

Data File : VW013794.D
Acq On : 29 Oct 2019 15:35
Operator : SY/VA
Sample : K5535-06RE
Misc : 6.45G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BEK28RE

Quant Time: Oct 30 07:02:52 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	296076	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	236146	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	78609	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	100094	27.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.20%
7) Chloroethane-d5	2.88	69	80511	23.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.96%
10) 1,1-Dichloroethene-d2	4.03	63	138523	17.27	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.08%
20) 2-Butanone-d5	7.07	46	66382	51.09	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.18%
24) Chloroform-d	7.65	84	196540	23.72	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.88%
26) 1,2-Dichloroethane-d4	8.30	65	110993	25.62	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.48%
29) Benzene-d6	8.27	84	411298	28.99	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	115.96%
33) 1,2-Dichloropropane-d6	9.27	67	125442	29.60	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	118.40%
37) Toluene-d8	10.32	98	339930	25.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.92%
38) trans-1,3-Dichloropropene-	10.58	79	46265	24.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.80%
39) 2-Hexanone-d5	10.92	63	48170	59.47	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.94%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	93982	27.08	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.32%
61) 1,2-Dichlorobenzene-d4	13.85	152	70856	25.51	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.04%

Target Compounds

					Qvalue
16) Methylene chloride	4.92	84	10047	1.772 ug/L	93
30) Cyclohexane	7.95	56	11048	1.597 ug/L #	60
36) Methylcyclohexane	9.34	83	30967	4.041 ug/L	91
42) cis-1,3-Dichloropropene	10.04	75	2821	0.431 ug/L #	62
53) Ethylbenzene	11.73	91	6487	0.323 ug/L	89
54) m,p-Xylene	11.83	106	6124	0.788 ug/L	91
55) o-xylene	12.16	106	3552	0.482 ug/L	97
59) 1,2,3-Trichloropropane	13.56	75	8171	2.926 ug/L	90

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

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ALS Vial      : 1      Sample Multiplier: 1
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Instrument :
MSVOA_W
ClientSampleId :
BEK28RE

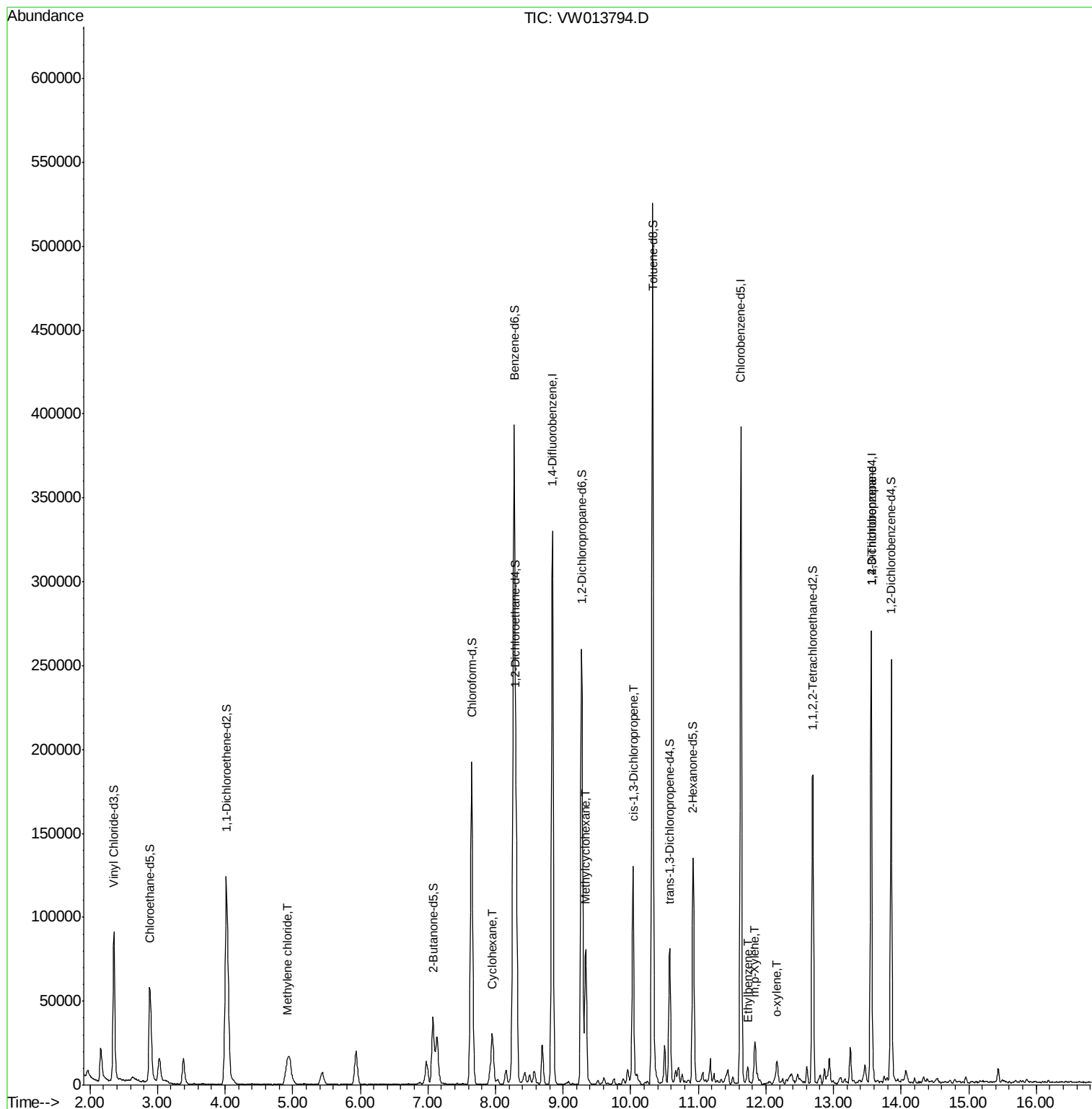
Quant Time: Oct 30 07:02:52 2019

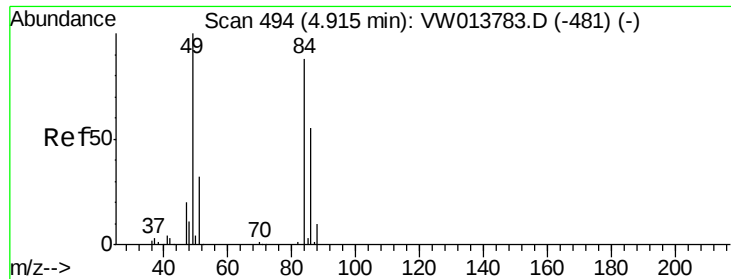
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Quant Title : VOC Analysis

QLast Update : Wed Oct 30 06:58:53 2019

Response via : Initial Calibration

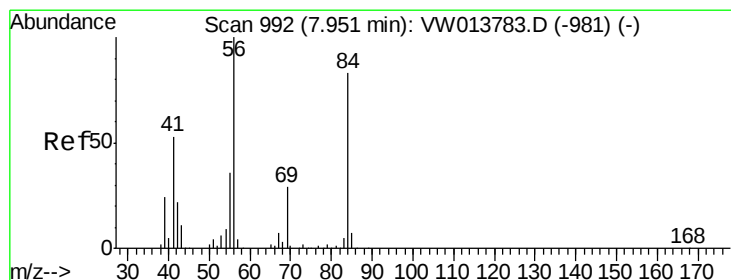
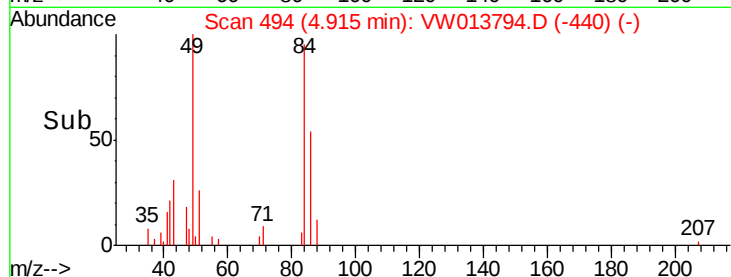
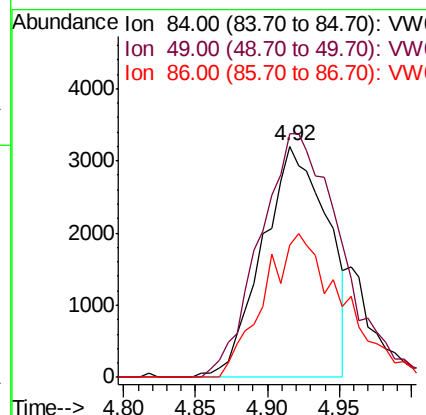
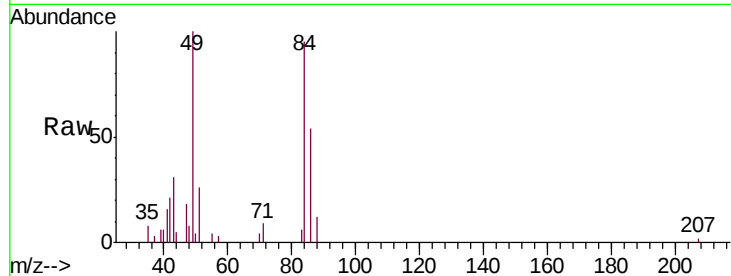




#16
Methylene chloride
Concen: 1.772 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW013794.D
Acq: 29 Oct 2019 15:35

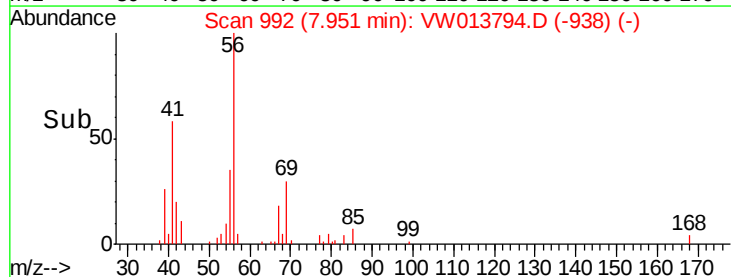
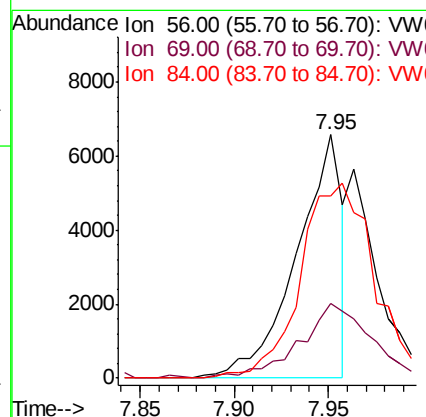
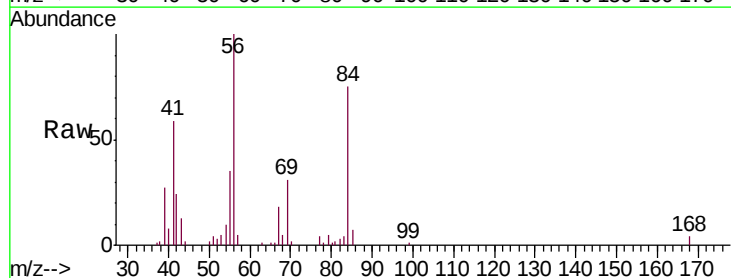
Instrument :
MSVOA_W
ClientSampleId :
BEK28RE

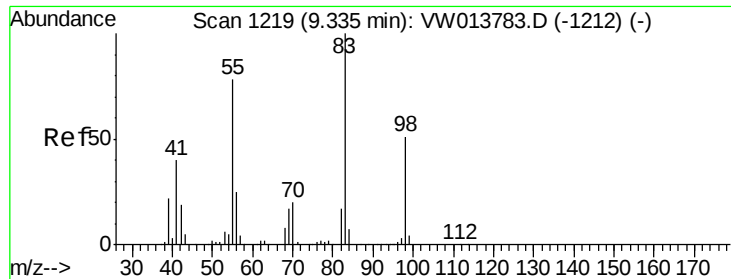
Tgt Ion: 84 Resp: 10047
Ion Ratio Lower Upper
84 100
49 105.2 80.2 148.9
86 57.2 42.7 79.3



#30
Cyclohexane
Concen: 1.597 ug/L
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW013794.D
Acq: 29 Oct 2019 15:35

Tgt Ion: 56 Resp: 11048
Ion Ratio Lower Upper
56 100
69 47.0 24.6 37.0#
84 129.8 71.1 106.7#

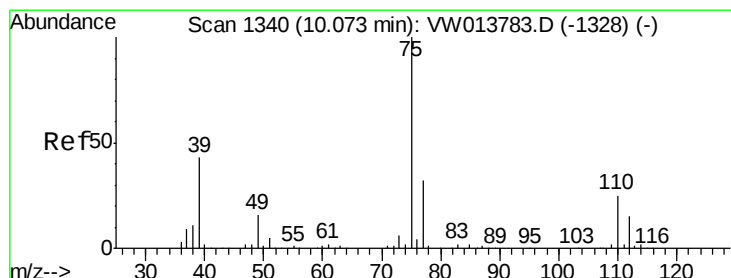
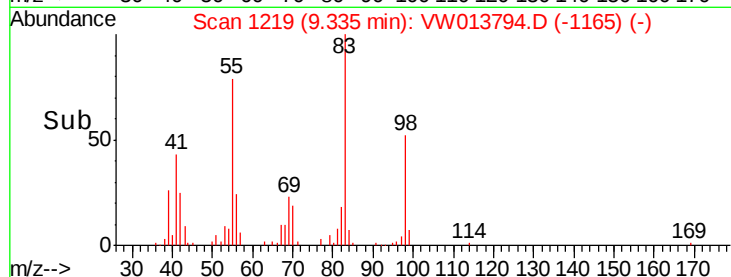
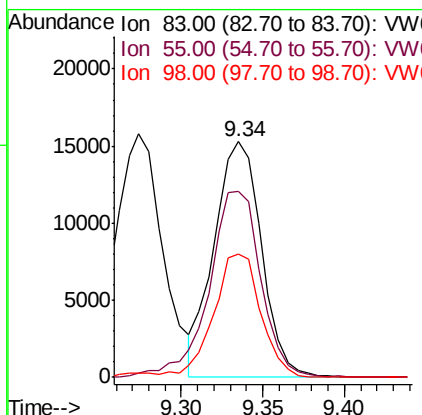
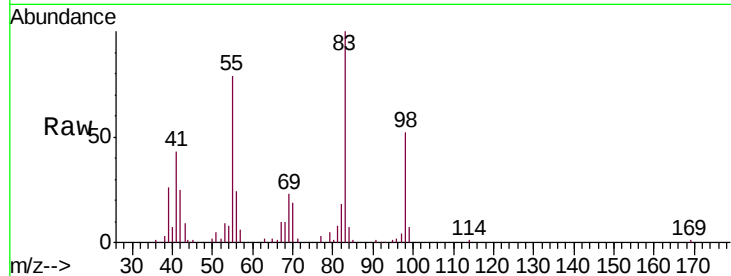




#36
Methylcyclohexane
Concen: 4.041 ug/L
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW013794.D
Acq: 29 Oct 2019 15:35

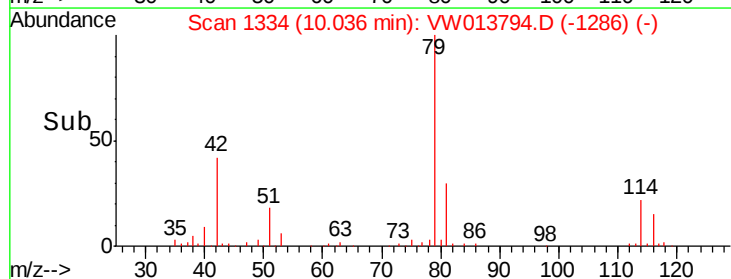
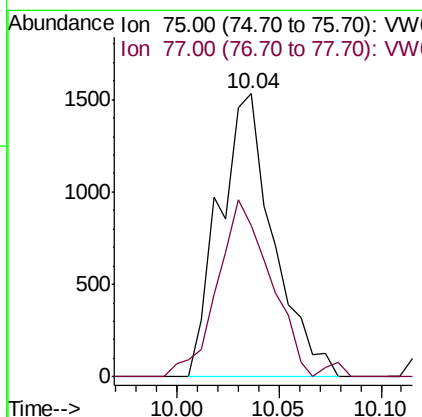
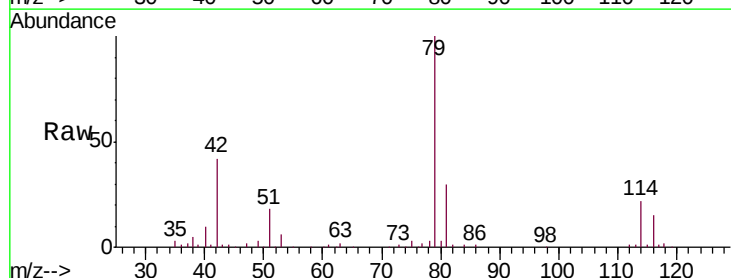
Instrument :
MSVOA_W
ClientSampled :
BEK28RE

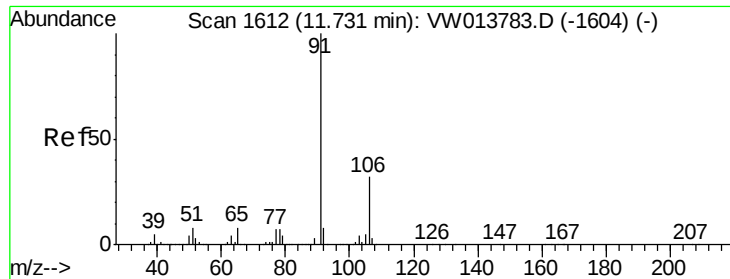
Tgt Ion: 83 Resp: 30967
Ion Ratio Lower Upper
83 100
55 86.1 60.2 90.4
98 51.2 39.1 58.7



#42
cis-1,3-Dichloropropene
Concen: 0.431 ug/L
RT: 10.04 min Scan# 1334
Delta R.T. -0.04 min
Lab File: VW013794.D
Acq: 29 Oct 2019 15:35

Tgt Ion: 75 Resp: 2821
Ion Ratio Lower Upper
75 100
77 53.6 22.5 41.9#





#53

Ethylbenzene

Concen: 0.323 ug/L

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW013794.D

Acq: 29 Oct 2019 15:35

Instrument :

MSVOA_W

ClientSampleId :

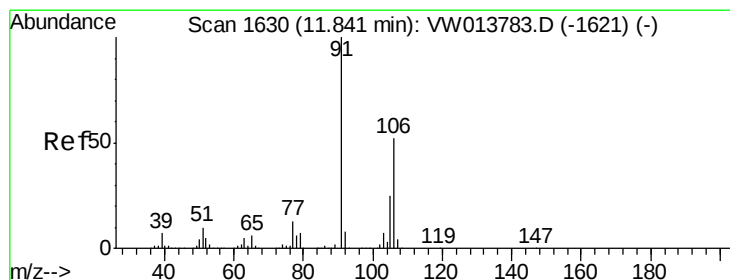
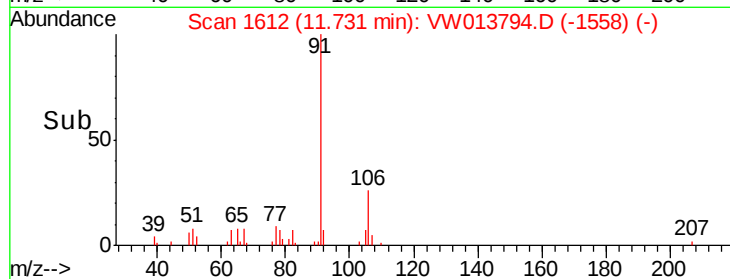
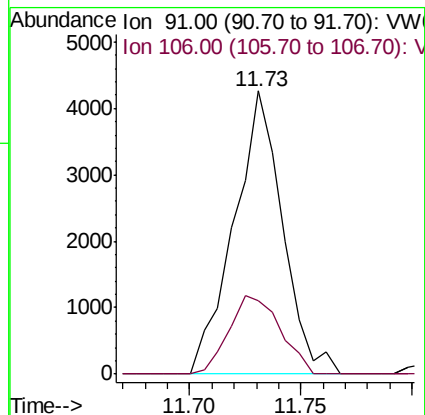
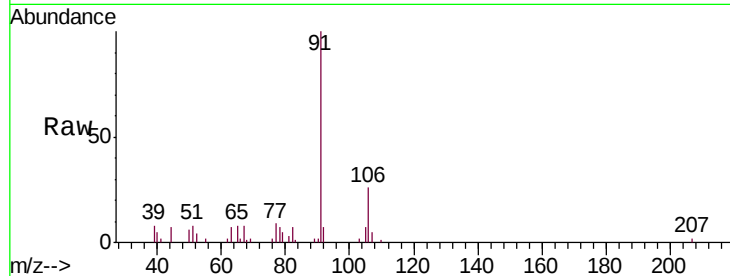
BEK28RE

Tgt Ion: 91 Resp: 6487

Ion Ratio Lower Upper

91 100

106 25.7 22.3 41.3



#54

m,p-Xylene

Concen: 0.788 ug/L

RT: 11.83 min Scan# 1629

Delta R.T. -0.01 min

Lab File: VW013794.D

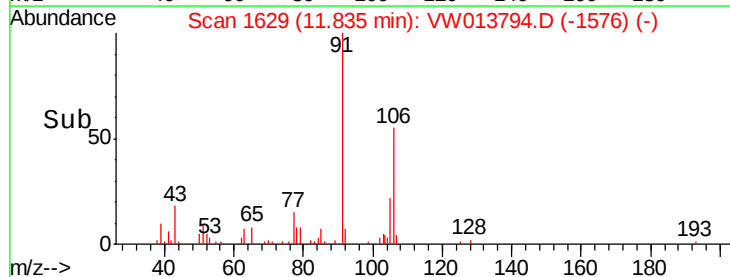
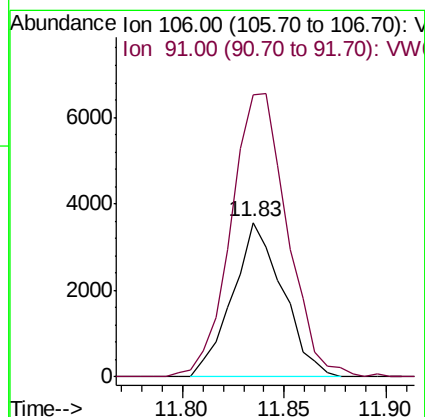
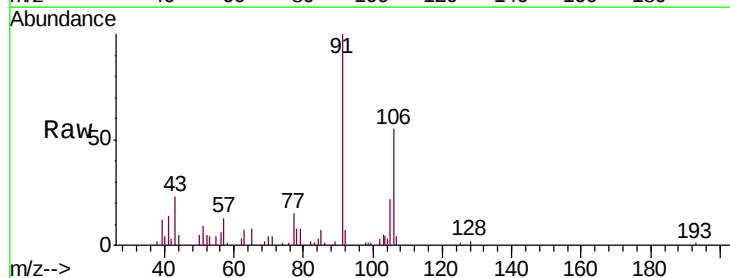
Acq: 29 Oct 2019 15:35

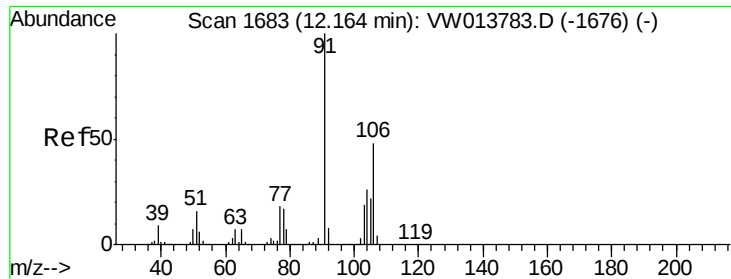
Tgt Ion: 106 Resp: 6124

Ion Ratio Lower Upper

106 100

91 182.9 137.7 255.7

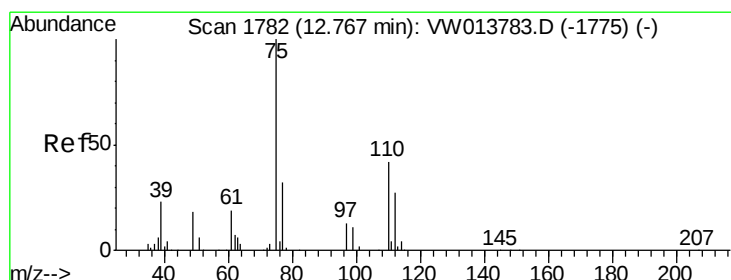
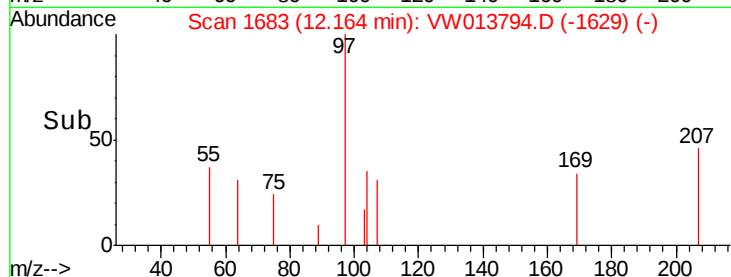
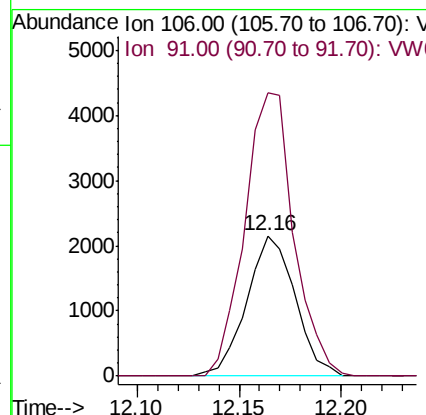
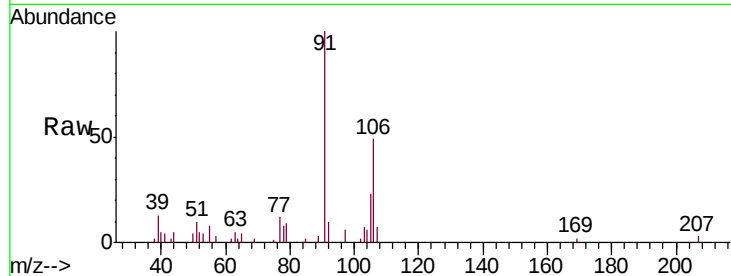




#55
o-xylene
Concen: 0.482 ug/L
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW013794.D
Acq: 29 Oct 2019 15:35

Instrument :
MSVOA_W
ClientSampleId :
BEK28RE

Tgt Ion:106 Resp: 3552
Ion Ratio Lower Upper
106 100
91 202.1 144.8 269.0



#59
1,2,3-Trichloropropane
Concen: 2.926 ug/L
RT: 13.56 min Scan# 1912
Delta R.T. 0.79 min
Lab File: VW013794.D
Acq: 29 Oct 2019 15:35

Tgt Ion: 75 Resp: 8171
Ion Ratio Lower Upper
75 100
77 38.9 26.4 39.6

