

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV041620\
 Data File : VV015529.D
 Acq On : 16 Apr 2020 11:59
 Operator : SY/MD
 Sample : L2288-01
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 17 00:48:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Apr 17 00:46:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	111749	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	104680	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	51078	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	29460	5.08	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.60%
7) Chloroethane-d5	1.58	69	26232	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.20%
11) 1,1-Dichloroethene-d2	2.12	63	41240	3.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.60%
20) 2-Butanone-d5	3.93	46	78544	48.24	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.48%
24) Chloroform-d	4.38	84	57803	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
26) 1,2-Dichloroethane-d4	5.06	65	33152	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
32) Benzene-d6	5.07	84	115345	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
36) 1,2-Dichloropropane-d6	6.09	67	35922	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.40%
41) Toluene-d8	7.34	98	106842	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
43) trans-1,3-Dichloropropene-	7.64	79	14721	4.68	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.60%
46) 2-Hexanone-d5	8.11	63	60068	39.59	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.18%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	23737	4.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.60%
64) 1,2-Dichlorobenzene-d4	11.65	152	38692	4.72	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.40%

Target Compounds

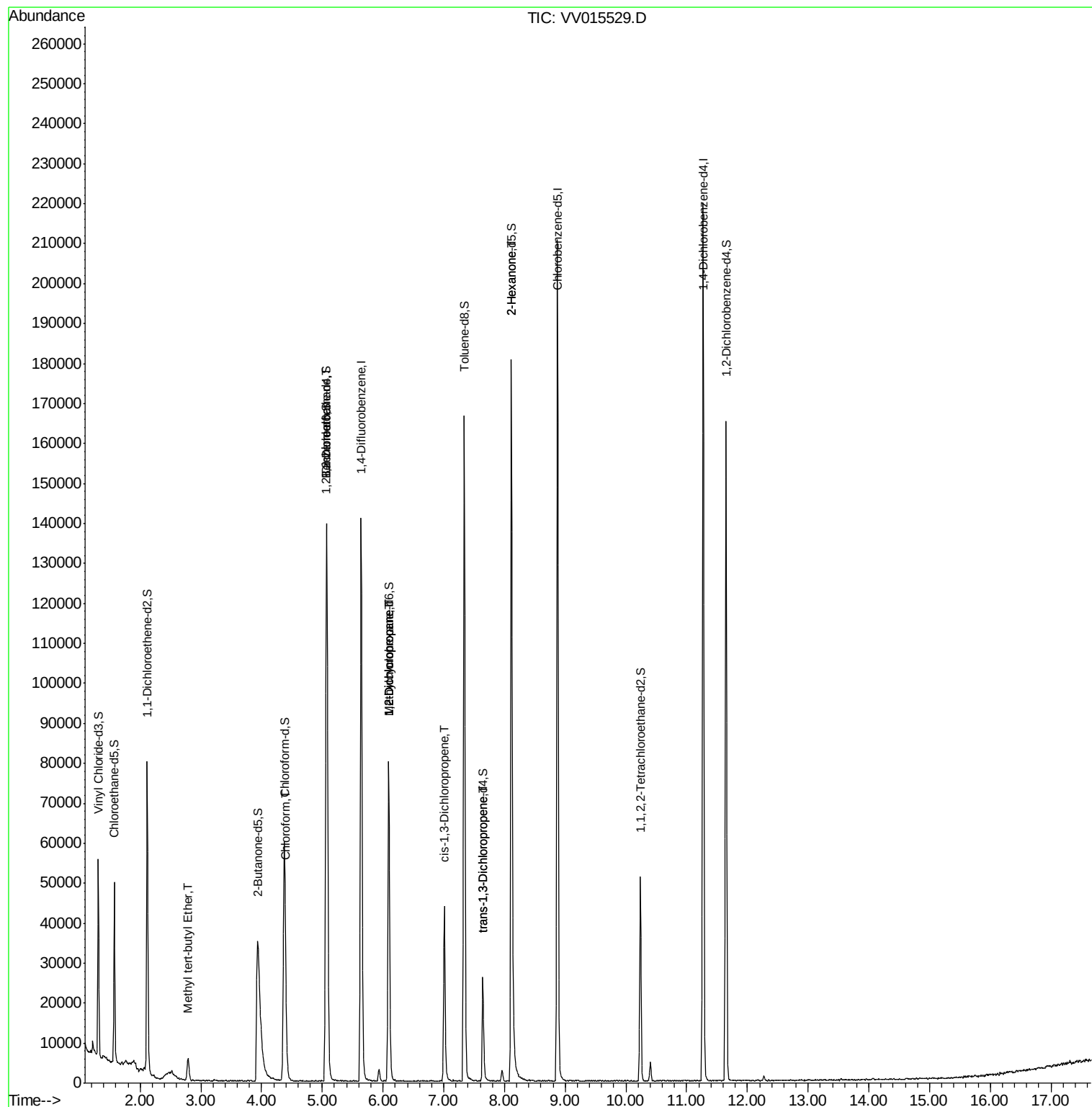
					Ovalue
17) Methyl tert-butyl Ether	2.79	73	5469	0.292 ug/L	94
25) Chloroform	4.40	83	8086	0.530 ug/L	100
27) 1,2-Dichloroethane	5.07	62	701	0.071 ug/L #	77
35) Methylcyclohexane	6.09	83	8631	0.607 ug/L #	16
37) 1,2-Dichloropropane	6.09	63	4313	0.555 ug/L #	86
39) cis-1,3-Dichloropropene	7.00	75	1230	0.103 ug/L	90
44) trans-1,3-Dichloropropene	7.64	75	658	0.065 ug/L #	59
48) 2-Hexanone	8.12	43	8817	2.473 ug/L #	76

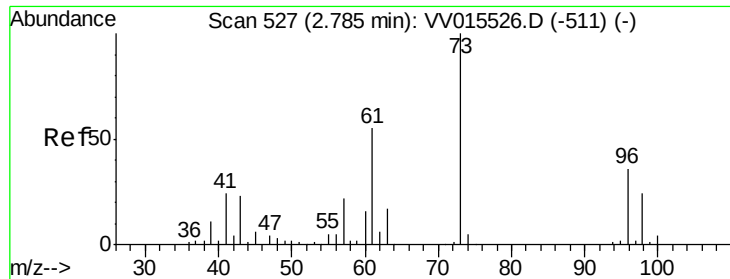
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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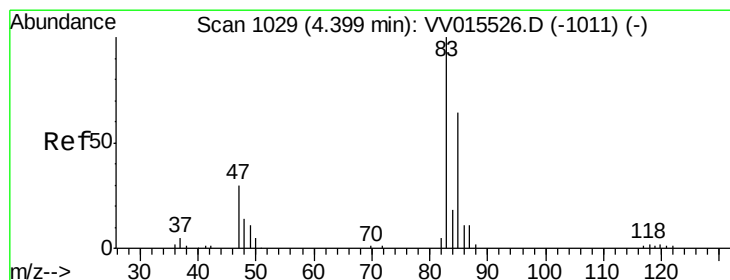
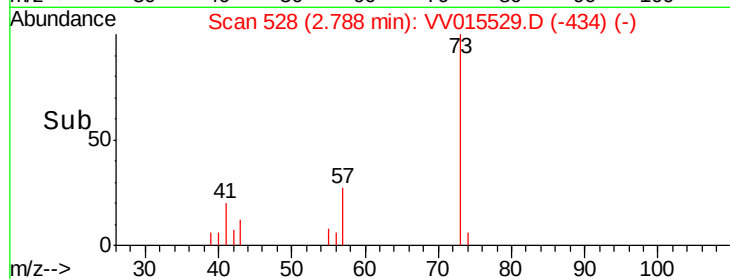
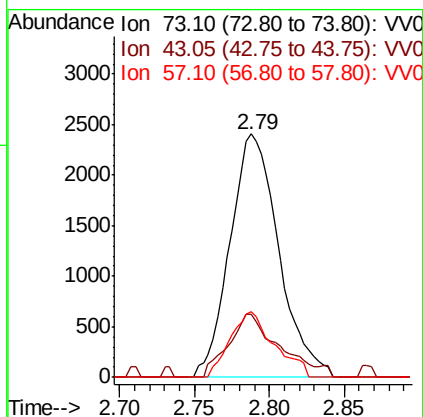
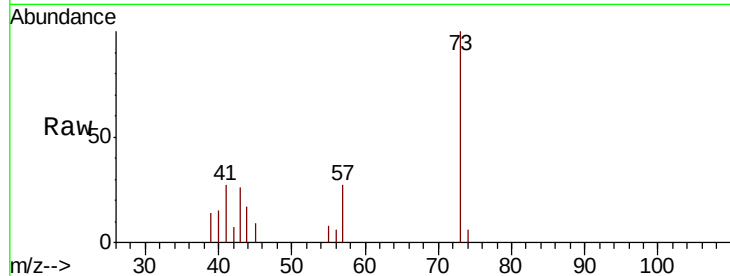




#17
Methyl tert-butyl Ether
Concen: 0.292 ug/L
RT: 2.79 min Scan# 528
Delta R.T. 0.00 min
Lab File: VV015529.D
Acq: 16 Apr 2020 11:59

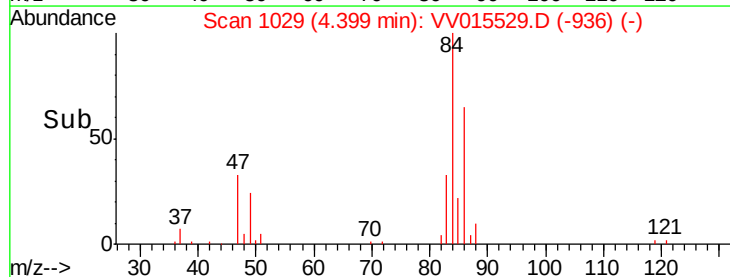
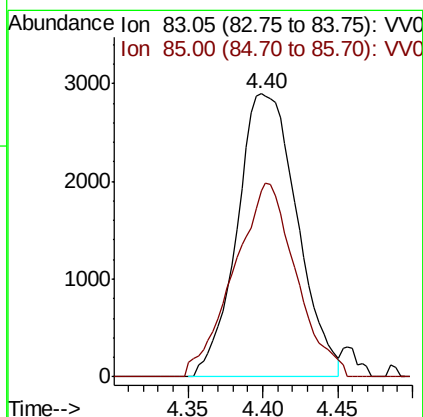
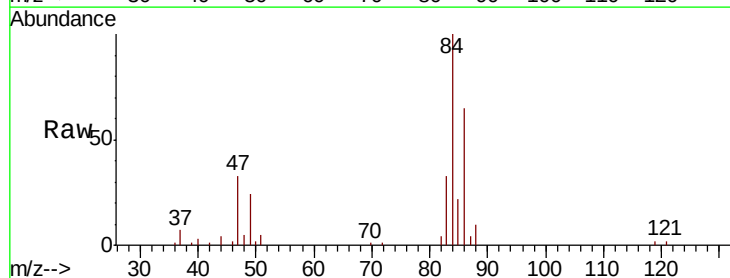
Instrument :
MSVOA_V
ClientSampleId :

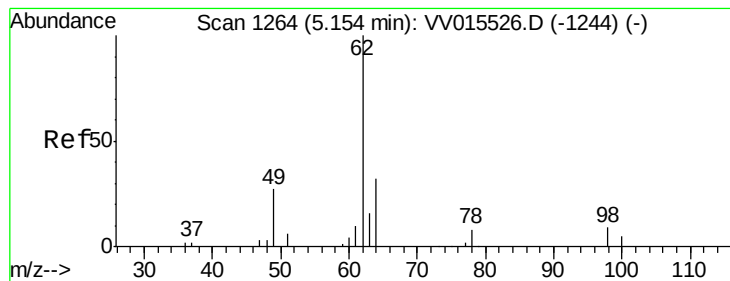
Tot Ion: 73 Resp: 5469
Ion Ratio Lower Upper
73 100
43 27.4 18.3 27.5
57 24.2 18.4 27.6



#25
Chloroform
Concen: 0.530 ug/L
RT: 4.40 min Scan# 1029
Delta R.T. 0.00 min
Lab File: VV015529.D
Acq: 16 Apr 2020 11:59

Tgt Ion: 83 Resp: 8086
Ion Ratio Lower Upper
83 100
85 65.7 45.9 85.3





#27

1,2-Dichloroethane

Concen: 0.071 ug/L

RT: 5.07 min Scan# 1237

Delta R.T. -0.09 min

Lab File: VV015529.D

Acq: 16 Apr 2020 11:59

Instrument :

MSVOA_V

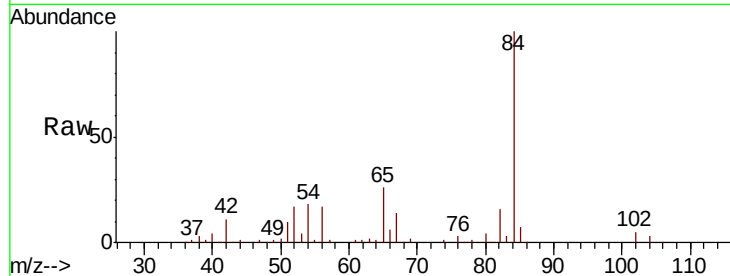
ClientSampleId :

Tot Ion: 62 Resp: 701

Ion Ratio Lower Upper

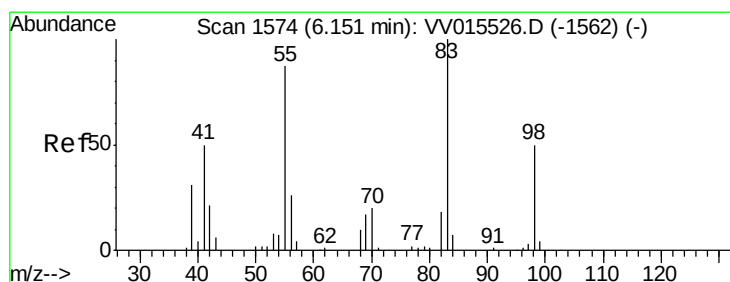
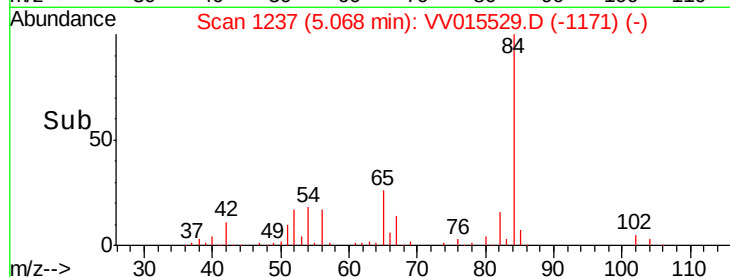
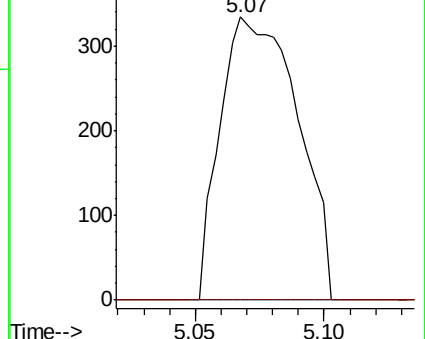
62 100

98 0.0 6.6 10.0#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.05 (97.75 to 98.75): VV0



#35

Methylcyclohexane

Concen: 0.607 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VV015529.D

Acq: 16 Apr 2020 11:59

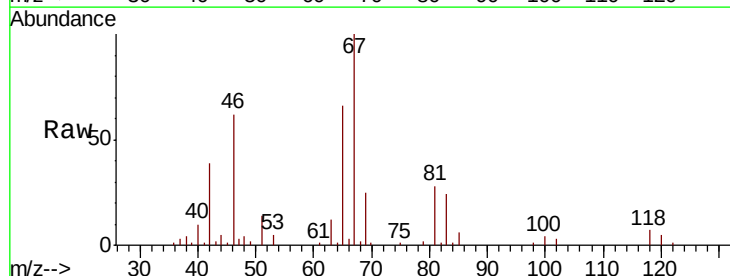
Tgt Ion: 83 Resp: 8631

Ion Ratio Lower Upper

83 100

55 0.0 66.6 99.8#

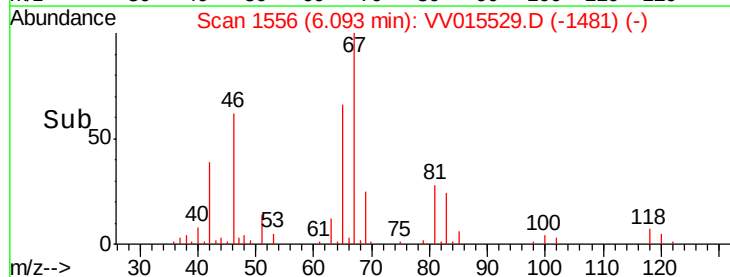
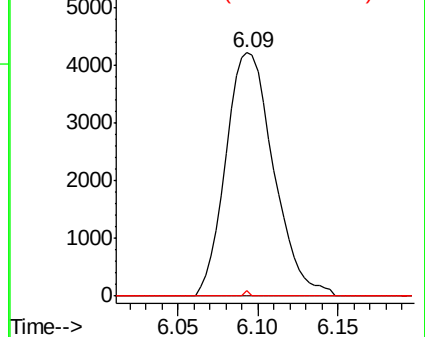
98 0.2 38.7 58.1#

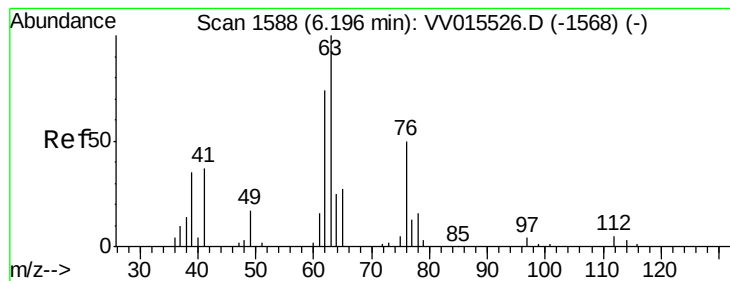


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0





#37

1,2-Dichloropropane

Concen: 0.555 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.10 min

Lab File: VV015529.D

Acq: 16 Apr 2020 11:59

Instrument :

MSVOA_V

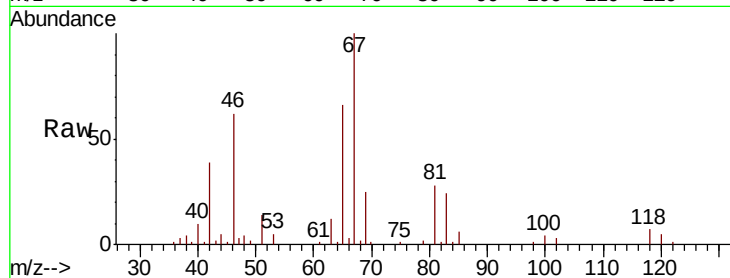
ClientSampleId :

Tot Ion: 63 Resp: 4313

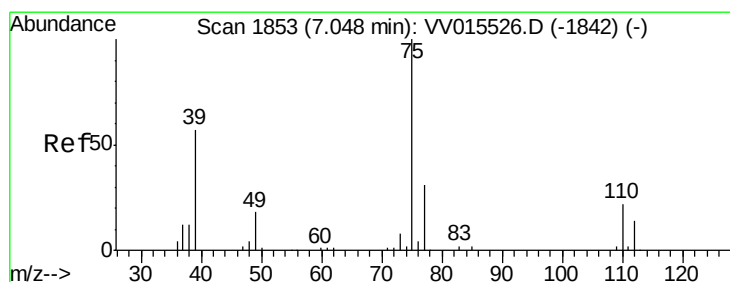
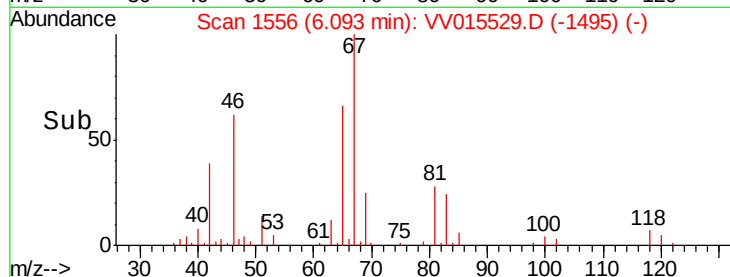
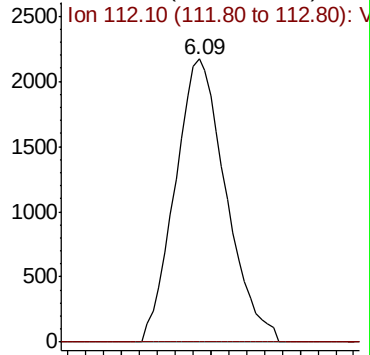
Ion Ratio Lower Upper

63 100

112 0.0 3.6 5.4#



Abundance Ion 63.10 (62.80 to 63.80): VV015526.D (-1568) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.103 ug/L

RT: 7.00 min Scan# 1839

Delta R.T. -0.04 min

Lab File: VV015529.D

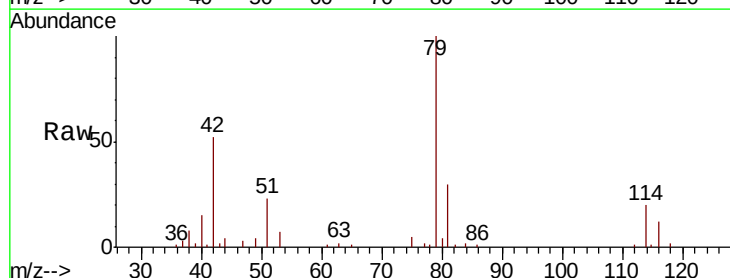
Acq: 16 Apr 2020 11:59

Tgt Ion: 75 Resp: 1230

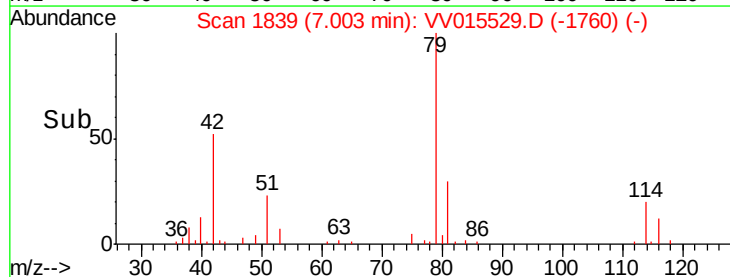
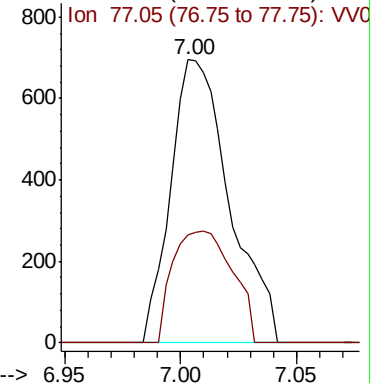
Ion Ratio Lower Upper

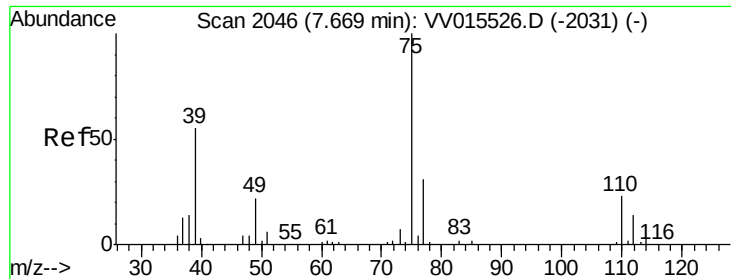
75 100

77 38.3 23.0 42.6



Abundance Ion 75.05 (74.75 to 75.75): VV015526.D (-1842) (-)

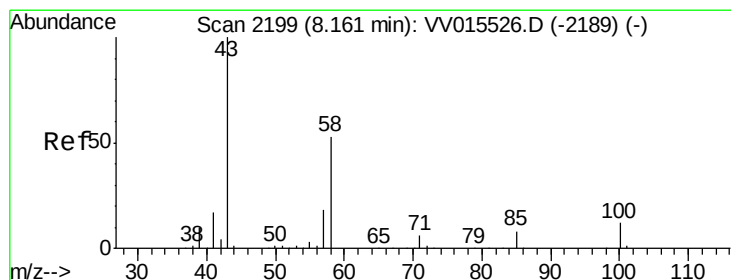
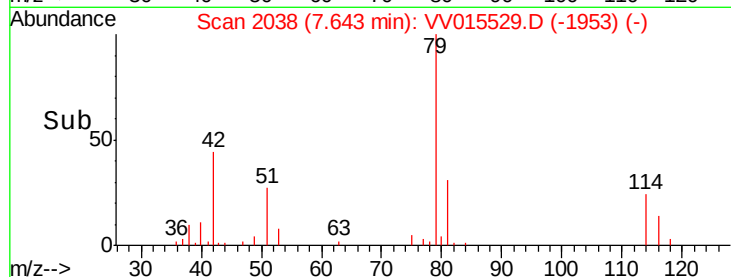
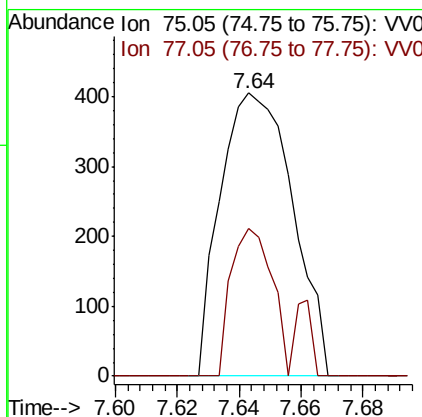
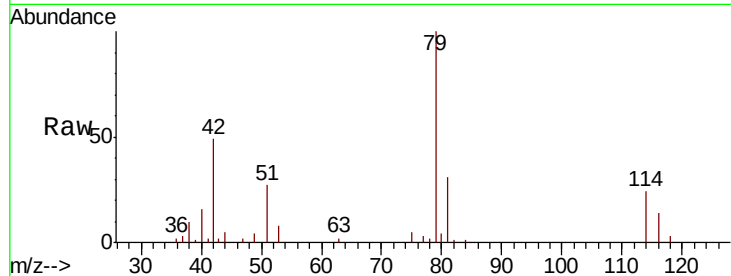




#44
trans-1,3-Dichloropropene
Concen: 0.065 ug/L
RT: 7.64 min Scan# 2038
Delta R.T. -0.03 min
Lab File: VV015529.D
Acq: 16 Apr 2020 11:59

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 75 Resp: 658
Ion Ratio Lower Upper
75 100
77 52.1 21.0 39.0#



#48
2-Hexanone
Concen: 2.473 ug/L
RT: 8.12 min Scan# 2185
Delta R.T. -0.04 min
Lab File: VV015529.D
Acq: 16 Apr 2020 11:59

Tgt Ion: 43 Resp: 8817
Ion Ratio Lower Upper
43 100
58 32.7 41.4 62.0#
57 23.4 15.0 22.4#
100 0.0 9.4 14.2#

