

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV041420\
 Data File : VV015492.D
 Acq On : 15 Apr 2020 03:44
 Operator : SY/MD
 Sample : L2274-12
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YAOB0

Quant Time: Apr 15 05:36:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Apr 15 05:31:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	108024	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	101770	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	49856	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	31226	5.57	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	111.40%
7) Chloroethane-d5	1.58	69	27431	5.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.40%
11) 1,1-Dichloroethene-d2	2.12	63	44188	3.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.80%
20) 2-Butanone-d5	3.92	46	76981	48.91	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.82%
24) Chloroform-d	4.38	84	60302	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
26) 1,2-Dichloroethane-d4	5.06	65	33157	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
32) Benzene-d6	5.08	84	117532	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.20%
36) 1,2-Dichloropropane-d6	6.10	67	36113	5.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.80%
41) Toluene-d8	7.34	98	109083	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
43) trans-1,3-Dichloropropene-	7.65	79	13813	4.52	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.40%
46) 2-Hexanone-d5	8.11	63	60839	41.25	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.50%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	25202	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.40%
64) 1,2-Dichlorobenzene-d4	11.65	152	40621	5.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.60%

Target Compounds

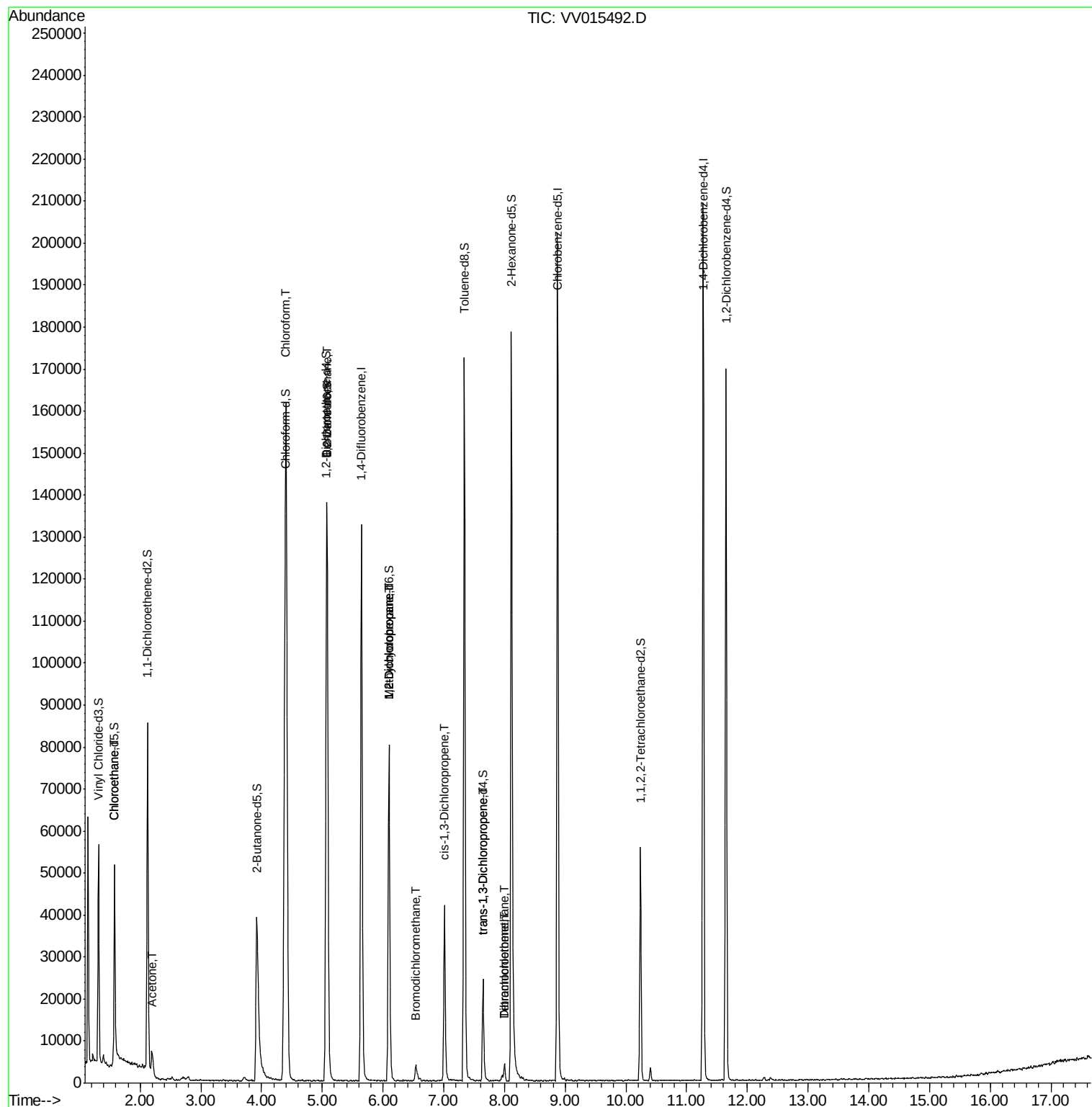
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.57	64	3589	0.631	ug/L #	53
13) Acetone	2.20	43	9079	8.165	ug/L #	52
25) Chloroform	4.41	83	138942	9.425	ug/L	98
27) 1,2-Dichloroethane	5.08	62	780	0.082	ug/L #	77
35) Methylcyclohexane	6.10	83	9235	0.669	ug/L #	16
37) 1,2-Dichloropropane	6.09	63	4352	0.576	ug/L #	86
38) Bromodichloromethane	6.53	83	2442	0.242	ug/L #	97
39) cis-1,3-Dichloropropene	7.01	75	1062	0.092	ug/L #	67
44) trans-1,3-Dichloropropene	7.65	75	526	0.054	ug/L	92
47) Tetrachloroethene	8.00	164	916	0.151	ug/L	93
49) Dibromochloromethane	8.00	129	989	0.163	ug/L #	10

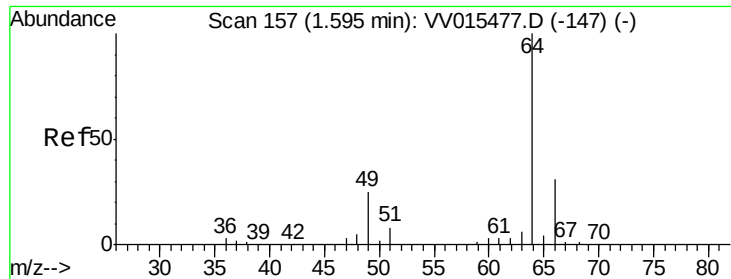
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Apr 15 05:31:01 2020
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.631 ug/L

RT: 1.57 min Scan# 149

Delta R.T. -0.03 min

Lab File: VV015492.D

Acq: 15 Apr 2020 03:44

Instrument :

MSVOA_V

ClientSampleId :

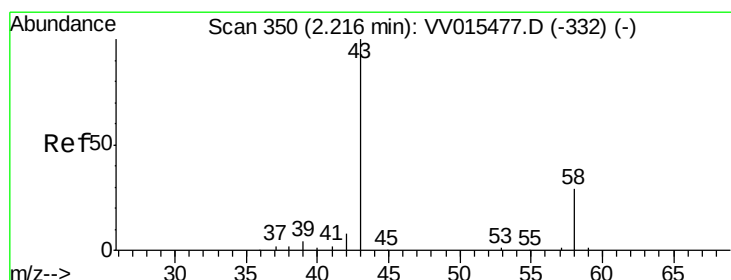
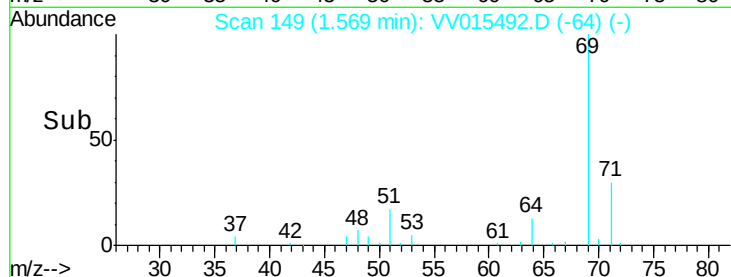
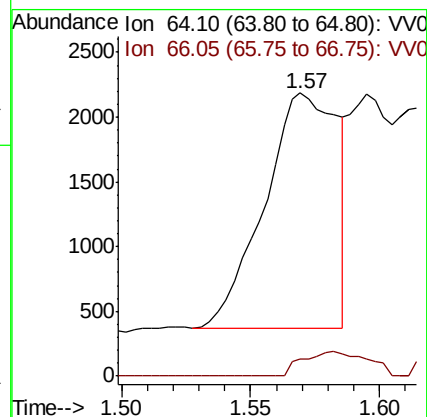
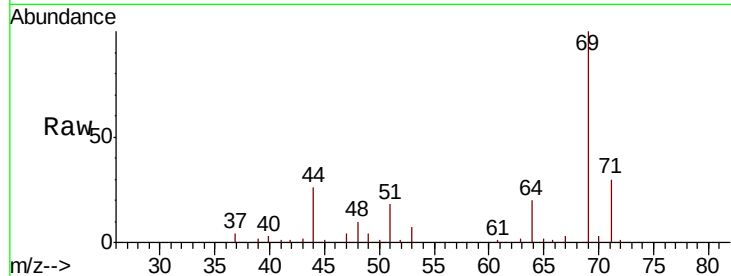
YAOB0

Tot Ion: 64 Resp: 3589

Ion Ratio Lower Upper

64 100

66 6.0 22.3 41.5#



#13

Acetone

Concen: 8.165 ug/L

RT: 2.20 min Scan# 344

Delta R.T. -0.02 min

Lab File: VV015492.D

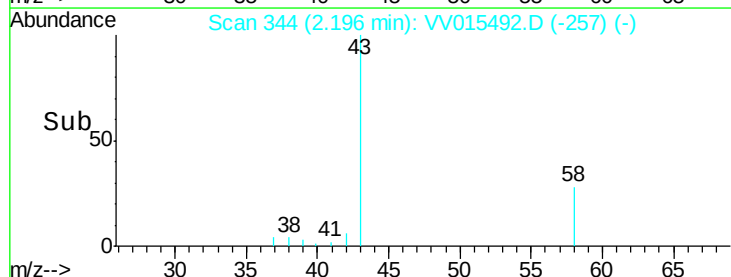
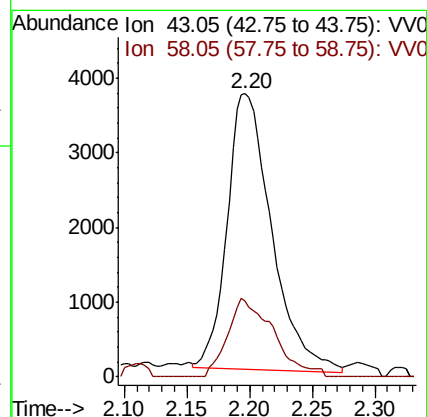
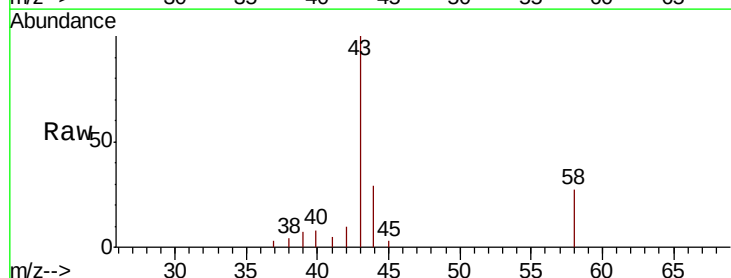
Acq: 15 Apr 2020 03:44

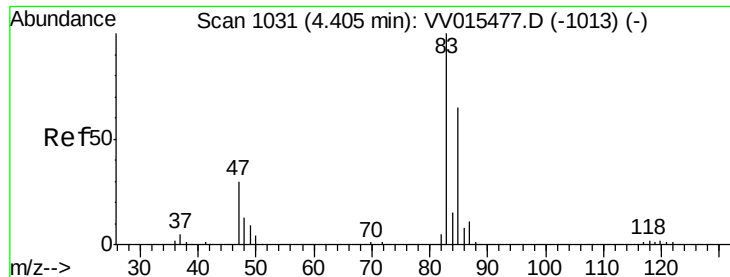
Tgt Ion: 43 Resp: 9079

Ion Ratio Lower Upper

43 100

58 29.4 0.0 22.2#

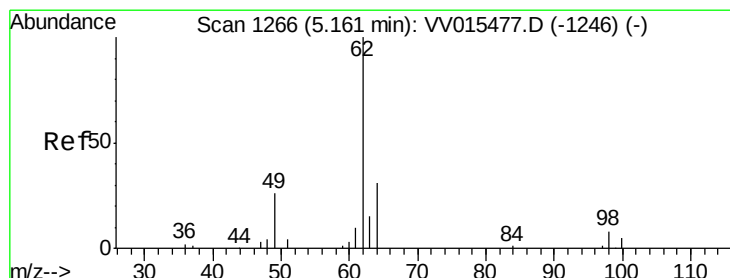
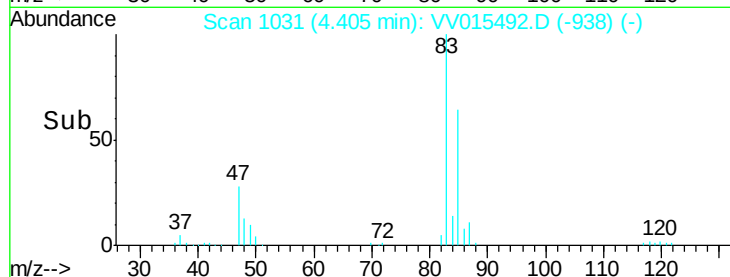
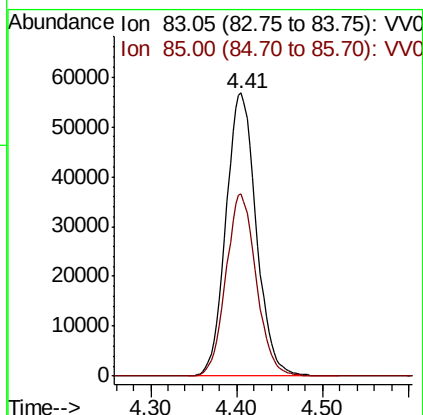
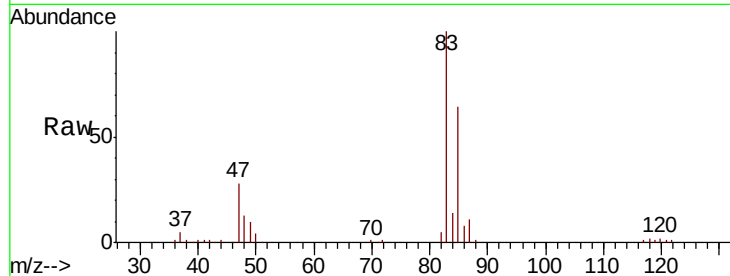




#25
Chloroform
Concen: 9.425 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VV015492.D
Acq: 15 Apr 2020 03:44

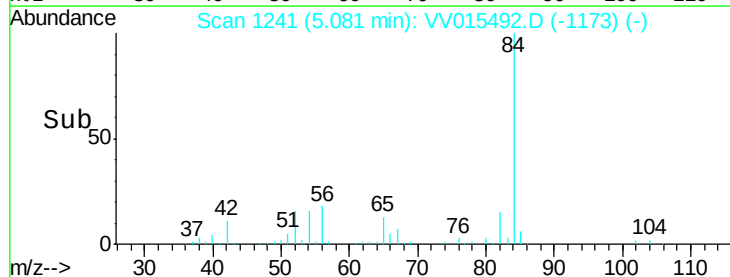
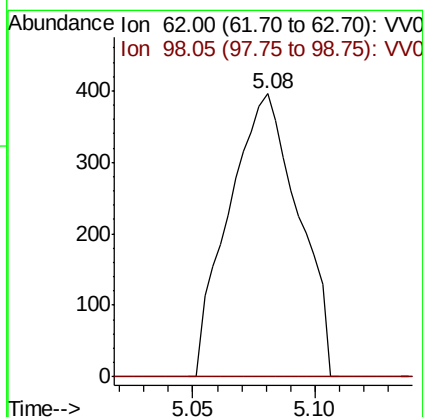
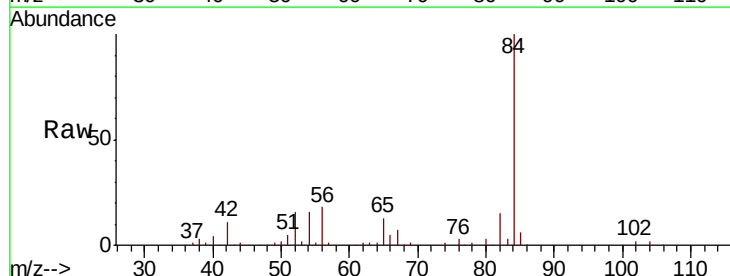
Instrument :
MSVOA_V
ClientSampleId :
YAOB0

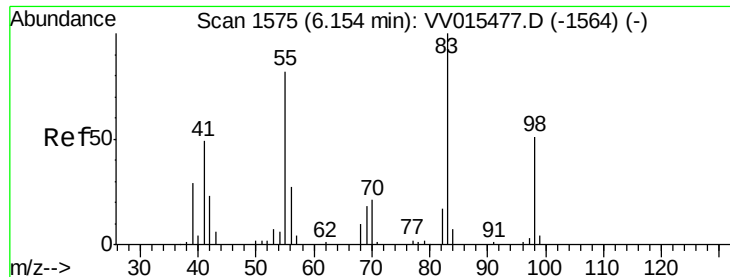
Tot Ion: 83 Resp: 138942
Ion Ratio Lower Upper
83 100
85 64.3 45.9 85.3



#27
1,2-Dichloroethane
Concen: 0.082 ug/L
RT: 5.08 min Scan# 1241
Delta R.T. -0.08 min
Lab File: VV015492.D
Acq: 15 Apr 2020 03:44

Tgt Ion: 62 Resp: 780
Ion Ratio Lower Upper
62 100
98 0.0 6.6 10.0#

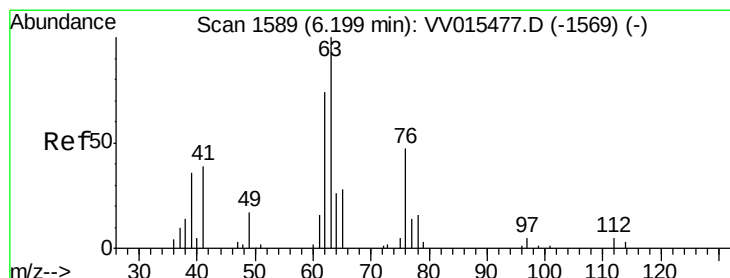
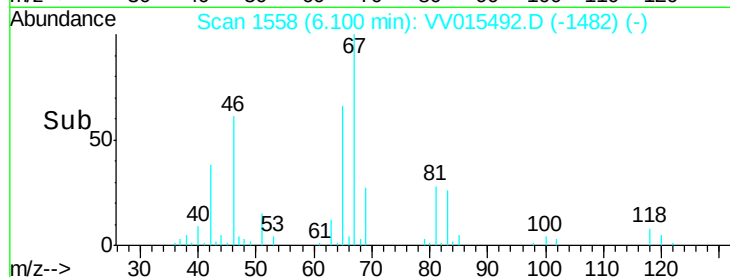
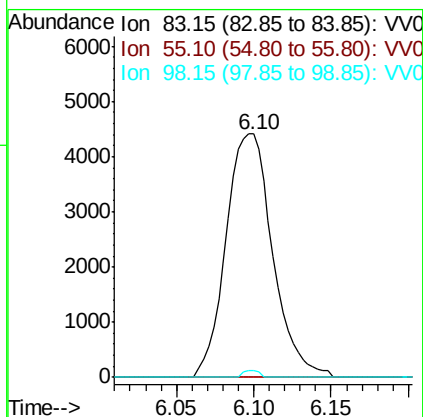
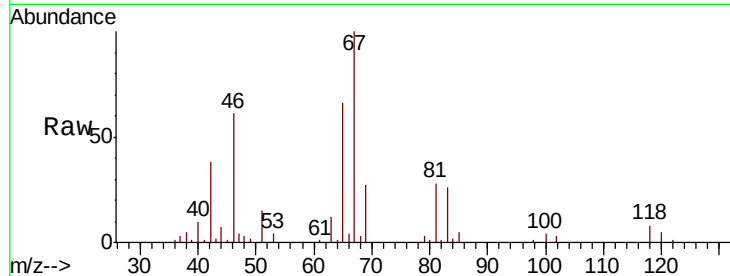




#35
Methylvlcyclohexane
Concen: 0.669 ug/L
RT: 6.10 min Scan# 1558
Delta R.T. -0.05 min
Lab File: VV015492.D
Acq: 15 Apr 2020 03:44

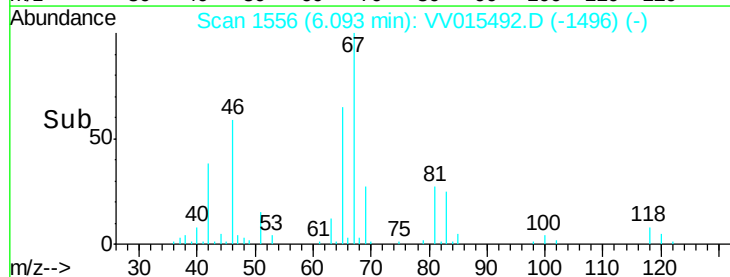
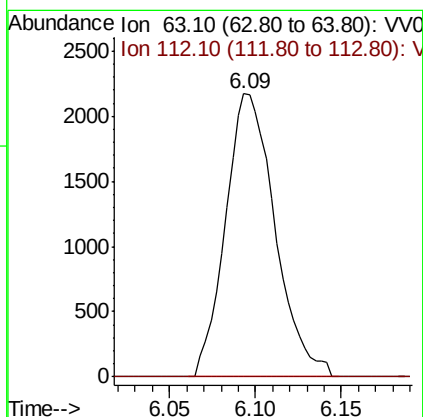
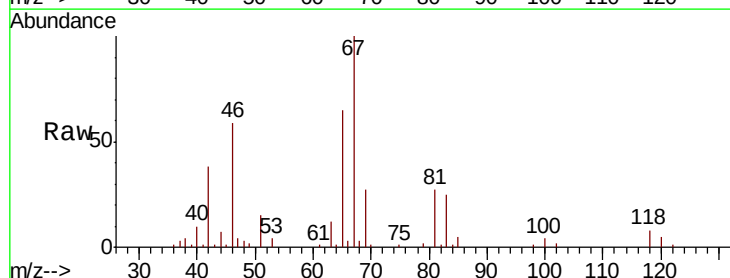
Instrument :
MSVOA_V
ClientSampleId :
YaqB0

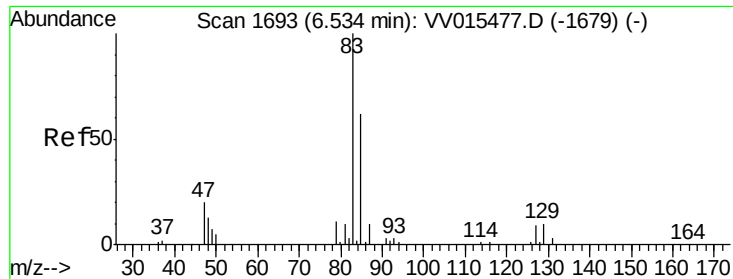
Tot Ion: 83 Resp: 9235
Ion Ratio Lower Upper
83 100
55 0.0 66.6 99.8#
98 0.9 38.7 58.1#



#37
1,2-Dichloropropane
Concen: 0.576 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.11 min
Lab File: VV015492.D
Acq: 15 Apr 2020 03:44

Tgt Ion: 63 Resp: 4352
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#





#38

Bromodichloromethane

Concen: 0.242 ug/L

RT: 6.53 min Scan# 1693

Delta R.T. 0.00 min

Lab File: VV015492.D

Acq: 15 Apr 2020 03:44

Instrument :

MSVOA_V

ClientSampleId :

YAOB0

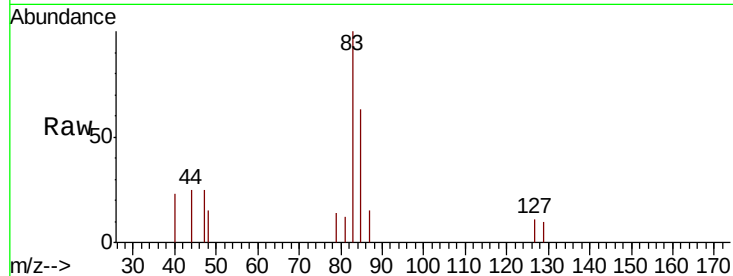
Tot Ion: 83 Resp: 2442

Ion Ratio Lower Upper

83 100

85 63.0 42.6 79.2

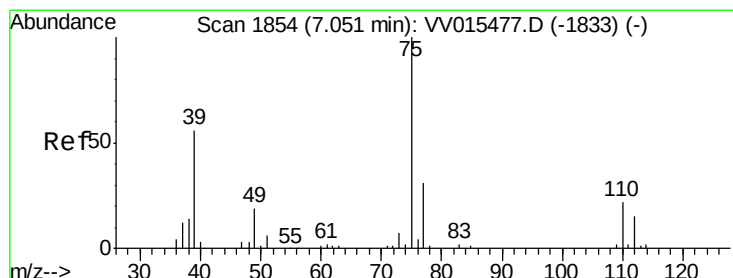
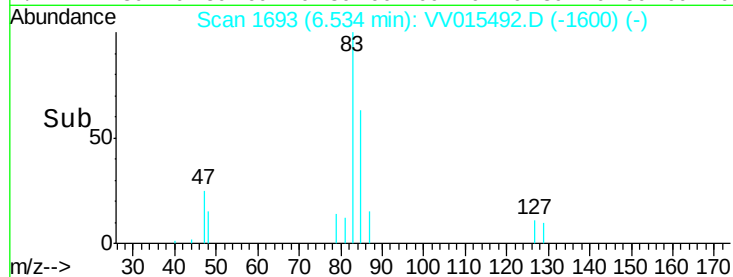
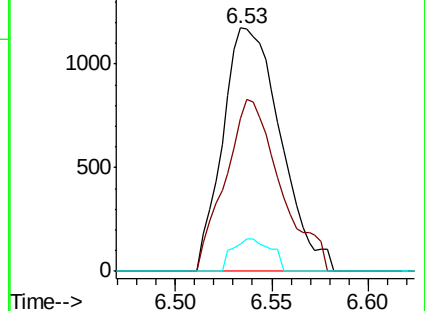
127 11.4 6.6 9.8#



Abundance Ion 82.95 (82.65 to 83.65): VV015492.D (-1600) (-)

Ion 85.00 (84.70 to 85.70): VV015492.D (-1600) (-)

Ion 126.90 (126.60 to 127.60): VV015492.D (-1600) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.092 ug/L

RT: 7.01 min Scan# 1841

Delta R.T. -0.04 min

Lab File: VV015492.D

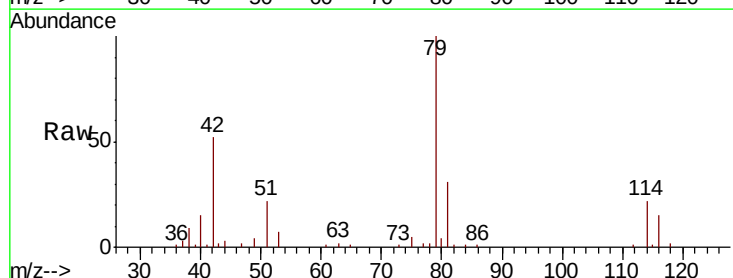
Acq: 15 Apr 2020 03:44

Tgt Ion: 75 Resp: 1062

Ion Ratio Lower Upper

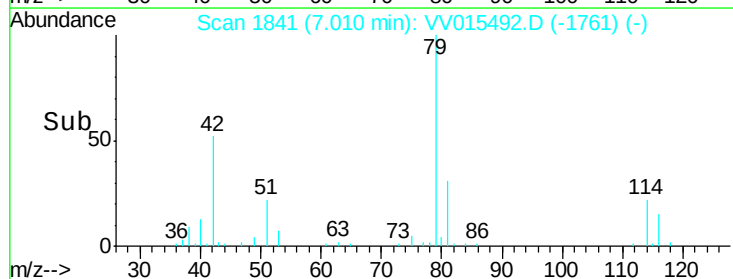
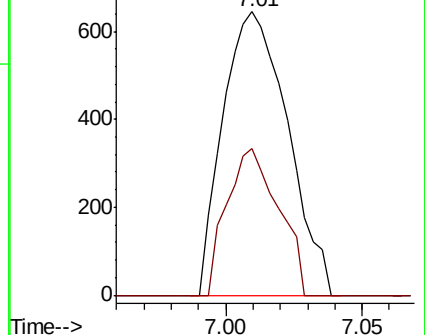
75 100

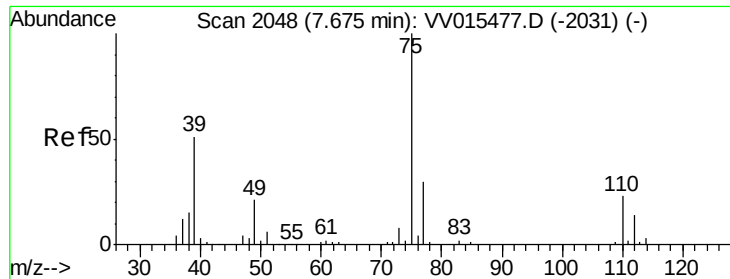
77 51.6 23.0 42.6#



Abundance Ion 75.05 (74.75 to 75.75): VV015492.D (-1761) (-)

Ion 77.05 (76.75 to 77.75): VV015492.D (-1761) (-)

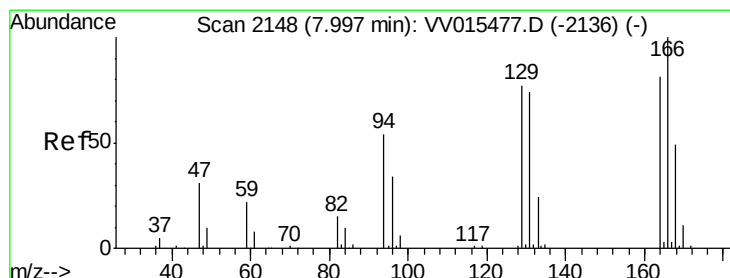
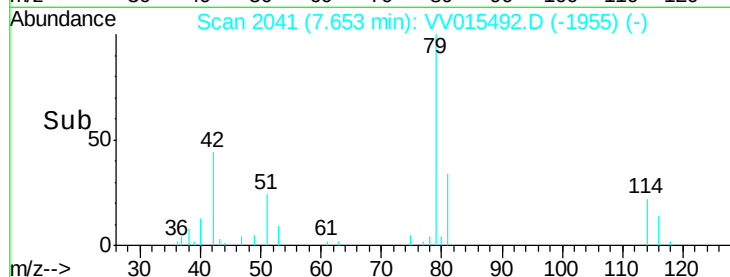
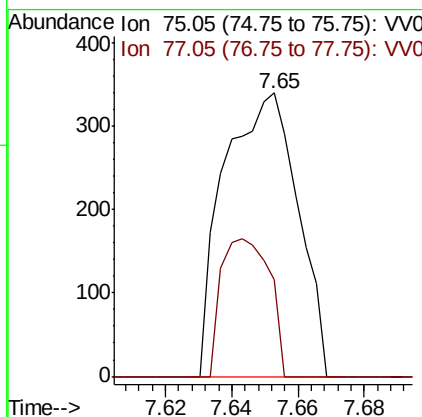
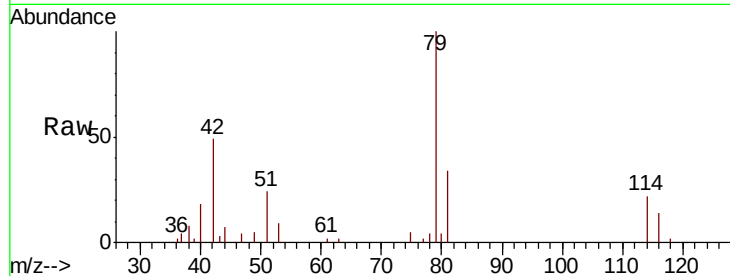




#44
trans-1,3-Dichloropropene
Concen: 0.054 ug/L
RT: 7.65 min Scan# 2041
Delta R.T. -0.02 min
Lab File: VV015492.D
Acq: 15 Apr 2020 03:44

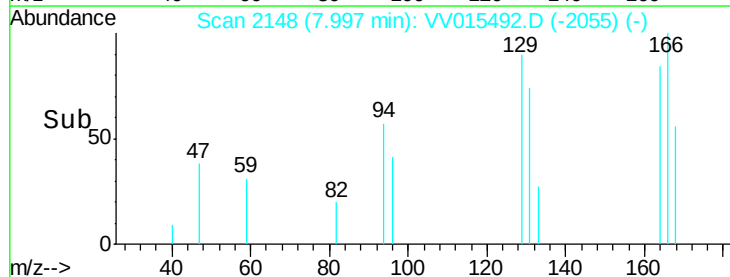
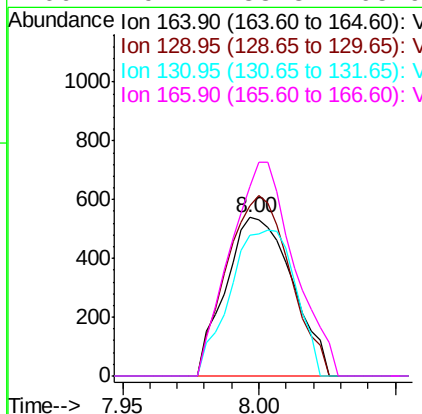
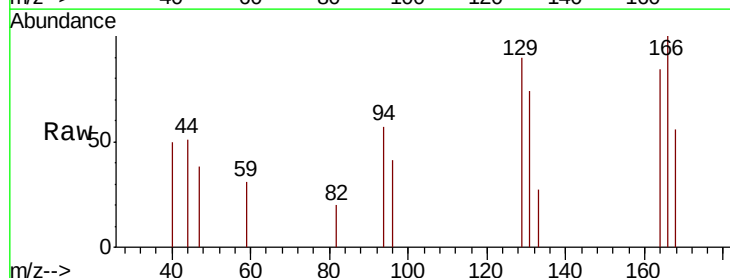
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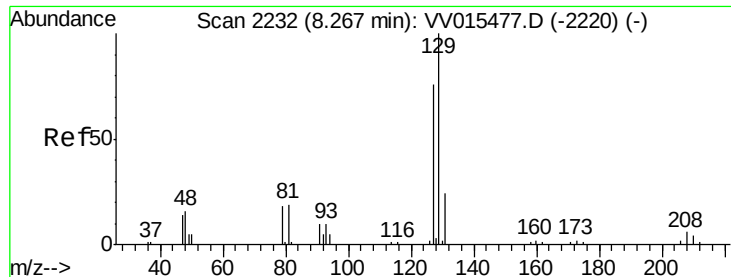
Tot Ion: 75 Resp: 526
Ion Ratio Lower Upper
75 100
77 34.1 21.0 39.0



#47
Tetrachloroethene
Concen: 0.151 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. 0.00 min
Lab File: VV015492.D
Acq: 15 Apr 2020 03:44

Tgt Ion: 164 Resp: 916
Ion Ratio Lower Upper
164 100
129 107.8 70.6 131.0
131 89.0 68.3 126.8
166 119.7 88.3 163.9





#49

Dibromochloromethane

Concen: 0.163 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. -0.27 min

Lab File: VV015492.D

Acq: 15 Apr 2020 03:44

Instrument :
MSVOA_V
ClientSampleId :
YAQB0

Tot Ion:129 Resp: 989

Ion Ratio Lower Upper

129 100

127 0.0 54.7 101.7#

