

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072820\
 Data File : VW015978.D
 Acq On : 28 Jul 2020 12:54
 Operator : SY/VA
 Sample : L3458-04
 Misc : 5.44G/10ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 29 04:40:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 29 04:38:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	411950	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	374220	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	157324	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	111004	19.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.40%
7) Chloroethane-d5	2.90	69	90072	19.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.32%
10) 1,1-Dichloroethene-d2	4.01	63	169626	14.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.72%
20) 2-Butanone-d5	7.08	46	86374	56.57	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.14%
24) Chloroform-d	7.65	84	228935	19.79	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.16%
26) 1,2-Dichloroethane-d4	8.31	65	135639	21.36	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.44%
29) Benzene-d6	8.28	84	461908	20.28	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.12%
33) 1,2-Dichloropropane-d6	9.27	67	147267	21.57	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.28%
37) Toluene-d8	10.33	98	400124	19.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.56%
38) trans-1,3-Dichloropropene-	10.58	79	61855	21.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.00%
39) 2-Hexanone-d5	10.93	63	67799	59.63	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.26%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	136158	25.94	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.76%
61) 1,2-Dichlorobenzene-d4	13.86	152	137033	22.34	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.36%

Target Compounds

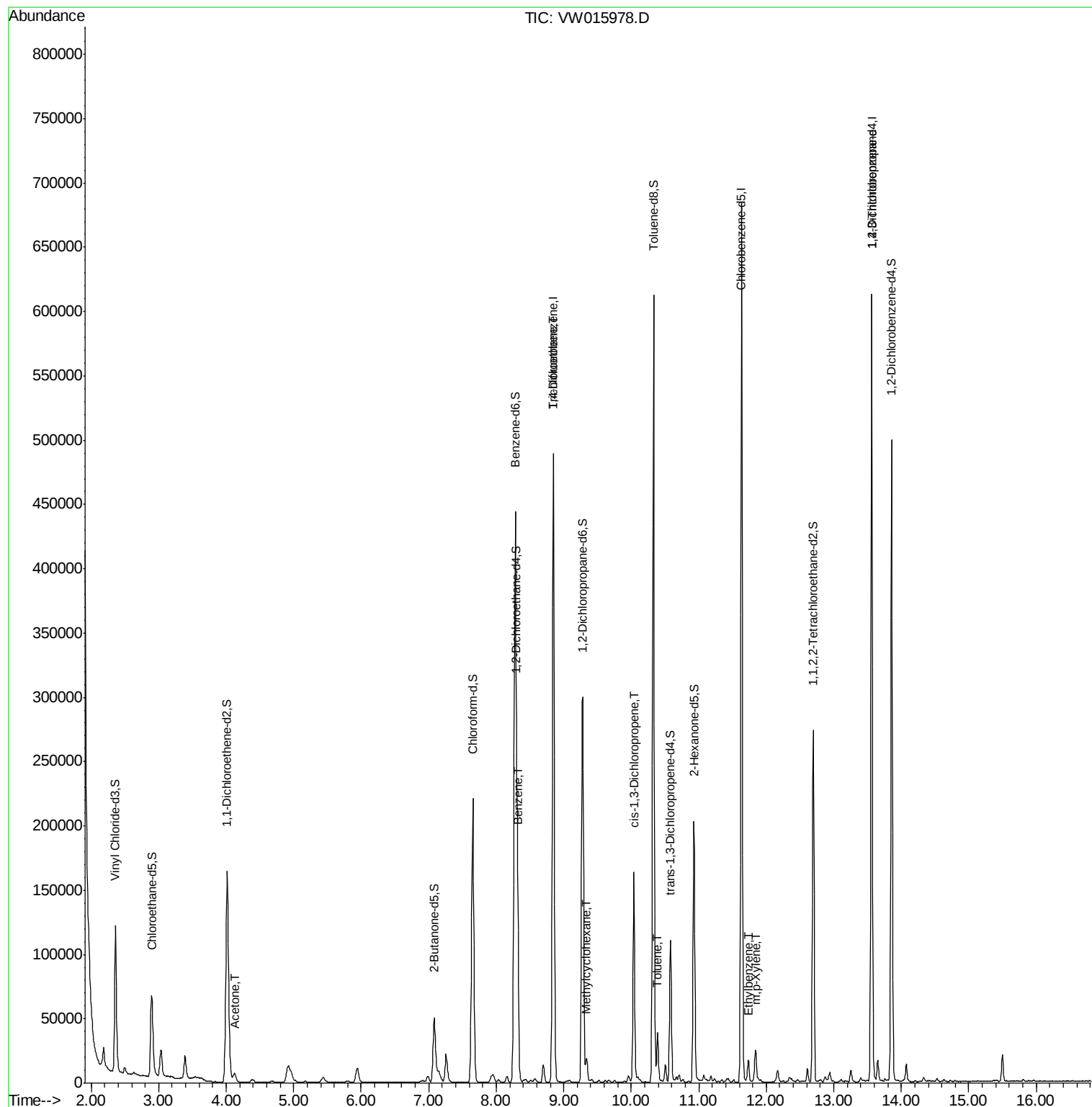
					Ovalue
13) Acetone	4.13	43	10771	8.400	ug/L 96
34) Benzene	8.32	78	11890	0.523	ug/L 100
35) Trichloroethene	8.85	95	12320	2.049	ug/L # 6
36) Methylcyclohexane	9.34	83	6014	0.583	ug/L # 81
42) cis-1,3-Dichloropropene	10.04	75	3745	0.437	ug/L # 77
44) Toluene	10.39	91	27490	1.153	ug/L 94
53) Ethylbenzene	11.73	91	11493	0.429	ug/L 98
54) m,p-Xylene	11.83	106	5673	0.566	ug/L 95
59) 1,2,3-Trichloropropane	13.56	75	19547	5.487	ug/L 92

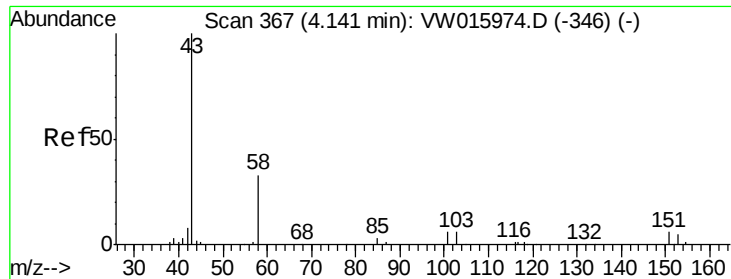
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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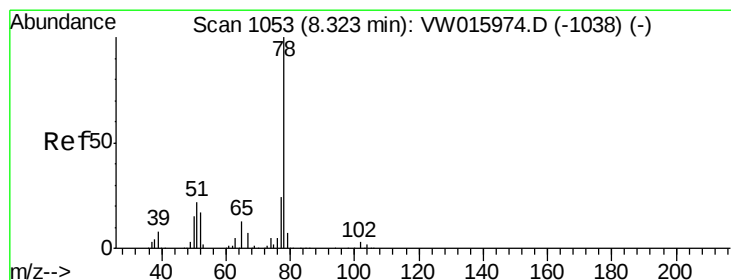
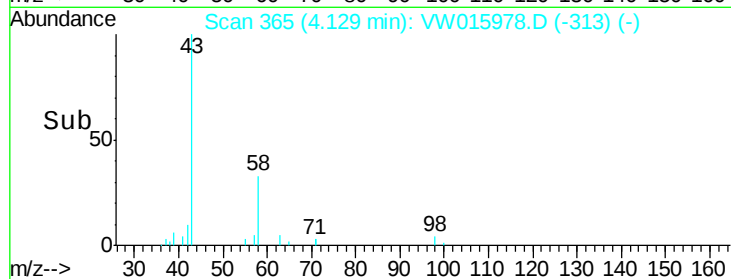
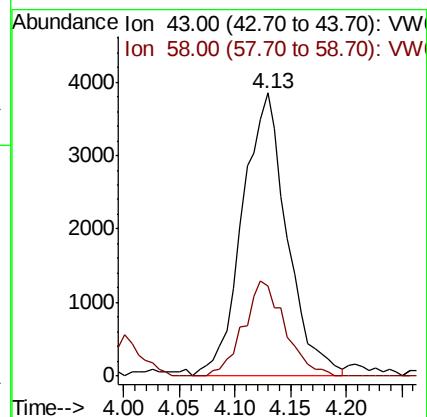
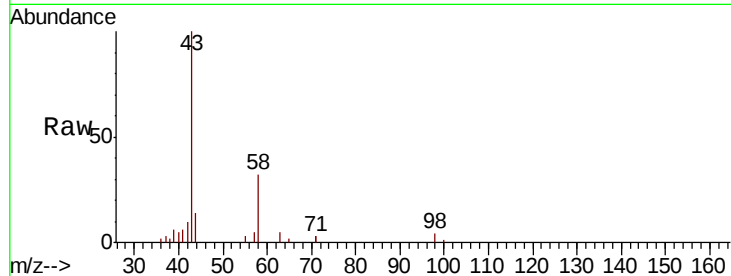




#13
Acetone
Concen: 8.400 ug/L
RT: 4.13 min Scan# 365
Delta R.T. -0.01 min
Lab File: VW015978.D
Acq: 28 Jul 2020 12:54

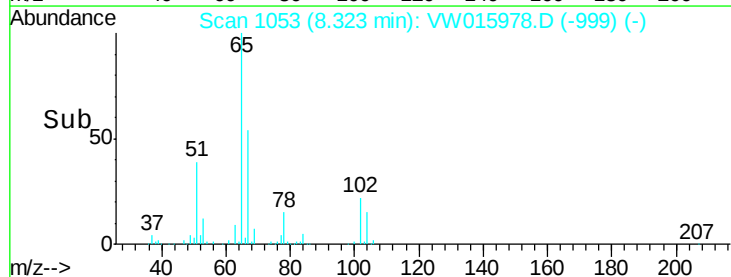
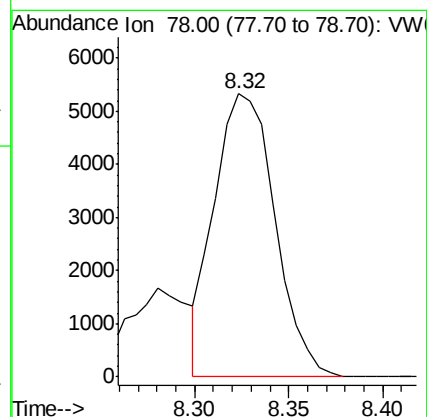
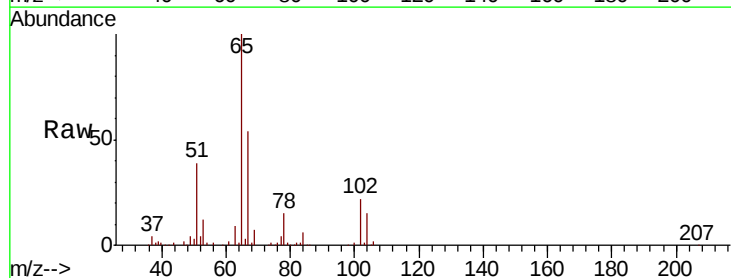
Instrument :
MSVOA_W
ClientSampled :

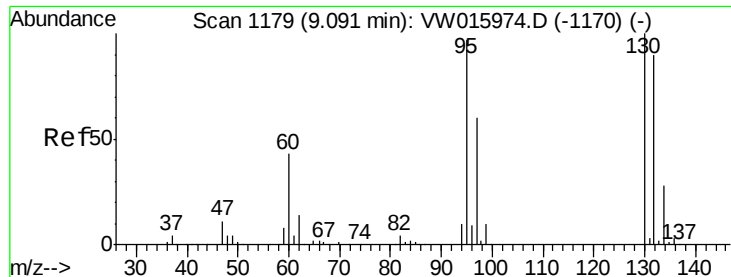
Tot Ion: 43 Resp: 10771
Ion Ratio Lower Upper
43 100
58 31.0 0.0 58.2



#34
Benzene
Concen: 0.523 ug/L
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW015978.D
Acq: 28 Jul 2020 12:54

Tgt Ion: 78 Resp: 11890

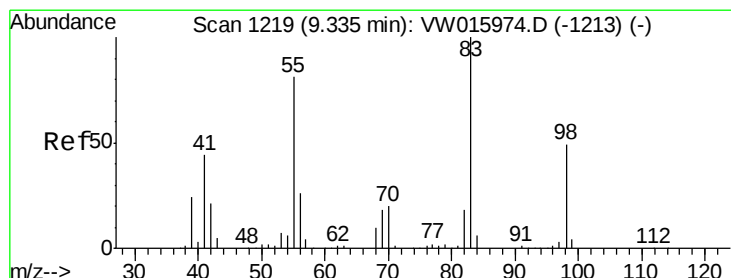
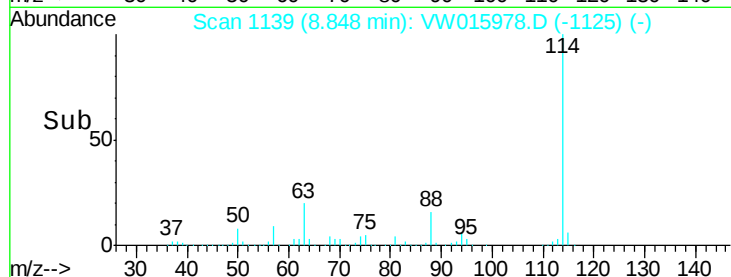
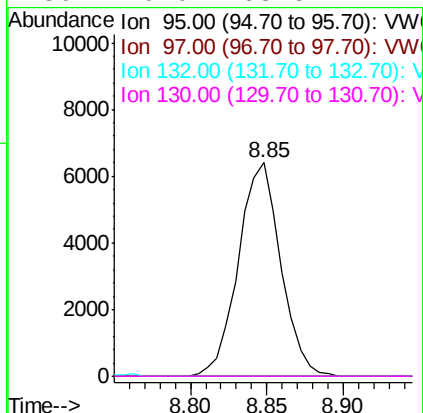
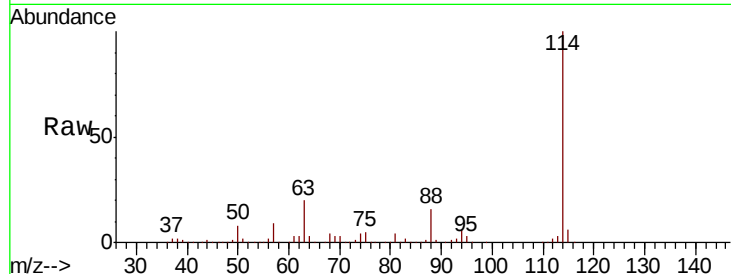




#35
 Trichloroethene
 Concen: 2.049 ug/L
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.24 min
 Lab File: VW015978.D
 Acq: 28 Jul 2020 12:54

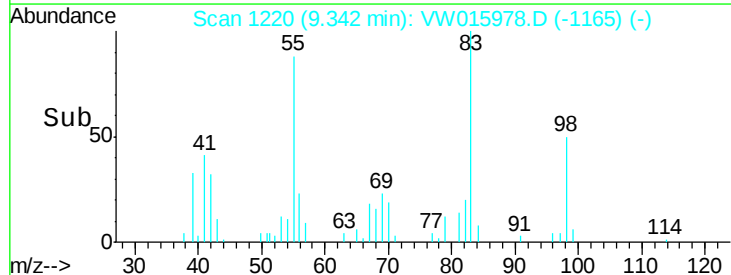
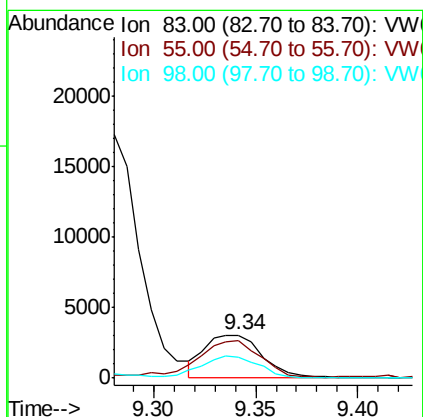
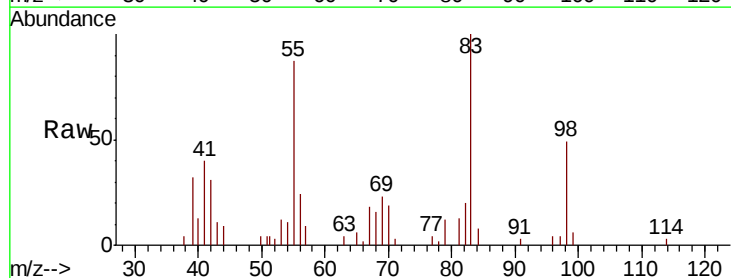
Instrument :
 MSVOA_W
 ClientSampleId :

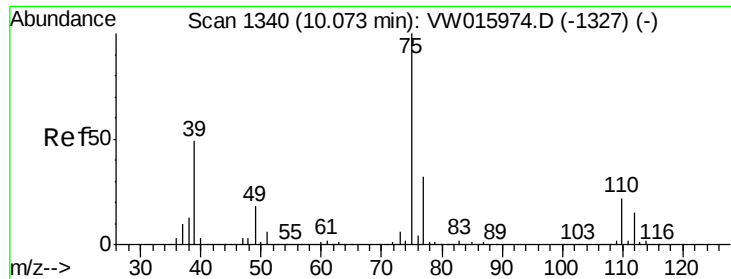
Tot Ion: 95 Resp: 12320
 Ion Ratio Lower Upper
 95 100
 97 0.0 44.4 82.4#
 132 0.0 65.1 120.9#
 130 0.0 68.6 127.4#



#36
 Methylcyclohexane
 Concen: 0.583 ug/L
 RT: 9.34 min Scan# 1220
 Delta R.T. 0.01 min
 Lab File: VW015978.D
 Acq: 28 Jul 2020 12:54

Tgt Ion: 83 Resp: 6014
 Ion Ratio Lower Upper
 83 100
 55 103.2 63.5 95.3#
 98 52.2 39.0 58.4





#42

cis-1,3-Dichloropropene

Concen: 0.437 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW015978.D

Acq: 28 Jul 2020 12:54

Instrument :

MSVOA_W

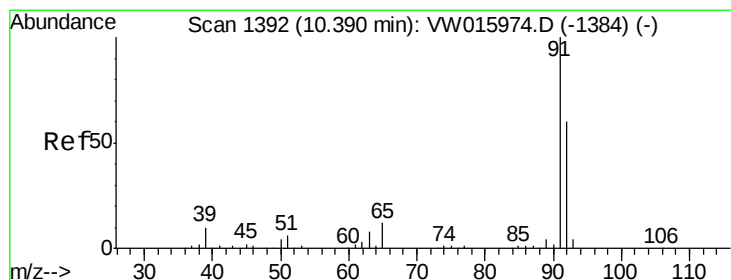
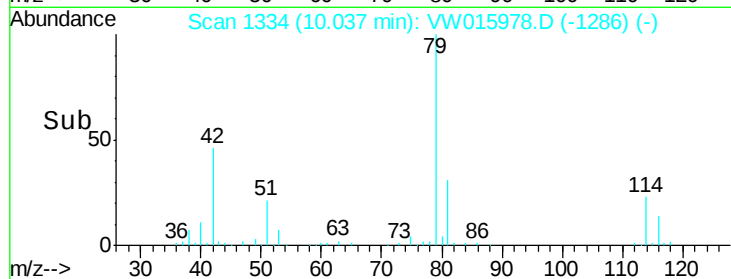
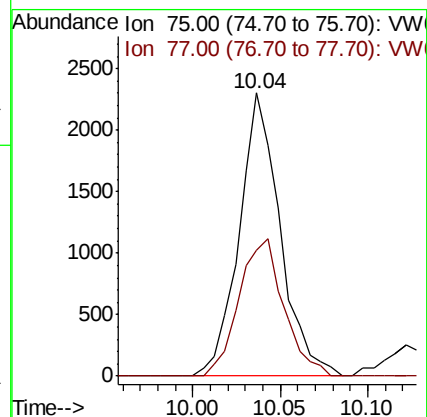
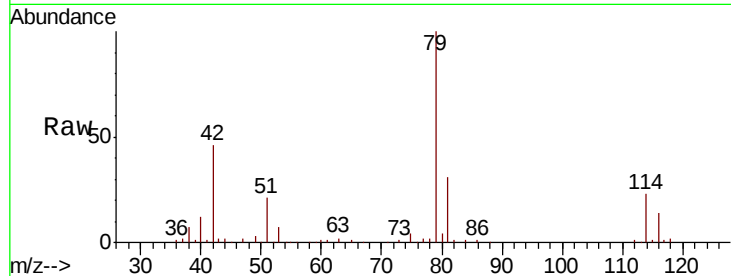
ClientSampled :

Tot Ion: 75 Resp: 3745

Ion Ratio Lower Upper

75 100

77 44.4 22.2 41.2#



#44

Toluene

Concen: 1.153 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW015978.D

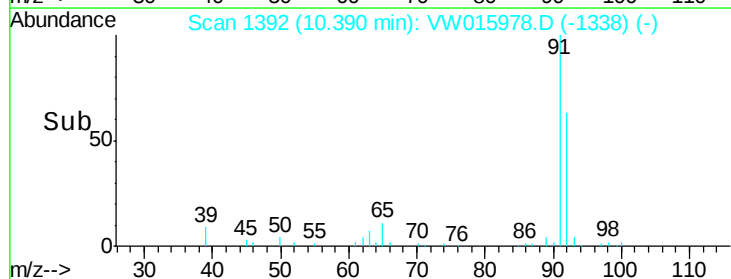
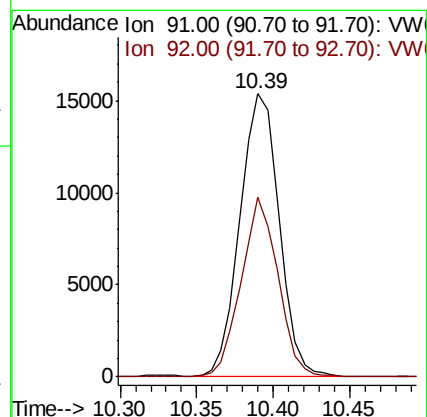
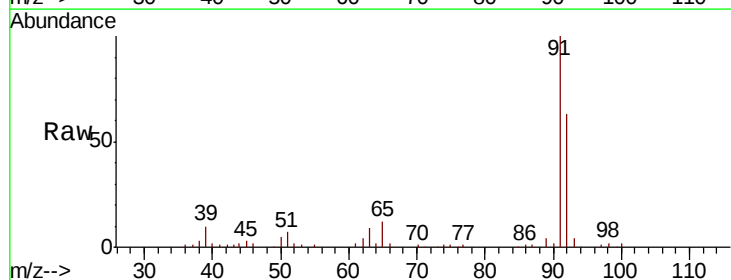
Acq: 28 Jul 2020 12:54

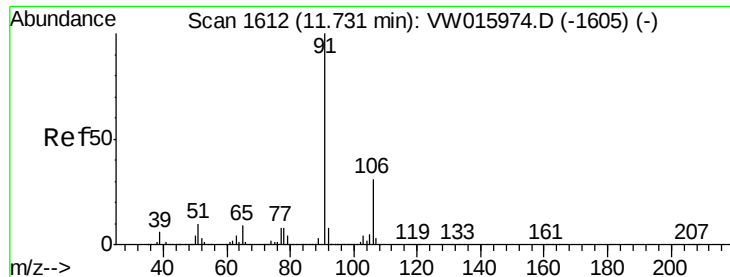
Tgt Ion: 91 Resp: 27490

Ion Ratio Lower Upper

91 100

92 63.5 41.2 76.4

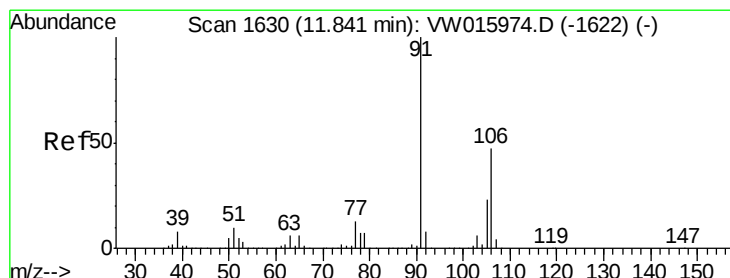
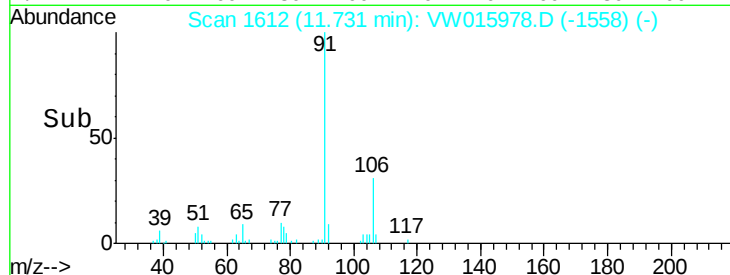
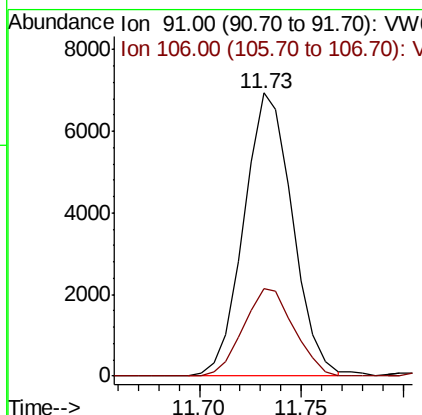
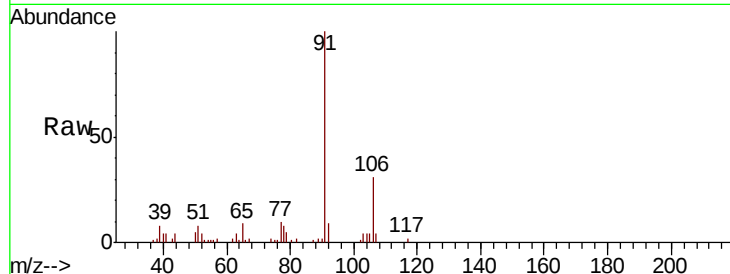




#53
Ethylbenzene
Concen: 0.429 ug/L
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015978.D
Acq: 28 Jul 2020 12:54

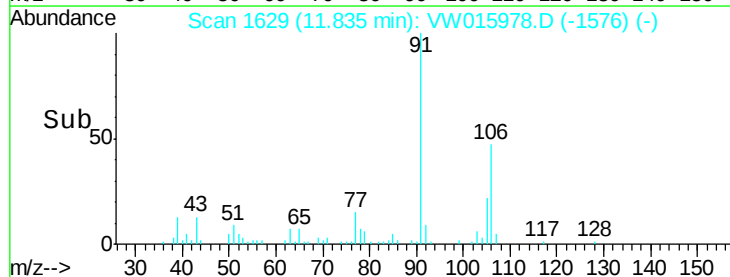
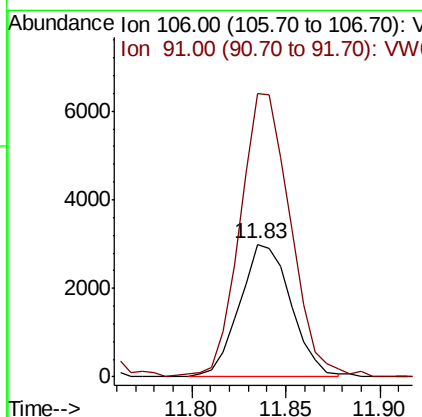
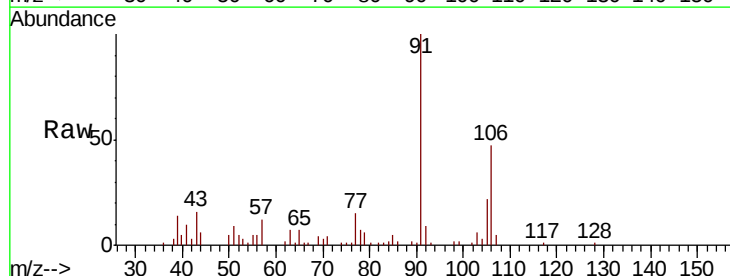
Instrument :
MSVOA_W
ClientSampleId :

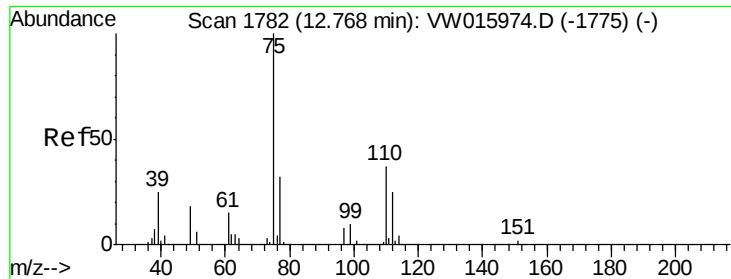
Tot Ion: 91 Resp: 11493
Ion Ratio Lower Upper
91 100
106 31.0 22.4 41.6



#54
m,p-Xylene
Concen: 0.566 ug/L
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW015978.D
Acq: 28 Jul 2020 12:54

Tgt Ion: 106 Resp: 5673
Ion Ratio Lower Upper
106 100
91 213.9 144.1 267.5





#59

1,2,3-Trichloropropane

Concen: 5.487 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW015978.D

Acq: 28 Jul 2020 12:54

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 19547

Ion Ratio Lower Upper

75 100

77 36.9 26.0 39.0

