

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV111818\
 Data File : VV008631.D
 Acq On : 17 Nov 2018 16:03
 Operator : SY/MD
 Sample : J5990-07MS
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETO69MS

Quant Time: Nov 19 03:01:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Nov 19 02:55:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	116549	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	107828	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	45543	5.00	ug/L	0.00

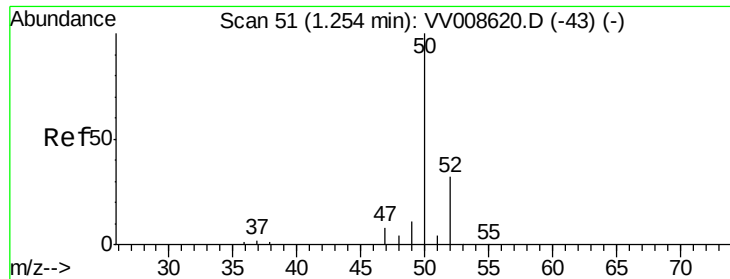
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	25757	4.98	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.60%
7) Chloroethane-d5	1.59	69	22706	5.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.60%
11) 1,1-Dichloroethene-d2	2.14	63	54791	5.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	104.40%
20) 2-Butanone-d5	3.95	46	96910	52.31	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.62%
24) Chloroform-d	4.41	84	67875	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	5.09	65	37234	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.40%
32) Benzene-d6	5.10	84	137739	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
36) 1,2-Dichloropropane-d6	6.12	67	44604	4.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.40%
41) Toluene-d8	7.36	98	125073	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
43) trans-1,3-Dichloropropene-	7.67	79	14543	4.20	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.00%
46) 2-Hexanone-d5	8.14	63	72894	46.51	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.02%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	30341	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	41036	4.99	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.80%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.25	50	1816	0.226	ug/L	94
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	517	0.087	ug/L #	20
12) 1,1-Dichloroethene	2.14	96	30934	5.725	ug/L	96
13) Acetone	2.20	43	6625	6.858	ug/L	92
15) Methyl Acetate	2.34	43	8842	3.658	ug/L #	54
27) 1,2-Dichloroethane	5.15	62	1652	0.177	ug/L #	75
33) Benzene	5.15	78	174355	5.100	ug/L	100
34) Trichloroethene	5.96	95	46203	5.113	ug/L	97
35) Methylcyclohexane	6.12	83	10306	0.674	ug/L #	17
37) 1,2-Dichloropropane	6.13	63	4653	0.518	ug/L #	89
39) cis-1,3-Dichloropropene	7.03	75	1101	0.091	ug/L #	57
42) Toluene	7.43	91	180084	5.055	ug/L	99
48) 2-Hexanone	8.14	43	8796	2.478	ug/L #	75
51) Chlorobenzene	8.93	112	112567	5.122	ug/L	98

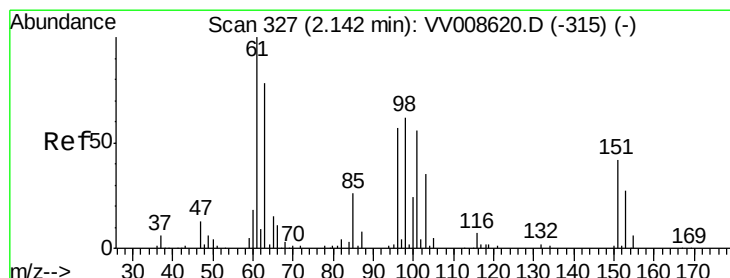
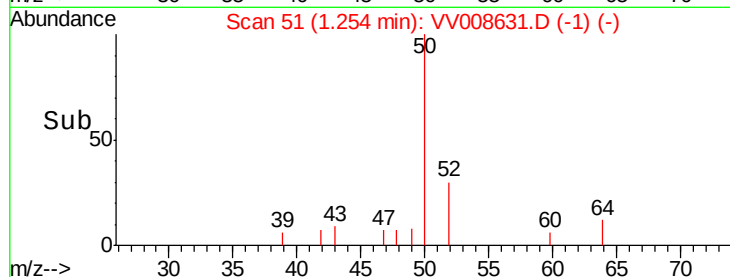
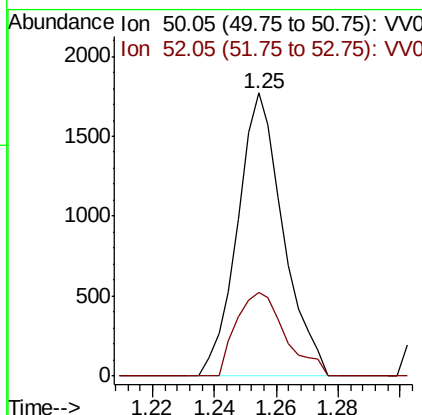
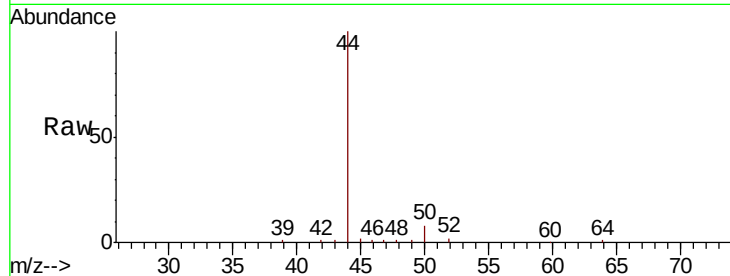
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#3
 Chloromethane
 Concen: 0.226 ug/L
 RT: 1.25 min Scan# 51
 Delta R.T. -0.00 min
 Lab File: VV008631.D
 Acq: 17 Nov 2018 16:03

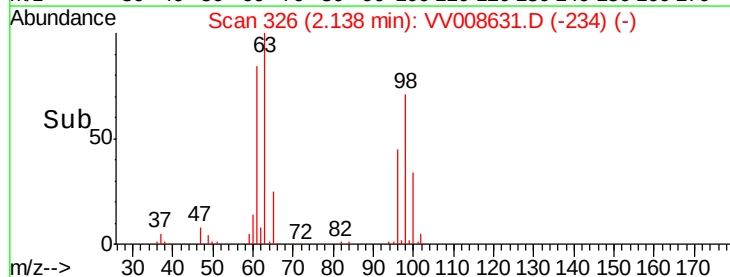
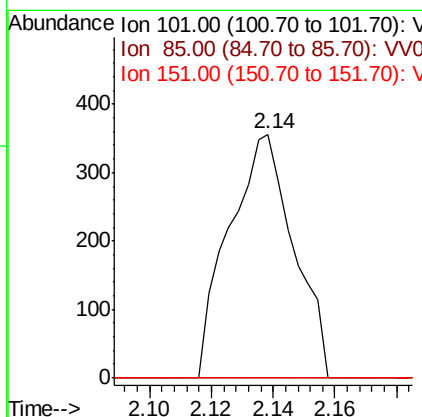
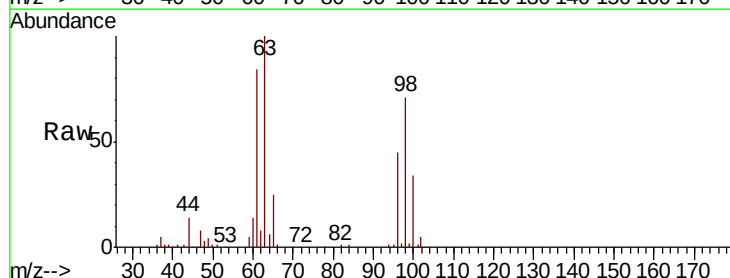
Instrument :
 MSVOA_V
 ClientSampleId :
 ETO69MS

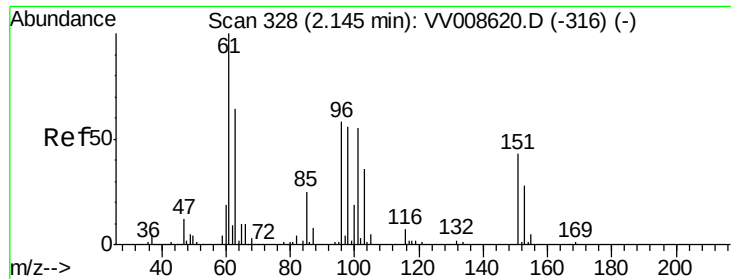
Tot Ion: 50 Resp: 1816
 Ion Ratio Lower Upper
 50 100
 52 29.7 23.3 43.3



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.087 ug/L
 RT: 2.14 min Scan# 326
 Delta R.T. -0.00 min
 Lab File: VV008631.D
 Acq: 17 Nov 2018 16:03

Tgt Ion:101 Resp: 517
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.4 53.0#
 151 0.0 59.4 89.2#

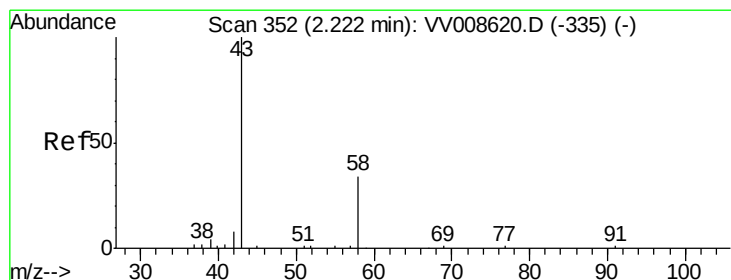
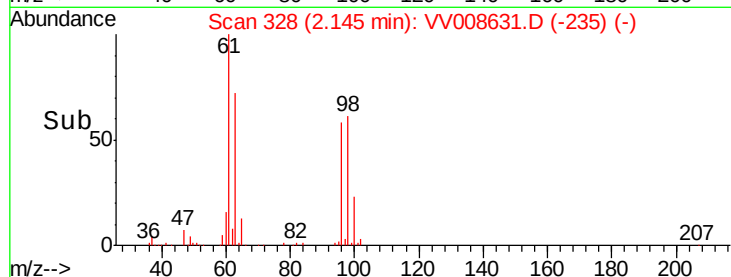
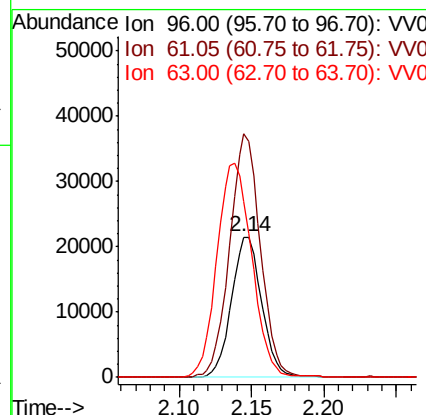
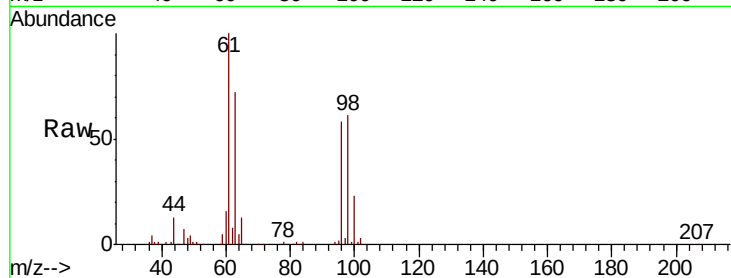




#12
 1,1-Dichloroethene
 Concen: 5.725 ug/L
 RT: 2.14 min Scan# 328
 Delta R.T. -0.00 min
 Lab File: VV008631.D
 Acq: 17 Nov 2018 16:03

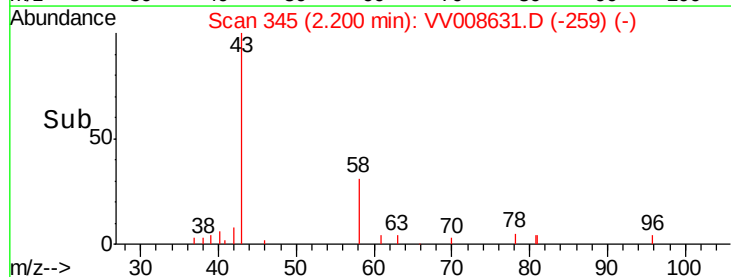
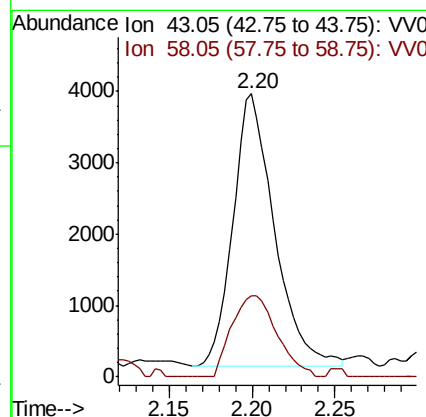
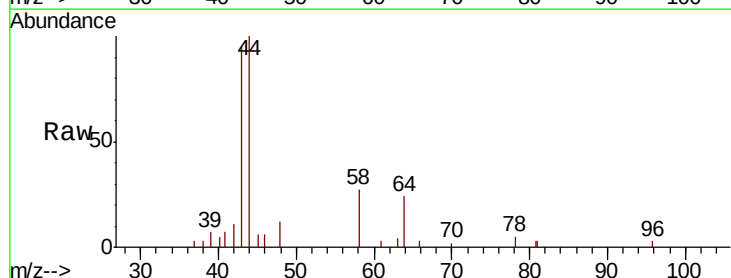
Instrument :
 MSVOA_V
 ClientSampleId :
 ETO69MS

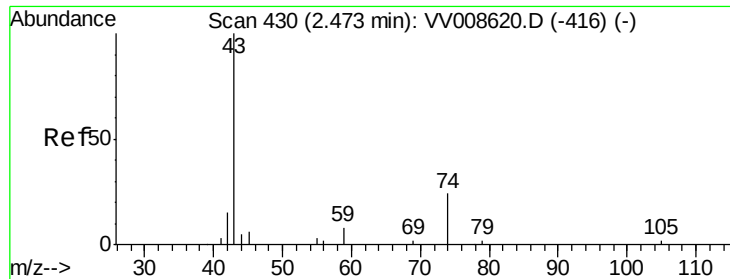
Tot Ion: 96 Resp: 30934
 Ion Ratio Lower Upper
 96 100
 61 173.8 120.3 223.5
 63 125.8 82.5 153.3



#13
 Acetone
 Concen: 6.858 ug/L
 RT: 2.20 min Scan# 345
 Delta R.T. -0.02 min
 Lab File: VV008631.D
 Acq: 17 Nov 2018 16:03

Tgt Ion: 43 Resp: 6625
 Ion Ratio Lower Upper
 43 100
 58 32.5 0.0 56.4

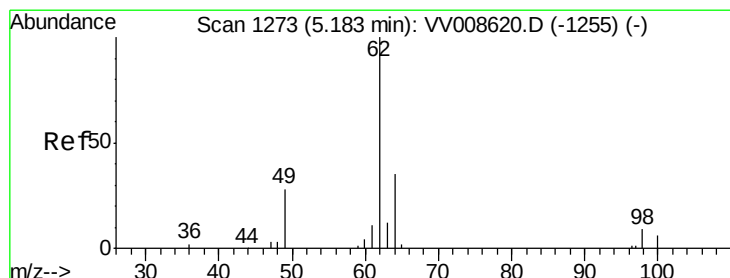
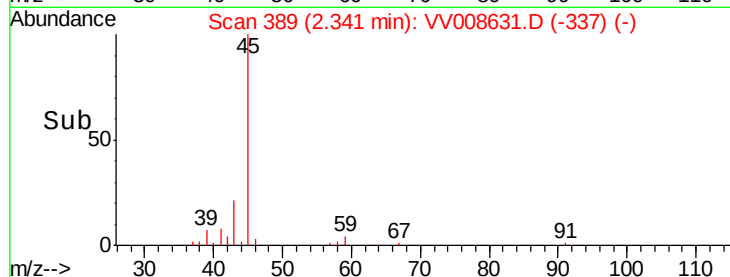
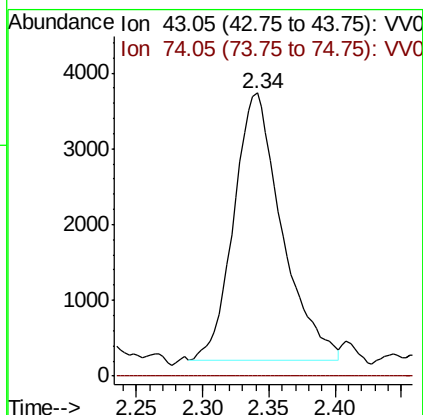
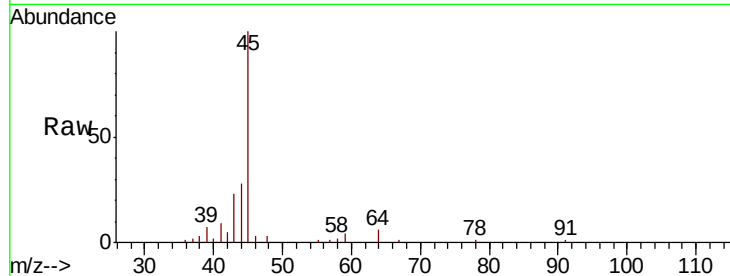




#15
Methvl Acetate
Concen: 3.658 ug/L
RT: 2.34 min Scan# 389
Delta R.T. -0.13 min
Lab File: VV008631.D
Acq: 17 Nov 2018 16:03

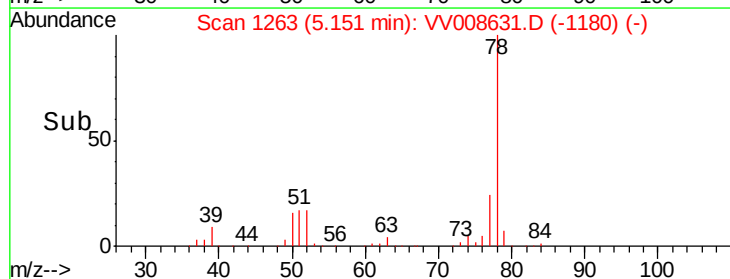
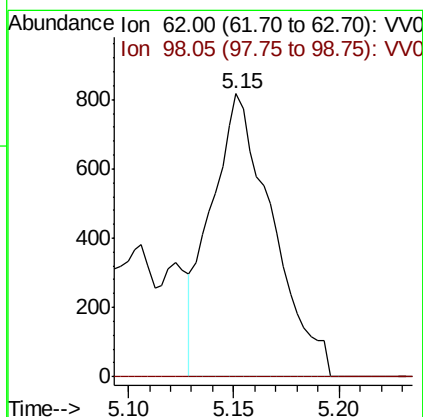
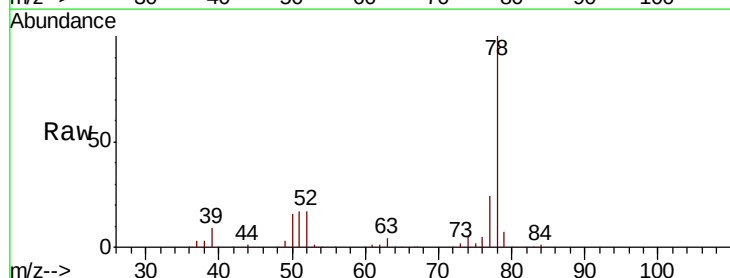
Instrument :
MSVOA_V
ClientSampleId :
ETO69MS

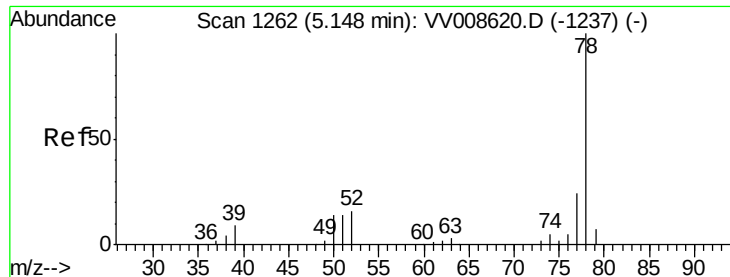
Tot Ion: 43 Resp: 8842
Ion Ratio Lower Upper
43 100
74 0.0 17.6 26.4#



#27
1,2-Dichloroethane
Concen: 0.177 ug/L
RT: 5.15 min Scan# 1263
Delta R.T. -0.03 min
Lab File: VV008631.D
Acq: 17 Nov 2018 16:03

Tgt Ion: 62 Resp: 1652
Ion Ratio Lower Upper
62 100
98 0.0 7.1 10.7#





#33

Benzene

Concen: 5.100 ug/L

RT: 5.15 min Scan# 1263

Delta R.T. 0.00 min

Lab File: VV008631.D

Acq: 17 Nov 2018 16:03

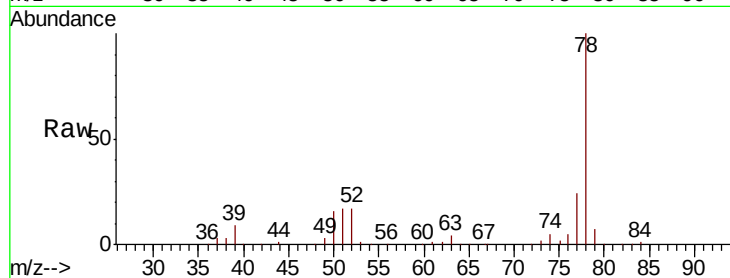
Instrument :

MSVOA_V

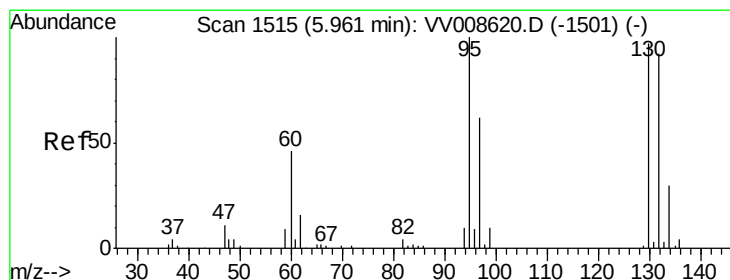
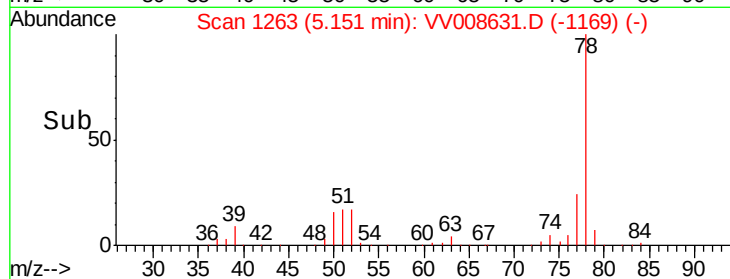
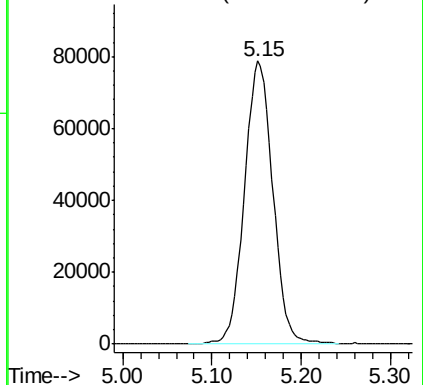
ClientSampleId :

ETO69MS

Tgt Ion: 78 Resp: 174355



Abundance Ion 78.10 (77.80 to 78.80): VV0



#34

Trichloroethene

Concen: 5.113 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. -0.00 min

Lab File: VV008631.D

Acq: 17 Nov 2018 16:03

Tgt Ion: 95 Resp: 46203

Ion	Ratio	Lower	Upper
95	100		
97	65.6	45.1	83.7
132	94.0	66.3	123.1
130	91.2	68.0	126.4

95 100

97 65.6 45.1 83.7

132 94.0 66.3 123.1

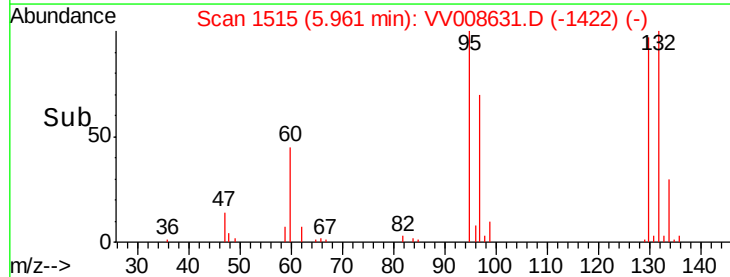
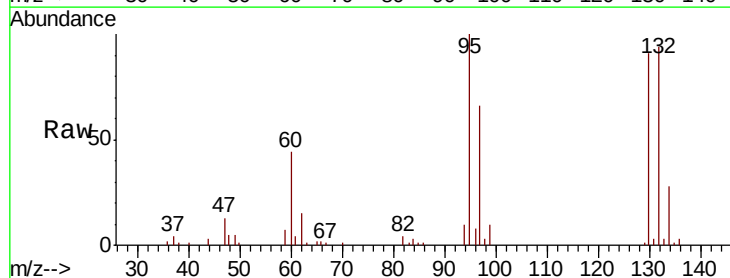
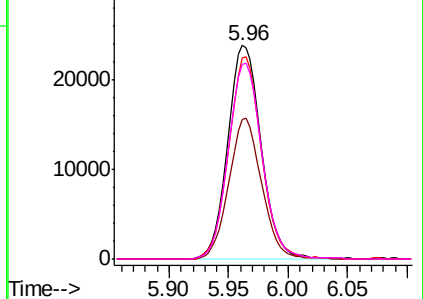
130 91.2 68.0 126.4

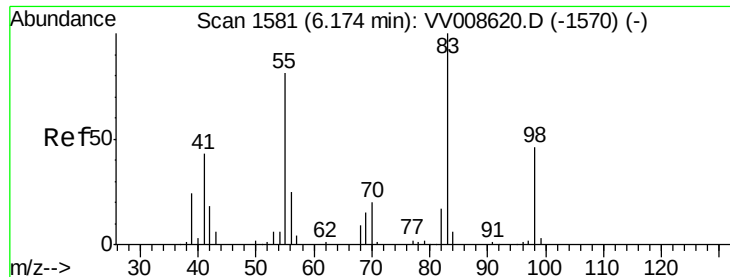
Abundance Ion 95.00 (94.70 to 95.70): VV0

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

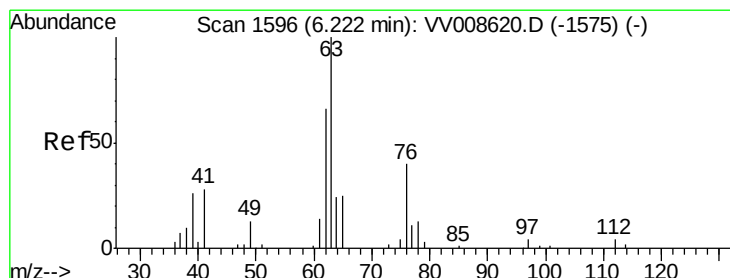
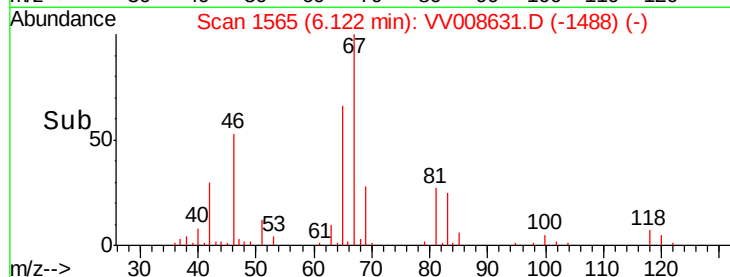
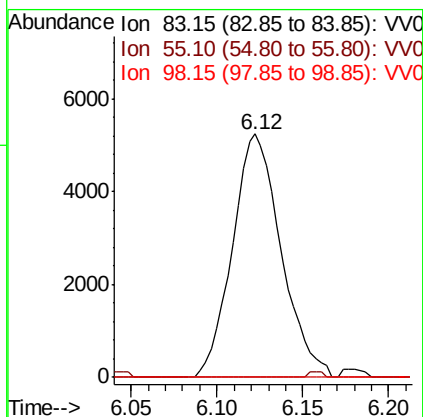
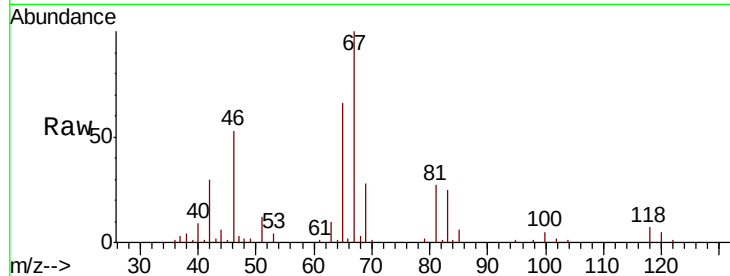




#35
Methylvlcyclohexane
Concen: 0.674 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.05 min
Lab File: VV008631.D
Acq: 17 Nov 2018 16:03

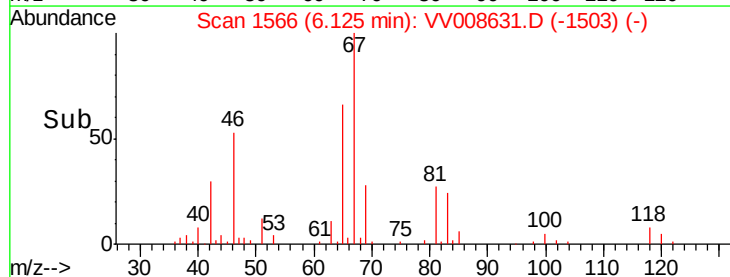
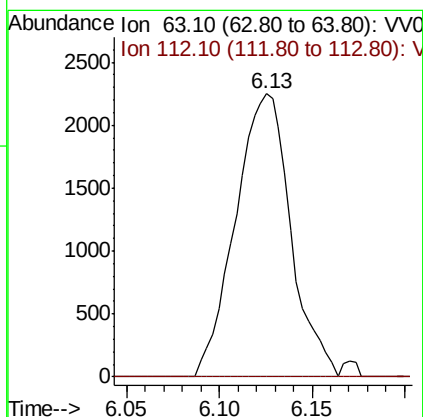
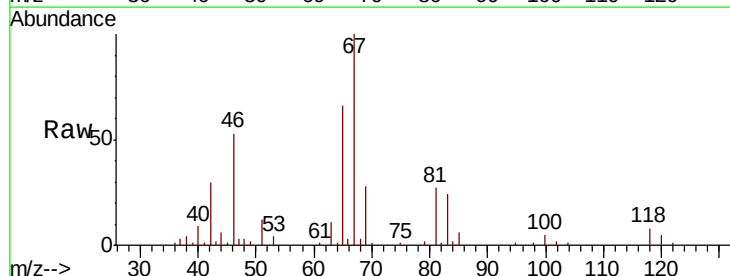
Instrument :
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ETO69MS

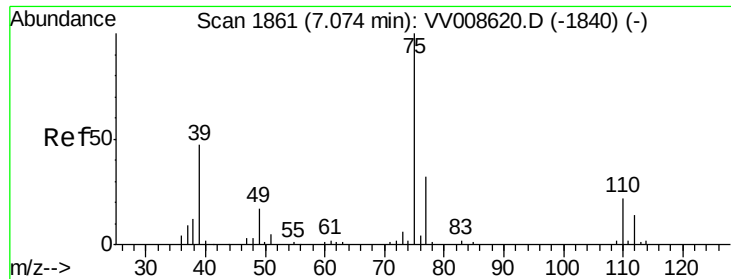
Tot Ion: 83 Resp: 10306
Ion Ratio Lower Upper
83 100
55 0.7 65.6 98.4#
98 0.0 36.4 54.6#



#37
1,2-Dichloropropane
Concen: 0.518 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.10 min
Lab File: VV008631.D
Acq: 17 Nov 2018 16:03

Tgt Ion: 63 Resp: 4653
Ion Ratio Lower Upper
63 100
112 0.0 2.8 4.2#

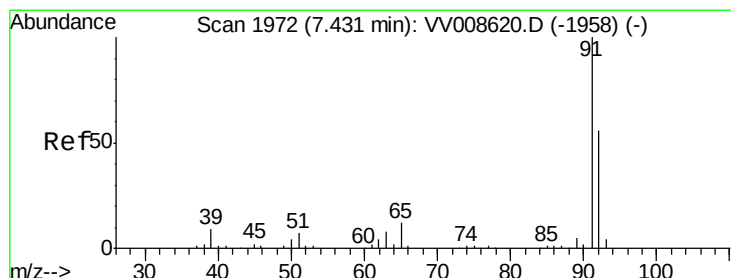
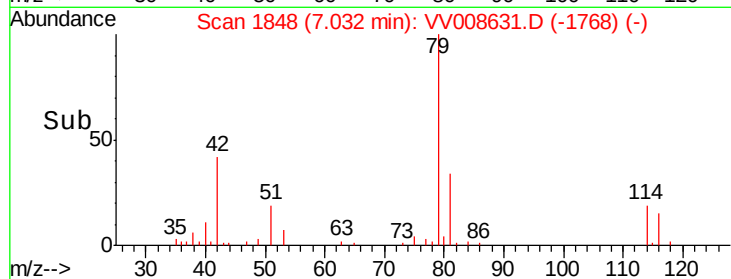
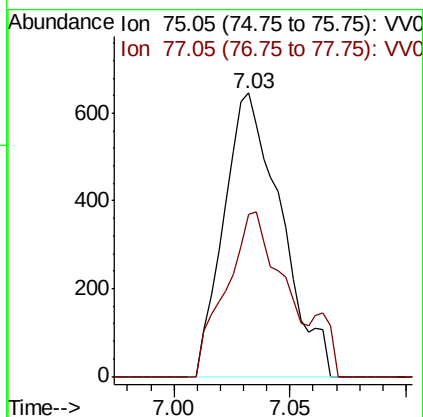
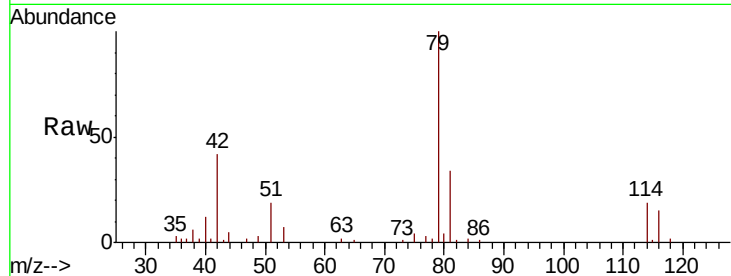




#39
 cis-1,3-Dichloropropene
 Concen: 0.091 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV008631.D
 Acq: 17 Nov 2018 16:03

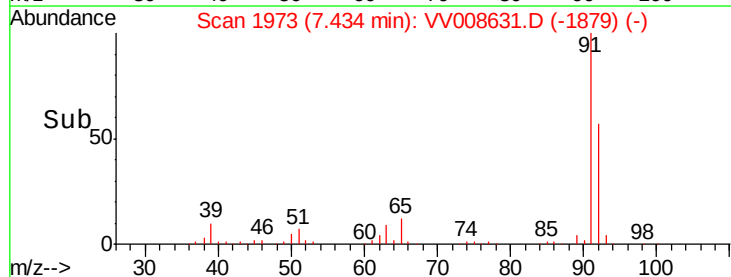
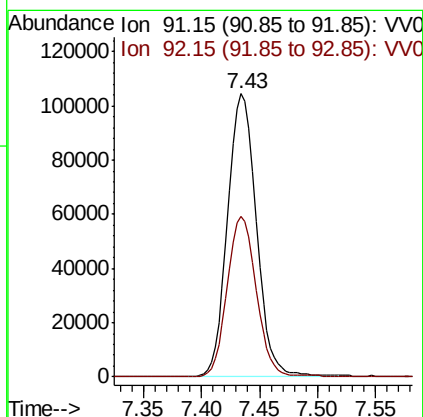
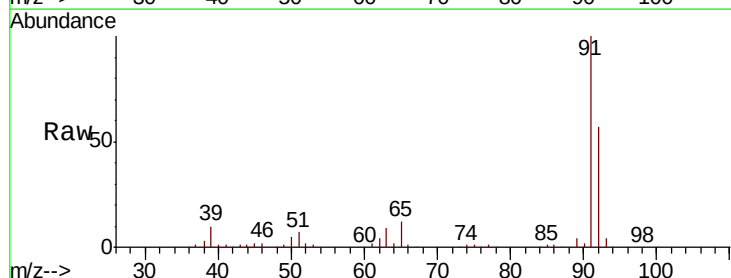
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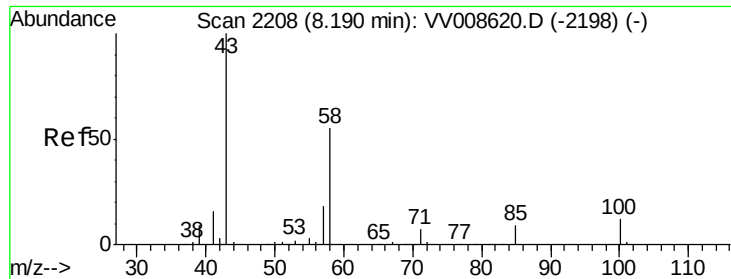
Tot Ion: 75 Resp: 1101
 Ion Ratio Lower Upper
 75 100
 77 57.0 23.0 42.8#



#42
 Toluene
 Concen: 5.055 ug/L
 RT: 7.43 min Scan# 1973
 Delta R.T. 0.00 min
 Lab File: VV008631.D
 Acq: 17 Nov 2018 16:03

Tgt Ion: 91 Resp: 180084
 Ion Ratio Lower Upper
 91 100
 92 56.7 39.1 72.5

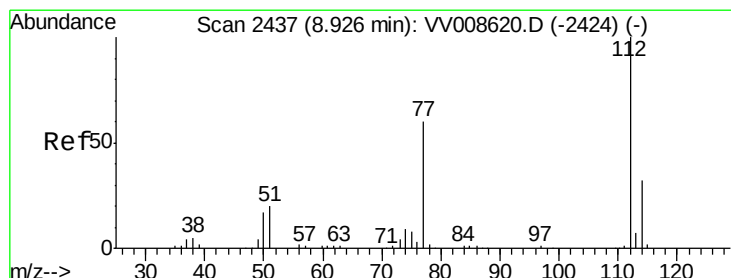
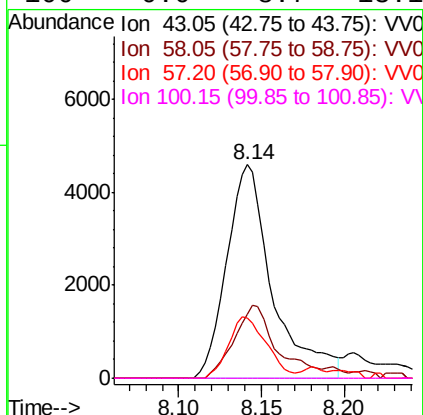
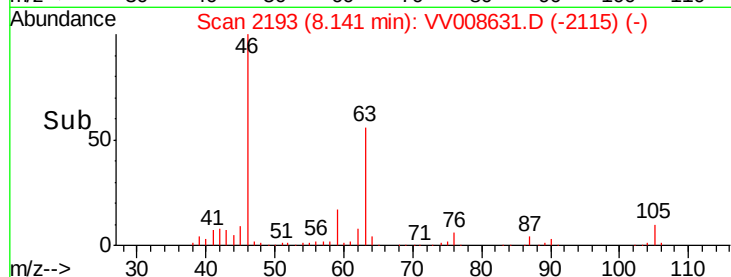
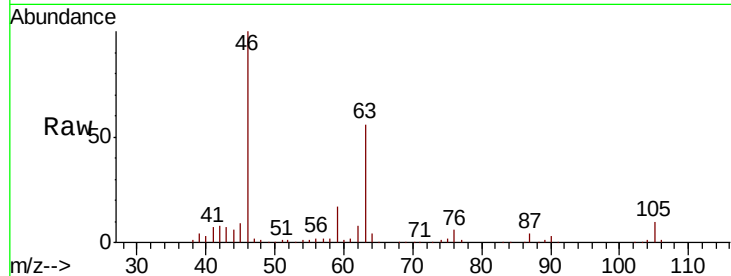




#48
2-Hexanone
Concen: 2.478 ug/L
RT: 8.14 min Scan# 2193
Delta R.T. -0.05 min
Lab File: VV008631.D
Acq: 17 Nov 2018 16:03

Instrument :
MSVOA_V
ClientSampleId :
ETO69MS

Tot Ion: 43 Resp: 8796
Ion Ratio Lower Upper
43 100
58 31.7 41.8 62.8#
57 23.8 15.4 23.0#
100 0.0 8.7 13.1#



#51
Chlorobenzene
Concen: 5.122 ug/L
RT: 8.93 min Scan# 2438
Delta R.T. 0.00 min
Lab File: VV008631.D
Acq: 17 Nov 2018 16:03

Tgt Ion: 112 Resp: 112567
Ion Ratio Lower Upper
112 100
114 31.2 21.9 40.7
77 61.9 47.9 71.9

