

Data File : VW014976.D
Acq On : 13 Feb 2020 13:23
Operator : SY/VA
Sample : VW0213SBL01
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VBLK301

Quant Time: Feb 14 04:21:29 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SFAMWLM021320SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Feb 13 12:39:02 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	820681	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	758778	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.56	152	291125	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	373091	22.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.28%
7) Chloroethane-d5	2.89	69	276612	21.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.84%
11) 1,1-Dichloroethene-d2	4.02	63	497203	16.77	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.08%
21) 2-Butanone-d5	7.07	46	190089	41.27	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.54%
24) Chloroform-d	7.65	84	565412	21.45	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.80%
26) 1,2-Dichloroethane-d4	8.52	65	96	0.01	ug/L	0.21
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.04%#
32) Benzene-d6	8.27	84	1164592	22.78	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.12%
36) 1,2-Dichloropropane-d6	9.27	67	399382	22.71	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.84%
41) Toluene-d8	10.32	98	984296	22.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.28%
43) trans-1,3-Dichloropropene-	10.57	79	142891	21.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.56%
47) 2-Hexanone-d5	10.92	63	129369	41.36	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.72%
56) 1,1,2,2-Tetrachloroethane-	12.69	84	271784	20.71	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.84%
66) 1,2-Dichlorobenzene-d4	13.85	152	269609	24.61	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.44%

Target Compounds

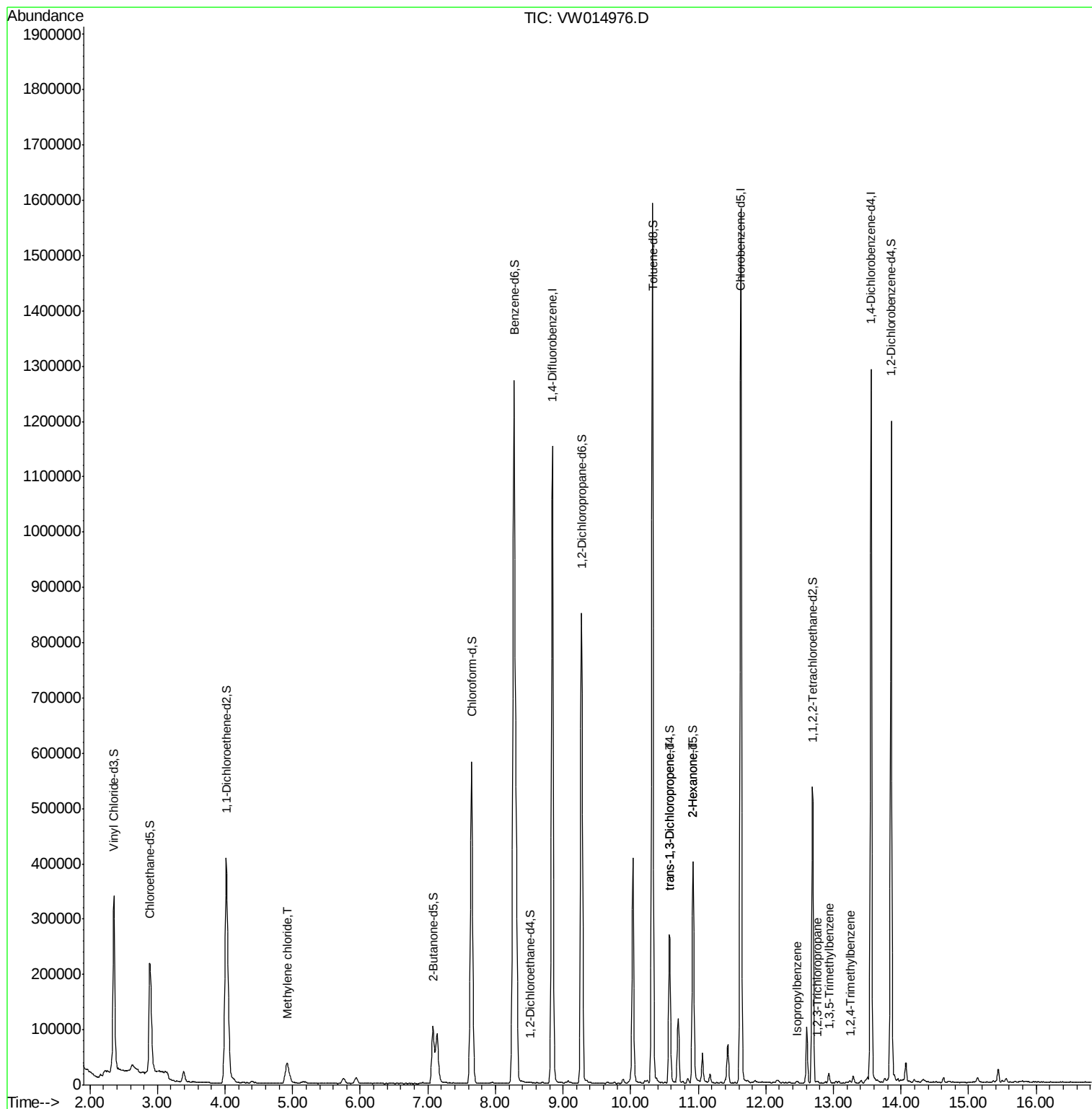
					Qvalue
16) Methylene chloride	4.91	84	27949	1.843	ug/L 93
44) trans-1,3-Dichloropropene	10.57	75	6666	0.386	ug/L 94
48) 2-Hexanone	10.92	43	18952	2.348	ug/L # 68
60) Isopropylbenzene	12.46	105	1533	0.034	ug/L # 81
61) 1,2,3-Trichloropropane	12.76	75	376	0.044	ug/L # 51
62) 1,3,5-Trimethylbenzene	12.94	105	2308	0.064	ug/L 90
63) 1,2,4-Trimethylbenzene	13.26	105	2554	0.072	ug/L 94

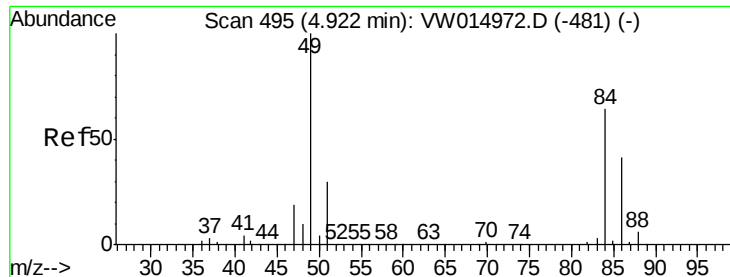
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Thu Feb 13 12:39:02 2020
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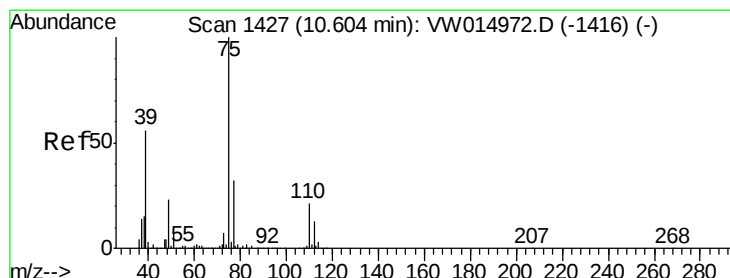
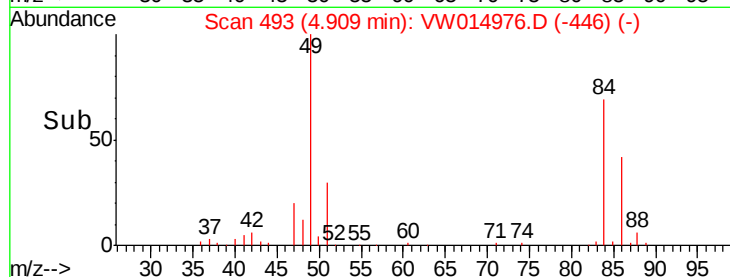
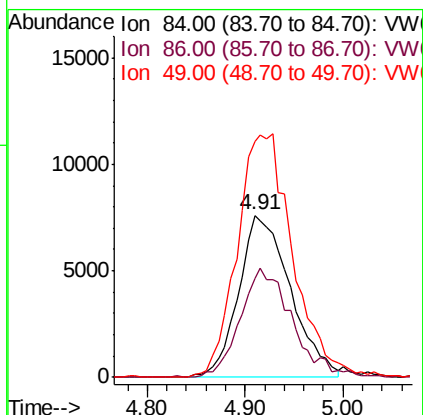
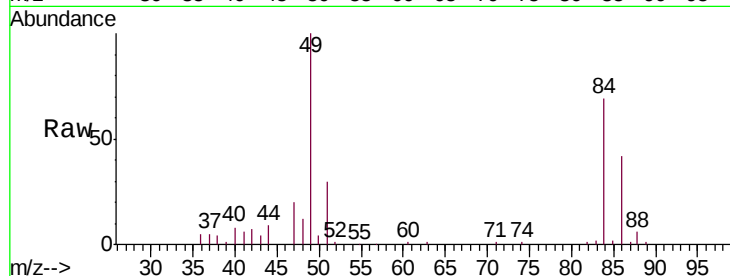




#16
Methylene chloride
Concen: 1.843 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW014976.D
Acq: 13 Feb 2020 13:23

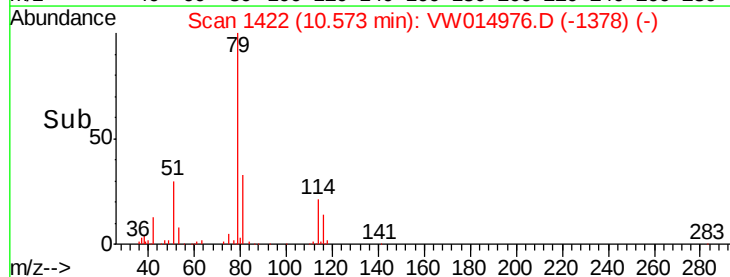
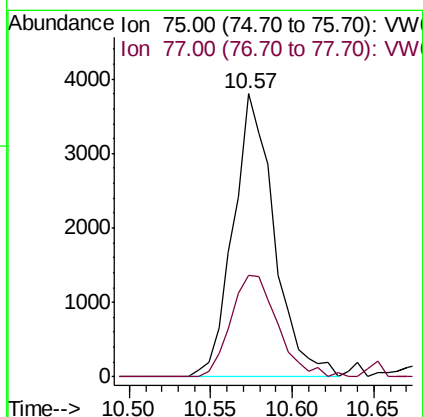
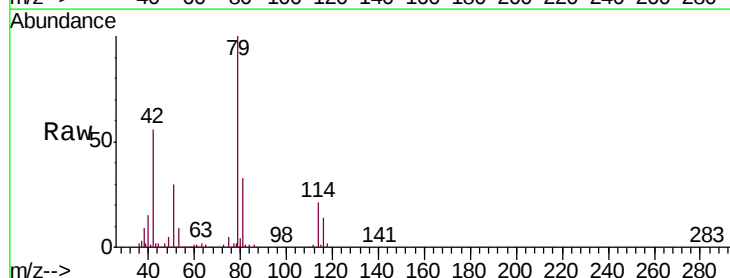
Instrument :
MSVOA_W
ClientSampleId :
VBLK301

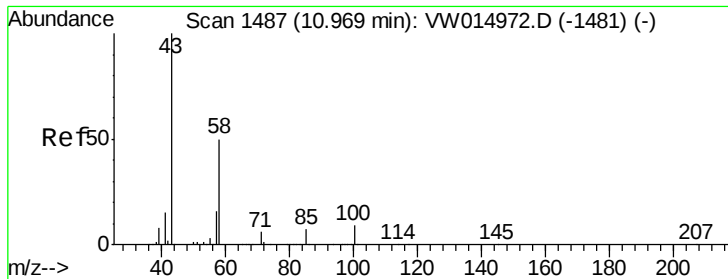
Tgt Ion: 84 Resp: 27949
Ion Ratio Lower Upper
84 100
86 60.8 44.4 82.4
49 145.5 109.0 202.4



#44
trans-1,3-Dichloropropene
Concen: 0.386 ug/L
RT: 10.57 min Scan# 1422
Delta R.T. -0.03 min
Lab File: VW014976.D
Acq: 13 Feb 2020 13:23

Tgt Ion: 75 Resp: 6666
Ion Ratio Lower Upper
75 100
77 35.8 22.7 42.1

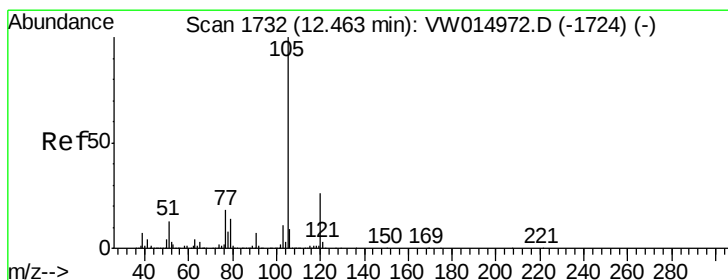
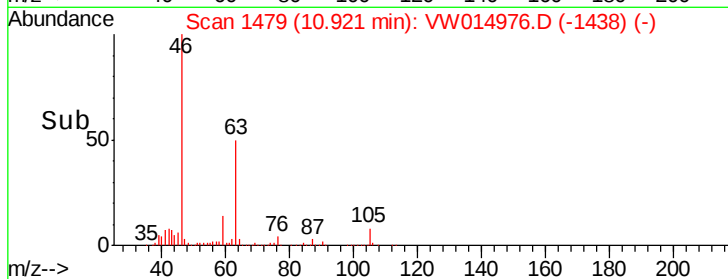
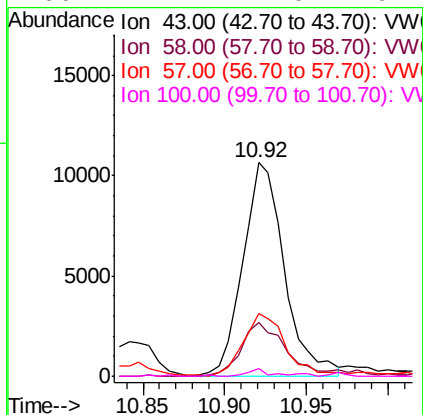
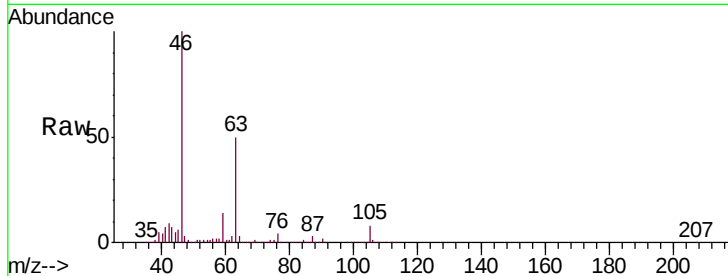




#48
2-Hexanone
Concen: 2.348 ug/L
RT: 10.92 min Scan# 1479
Delta R.T. -0.05 min
Lab File: VW014976.D
Acq: 13 Feb 2020 13:23

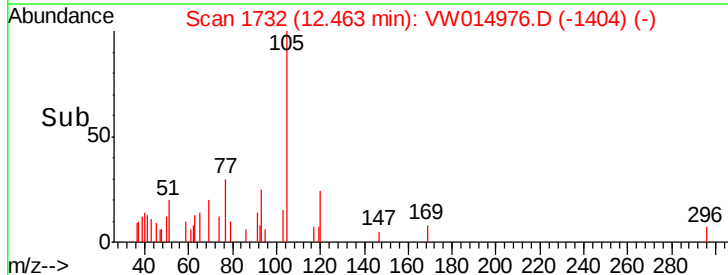
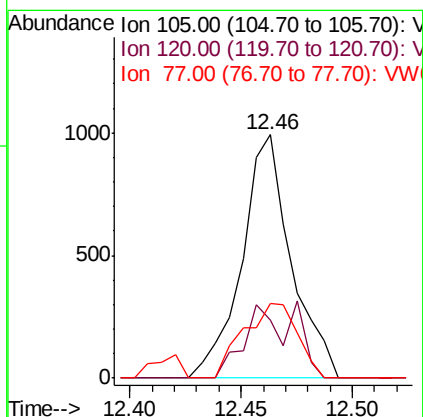
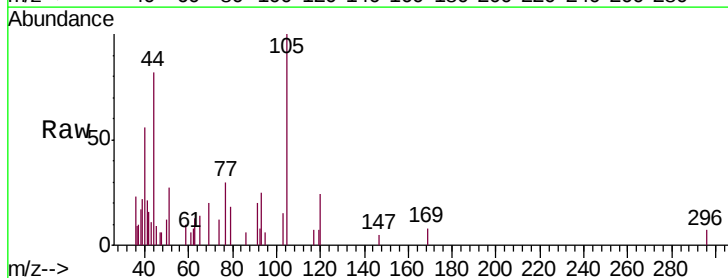
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ClientSampleId :
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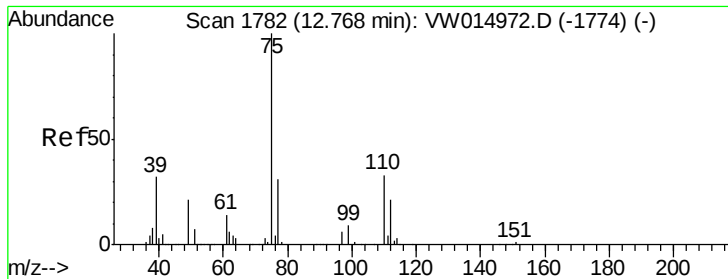
Tgt Ion:	43	Resp:	18952
Ion	Ratio	Lower	Upper
43	100		
58	26.0	39.2	58.8#
57	29.6	13.1	19.7#
100	1.4	7.0	10.4#



#60
Isopropylbenzene
Concen: 0.034 ug/L
RT: 12.46 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VW014976.D
Acq: 13 Feb 2020 13:23

Tgt Ion:	105	Resp:	1533
Ion	Ratio	Lower	Upper
105	100		
120	21.2	20.1	30.1
77	33.3	14.4	21.6#

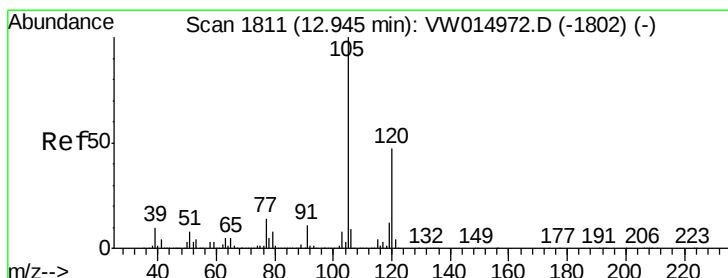
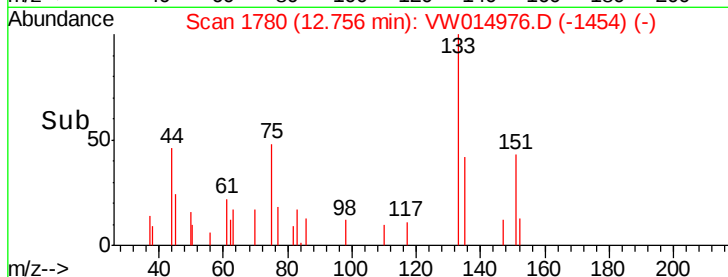
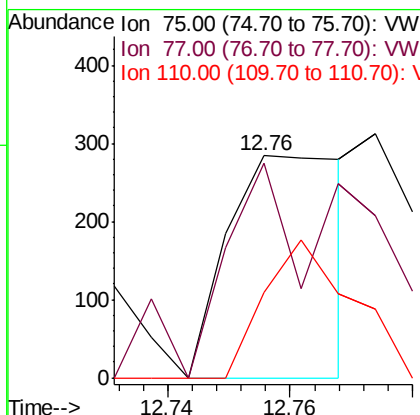
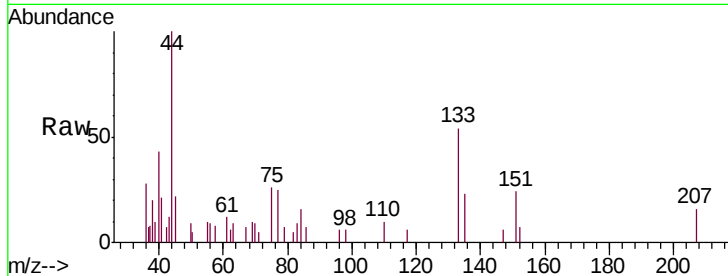




#61
 1,2,3-Trichloropropane
 Concen: 0.044 ug/L
 RT: 12.76 min Scan# 1780
 Delta R.T. -0.01 min
 Lab File: VW014976.D
 Acq: 13 Feb 2020 13:23

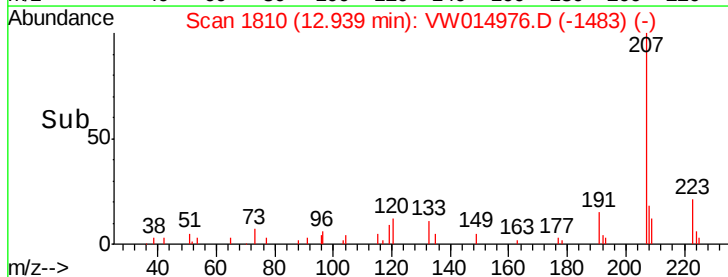
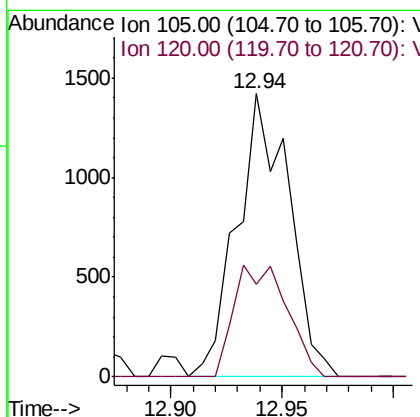
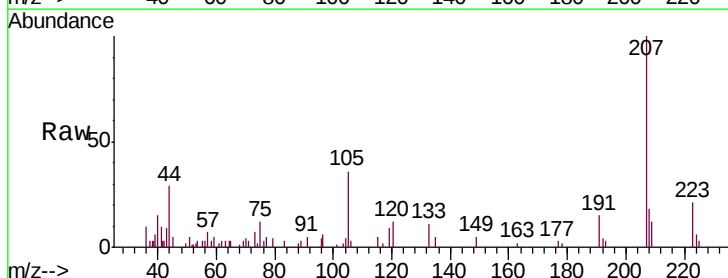
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 VBLK301

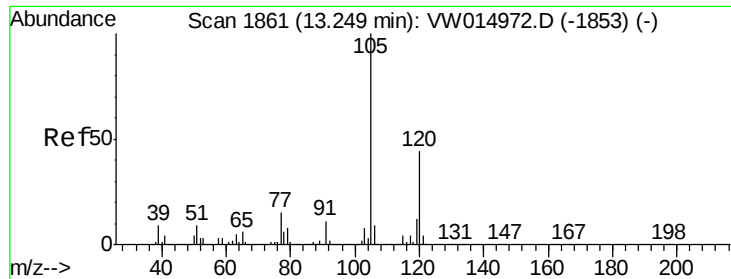
Tgt Ion: 75 Resp: 376
 Ion Ratio Lower Upper
 75 100
 77 54.0 25.8 38.6#
 110 0.0 26.6 39.8#



#62
 1,3,5-Trimethylbenzene
 Concen: 0.064 ug/L
 RT: 12.94 min Scan# 1810
 Delta R.T. -0.01 min
 Lab File: VW014976.D
 Acq: 13 Feb 2020 13:23

Tgt Ion: 105 Resp: 2308
 Ion Ratio Lower Upper
 105 100
 120 40.2 37.4 56.0

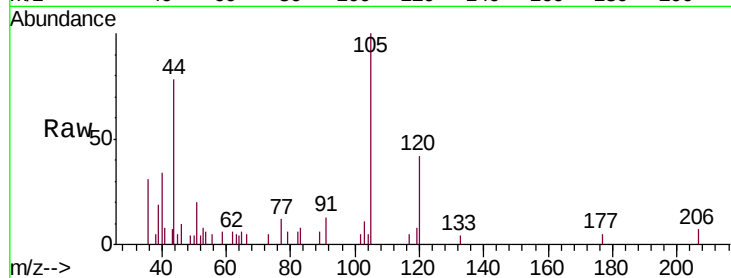




#63
 1,2,4-Trimethylbenzene
 Concen: 0.072 ug/L
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.01 min
 Lab File: VW014976.D
 Acq: 13 Feb 2020 13:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VBLK301

Tgt Ion:105 Resp: 2554
 Ion Ratio Lower Upper
 105 100
 120 39.6 35.0 52.4



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

