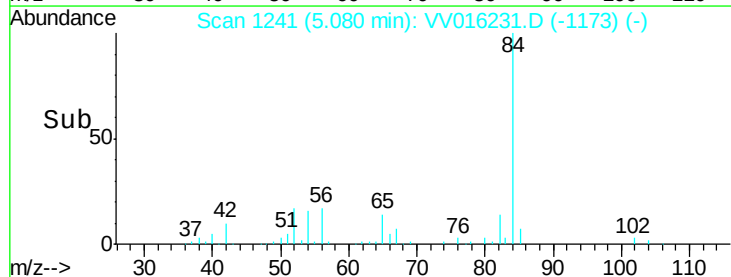
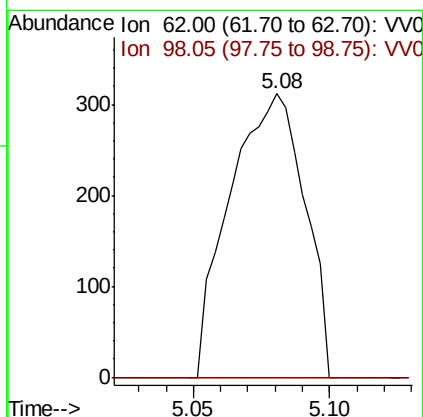
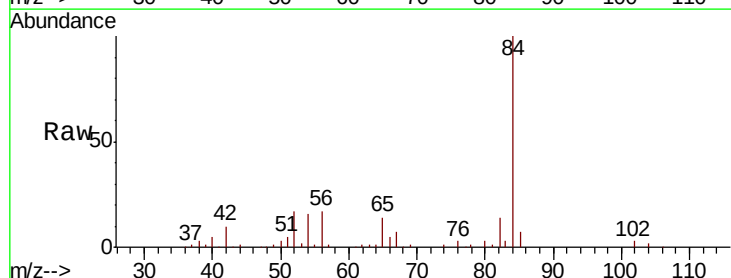
Instrument :
MSVOA_V
ClientSampled :

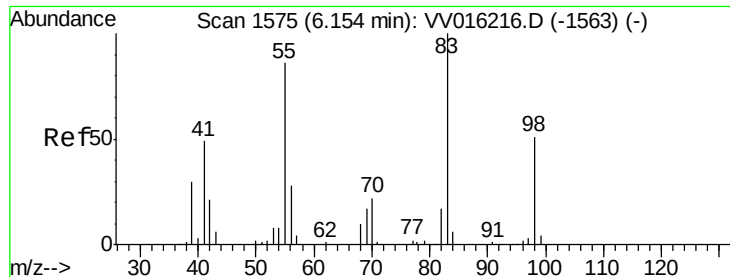
Tot Ion: 84 Resp: 682
Ion Ratio Lower Upper
84 100
86 58.9 44.9 83.5
49 144.1 96.7 179.7



#27
1,2-Dichloroethane
Concen: 0.077 ug/L
RT: 5.08 min Scan# 1241
Delta R.T. -0.08 min
Lab File: VV016231.D
Acq: 27 May 2020 16:28

Tgt Ion: 62 Resp: 593
Ion Ratio Lower Upper
62 100
98 0.0 5.7 8.5#

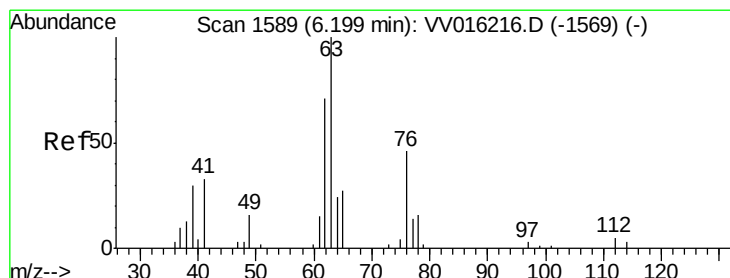
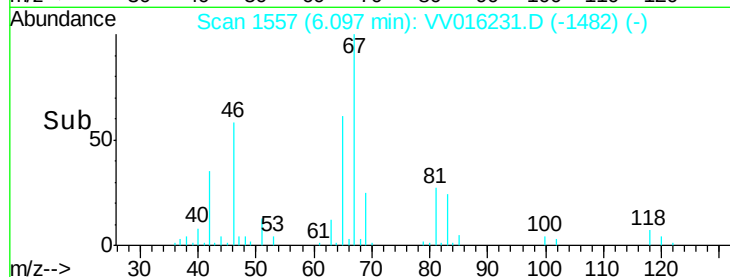
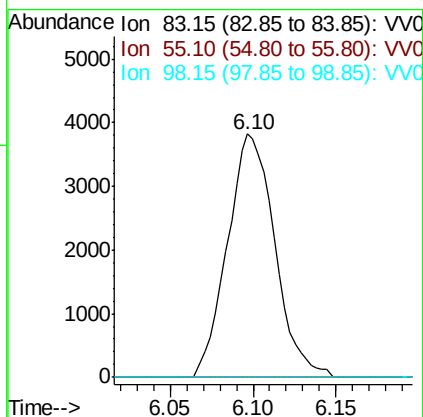
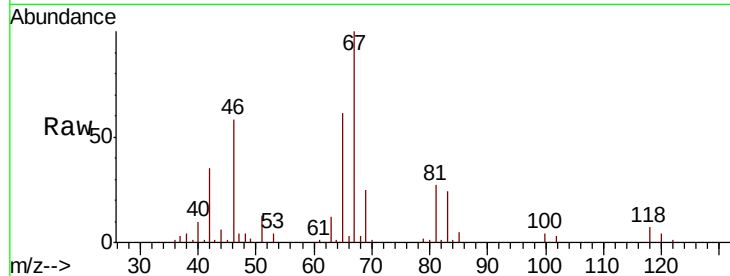




#35
Methylvlcyclohexane
Concen: 0.676 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.06 min
Lab File: VV016231.D
Acq: 27 May 2020 16:28

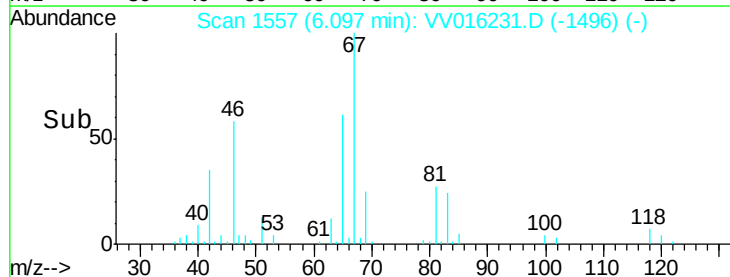
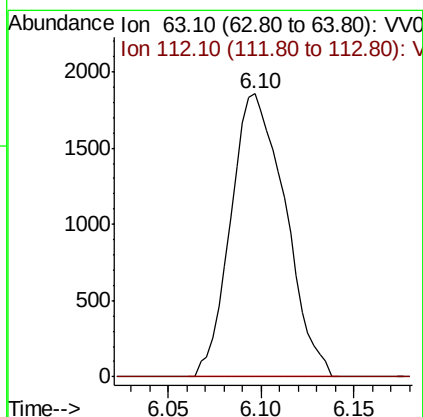
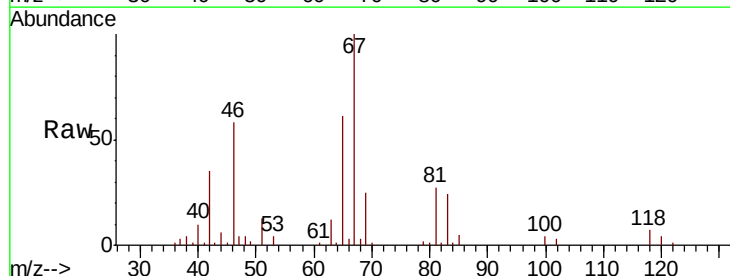
Instrument :
MSVOA_V
ClientSampleId :

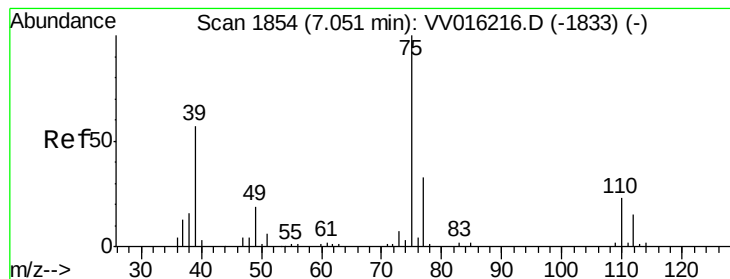
Tot Ion: 83 Resp: 7574
Ion Ratio Lower Upper
83 100
55 0.0 65.4 98.0#
98 0.0 39.3 58.9#



#37
1,2-Dichloropropane
Concen: 0.605 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV016231.D
Acq: 27 May 2020 16:28

Tgt Ion: 63 Resp: 3780
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#



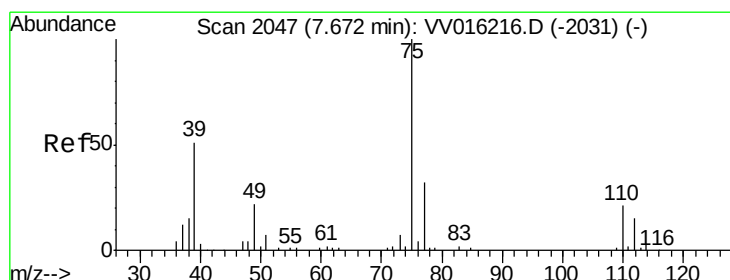
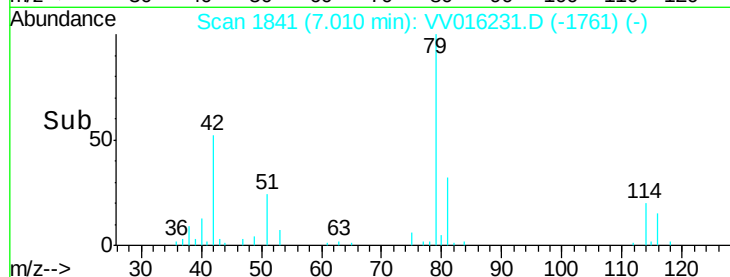
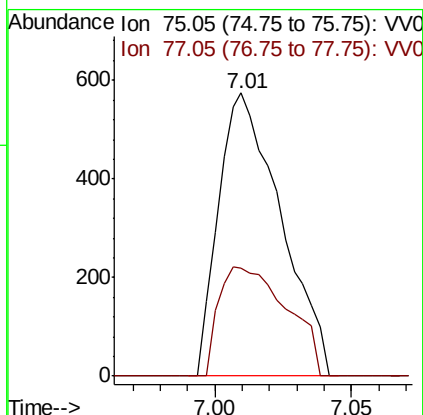
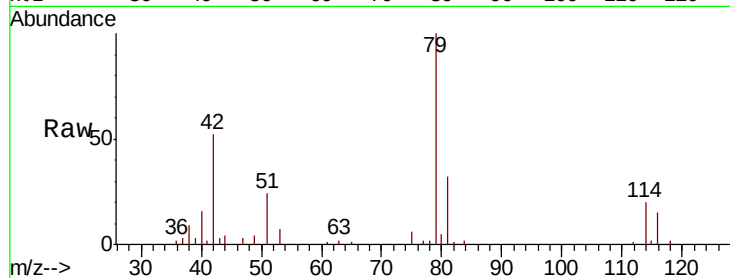


#39

cis-1,3-Dichloropropene
Concen: 0.103 ug/L
RT: 7.01 min Scan# 1841
Delta R.T. -0.04 min
Lab File: VV016231.D
Acq: 27 May 2020 16:28

Instrument :
MSVOA_V
ClientSampleId :

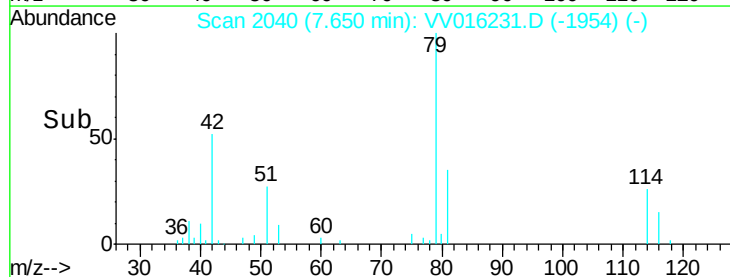
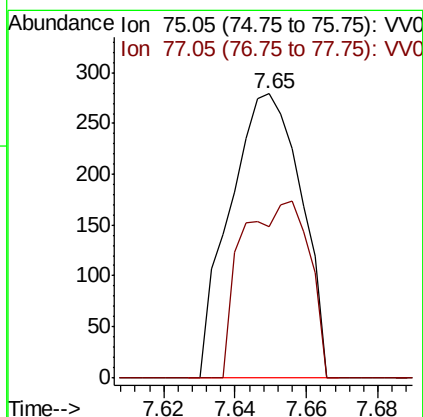
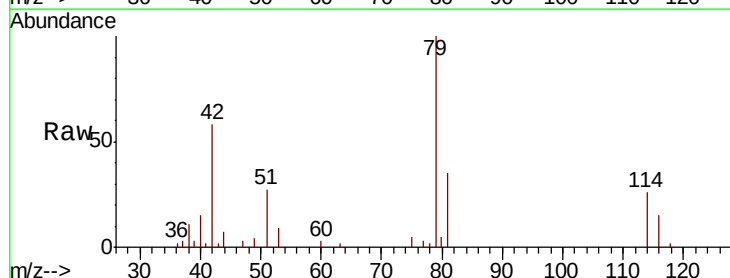
Tot Ion: 75 Resp: 911
Ion Ratio Lower Upper
75 100
77 38.3 21.7 40.3

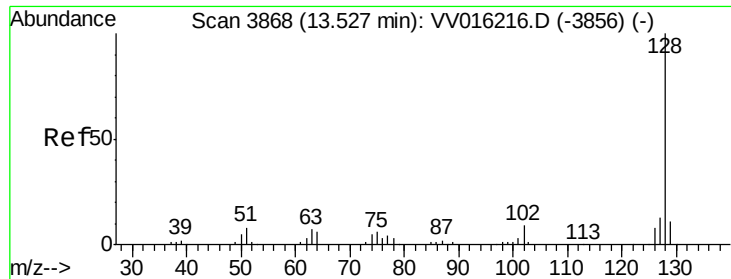


#46

trans-1,3-Dichloropropene
Concen: 0.052 ug/L
RT: 7.65 min Scan# 2040
Delta R.T. -0.02 min
Lab File: VV016231.D
Acq: 27 May 2020 16:28

Tgt Ion: 75 Resp: 384
Ion Ratio Lower Upper
75 100
77 53.4 21.7 40.3#





#70

Naphthalene

Concen: 0.108 ug/L

RT: 13.53 min Scan# 3869

Delta R.T. 0.00 min

Lab File: VV016231.D

Acq: 27 May 2020 16:28

Instrument :

MSVOA_V

ClientSampleId :

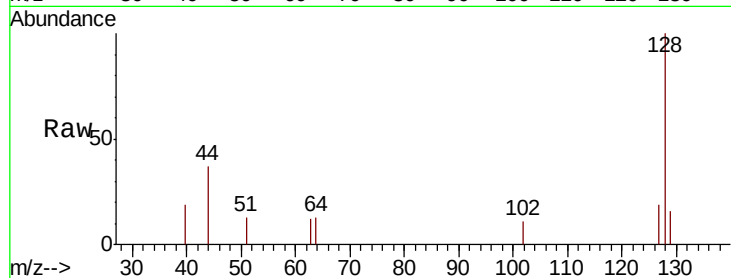
Tot Ion:128 Resp: 1761

Ion Ratio Lower Upper

128 100

129 6.2 8.6 13.0#

127 12.4 10.6 15.8



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

