

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091119\
 Data File : VX012307.D
 Acq On : 11 Sep 2019 17:29
 Operator : SY/SP
 Sample : K4643-16
 Misc : 3.74g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T11-C2-(4)

Quant Time: Sep 12 05:40:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091019S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 12:55:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	176787	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	307027	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	261567	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	107063	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	118173	47.28	ug/l	0.00
Spiked Amount			Recovery	=	94.56%	
35) Dibromofluoromethane	5.48	113	92871	47.19	ug/l	0.00
Spiked Amount			Recovery	=	94.38%	
50) Toluene-d8	8.71	98	355593	51.51	ug/l	0.00
Spiked Amount			Recovery	=	103.02%	
62) 4-Bromofluorobenzene	11.14	95	131082	40.96	ug/l	0.00
Spiked Amount			Recovery	=	81.92%	

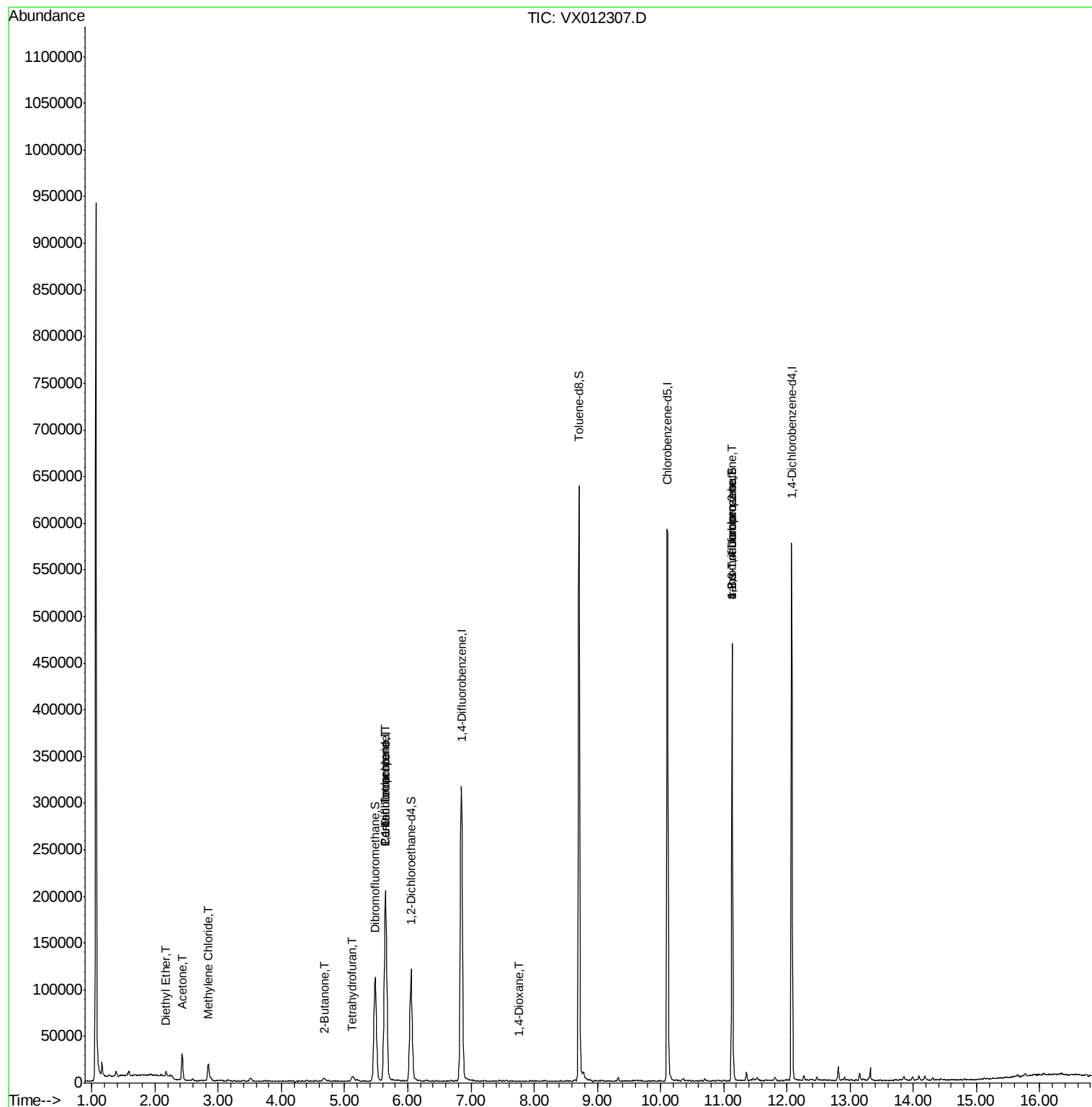
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	211	Below Cal		100
8) Diethyl Ether	2.17	74	1430	1.792	ug/l	100
11) Tert butyl alcohol	3.02	59	870	Below Cal	#	74
16) Acetone	2.43	43	30548	51.629	ug/l	99
20) Methylene Chloride	2.84	84	7676	1.608	ug/l	98
25) 2-Butanone	4.67	43	3774	4.990	ug/l	92
29) Tetrahydrofuran	5.12	42	4856	11.899	ug/l	# 62
36) 1,1-Dichloropropene	5.65	75	15951	7.125	ug/l	# 53
38) Carbon Tetrachloride	5.64	117	20835	7.932	ug/l	# 14
49) 1,4-Dioxane	7.77	88	52	2.759	ug/l	# 61
76) 1,2,3-Trichloropropane	11.13	75	69628	50.624	ug/l	# 38
81) trans-1,4-Dichloro-2-buten	11.13	75	69628	151.682	ug/l	# 5

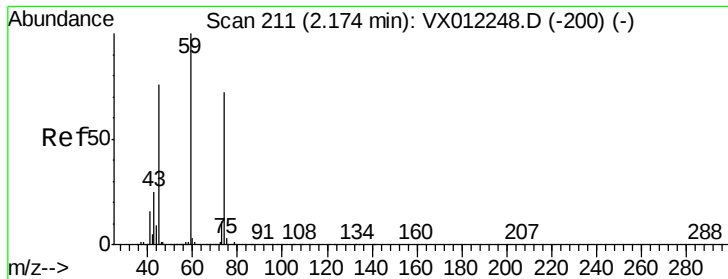
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Diethyl Ether

Concen: 1.792 ug/l

RT: 2.17 min Scan# 211

Delta R.T. 0.00 min

Lab File: VX012307.D

Acq: 11 Sep 2019 17:29

Instrument :

MSVOA_X

ClientSampled :

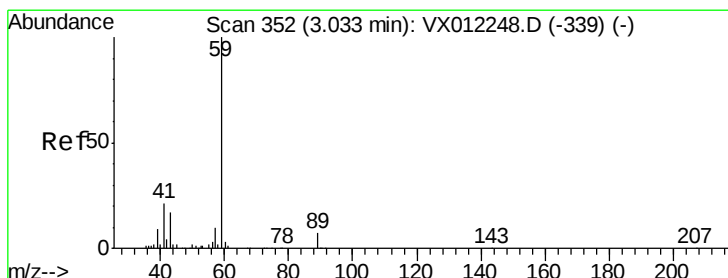
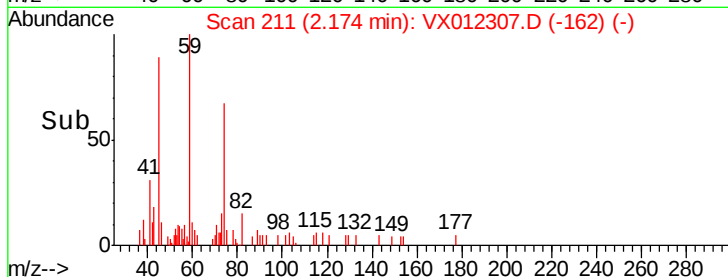
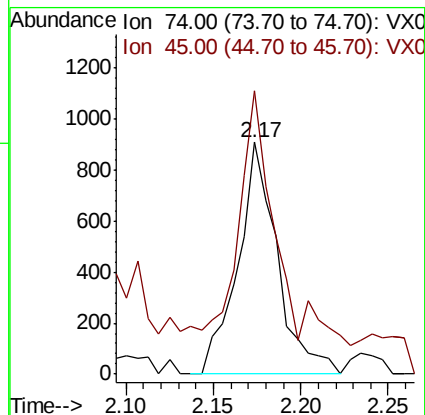
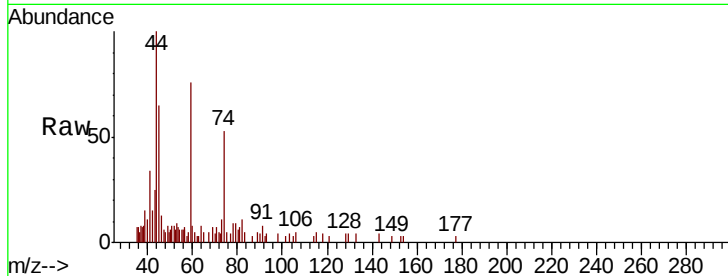
T11-C2-(4)

Tgt Ion: 74 Resp: 1430

Ion Ratio Lower Upper

74 100

45 103.0 51.3 153.9



#11

Tert butyl alcohol

Concen: Below Cal

RT: 3.02 min Scan# 350

Delta R.T. -0.01 min

Lab File: VX012307.D

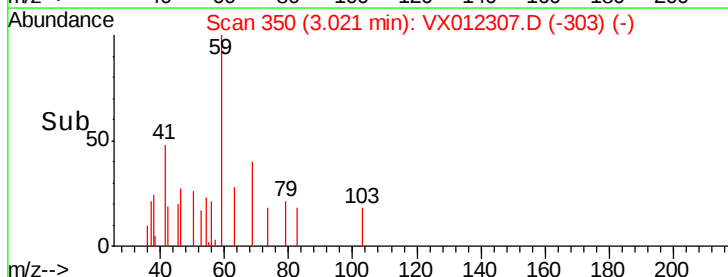
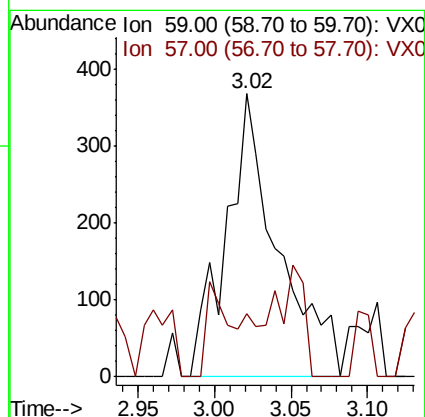
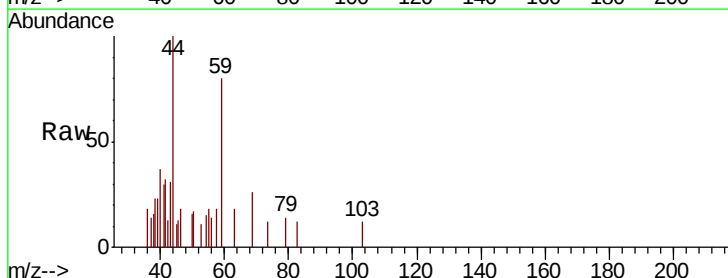
Acq: 11 Sep 2019 17:29

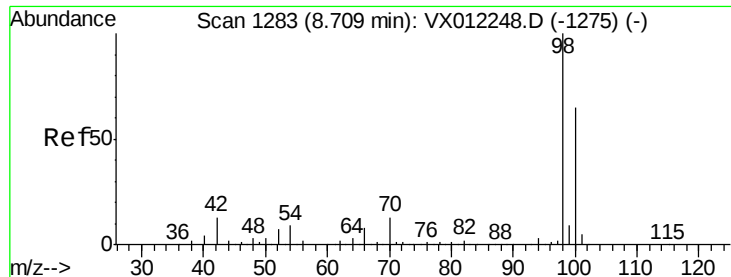
Tgt Ion: 59 Resp: 870

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.6#

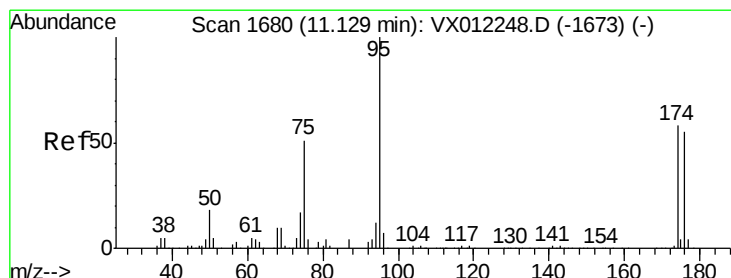
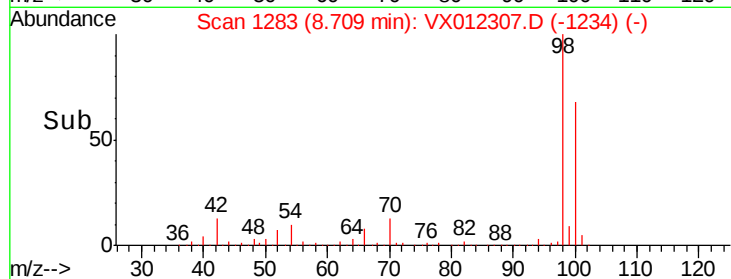
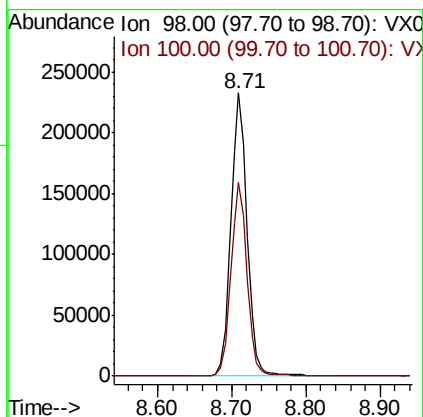
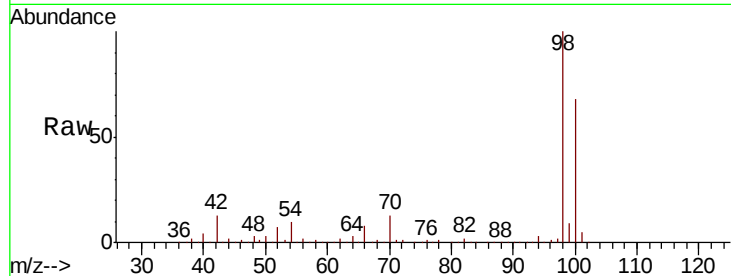




#50
Toluene-d8
Concen: 51.512 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012307.D
Acq: 11 Sep 2019 17:29

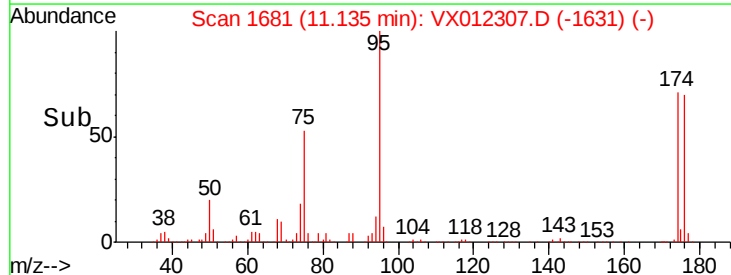
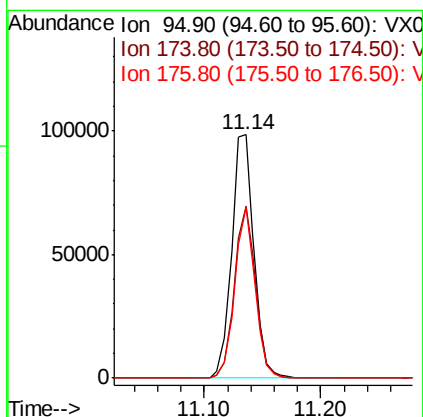
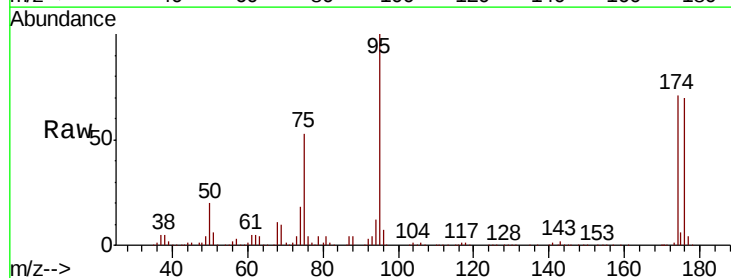
Instrument :
MSVOA_X
ClientSampled :
T11-C2-(4)

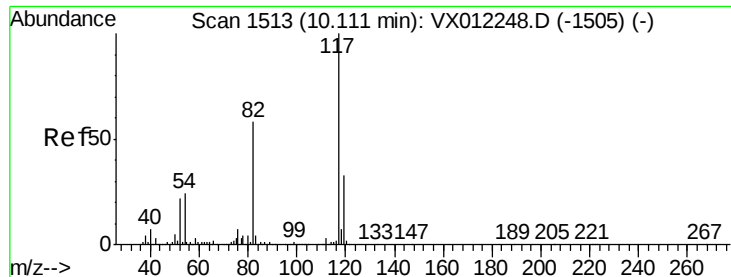
Tgt Ion: 98 Resp: 355593
Ion Ratio Lower Upper
98 100
100 68.4 54.1 81.1



#62
4-Bromofluorobenzene
Concen: 40.959 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX012307.D
Acq: 11 Sep 2019 17:29

Tgt Ion: 95 Resp: 131082
Ion Ratio Lower Upper
95 100
174 67.6 0.0 127.0
176 64.2 0.0 125.8

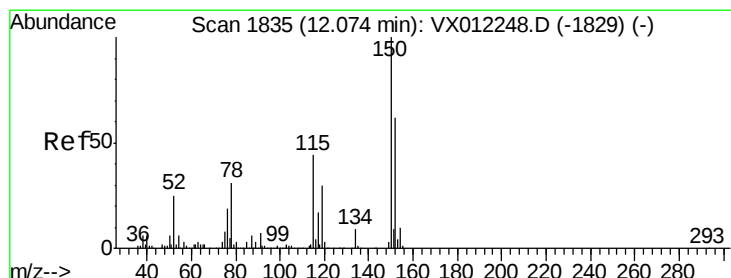
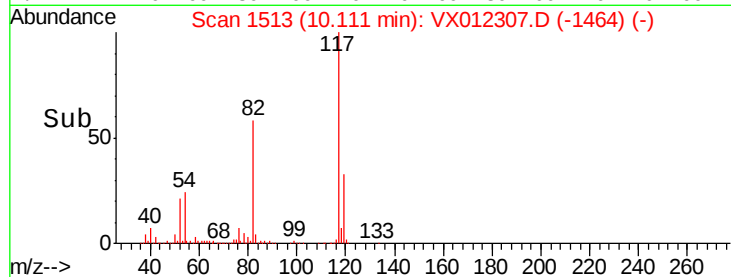
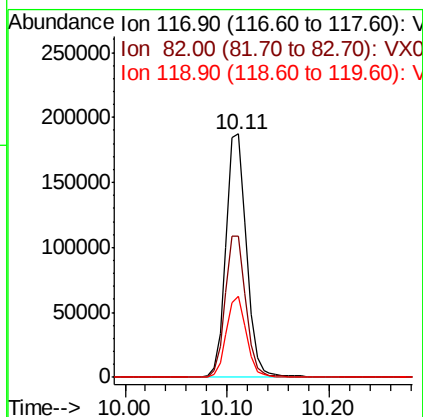
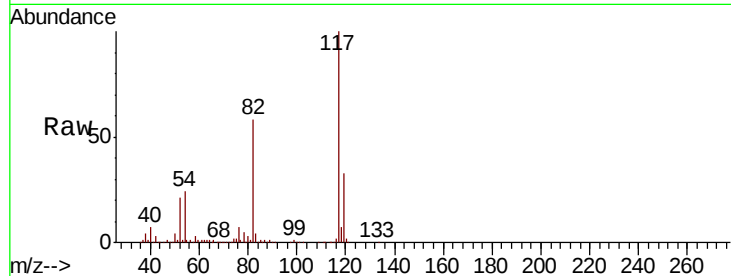




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012307.D
Acq: 11 Sep 2019 17:29

Instrument :
MSVOA_X
ClientSampleId :
T11-C2-(4)

Tgt Ion	Ratio	Lower	Upper
117	100		
82	58.1	46.4	69.6
119	33.5	26.6	39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012307.D
Acq: 11 Sep 2019 17:29

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.4	45.5	136.4
150	158.8	0.0	346.4

