

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102119\
 Data File : VW013639.D
 Acq On : 21 Oct 2019 16:44
 Operator : SY/VA
 Sample : K5422-07
 Misc : 6.11G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 21 18:30:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 21 16:37:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	116125	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	108264	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	45905	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	45496	31.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	127.72%
7) Chloroethane-d5	2.89	69	39779	29.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	119.64%
10) 1,1-Dichloroethene-d2	4.01	63	70508	22.41	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.64%
20) 2-Butanone-d5	7.07	46	20158	39.56	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.12%
24) Chloroform-d	7.65	84	87604	26.96	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.84%
26) 1,2-Dichloroethane-d4	8.31	65	45398	26.72	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.88%
29) Benzene-d6	8.27	84	186928	28.74	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	114.96%
33) 1,2-Dichloropropane-d6	9.27	67	56477	29.07	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	116.28%
37) Toluene-d8	10.32	98	169335	28.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	112.92%
38) trans-1,3-Dichloropropene-	10.58	79	20746	23.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.68%
39) 2-Hexanone-d5	10.92	63	15056	40.54	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.08%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	38093	23.94	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.76%
61) 1,2-Dichlorobenzene-d4	13.85	152	41738	25.73	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.92%

Target Compounds

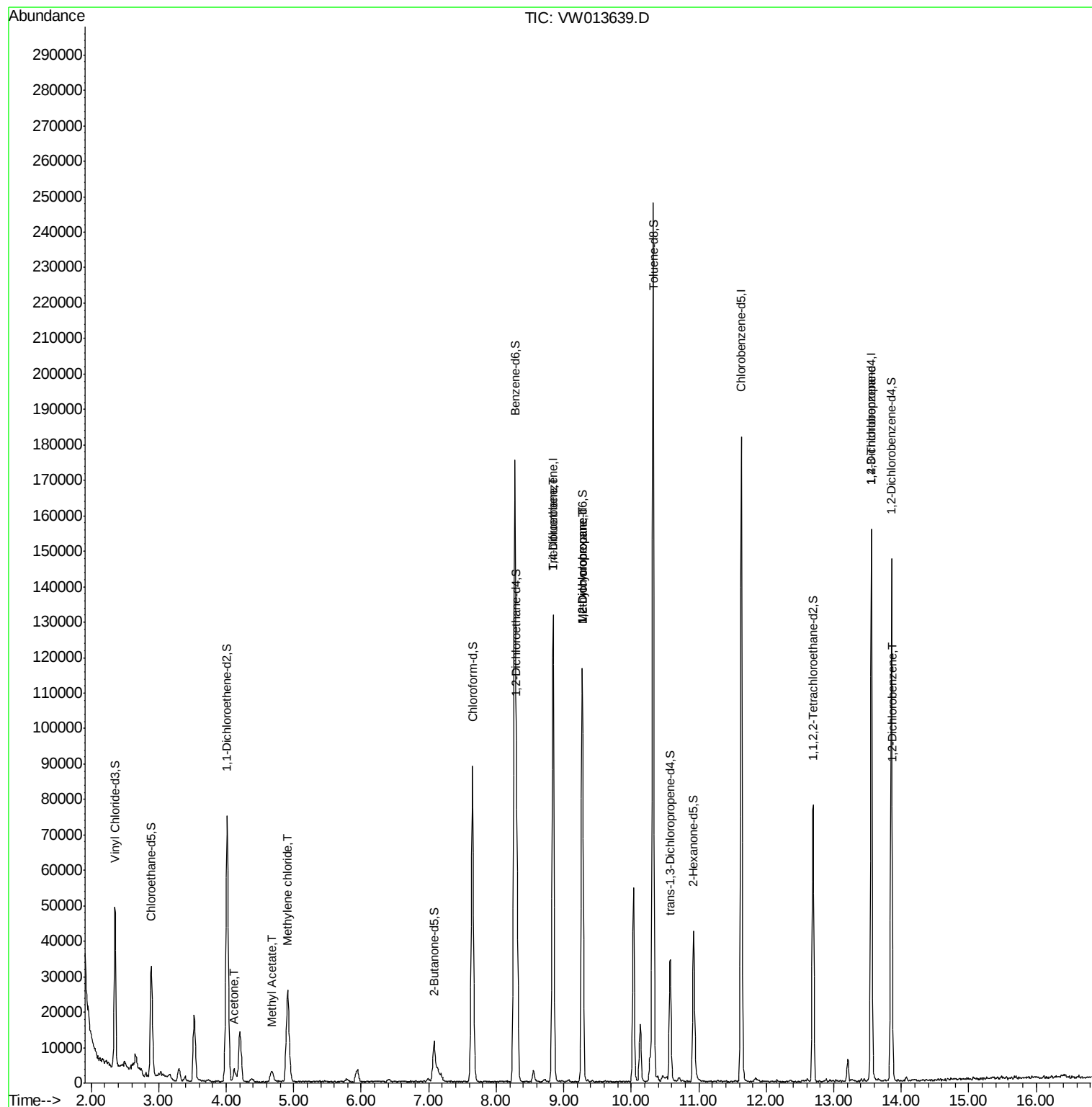
					Ovalue
13) Acetone	4.12	43	3990	7.055 ug/L	83
15) Methyl Acetate	4.67	43	6706	7.257 ug/L	91
16) Methylene chloride	4.91	84	20169	9.070 ug/L	97
35) Trichloroethene	8.84	95	3617	1.815 ug/L #	2
36) Methylcyclohexane	9.27	83	13185	3.753 ug/L #	19
40) 1,2-Dichloropropane	9.27	63	5938	3.126 ug/L #	85
59) 1,2,3-Trichloropropane	13.55	75	4709	3.678 ug/L	94
65) 1,2-Dichlorobenzene	13.87	146	2090	0.741 ug/L	97

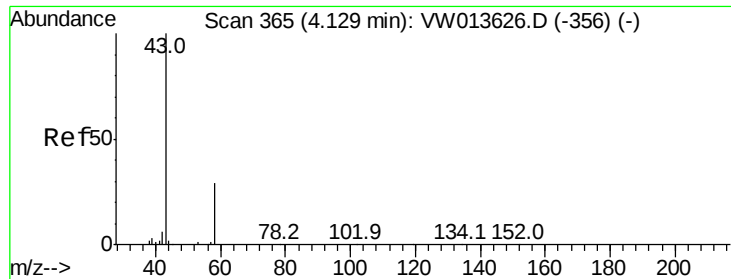
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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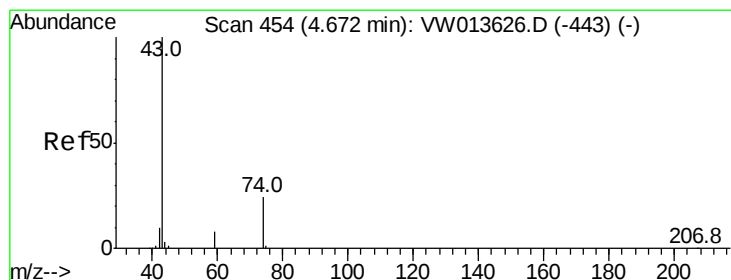
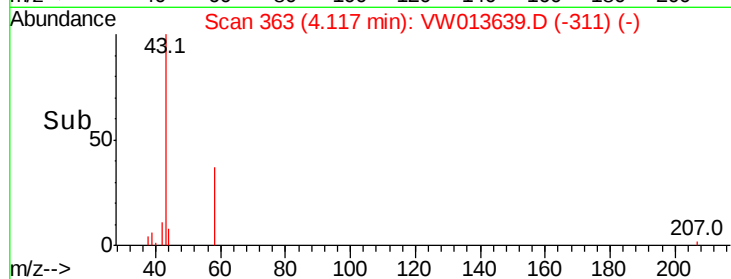
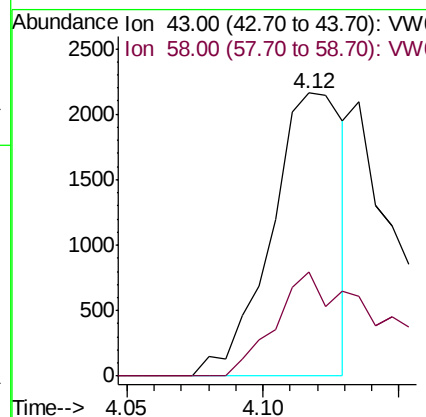
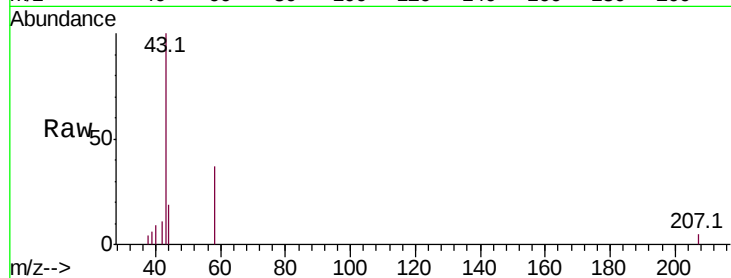




#13
Acetone
Concen: 7.055 ug/L
RT: 4.12 min Scan# 363
Delta R.T. -0.01 min
Lab File: VW013639.D
Acq: 21 Oct 2019 16:44

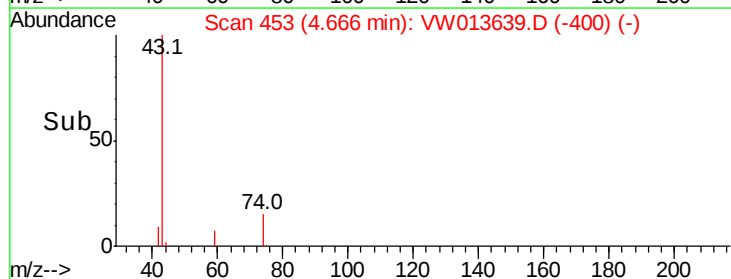
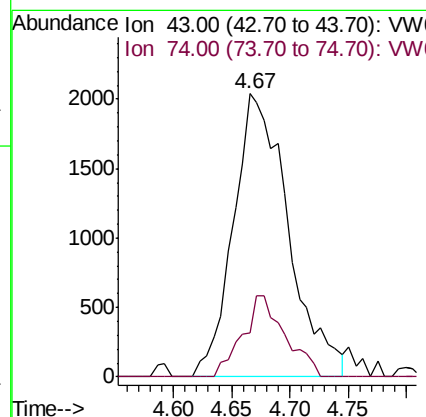
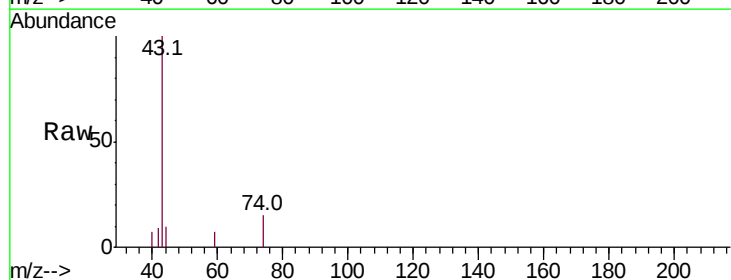
Instrument :
MSVOA_W
ClientSampleId :

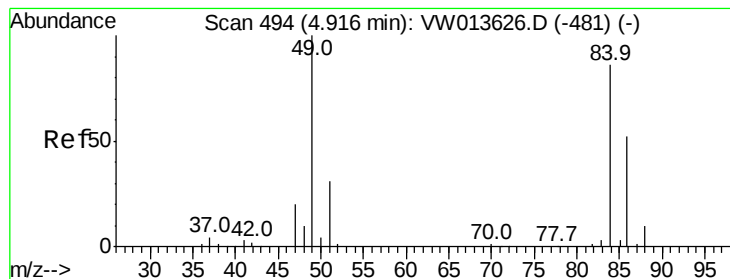
Tot Ion: 43 Resp: 3990
Ion Ratio Lower Upper
43 100
58 25.5 0.0 70.4



#15
Methyl Acetate
Concen: 7.257 ug/L
RT: 4.67 min Scan# 453
Delta R.T. -0.01 min
Lab File: VW013639.D
Acq: 21 Oct 2019 16:44

Tgt Ion: 43 Resp: 6706
Ion Ratio Lower Upper
43 100
74 19.5 19.2 28.8





#16

Methvlene chloride

Concen: 9.070 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW013639.D

Acq: 21 Oct 2019 16:44

Instrument :

MSVOA_W

ClientSampleId :

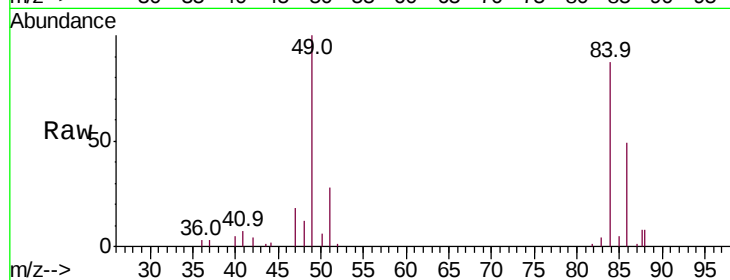
Tot Ion: 84 Resp: 20169

Ion Ratio Lower Upper

84 100

49 115.0 80.2 148.9

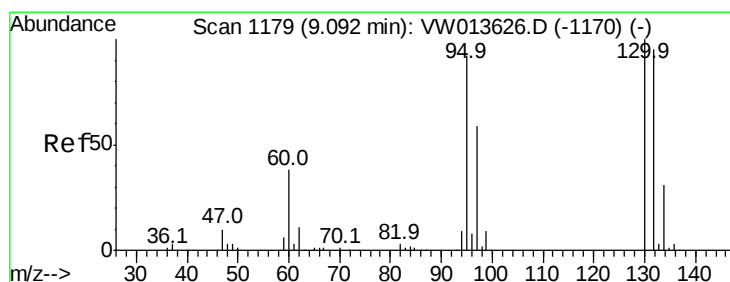
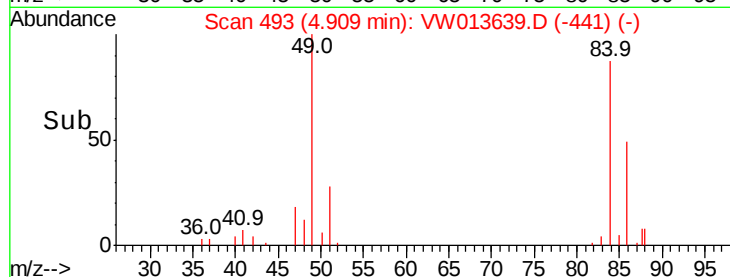
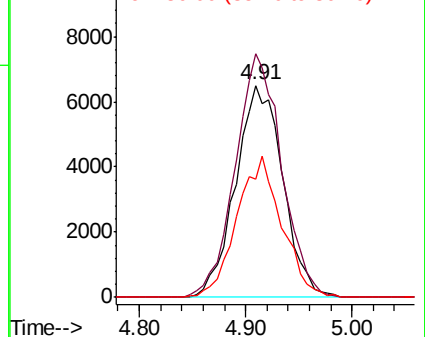
86 56.0 42.7 79.3



Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW



#35

Trichloroethene

Concen: 1.815 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW013639.D

Acq: 21 Oct 2019 16:44

Tgt Ion: 95 Resp: 3617

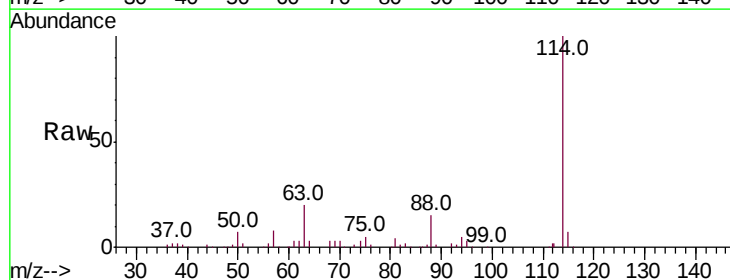
Ion Ratio Lower Upper

95 100

97 0.0 45.8 85.2#

132 0.0 74.3 138.1#

130 0.0 76.6 142.3#

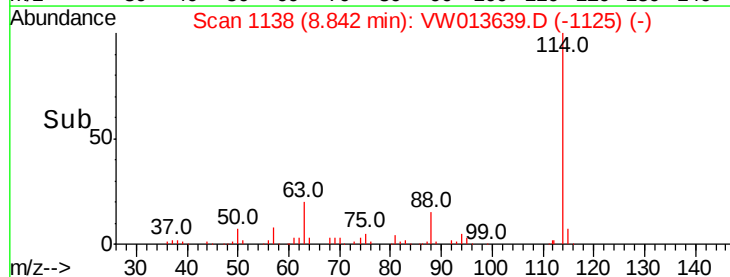
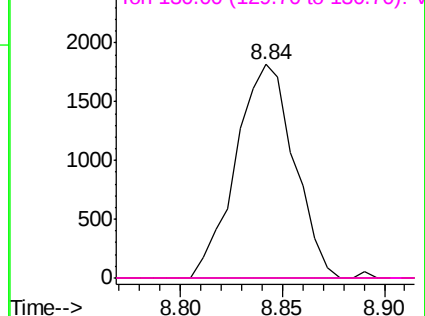


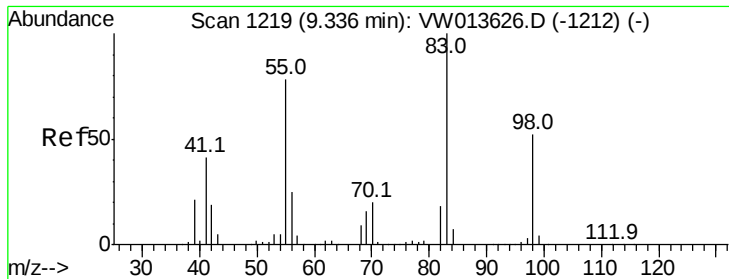
Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

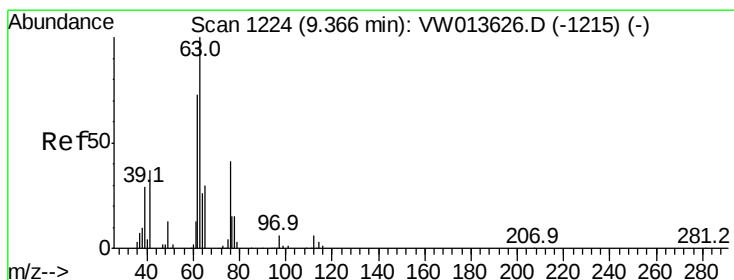
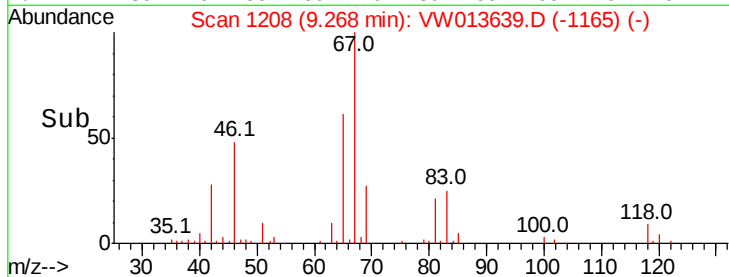
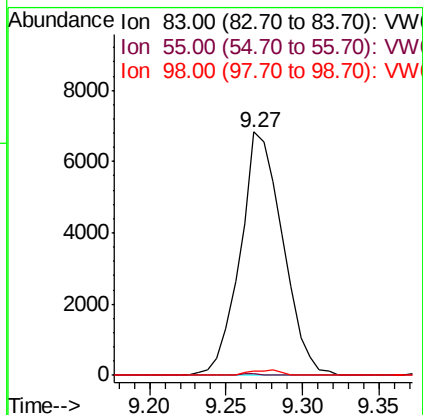
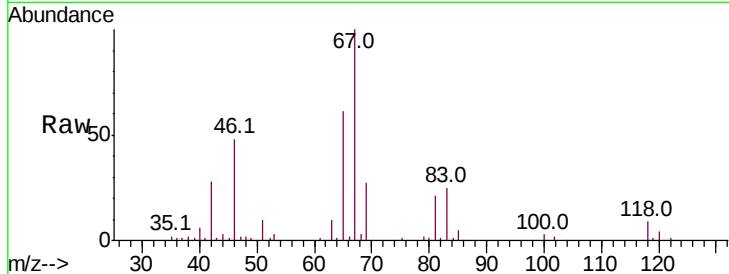




#36
Methvlcvclohexane
Concen: 3.753 ug/L
RT: 9.27 min Scan# 1208
Delta R.T. -0.07 min
Lab File: VW013639.D
Acq: 21 Oct 2019 16:44

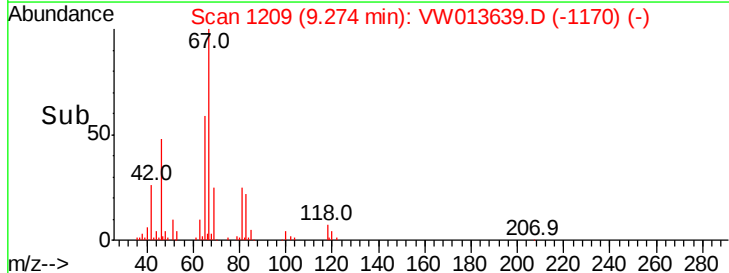
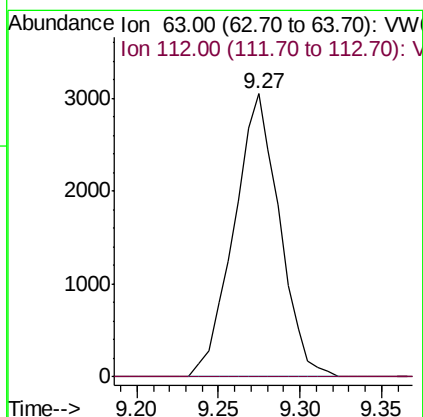
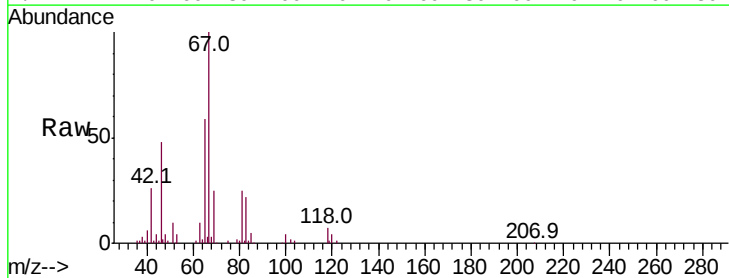
Instrument :
MSVOA_W
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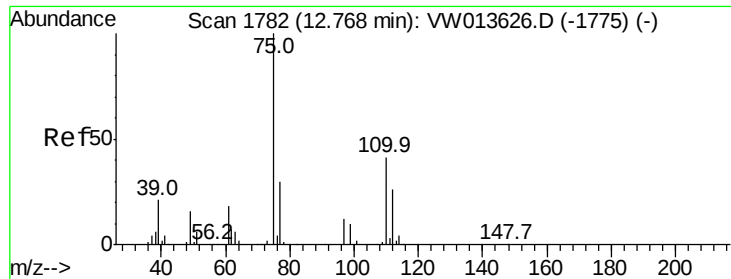
Tot Ion: 83 Resp: 13185
Ion Ratio Lower Upper
83 100
55 0.3 60.2 90.4#
98 1.6 39.1 58.7#



#40
1,2-Dichloropropane
Concen: 3.126 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.09 min
Lab File: VW013639.D
Acq: 21 Oct 2019 16:44

Tgt Ion: 63 Resp: 5938
Ion Ratio Lower Upper
63 100
112 0.0 3.9 5.9#

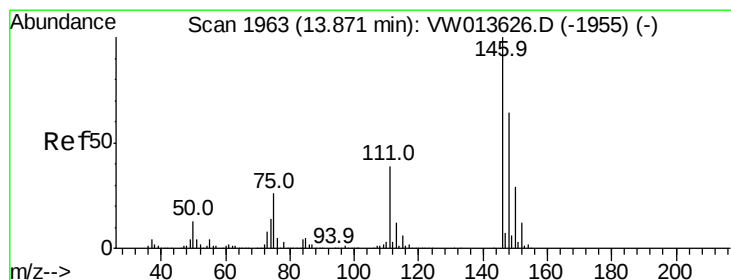
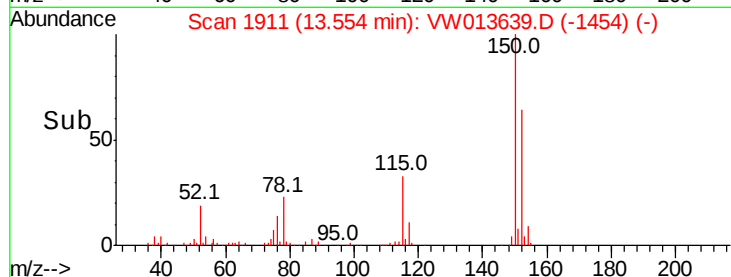
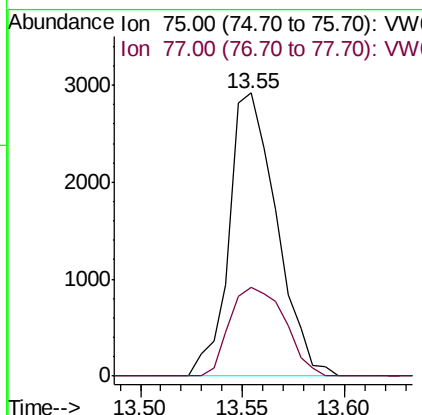
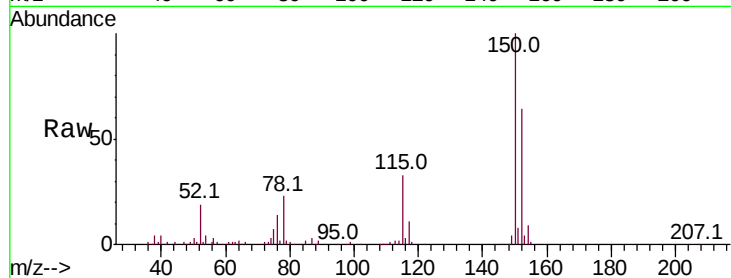




#59
 1,2,3-Trichloropropane
 Concen: 3.678 ug/L
 RT: 13.55 min Scan# 1911
 Delta R.T. 0.79 min
 Lab File: VW013639.D
 Acq: 21 Oct 2019 16:44

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 75 Resp: 4709
 Ion Ratio Lower Upper
 75 100
 77 36.4 26.4 39.6



#65
 1,2-Dichlorobenzene
 Concen: 0.741 ug/L
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW013639.D
 Acq: 21 Oct 2019 16:44

Tgt Ion: 146 Resp: 2090
 Ion Ratio Lower Upper
 146 100
 111 40.0 30.7 46.1
 148 69.5 53.3 79.9

