

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031020\
 Data File : VX015181.D
 Acq On : 10 Mar 2020 19:05
 Operator : JC/SP
 Sample : L1842-28
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D2-20200306

Quant Time: Mar 11 09:29:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 14:19:10 2020
 Response via : Initial Calibration

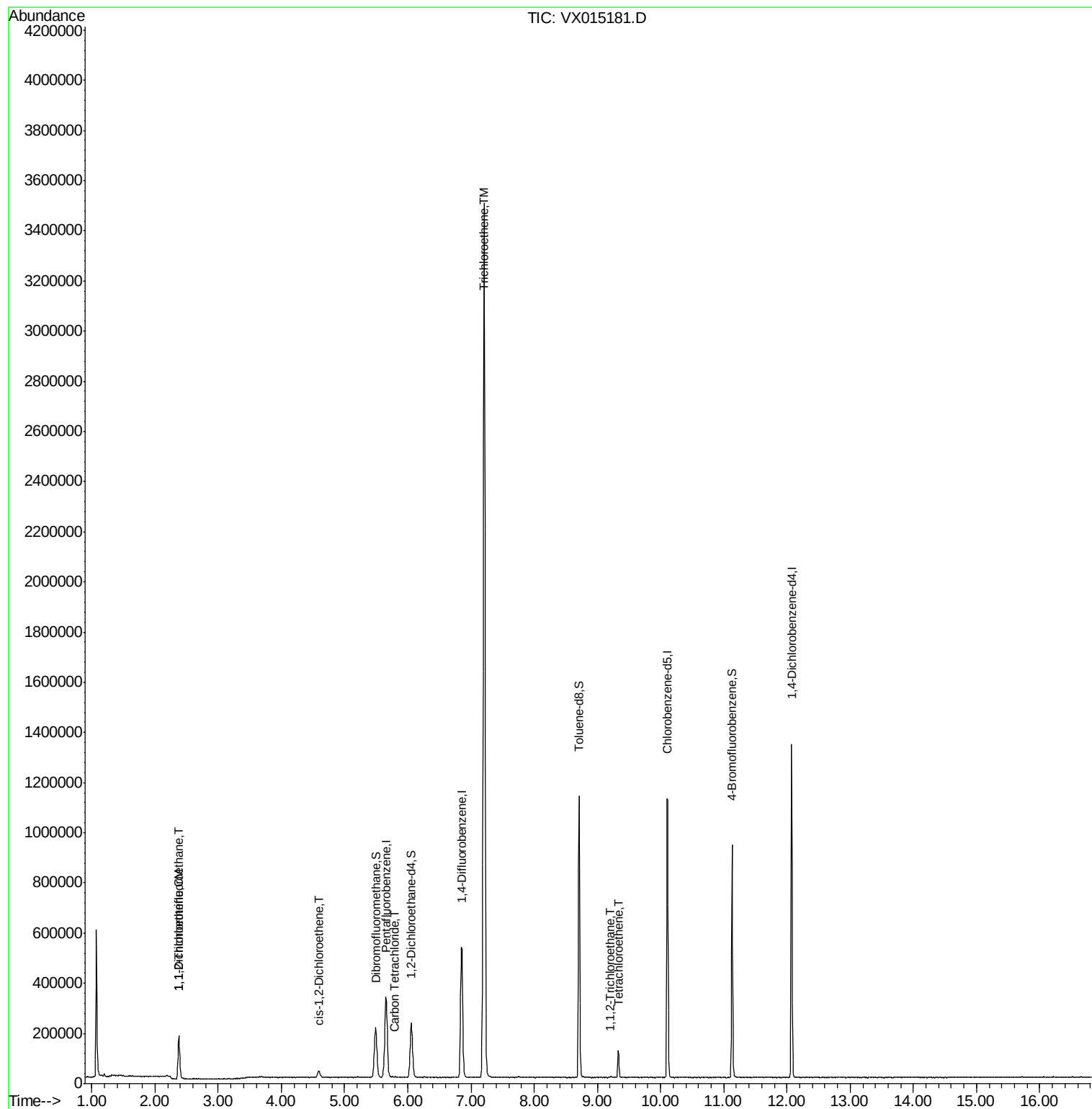
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	322508	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	536857	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	524175	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	267912	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	206272	53.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.82%	
35) Dibromofluoromethane	5.49	113	171572	50.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.32%	
50) Toluene-d8	8.71	98	658531	51.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.24%	
62) 4-Bromofluorobenzene	11.14	95	243484	52.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.98%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.38	101	58038	19.112	ug/l	99
12) 1,1-Dichloroethene	2.37	96	16889	5.389	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	17314	4.612	ug/l	94
38) Carbon Tetrachloride	5.79	117	2869	0.612	ug/l #	73
44) Trichloroethene	7.21	130	1346540	328.368	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	1951	0.526	ug/l	92
64) Tetrachloroethene	9.33	164	21498	4.960	ug/l	96

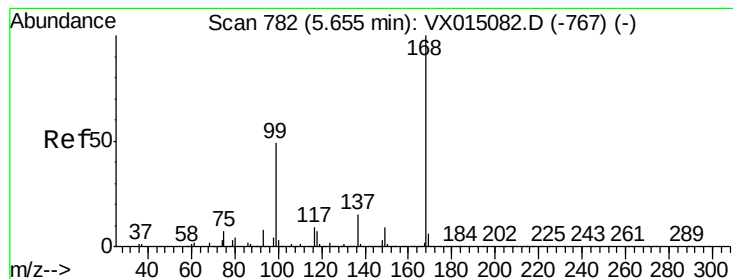
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Mar 04 14:19:10 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.00 min

Lab File: VX015181.D

Acq: 10 Mar 2020 19:05

Instrument :

MSVOA_X

ClientSampleId :

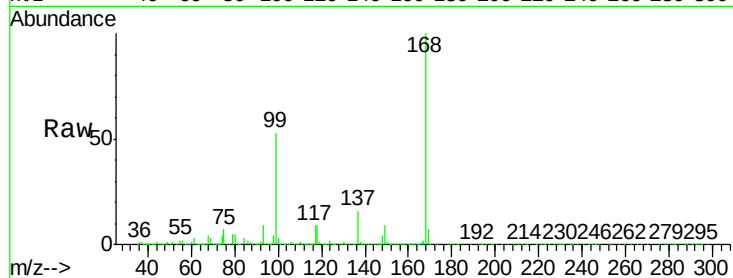
RE125D2-20200306

Tot Ion:168 Resp: 322508

Ion Ratio Lower Upper

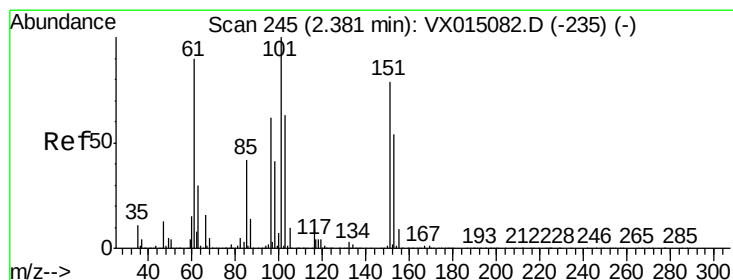
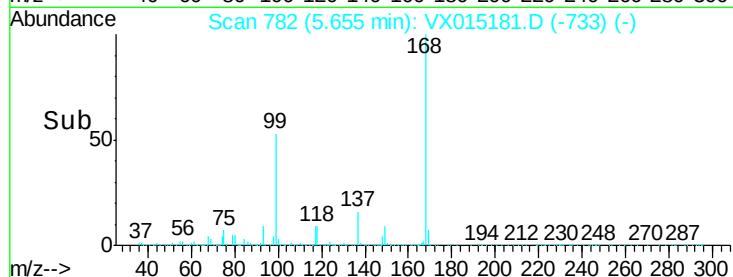
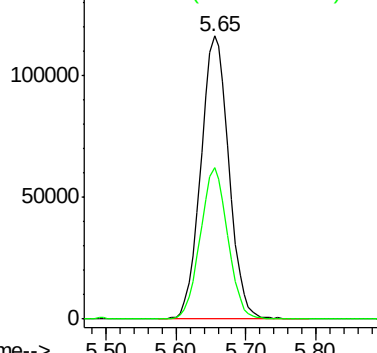
168 100

99 53.4 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.112 ug/l

RT: 2.38 min Scan# 245

Delta R.T. -0.00 min

Lab File: VX015181.D

Acq: 10 Mar 2020 19:05

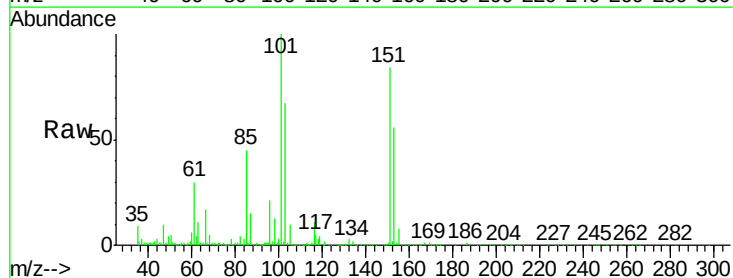
Tgt Ion:101 Resp: 58038

Ion Ratio Lower Upper

101 100

85 43.3 33.7 50.5

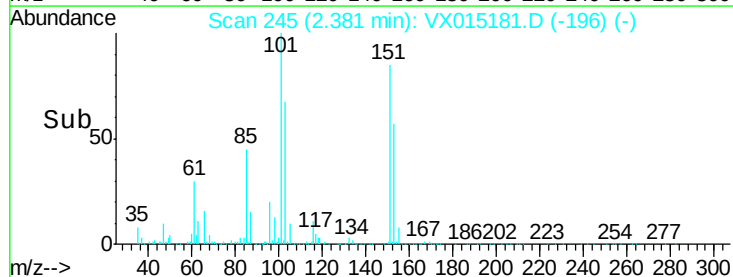
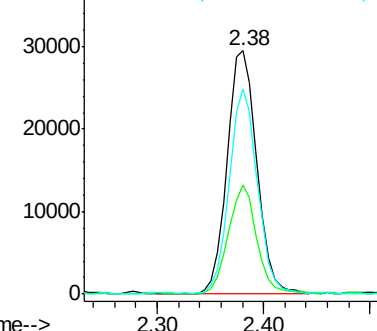
151 79.1 64.0 96.0

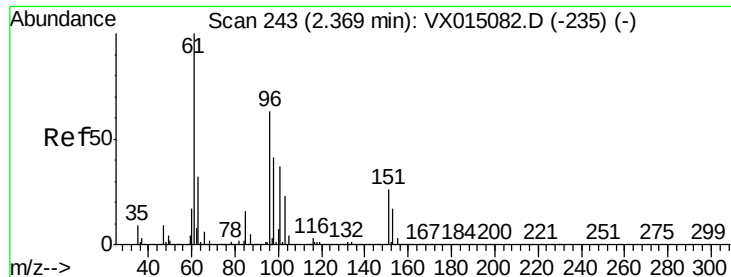


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V





#12

1,1-Dichloroethene

Concen: 5.389 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX015181.D

Acq: 10 Mar 2020 19:05

Instrument :

MSVOA_X

ClientSampleId :

RE125D2-20200306

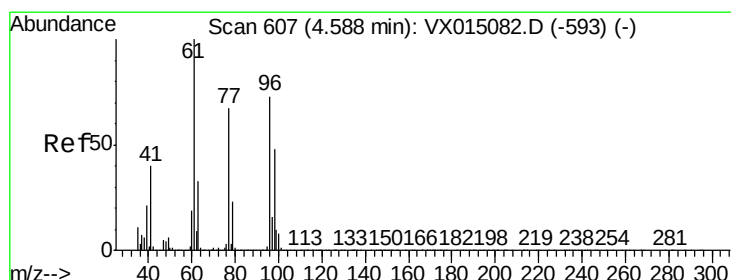
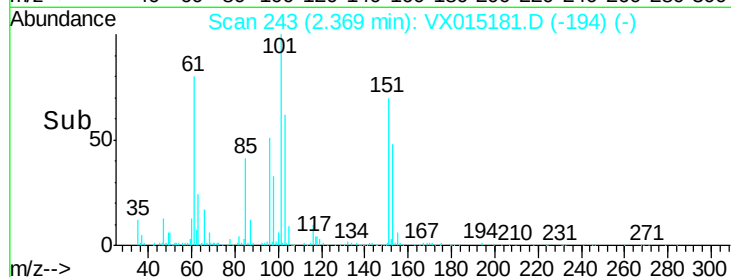
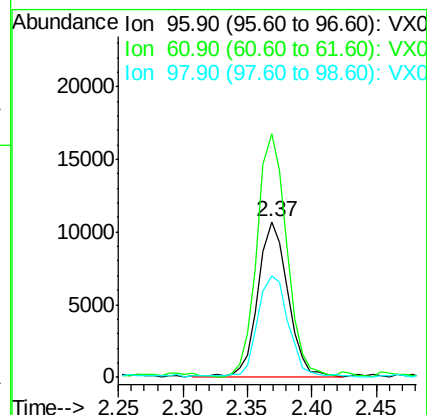
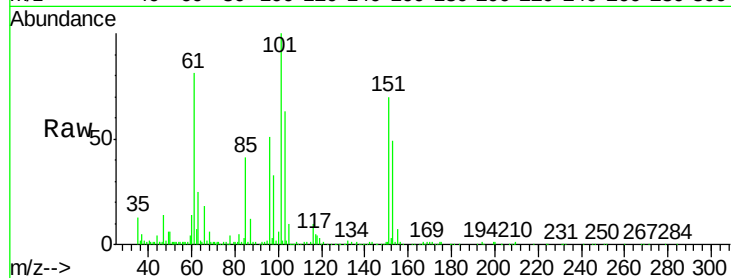
Tot Ion: 96 Resp: 16889

Ion Ratio Lower Upper

96 100

61 155.1 126.2 189.4

98 64.5 51.4 77.0



#27

cis-1,2-Dichloroethene

Concen: 4.612 ug/l

RT: 4.59 min Scan# 608

Delta R.T. 0.01 min

Lab File: VX015181.D

Acq: 10 Mar 2020 19:05

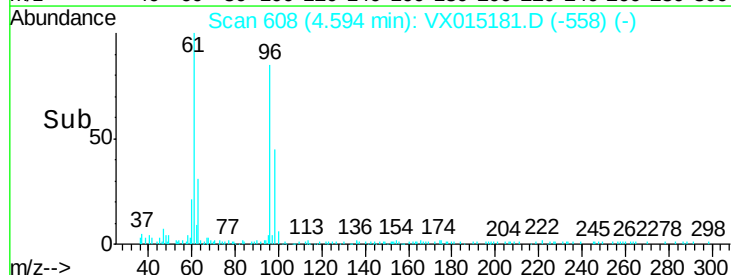
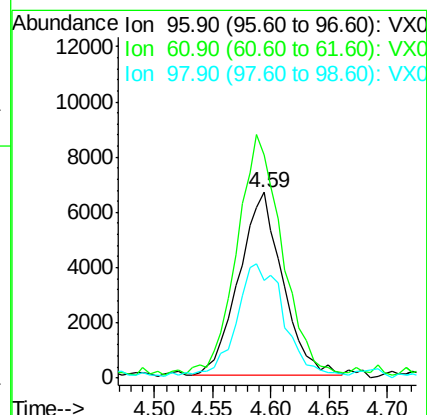
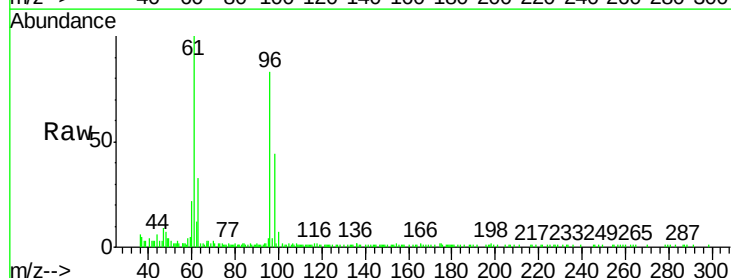
Tgt Ion: 96 Resp: 17314

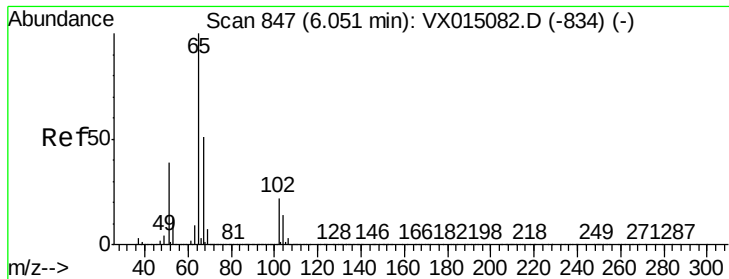
Ion Ratio Lower Upper

96 100

61 136.1 0.0 286.8

98 67.9 0.0 128.4





#33

1,2-Dichloroethane-d4

Concen: 53.911 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX015181.D

Acq: 10 Mar 2020 19:05

Instrument :

MSVOA_X

ClientSampleId :

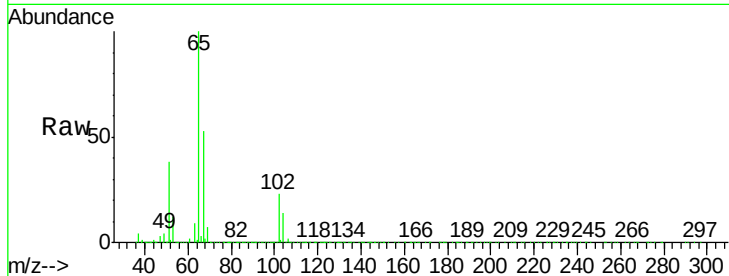
RE125D2-20200306

Tot Ion: 65 Resp: 206272

Ion Ratio Lower Upper

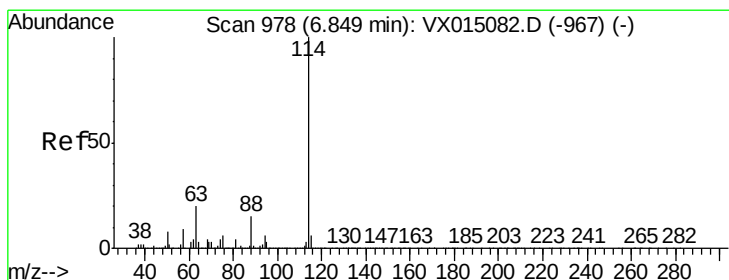
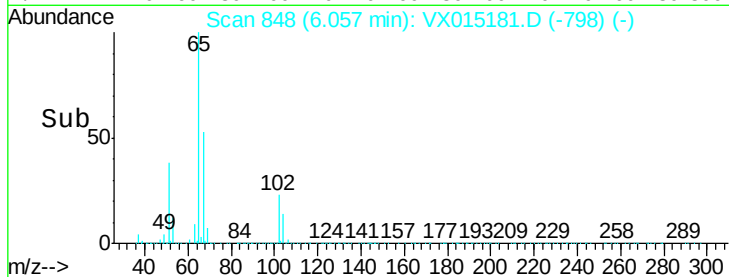
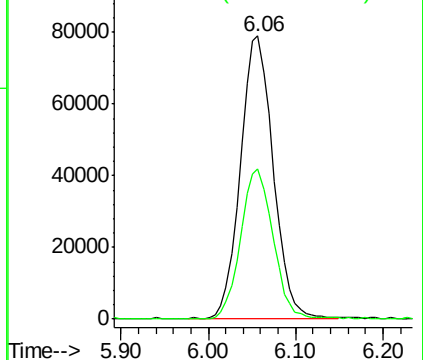
65 100

67 52.1 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX015181.D

Acq: 10 Mar 2020 19:05

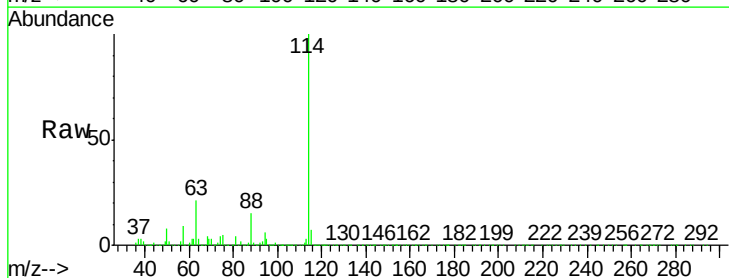
Tgt Ion: 114 Resp: 536857

Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.0

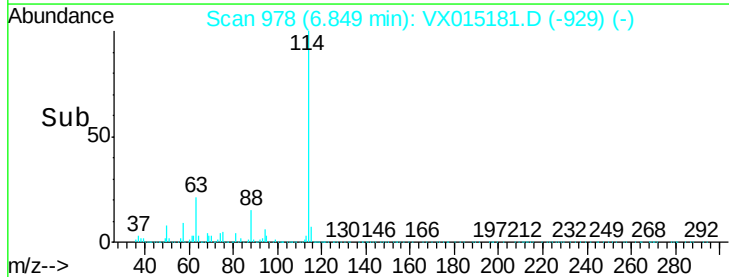
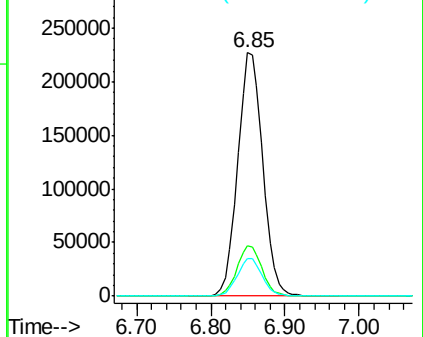
88 15.2 0.0 30.6

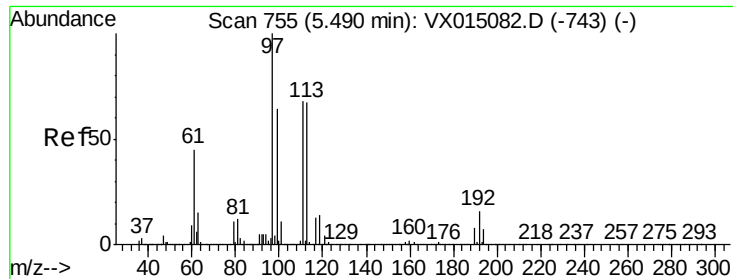


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

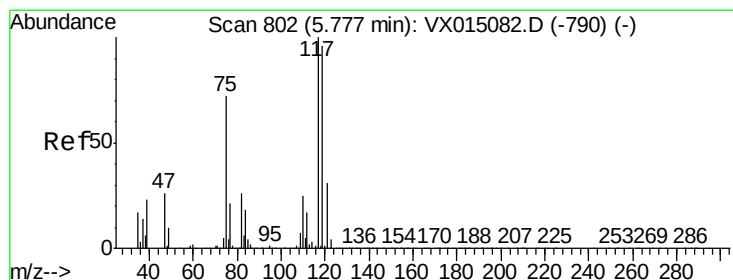
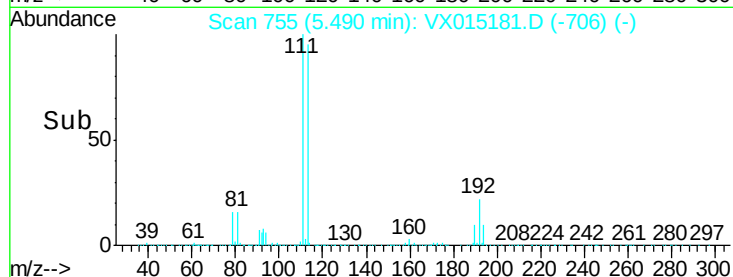
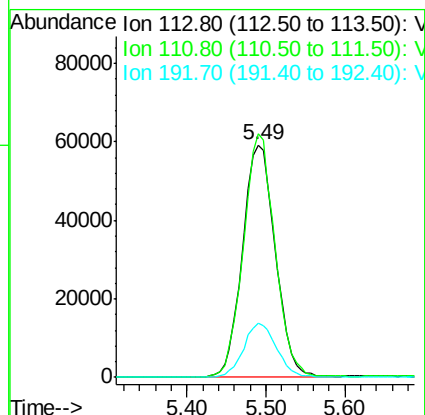
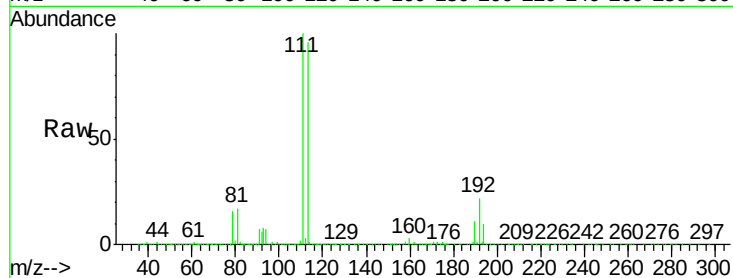




#35
Dibromofluoromethane
Concen: 50.658 ug/l
RT: 5.49 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX015181.D
Acq: 10 Mar 2020 19:05

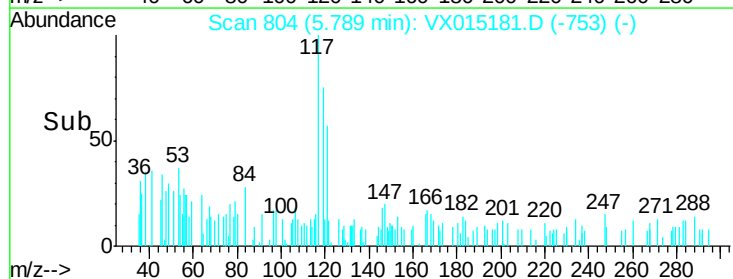
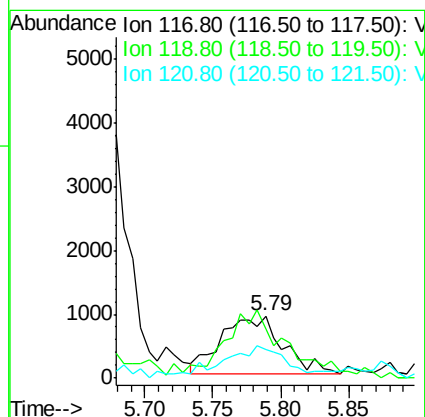
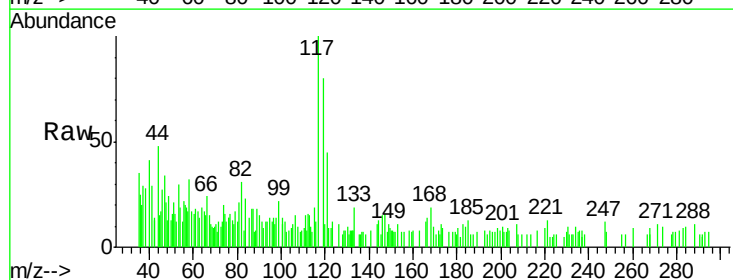
Instrument :
MSVOA_X
ClientSampleId :
RE125D2-20200306

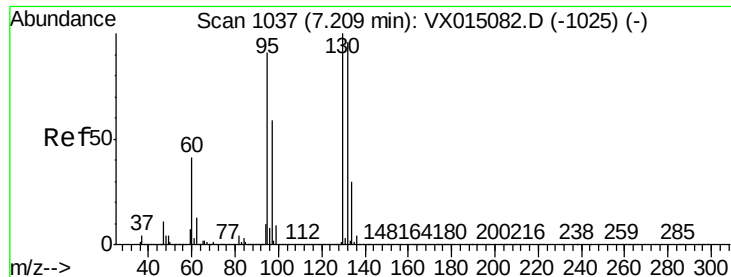
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.6	123.8
192	23.6	18.6	28.0



#38
Carbon Tetrachloride
Concen: 0.612 ug/l
RT: 5.79 min Scan# 804
Delta R.T. 0.01 min
Lab File: VX015181.D
Acq: 10 Mar 2020 19:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	72.7	76.9	115.3#
121	50.5	24.6	37.0#





#44

Trichloroethene

Concen: 328.368 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. -0.00 min

Lab File: VX015181.D

Acq: 10 Mar 2020 19:05

Instrument :

MSVOA_X

ClientSampleId :

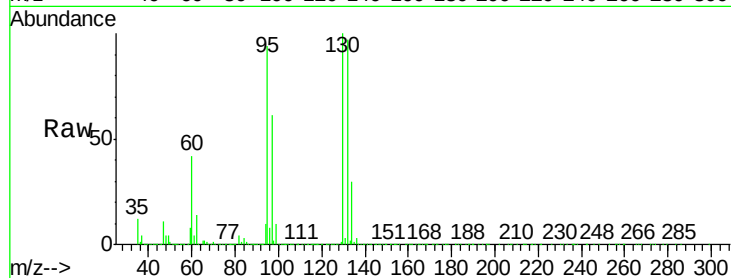
RE125D2-20200306

Tot Ion:130 Resp: 1346540

Ion Ratio Lower Upper

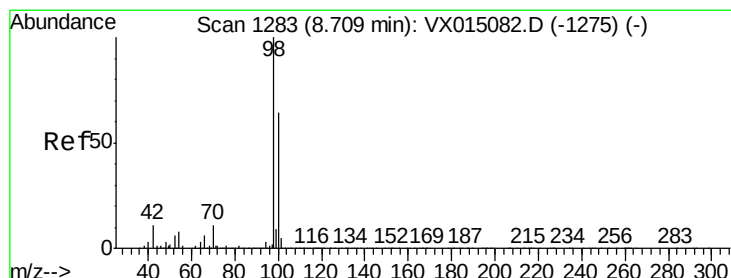
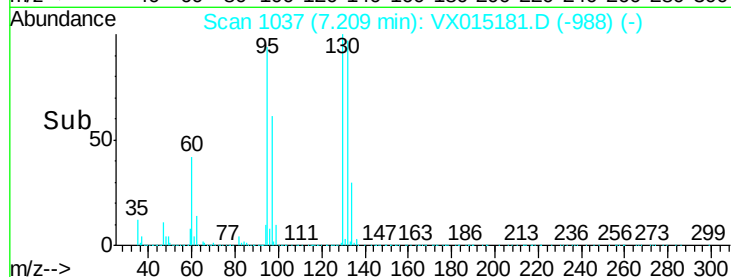
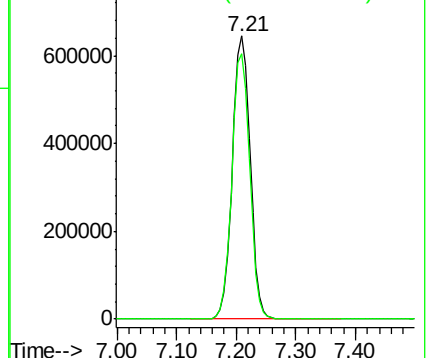
130 100

95 93.7 0.0 181.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 51.116 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX015181.D

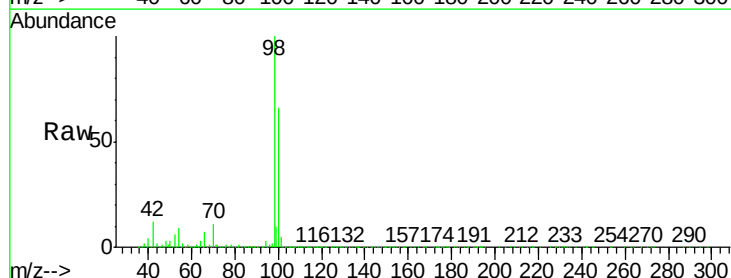
Acq: 10 Mar 2020 19:05

Tgt Ion: 98 Resp: 658531

Ion Ratio Lower Upper

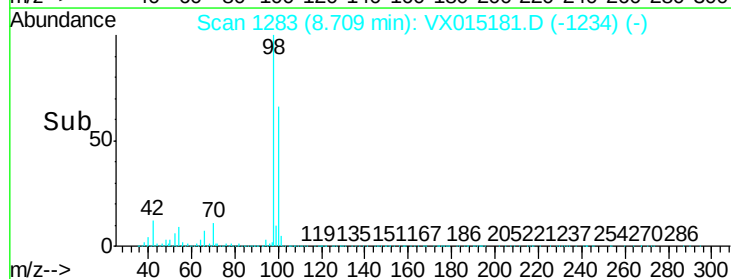
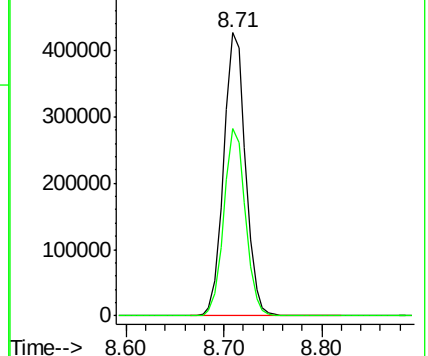
98 100

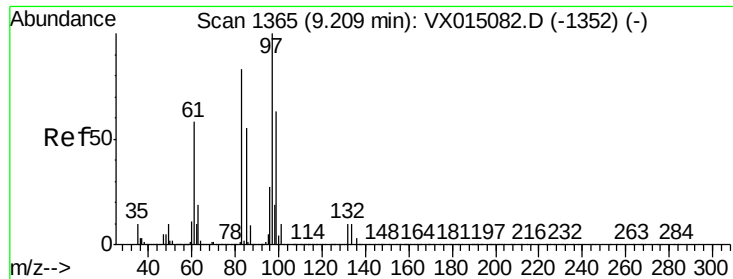
100 65.6 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

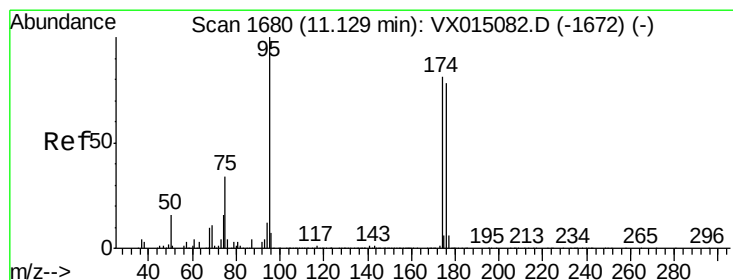
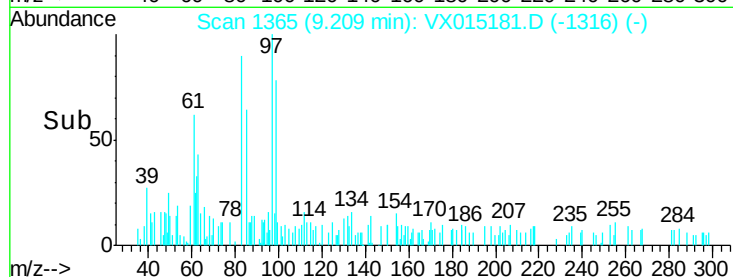
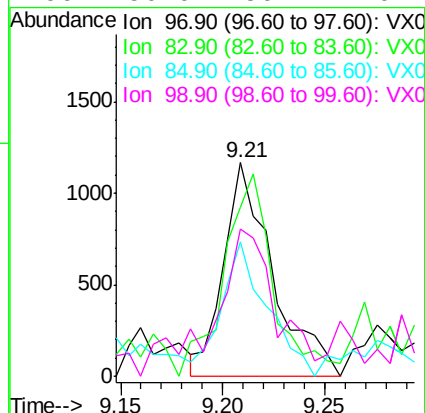
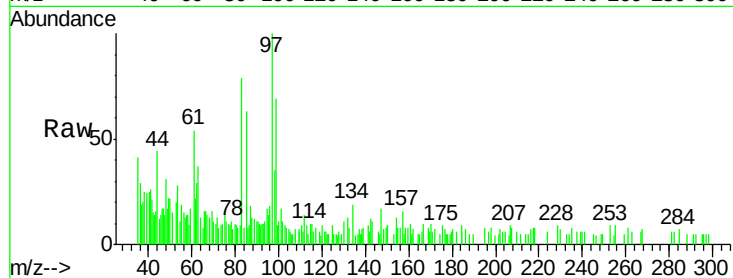




#55
 1,1,2-Trichloroethane
 Concen: 0.526 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX015181.D
 Acq: 10 Mar 2020 19:05

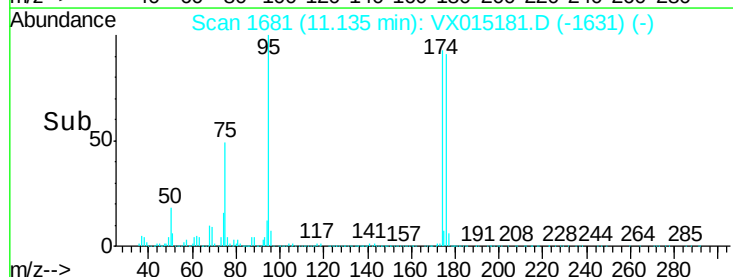
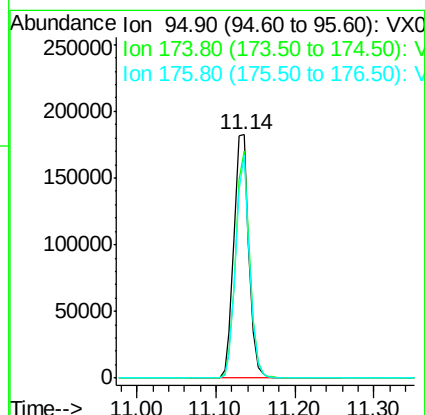
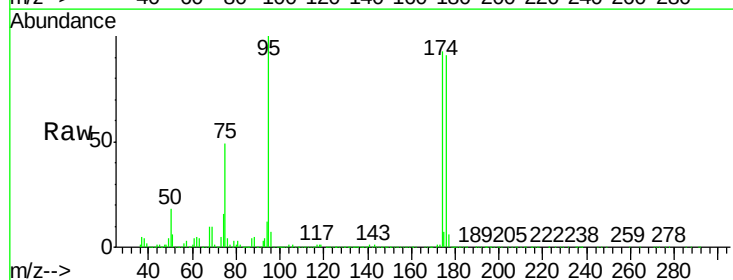
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 RE125D2-20200306

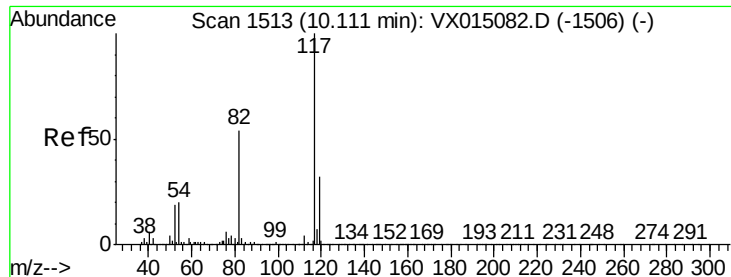
Tot Ion:	97	Resp:	1951
Ion	Ratio	Lower	Upper
97	100		
83	72.6	66.4	99.6
85	56.0	43.5	65.3
99	56.0	50.7	76.1



#62
 4-Bromofluorobenzene
 Concen: 52.986 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. 0.01 min
 Lab File: VX015181.D
 Acq: 10 Mar 2020 19:05

Tgt Ion:	95	Resp:	243484
Ion	Ratio	Lower	Upper
95	100		
174	88.1	0.0	177.6
176	84.1	0.0	170.2

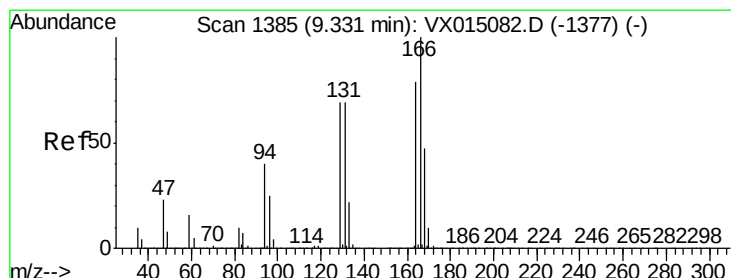
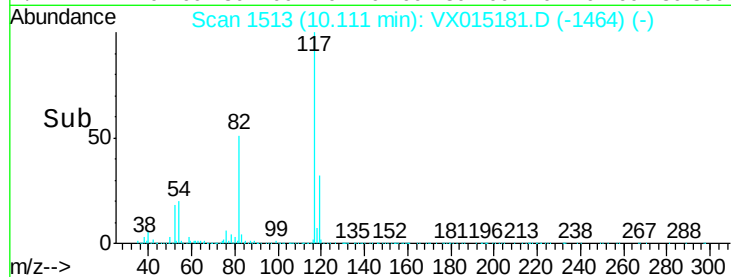
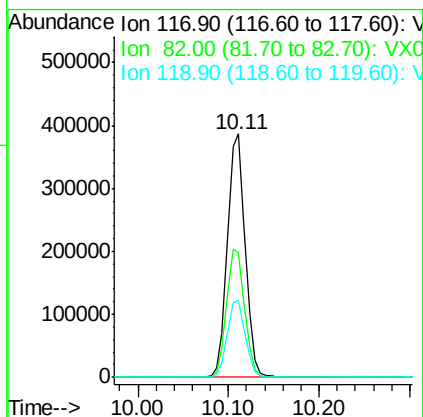
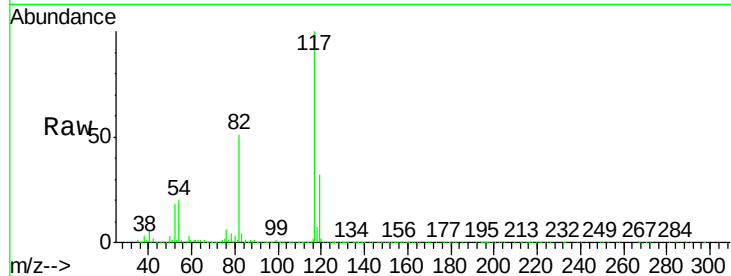




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX015181.D
Acq: 10 Mar 2020 19:05

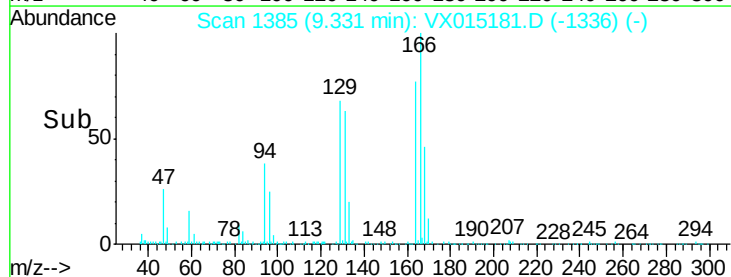
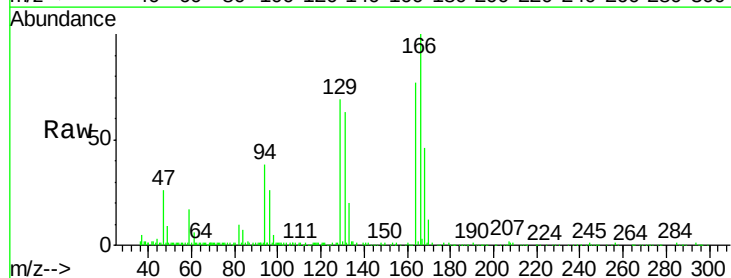
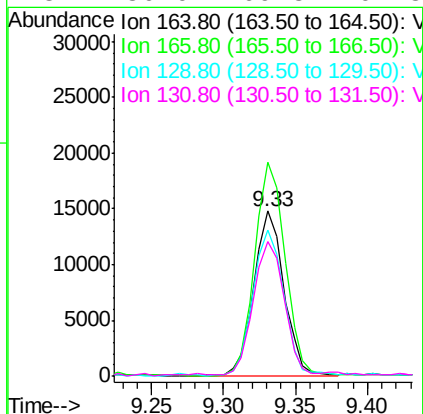
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MSVOA_X
ClientSampleId :
RE125D2-20200306

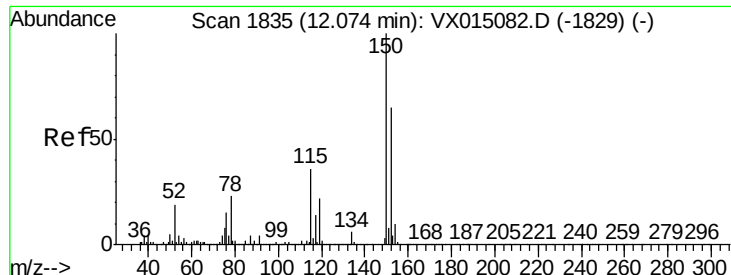
Tot Ion	Ratio	Lower	Upper
117	100		
82	51.2	43.3	64.9
119	31.9	25.8	38.8



#64
Tetrachloroethene
Concen: 4.960 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX015181.D
Acq: 10 Mar 2020 19:05

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.4	101.1	151.7
129	88.1	69.4	104.0
131	80.0	69.8	104.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX015181.D

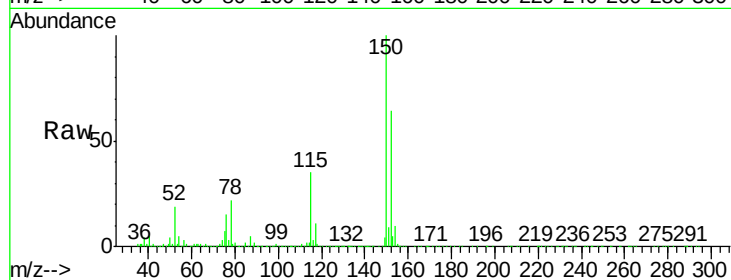
Acq: 10 Mar 2020 19:05

Instrument :

MSVOA_X

ClientSampleId :

RE125D2-20200306



Tot Ion:152 Resp: 267912

Ion Ratio Lower Upper

152 100

115 56.0 38.2 114.6

150 156.0 0.0 343.8

