

Data File : VW013797.D
Acq On : 29 Oct 2019 16:54
Operator : SY/VA
Sample : K5535-07RE
Misc : 5.96G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BEK29RE

Quant Time: Oct 30 07:03:11 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	345296	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	267304	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	80318	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	85436	20.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.68%
7) Chloroethane-d5	2.89	69	68739	17.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.52%
10) 1,1-Dichloroethene-d2	4.02	63	118136	12.63	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	50.52%
20) 2-Butanone-d5	7.07	46	60703	40.06	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.12%
24) Chloroform-d	7.65	84	171015	17.70	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	70.80%
26) 1,2-Dichloroethane-d4	8.31	65	96762	19.15	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	76.60%
29) Benzene-d6	8.27	84	349566	21.77	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.08%
33) 1,2-Dichloropropane-d6	9.27	67	108002	22.52	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.08%
37) Toluene-d8	10.32	98	278456	18.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	75.20%
38) trans-1,3-Dichloropropene-	10.58	79	39681	18.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.36%
39) 2-Hexanone-d5	10.93	63	40149	43.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.58%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	80579	20.51	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.04%
61) 1,2-Dichlorobenzene-d4	13.85	152	53932	19.00	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	76.00%

Target Compounds

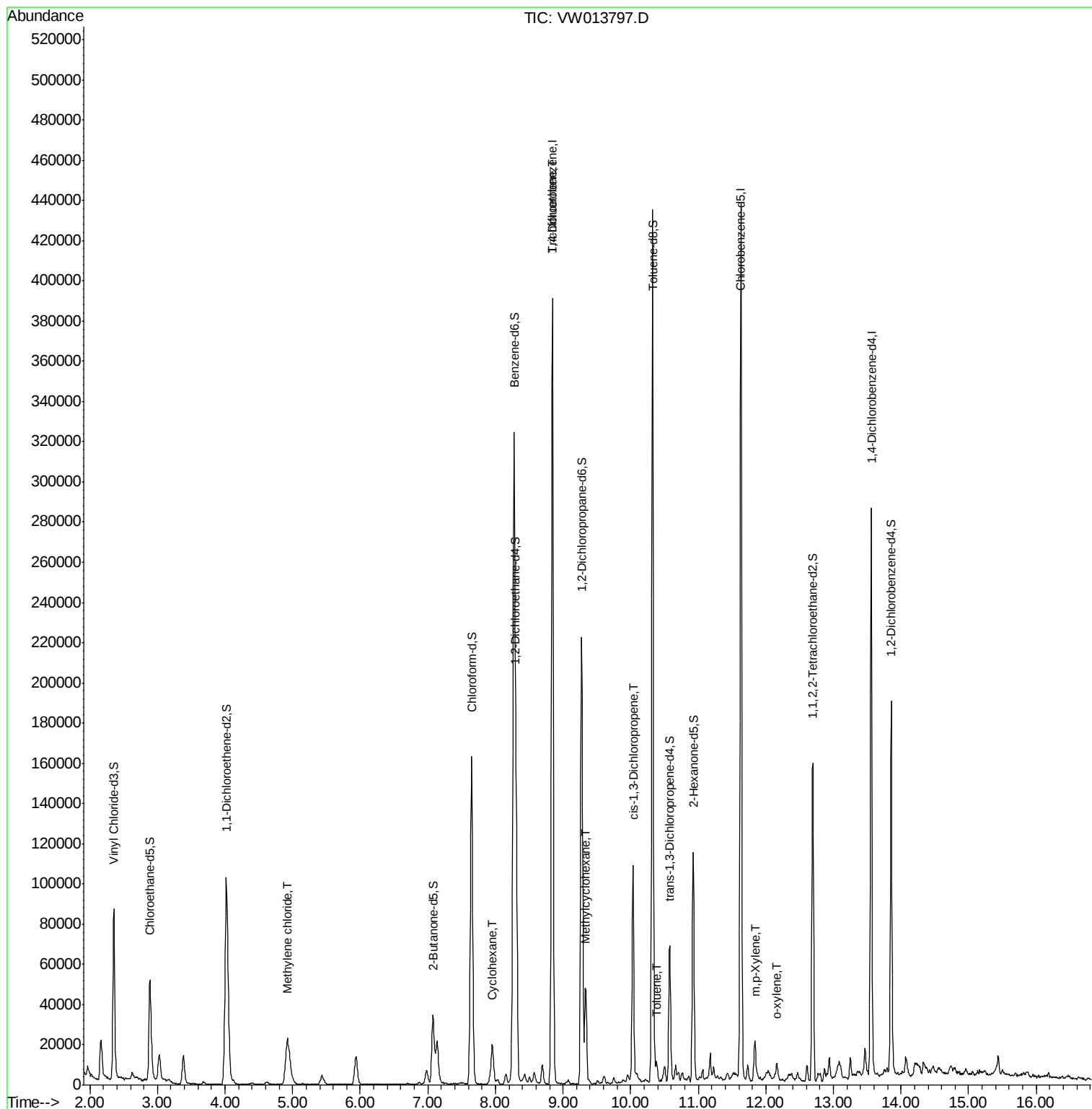
						Qvalue
16) Methylene chloride	4.92	84	19292	2.918	ug/L	94
30) Cyclohexane	7.96	56	10391	1.327	ug/L #	91
35) Trichloroethene	8.85	95	9292	1.888	ug/L #	2
36) Methylcyclohexane	9.34	83	18693	2.155	ug/L	90
42) cis-1,3-Dichloropropene	10.03	75	2369	0.320	ug/L #	52
44) Toluene	10.39	91	7838	0.380	ug/L	82
54) m,p-Xylene	11.84	106	5024	0.571	ug/L	82
55) o-xylene	12.16	106	2325	0.278	ug/L	99

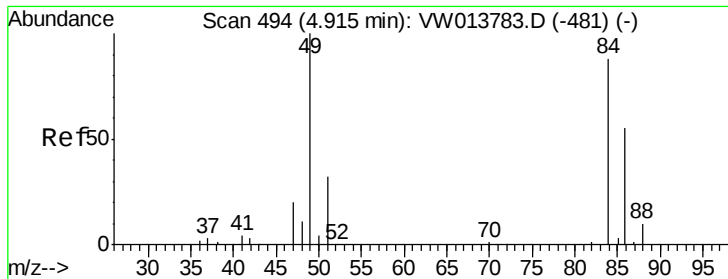
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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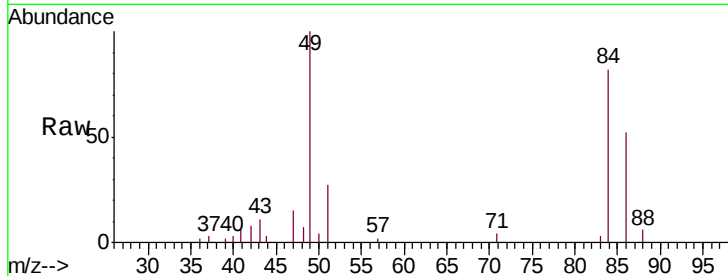




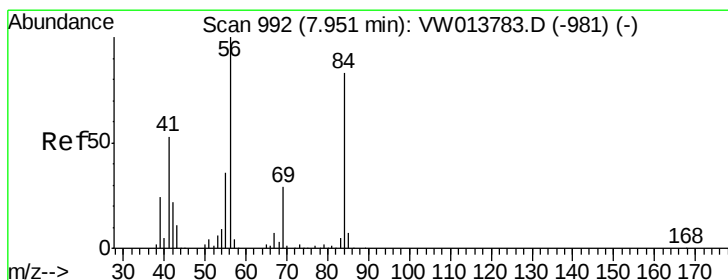
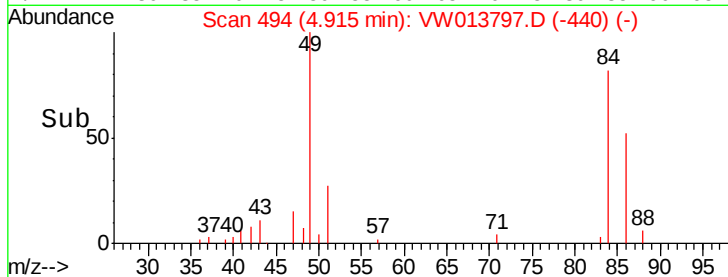
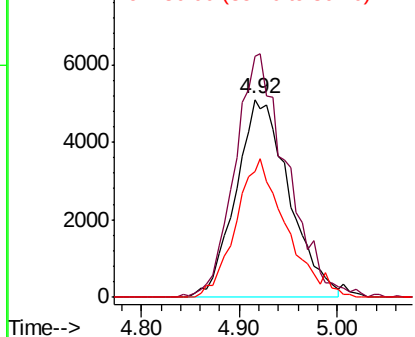
#16
Methylene chloride
Concen: 2.918 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW013797.D
Acq: 29 Oct 2019 16:54

Instrument :
MSVOA_W
ClientSampleId :
BEK29RE

Tgt Ion: 84 Resp: 19292
Ion Ratio Lower Upper
84 100
49 122.3 80.2 148.9
86 63.9 42.7 79.3

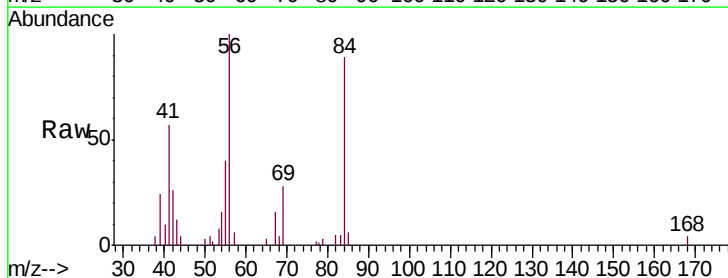


Abundance Ion 84.00 (83.70 to 84.70): VW
Ion 49.00 (48.70 to 49.70): VW
Ion 86.00 (85.70 to 86.70): VW

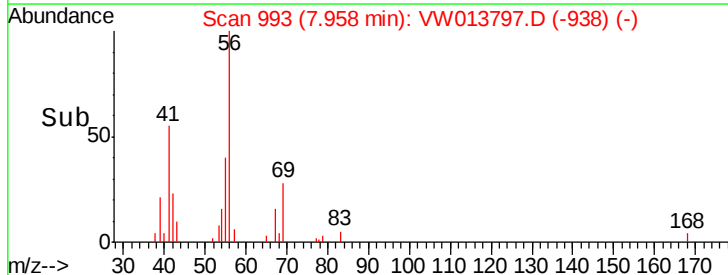
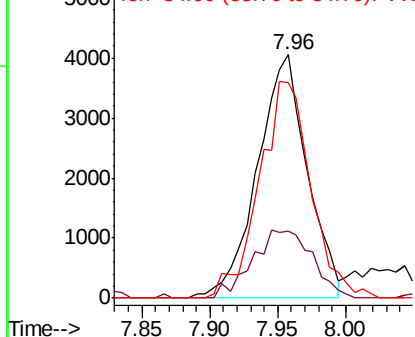


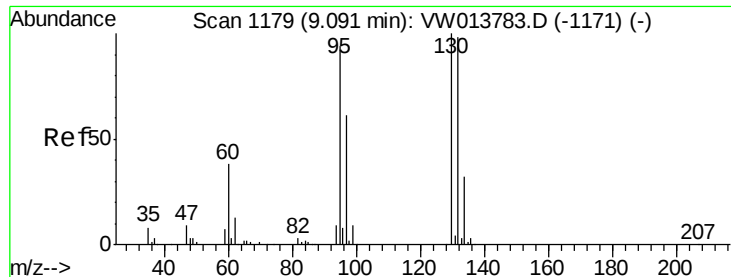
#30
Cyclohexane
Concen: 1.327 ug/L
RT: 7.96 min Scan# 993
Delta R.T. 0.01 min
Lab File: VW013797.D
Acq: 29 Oct 2019 16:54

Tgt Ion: 56 Resp: 10391
Ion Ratio Lower Upper
56 100
69 17.3 24.6 37.0#
84 85.4 71.1 106.7



Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

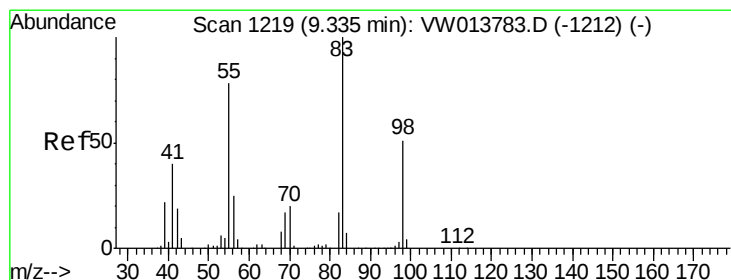
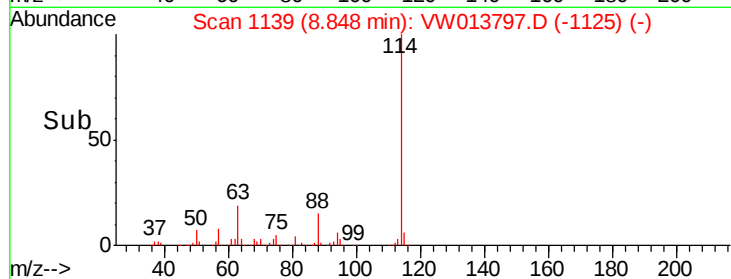
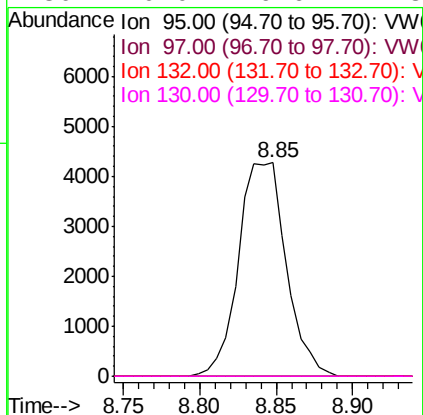
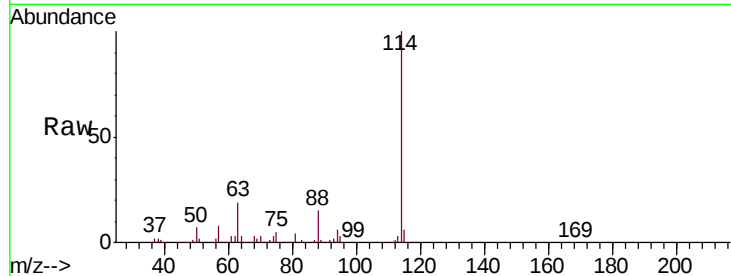




#35
 Trichloroethene
 Concen: 1.888 ug/L
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.24 min
 Lab File: VW013797.D
 Acq: 29 Oct 2019 16:54

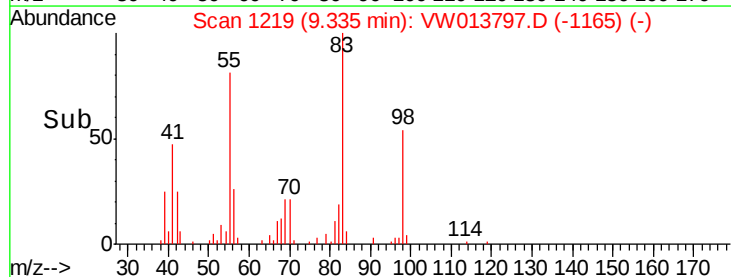
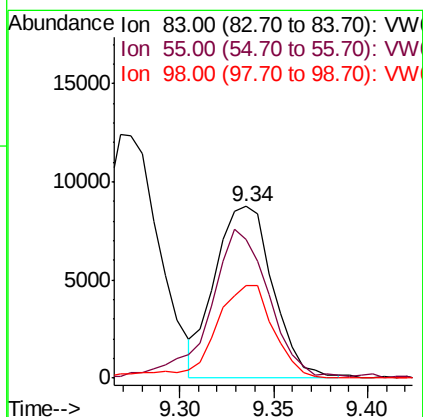
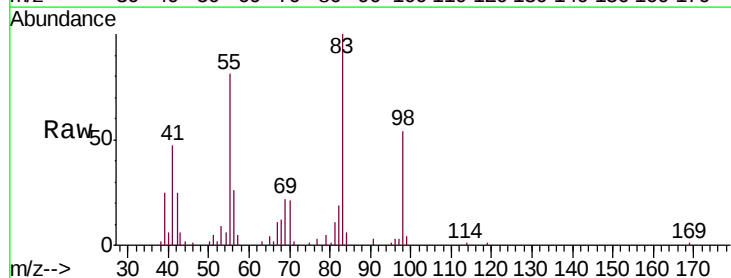
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 BEK29RE

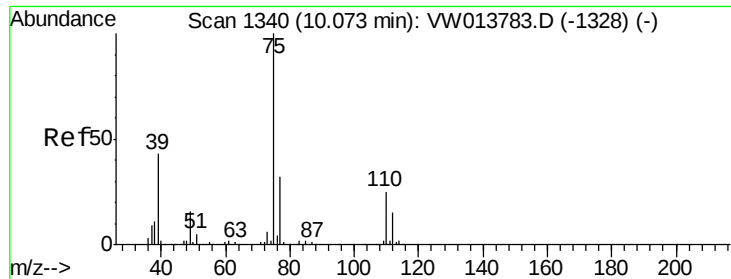
Tgt Ion: 95 Resp: 9292
 Ion Ratio Lower Upper
 95 100
 97 0.5 45.8 85.2#
 132 0.7 74.3 138.1#
 130 0.0 76.6 142.3#



#36
 Methylcyclohexane
 Concen: 2.155 ug/L
 RT: 9.34 min Scan# 1219
 Delta R.T. 0.00 min
 Lab File: VW013797.D
 Acq: 29 Oct 2019 16:54

Tgt Ion: 83 Resp: 18693
 Ion Ratio Lower Upper
 83 100
 55 87.1 60.2 90.4
 98 51.7 39.1 58.7

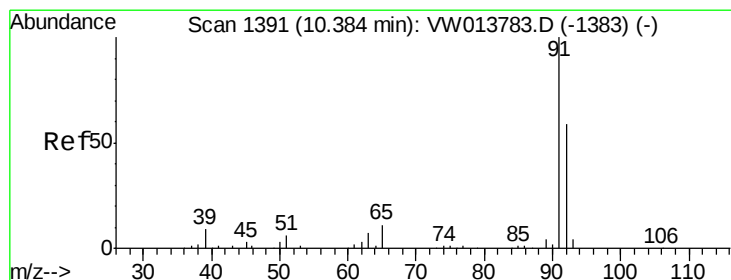
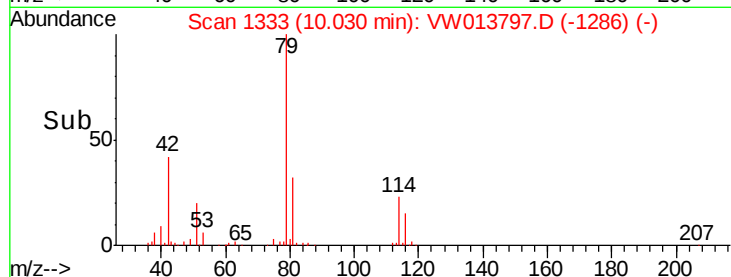
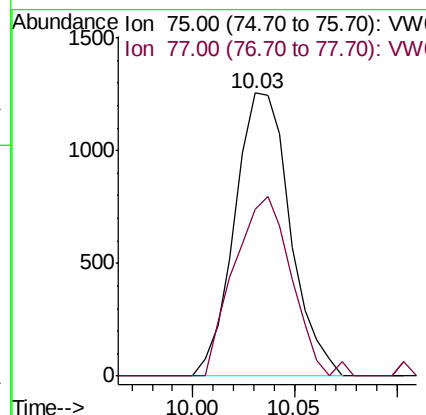
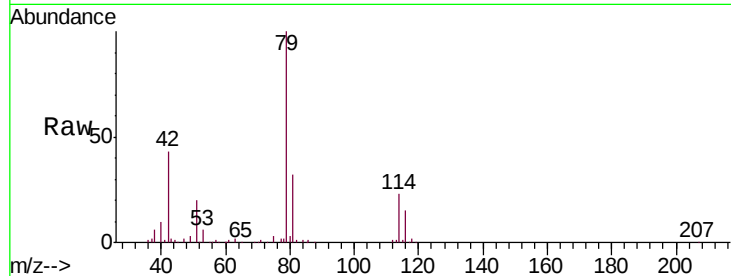




#42
 cis-1,3-Dichloropropene
 Concen: 0.320 ug/L
 RT: 10.03 min Scan# 1333
 Delta R.T. -0.04 min
 Lab File: VW013797.D
 Acq: 29 Oct 2019 16:54

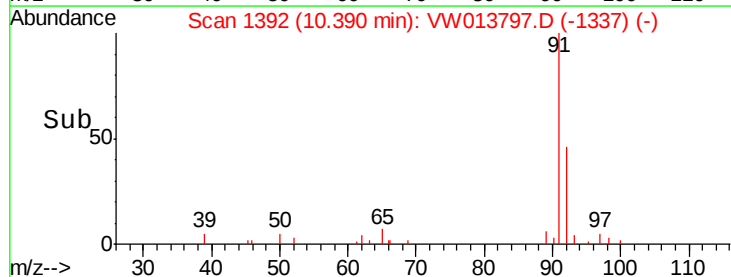
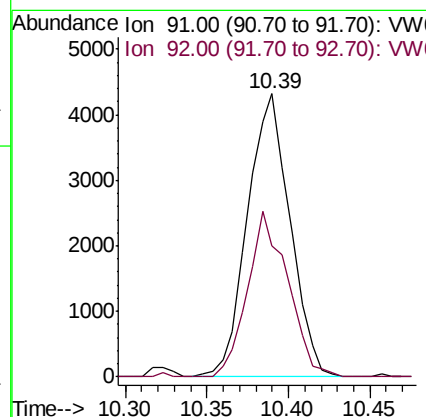
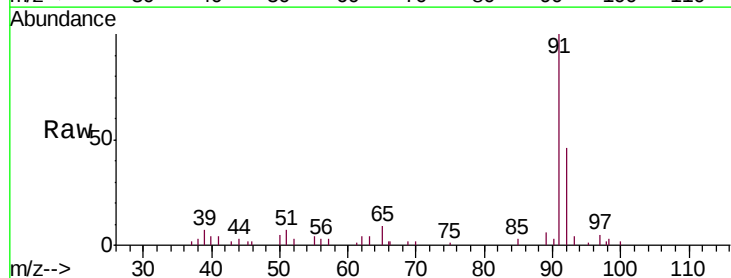
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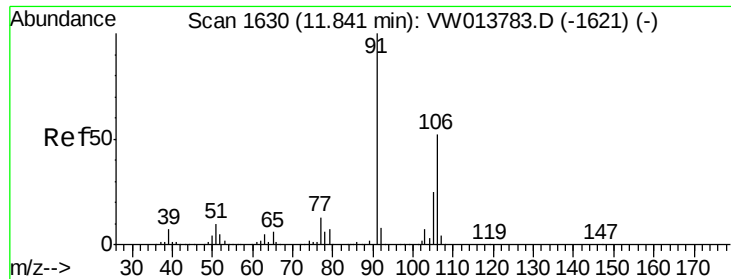
Tgt Ion: 75 Resp: 2369
 Ion Ratio Lower Upper
 75 100
 77 58.8 22.5 41.9#



#44
 Toluene
 Concen: 0.380 ug/L
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.01 min
 Lab File: VW013797.D
 Acq: 29 Oct 2019 16:54

Tgt Ion: 91 Resp: 7838
 Ion Ratio Lower Upper
 91 100
 92 46.3 42.0 78.0





#54

m,p-Xylene

Concen: 0.571 ug/L

RT: 11.84 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VW013797.D

Acq: 29 Oct 2019 16:54

Instrument :

MSVOA_W

ClientSampleId :

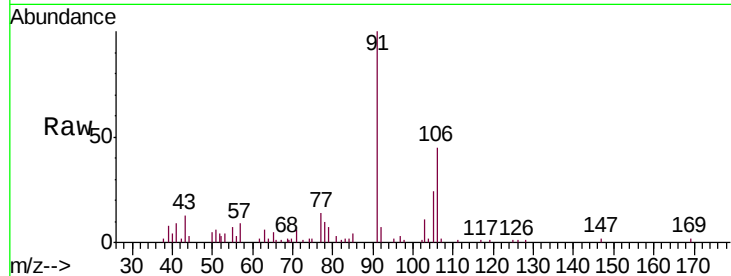
BEK29RE

Tgt Ion:106 Resp: 5024

Ion Ratio Lower Upper

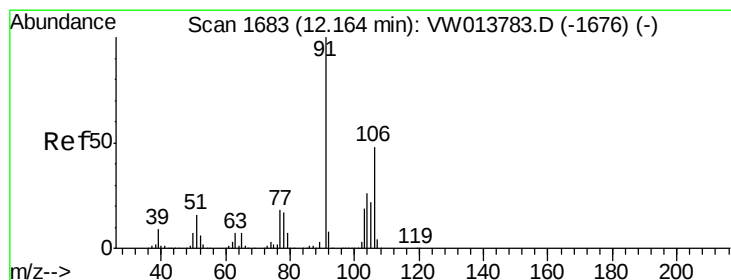
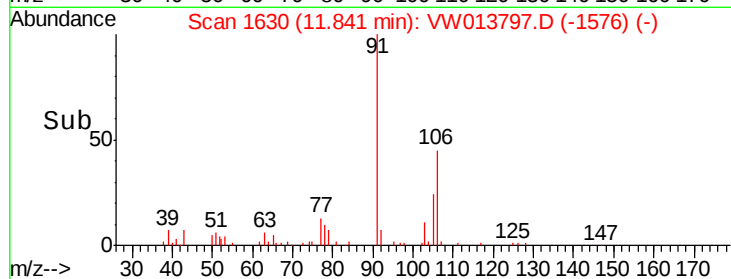
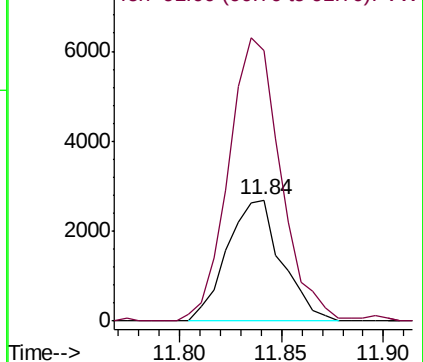
106 100

91 223.1 137.7 255.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#55

o-xylene

Concen: 0.278 ug/L

RT: 12.16 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VW013797.D

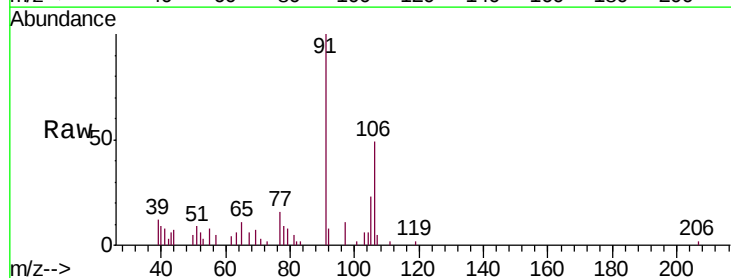
Acq: 29 Oct 2019 16:54

Tgt Ion:106 Resp: 2325

Ion Ratio Lower Upper

106 100

91 205.9 144.8 269.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW

