

Data File : VW013816.D
Acq On : 30 Oct 2019 02:05
Operator : SY/VA
Sample : K5549-07RE
Misc : 4.10G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAQ60RE

Quant Time: Oct 30 08:20:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 30 08:16:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	119198	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	96401	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	31252	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	46013	31.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	125.84%
7) Chloroethane-d5	2.89	69	37220	27.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.04%
10) 1,1-Dichloroethene-d2	4.01	63	68123	21.09	ug/L	-0.02
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.36%
20) 2-Butanone-d5	7.08	46	37726	72.12	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	144.24%#
24) Chloroform-d	7.65	84	90315	27.08	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	108.32%
26) 1,2-Dichloroethane-d4	8.30	65	51919	29.77	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	119.08%
29) Benzene-d6	8.27	84	182062	31.43	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	125.72%
33) 1,2-Dichloropropane-d6	9.27	67	56007	32.38	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	129.52%#
37) Toluene-d8	10.32	98	148584	27.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	111.28%
38) trans-1,3-Dichloropropene-	10.58	79	21084	27.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	108.08%
39) 2-Hexanone-d5	10.93	63	32119	97.13	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	194.26%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	54276	38.31	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	153.24%#
61) 1,2-Dichlorobenzene-d4	13.85	152	31650	28.66	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	114.64%

Target Compounds

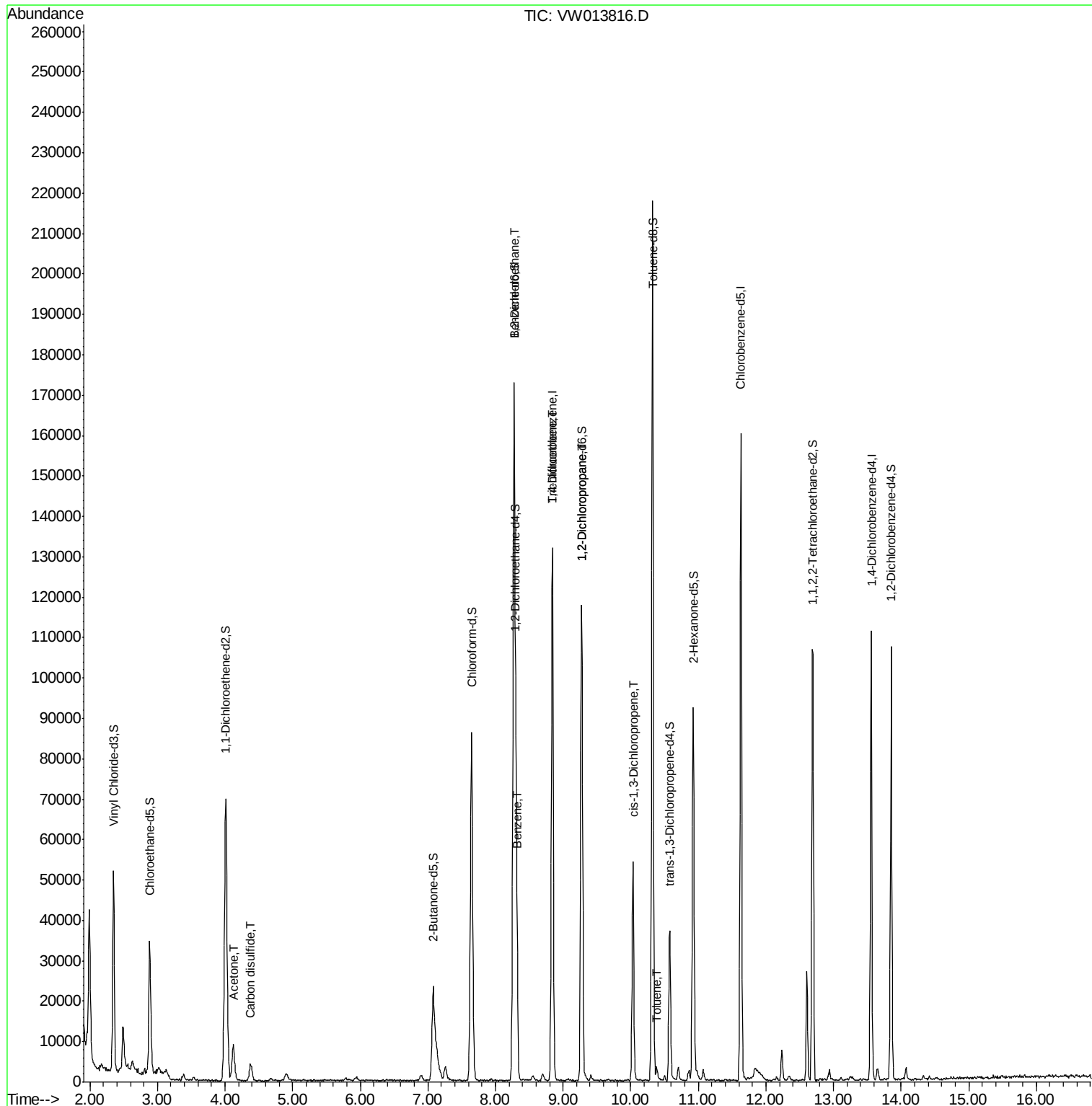
					Qvalue
13) Acetone	4.12	43	15549	26.784 ug/L	94
14) Carbon disulfide	4.37	76	6096	1.125 ug/L	99
27) 1,2-Dichloroethane	8.27	62	569	0.249 ug/L #	69
34) Benzene	8.32	78	2674	0.387 ug/L	100
35) Trichloroethene	8.85	95	3368	1.898 ug/L #	2
40) 1,2-Dichloropropane	9.27	63	6103	3.609 ug/L #	85
42) cis-1,3-Dichloropropene	10.04	75	1191	0.446 ug/L #	1
44) Toluene	10.38	91	2296	0.309 ug/L	93

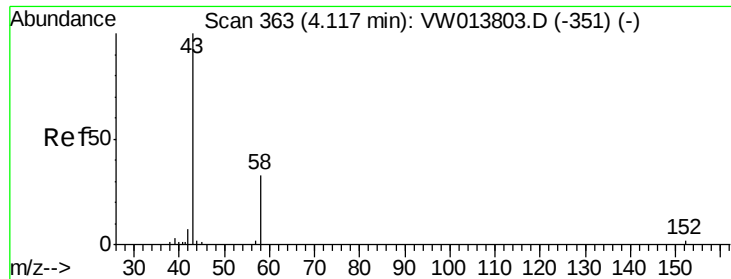
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 26.784 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

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Acq: 30 Oct 2019 02:05

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MSVOA_W

ClientSampleId :

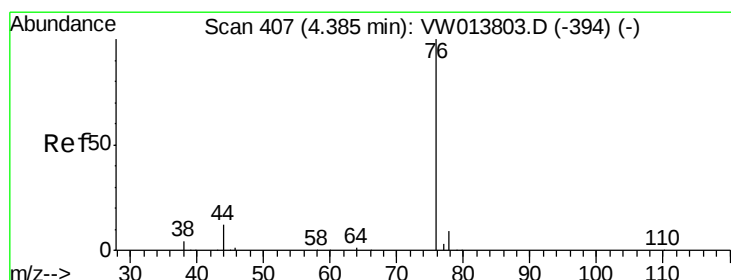
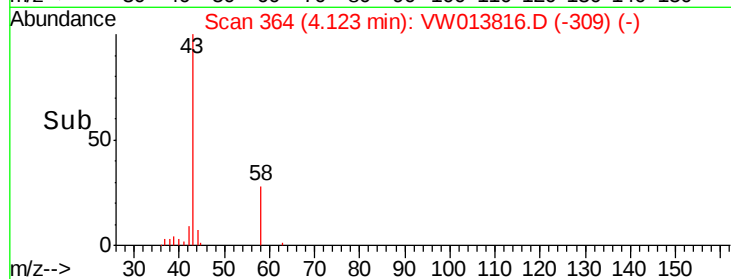
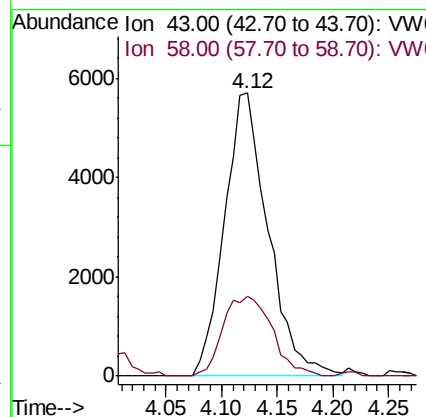
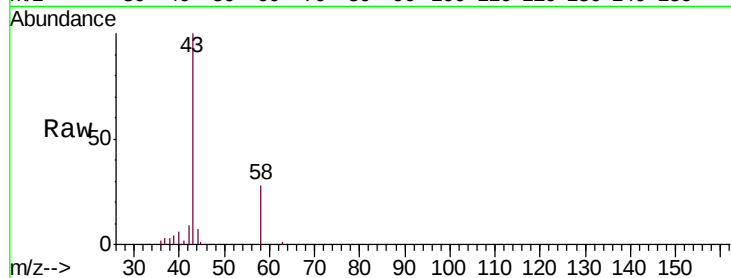
GAQ60RE

Tgt Ion: 43 Resp: 15549

Ion Ratio Lower Upper

43 100

58 31.7 0.0 70.4



#14

Carbon disulfide

Concen: 1.125 ug/L

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

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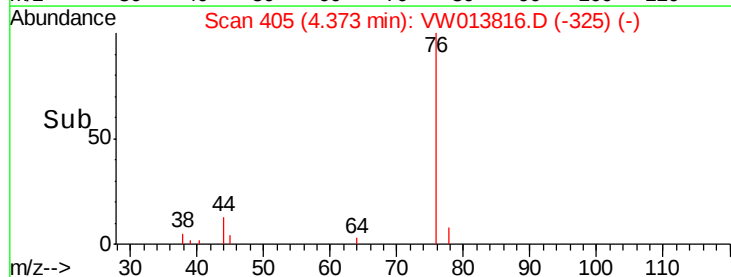
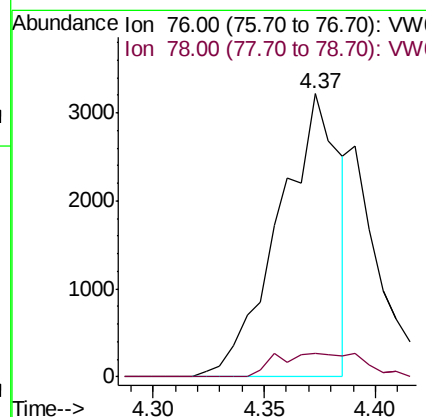
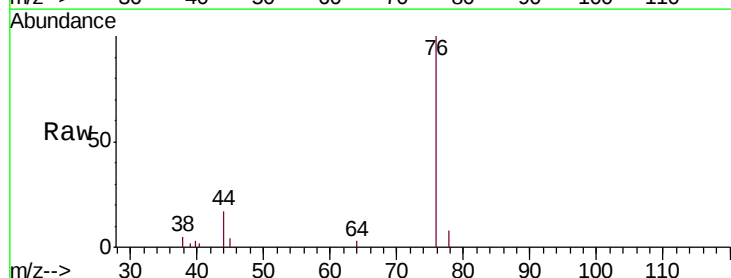
Acq: 30 Oct 2019 02:05

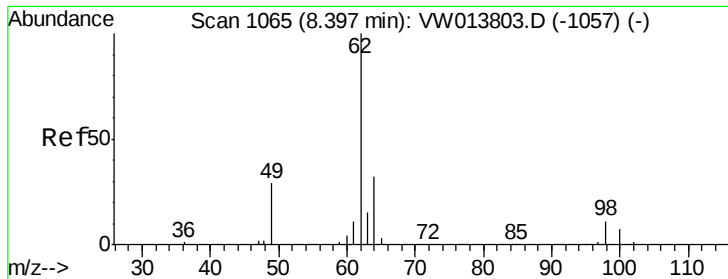
Tgt Ion: 76 Resp: 6096

Ion Ratio Lower Upper

76 100

78 8.4 7.1 10.7

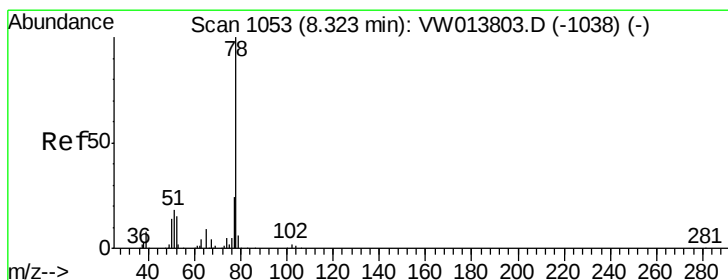
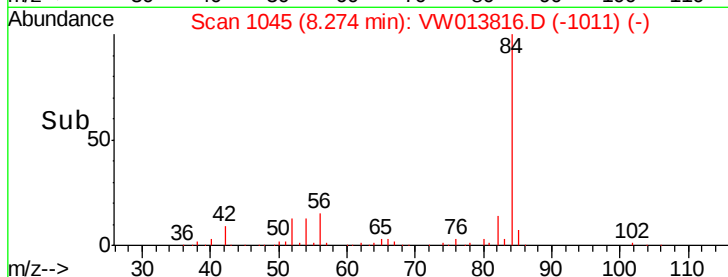
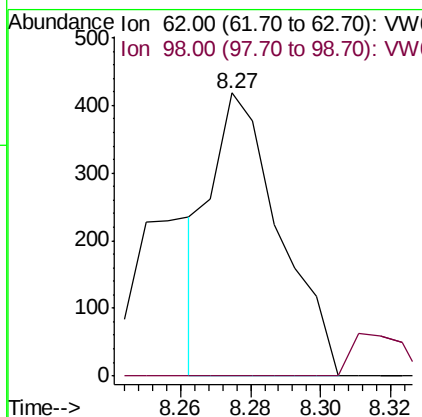
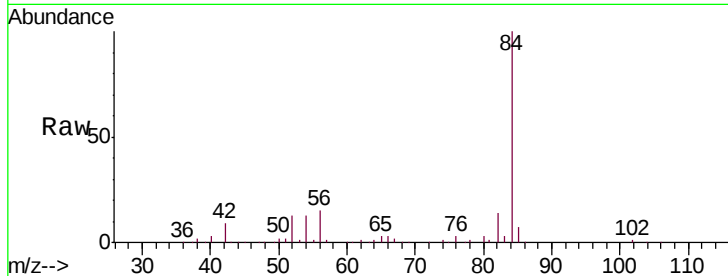




#27
 1,2-Dichloroethane
 Concen: 0.249 ug/L
 RT: 8.27 min Scan# 1045
 Delta R.T. -0.12 min
 Lab File: VW013816.D
 Acq: 30 Oct 2019 02:05

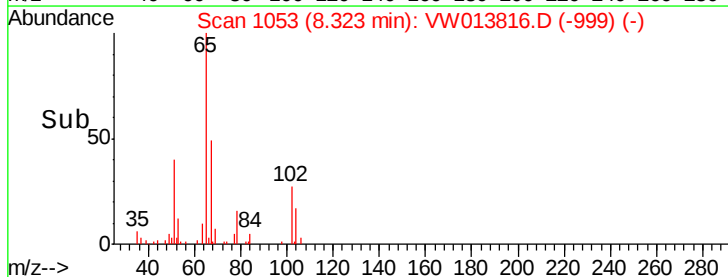
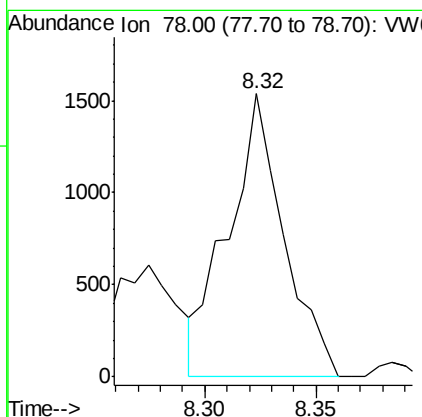
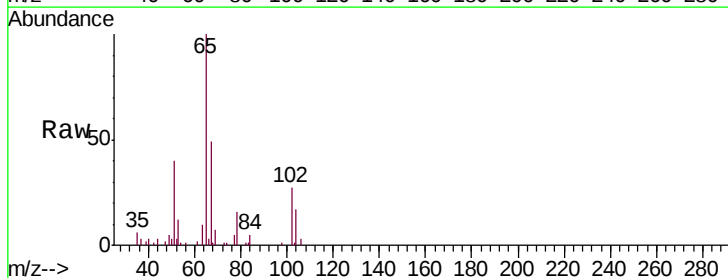
Instrument :
 MSVOA_W
 ClientSampleId :
 GAQ60RE

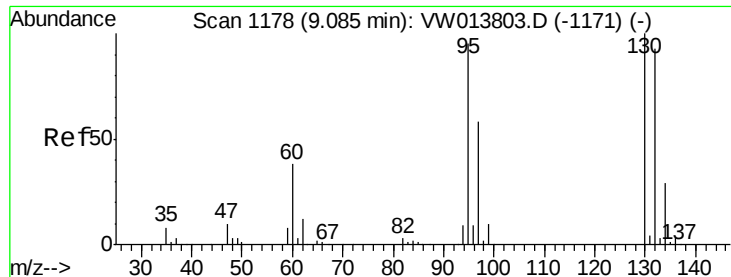
Tgt Ion: 62 Resp: 569
 Ion Ratio Lower Upper
 62 100
 98 0.0 9.6 14.4#



#34
 Benzene
 Concen: 0.387 ug/L
 RT: 8.32 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VW013816.D
 Acq: 30 Oct 2019 02:05

Tgt Ion: 78 Resp: 2674





#35

Trichloroethene

Concen: 1.898 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW013816.D

Acq: 30 Oct 2019 02:05

Instrument :

MSVOA_W

ClientSampleId :

GAQ60RE

Tgt Ion: 95 Resp: 3368

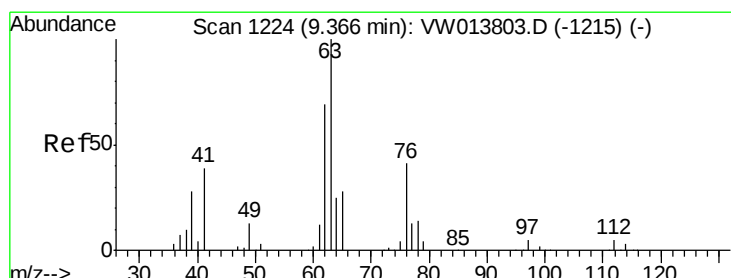
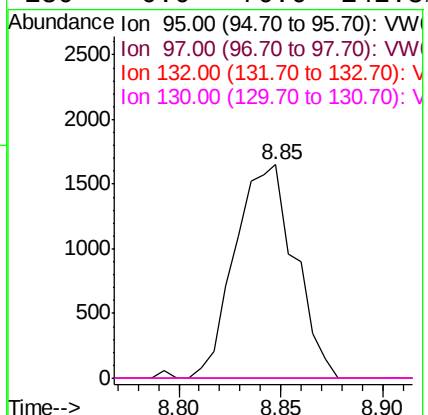
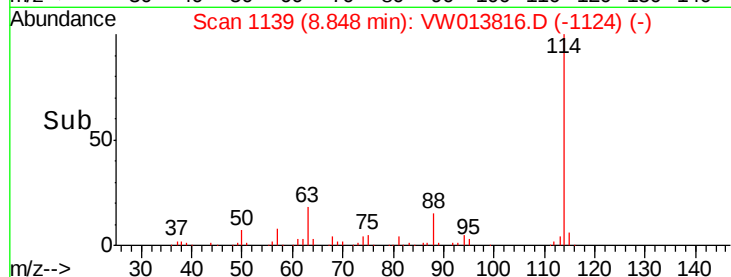
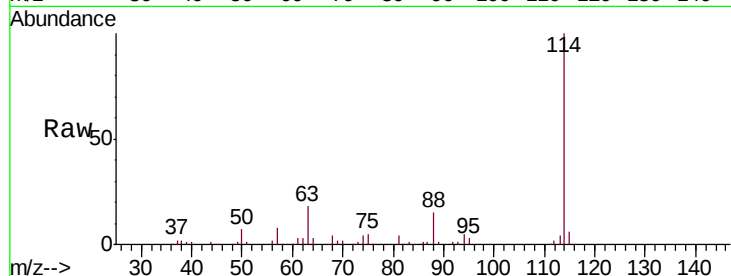
Ion Ratio Lower Upper

95 100

97 0.0 45.8 85.2#

132 0.0 74.3 138.1#

130 0.0 76.6 142.3#



#40

1,2-Dichloropropane

Concen: 3.609 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.09 min

Lab File: VW013816.D

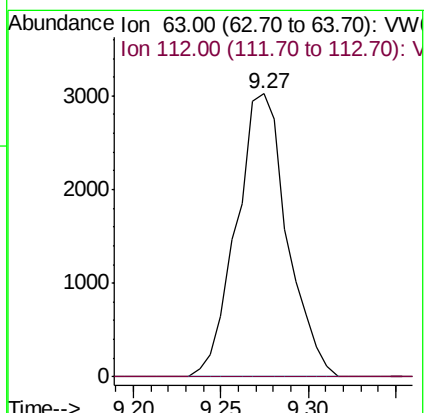
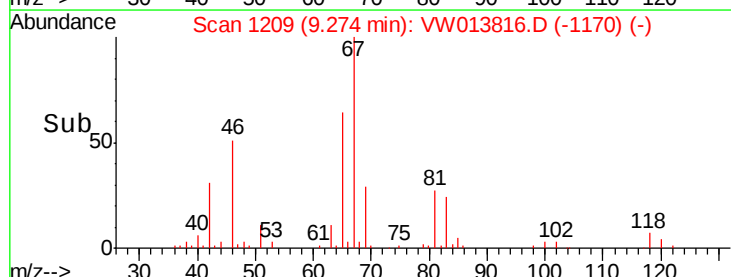
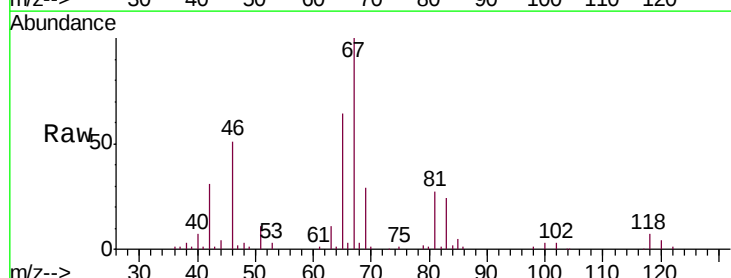
Acq: 30 Oct 2019 02:05

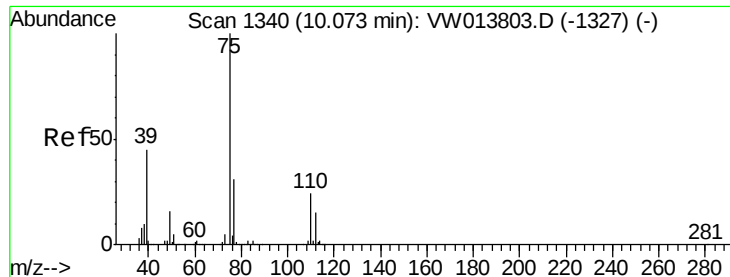
Tgt Ion: 63 Resp: 6103

Ion Ratio Lower Upper

63 100

112 0.0 3.9 5.9#





#42

cis-1,3-Dichloroprene

Concen: 0.446 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW013816.D

Acq: 30 Oct 2019 02:05

Instrument :

MSVOA_W

ClientSampleId :

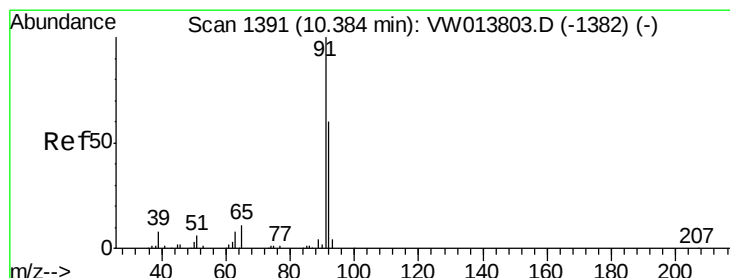
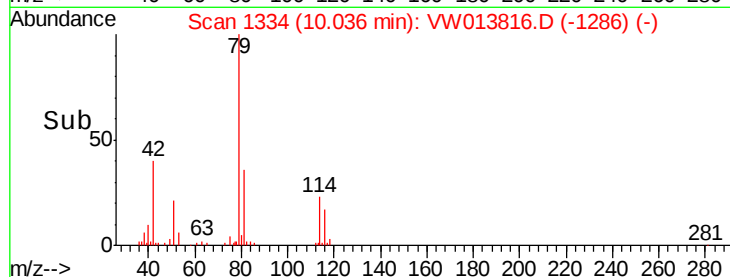
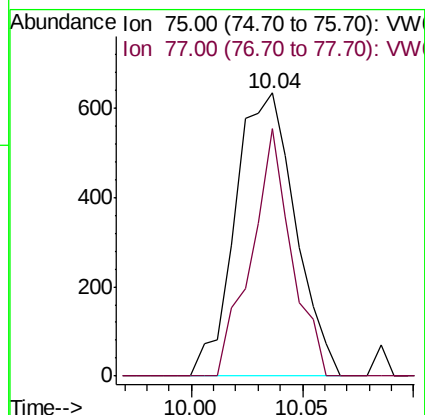
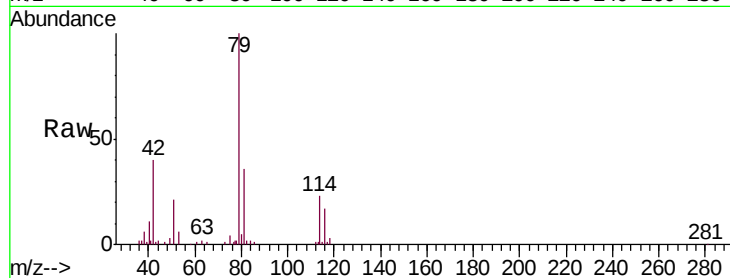
GAQ60RE

Tgt Ion: 75 Resp: 1191

Ion Ratio Lower Upper

75 100

77 87.5 22.5 41.9#



#44

Toluene

Concen: 0.309 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW013816.D

Acq: 30 Oct 2019 02:05

Tgt Ion: 91 Resp: 2296

Ion Ratio Lower Upper

91 100

92 65.6 42.0 78.0

