

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072420\
 Data File : VV017664.D
 Acq On : 24 Jul 2020 23:00
 Operator : SY/MD
 Sample : L3443-02
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 25 00:13:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jul 25 00:05:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	154467	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	151419	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	73082	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	33105	4.49	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.80%
7) Chloroethane-d5	1.58	69	27717	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.20%
11) 1,1-Dichloroethene-d2	2.12	63	57895	3.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.00%
20) 2-Butanone-d5	3.94	46	67806	38.43	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	76.86%
24) Chloroform-d	4.38	84	86295	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
26) 1,2-Dichloroethane-d4	5.06	65	47162	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.40%
32) Benzene-d6	5.07	84	152036	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
36) 1,2-Dichloropropane-d6	6.10	67	39985	4.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.20%
41) Toluene-d8	7.34	98	137767	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.00%
45) trans-1,3-Dichloropropene-	7.65	79	16286	3.87	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.40%
48) 2-Hexanone-d5	8.11	63	48564	37.27	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	74.54%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	28699	4.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	56392	5.10	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.00%

Target Compounds

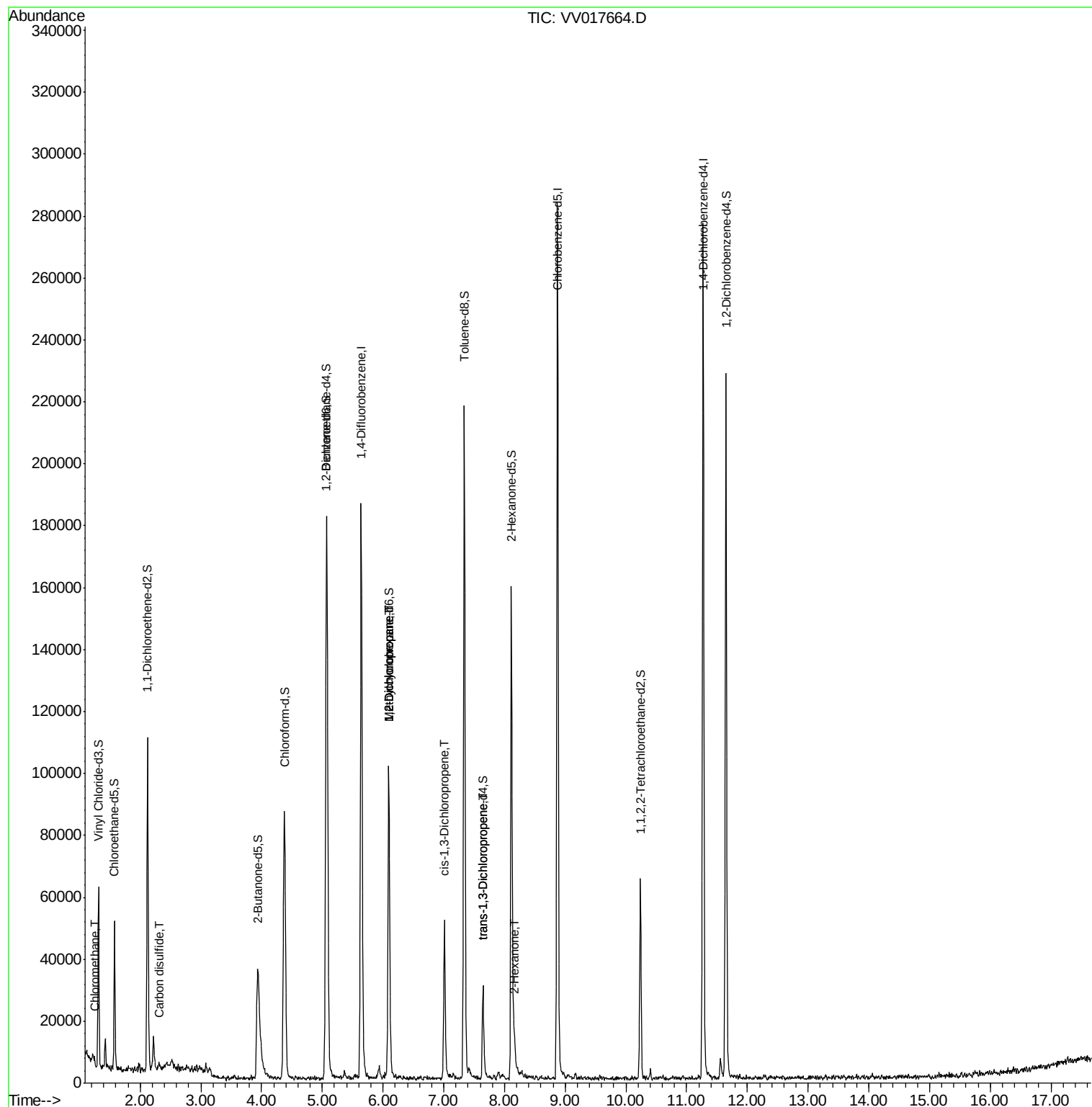
					Ovalue
3) Chloromethane	1.25	50	1285	0.117 ug/L	93
14) Carbon disulfide	2.31	76	1814	0.072 ug/L #	75
35) Methylcyclohexane	6.09	83	11780	0.650 ug/L #	19
37) 1,2-Dichloropropane	6.09	63	5567	0.553 ug/L #	86
39) cis-1,3-Dichloropropene	7.01	75	1613	0.106 ug/L	94
46) trans-1,3-Dichloropropene	7.65	75	1000	0.073 ug/L	99
50) 2-Hexanone	8.17	43	4372	1.119 ug/L #	79

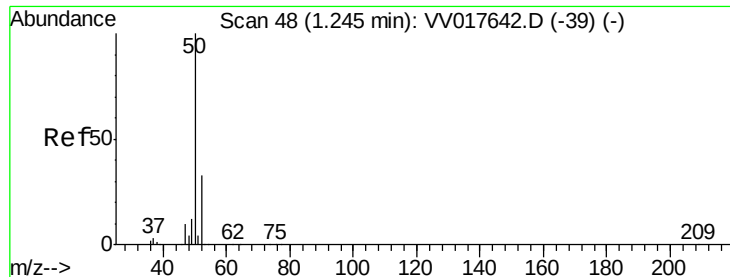
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.117 ug/L

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

Lab File: VV017664.D

Acq: 24 Jul 2020 23:00

Instrument :

MSVOA_V

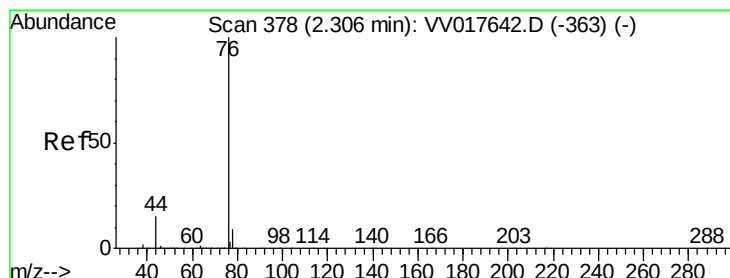
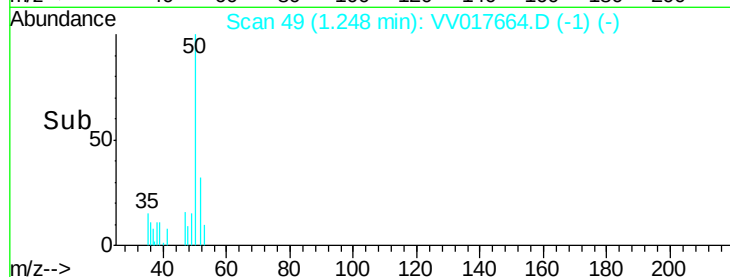
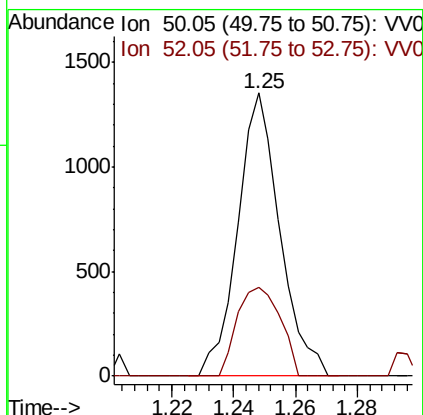
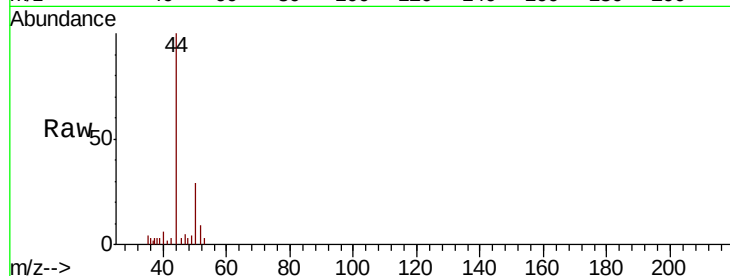
ClientSampled :

Tot Ion: 50 Resp: 1285

Ion Ratio Lower Upper

50 100

52 31.5 25.1 46.5



#14

Carbon disulfide

Concen: 0.072 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

Lab File: VV017664.D

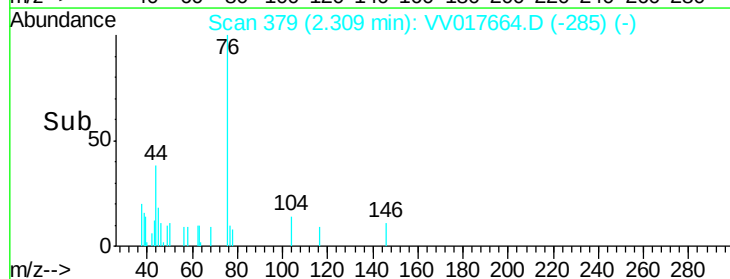
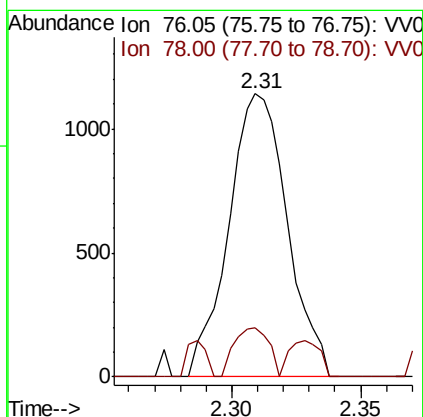
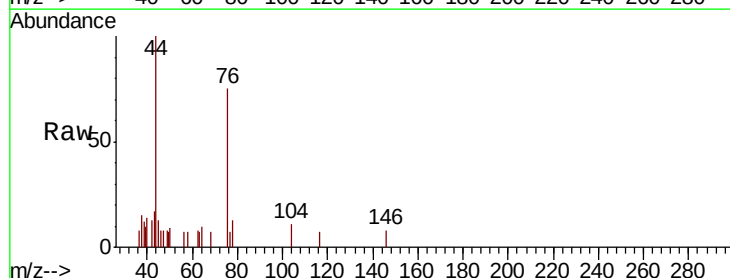
Acq: 24 Jul 2020 23:00

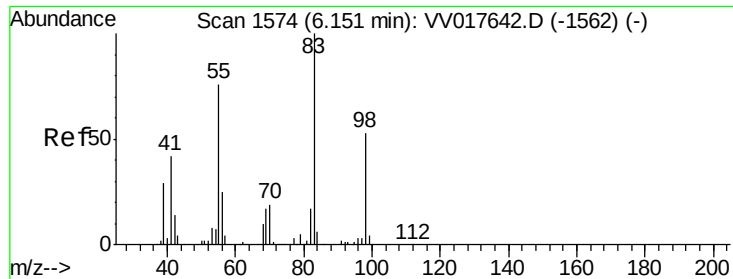
Tgt Ion: 76 Resp: 1814

Ion Ratio Lower Upper

76 100

78 17.2 6.6 10.0#

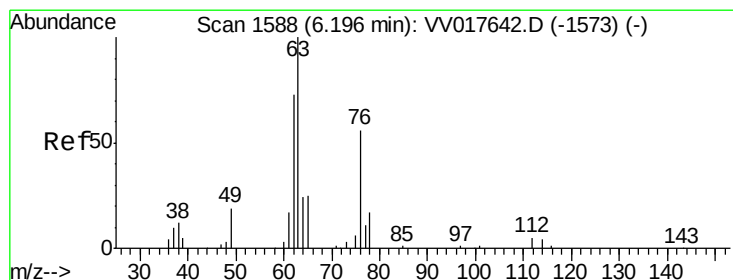
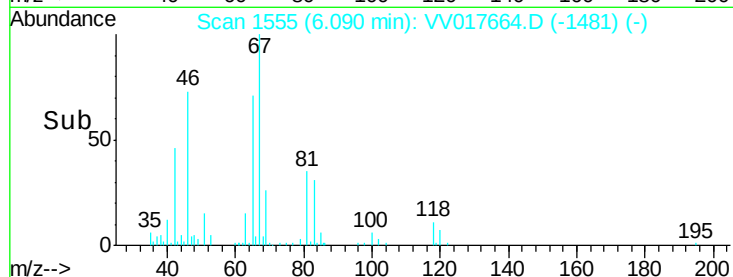
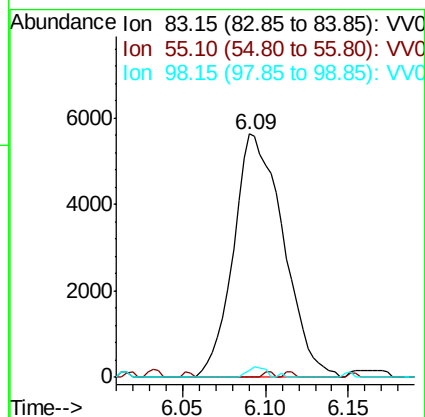
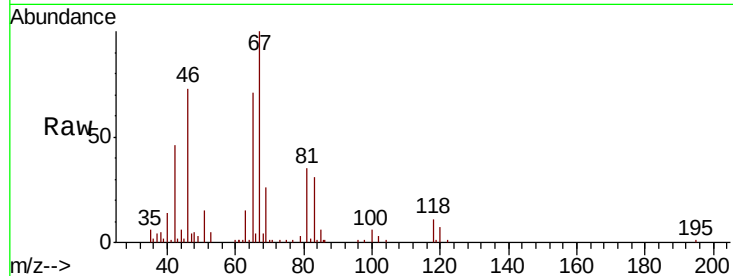




#35
Methylvlcyclohexane
Concen: 0.650 ug/L
RT: 6.09 min Scan# 1555
Delta R.T. -0.06 min
Lab File: VV017664.D
Acq: 24 Jul 2020 23:00

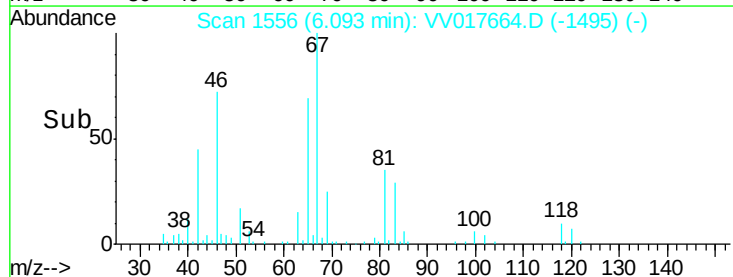
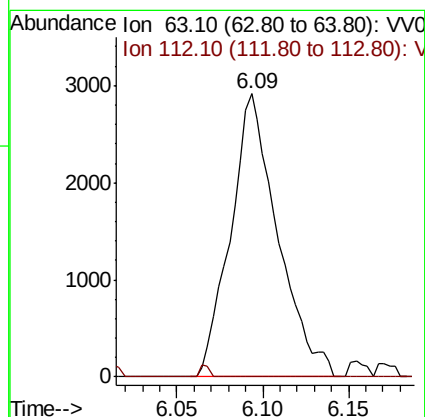
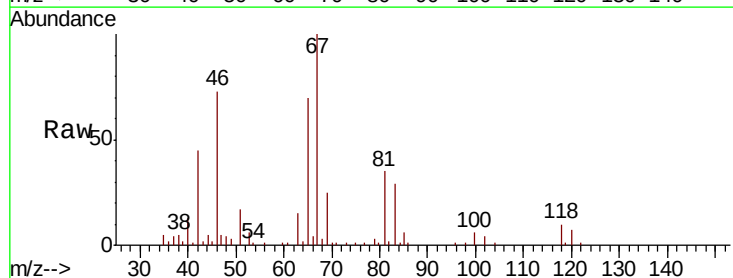
Instrument :
MSVOA_V
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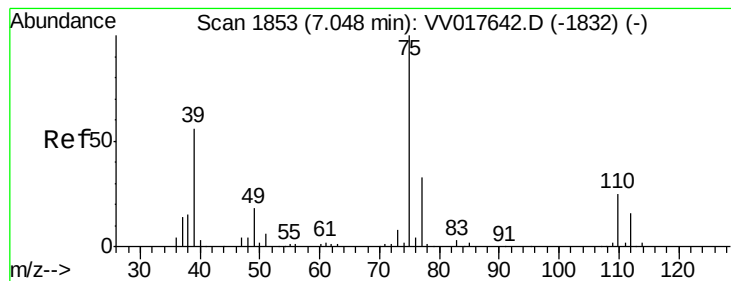
Tot Ion: 83 Resp: 11780
Ion Ratio Lower Upper
83 100
55 0.4 61.8 92.8#
98 1.5 39.0 58.6#



#37
1,2-Dichloropropane
Concen: 0.553 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV017664.D
Acq: 24 Jul 2020 23:00

Tgt Ion: 63 Resp: 5567
Ion Ratio Lower Upper
63 100
112 0.8 4.5 6.7#



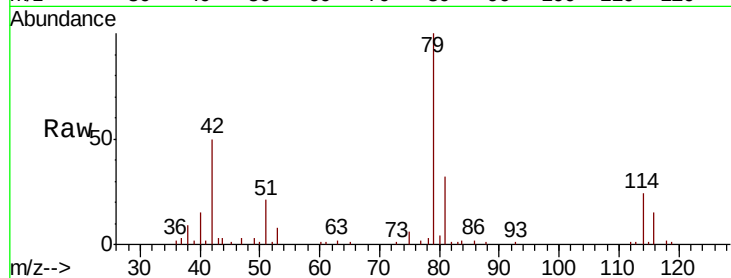


#39

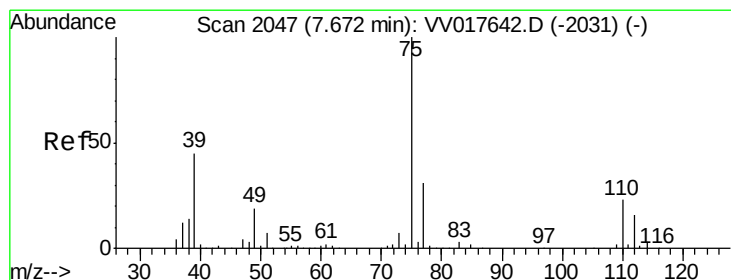
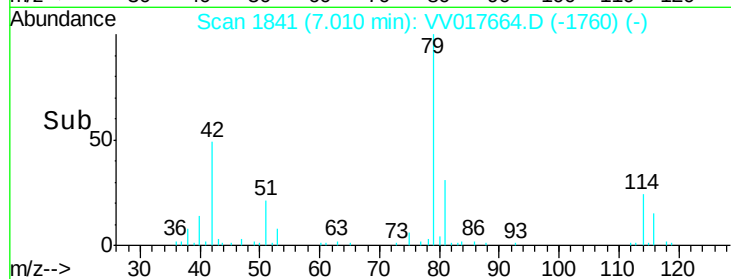
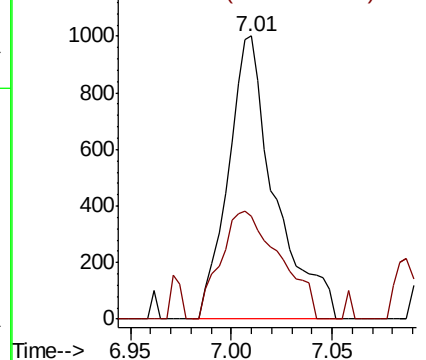
cis-1,3-Dichloropropene
 Concen: 0.106 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV017664.D
 Acq: 24 Jul 2020 23:00

Instrument :
 MSVOA_V
 ClientSampled :

Tot Ion: 75 Resp: 1613
 Ion Ratio Lower Upper
 75 100
 77 36.4 23.2 43.2



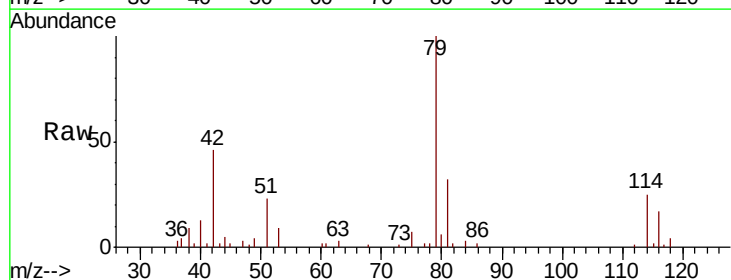
Abundance Ion 75.05 (74.75 to 75.75): VV0
 Ion 77.05 (76.75 to 77.75): VV0



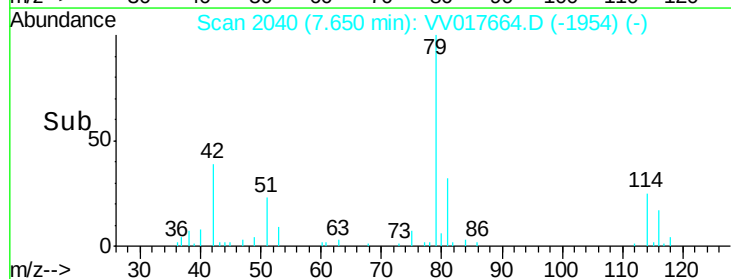
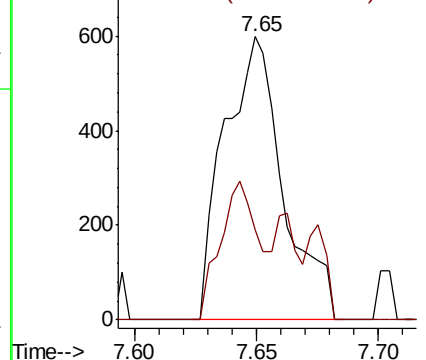
#46

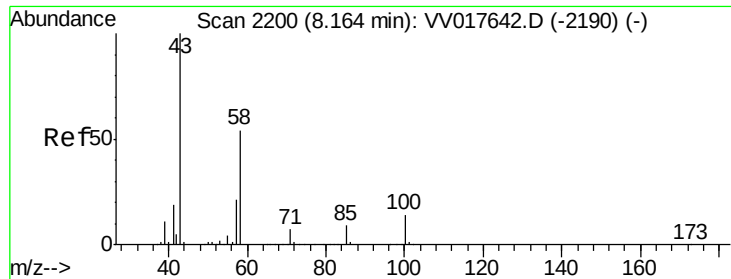
trans-1,3-Dichloropropene
 Concen: 0.073 ug/L
 RT: 7.65 min Scan# 2040
 Delta R.T. -0.02 min
 Lab File: VV017664.D
 Acq: 24 Jul 2020 23:00

Tgt Ion: 75 Resp: 1000
 Ion Ratio Lower Upper
 75 100
 77 31.8 22.5 41.7



Abundance Ion 75.05 (74.75 to 75.75): VV0
 Ion 77.05 (76.75 to 77.75): VV0





#50

2-Hexanone

Concen: 1.119 ug/L

RT: 8.17 min Scan# 2203

Delta R.T. 0.01 min

Lab File: VV017664.D

Acq: 24 Jul 2020 23:00

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 4372

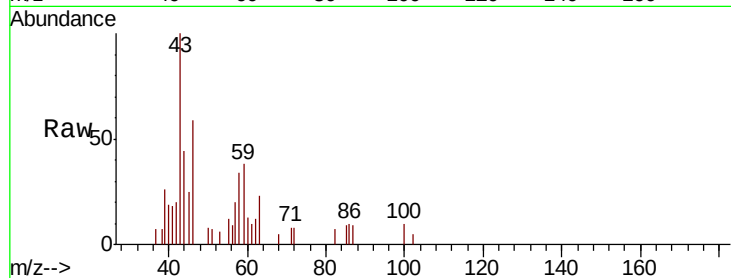
Ion Ratio Lower Upper

43 100

58 29.5 41.6 62.4#

57 19.3 15.4 23.0

100 11.7 11.2 16.8



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0

