

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV051220\
 Data File : VV016019.D
 Acq On : 12 May 2020 17:03
 Operator : SY/MD
 Sample : L2541-23
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 13 06:58:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed May 13 06:55:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	145528	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	145771	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	66698	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	49986	6.33	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	126.60%
7) Chloroethane-d5	1.58	69	44346	5.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	118.60%
11) 1,1-Dichloroethene-d2	2.12	63	74125	4.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.40%
20) 2-Butanone-d5	3.94	46	124451	55.26	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.52%
24) Chloroform-d	4.38	84	89985	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.20%
26) 1,2-Dichloroethane-d4	5.06	65	54231	5.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.60%
32) Benzene-d6	5.08	84	186819	5.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.80%
36) 1,2-Dichloropropane-d6	6.10	67	58257	5.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.00%
41) Toluene-d8	7.34	98	166201	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
45) trans-1,3-Dichloropropene-	7.65	79	19237	4.63	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.60%
48) 2-Hexanone-d5	8.12	63	87063	47.69	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.38%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	38331	5.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	59926	5.54	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.80%

Target Compounds

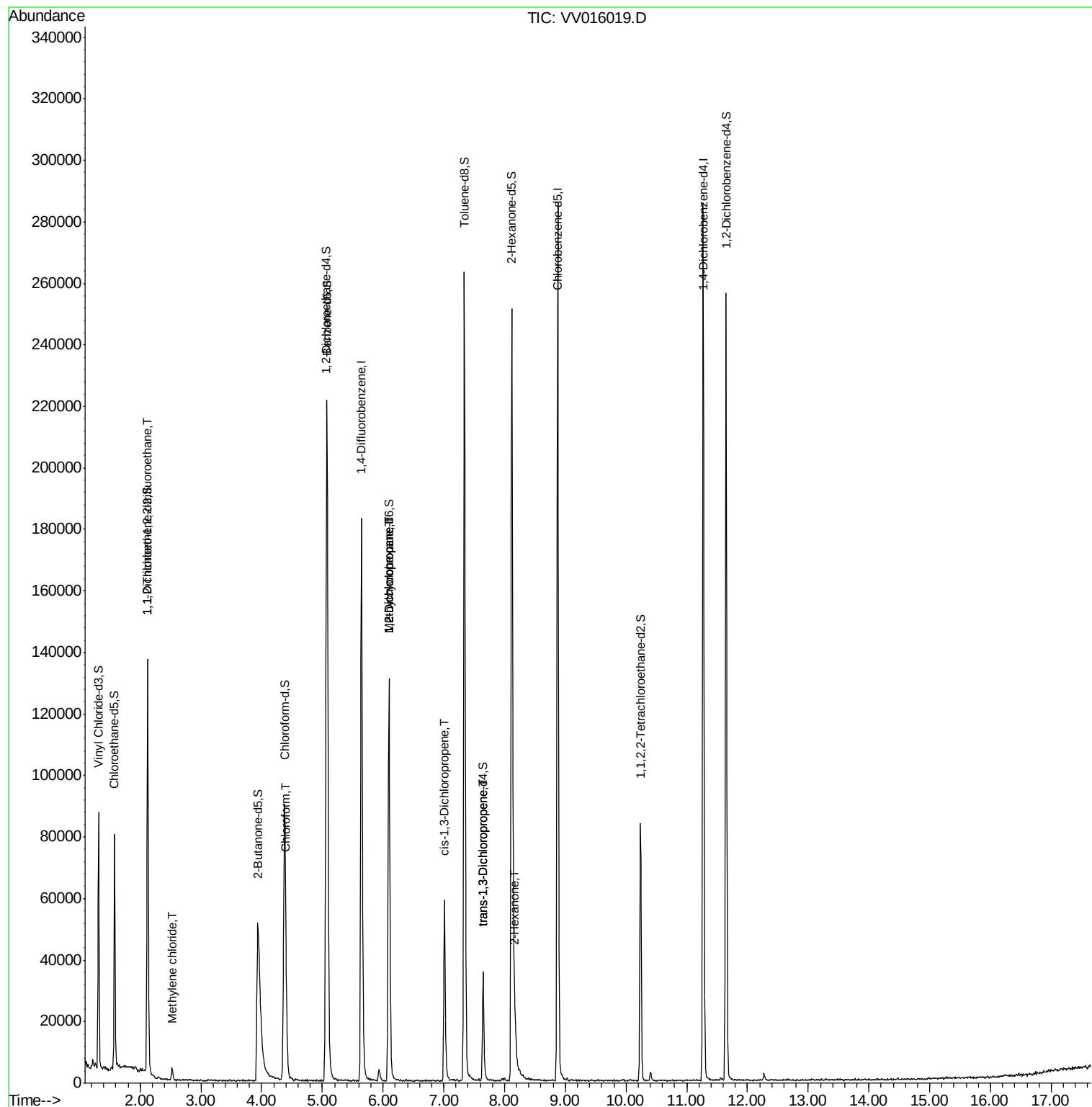
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	665	0.080	ug/L #	20
16) Methylene chloride	2.52	84	1376	0.144	ug/L	90
25) Chloroform	4.41	83	8750	0.466	ug/L	97
35) Methylcyclohexane	6.10	83	14870	0.939	ug/L #	16
37) 1,2-Dichloropropane	6.09	63	7267	0.780	ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	1714	0.130	ug/L #	56
46) trans-1,3-Dichloropropene	7.65	75	1091	0.098	ug/L #	83
50) 2-Hexanone	8.17	43	5638	1.373	ug/L #	48

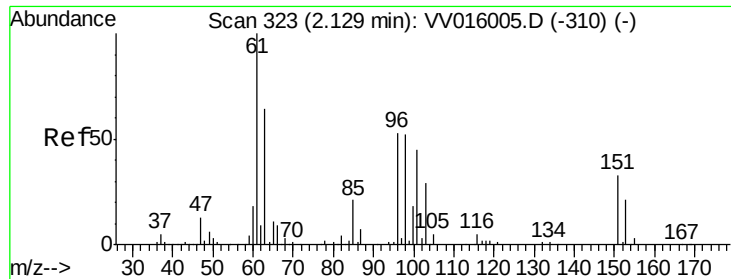
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed May 13 06:55:36 2020
Response via : Initial Calibration





#10

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

Concen: 0.080 ug/L

RT: 2.13 min Scan# 323

Delta R.T. 0.00 min

Lab File: VV016019.D

Acq: 12 May 2020 17:03

Instrument :

MSVOA_V

ClientSampleId :

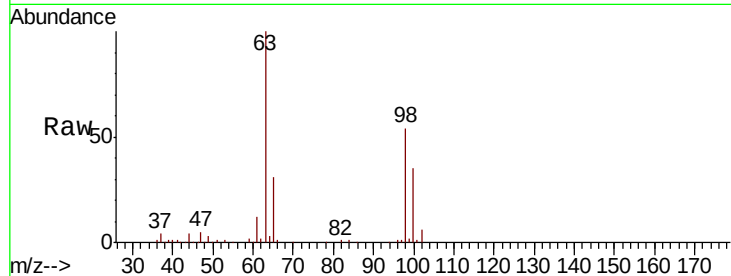
Tot Ion:101 Resp: 665

Ion Ratio Lower Upper

101 100

85 0.0 35.7 53.5#

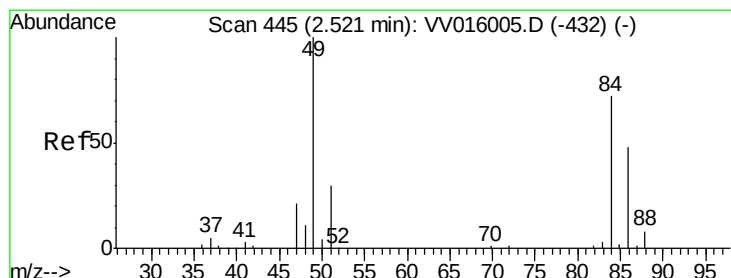
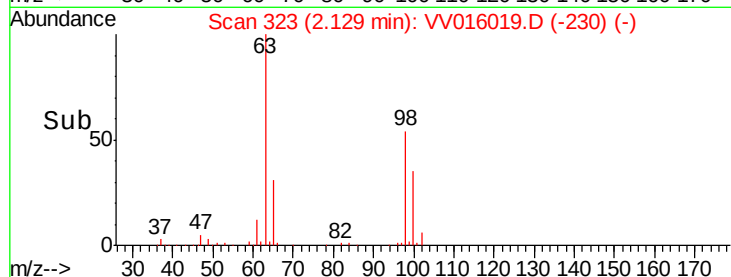
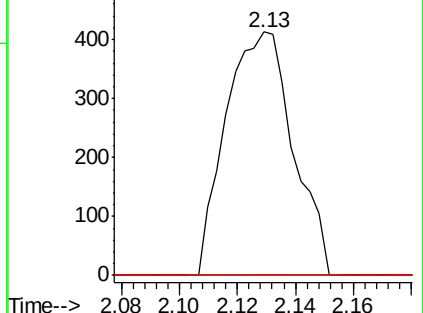
151 0.0 58.0 87.0#



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



#16

Methylene chloride

Concen: 0.144 ug/L

RT: 2.52 min Scan# 446

Delta R.T. 0.00 min

Lab File: VV016019.D

Acq: 12 May 2020 17:03

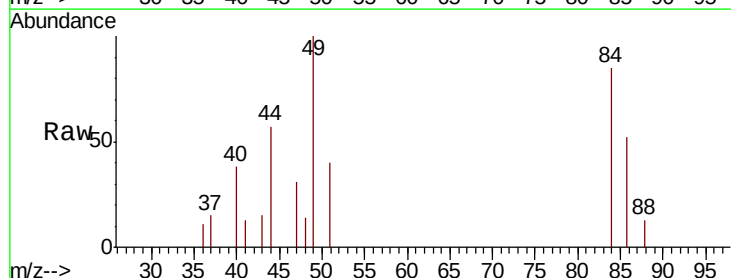
Tgt Ion: 84 Resp: 1376

Ion Ratio Lower Upper

84 100

86 61.2 45.6 84.8

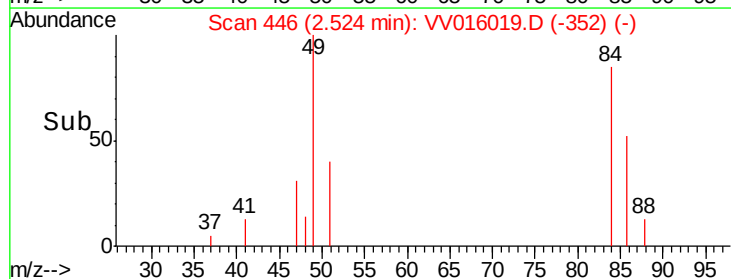
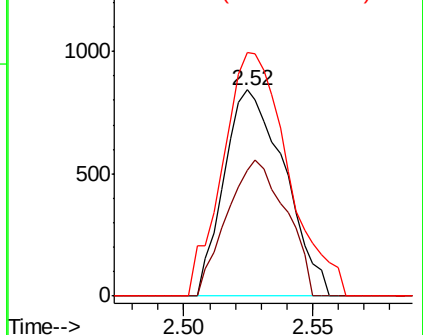
49 118.3 93.6 173.8

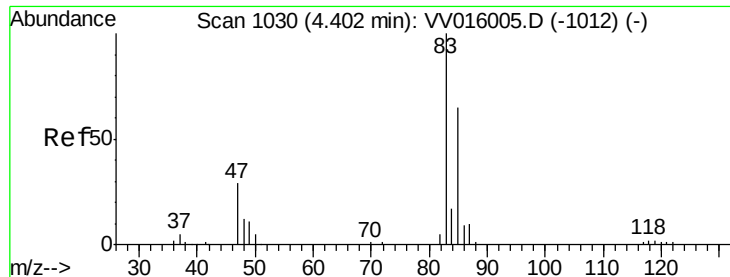


Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0

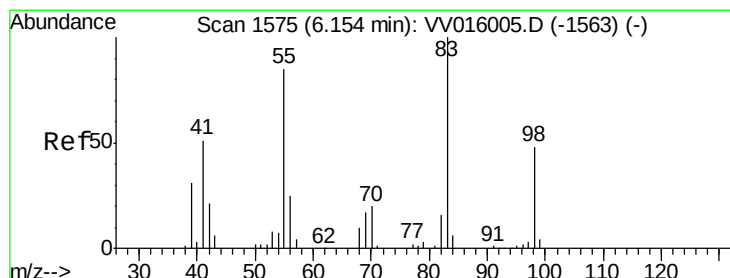
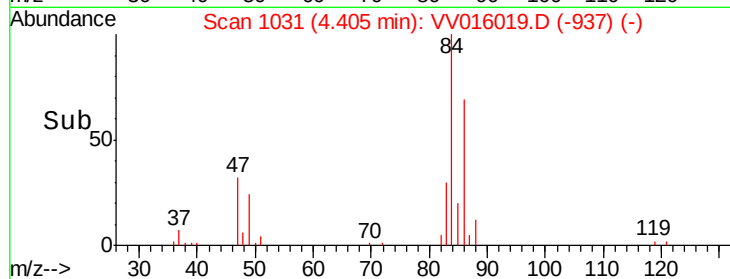
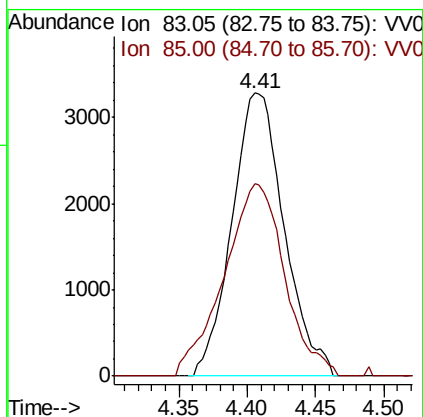
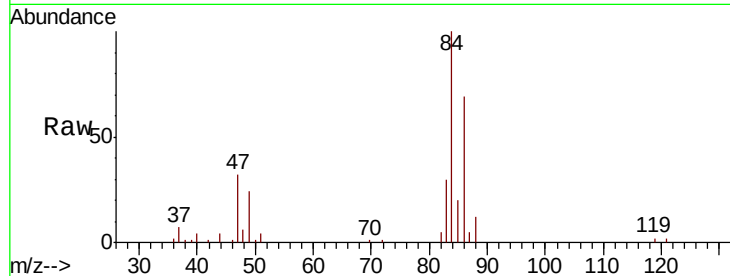




#25
Chloroform
Concen: 0.466 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VV016019.D
Acq: 12 May 2020 17:03

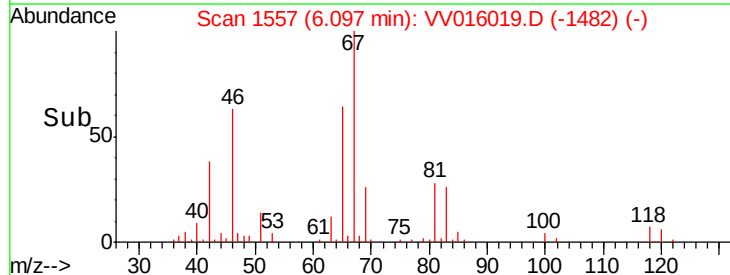
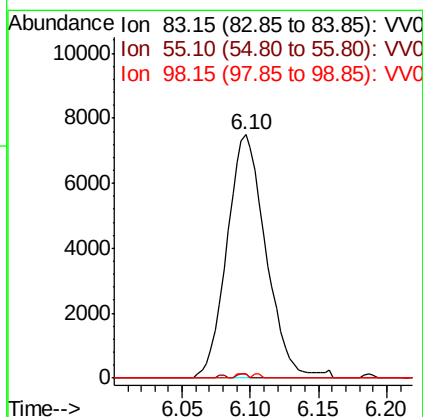
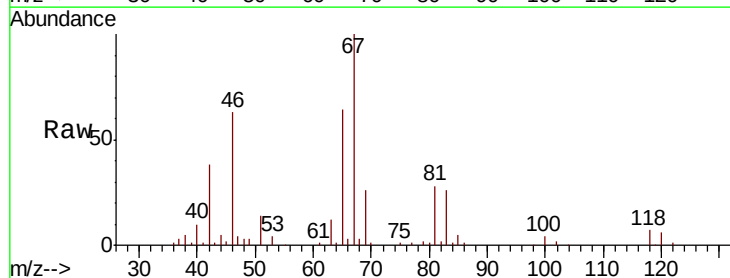
Instrument :
MSVOA_V
ClientSampleId :

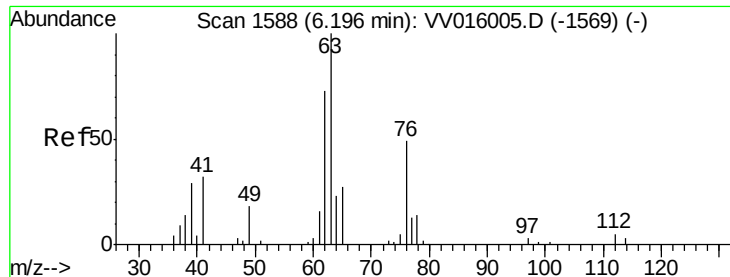
Tot Ion: 83 Resp: 8750
Ion Ratio Lower Upper
83 100
85 67.8 45.7 84.9



#35
Methylcyclohexane
Concen: 0.939 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.06 min
Lab File: VV016019.D
Acq: 12 May 2020 17:03

Tgt Ion: 83 Resp: 14870
Ion Ratio Lower Upper
83 100
55 0.4 66.2 99.2#
98 0.5 37.9 56.9#

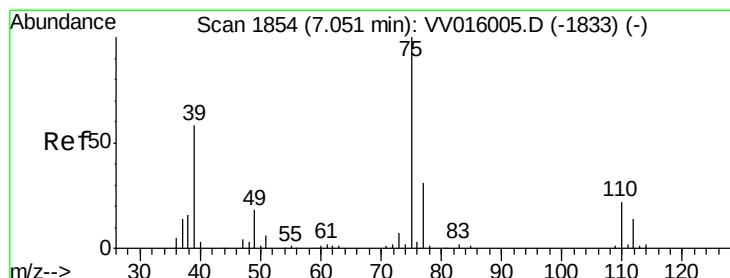
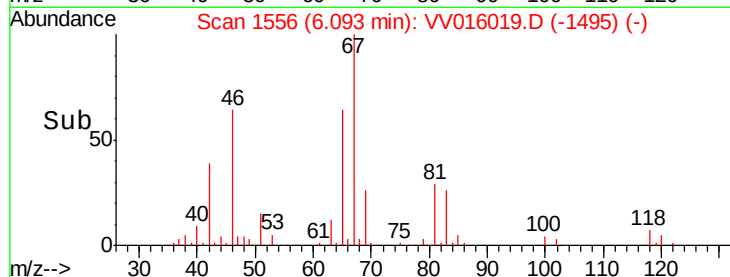
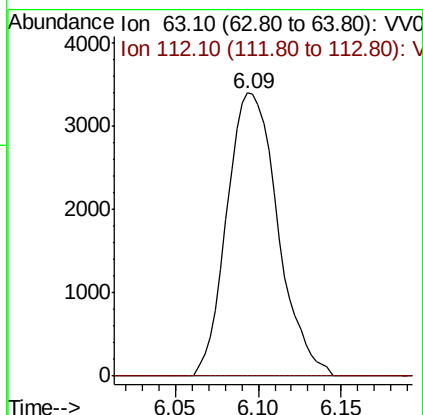
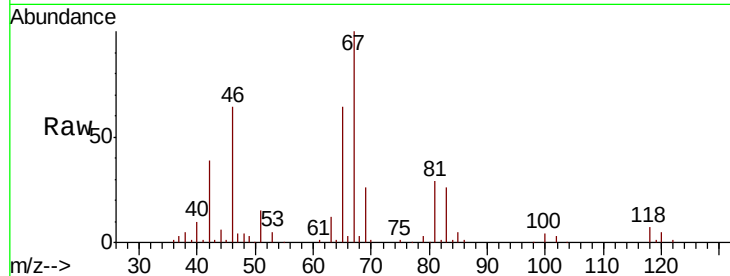




#37
 1,2-Dichloropropane
 Concen: 0.780 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV016019.D
 Acq: 12 May 2020 17:03

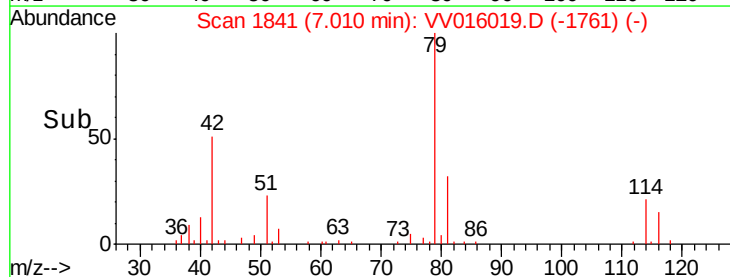
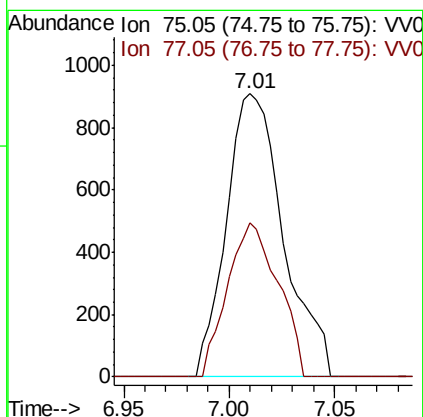
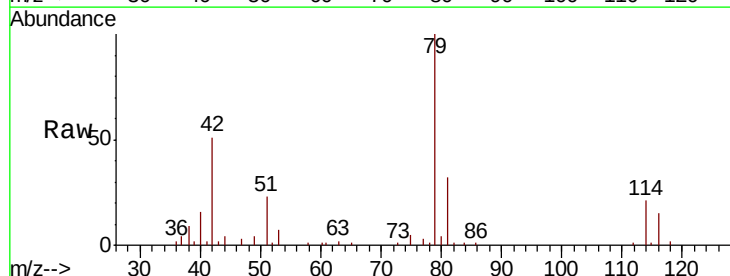
Instrument :
 MSVOA_V
 ClientSampleId :

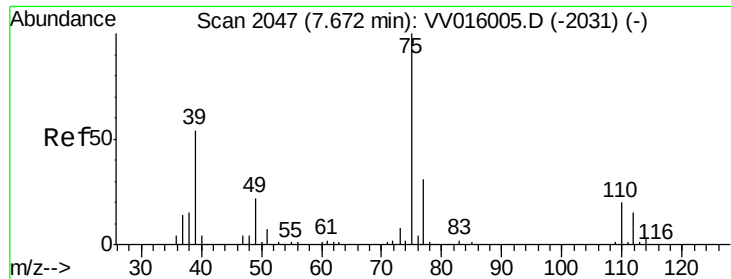
Tot Ion: 63 Resp: 7267
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.0#



#39
 cis-1,3-Dichloropropene
 Concen: 0.130 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV016019.D
 Acq: 12 May 2020 17:03

Tgt Ion: 75 Resp: 1714
 Ion Ratio Lower Upper
 75 100
 77 54.4 21.3 39.5#





#46

trans-1,3-Dichloropropene

Concen: 0.098 ug/L

RT: 7.65 min Scan# 2039

Delta R.T. -0.03 min

Lab File: VV016019.D

Acq: 12 May 2020 17:03

Instrument :

MSVOA_V

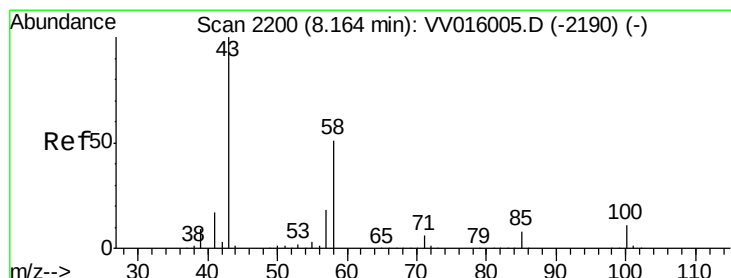
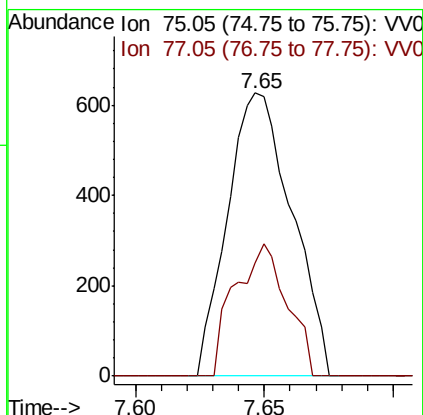
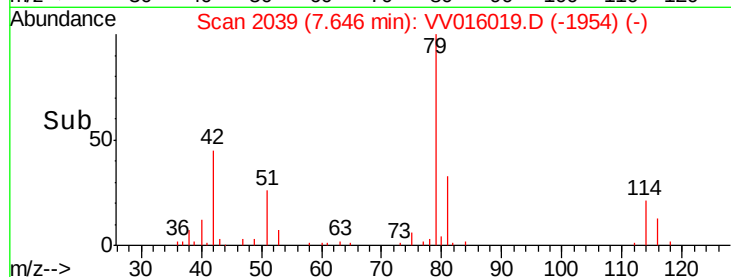
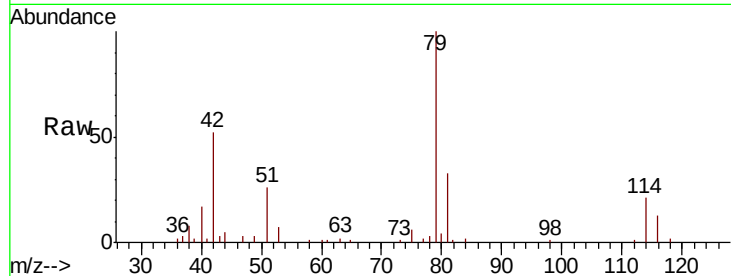
ClientSampleId :

Tot Ion: 75 Resp: 1091

Ion Ratio Lower Upper

75 100

77 39.7 21.3 39.6#



#50

2-Hexanone

Concen: 1.373 ug/L

RT: 8.17 min Scan# 2203

Delta R.T. 0.01 min

Lab File: VV016019.D

Acq: 12 May 2020 17:03

Tgt Ion: 43 Resp: 5638

Ion Ratio Lower Upper

43 100

58 0.0 40.8 61.2#

57 27.5 14.7 22.1#

100 9.4 9.0 13.6

