

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV041620\
 Data File : VV015533.D
 Acq On : 16 Apr 2020 13:51
 Operator : SY/MD
 Sample : L2320-10
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 17 00:49:13 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	109375	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	102505	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	50745	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	26015	4.58	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.60%
7) Chloroethane-d5	1.57	69	24590	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.20%
11) 1,1-Dichloroethene-d2	2.12	63	38557	3.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.60%
20) 2-Butanone-d5	3.95	46	71421	44.82	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.64%
24) Chloroform-d	4.37	84	54123	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.20%
26) 1,2-Dichloroethane-d4	5.06	65	30545	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
32) Benzene-d6	5.07	84	107622	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
36) 1,2-Dichloropropane-d6	6.09	67	33515	4.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.60%
41) Toluene-d8	7.33	98	95795	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.20%
43) trans-1,3-Dichloropropene-	7.64	79	13138	4.26	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.20%
46) 2-Hexanone-d5	8.11	63	56413	37.97	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.94%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	20769	3.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	73.80%
64) 1,2-Dichlorobenzene-d4	11.65	152	36112	4.43	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.60%

Target Compounds

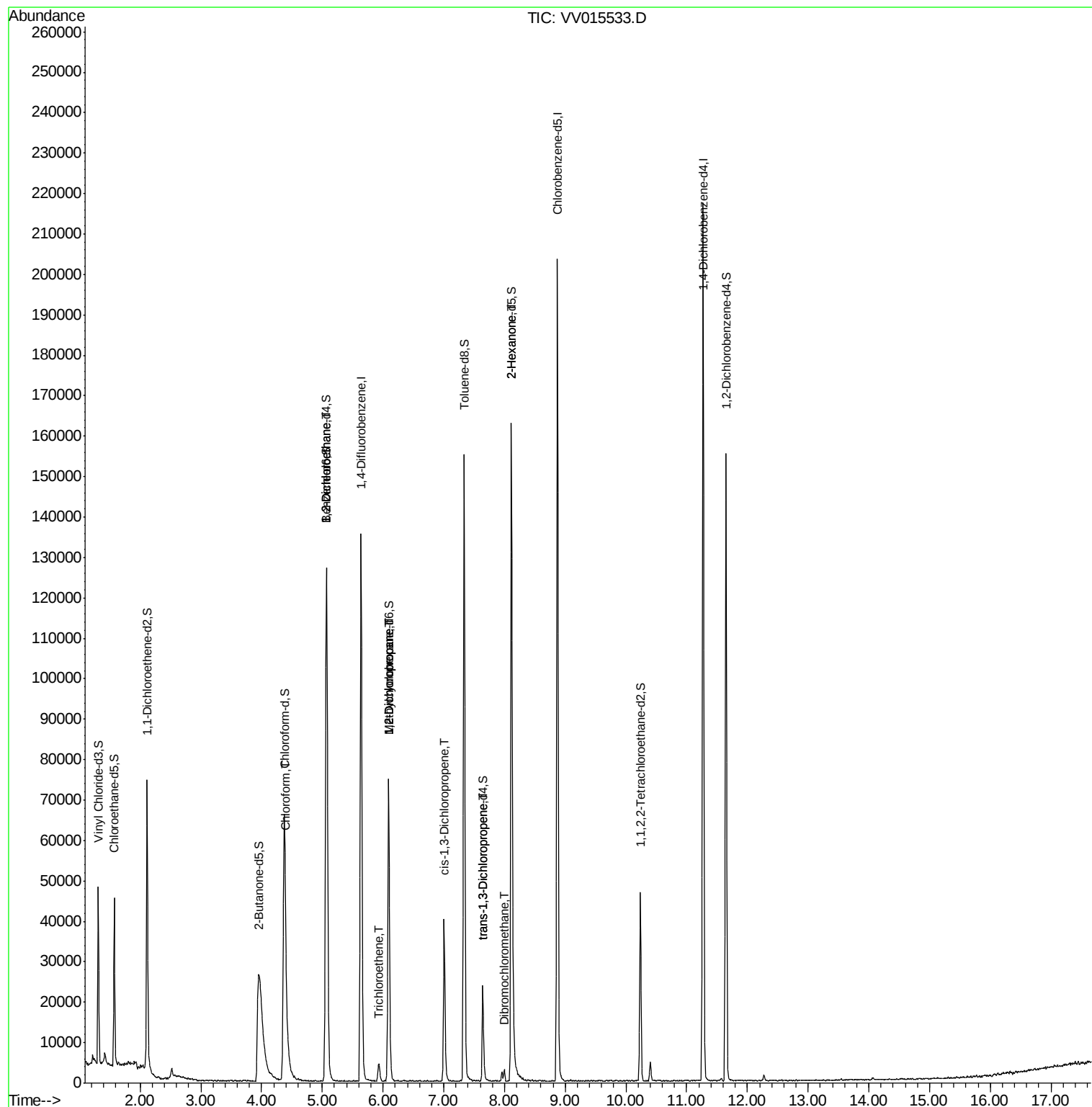
					Ovalue
25) Chloroform	4.40	83	1957	0.131 ug/L	87
27) 1,2-Dichloroethane	5.07	62	695	0.072 ug/L #	77
34) Trichloroethene	5.94	95	831	0.101 ug/L	93
35) Methylcyclohexane	6.09	83	8408	0.604 ug/L #	16
37) 1,2-Dichloropropane	6.09	63	4135	0.543 ug/L #	86
39) cis-1,3-Dichloropropene	7.01	75	1161	0.099 ug/L #	82
44) trans-1,3-Dichloropropene	7.64	75	660	0.067 ug/L	91
48) 2-Hexanone	8.12	43	8723	2.499 ug/L #	81
49) Dibromochloromethane	7.99	129	634	0.103 ug/L #	10

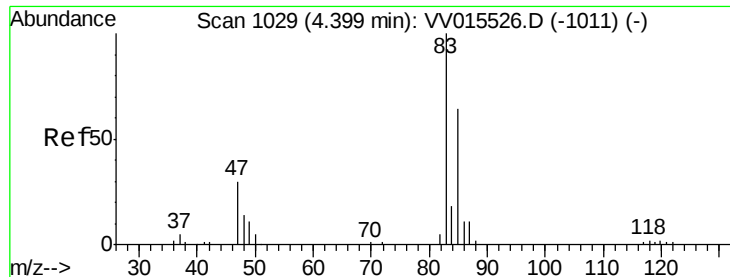
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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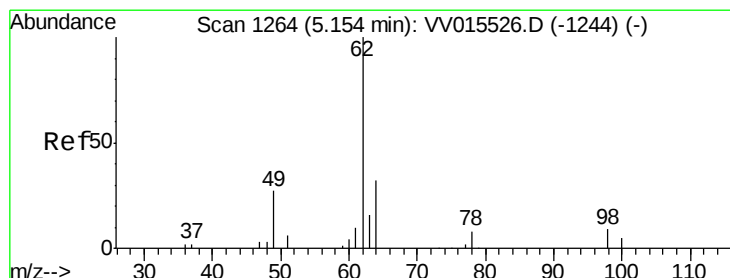
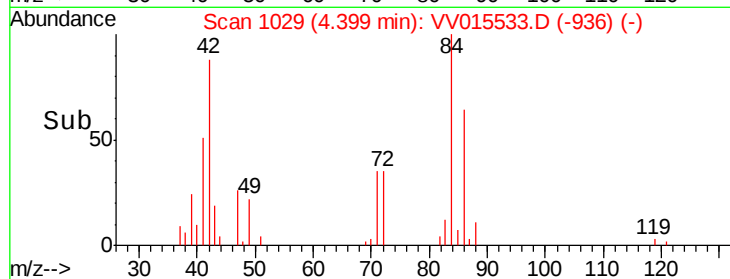
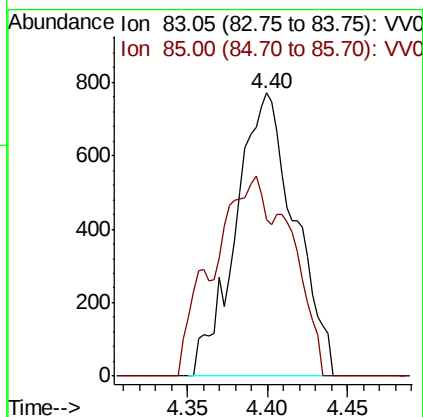
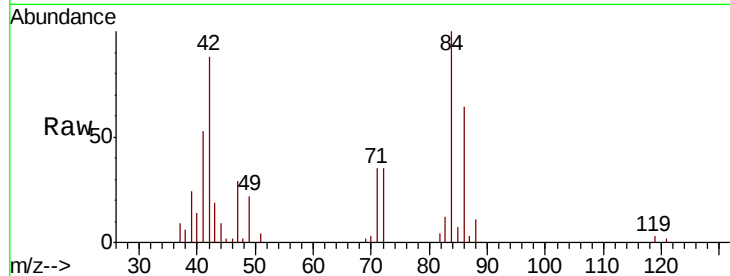




#25
Chloroform
Concen: 0.131 ug/L
RT: 4.40 min Scan# 1029
Delta R.T. 0.00 min
Lab File: VV015533.D
Acq: 16 Apr 2020 13:51

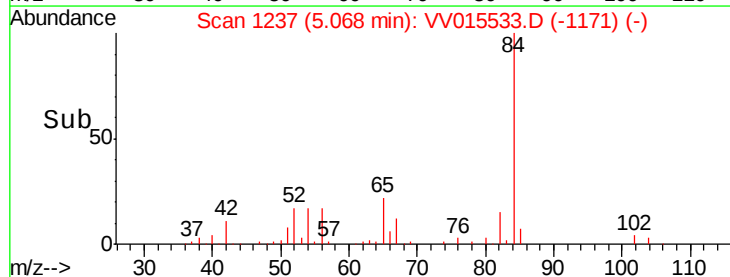
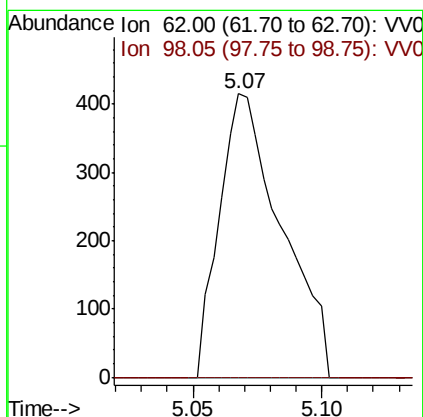
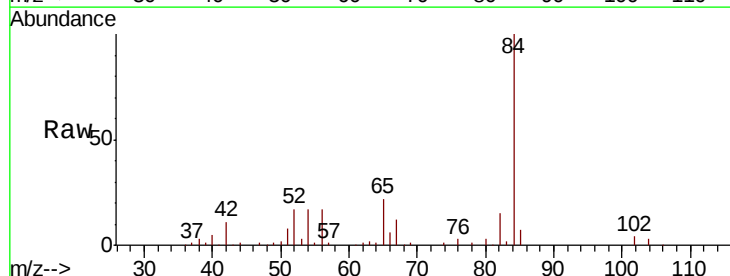
Instrument :
MSVOA_V
ClientSampleId :

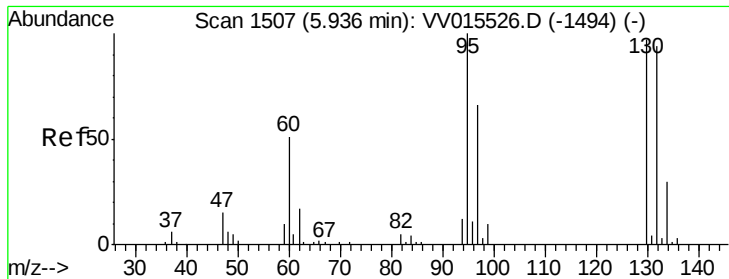
Tot Ion: 83 Resp: 1957
Ion Ratio Lower Upper
83 100
85 55.3 45.9 85.3



#27
1,2-Dichloroethane
Concen: 0.072 ug/L
RT: 5.07 min Scan# 1237
Delta R.T. -0.09 min
Lab File: VV015533.D
Acq: 16 Apr 2020 13:51

Tgt Ion: 62 Resp: 695
Ion Ratio Lower Upper
62 100
98 0.0 6.6 10.0#

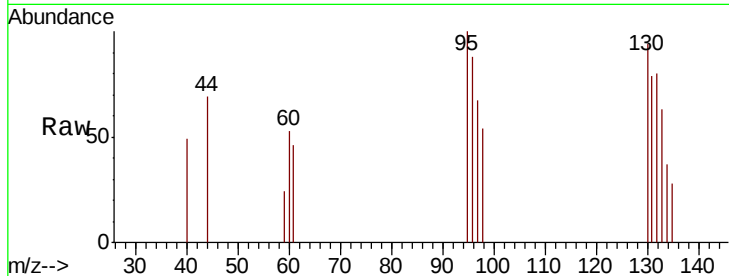




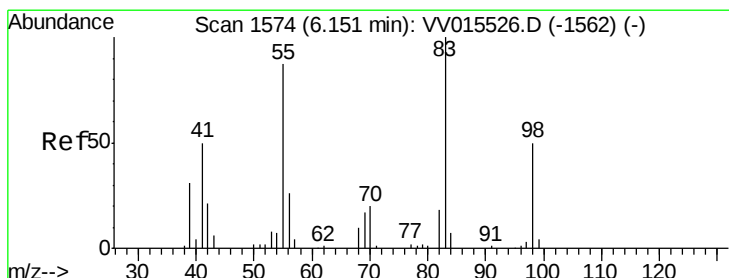
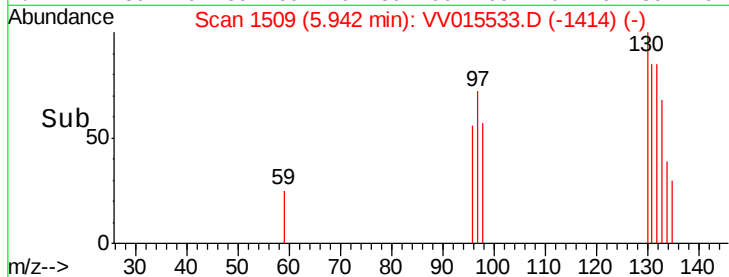
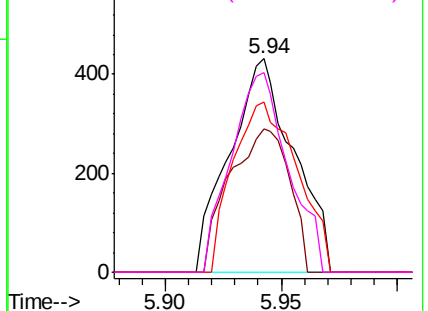
#34
 Trichloroethene
 Concen: 0.101 ug/L
 RT: 5.94 min Scan# 1509
 Delta R.T. 0.01 min
 Lab File: VV015533.D
 Acq: 16 Apr 2020 13:51

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 95 Resp: 831
 Ion Ratio Lower Upper
 95 100
 97 67.4 45.4 84.4
 132 79.6 64.8 120.4
 130 93.5 67.4 125.2

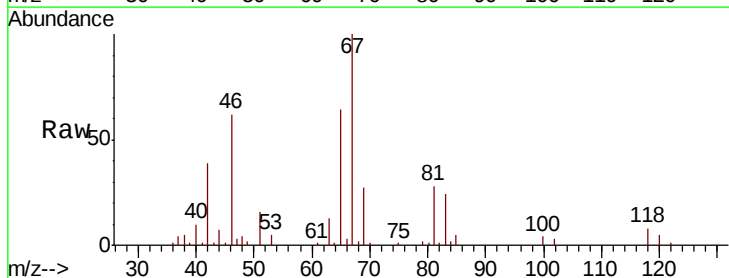


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 96.95 (96.65 to 97.65): VV0
 Ion 131.95 (131.65 to 132.65): VV0
 Ion 129.95 (129.65 to 130.65): VV0

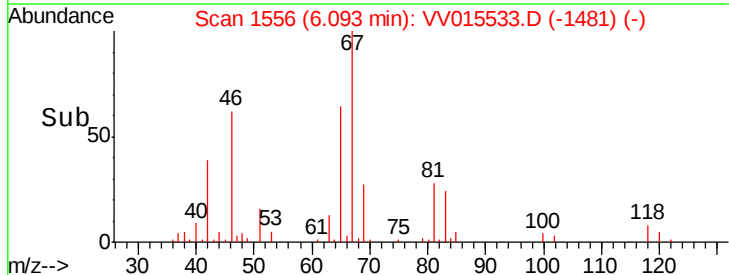
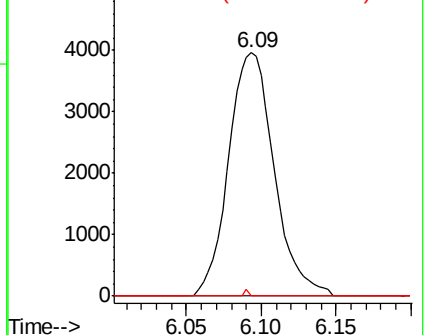


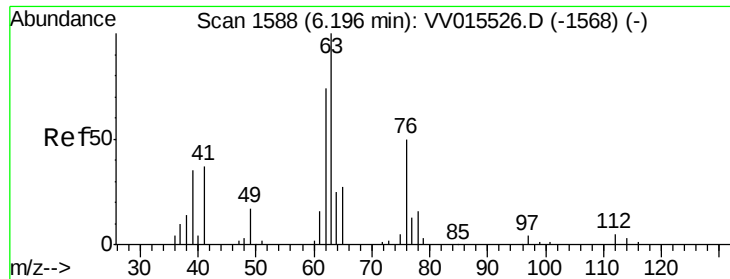
#35
 Methylcyclohexane
 Concen: 0.604 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.06 min
 Lab File: VV015533.D
 Acq: 16 Apr 2020 13:51

Tgt Ion: 83 Resp: 8408
 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

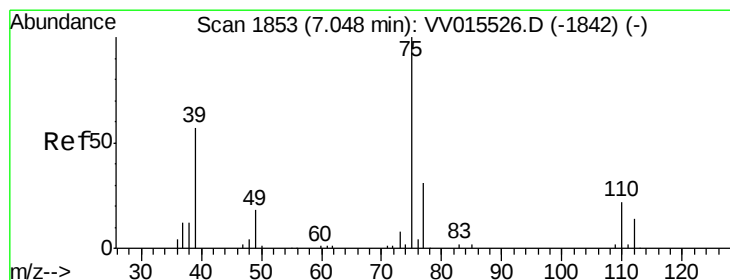
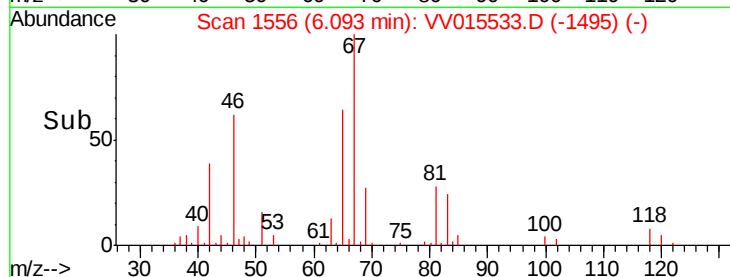
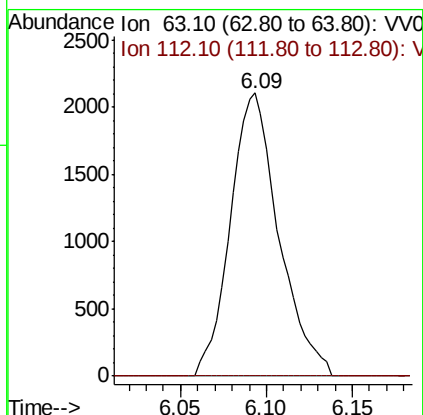
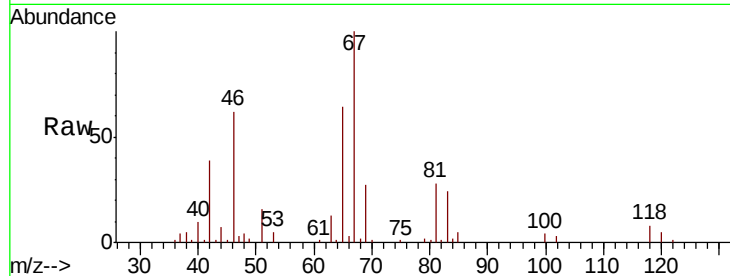




#37
 1,2-Dichloropropane
 Concen: 0.543 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV015533.D
 Acq: 16 Apr 2020 13:51

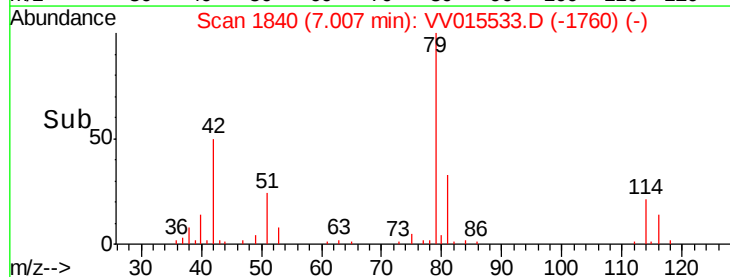
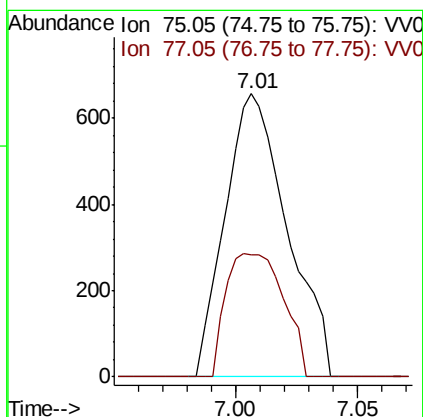
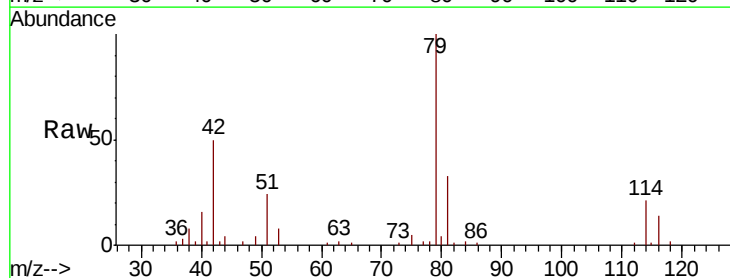
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 MSVOA_V
 ClientSampleId :

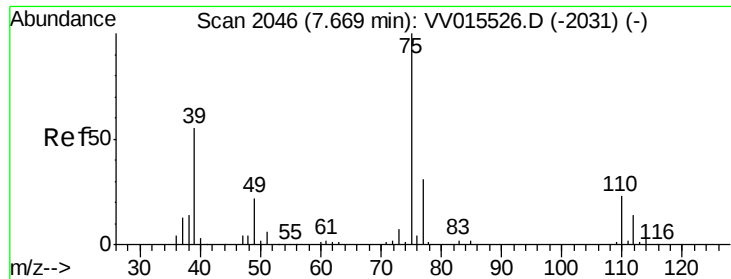
Tot Ion: 63 Resp: 4135
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.099 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV015533.D
 Acq: 16 Apr 2020 13:51

Tgt Ion: 75 Resp: 1161
 Ion Ratio Lower Upper
 75 100
 77 43.2 23.0 42.6#

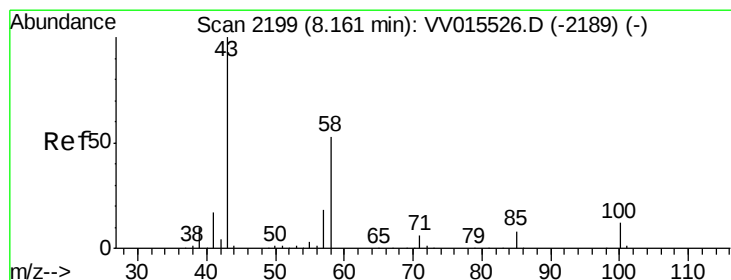
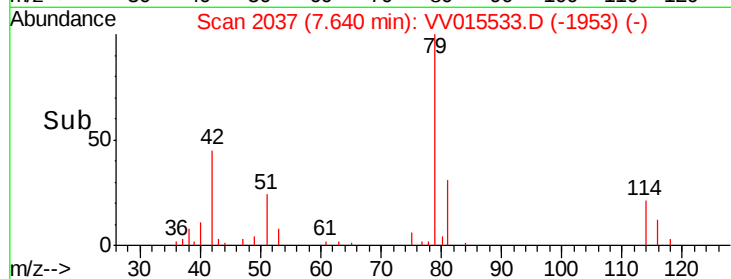
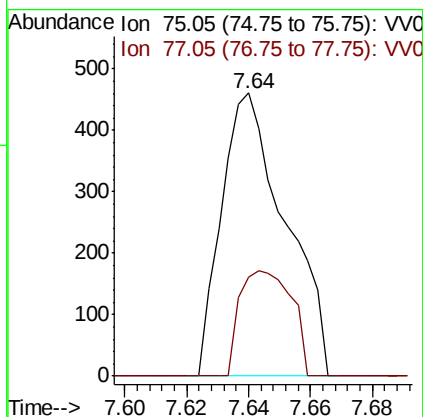
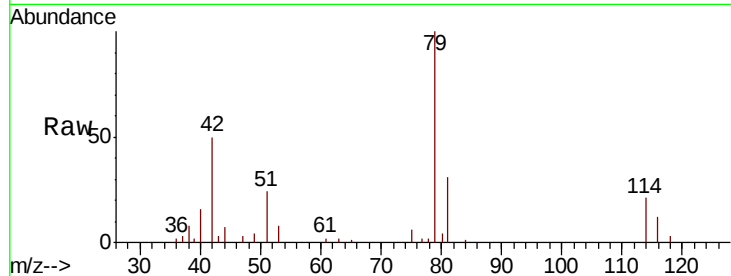




#44
trans-1,3-Dichloropropene
Concen: 0.067 ug/L
RT: 7.64 min Scan# 2037
Delta R.T. -0.03 min
Lab File: VV015533.D
Acq: 16 Apr 2020 13:51

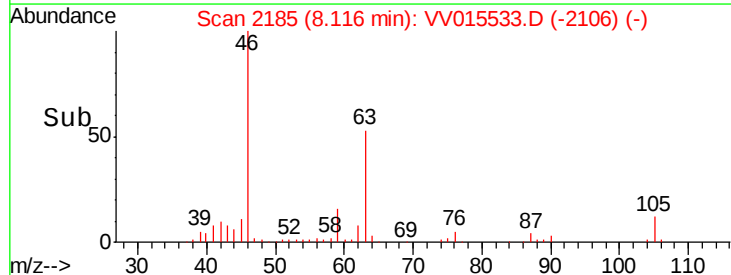
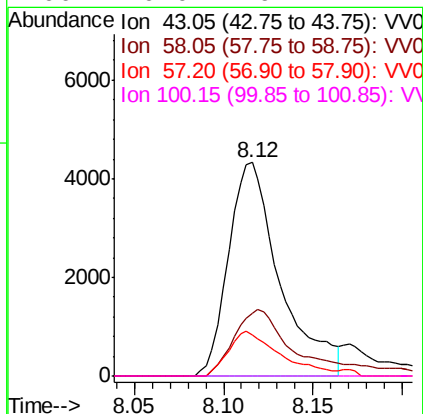
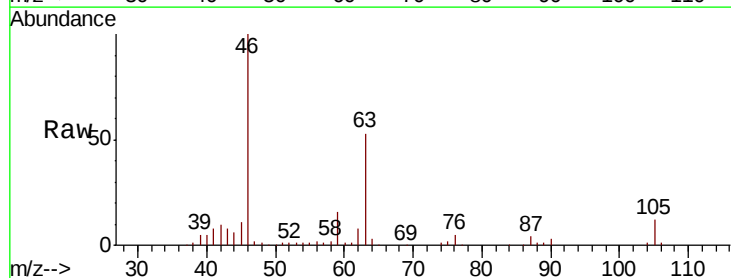
Instrument :
MSVOA_V
ClientSampled :

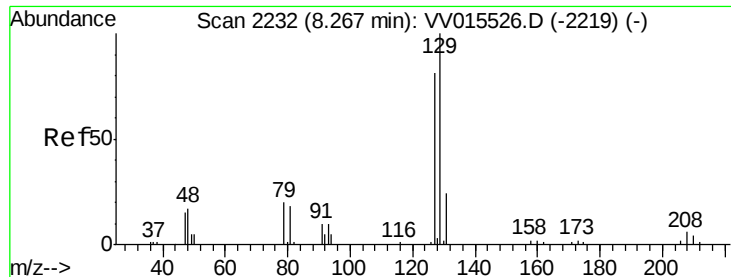
Tot Ion: 75 Resp: 660
Ion Ratio Lower Upper
75 100
77 34.9 21.0 39.0



#48
2-Hexanone
Concen: 2.499 ug/L
RT: 8.12 min Scan# 2185
Delta R.T. -0.04 min
Lab File: VV015533.D
Acq: 16 Apr 2020 13:51

Tgt Ion: 43 Resp: 8723
Ion Ratio Lower Upper
43 100
58 37.0 41.4 62.0#
57 21.0 15.0 22.4
100 0.0 9.4 14.2#





#49

Dibromochloromethane

Concen: 0.103 ug/L

RT: 7.99 min Scan# 2146

Delta R.T. -0.28 min

Lab File: VV015533.D

Acq: 16 Apr 2020 13:51

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:129 Resp: 634

Ion Ratio Lower Upper

129 100

127 0.0 54.7 101.7#

