

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV041520\
 Data File : VV015518.D
 Acq On : 15 Apr 2020 19:04
 Operator : SY/MD
 Sample : L2274-09
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 16 00:45:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 16 00:42:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	107226	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	99075	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	48828	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	28703	5.16	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.20%
7) Chloroethane-d5	1.58	69	26531	5.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.60%
11) 1,1-Dichloroethene-d2	2.12	63	41087	3.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.20%
20) 2-Butanone-d5	3.93	46	79167	50.68	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.36%
24) Chloroform-d	4.38	84	57458	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
26) 1,2-Dichloroethane-d4	5.06	65	32585	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
32) Benzene-d6	5.08	84	113950	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.60%
36) 1,2-Dichloropropane-d6	6.09	67	36057	5.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.40%
41) Toluene-d8	7.34	98	104858	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.00%
43) trans-1,3-Dichloropropene-	7.64	79	13903	4.67	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.40%
46) 2-Hexanone-d5	8.11	63	60238	41.95	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.90%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	24043	4.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.60%
64) 1,2-Dichlorobenzene-d4	11.65	152	38343	4.89	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.80%

Target Compounds

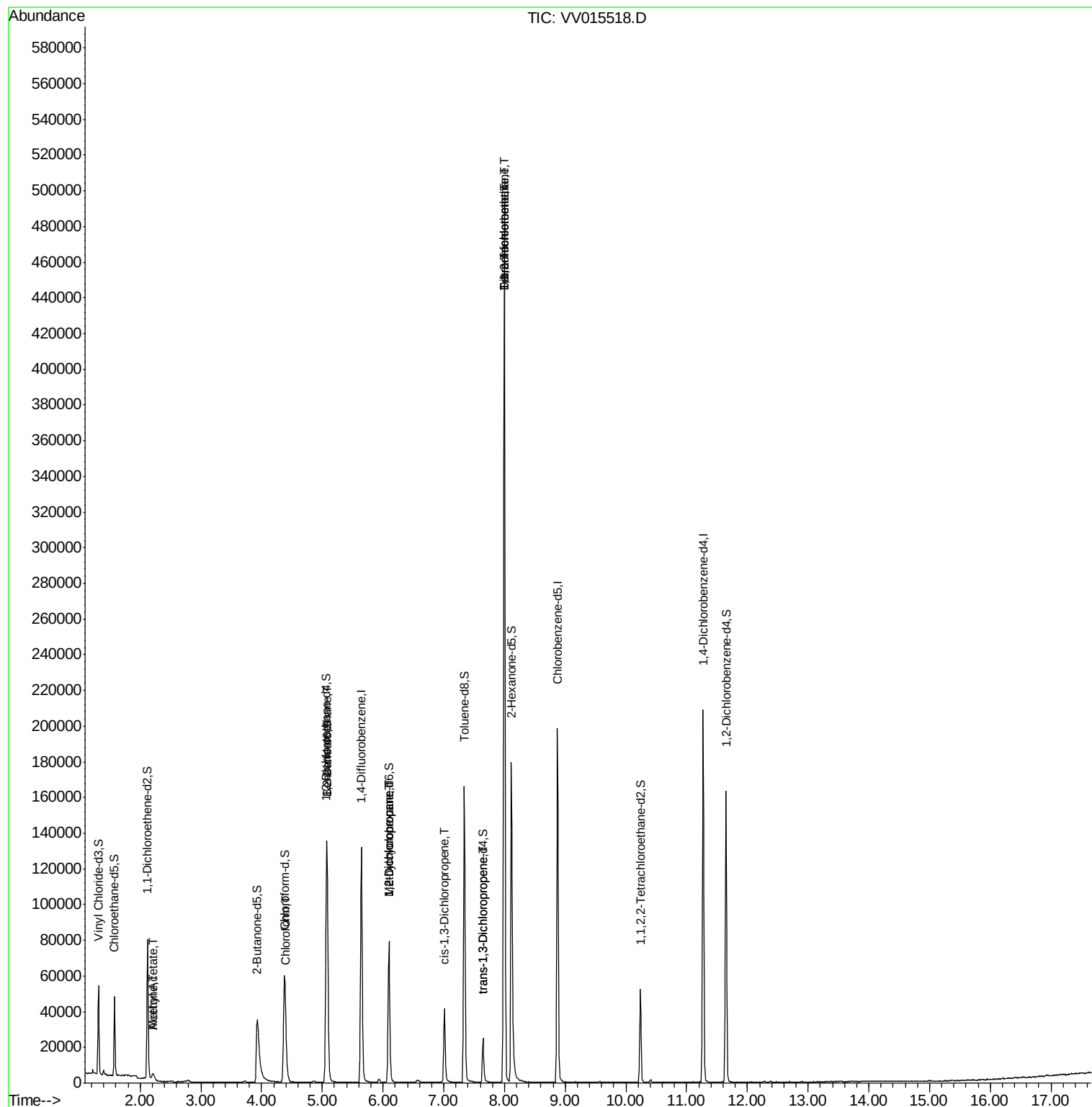
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.21	43	8317	7.536	ug/L	73
15) Methyl Acetate	2.21	43	7738	2.370	ug/L #	57
25) Chloroform	4.41	83	8776	0.600	ug/L	96
27) 1,2-Dichloroethane	5.07	62	806	0.085	ug/L #	77
35) Methylcyclohexane	6.10	83	8795	0.654	ug/L #	16
37) 1,2-Dichloropropane	6.10	63	4284	0.582	ug/L #	86
39) cis-1,3-Dichloropropene	7.01	75	1045	0.093	ug/L #	78
44) trans-1,3-Dichloropropene	7.64	75	620	0.065	ug/L	94
45) 1,1,2-Trichloroethane	7.99	97	1021	0.207	ug/L #	23
47) Tetrachloroethene	8.00	164	99819	16.880	ug/L	99
49) Dibromochloromethane	8.00	129	96807	16.347	ug/L #	10

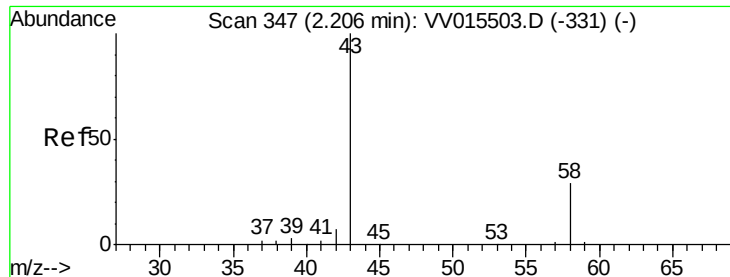
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 7.536 ug/L

RT: 2.21 min Scan# 348

Delta R.T. 0.00 min

Lab File: VV015518.D

Acq: 15 Apr 2020 19:04

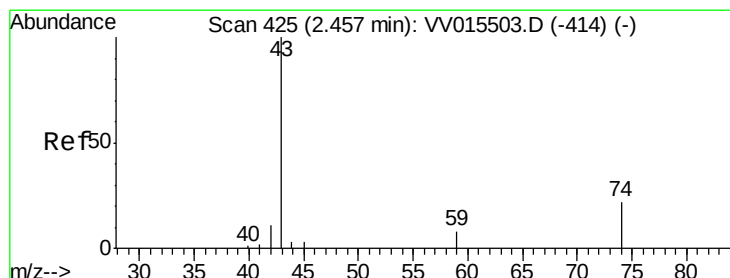
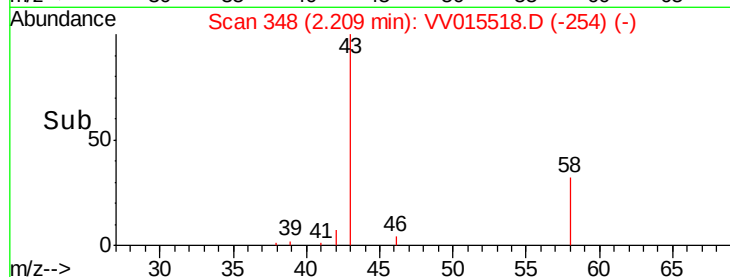
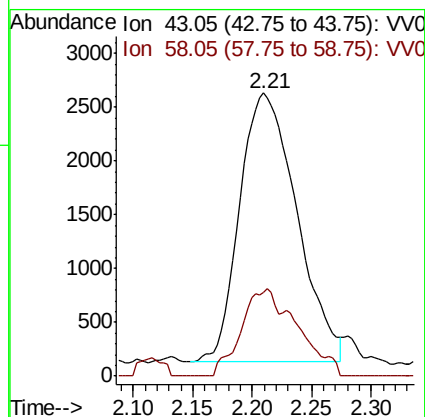
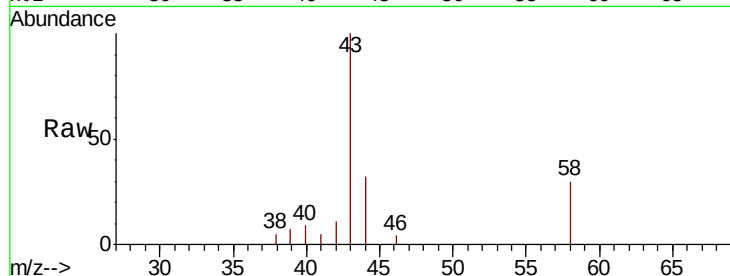
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 8317

Ion Ratio Lower Upper

43 100

58 21.3 0.0 22.2



#15

Methyl Acetate

Concen: 2.370 ug/L

RT: 2.21 min Scan# 348

Delta R.T. -0.25 min

Lab File: VV015518.D

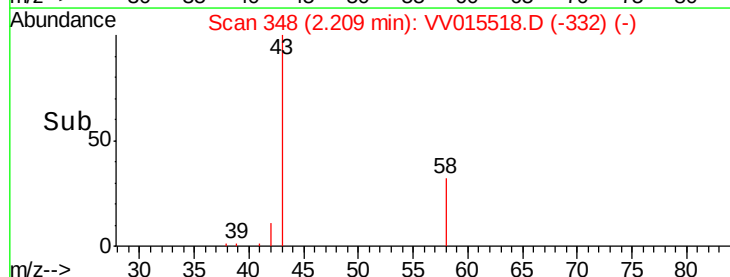
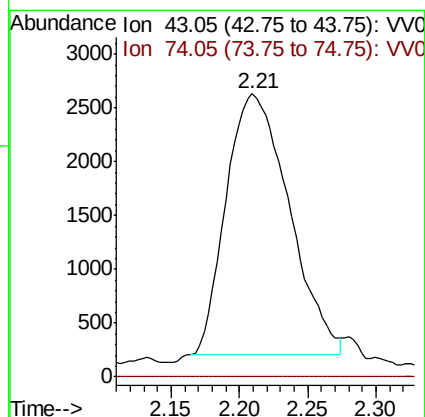
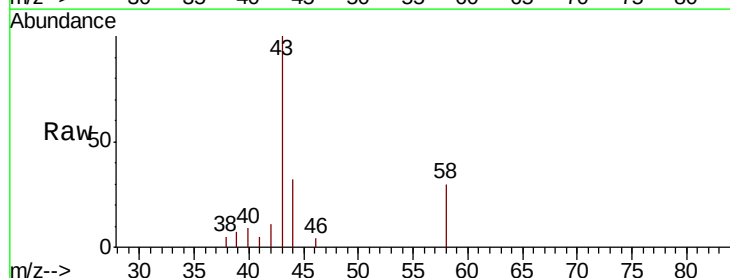
Acq: 15 Apr 2020 19:04

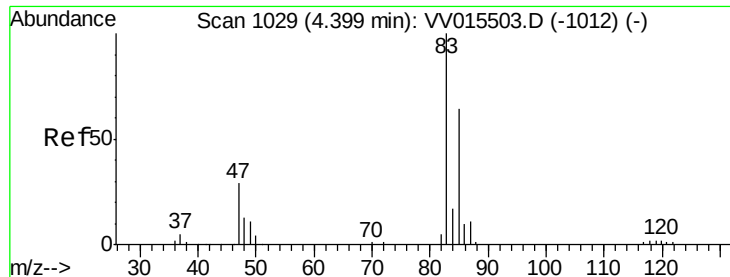
Tgt Ion: 43 Resp: 7738

Ion Ratio Lower Upper

43 100

74 0.0 15.4 23.2#

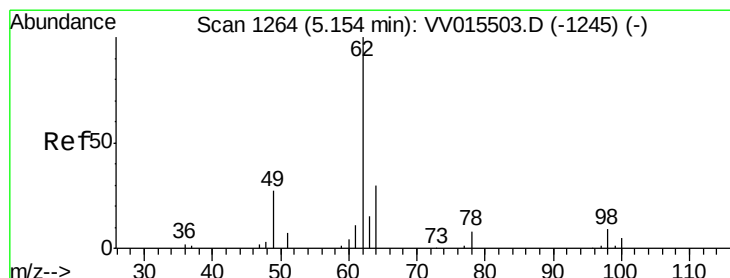
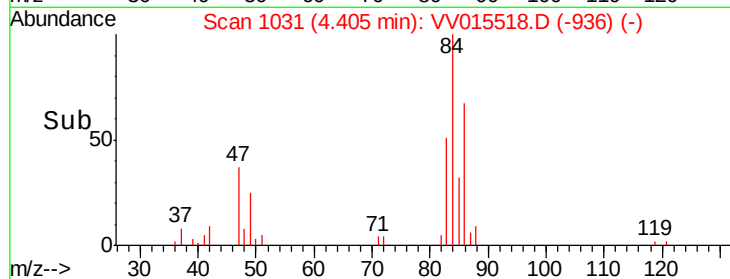
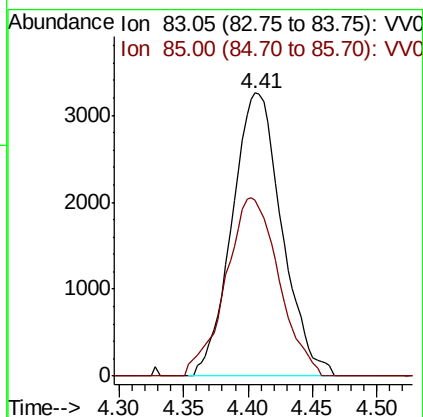
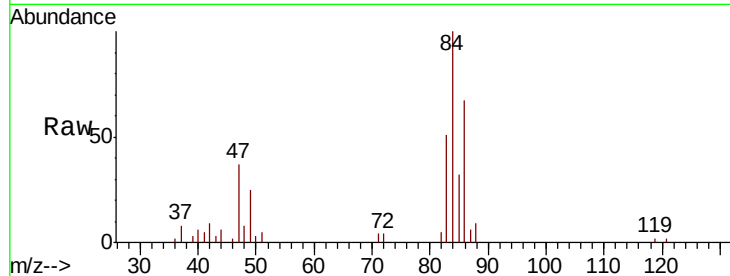




#25
Chloroform
Concen: 0.600 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VV015518.D
Acq: 15 Apr 2020 19:04

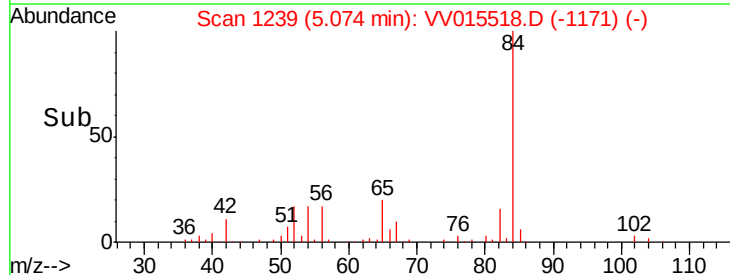
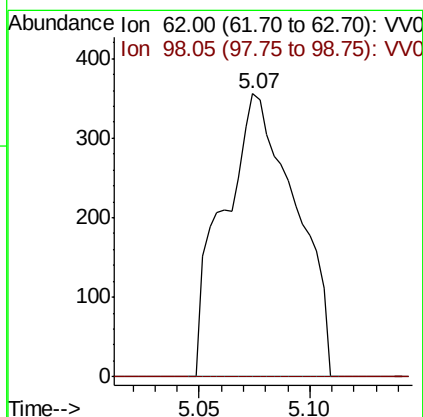
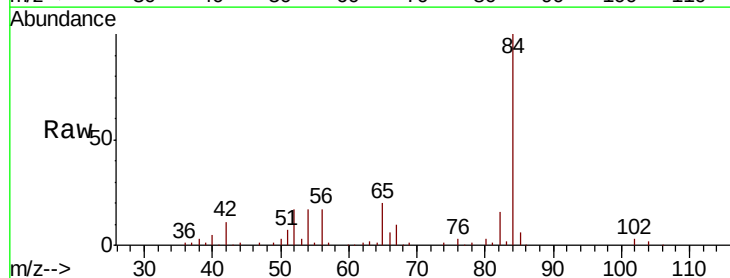
Instrument :
MSVOA_V
ClientSampleId :

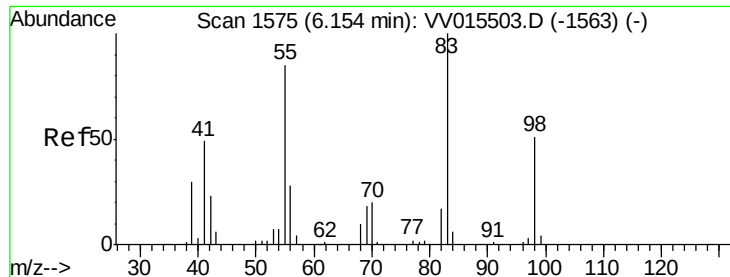
Tot Ion: 83 Resp: 8776
Ion Ratio Lower Upper
83 100
85 62.0 45.9 85.3



#27
1,2-Dichloroethane
Concen: 0.085 ug/L
RT: 5.07 min Scan# 1239
Delta R.T. -0.08 min
Lab File: VV015518.D
Acq: 15 Apr 2020 19:04

Tgt Ion: 62 Resp: 806
Ion Ratio Lower Upper
62 100
98 0.0 6.6 10.0#

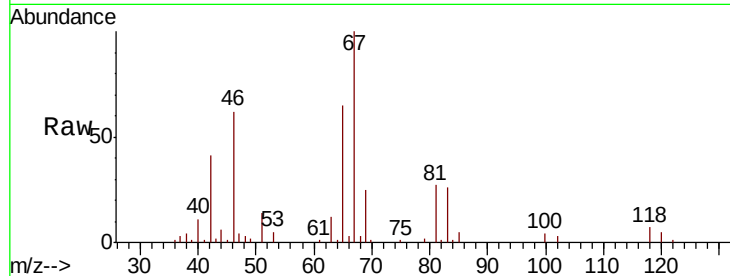




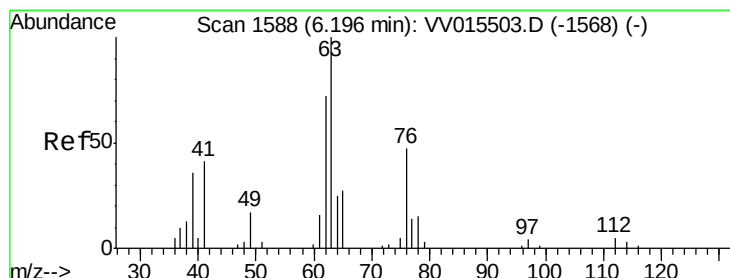
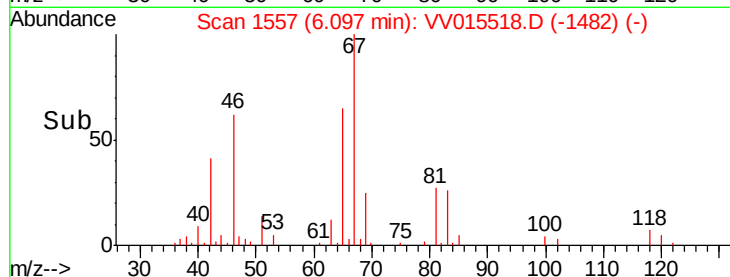
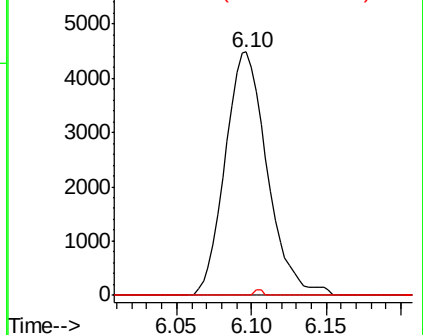
#35
Methylvlcyclohexane
Concen: 0.654 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.06 min
Lab File: VV015518.D
Acq: 15 Apr 2020 19:04

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 8795
Ion Ratio Lower Upper
83 100
55 0.0 66.6 99.8#
98 0.5 38.7 58.1#

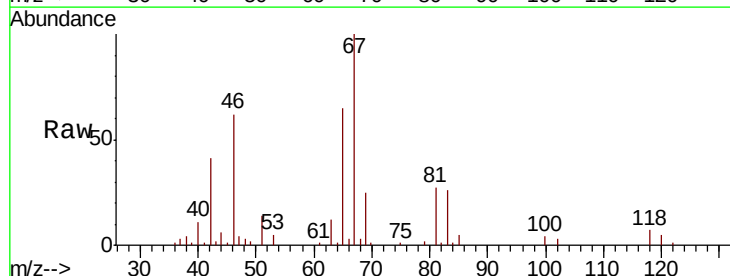


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

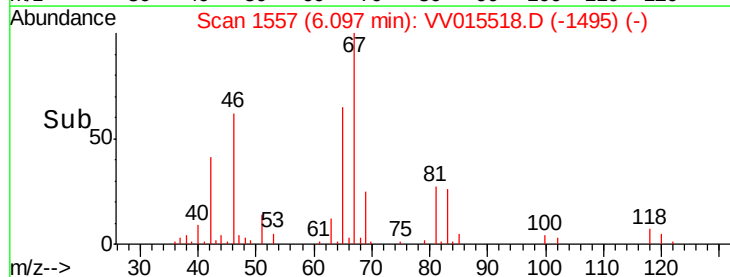
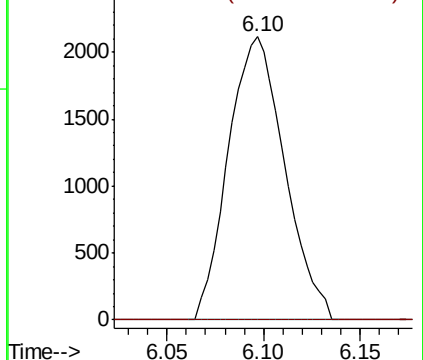


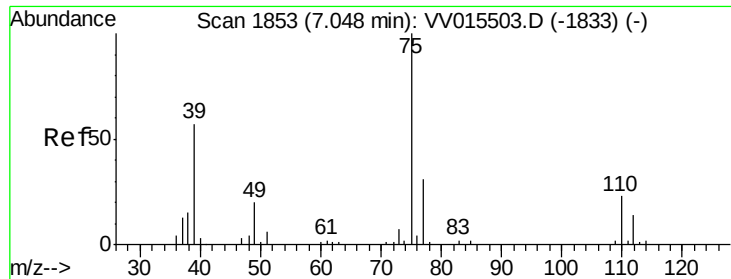
#37
1,2-Dichloropropane
Concen: 0.582 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV015518.D
Acq: 15 Apr 2020 19:04

Tgt Ion: 63 Resp: 4284
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#



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

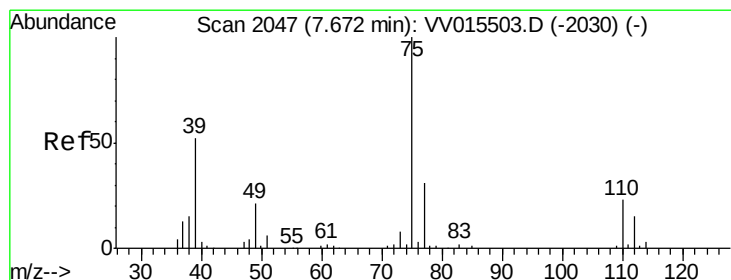
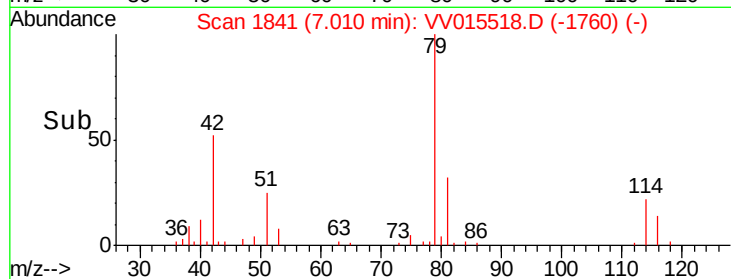
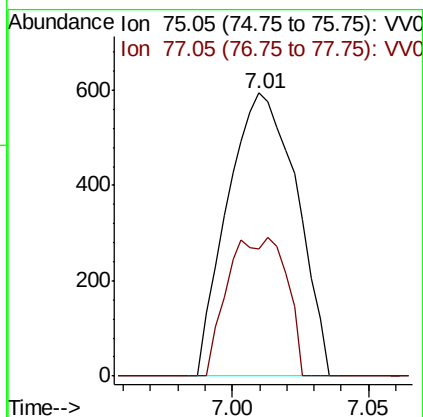
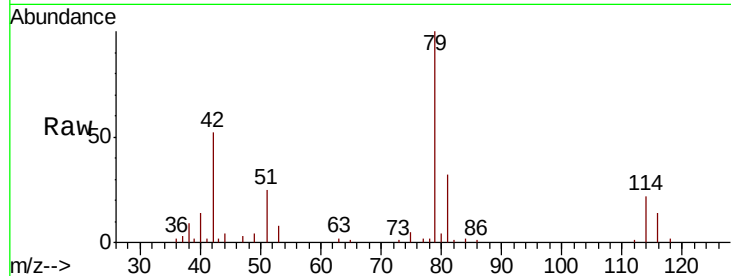




#39
 cis-1,3-Dichloropropene
 Concen: 0.093 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV015518.D
 Acq: 15 Apr 2020 19:04

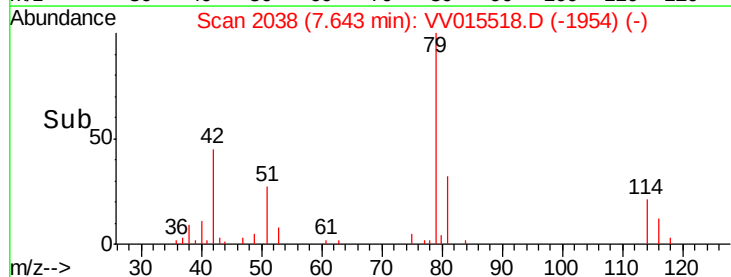
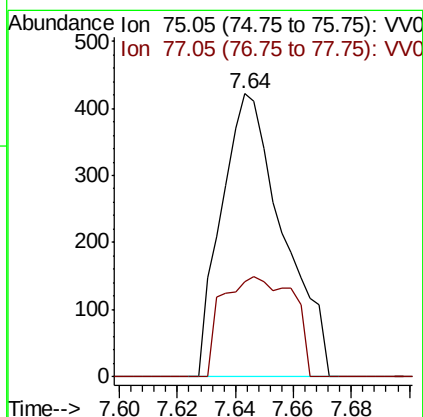
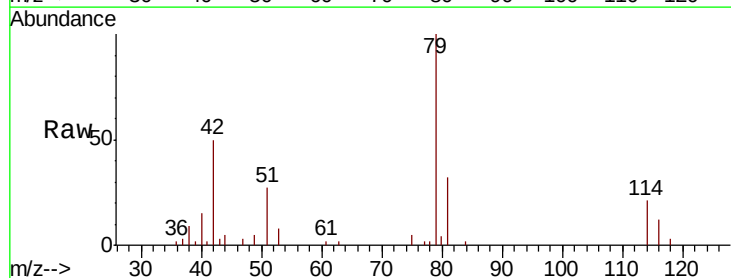
Instrument :
 MSVOA_V
 ClientSampleId :

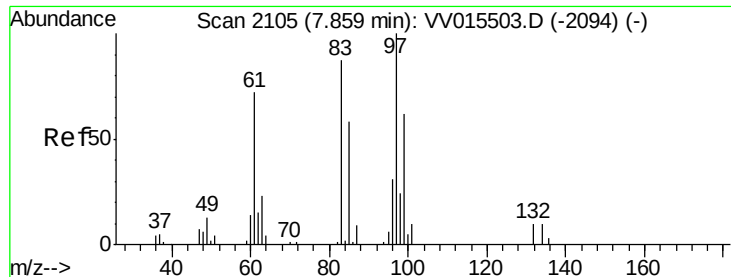
Tot Ion: 75 Resp: 1045
 Ion Ratio Lower Upper
 75 100
 77 44.9 23.0 42.6#



#44
 trans-1,3-Dichloropropene
 Concen: 0.065 ug/L
 RT: 7.64 min Scan# 2038
 Delta R.T. -0.03 min
 Lab File: VV015518.D
 Acq: 15 Apr 2020 19:04

Tgt Ion: 75 Resp: 620
 Ion Ratio Lower Upper
 75 100
 77 33.4 21.0 39.0

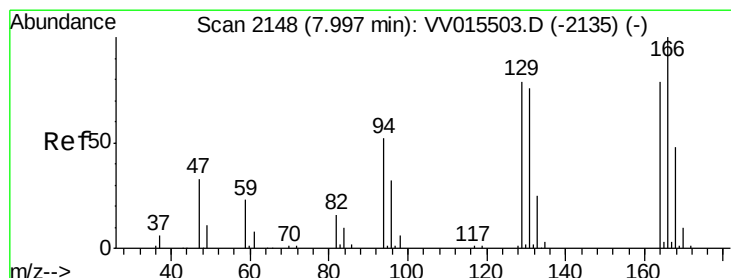
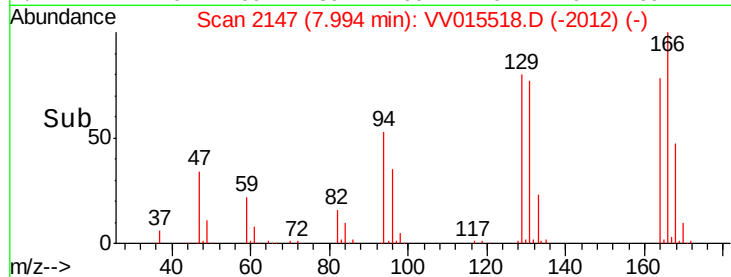
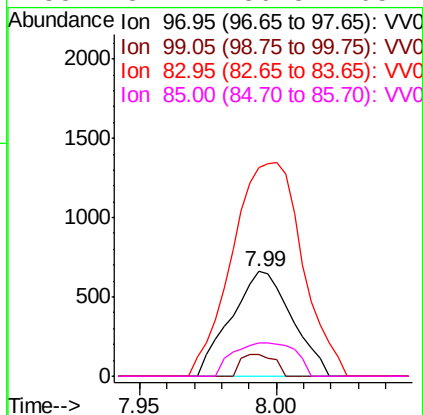
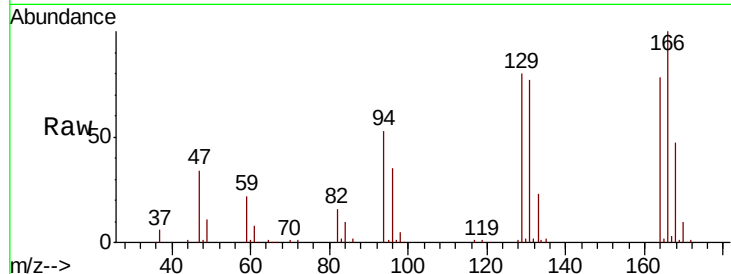




#45
 1,1,2-Trichloroethane
 Concen: 0.207 ug/L
 RT: 7.99 min Scan# 2147
 Delta R.T. 0.14 min
 Lab File: VV015518.D
 Acq: 15 Apr 2020 19:04

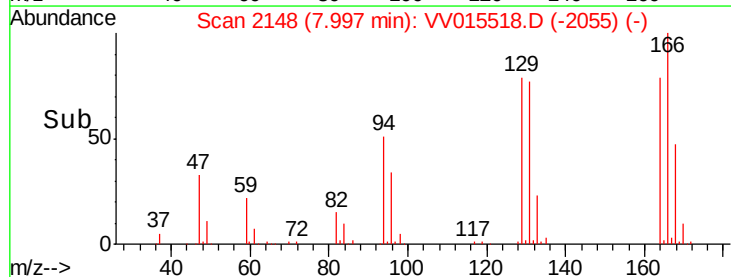
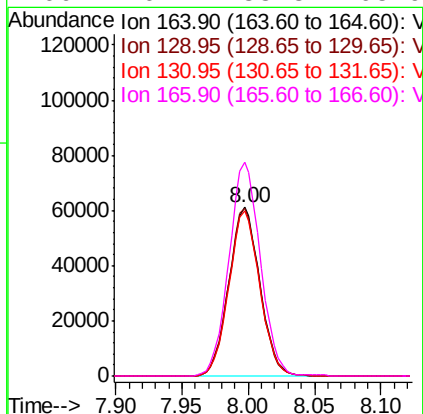
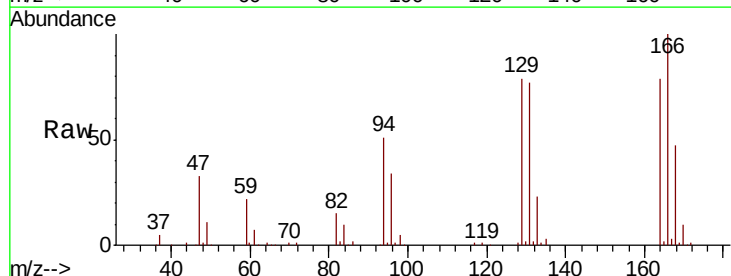
Instrument :
 MSVOA_V
 ClientSampleId :

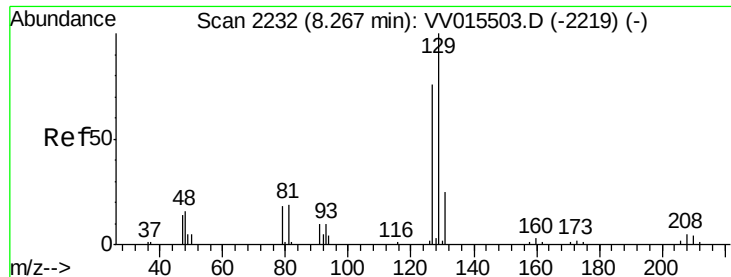
Tot Ion: 97 Resp: 1021
 Ion Ratio Lower Upper
 97 100
 99 20.6 41.3 76.7#
 83 199.1 60.5 112.3#
 85 31.7 36.8 68.4#



#47
 Tetrachloroethene
 Concen: 16.880 ug/L
 RT: 8.00 min Scan# 2148
 Delta R.T. 0.00 min
 Lab File: VV015518.D
 Acq: 15 Apr 2020 19:04

Tgt Ion: 164 Resp: 99819
 Ion Ratio Lower Upper
 164 100
 129 99.6 70.6 131.0
 131 97.7 68.3 126.8
 166 126.7 88.3 163.9





#49

Dibromochloromethane

Concen: 16.347 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.27 min

Lab File: VV015518.D

Acq: 15 Apr 2020 19:04

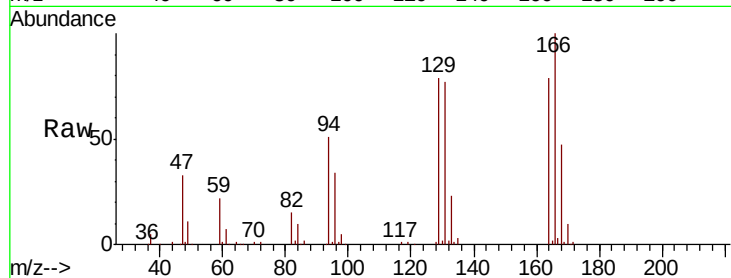
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:129 Resp: 96807

Ion Ratio Lower Upper

129 100

127 0.0 54.7 101.7#



Abundance Ion 128.95 (128.65 to 129.65): V
Ion 126.90 (126.60 to 127.60): V

