

Data File : VW013791.D
Acq On : 29 Oct 2019 14:16
Operator : SY/VA
Sample : K5552-06
Misc : 7.17G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAQ79

Quant Time: Oct 30 07:02:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 30 06:58:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	111161	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	109594	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	52742	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	39004	28.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	114.40%
7) Chloroethane-d5	2.89	69	31451	24.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.80%
10) 1,1-Dichloroethene-d2	4.01	63	60096	19.95	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.80%
20) 2-Butanone-d5	7.08	46	32398	66.42	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	132.84%
24) Chloroform-d	7.65	84	77369	24.87	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.48%
26) 1,2-Dichloroethane-d4	8.31	65	46064	28.32	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.28%
29) Benzene-d6	8.27	84	163620	24.85	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.40%
33) 1,2-Dichloropropane-d6	9.27	67	50075	25.46	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.84%
37) Toluene-d8	10.32	98	145073	23.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.56%
38) trans-1,3-Dichloropropene-	10.58	79	21577	24.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.28%
39) 2-Hexanone-d5	10.93	63	28816	76.65	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	153.30%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	54730	33.98	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	135.92%#
61) 1,2-Dichlorobenzene-d4	13.85	152	47949	25.73	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.92%

Target Compounds

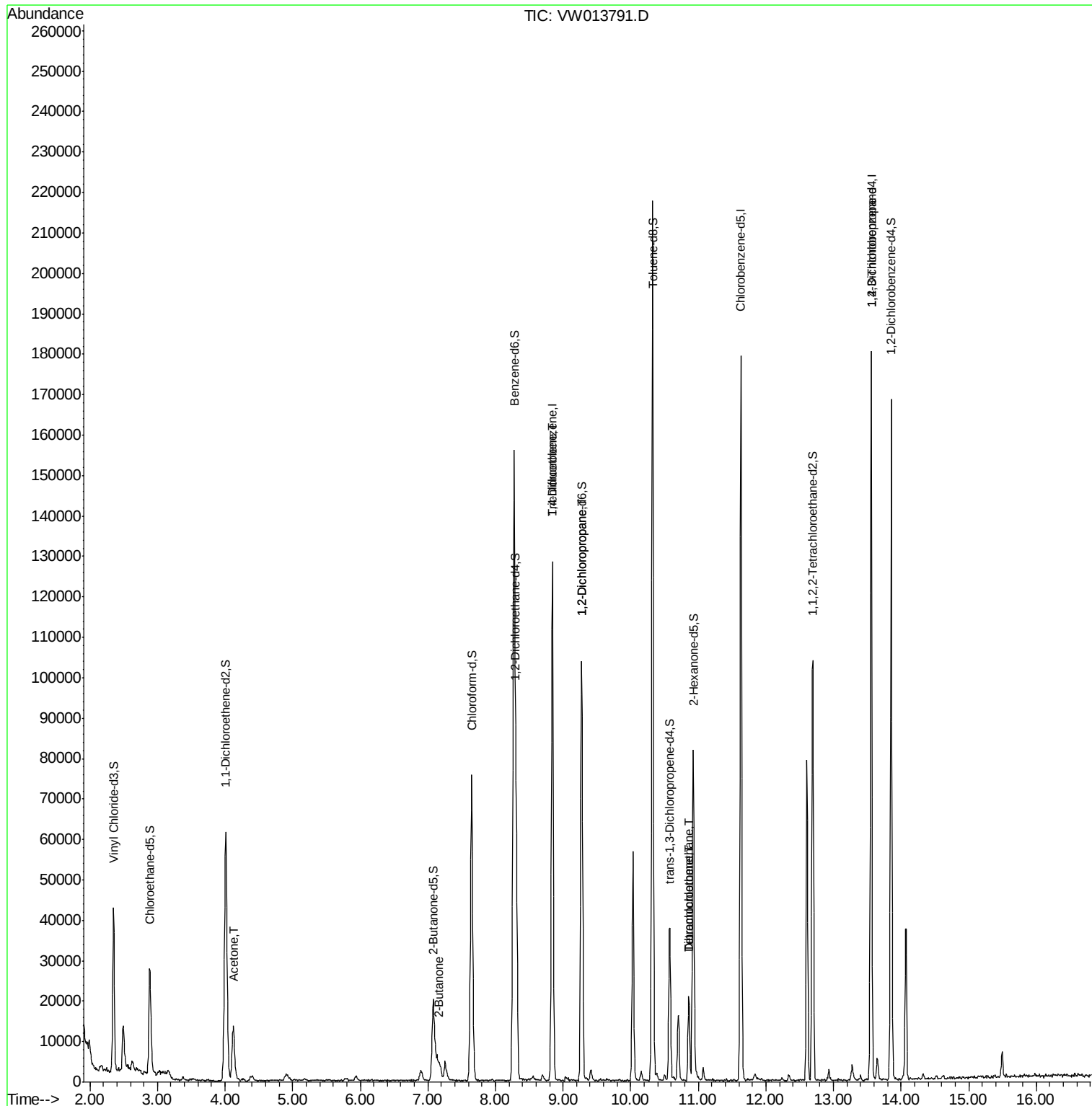
					Qvalue
13) Acetone	4.12	43	23882	44.112 ug/L	95
21) 2-Butanone	7.17	43	2880	4.190 ug/L	93
35) Trichloroethene	8.85	95	3204	1.588 ug/L #	2
40) 1,2-Dichloropropane	9.27	63	5428	2.823 ug/L #	85
47) Tetrachloroethene	10.86	164	4907	2.657 ug/L	93
50) Dibromochloromethane	10.86	129	4441	2.538 ug/L #	13
59) 1,2,3-Trichloropropane	13.55	75	5019	3.873 ug/L	93

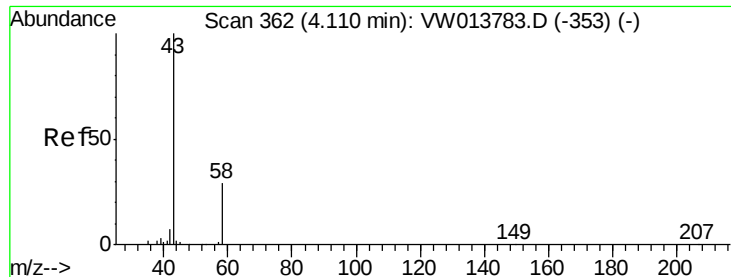
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 44.112 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

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Acq: 29 Oct 2019 14:16

Instrument :

MSVOA_W

ClientSampled :

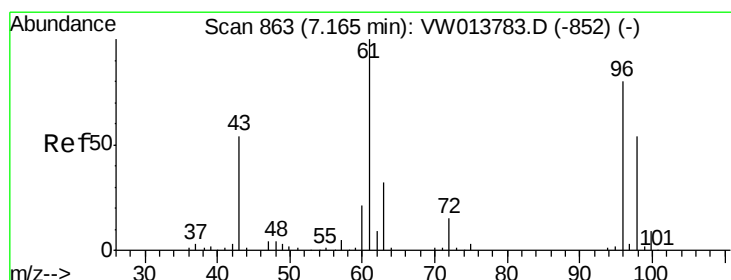
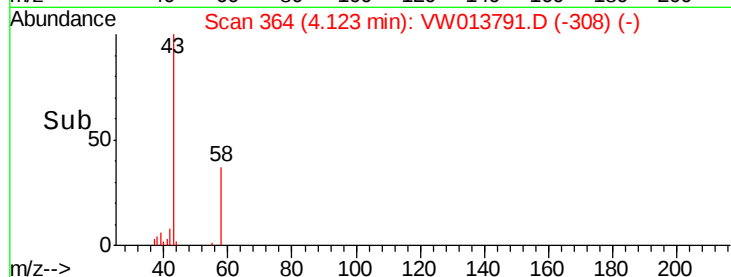
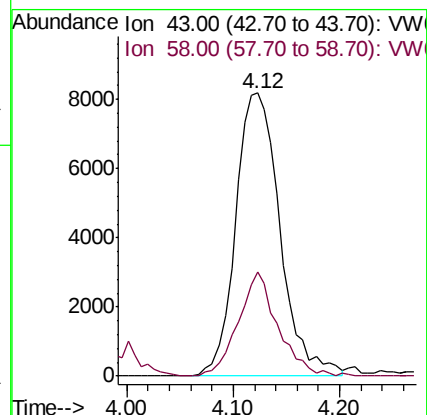
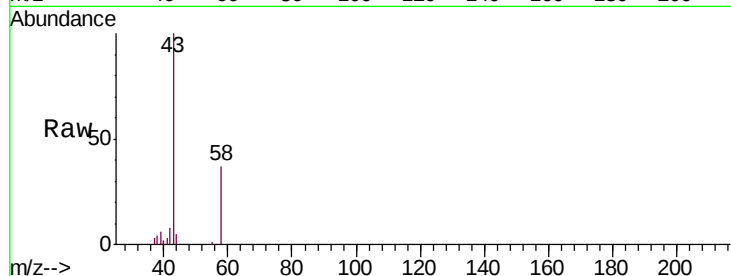
GAQ79

Tgt Ion: 43 Resp: 23882

Ion Ratio Lower Upper

43 100

58 32.3 0.0 70.4



#21

2-Butanone

Concen: 4.190 ug/L

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

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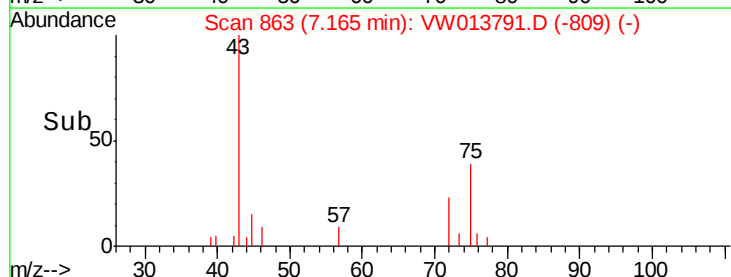
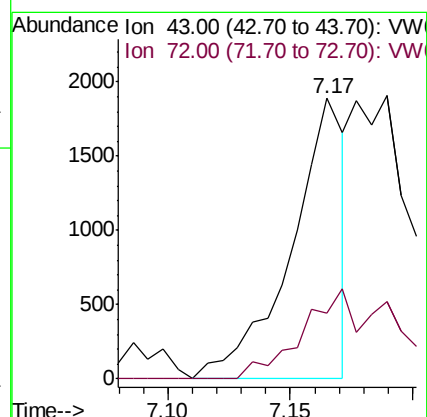
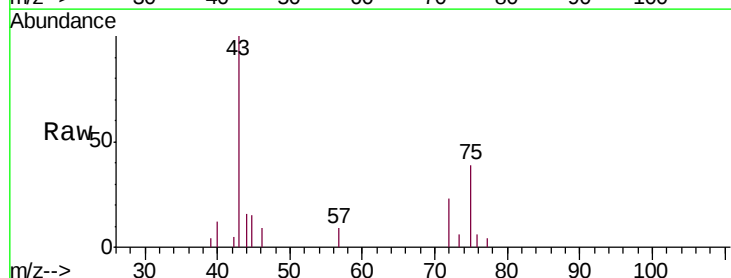
Acq: 29 Oct 2019 14:16

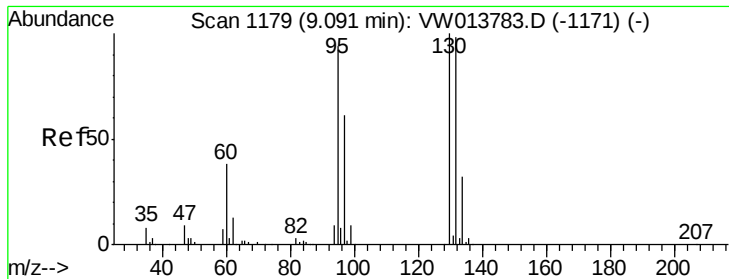
Tgt Ion: 43 Resp: 2880

Ion Ratio Lower Upper

43 100

72 30.9 13.7 41.1

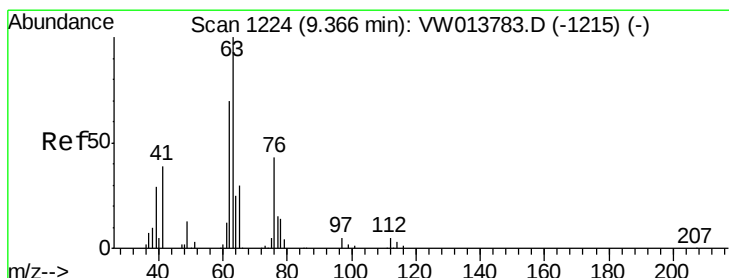
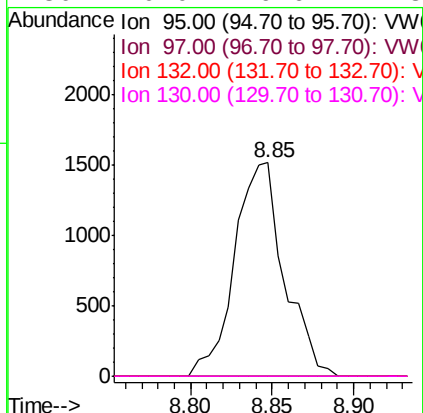
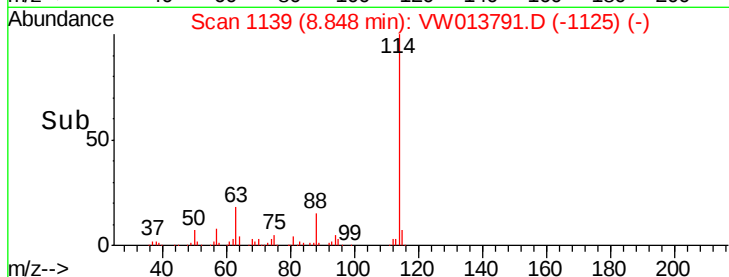
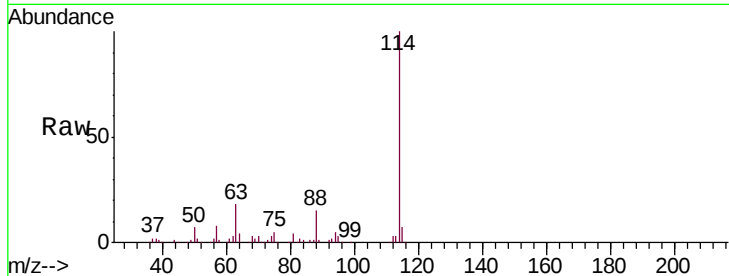




#35
 Trichloroethene
 Concen: 1.588 ug/L
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.24 min
 Lab File: VW013791.D
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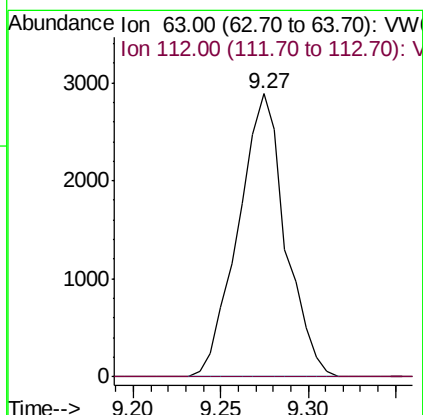
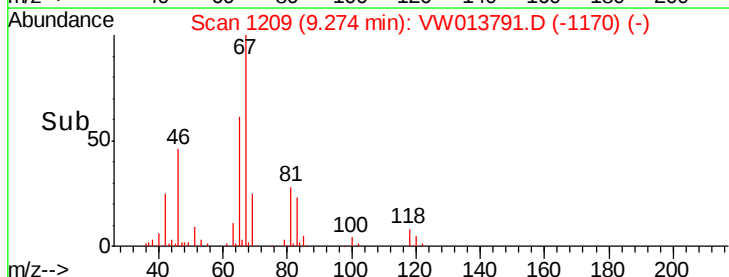
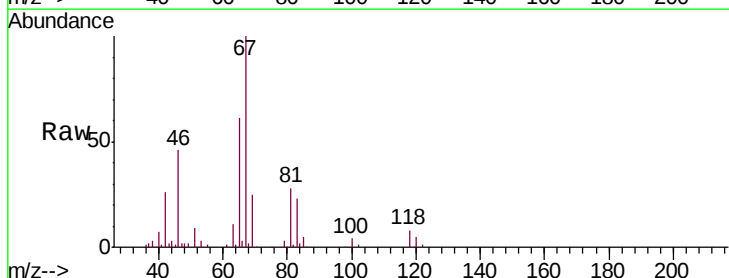
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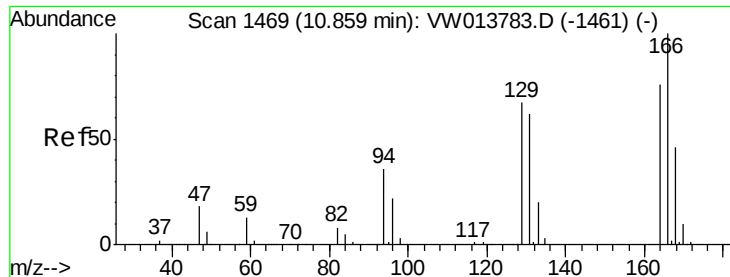
Tgt Ion:	95	Resp:	3204
Ion	Ratio	Lower	Upper
95	100		
97	0.0	45.8	85.2#
132	0.0	74.3	138.1#
130	0.0	76.6	142.3#



#40
 1,2-Dichloropropane
 Concen: 2.823 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.09 min
 Lab File: VW013791.D
 Acq: 29 Oct 2019 14:16

Tgt Ion:	63	Resp:	5428
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.9	5.9#

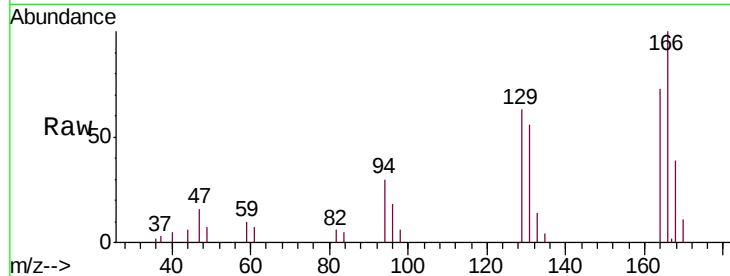




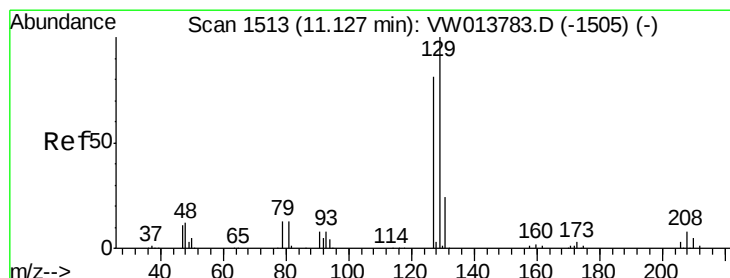
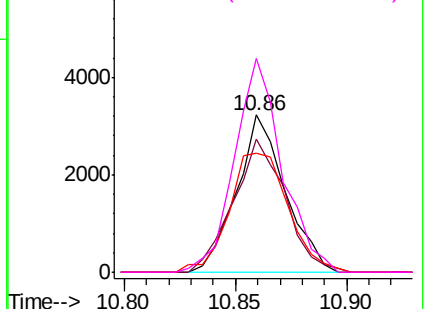
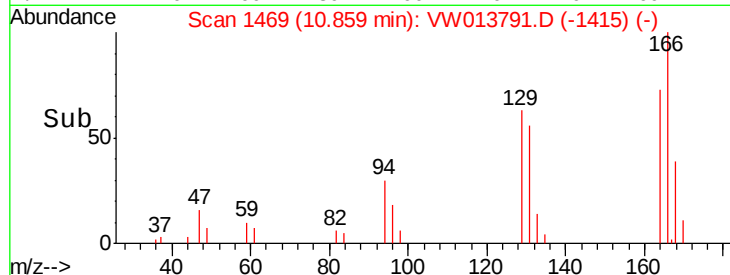
#47
Tetrachloroethene
Concen: 2.657 ug/L
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW013791.D
Acq: 29 Oct 2019 14:16

Instrument :
MSVOA_W
ClientSampleId :
GAQ79

Tgt Ion:164 Resp: 4907
Ion Ratio Lower Upper
164 100
129 85.1 61.8 114.8
131 75.7 59.2 110.0
166 136.1 89.2 165.8

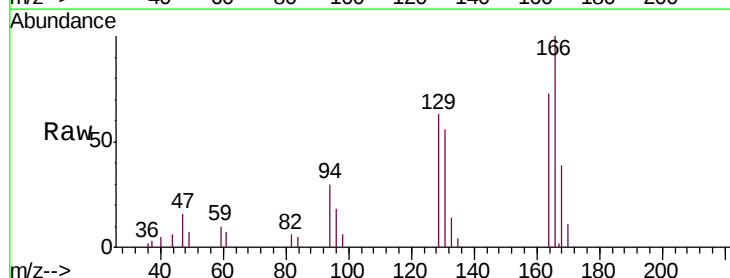


Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V

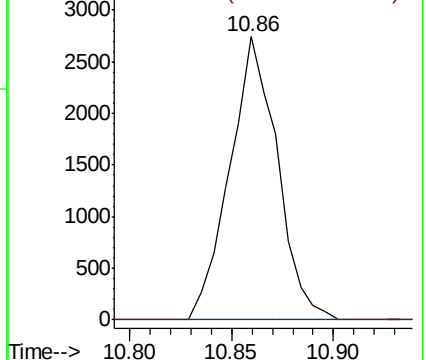
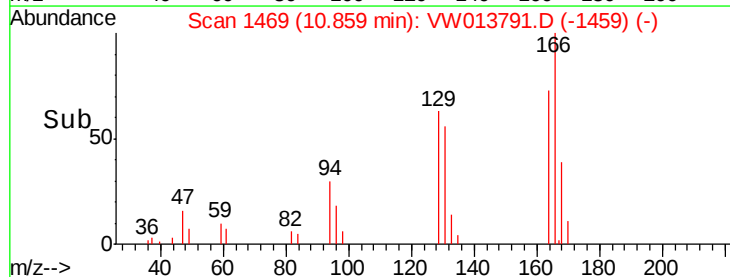


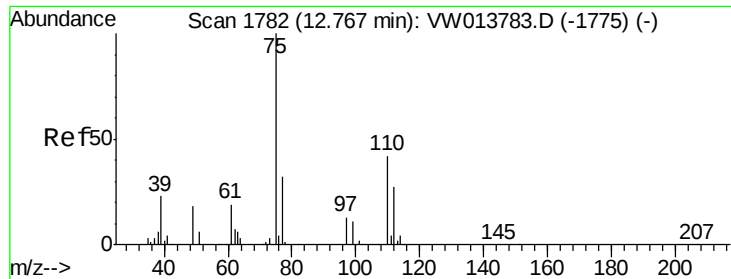
#50
Dibromochloromethane
Concen: 2.538 ug/L
RT: 10.86 min Scan# 1469
Delta R.T. -0.27 min
Lab File: VW013791.D
Acq: 29 Oct 2019 14:16

Tgt Ion:129 Resp: 4441
Ion Ratio Lower Upper
129 100
127 0.0 51.4 95.5#



Abundance Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V





#59

1,2,3-Trichloropropane

Concen: 3.873 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW013791.D

Acq: 29 Oct 2019 14:16

Instrument :

MSVOA_W

ClientSampleId :

GAQ79

Tgt Ion: 75 Resp: 5019

Ion Ratio Lower Upper

75 100

77 37.0 26.4 39.6

