

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121020\
 Data File : VX019831.D
 Acq On : 10 Dec 2020 17:27
 Operator : JC/MD
 Sample : L4996-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE117D1-20201208

Quant Time: Dec 11 12:44:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	310354	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	528348	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	488845	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	210607	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		6.03	65	202955	49.76	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.52%	
35) Dibromofluoromethane		5.46	113	161261	47.23	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	94.46%	
50) Toluene-d8		8.70	98	637826	48.93	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.86%	
62) 4-Bromofluorobenzene		11.12	95	226444	45.64	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	91.28%	

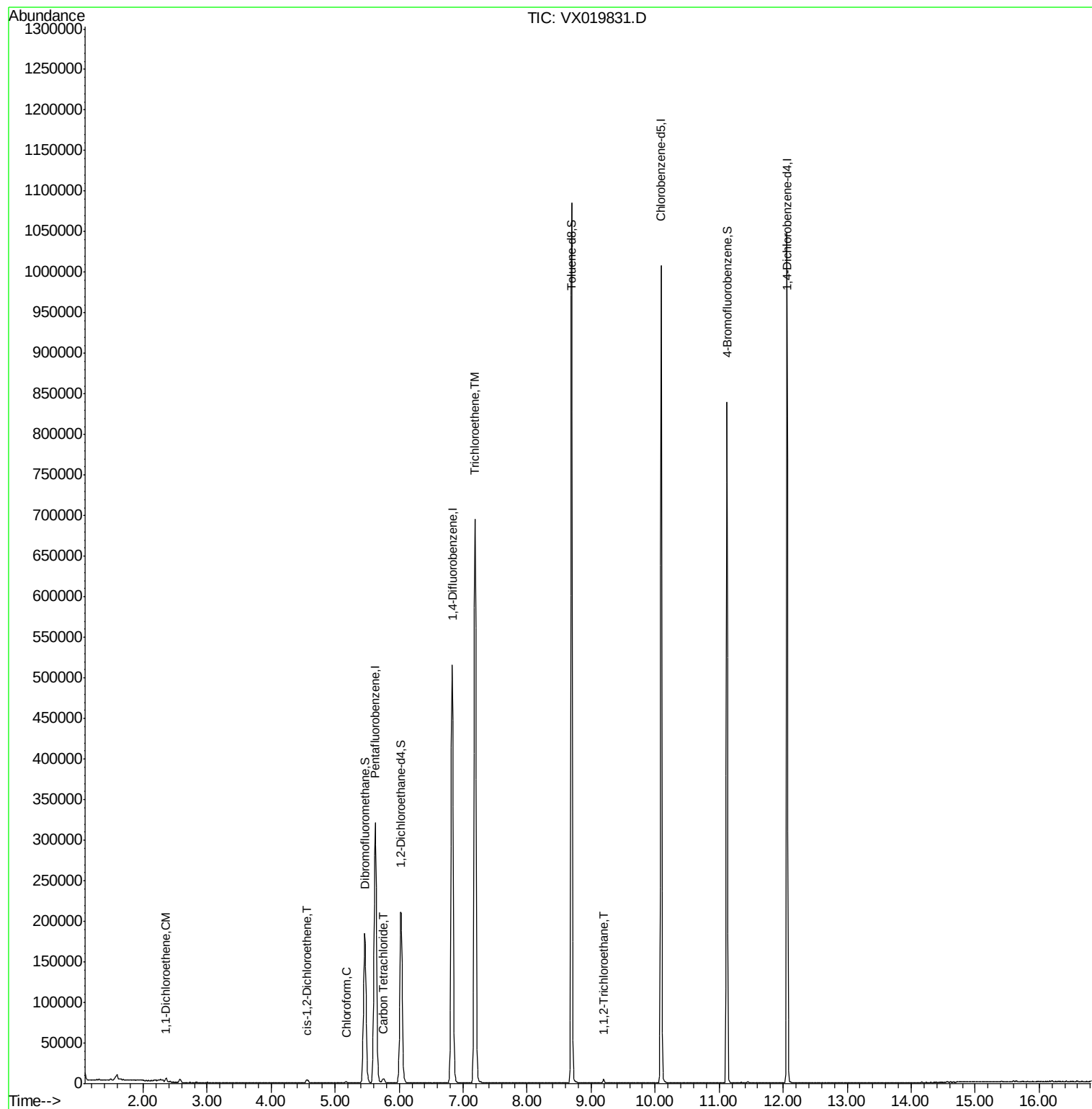
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	2.36	96	1068	0.376	ug/l	93
27) cis-1,2-Dichloroethene	4.55	96	2316	0.597	ug/l	89
30) Chloroform	5.18	83	1579	0.262	ug/l	97
38) Carbon Tetrachloride	5.75	117	4580	0.980	ug/l	95
44) Trichloroethene	7.18	130	277264	72.458	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	1318	0.359	ug/l	90

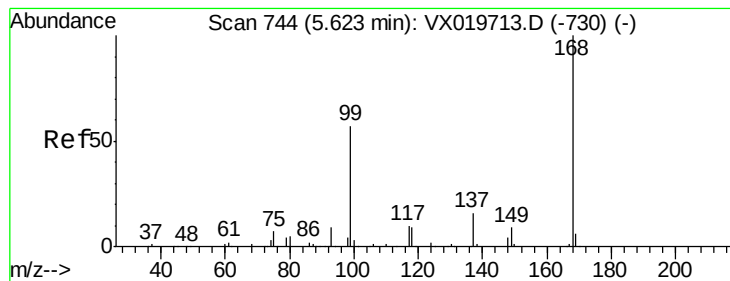
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX121020\
Data File : VX019831.D
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ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
RE117D1-20201208

Quant Time: Dec 11 12:44:54 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 04 15:32:53 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.01 min

Lab File: VX019831.D

Acq: 10 Dec 2020 17:27

Instrument :

MSVOA_X

ClientSampleId :

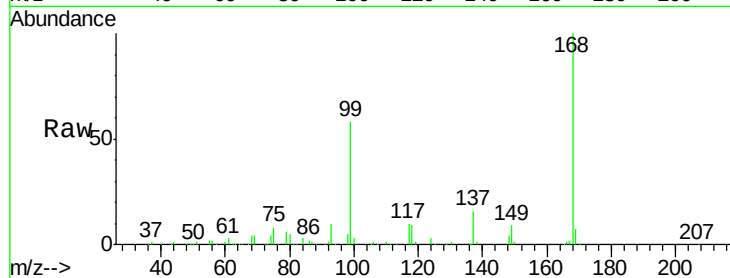
RE117D1-20201208

Tot Ion:168 Resp: 310354

Ion Ratio Lower Upper

168 100

99 58.0 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

120000

100000

80000

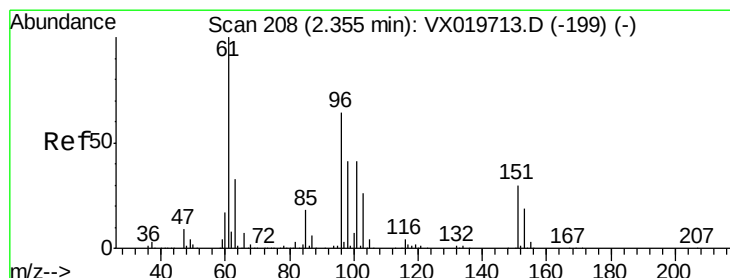
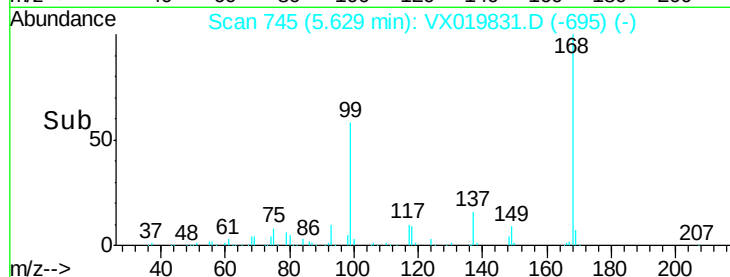
60000

40000

20000

0

Time-->



#12

1,1-Dichloroethene

Concen: 0.376 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX019831.D

Acq: 10 Dec 2020 17:27

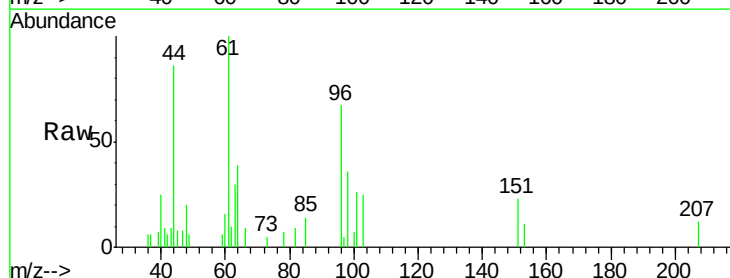
Tgt Ion: 96 Resp: 1068

Ion Ratio Lower Upper

96 100

61 149.4 124.6 187.0

98 54.1 50.6 76.0



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

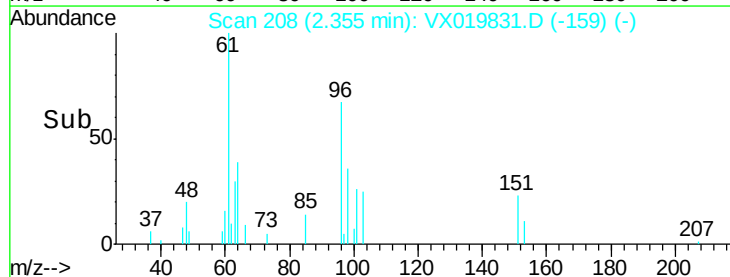
2.36

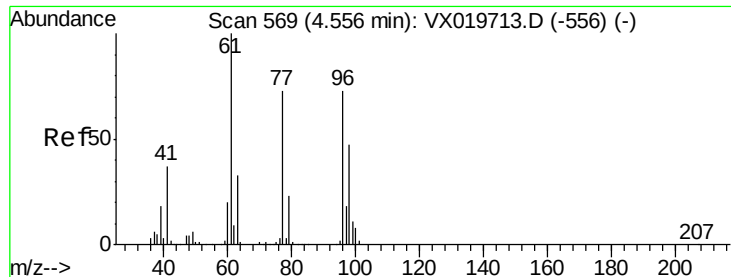
1000

500

0

Time-->

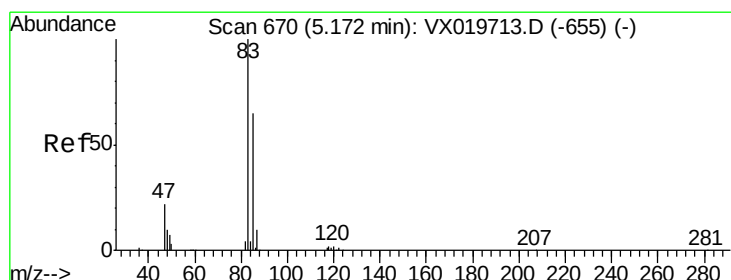
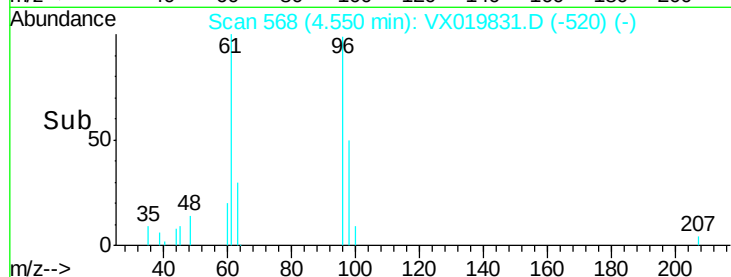
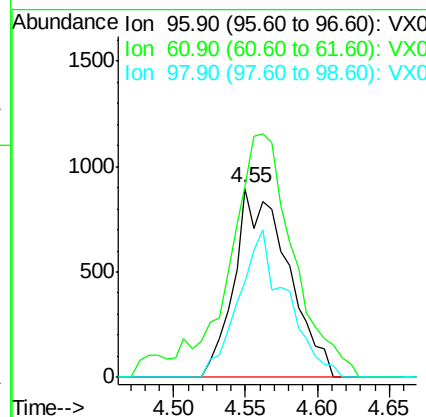
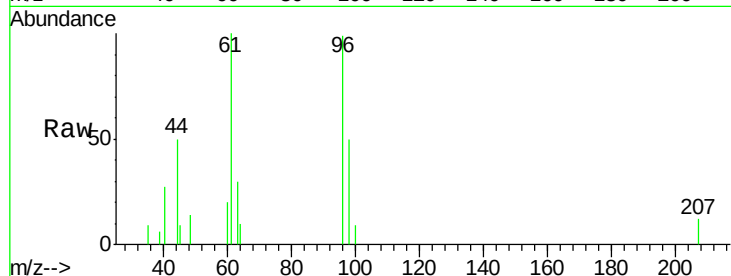




#27
 cis-1,2-Dichloroethene
 Concen: 0.597 ug/l
 RT: 4.55 min Scan# 568
 Delta R.T. -0.01 min
 Lab File: VX019831.D
 Acq: 10 Dec 2020 17:27

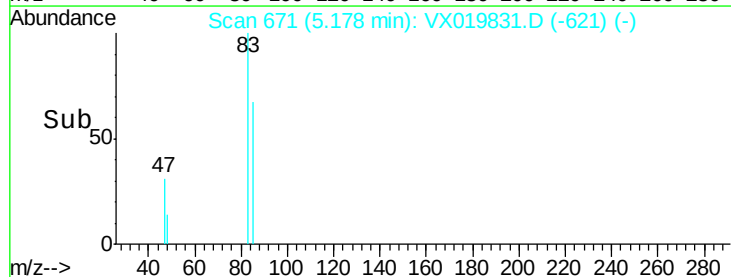
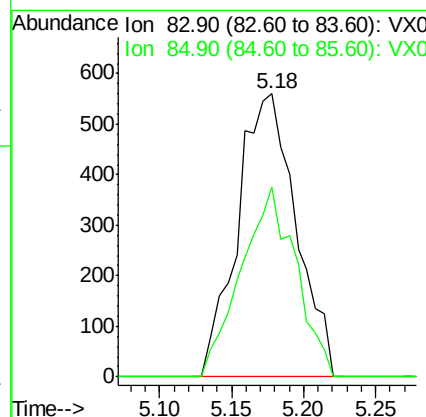
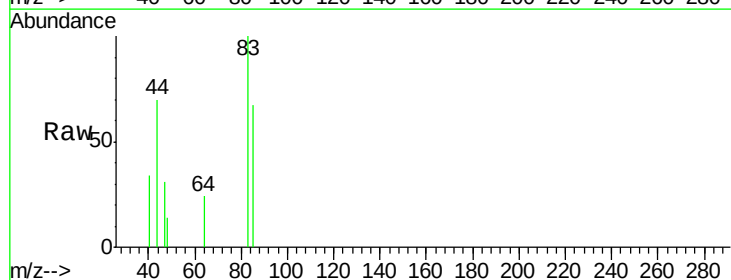
Instrument :
 MSVOA_X
 ClientSampleId :
 RE117D1-20201208

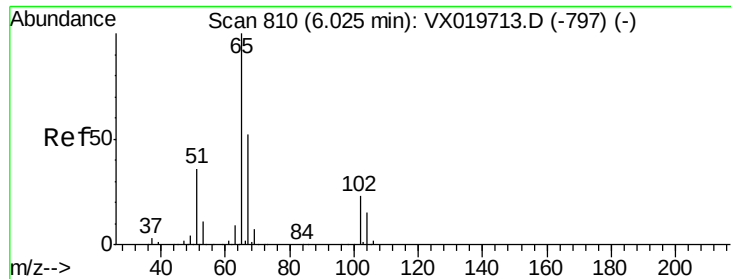
Tot Ion: 96 Resp: 2316
 Ion Ratio Lower Upper
 96 100
 61 159.1 0.0 285.6
 98 69.8 0.0 129.6



#30
 Chloroform
 Concen: 0.262 ug/l
 RT: 5.18 min Scan# 671
 Delta R.T. 0.01 min
 Lab File: VX019831.D
 Acq: 10 Dec 2020 17:27

Tgt Ion: 83 Resp: 1579
 Ion Ratio Lower Upper
 83 100
 85 67.1 52.0 78.0

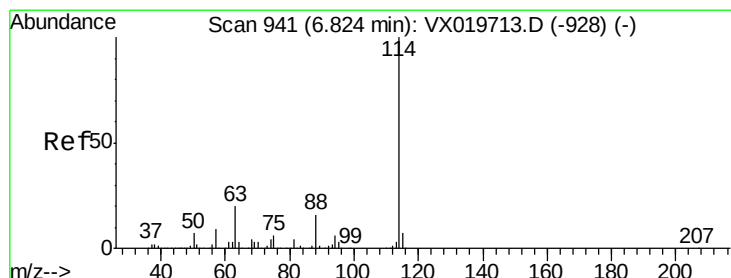
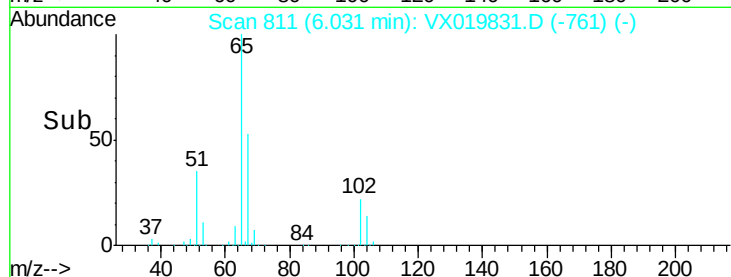
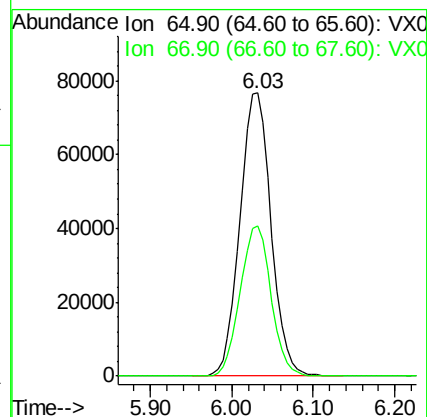
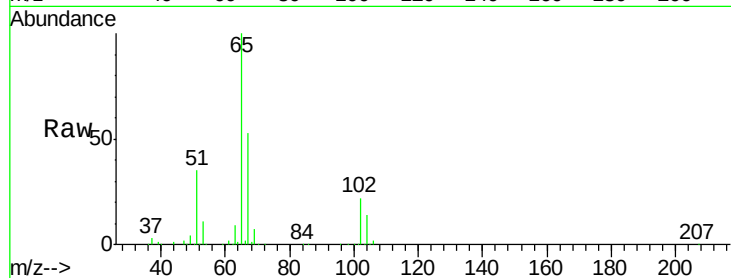




#33
 1,2-Dichloroethane-d4
 Concen: 49.757 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.01 min
 Lab File: VX019831.D
 Acq: 10 Dec 2020 17:27

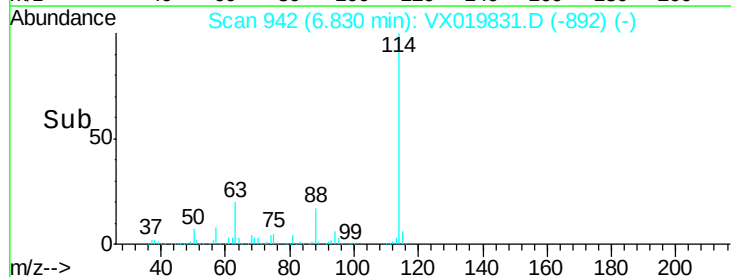
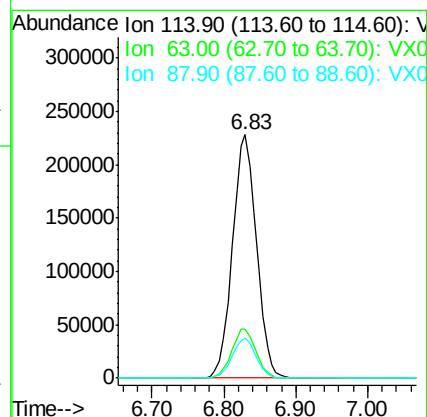
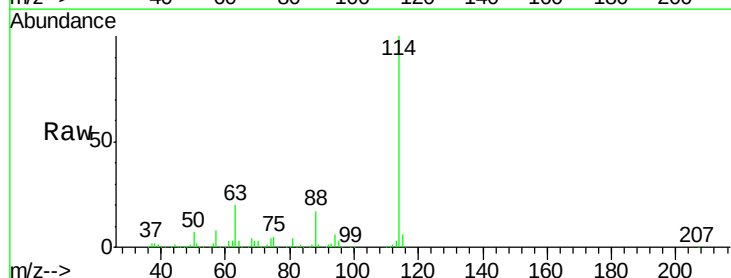
Instrument :
 MSVOA_X
 ClientSampleId :
 RE117D1-20201208

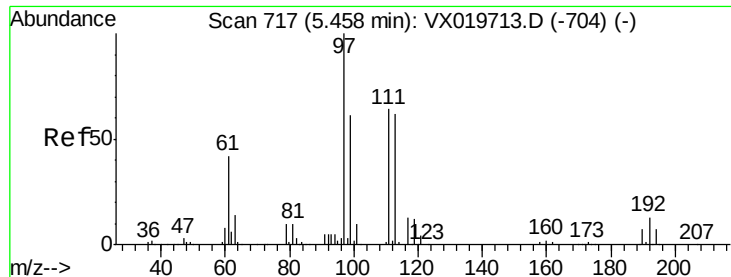
Tot Ion: 65 Resp: 202955
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.01 min
 Lab File: VX019831.D
 Acq: 10 Dec 2020 17:27

Tgt Ion: 114 Resp: 528348
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 40.8
 88 16.5 0.0 32.8

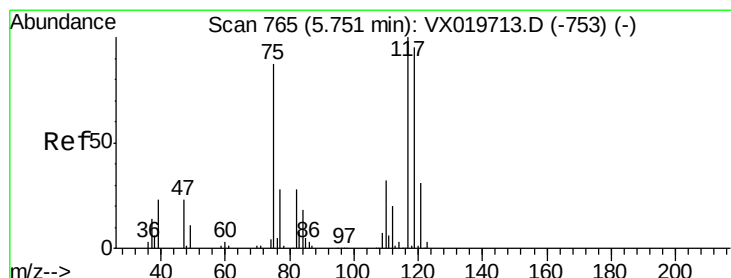
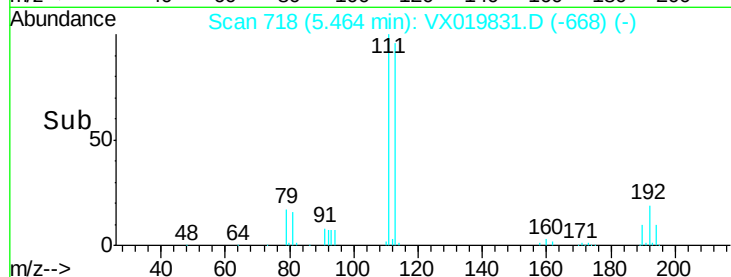
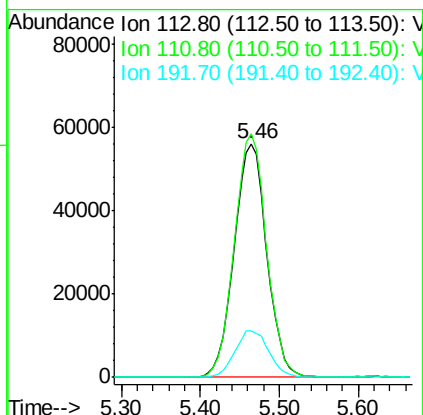
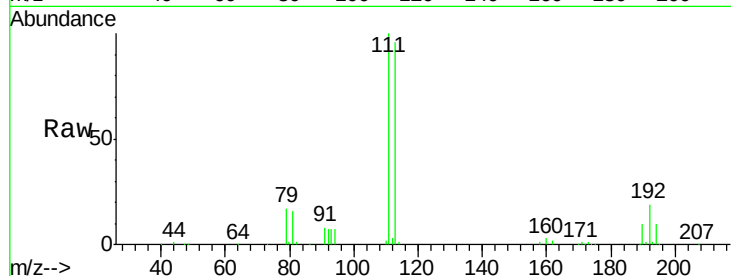




#35
 Dibromofluoromethane
 Concen: 47.226 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. 0.01 min
 Lab File: VX019831.D
 Acq: 10 Dec 2020 17:27

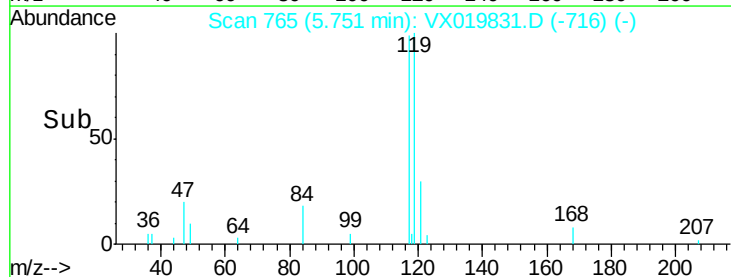
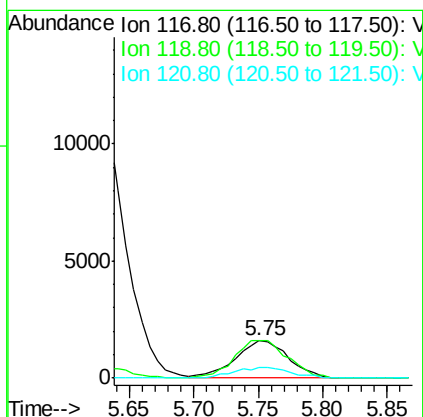
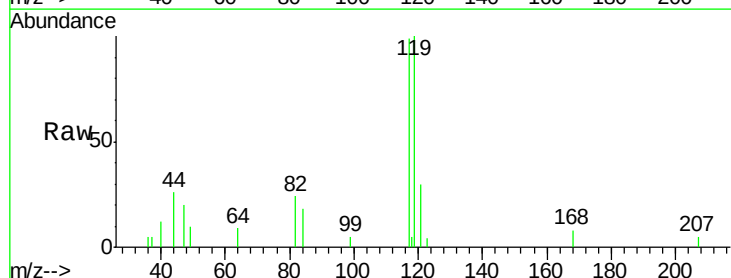
Instrument :
 MSVOA_X
 ClientSampleId :
 RE117D1-20201208

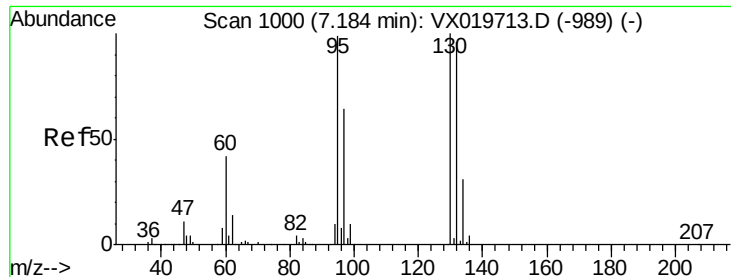
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.9	122.9
192	20.7	16.7	25.1



#38
 Carbon Tetrachloride
 Concen: 0.980 ug/l
 RT: 5.75 min Scan# 765
 Delta R.T. -0.00 min
 Lab File: VX019831.D
 Acq: 10 Dec 2020 17:27

Tgt Ion	Ratio	Lower	Upper
117	100		
119	101.3	76.2	114.2
121	30.0	24.8	37.2





#44

Trichloroethene

Concen: 72.458 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VX019831.D

Acq: 10 Dec 2020 17:27

Instrument :

MSVOA_X

ClientSampleId :

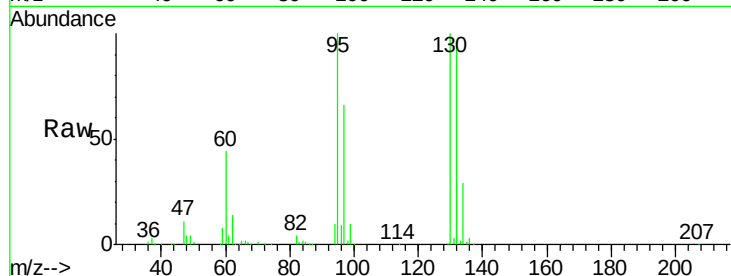
RE117D1-20201208

Tot Ion:130 Resp: 277264

Ion Ratio Lower Upper

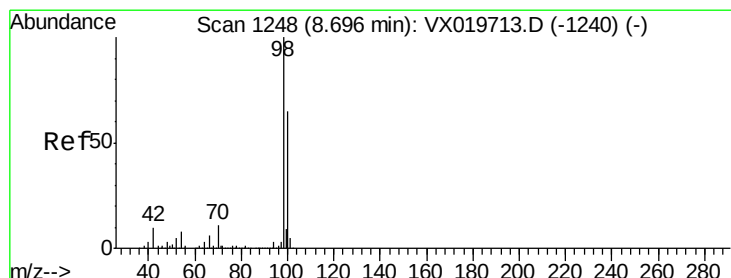
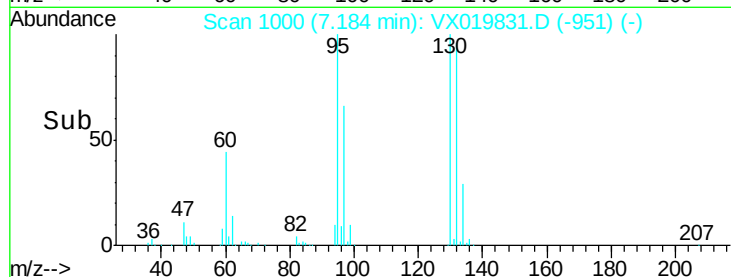
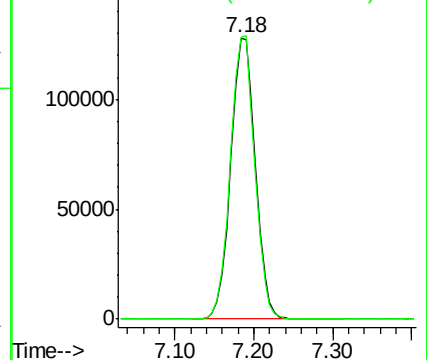
130 100

95 100.3 0.0 198.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 48.927 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019831.D

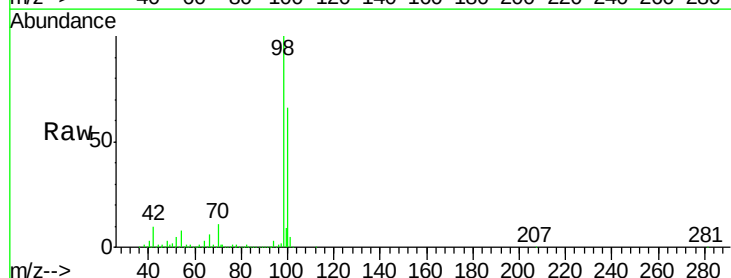
Acq: 10 Dec 2020 17:27

Tgt Ion: 98 Resp: 637826

Ion Ratio Lower Upper

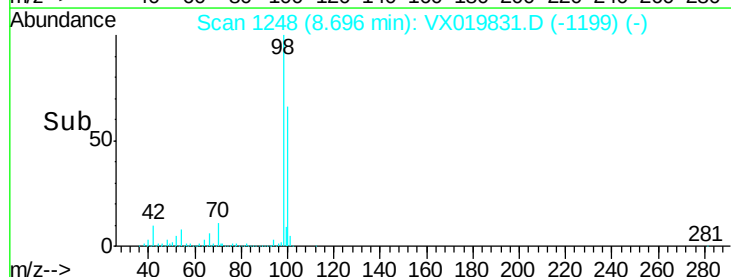
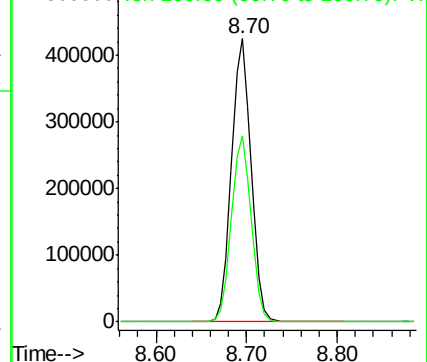
98 100

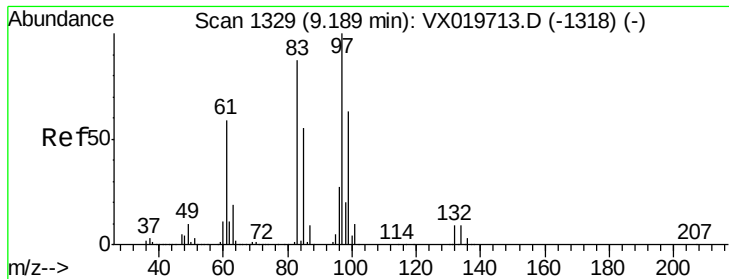
100 66.1 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

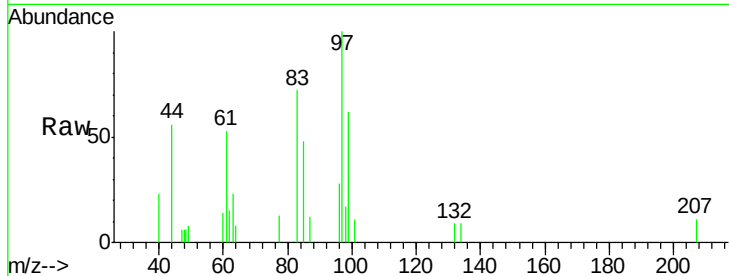




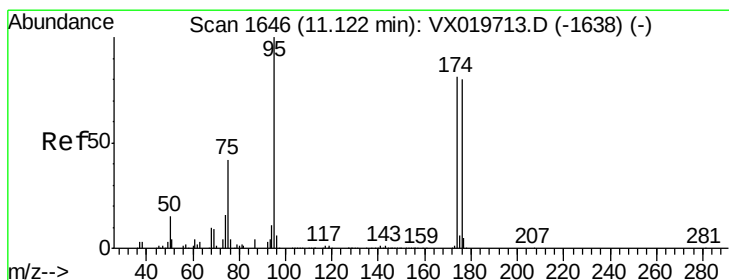
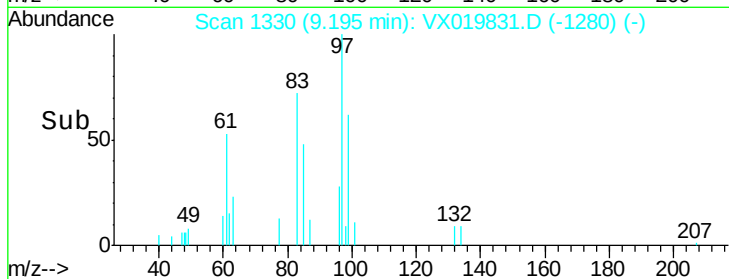
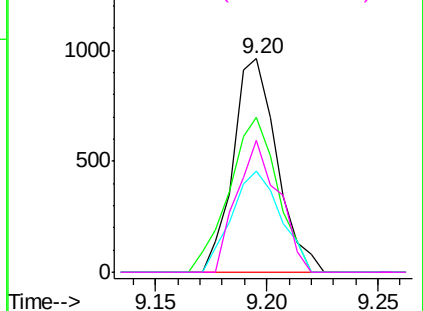
#55
 1,1,2-Trichloroethane
 Concen: 0.359 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.01 min
 Lab File: VX019831.D
 Acq: 10 Dec 2020 17:27

Instrument :
 MSVOA_X
 ClientSampleId :
 RE117D1-20201208

Tot Ion:	97	Resp:	1318
Ion	Ratio	Lower	Upper
97	100		
83	72.2	69.3	103.9
85	47.5	44.3	66.5
99	61.6	50.3	75.5

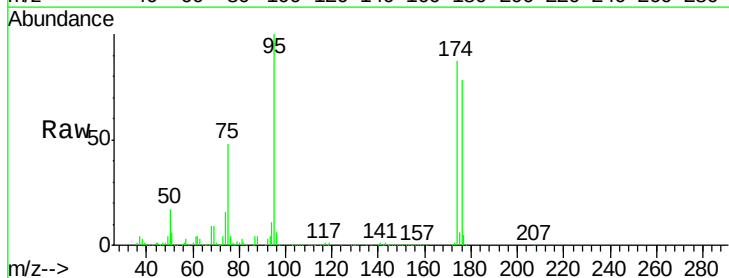


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

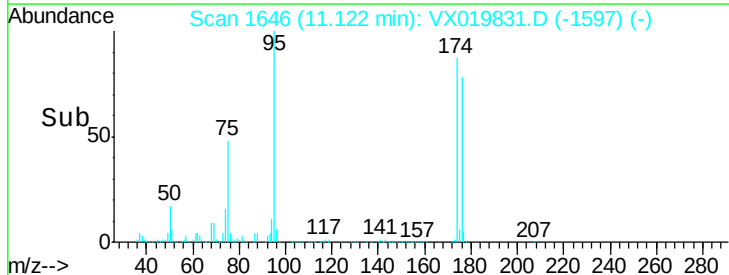
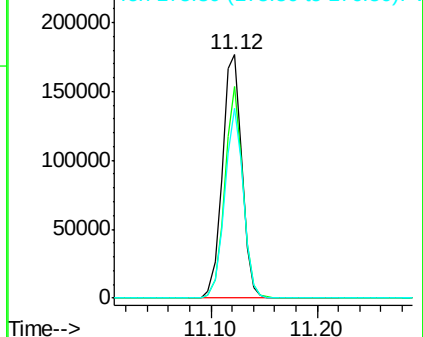


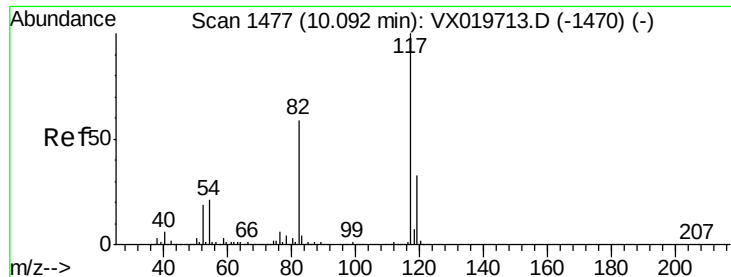
#62
 4-Bromofluorobenzene
 Concen: 45.638 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX019831.D
 Acq: 10 Dec 2020 17:27

Tgt Ion:	95	Resp:	226444
Ion	Ratio	Lower	Upper
95	100		
174	79.8	0.0	154.6
176	74.5	0.0	155.8



Abundance Ion 94.90 (94.60 to 95.60): VX0
 Ion 173.80 (173.50 to 174.50): V
 Ion 175.80 (175.50 to 176.50): V

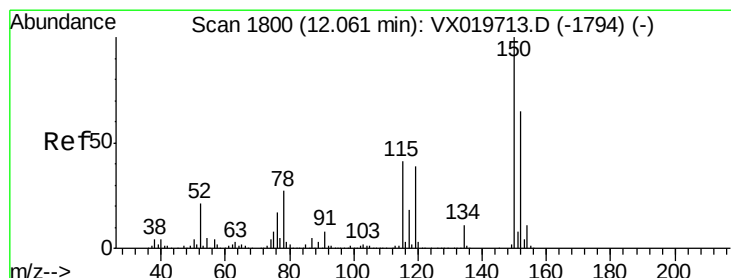
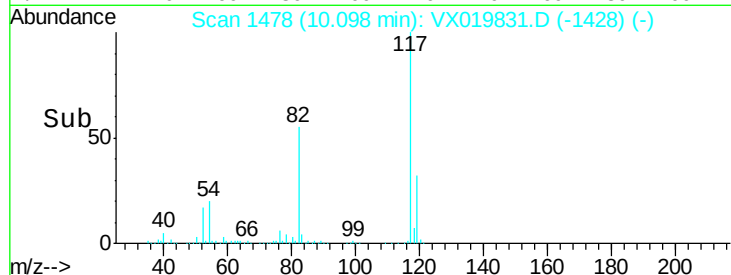
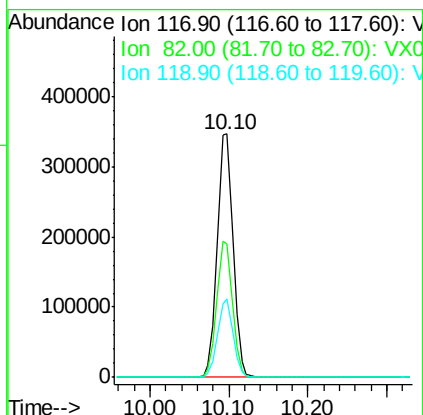
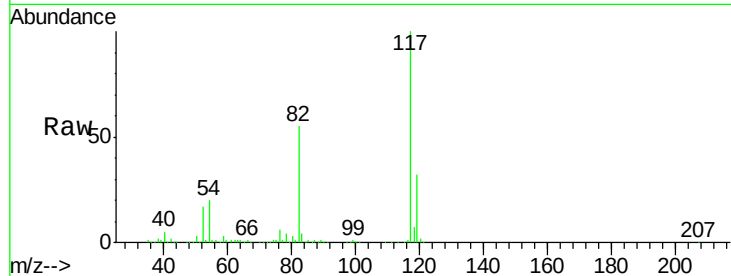




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.01 min
Lab File: VX019831.D
Acq: 10 Dec 2020 17:27

Instrument :
MSVOA_X
ClientSampleId :
RE117D1-20201208

Tot Ion:117 Resp: 488845
Ion Ratio Lower Upper
117 100
82 55.0 47.4 71.2
119 32.3 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX019831.D
Acq: 10 Dec 2020 17:27

Tgt Ion:152 Resp: 210607
Ion Ratio Lower Upper
152 100
115 60.7 41.1 123.3
150 159.7 0.0 349.0

