

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052120\
 Data File : VV016163.D
 Acq On : 21 May 2020 18:55
 Operator : SY/MD
 Sample : L2731-07
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 22 01:57:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 22 01:50:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	131321	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	125723	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	56864	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	28979	4.07	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.40%
7) Chloroethane-d5	1.58	69	32323	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.80%
11) 1,1-Dichloroethene-d2	2.13	63	51407	3.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.20%
20) 2-Butanone-d5	3.94	46	90183	44.38	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.76%
24) Chloroform-d	4.38	84	80151	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.00%
26) 1,2-Dichloroethane-d4	5.06	65	40903	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
32) Benzene-d6	5.08	84	150517	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
36) 1,2-Dichloropropane-d6	6.10	67	48121	5.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.40%
41) Toluene-d8	7.34	98	130605	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.40%
45) trans-1,3-Dichloropropene-	7.65	79	13513	3.77	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.40%
48) 2-Hexanone-d5	8.12	63	68142	43.28	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.56%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	29861	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	48224	5.22	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.40%

Target Compounds

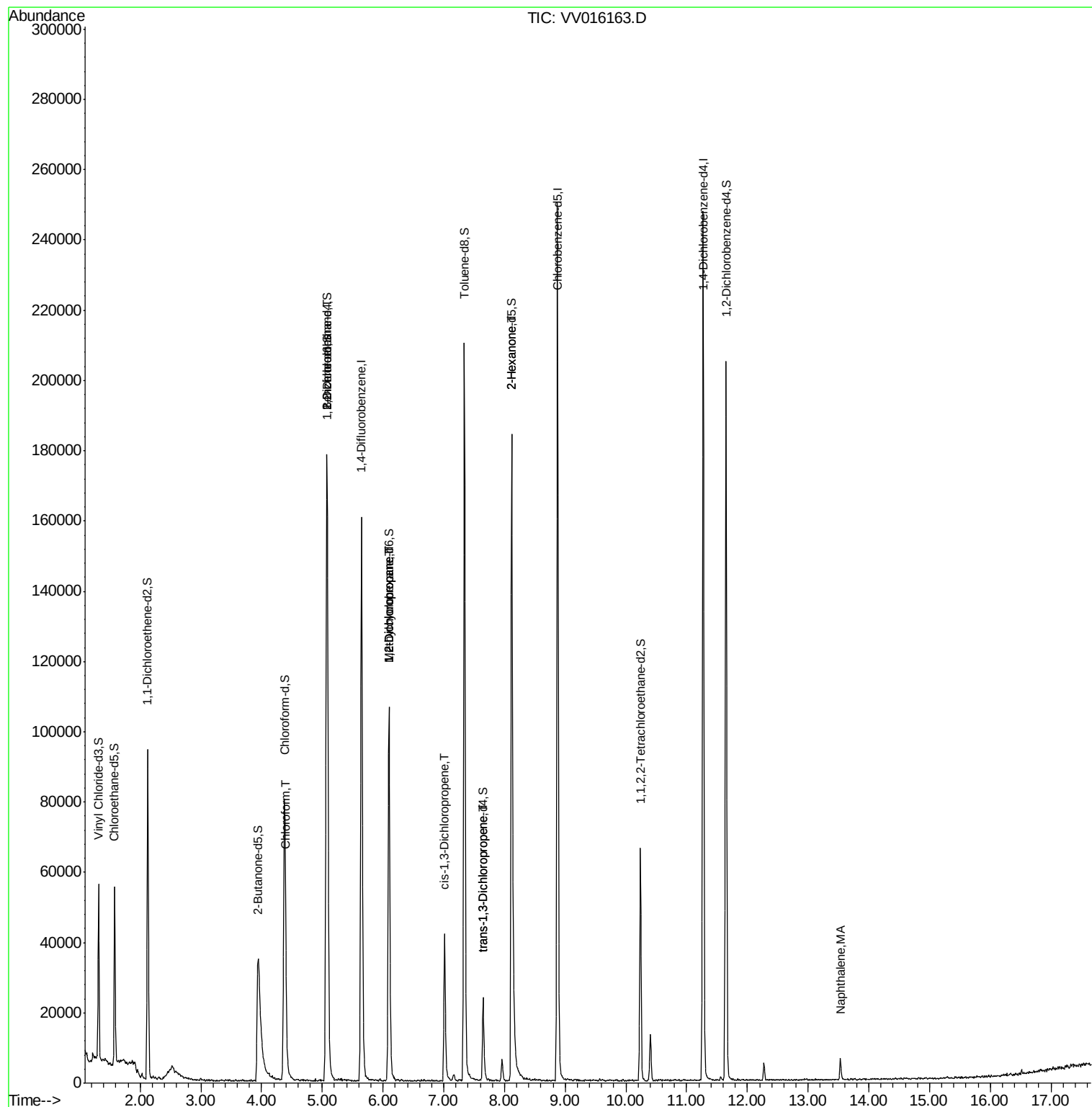
					Ovalue
25) Chloroform	4.41	83	2438	0.144 ug/L	90
27) 1,2-Dichloroethane	5.08	62	1141	0.110 ug/L #	76
35) Methylcyclohexane	6.10	83	12016	0.880 ug/L #	16
37) 1,2-Dichloropropane	6.10	63	5731	0.713 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	1183	0.104 ug/L #	78
46) trans-1,3-Dichloropropene	7.65	75	580	0.060 ug/L	93
50) 2-Hexanone	8.12	43	9846	2.780 ug/L #	73
70) Naphthalene	13.53	128	5145	0.336 ug/L	98

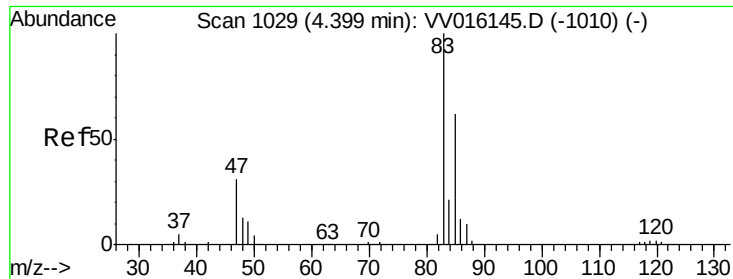
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 22 01:50:48 2020
Response via : Initial Calibration

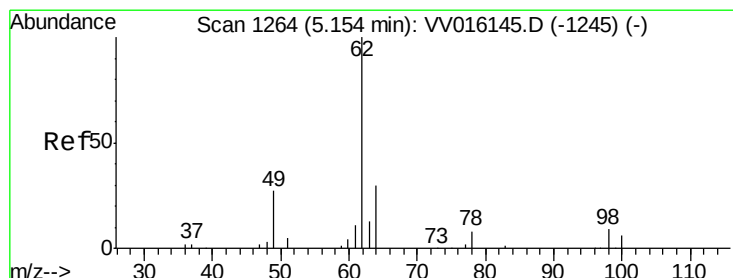
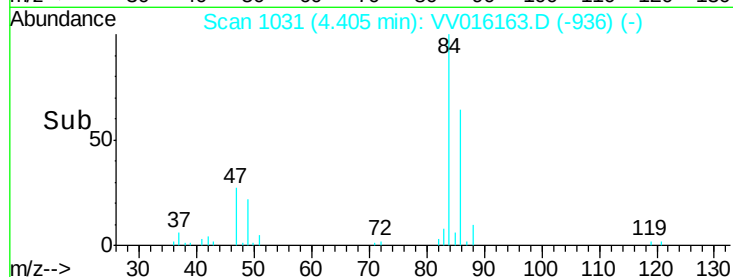
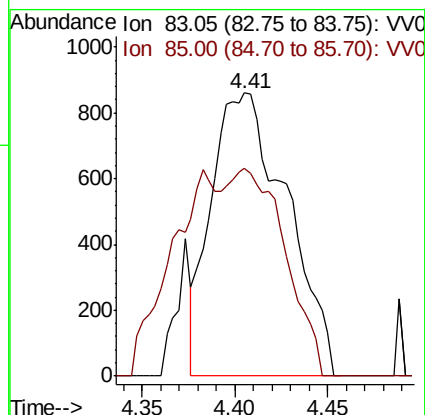
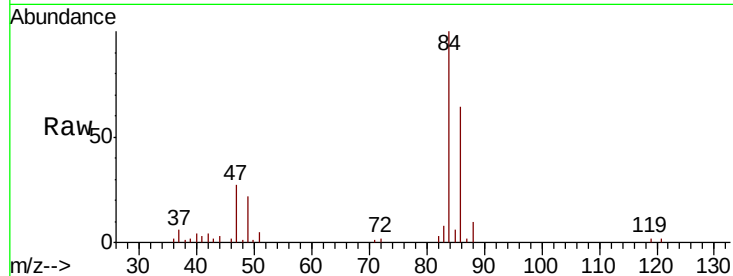




#25
Chloroform
Concen: 0.144 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VV016163.D
Acq: 21 May 2020 18:55

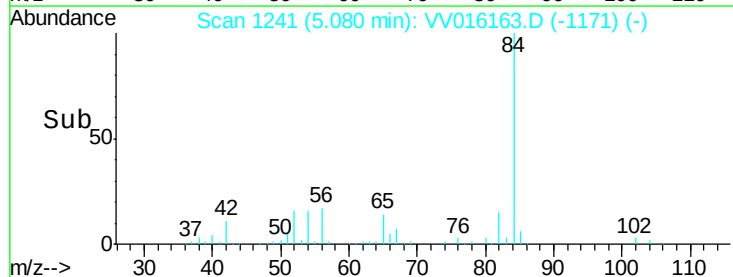
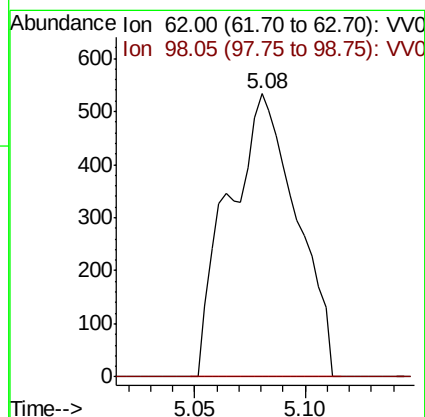
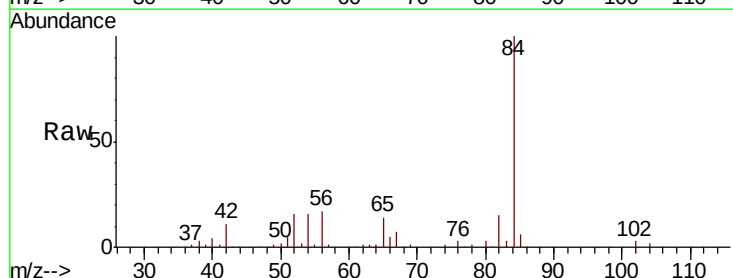
Instrument :
MSVOA_V
ClientSampleId :

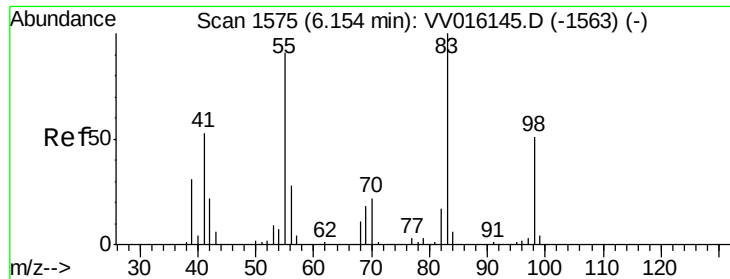
Tot Ion: 83 Resp: 2438
Ion Ratio Lower Upper
83 100
85 73.3 45.7 84.9



#27
1,2-Dichloroethane
Concen: 0.110 ug/L
RT: 5.08 min Scan# 1241
Delta R.T. -0.07 min
Lab File: VV016163.D
Acq: 21 May 2020 18:55

Tgt Ion: 62 Resp: 1141
Ion Ratio Lower Upper
62 100
98 0.0 6.7 10.1#

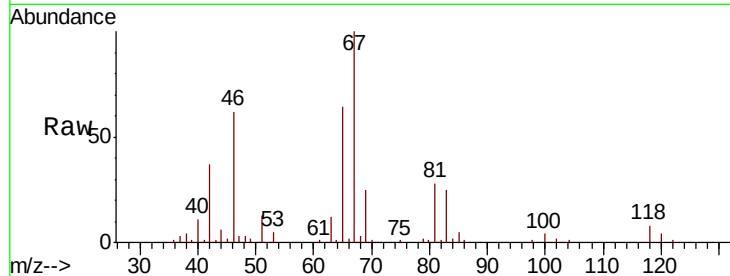




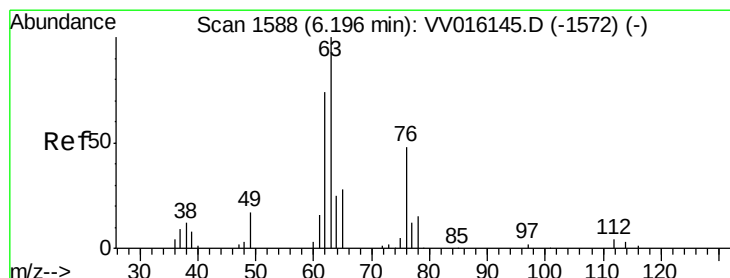
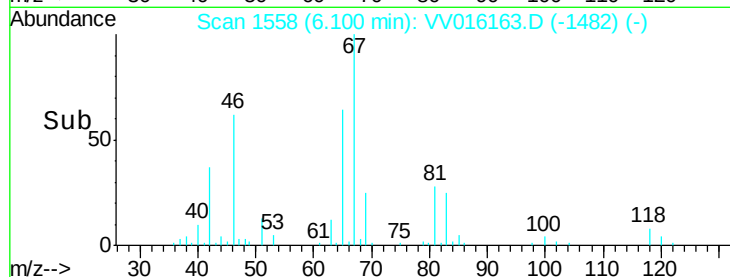
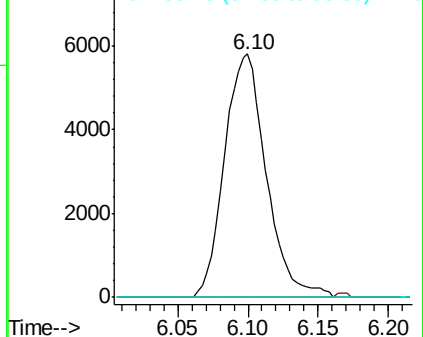
#35
Methylvlcyclohexane
Concen: 0.880 ug/L
RT: 6.10 min Scan# 1558
Delta R.T. -0.05 min
Lab File: VV016163.D
Acq: 21 May 2020 18:55

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 12016
Ion Ratio Lower Upper
83 100
55 0.5 66.2 99.2#
98 0.2 37.9 56.9#

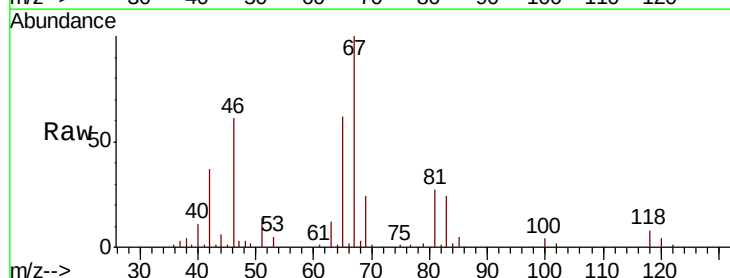


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

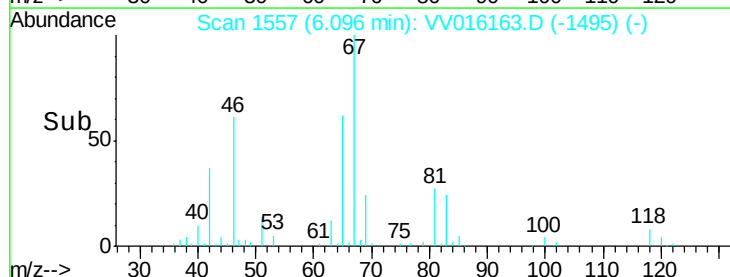
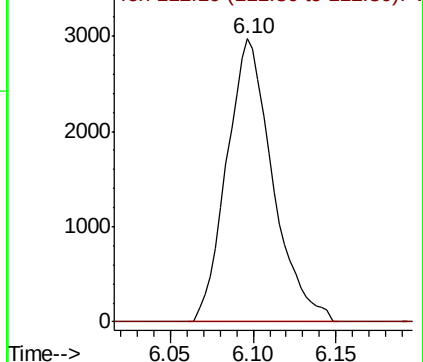


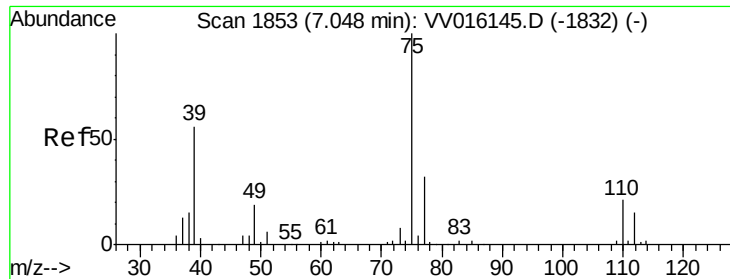
#37
1,2-Dichloropropane
Concen: 0.713 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV016163.D
Acq: 21 May 2020 18:55

Tgt Ion: 63 Resp: 5731
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V



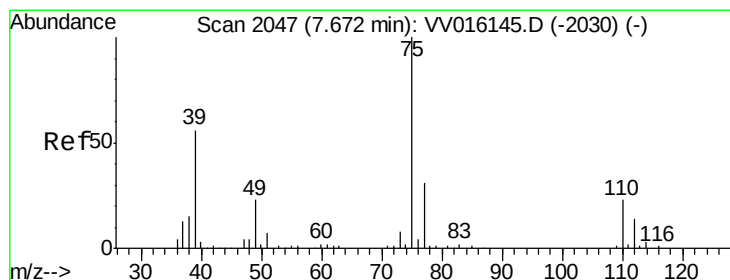
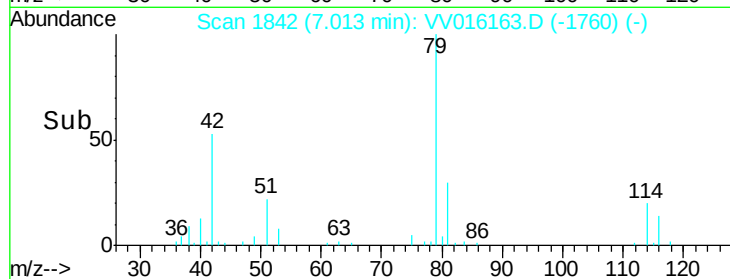
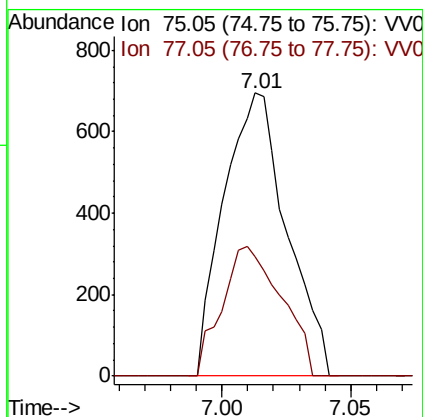
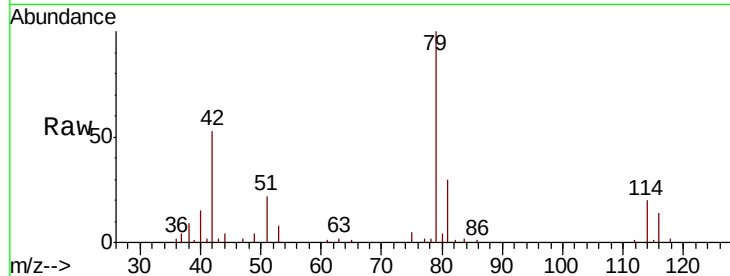


#39

cis-1,3-Dichloropropene
Concen: 0.104 ug/L
RT: 7.01 min Scan# 1842
Delta R.T. -0.04 min
Lab File: VV016163.D
Acq: 21 May 2020 18:55

Instrument :
MSVOA_V
ClientSampleId :

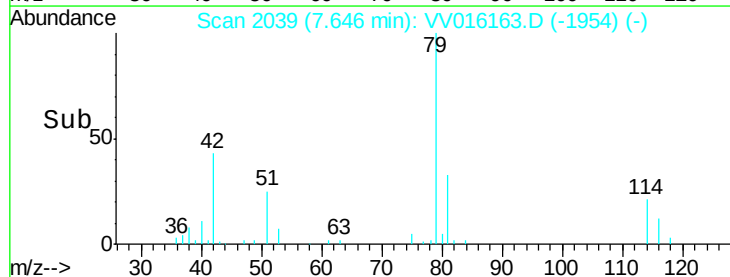
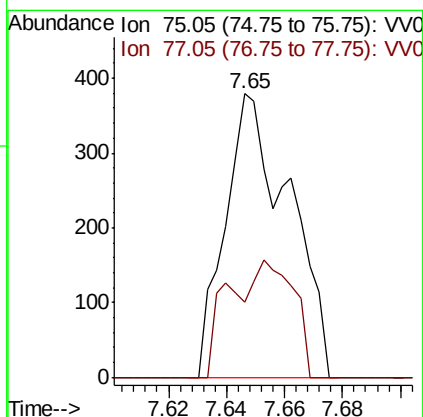
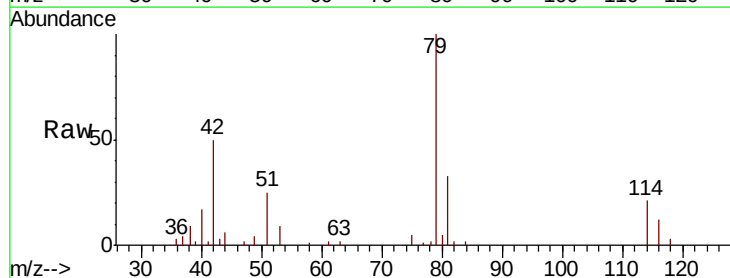
Tot Ion: 75 Resp: 1183
Ion Ratio Lower Upper
75 100
77 42.3 21.3 39.5#

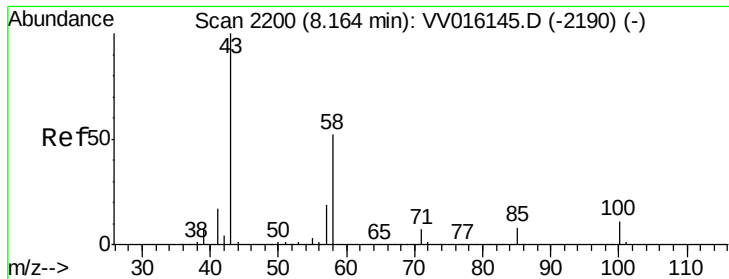


#46

trans-1,3-Dichloropropene
Concen: 0.060 ug/L
RT: 7.65 min Scan# 2039
Delta R.T. -0.03 min
Lab File: VV016163.D
Acq: 21 May 2020 18:55

Tgt Ion: 75 Resp: 580
Ion Ratio Lower Upper
75 100
77 26.6 21.3 39.6

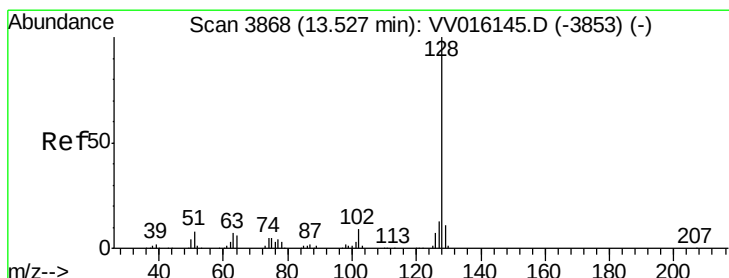
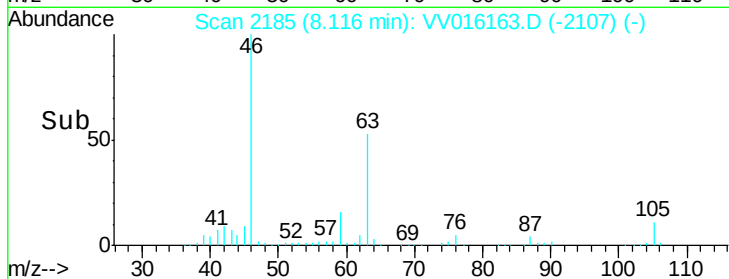
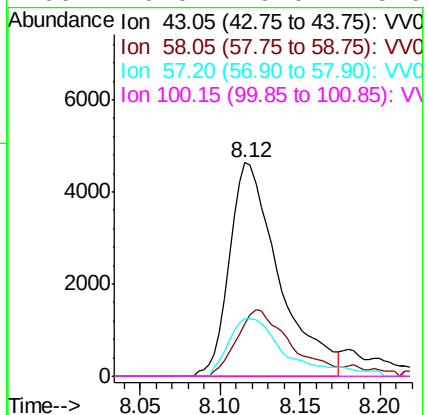
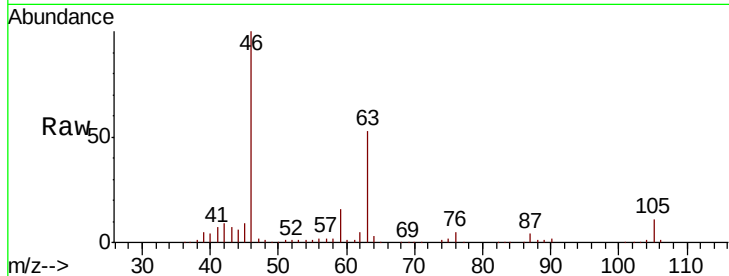




#50
2-Hexanone
Concen: 2.780 ug/L
RT: 8.12 min Scan# 2185
Delta R.T. -0.05 min
Lab File: VV016163.D
Acq: 21 May 2020 18:55

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 9846
Ion Ratio Lower Upper
43 100
58 33.6 40.8 61.2#
57 31.4 14.7 22.1#
100 0.0 9.0 13.6#



#70
Naphthalene
Concen: 0.336 ug/L
RT: 13.53 min Scan# 3869
Delta R.T. 0.00 min
Lab File: VV016163.D
Acq: 21 May 2020 18:55

Tgt Ion: 128 Resp: 5145
Ion Ratio Lower Upper
128 100
129 10.9 8.5 12.7
127 13.7 10.2 15.2

