

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052920\
 Data File : VV016328.D
 Acq On : 29 May 2020 22:29
 Operator : SY/MD
 Sample : VV0529WBL02
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 30 03:07:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 30 03:05:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	93026	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	88883	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	38438	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	28846	4.83	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.60%
7) Chloroethane-d5	1.58	69	23388	4.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.20%
11) 1,1-Dichloroethene-d2	2.12	63	41356	3.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.80%
20) 2-Butanone-d5	3.95	46	76669	51.73	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.46%
24) Chloroform-d	4.37	84	55256	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
26) 1,2-Dichloroethane-d4	5.06	65	30599	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
32) Benzene-d6	5.07	84	110283	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
36) 1,2-Dichloropropane-d6	6.09	67	34332	5.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.80%
41) Toluene-d8	7.34	98	97819	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
45) trans-1,3-Dichloropropene-	7.64	79	11498	4.53	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.60%
48) 2-Hexanone-d5	8.12	63	59609	51.19	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.38%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	23948	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.20%
65) 1,2-Dichlorobenzene-d4	11.65	152	34019	5.30	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.00%

Target Compounds

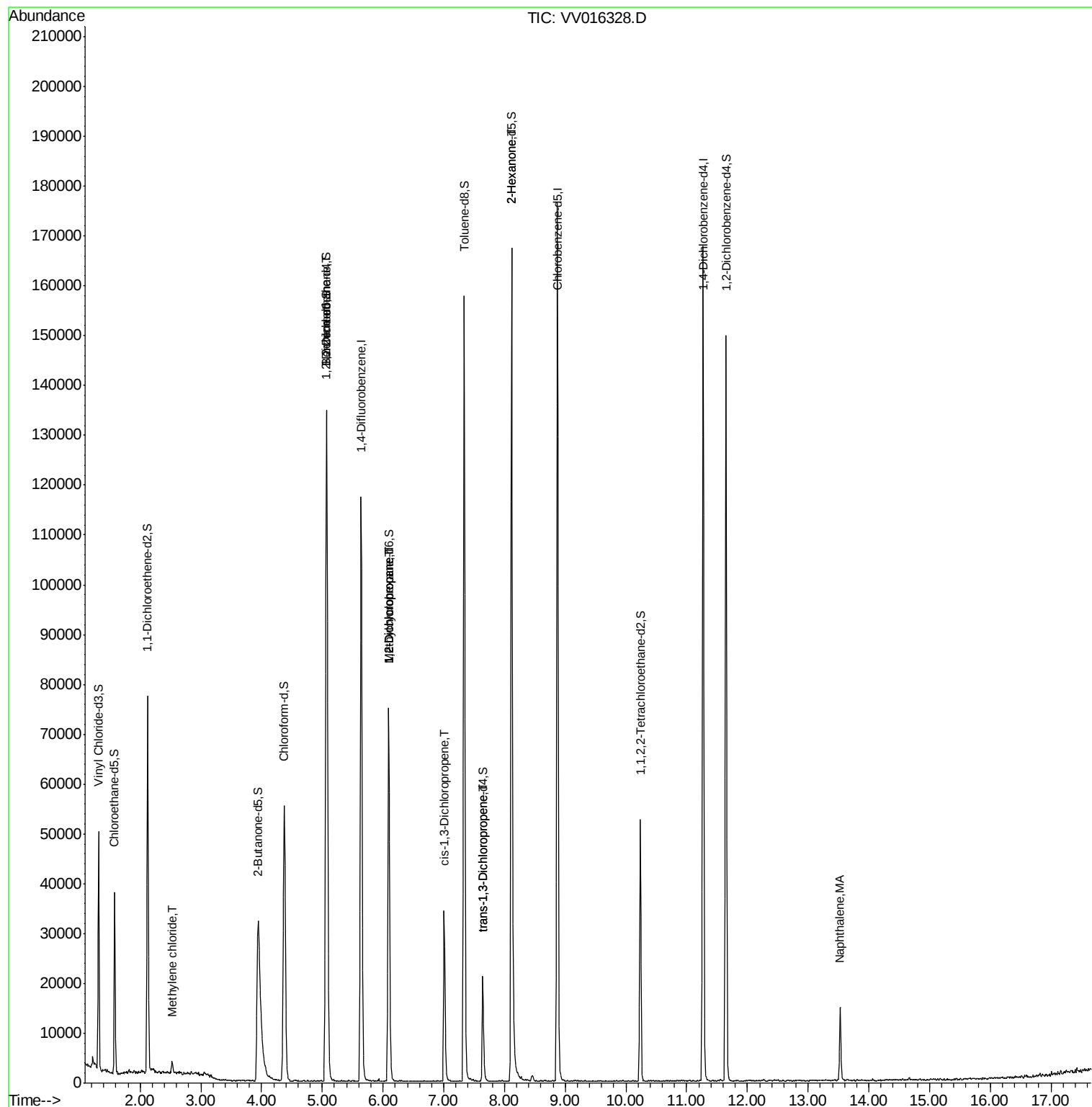
					Ovalue
16) Methylene chloride	2.52	84	839	0.133 ug/L	84
27) 1,2-Dichloroethane	5.07	62	717	0.091 ug/L #	79
35) Methylcyclohexane	6.10	83	7795	0.694 ug/L #	16
37) 1,2-Dichloropropane	6.09	63	4092	0.652 ug/L #	88
39) cis-1,3-Dichloropropene	7.01	75	987	0.111 ug/L #	76
46) trans-1,3-Dichloropropene	7.64	75	508	0.069 ug/L #	44
50) 2-Hexanone	8.12	43	8596	3.158 ug/L #	70
70) Naphthalene	13.53	128	11282	0.708 ug/L	98

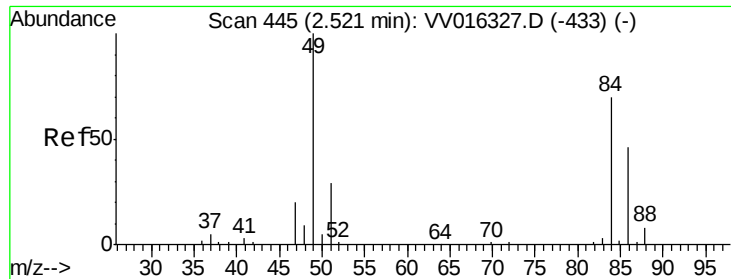
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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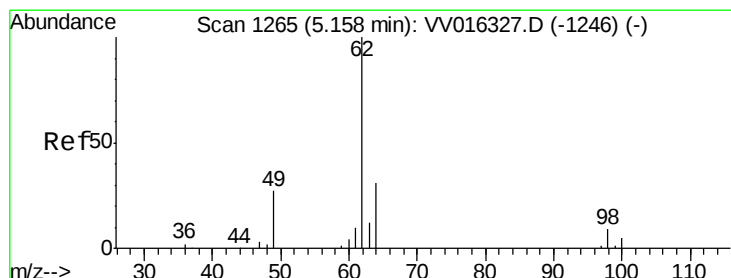
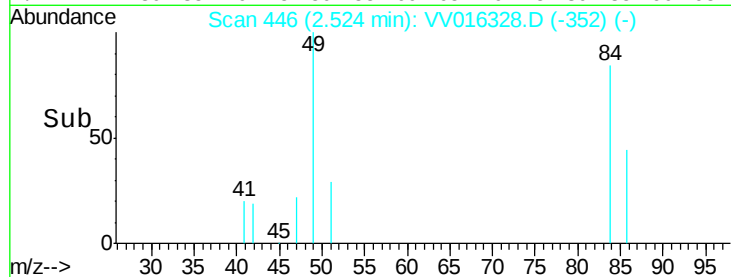
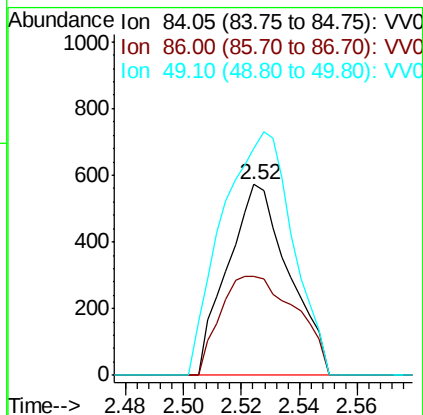
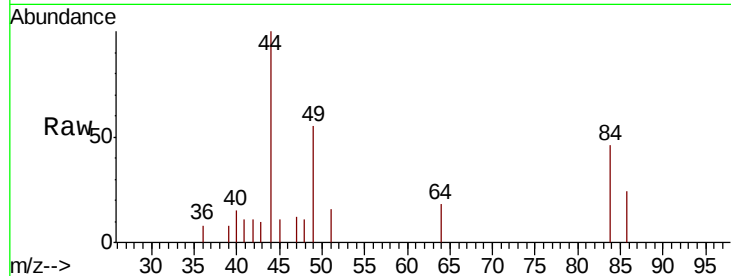




#16
Methvlene chloride
Concen: 0.133 ug/L
RT: 2.52 min Scan# 446
Delta R.T. 0.00 min
Lab File: VV016328.D
Acq: 29 May 2020 22:29

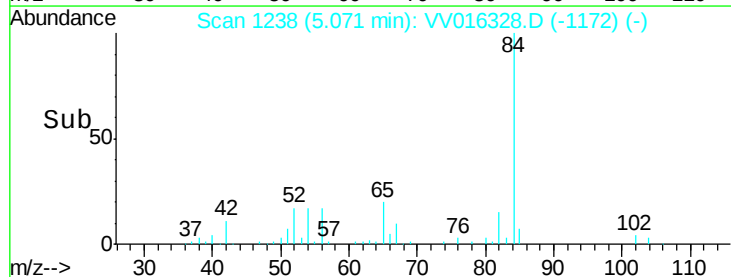
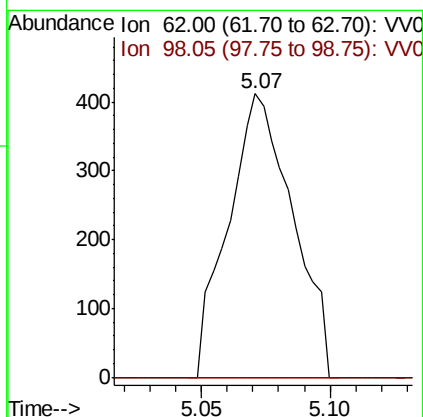
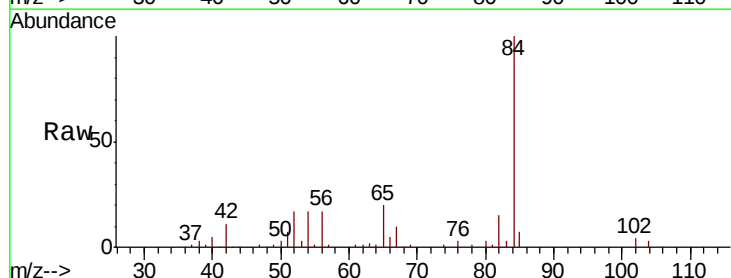
Instrument :
MSVOA_V
ClientSampled :

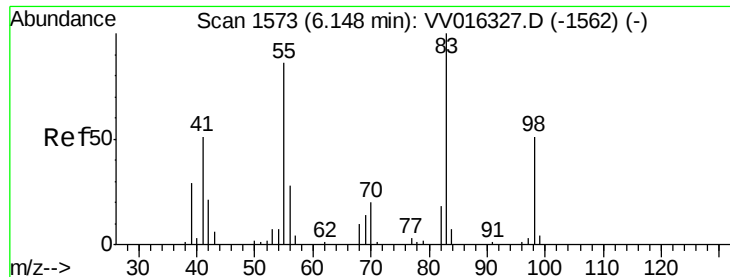
Tot Ion: 84 Resp: 839
Ion Ratio Lower Upper
84 100
86 52.1 44.9 83.5
49 118.9 96.7 179.7



#27
1,2-Dichloroethane
Concen: 0.091 ug/L
RT: 5.07 min Scan# 1238
Delta R.T. -0.09 min
Lab File: VV016328.D
Acq: 29 May 2020 22:29

Tgt Ion: 62 Resp: 717
Ion Ratio Lower Upper
62 100
98 0.0 5.7 8.5#

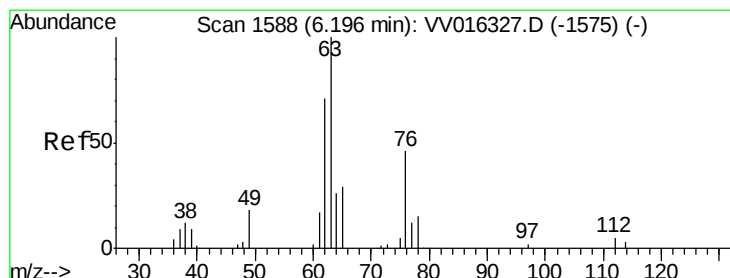
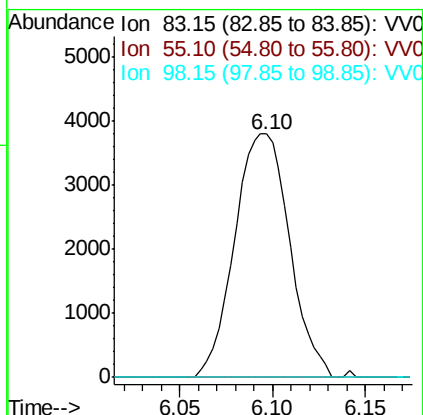
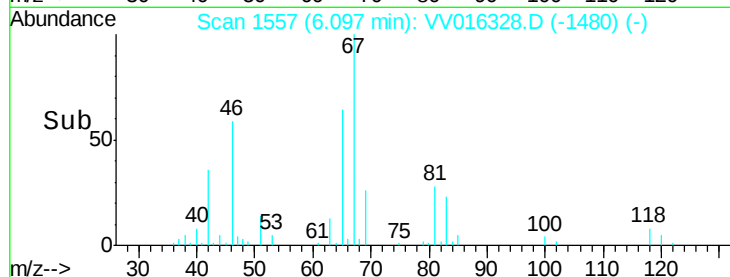
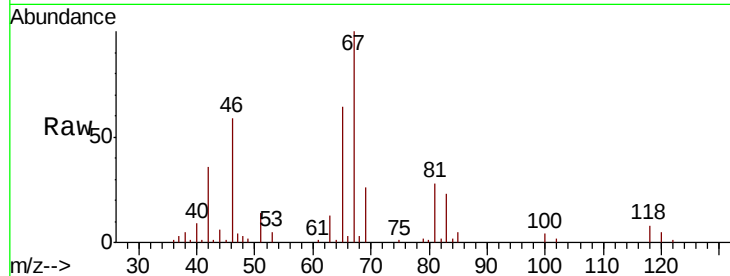




#35
Methvlcvclohexane
Concen: 0.694 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV016328.D
Acq: 29 May 2020 22:29

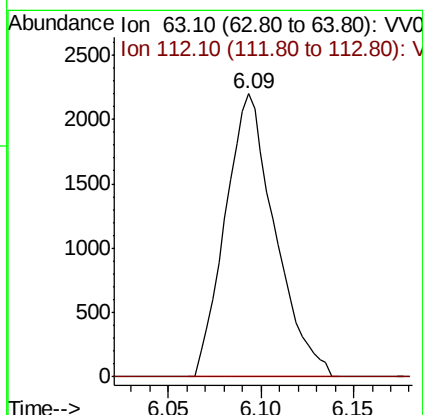
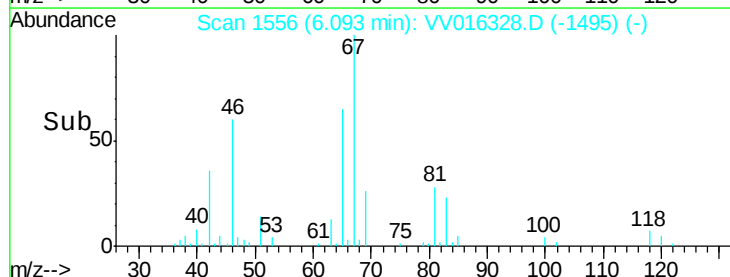
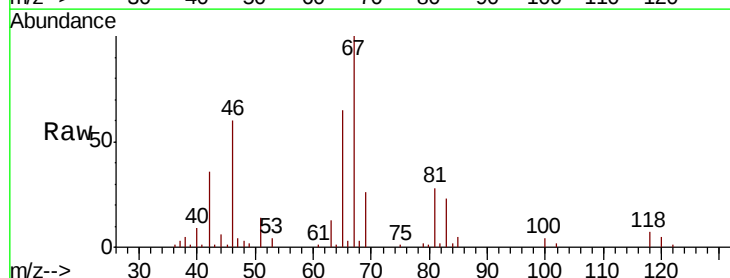
Instrument :
MSVOA_V
ClientSampleId :

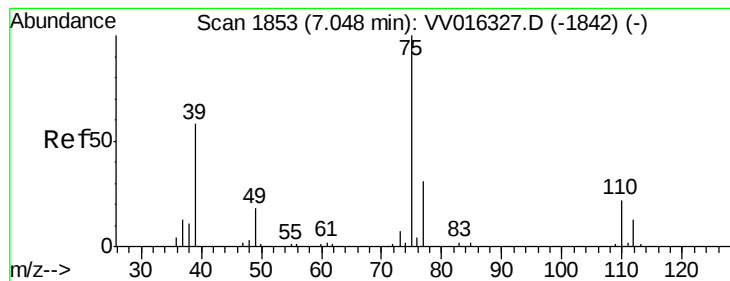
Tot Ion: 83 Resp: 7795
Ion Ratio Lower Upper
83 100
55 0.0 65.4 98.0#
98 0.0 39.3 58.9#



#37
1,2-Dichloropropane
Concen: 0.652 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV016328.D
Acq: 29 May 2020 22:29

Tgt Ion: 63 Resp: 4092
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#



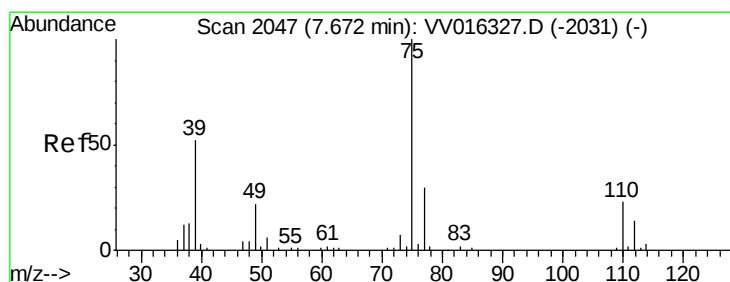
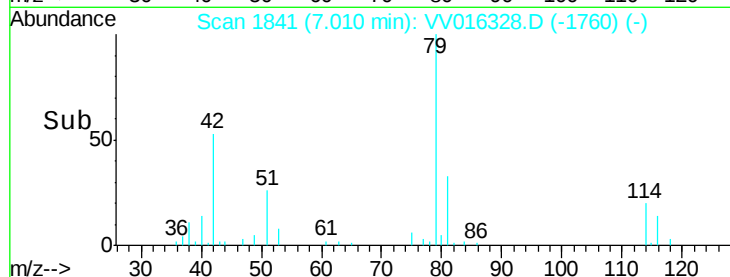
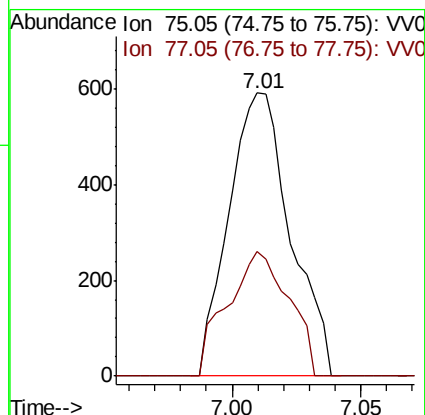
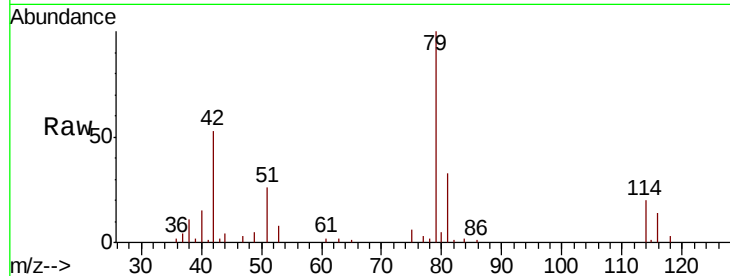


#39

cis-1,3-Dichloropropene
 Concen: 0.111 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV016328.D
 Acq: 29 May 2020 22:29

Instrument :
 MSVOA_V
 ClientSampleId :

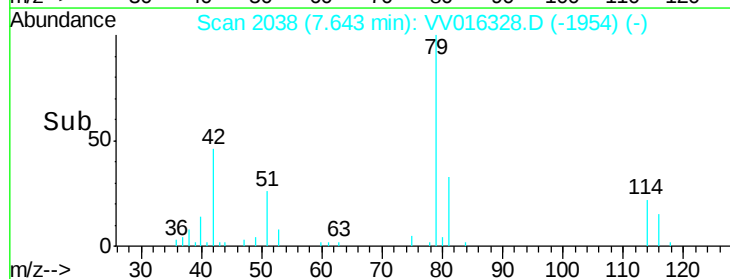
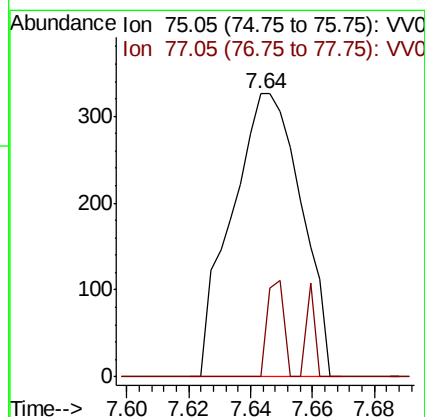
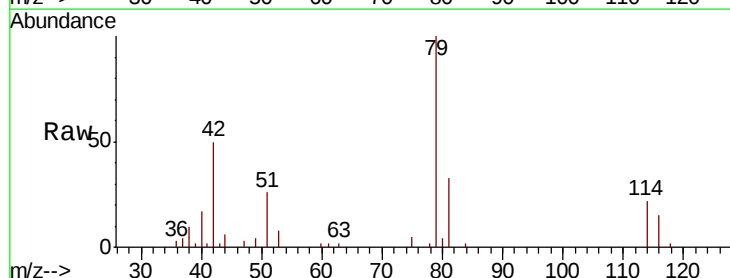
Tot Ion: 75 Resp: 987
 Ion Ratio Lower Upper
 75 100
 77 43.9 21.7 40.3#

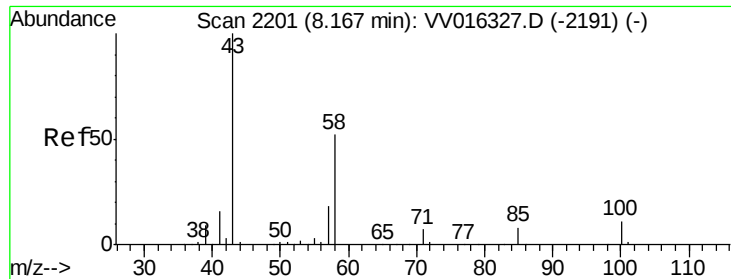


#46

trans-1,3-Dichloropropene
 Concen: 0.069 ug/L
 RT: 7.64 min Scan# 2038
 Delta R.T. -0.03 min
 Lab File: VV016328.D
 Acq: 29 May 2020 22:29

Tgt Ion: 75 Resp: 508
 Ion Ratio Lower Upper
 75 100
 77 0.0 21.7 40.3#

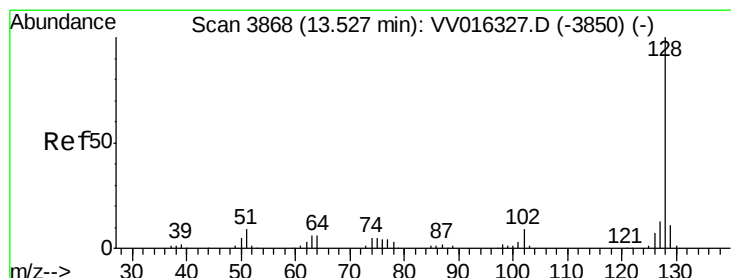
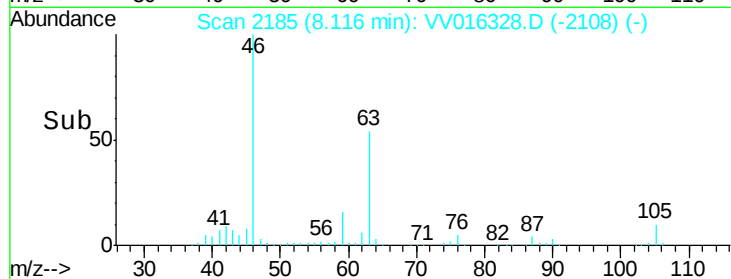
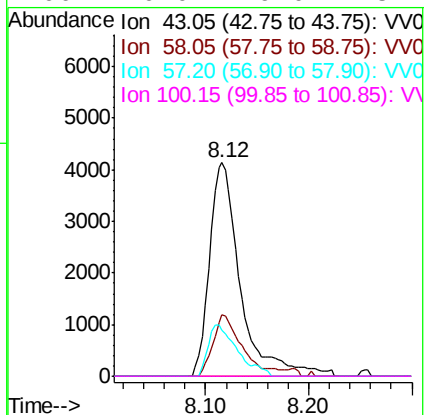
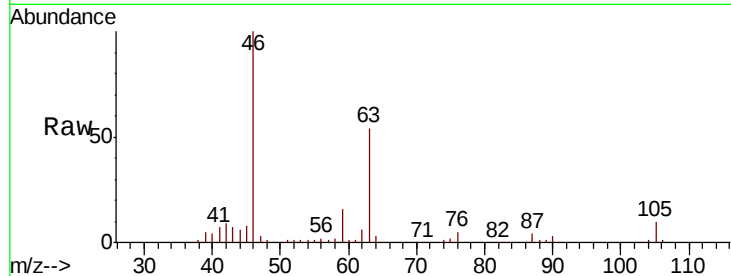




#50
2-Hexanone
Concen: 3.158 ug/L
RT: 8.12 min Scan# 2185
Delta R.T. -0.05 min
Lab File: VV016328.D
Acq: 29 May 2020 22:29

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:	43	Resp:	8596
Ion	Ratio	Lower	Upper
43	100		
58	25.8	41.4	62.0#
57	22.7	15.0	22.4#
100	0.0	9.0	13.4#



#70
Naphthalene
Concen: 0.708 ug/L
RT: 13.53 min Scan# 3869
Delta R.T. 0.00 min
Lab File: VV016328.D
Acq: 29 May 2020 22:29

Tgt Ion:	128	Resp:	11282
Ion	Ratio	Lower	Upper
128	100		
129	10.2	8.6	13.0
127	14.0	10.6	15.8

