

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052820\
 Data File : VV016276.D
 Acq On : 28 May 2020 14:57
 Operator : SY/MD
 Sample : L2756-01
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 29 01:15:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 29 01:10:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	99061	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	97254	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	44236	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	22506	3.54	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.80%
7) Chloroethane-d5	1.58	69	21833	3.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.20%
11) 1,1-Dichloroethene-d2	2.13	63	33437	2.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.00%#
20) 2-Butanone-d5	3.95	46	76208	48.29	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.58%
24) Chloroform-d	4.38	84	50777	4.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.20%
26) 1,2-Dichloroethane-d4	5.06	65	28646	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.40%
32) Benzene-d6	5.08	84	102221	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.80%
36) 1,2-Dichloropropane-d6	6.10	67	32194	4.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.40%
41) Toluene-d8	7.34	98	90640	3.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.00%
45) trans-1,3-Dichloropropene-	7.65	79	10452	3.76	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.20%
48) 2-Hexanone-d5	8.12	63	53881	42.29	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.58%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	23393	4.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	32457	4.39	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.80%

Target Compounds

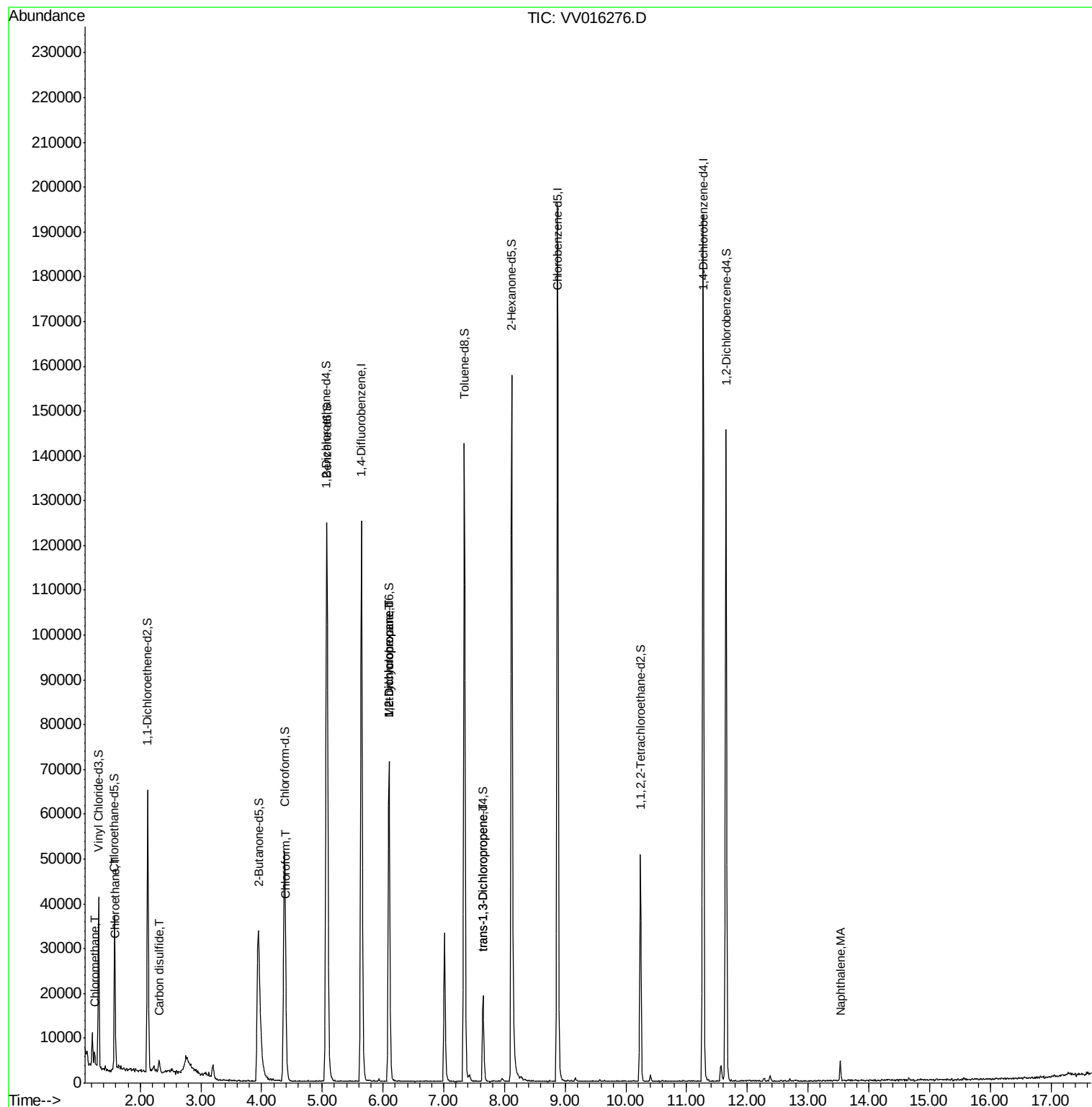
					Ovalue
3) Chloromethane	1.25	50	1531	0.161 ug/L	95
8) Chloroethane	1.60	64	5141	1.061 ug/L #	42
14) Carbon disulfide	2.31	76	3173	0.175 ug/L #	88
25) Chloroform	4.41	83	1946	0.151 ug/L	93
35) Methylcyclohexane	6.10	83	7818	0.636 ug/L #	16
37) 1,2-Dichloropropane	6.10	63	3760	0.548 ug/L #	88
46) trans-1,3-Dichloropropene	7.65	75	477	0.059 ug/L #	44
70) Naphthalene	13.53	128	3564	0.194 ug/L	98

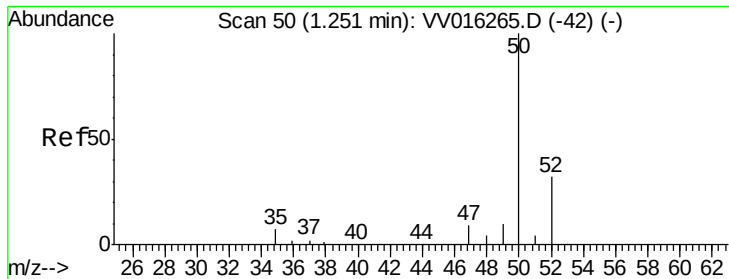
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 29 01:10:53 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.161 ug/L

RT: 1.25 min Scan# 50

Delta R.T. -0.00 min

Lab File: VV016276.D

Acq: 28 May 2020 14:57

Instrument :

MSVOA_V

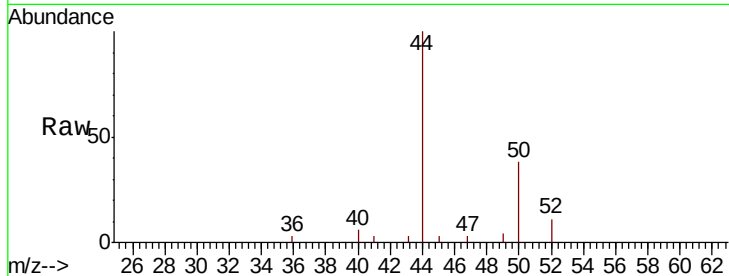
ClientSampled :

Tot Ion: 50 Resp: 1531

Ion Ratio Lower Upper

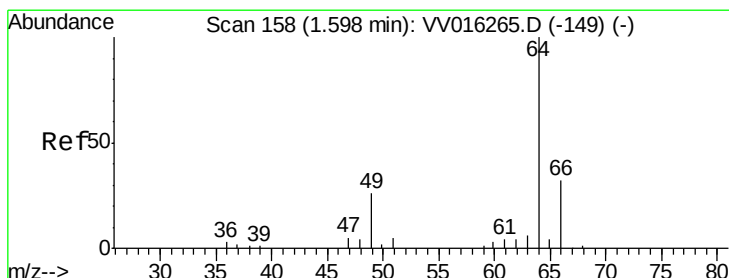
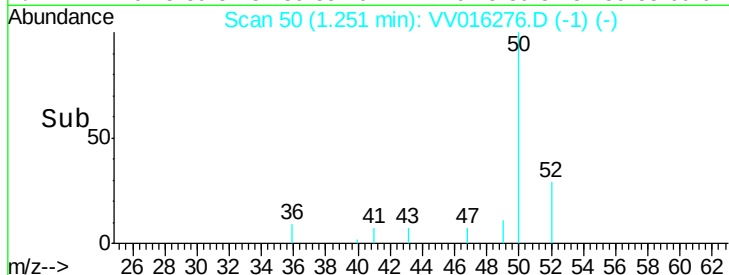
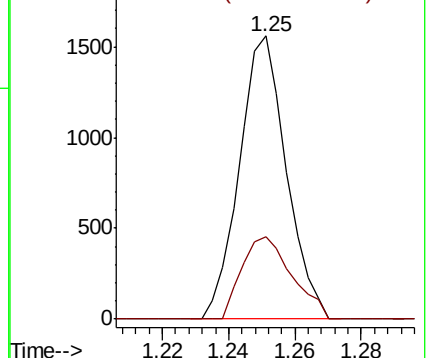
50 100

52 29.3 22.5 41.9



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#8

Chloroethane

Concen: 1.061 ug/L

RT: 1.60 min Scan# 158

Delta R.T. -0.00 min

Lab File: VV016276.D

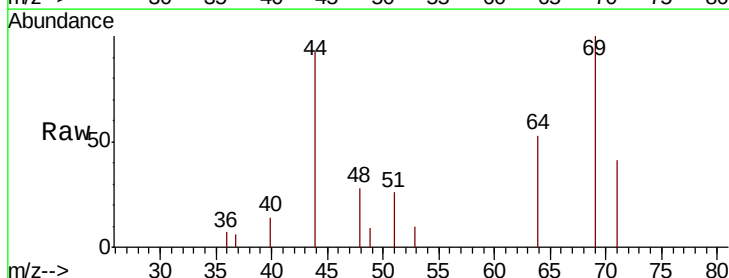
Acq: 28 May 2020 14:57

Tgt Ion: 64 Resp: 5141

Ion Ratio Lower Upper

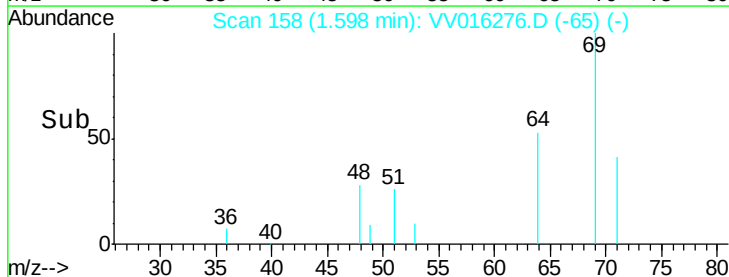
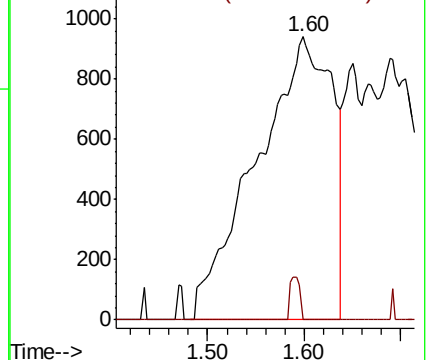
64 100

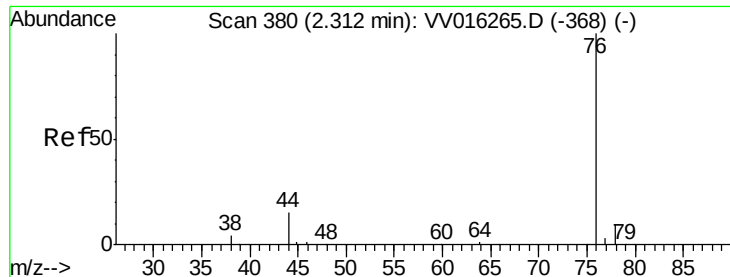
66 0.0 22.9 42.5#



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0





#14

Carbon disulfide

Concen: 0.175 ug/L

RT: 2.31 min Scan# 380

Delta R.T. -0.00 min

Lab File: VV016276.D

Acq: 28 May 2020 14:57

Instrument :

MSVOA_V

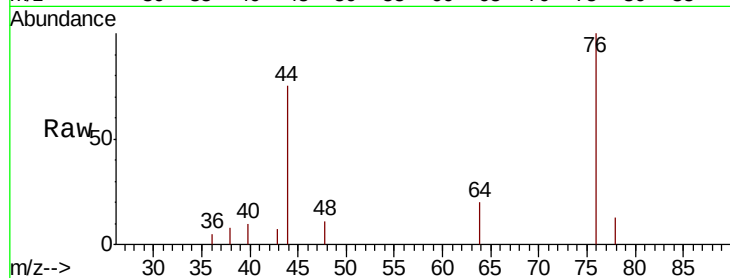
ClientSampleId :

Tot Ion: 76 Resp: 3173

Ion Ratio Lower Upper

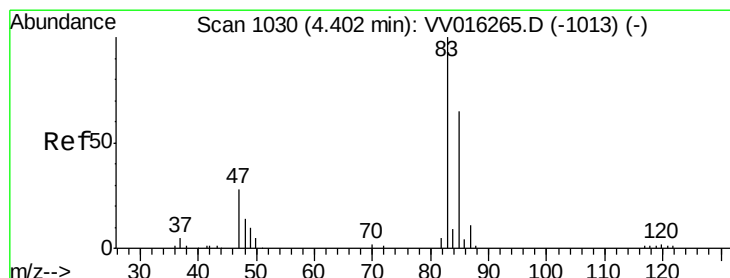
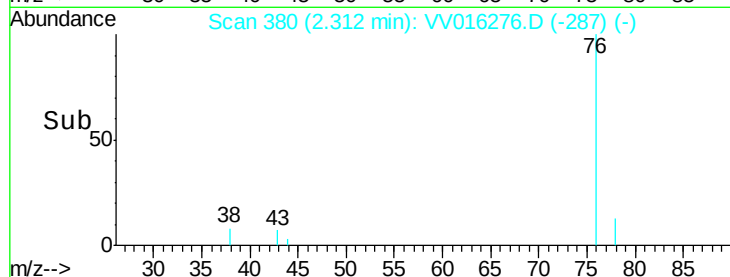
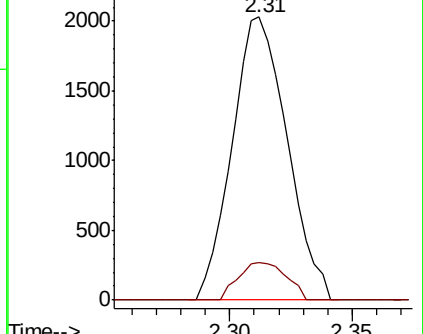
76 100

78 13.4 7.4 11.0#



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0



#25

Chloroform

Concen: 0.151 ug/L

RT: 4.41 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VV016276.D

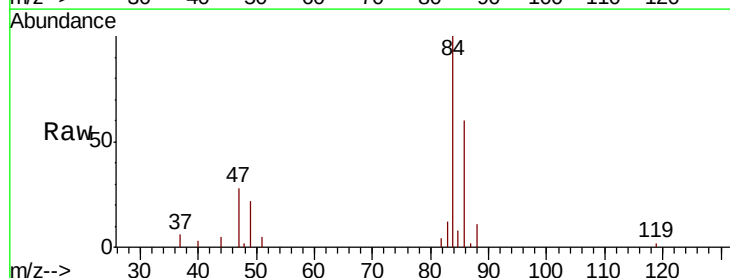
Acq: 28 May 2020 14:57

Tgt Ion: 83 Resp: 1946

Ion Ratio Lower Upper

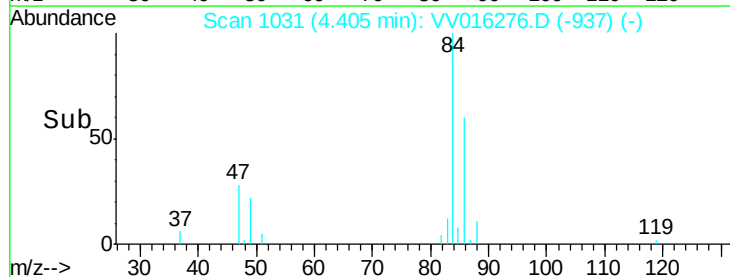
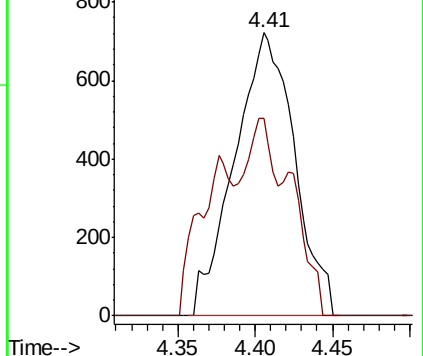
83 100

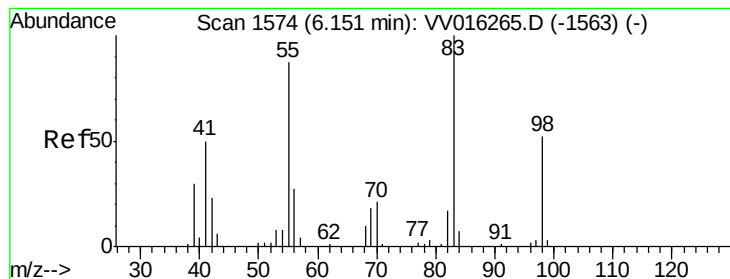
85 69.9 45.1 83.7



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0





#35

Methylvlcyclohexane

Concen: 0.636 ug/L

RT: 6.10 min Scan# 1558

Delta R.T. -0.05 min

Lab File: VV016276.D

Acq: 28 May 2020 14:57

Instrument :

MSVOA_V

ClientSampled :

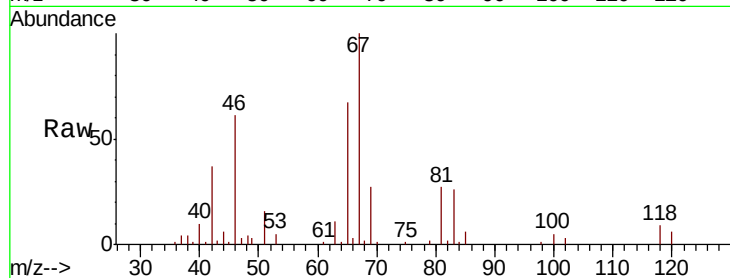
Tot Ion: 83 Resp: 7818

Ion Ratio Lower Upper

83 100

55 0.0 65.4 98.0#

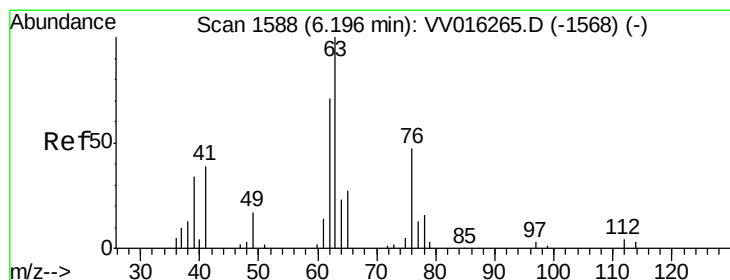
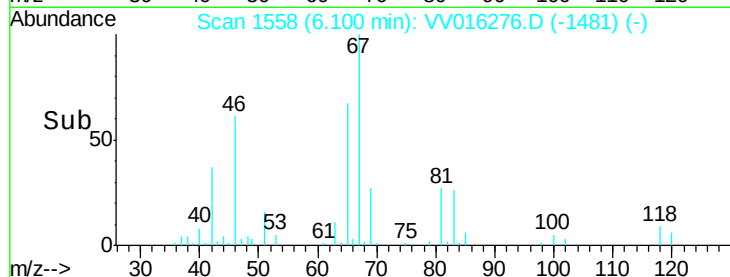
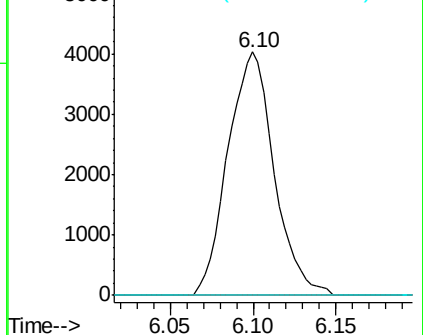
98 0.6 39.3 58.9#



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: 0.548 ug/L

RT: 6.10 min Scan# 1558

Delta R.T. -0.10 min

Lab File: VV016276.D

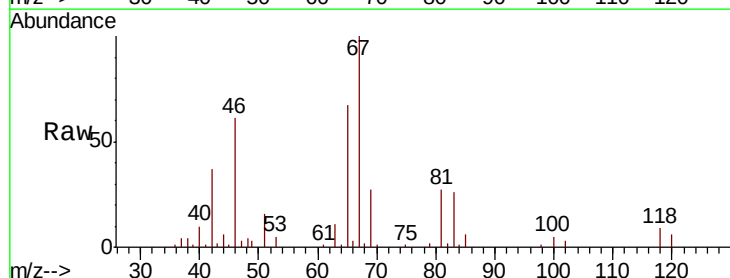
Acq: 28 May 2020 14:57

Tgt Ion: 63 Resp: 3760

Ion Ratio Lower Upper

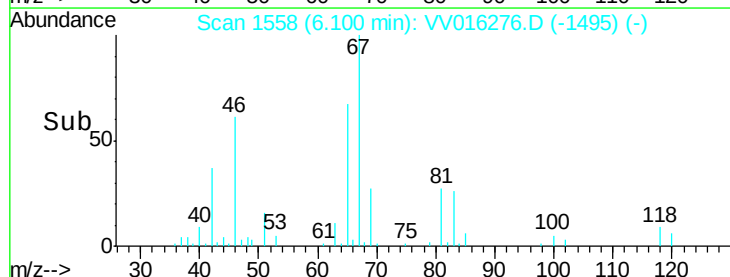
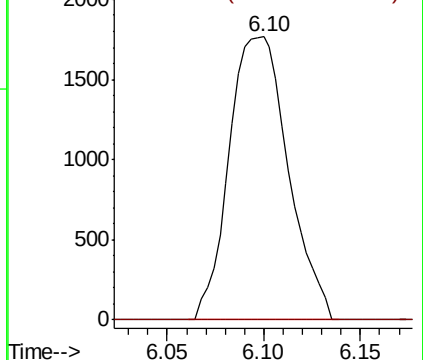
63 100

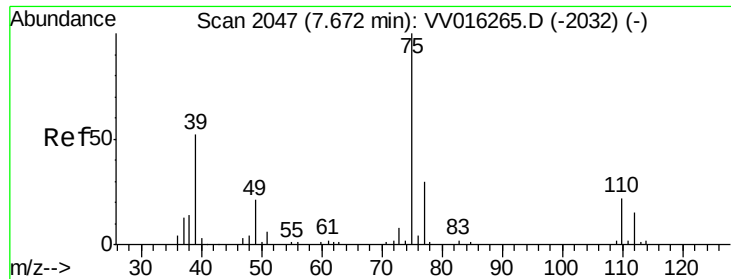
112 0.0 3.1 4.7#



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 112.10 (111.80 to 112.80): V

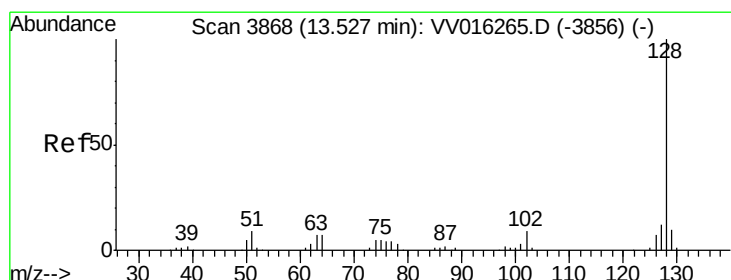
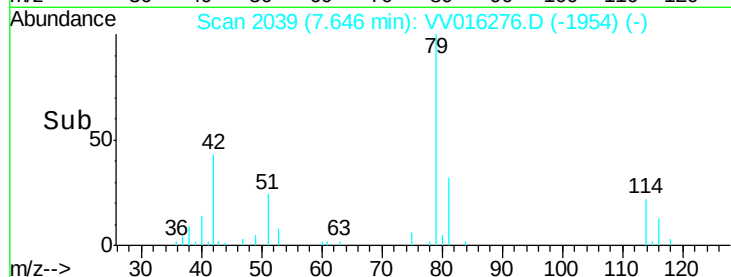
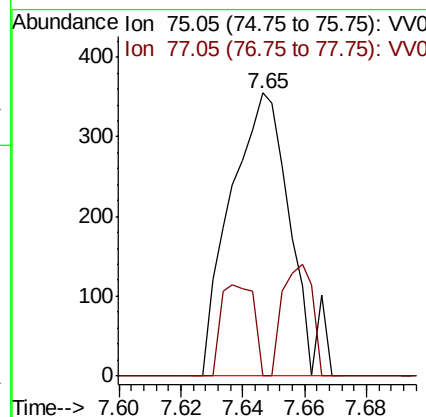
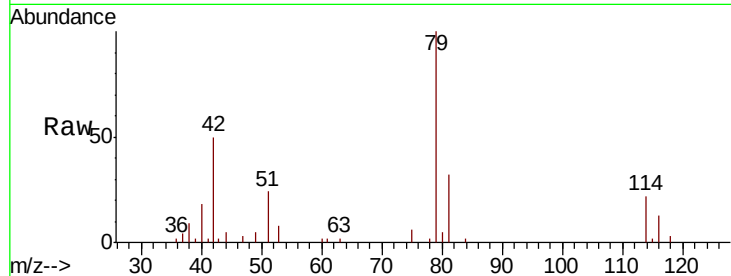




#46
trans-1,3-Dichloropropene
Concen: 0.059 ug/L
RT: 7.65 min Scan# 2039
Delta R.T. -0.03 min
Lab File: VV016276.D
Acq: 28 May 2020 14:57

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 75 Resp: 477
Ion Ratio Lower Upper
75 100
77 0.0 21.7 40.3#



#70
Naphthalene
Concen: 0.194 ug/L
RT: 13.53 min Scan# 3869
Delta R.T. 0.00 min
Lab File: VV016276.D
Acq: 28 May 2020 14:57

Tgt Ion: 128 Resp: 3564
Ion Ratio Lower Upper
128 100
129 9.6 8.6 13.0
127 13.0 10.6 15.8

