

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060120\
 Data File : VV016417.D
 Acq On : 01 Jun 2020 17:45
 Operator : SY/MD
 Sample : L2780-18
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 02 01:18:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053020WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 02 01:13:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	84085	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	81383	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	35455	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	28557	3.88	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.60%
7) Chloroethane-d5	1.58	69	23606	4.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.40%
11) 1,1-Dichloroethene-d2	2.13	63	41258	3.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.20%
20) 2-Butanone-d5	3.95	46	80947	50.96	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.92%
24) Chloroform-d	4.38	84	55802	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.60%
26) 1,2-Dichloroethane-d4	5.06	65	31281	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
32) Benzene-d6	5.08	84	110277	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
36) 1,2-Dichloropropane-d6	6.10	67	34089	4.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.60%
41) Toluene-d8	7.34	98	93785	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.80%
45) trans-1,3-Dichloropropene-	7.64	79	10636	4.13	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.60%
48) 2-Hexanone-d5	8.11	63	62954	52.53	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.06%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	24497	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	32109	4.88	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.60%

Target Compounds

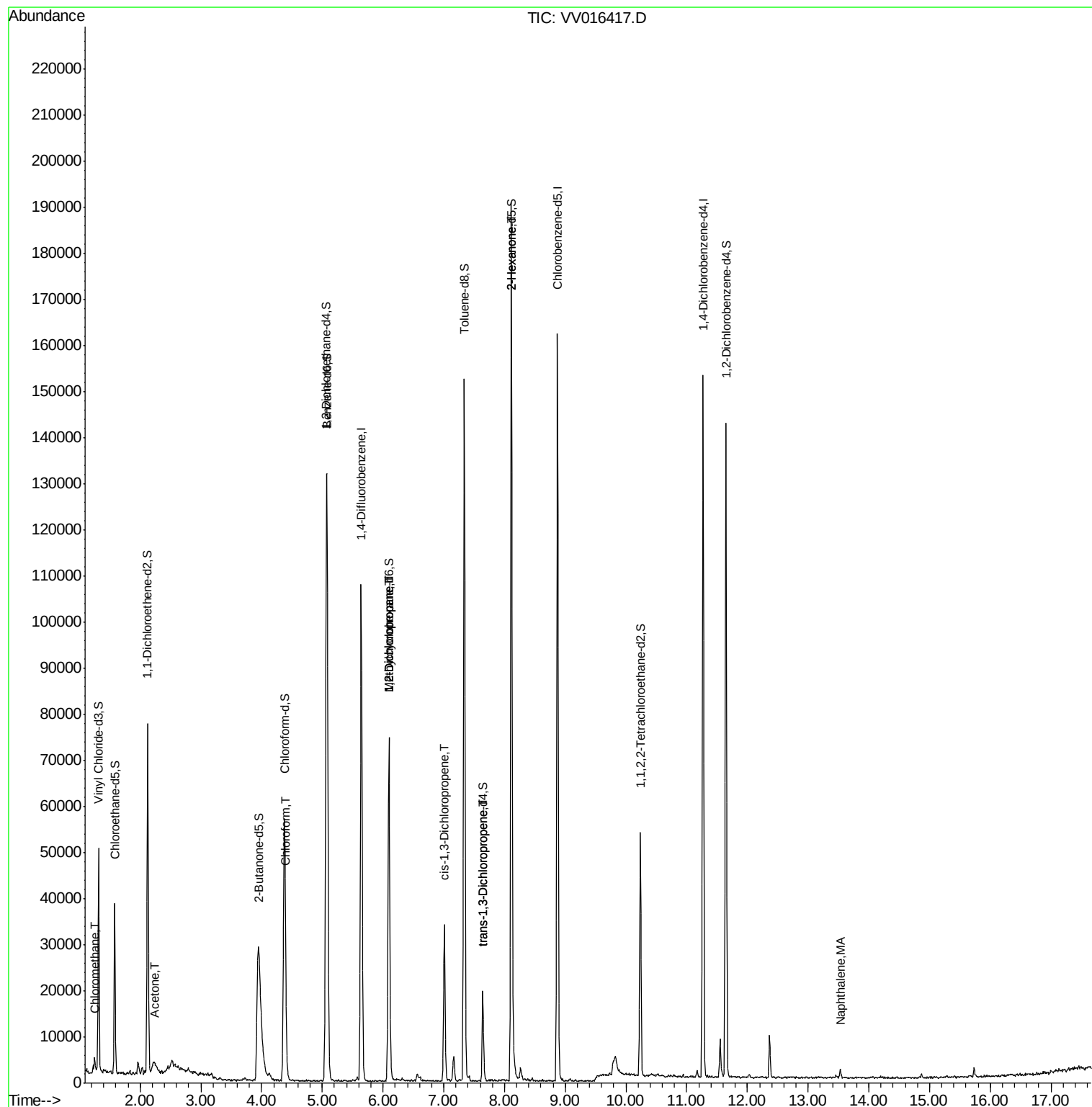
					Ovalue
3) Chloromethane	1.25	50	1513	0.180 ug/L	96
13) Acetone	2.24	43	4608	4.313 ug/L	82
25) Chloroform	4.40	83	1650	0.145 ug/L	96
35) Methylcyclohexane	6.09	83	8487	0.834 ug/L #	15
37) 1,2-Dichloropropane	6.10	63	3794	0.623 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	926	0.115 ug/L #	72
46) trans-1,3-Dichloropropene	7.64	75	516	0.078 ug/L #	59
50) 2-Hexanone	8.11	43	8405	3.275 ug/L #	70
70) Naphthalene	13.53	128	1865	0.115 ug/L #	84

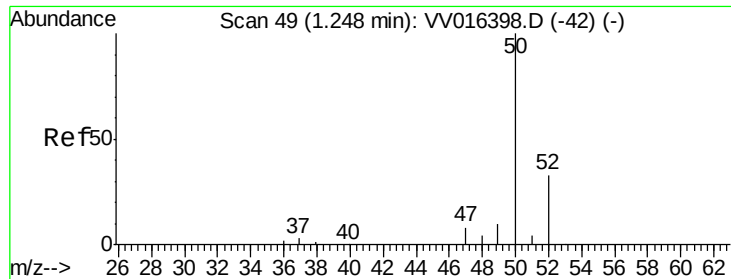
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jun 02 01:13:11 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.180 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

Lab File: VV016417.D

Acq: 01 Jun 2020 17:45

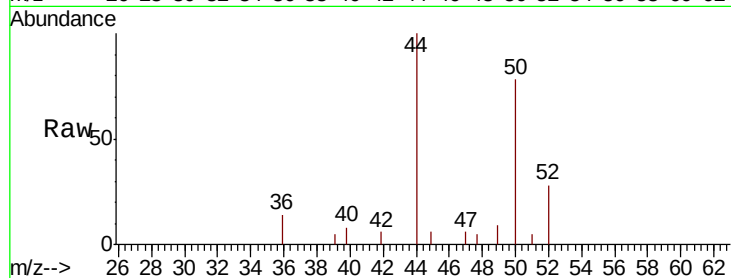
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 50 Resp: 1513

Ion Ratio Lower Upper

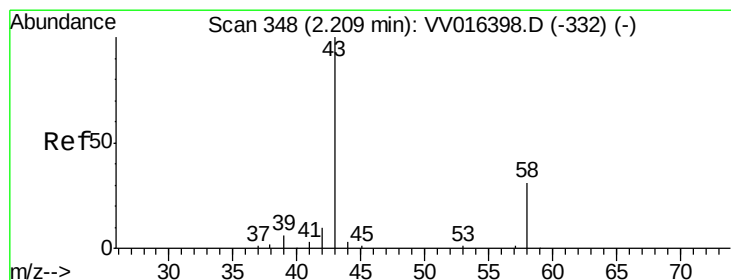
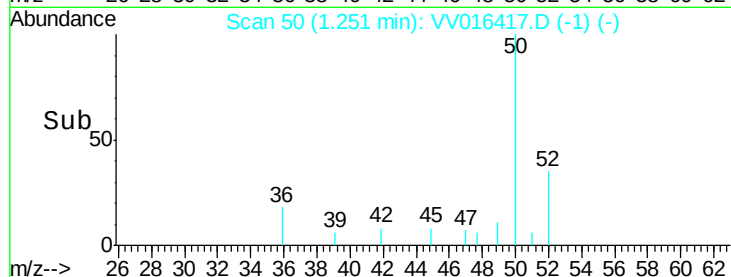
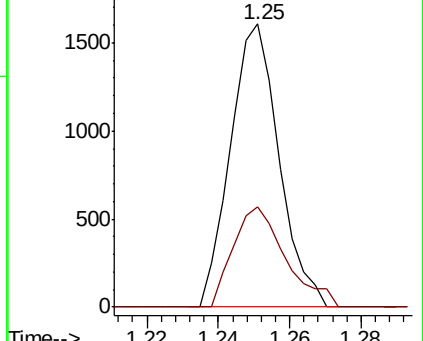
50 100

52 35.3 23.1 42.9



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#13

Acetone

Concen: 4.313 ug/L

RT: 2.24 min Scan# 357

Delta R.T. 0.03 min

Lab File: VV016417.D

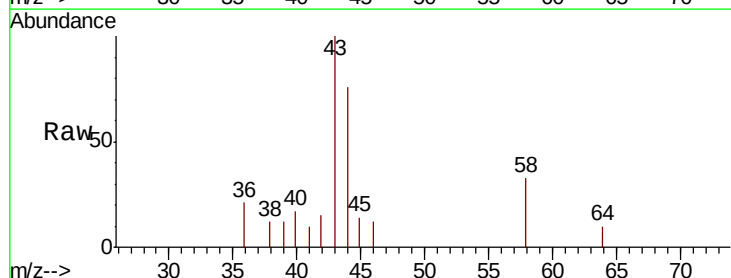
Acq: 01 Jun 2020 17:45

Tgt Ion: 43 Resp: 4608

Ion Ratio Lower Upper

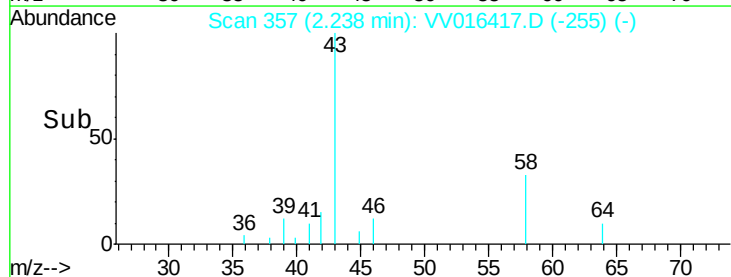
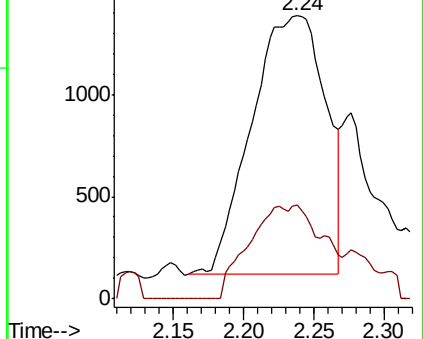
43 100

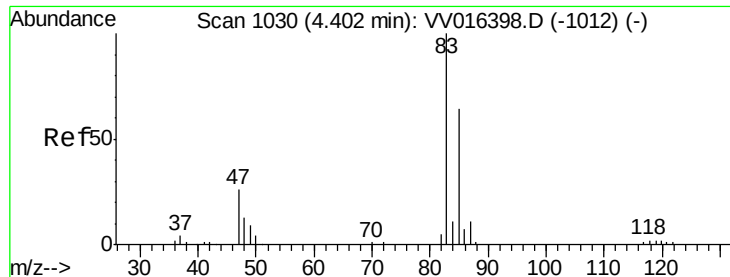
58 19.8 0.0 59.2



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

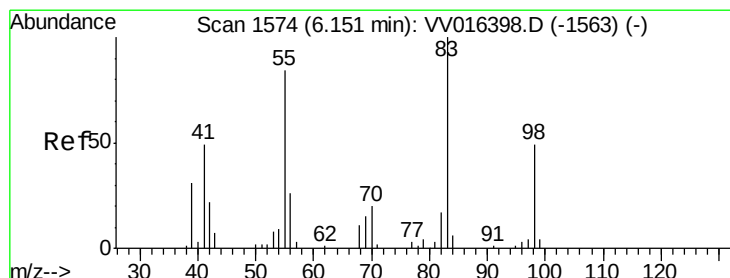
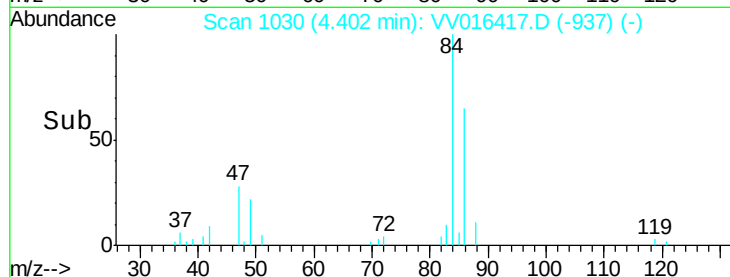
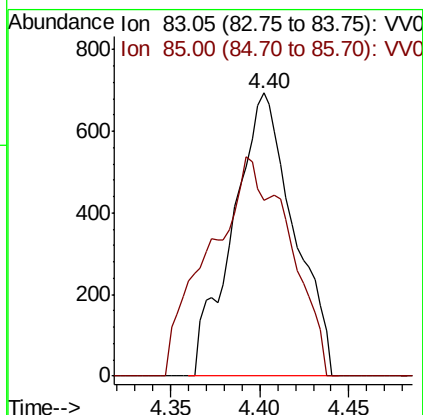
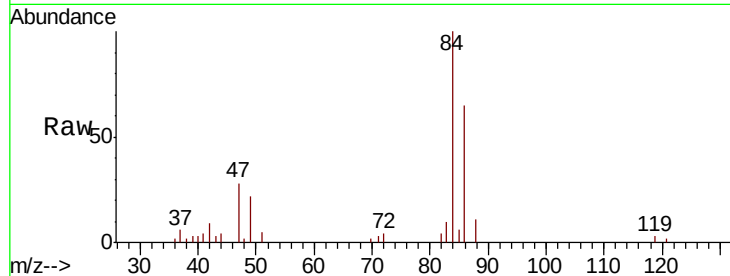




#25
Chloroform
Concen: 0.145 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VV016417.D
Acq: 01 Jun 2020 17:45

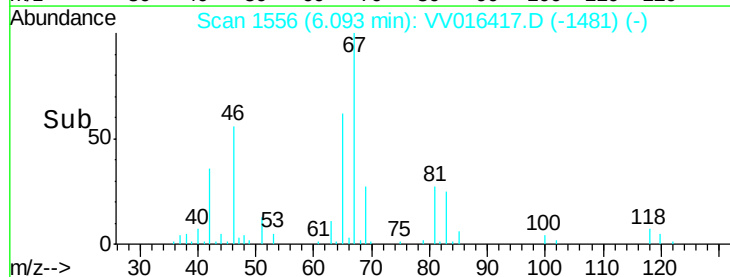
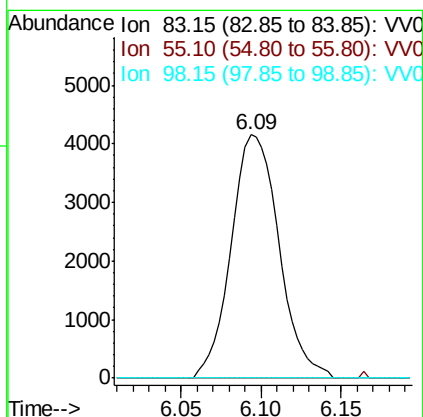
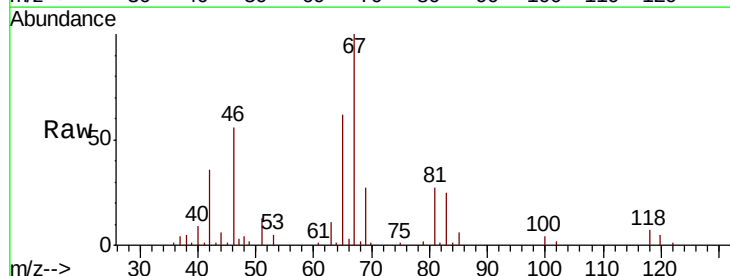
Instrument :
MSVOA_V
ClientSampleId :

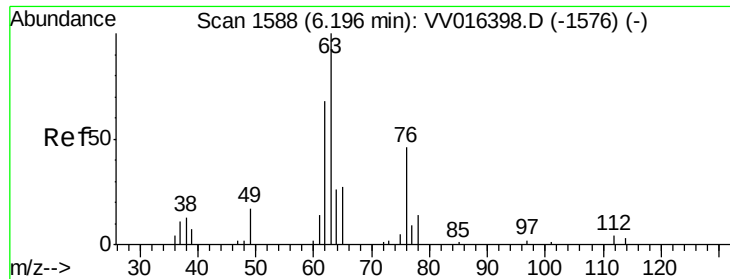
Tot Ion: 83 Resp: 1650
Ion Ratio Lower Upper
83 100
85 62.3 45.8 85.2



#35
Methylcyclohexane
Concen: 0.834 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV016417.D
Acq: 01 Jun 2020 17:45

Tgt Ion: 83 Resp: 8487
Ion Ratio Lower Upper
83 100
55 0.2 67.0 100.4#
98 0.0 39.0 58.4#

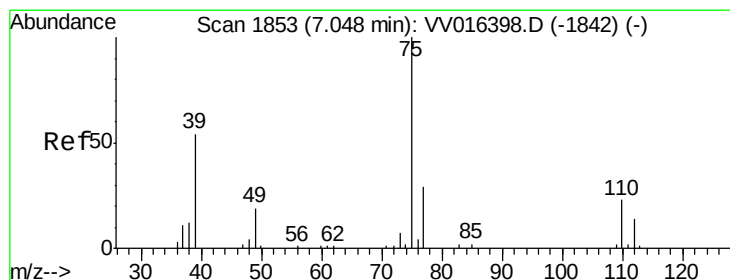
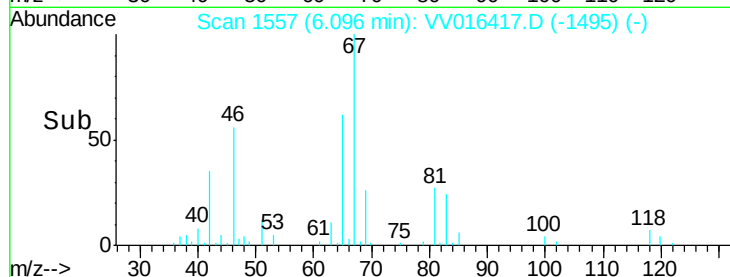
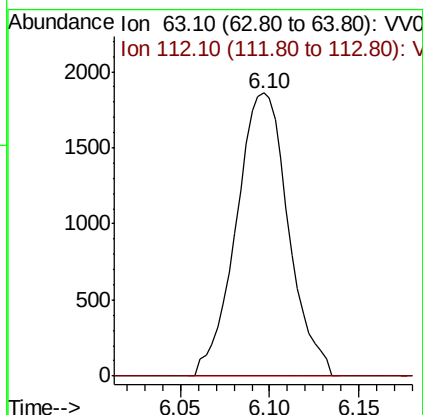
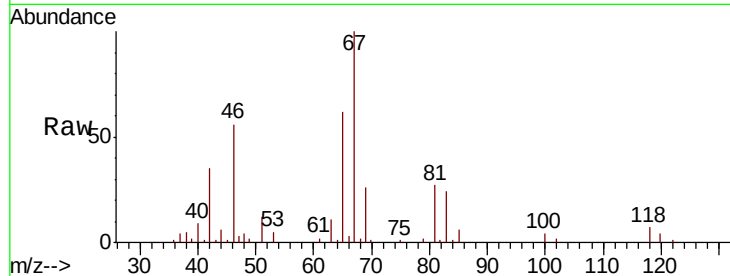




#37
 1,2-Dichloropropane
 Concen: 0.623 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV016417.D
 Acq: 01 Jun 2020 17:45

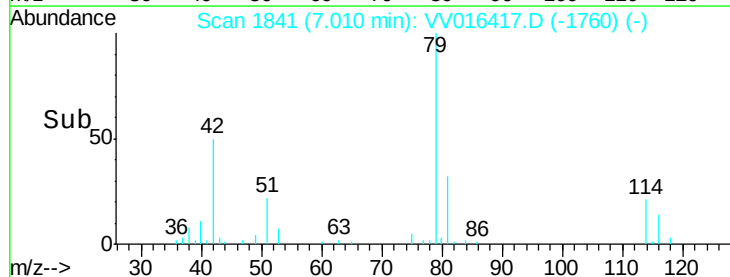
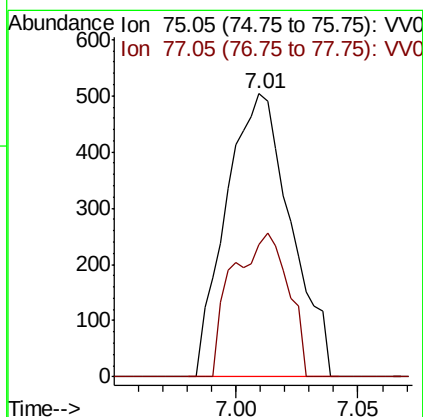
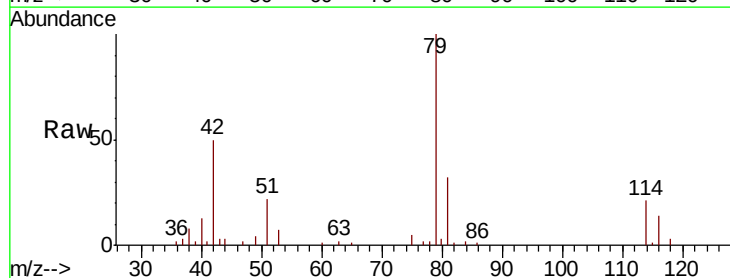
Instrument :
 MSVOA_V
 ClientSampleId :

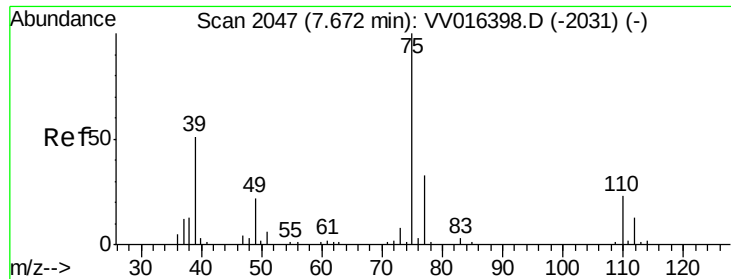
Tot Ion: 63 Resp: 3794
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.0#



#39
 cis-1,3-Dichloropropene
 Concen: 0.115 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV016417.D
 Acq: 01 Jun 2020 17:45

Tgt Ion: 75 Resp: 926
 Ion Ratio Lower Upper
 75 100
 77 46.9 22.0 41.0#

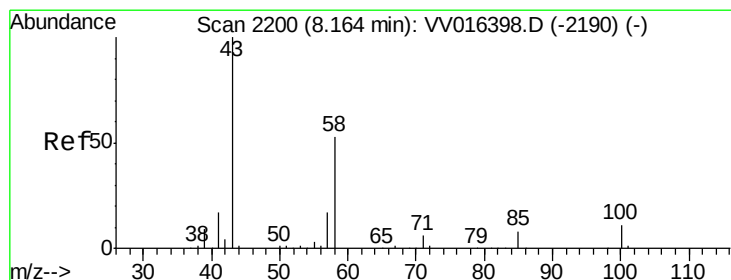
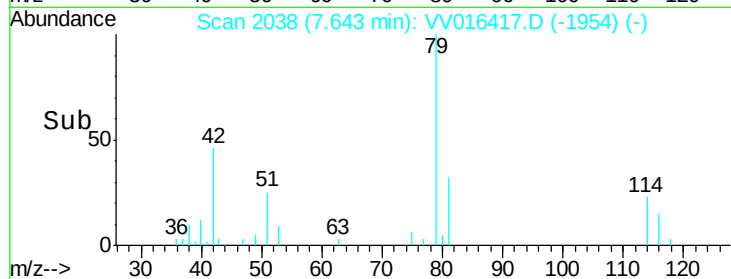
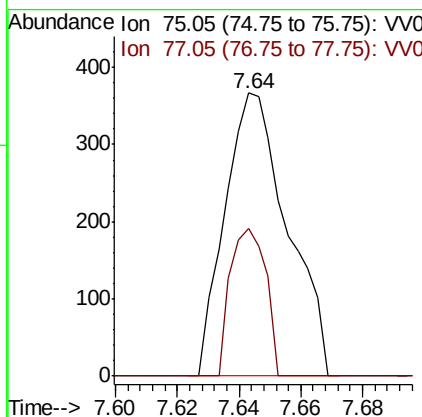
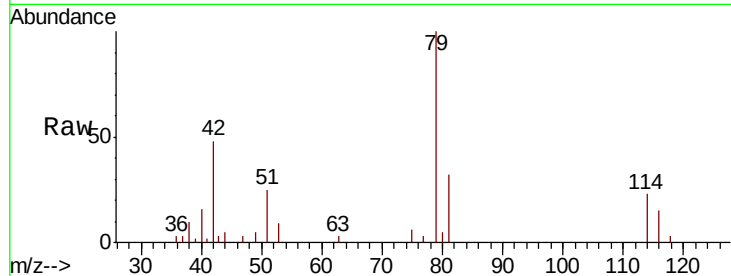




#46
trans-1,3-Dichloropropene
Concen: 0.078 ug/L
RT: 7.64 min Scan# 2038
Delta R.T. -0.03 min
Lab File: VV016417.D
Acq: 01 Jun 2020 17:45

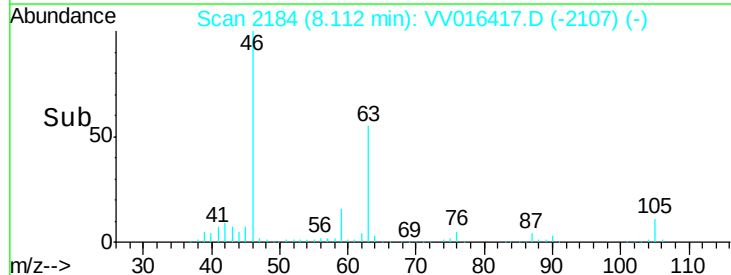
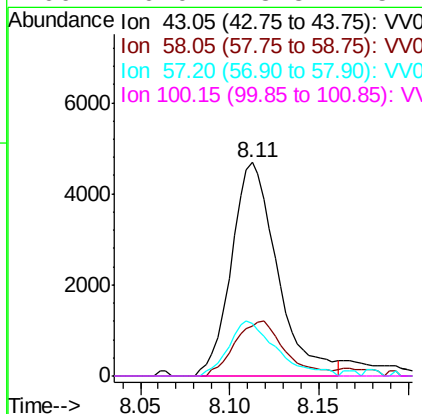
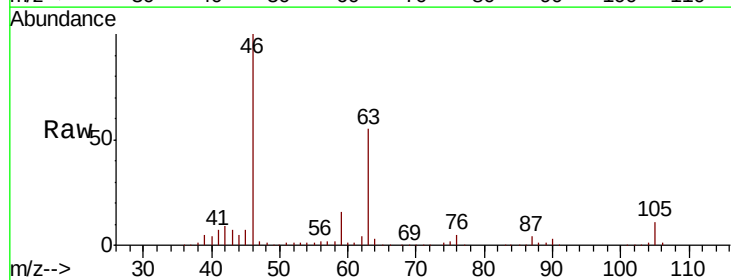
Instrument :
MSVOA_V
ClientSampleId :

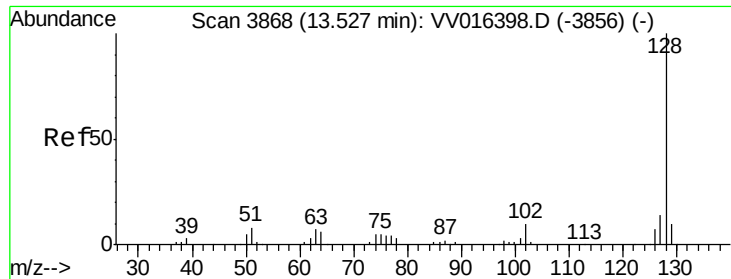
Tot Ion: 75 Resp: 516
Ion Ratio Lower Upper
75 100
77 52.3 21.1 39.3#



#50
2-Hexanone
Concen: 3.275 ug/L
RT: 8.11 min Scan# 2184
Delta R.T. -0.05 min
Lab File: VV016417.D
Acq: 01 Jun 2020 17:45

Tgt Ion: 43 Resp: 8405
Ion Ratio Lower Upper
43 100
58 27.9 41.1 61.7#
57 26.7 14.2 21.4#
100 0.0 8.8 13.2#





#70

Naphthalene

Concen: 0.115 ug/L

RT: 13.53 min Scan# 3869

Delta R.T. 0.00 min

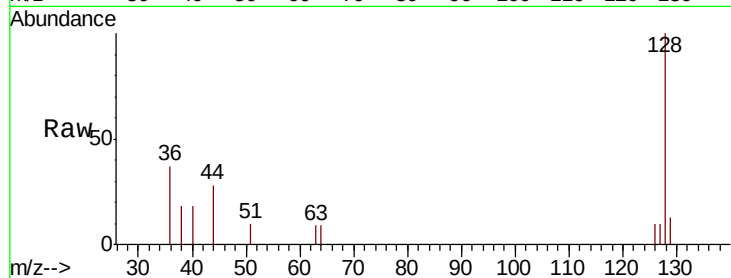
Lab File: VV016417.D

Acq: 01 Jun 2020 17:45

Instrument :

MSVOA_V

ClientSampleId :



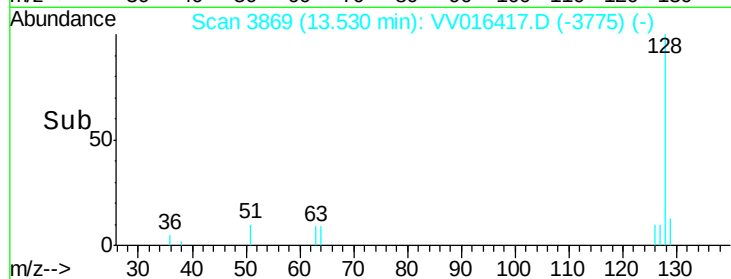
Tot Ion:128 Resp: 1865

Ion Ratio Lower Upper

128 100

129 5.7 8.6 12.8#

127 6.1 10.7 16.1#



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

