

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV053020\
 Data File : VV016362.D
 Acq On : 30 May 2020 16:13
 Operator : SY/MD
 Sample : L2737-19
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 01 05:12:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053020WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jun 01 05:08:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	83814	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	80618	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	35841	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	33754	4.60	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.00%
7) Chloroethane-d5	1.58	69	26185	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.80%
11) 1,1-Dichloroethene-d2	2.13	63	45512	3.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.00%
20) 2-Butanone-d5	3.93	46	74286	46.92	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.84%
24) Chloroform-d	4.38	84	56258	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
26) 1,2-Dichloroethane-d4	5.06	65	30557	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.60%
32) Benzene-d6	5.08	84	110397	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
36) 1,2-Dichloropropane-d6	6.10	67	33012	4.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.40%
41) Toluene-d8	7.34	98	94851	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
45) trans-1,3-Dichloropropene-	7.65	79	11092	4.35	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.00%
48) 2-Hexanone-d5	8.11	63	57439	48.39	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.78%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	23431	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.80%
65) 1,2-Dichlorobenzene-d4	11.65	152	32386	4.87	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.40%

Target Compounds

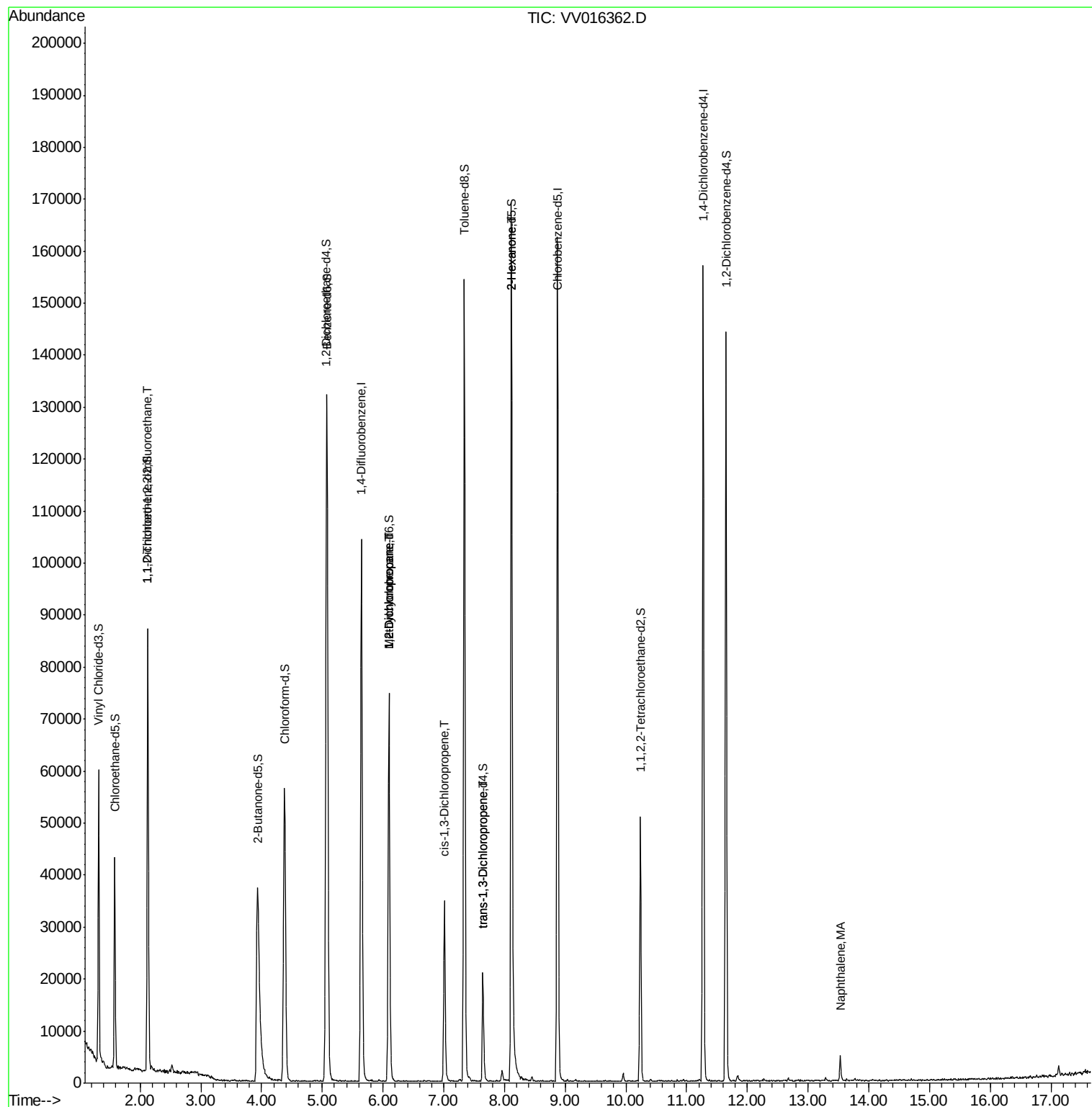
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	511	0.090 ug/L #	21
35) Methylcyclohexane	6.10	83	8059	0.799 ug/L #	15
37) 1,2-Dichloropropane	6.10	63	4068	0.674 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	876	0.110 ug/L #	65
46) trans-1,3-Dichloropropene	7.64	75	547	0.083 ug/L	91
50) 2-Hexanone	8.11	43	7657	3.012 ug/L #	73
70) Naphthalene	13.53	128	3767	0.230 ug/L	98

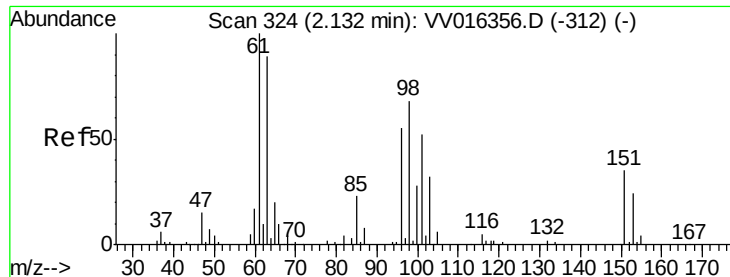
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.090 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV016362.D

Acq: 30 May 2020 16:13

Instrument :

MSVOA_V

ClientSampled :

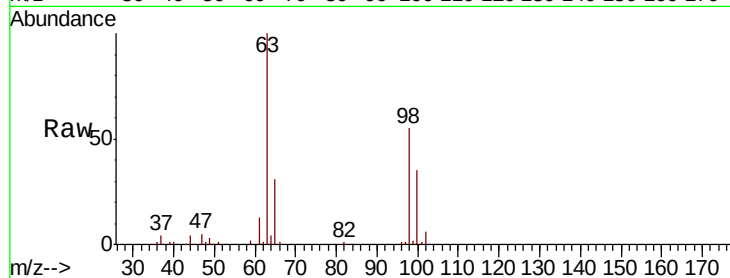
Tot Ion:101 Resp: 511

Ion Ratio Lower Upper

101 100

85 0.0 35.7 53.5#

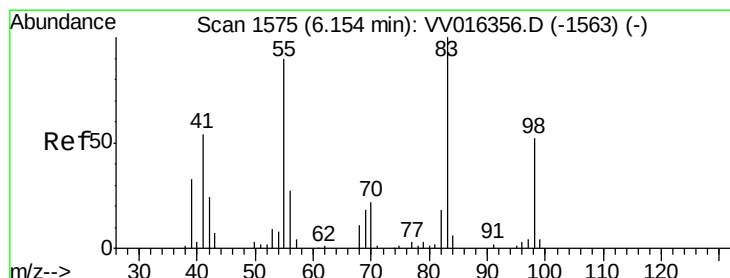
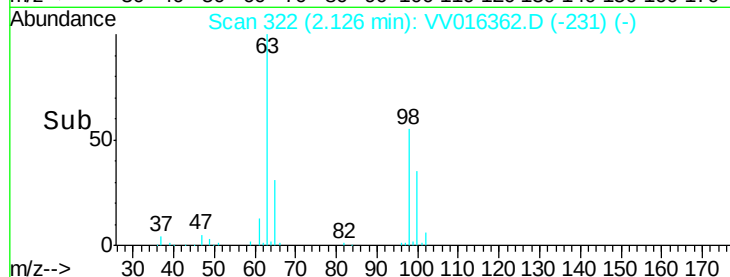
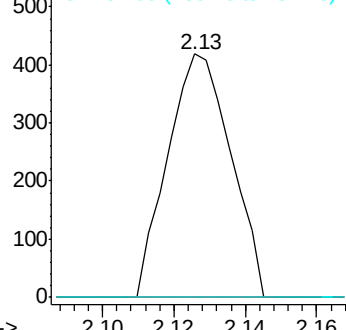
151 0.0 57.2 85.8#



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



#35

Methylcyclohexane

Concen: 0.799 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.06 min

Lab File: VV016362.D

Acq: 30 May 2020 16:13

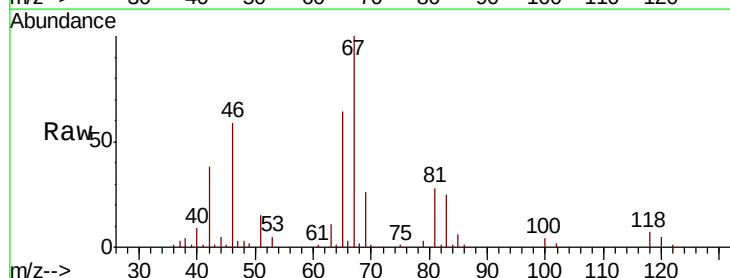
Tgt Ion: 83 Resp: 8059

Ion Ratio Lower Upper

83 100

55 0.0 67.0 100.4#

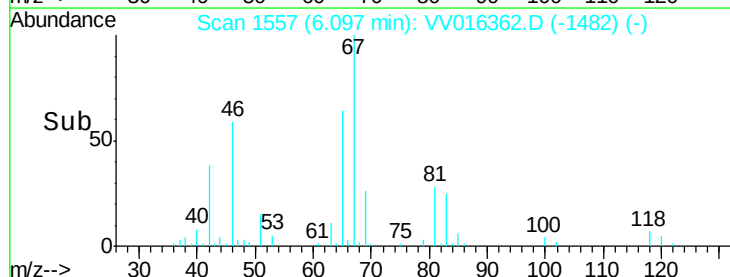
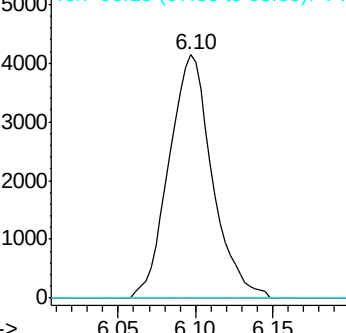
98 0.0 39.0 58.4#

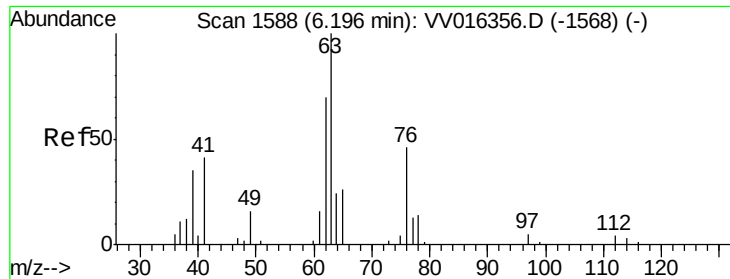


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

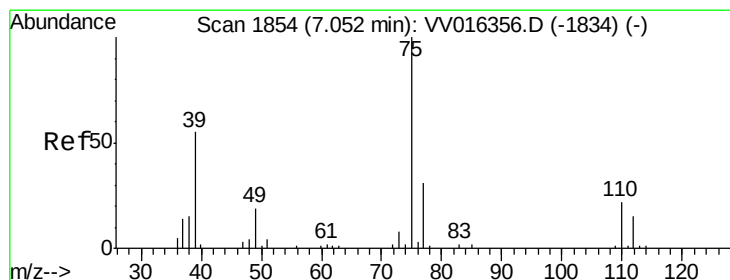
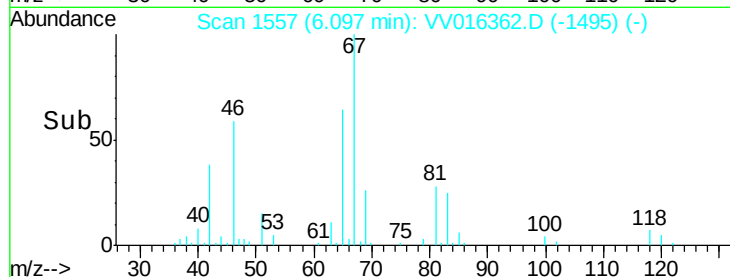
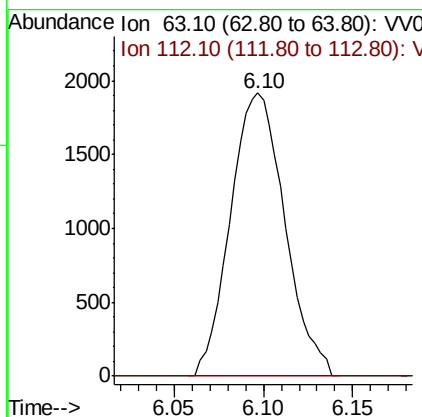
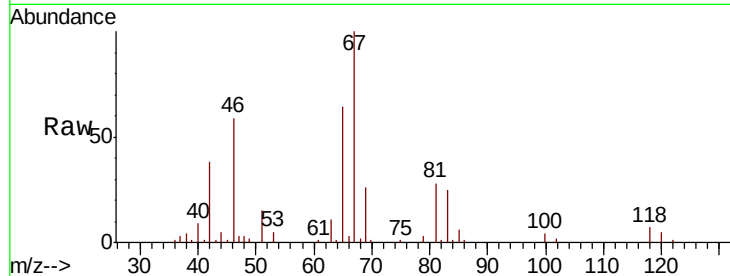




#37
 1,2-Dichloropropane
 Concen: 0.674 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV016362.D
 Acq: 30 May 2020 16:13

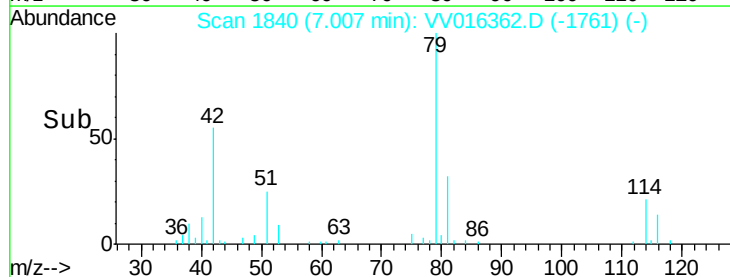
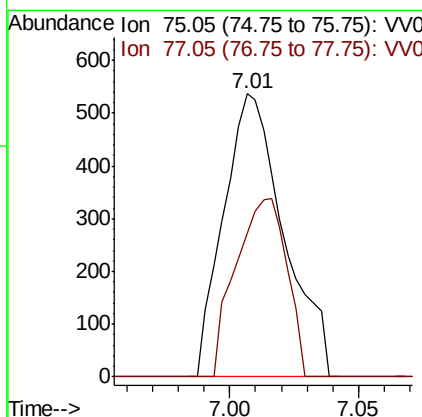
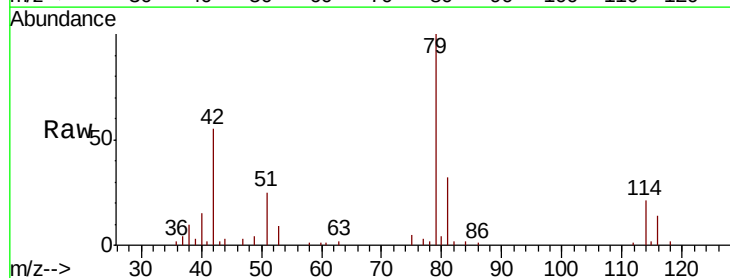
Instrument :
 MSVOA_V
 ClientSampleId :

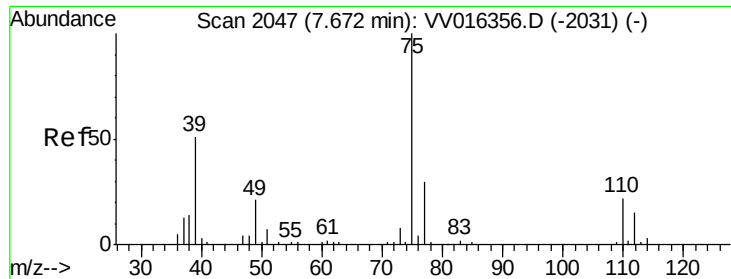
Tot Ion: 63 Resp: 4068
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.0#



#39
 cis-1,3-Dichloropropene
 Concen: 0.110 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV016362.D
 Acq: 30 May 2020 16:13

Tgt Ion: 75 Resp: 876
 Ion Ratio Lower Upper
 75 100
 77 50.7 22.0 41.0#

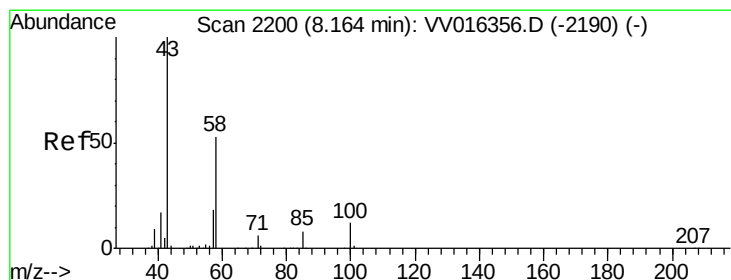
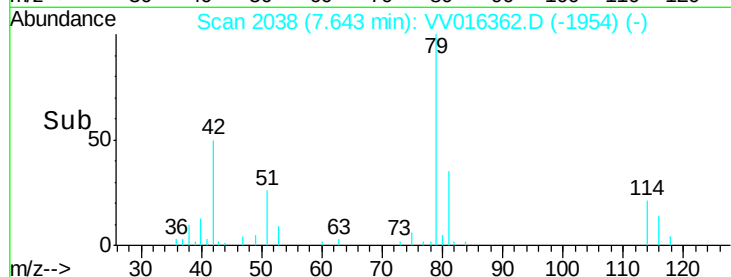
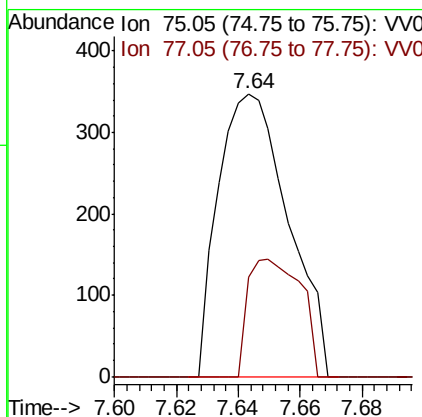
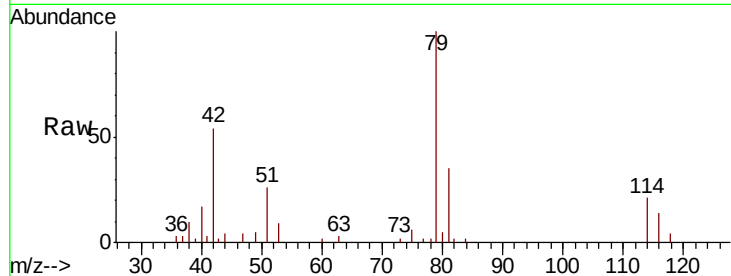




#46
trans-1,3-Dichloropropene
Concen: 0.083 ug/L
RT: 7.64 min Scan# 2038
Delta R.T. -0.03 min
Lab File: VV016362.D
Acq: 30 May 2020 16:13

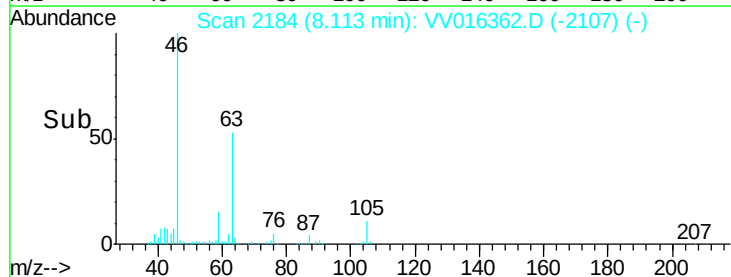
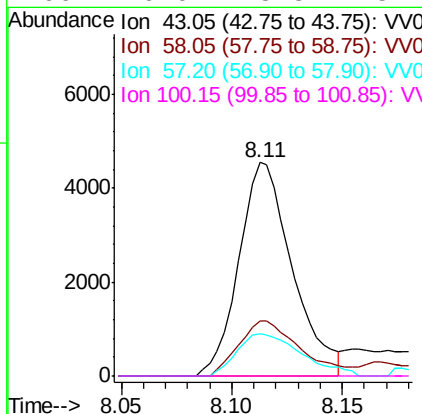
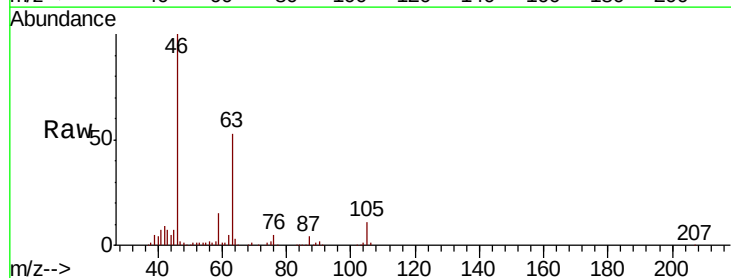
Instrument :
MSVOA_V
ClientSampleId :

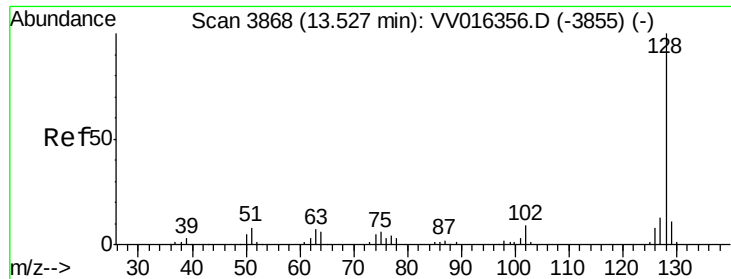
Tot Ion: 75 Resp: 547
Ion Ratio Lower Upper
75 100
77 35.3 21.1 39.3



#50
2-Hexanone
Concen: 3.012 ug/L
RT: 8.11 min Scan# 2184
Delta R.T. -0.05 min
Lab File: VV016362.D
Acq: 30 May 2020 16:13

Tgt Ion: 43 Resp: 7657
Ion Ratio Lower Upper
43 100
58 29.6 41.1 61.7#
57 24.0 14.2 21.4#
100 0.0 8.8 13.2#





#70

Naphthalene

Concen: 0.230 ug/L

RT: 13.53 min Scan# 3869

Delta R.T. 0.00 min

Lab File: VV016362.D

Acq: 30 May 2020 16:13

Instrument :

MSVOA_V

ClientSampleId :

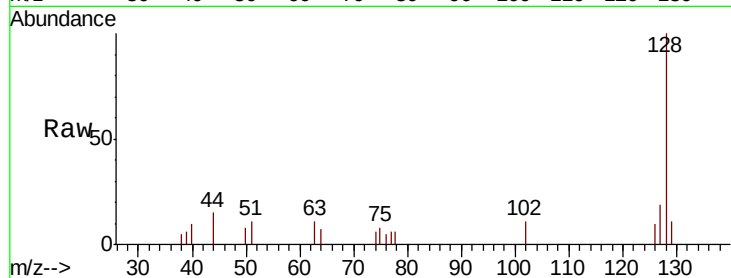
Tot Ion:128 Resp: 3767

Ion Ratio Lower Upper

128 100

129 8.9 8.6 12.8

127 13.5 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

