

Data File : VV011691.D
Acq On : 21 Jun 2019 18:11
Operator : SY/MD
Sample : K3415-12
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GALP9

Quant Time: Jun 22 04:16:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 22 04:10:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	160832	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	152192	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	60327	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	46656	4.37	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.40%
7) Chloroethane-d5	1.58	69	35962	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.80%
11) 1,1-Dichloroethene-d2	2.12	63	72959	3.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.20%
20) 2-Butanone-d5	3.96	46	161348	57.38	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.76%
24) Chloroform-d	4.40	84	76564	3.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.60%
26) 1,2-Dichloroethane-d4	5.08	65	61138	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.40%
32) Benzene-d6	5.10	84	196950	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
36) 1,2-Dichloropropane-d6	6.12	67	62754	4.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.00%
41) Toluene-d8	7.36	98	166918	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.80%
43) trans-1,3-Dichloropropene-	7.67	79	19278	4.22	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.40%
46) 2-Hexanone-d5	8.14	63	117240	54.68	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.36%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	46052	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	57203	5.03	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.60%

Target Compounds

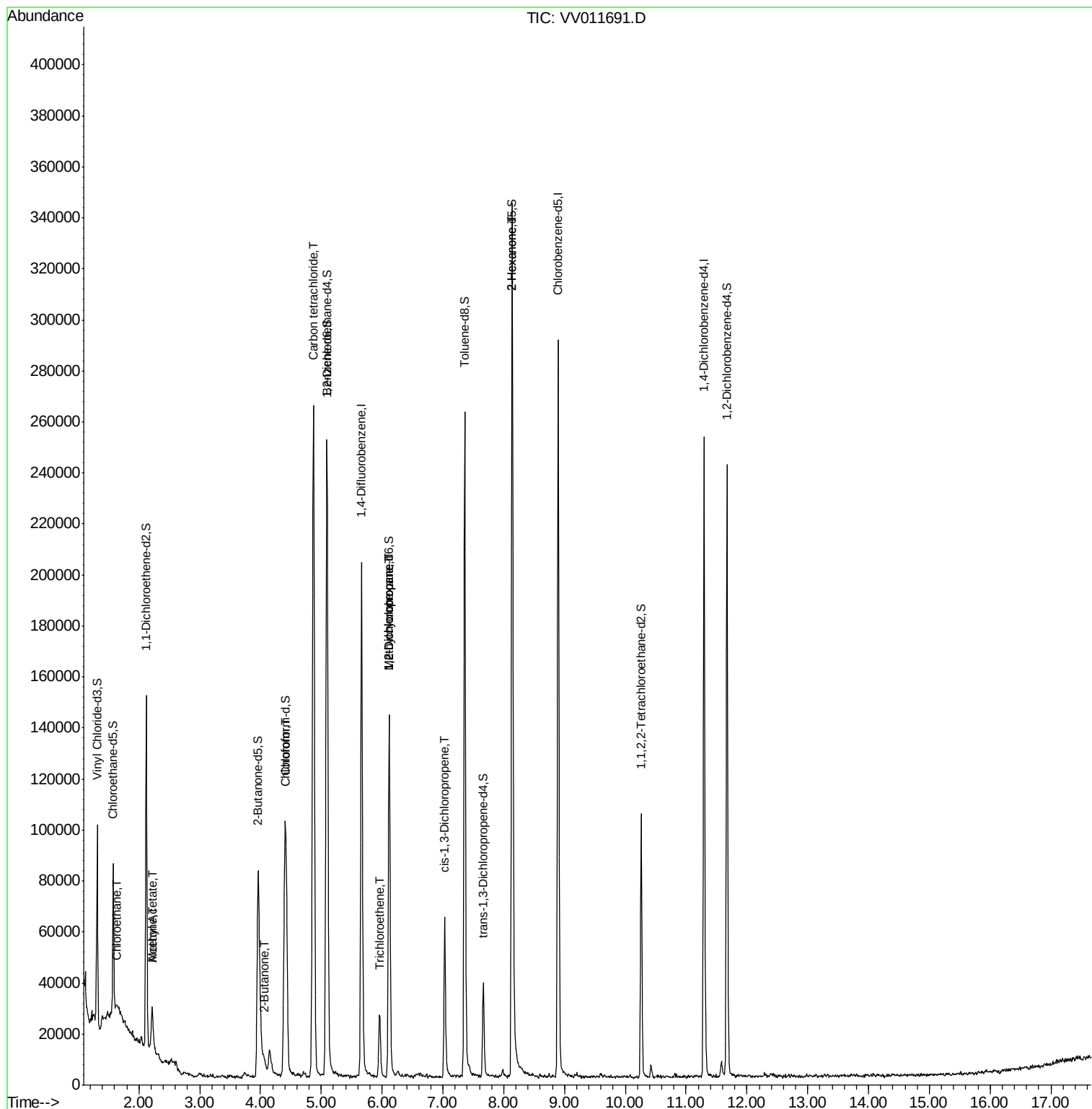
					Qvalue
8) Chloroethane	1.63	64	738	0.095 ug/L #	61
13) Acetone	2.22	43	27493	13.535 ug/L	93
15) Methyl Acetate	2.22	43	26650	5.269 ug/L #	57
21) 2-Butanone	4.06	43	6242	1.907 ug/L	92
25) Chloroform	4.42	83	60128	2.354 ug/L	97
31) Carbon tetrachloride	4.87	117	182136	10.995 ug/L	99
34) Trichloroethene	5.96	95	8558	0.640 ug/L	94
35) Methylcyclohexane	6.12	83	15438	0.715 ug/L #	14
37) 1,2-Dichloropropane	6.12	63	7840	0.612 ug/L #	89
39) cis-1,3-Dichloropropene	7.03	75	1883	0.112 ug/L #	82
48) 2-Hexanone	8.14	43	17494	3.096 ug/L #	74

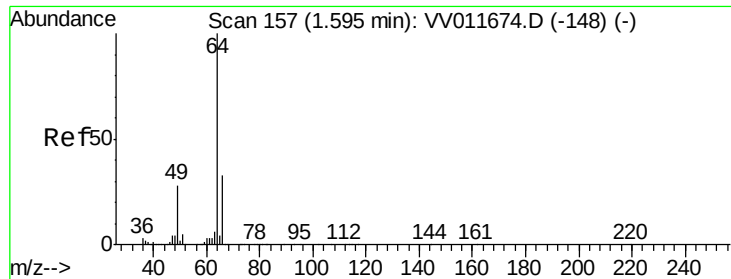
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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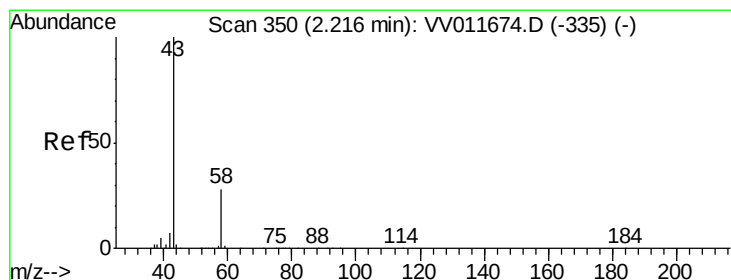
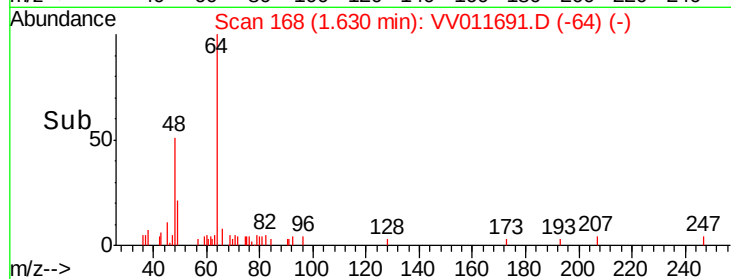
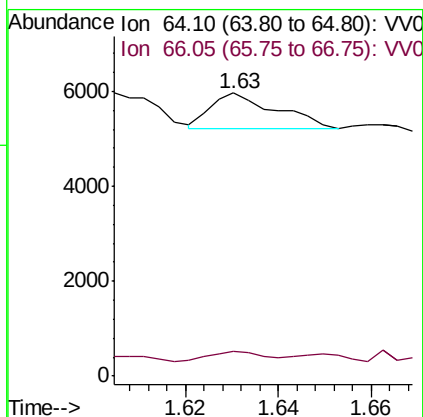
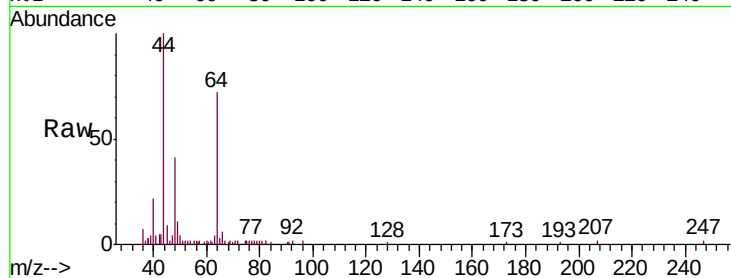




#8
Chloroethane
Concen: 0.095 ug/L
RT: 1.63 min Scan# 168
Delta R.T. 0.04 min
Lab File: VV011691.D
Acq: 21 Jun 2019 18:11

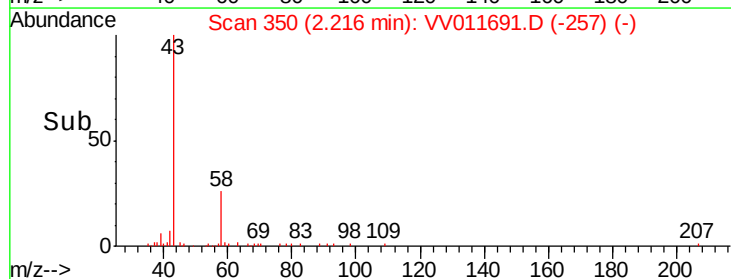
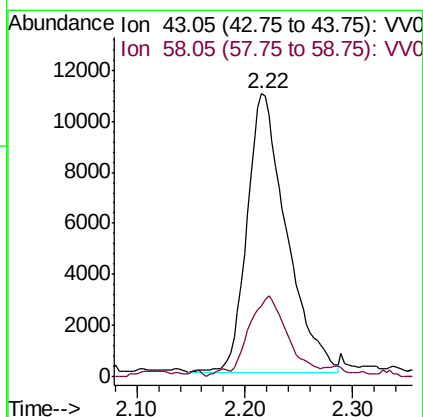
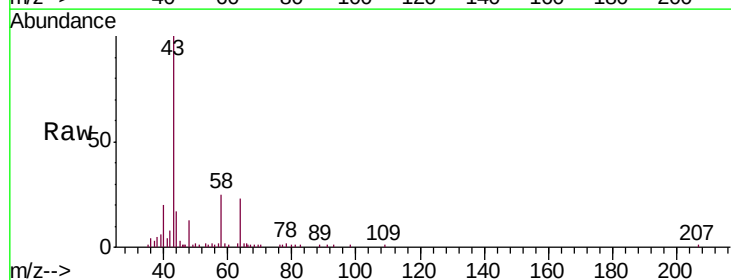
Instrument :
MSVOA_V
ClientSampleId :
GALP9

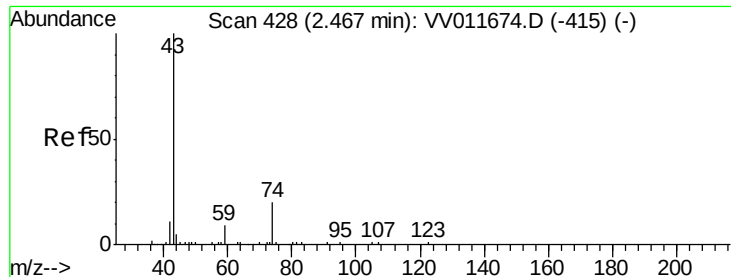
Tgt Ion: 64 Resp: 738
Ion Ratio Lower Upper
64 100
66 8.7 20.6 38.4#



#13
Acetone
Concen: 13.535 ug/L
RT: 2.22 min Scan# 350
Delta R.T. -0.00 min
Lab File: VV011691.D
Acq: 21 Jun 2019 18:11

Tgt Ion: 43 Resp: 27493
Ion Ratio Lower Upper
43 100
58 24.7 0.0 56.6

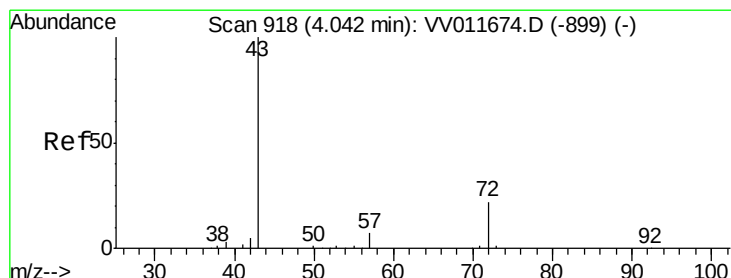
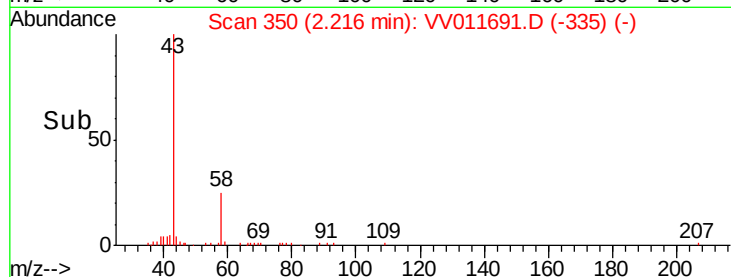
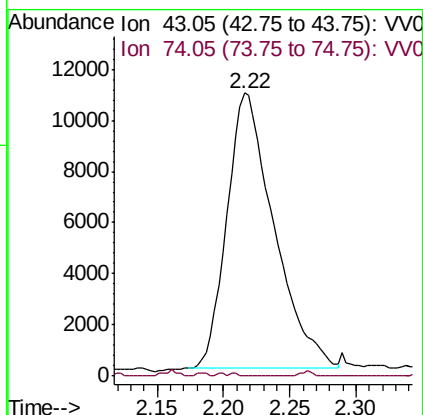
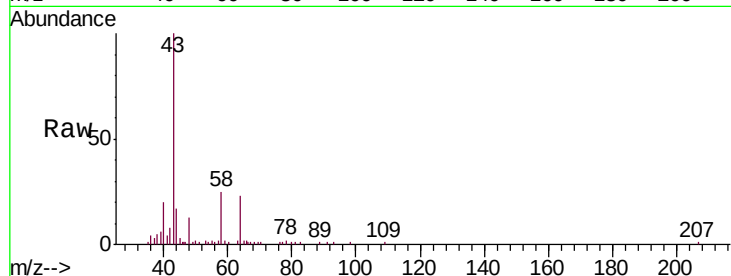




#15
Methyl Acetate
Concen: 5.269 ug/L
RT: 2.22 min Scan# 350
Delta R.T. -0.25 min
Lab File: VV011691.D
Acq: 21 Jun 2019 18:11

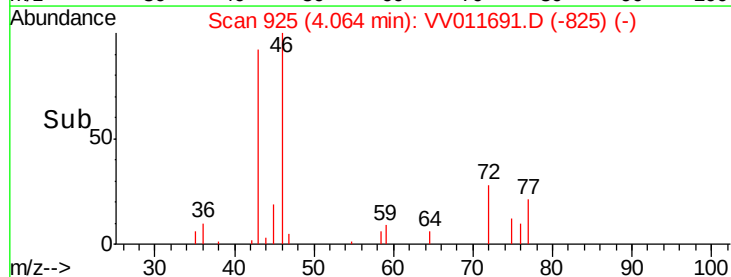
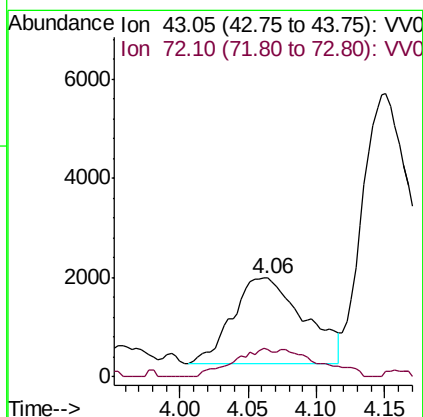
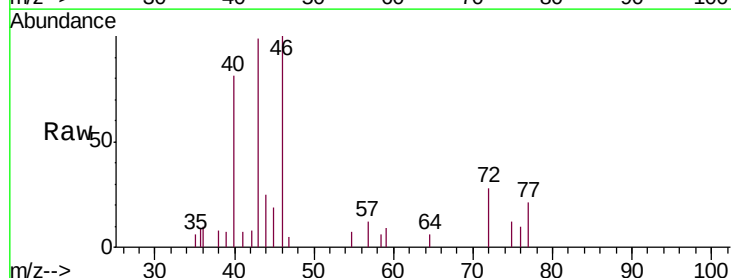
Instrument :
MSVOA_V
ClientSampled :
GALP9

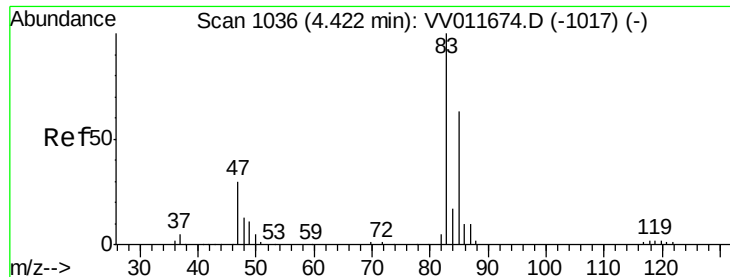
Tgt Ion: 43 Resp: 26650
Ion Ratio Lower Upper
43 100
74 0.2 16.2 24.2#



#21
2-Butanone
Concen: 1.907 ug/L
RT: 4.06 min Scan# 925
Delta R.T. 0.02 min
Lab File: VV011691.D
Acq: 21 Jun 2019 18:11

Tgt Ion: 43 Resp: 6242
Ion Ratio Lower Upper
43 100
72 18.1 10.9 32.6

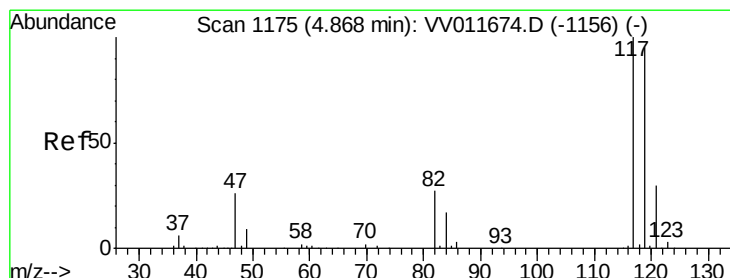
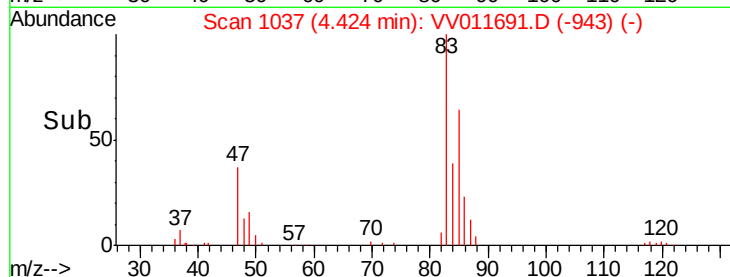
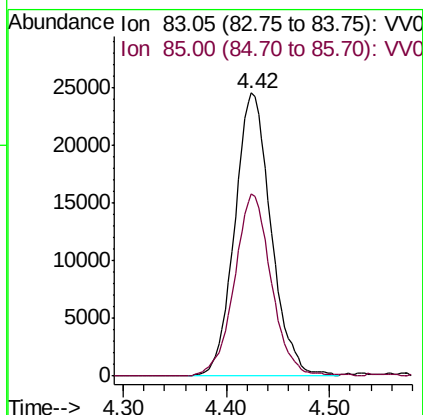
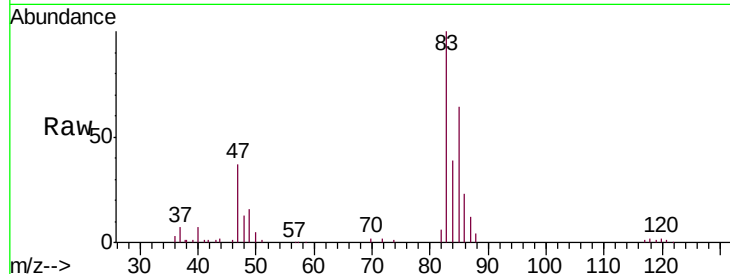




#25
Chloroform
Concen: 2.354 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV011691.D
Acq: 21 Jun 2019 18:11

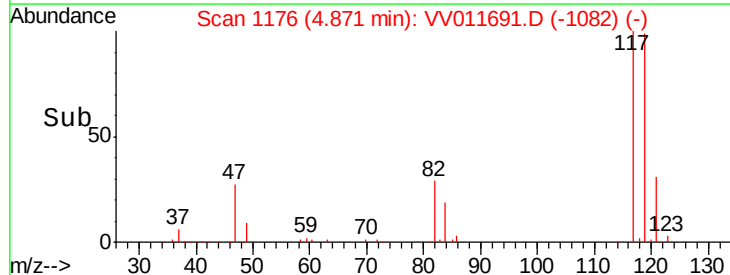
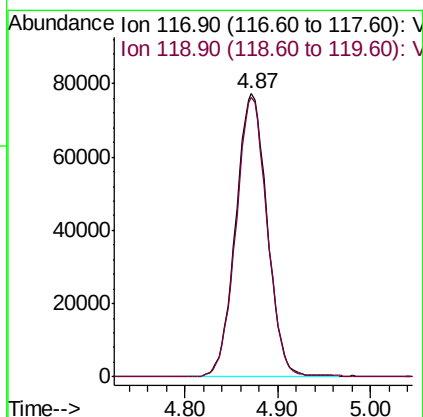
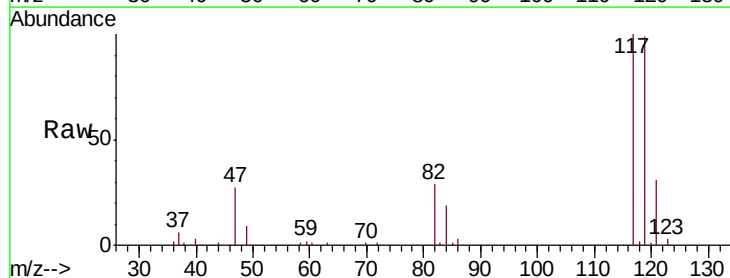
Instrument :
MSVOA_V
ClientSampled :
GALP9

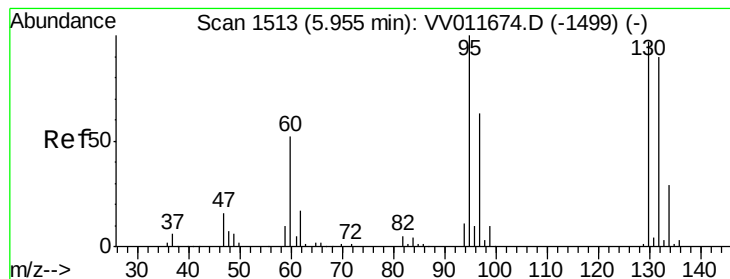
Tgt Ion: 83 Resp: 60128
Ion Ratio Lower Upper
83 100
85 64.4 47.0 87.2



#31
Carbon tetrachloride
Concen: 10.995 ug/L
RT: 4.87 min Scan# 1176
Delta R.T. 0.00 min
Lab File: VV011691.D
Acq: 21 Jun 2019 18:11

Tgt Ion: 117 Resp: 182136
Ion Ratio Lower Upper
117 100
119 97.4 77.1 115.7





#34

Trichloroethene

Concen: 0.640 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.01 min

Lab File: VV011691.D

Acq: 21 Jun 2019 18:11

Instrument :

MSVOA_V

ClientSampleId :

GALP9

Tgt Ion: 95 Resp: 8558

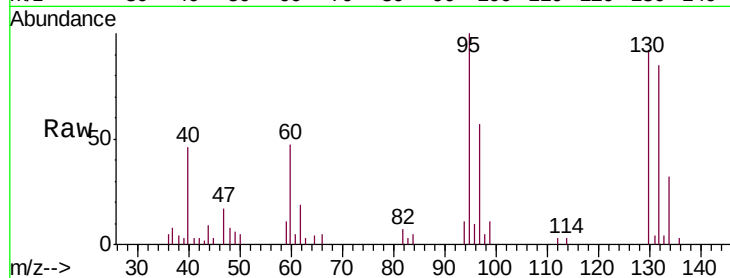
Ion Ratio Lower Upper

95 100

97 57.1 44.4 82.5

132 85.5 65.0 120.6

130 92.2 67.1 124.7

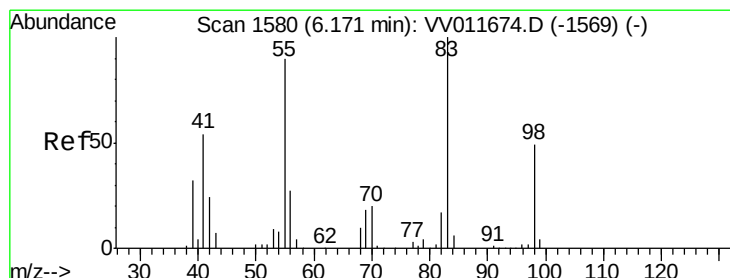
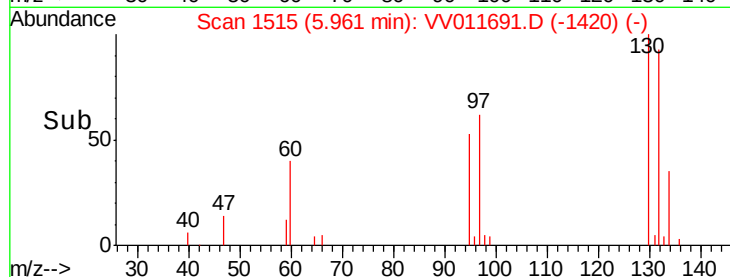
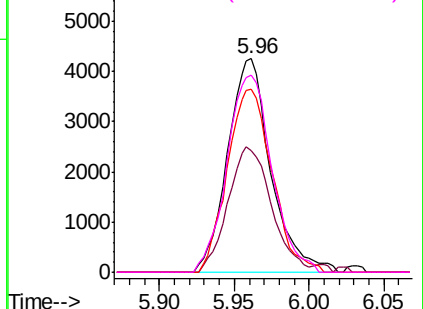


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.715 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.05 min

Lab File: VV011691.D

Acq: 21 Jun 2019 18:11

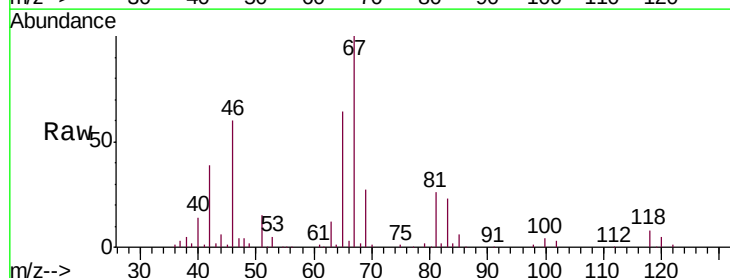
Tgt Ion: 83 Resp: 15438

Ion Ratio Lower Upper

83 100

55 0.1 69.4 104.2#

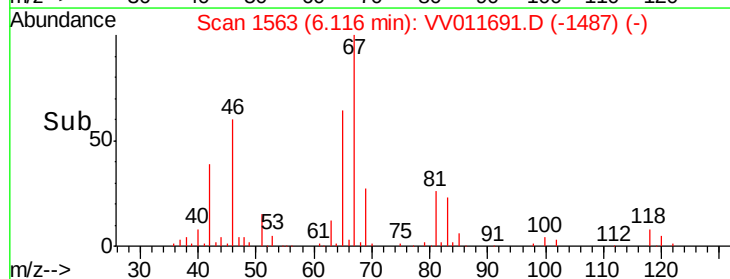
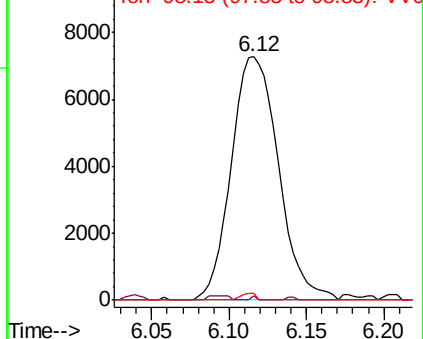
98 0.9 40.2 60.4#

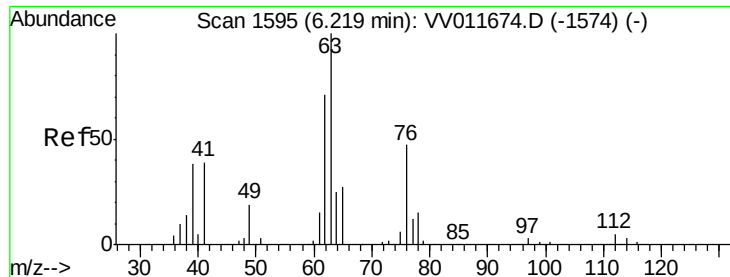


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

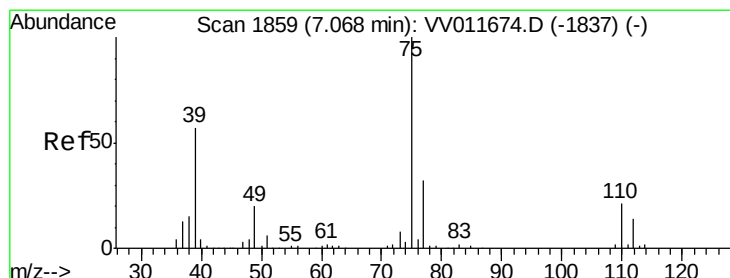
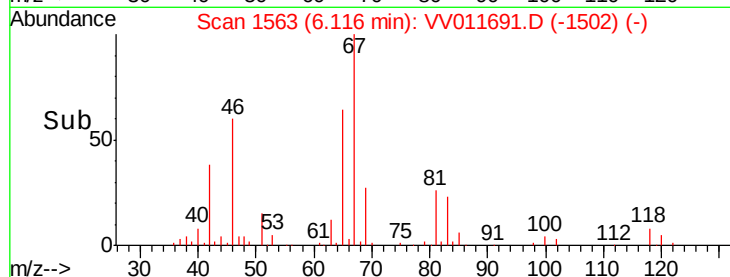
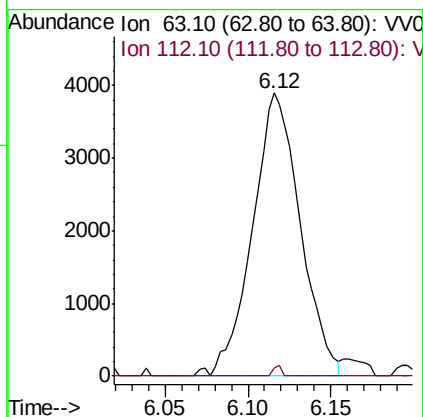
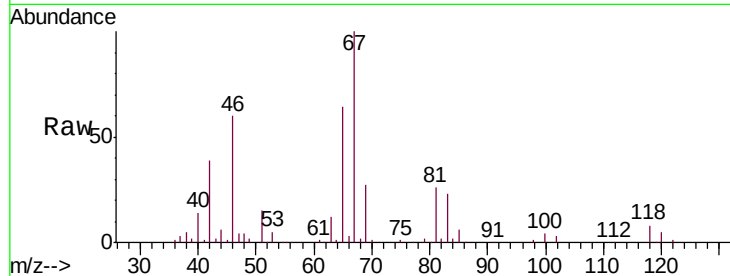




#37
 1,2-Dichloropropane
 Concen: 0.612 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV011691.D
 Acq: 21 Jun 2019 18:11

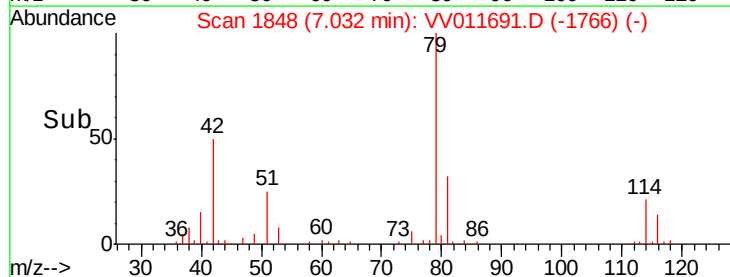
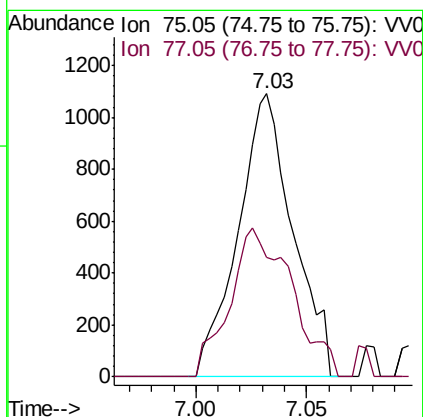
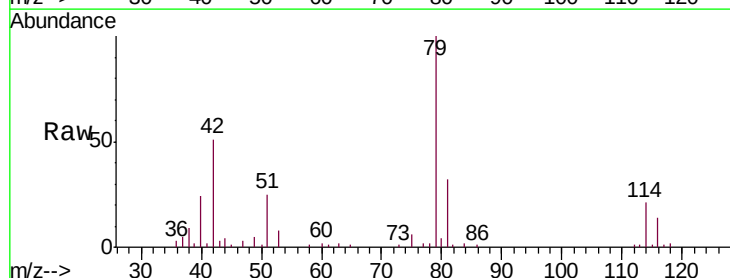
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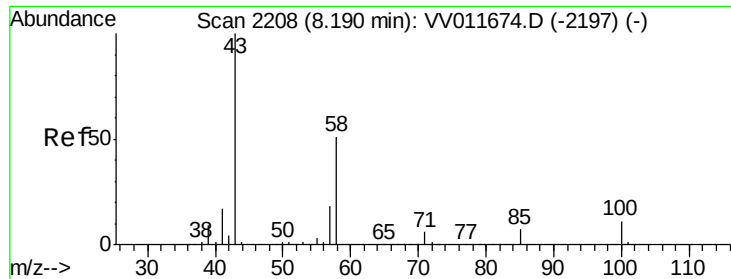
Tgt Ion: 63 Resp: 7840
 Ion Ratio Lower Upper
 63 100
 112 0.7 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.112 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV011691.D
 Acq: 21 Jun 2019 18:11

Tgt Ion: 75 Resp: 1883
 Ion Ratio Lower Upper
 75 100
 77 42.1 22.4 41.6#





#48
 2-Hexanone
 Concen: 3.096 ug/L
 RT: 8.14 min Scan# 2192
 Delta R.T. -0.05 min
 Lab File: VV011691.D
 Acq: 21 Jun 2019 18:11

Instrument :
 MSVOA_V
 ClientSampleId :
 GALP9

Tgt Ion:	43	Resp:	17494
Ion	Ratio	Lower	Upper
43	100		
58	29.2	40.1	60.1#
57	23.6	14.4	21.6#
100	1.1	8.6	12.8#

