Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051820\
Data File : VX016317.D
Acq On : 18 May 2020 22:36
Operator : JC/SP
Sample : L2672-14 20X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : Z2-DUP-0559-200514

Manual Integrations APPROVED
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Quant Time: May 19 14:35:13 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
Quant Title : SW846 8260
QLast Update : Wed May 06 06:43:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	259486	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	425747	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	421782	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	216033	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	151825	44.46	ug/l	0.00
Spiked Amount 50.000			Recovery = 88.92%			
35) Dibromofluoromethane	5.47	113	123499	45.79	ug/l	0.00
Spiked Amount 50.000			Recovery = 91.58%			
50) Toluene-d8	8.70	98	522377	50.26	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.52%			
62) 4-Bromofluorobenzene	11.12	95	211698	53.55	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.10%			
Target Compounds						Qvalue
4) Vinyl Chloride	1.39	62	2087	0.613	ug/l	93
27) cis-1,2-Dichloroethene	4.57	96	6879	2.093	ug/l	87
44) Trichloroethene	7.19	130	1055	0.242	ug/l	70
64) Tetrachloroethene	9.32	164	1068	0.206	ug/l	89
65) Chlorobenzene	10.12	112	12326	1.396	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	1660m	0.225	ug/l	
91) 1,2-Dichlorobenzene	12.38	146	2292	0.327	ug/l	98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX051820\
Data File : VX016317.D
Acq On : 18 May 2020 22:36
Operator : JC/SP
Sample : L2672-14 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

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Instrument :
MSVOA_X
ClientSampleId :
Z2-DUP-0559-200514

Manual Integrations APPROVED
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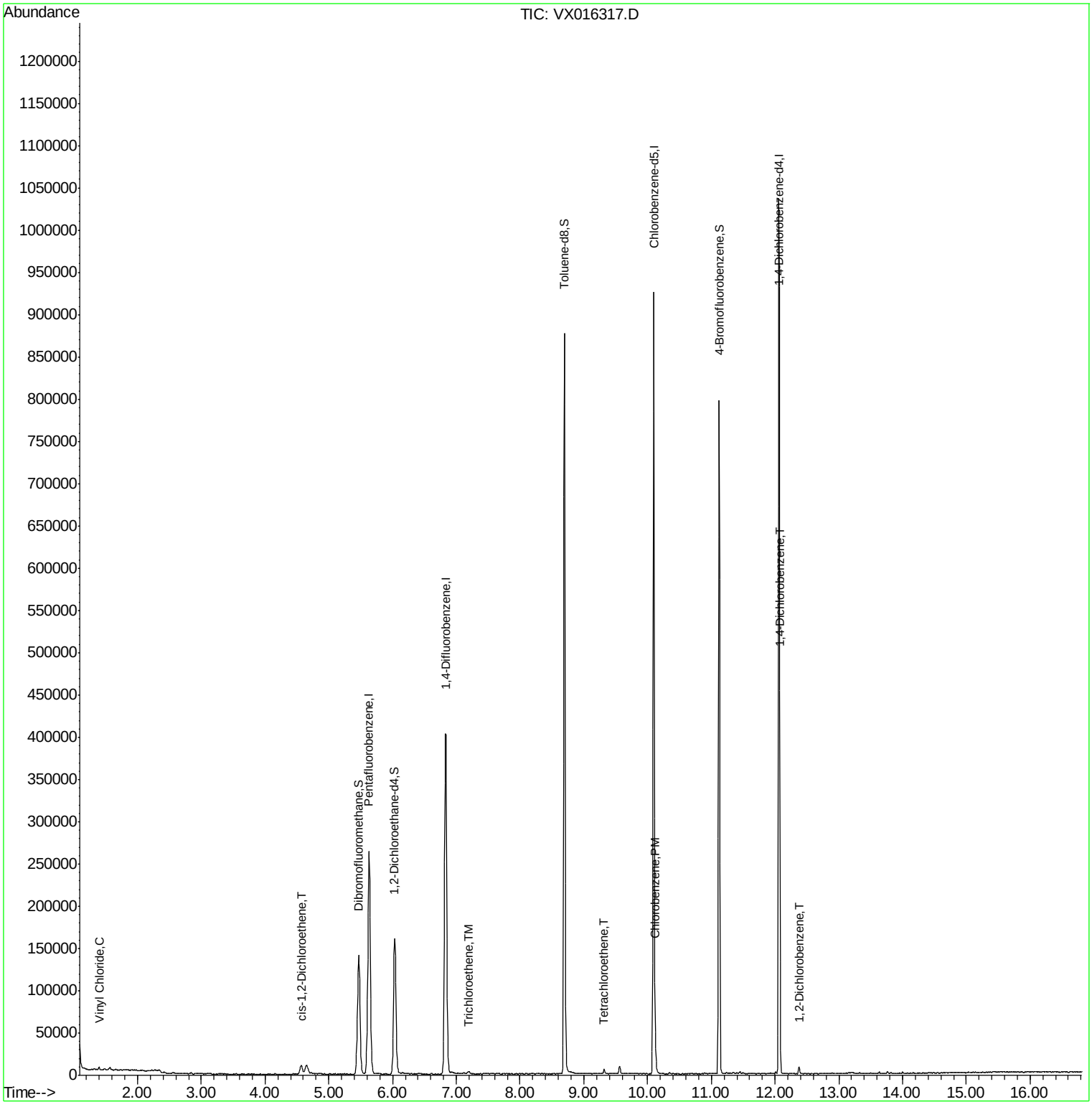
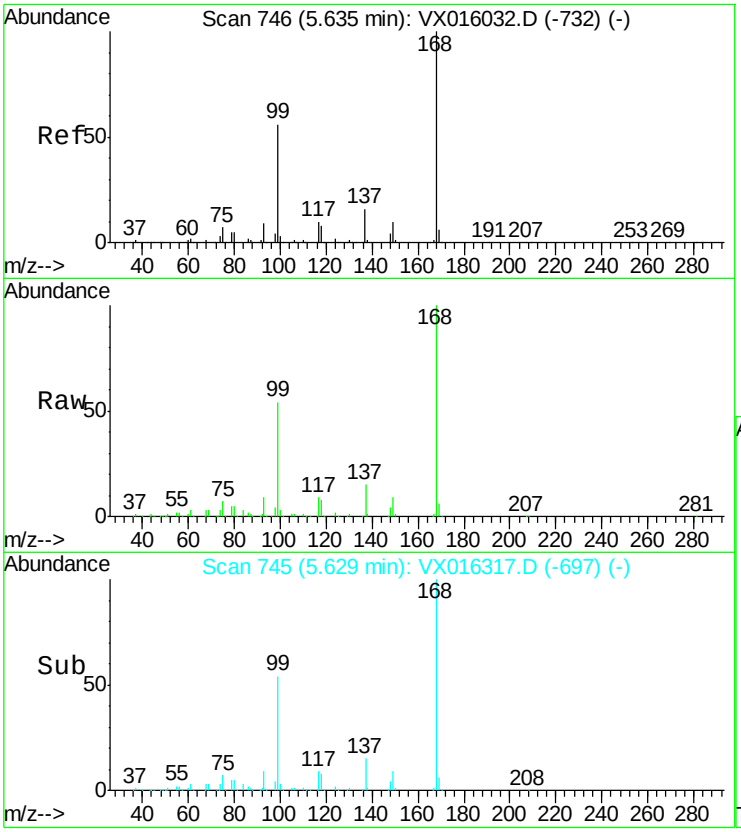
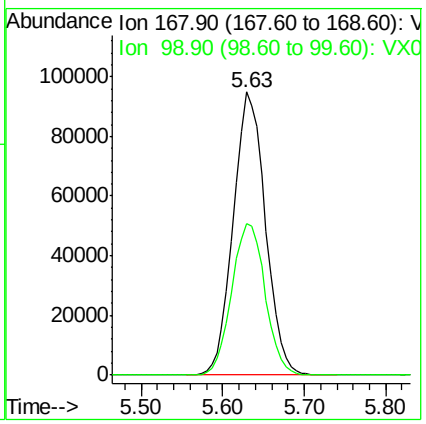




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.01 min
Lab File: VX016317.D
Acq: 18 May 2020 22:36

Tgt Ion:168 Resp: 259486

Ion	Ratio	Lower	Upper
168	100		
99	53.8	45.0	67.4



Instrument :
MSVOA_X
ClientSampleId :
Z2-DUP-0559-200514

Manual Integrations APPROVED
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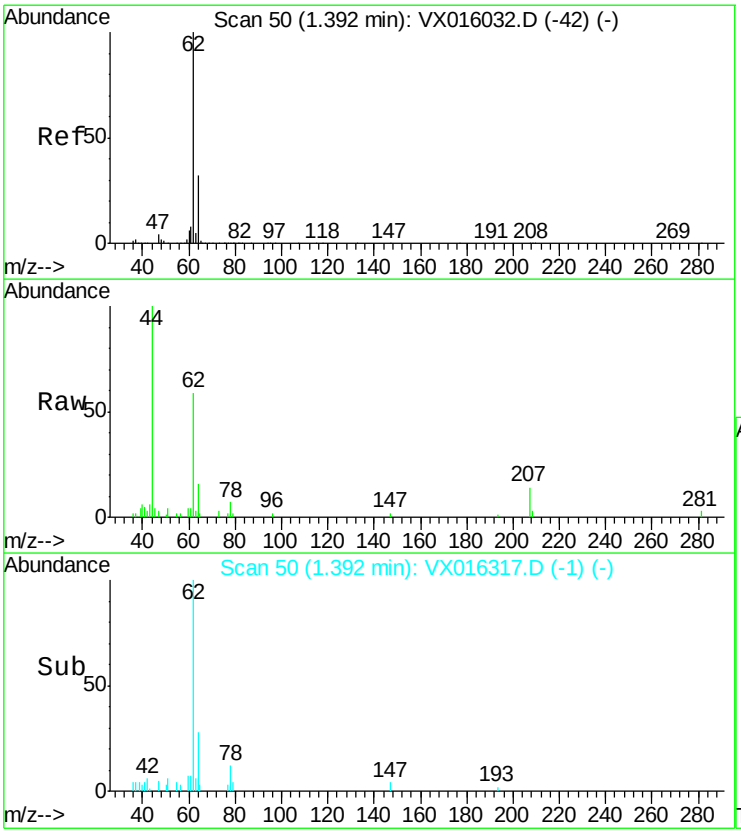
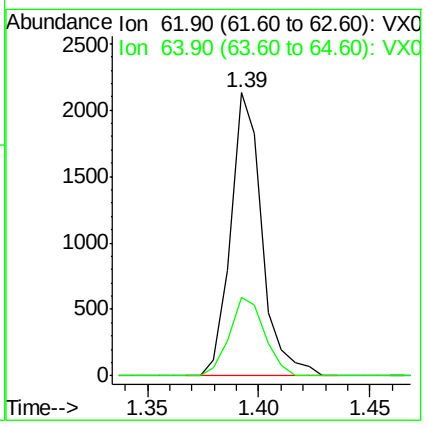
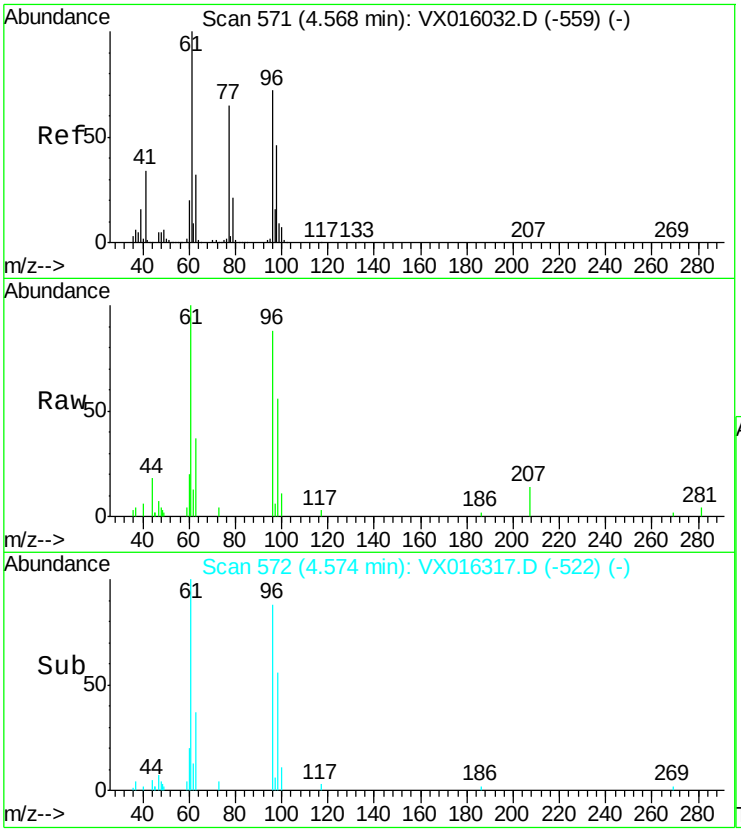


#4
Vinyl Chloride
Concen: 0.613 ug/l
RT: 1.39 min Scan# 50
Delta R.T. -0.00 min
Lab File: VX016317.D
Acq: 18 May 2020 22:36

Tgt Ion: 62 Resp: 2087

Ion	Ratio	Lower	Upper
62	100		
64	27.9	25.7	38.5

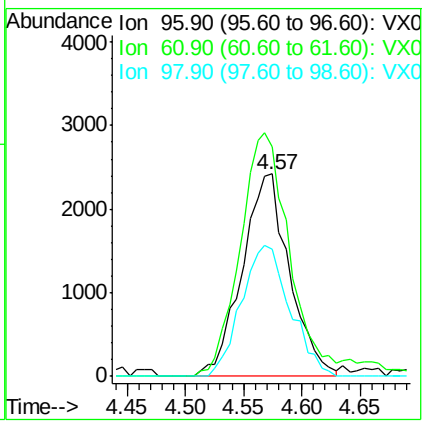




#27
cis-1,2-Dichloroethene
Concen: 2.093 ug/l
RT: 4.57 min Scan# 572
Delta R.T. 0.01 min
Lab File: VX016317.D
Acq: 18 May 2020 22:36

Tgt Ion: 96 Resp: 6879

Ion	Ratio	Lower	Upper
96	100		
61	125.1	0.0	296.2
98	66.2	0.0	129.4



Instrument :
MSVOA_X
ClientSampleId :
Z2-DUP-0559-200514

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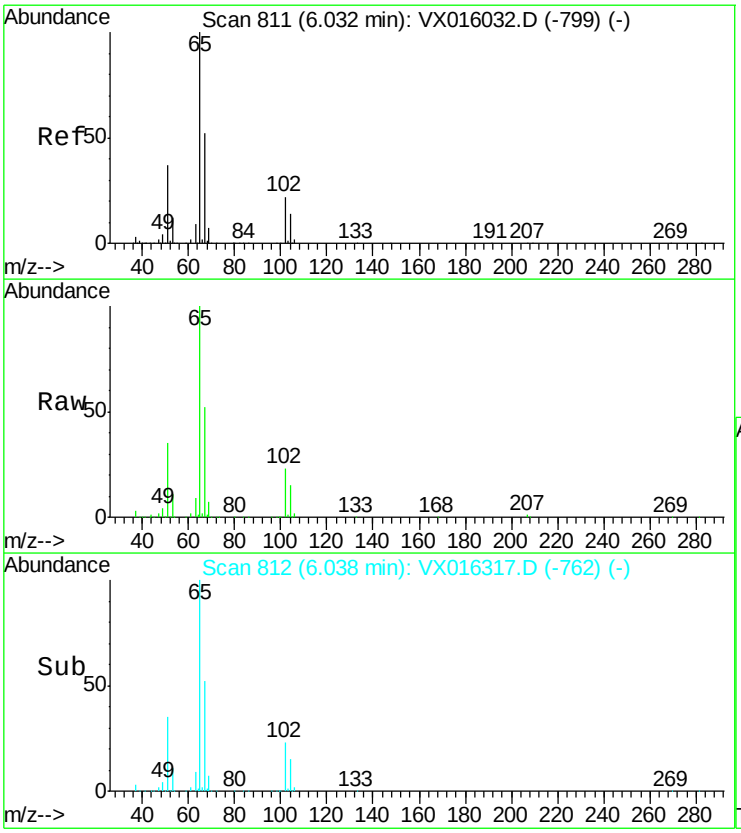
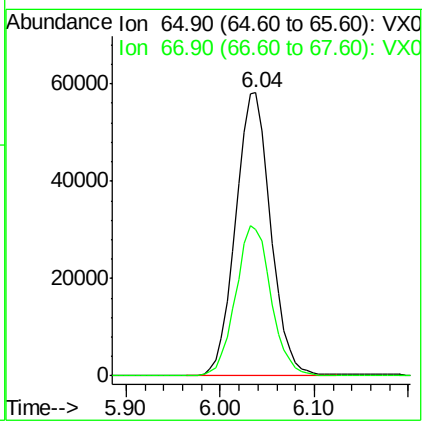
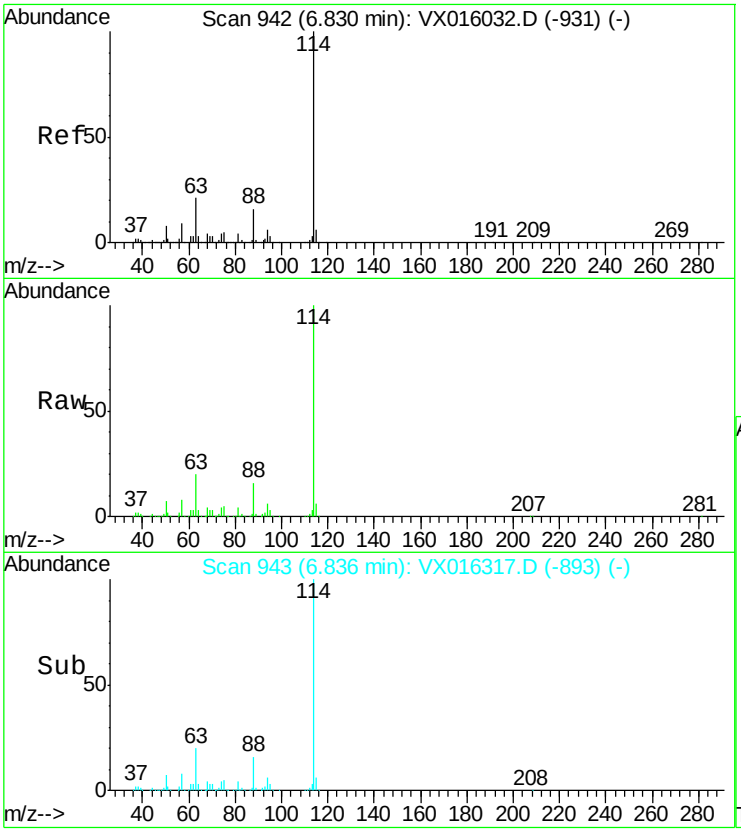


#33
1,2-Dichloroethane-d4
Concen: 44.464 ug/l
RT: 6.04 min Scan# 812
Delta R.T. 0.01 min
Lab File: VX016317.D
Acq: 18 May 2020 22:36

Tgt Ion: 65 Resp: 151825

Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	104.8

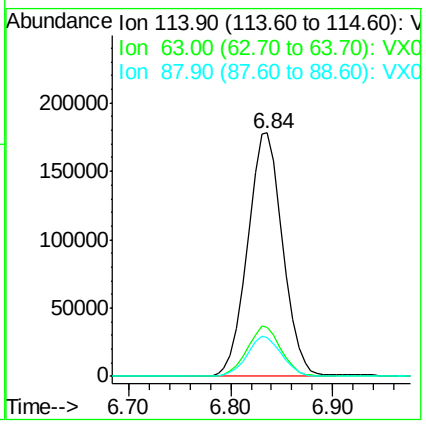




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.84 min Scan# 943
Delta R.T. 0.01 min
Lab File: VX016317.D
Acq: 18 May 2020 22:36

Tgt Ion:114 Resp: 425747

Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	42.8
88	16.1	0.0	31.4



Instrument :
MSVOA_X
ClientSampleId :
Z2-DUP-0559-200514

Manual Integrations APPROVED
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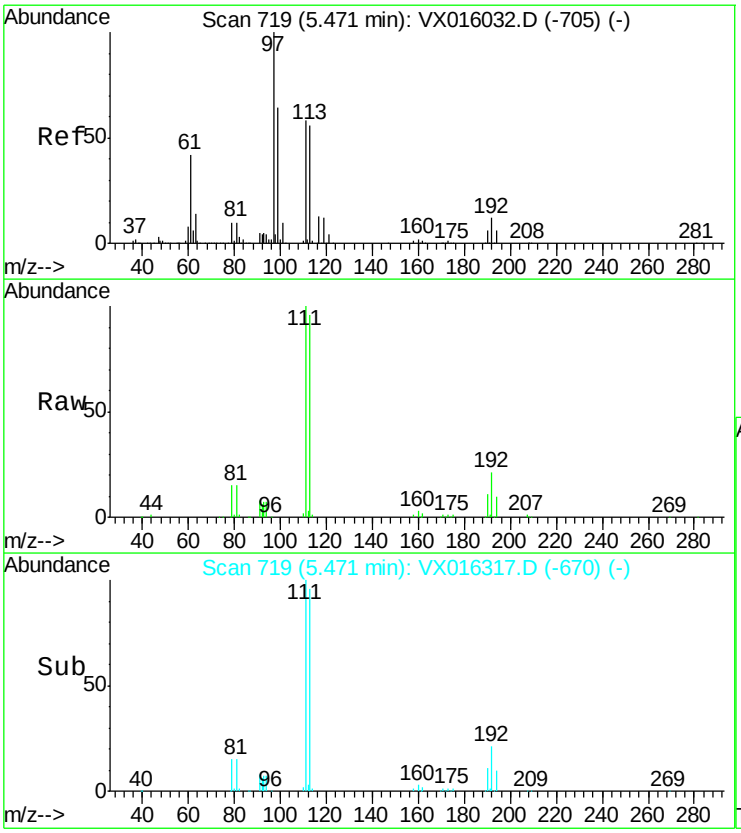
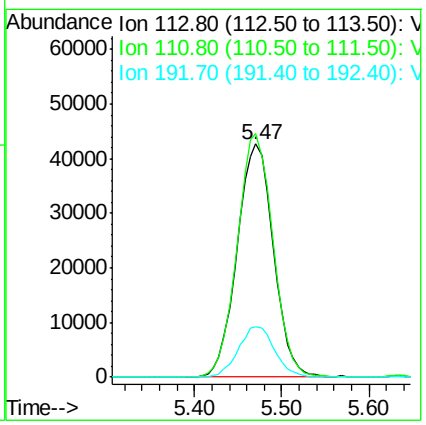
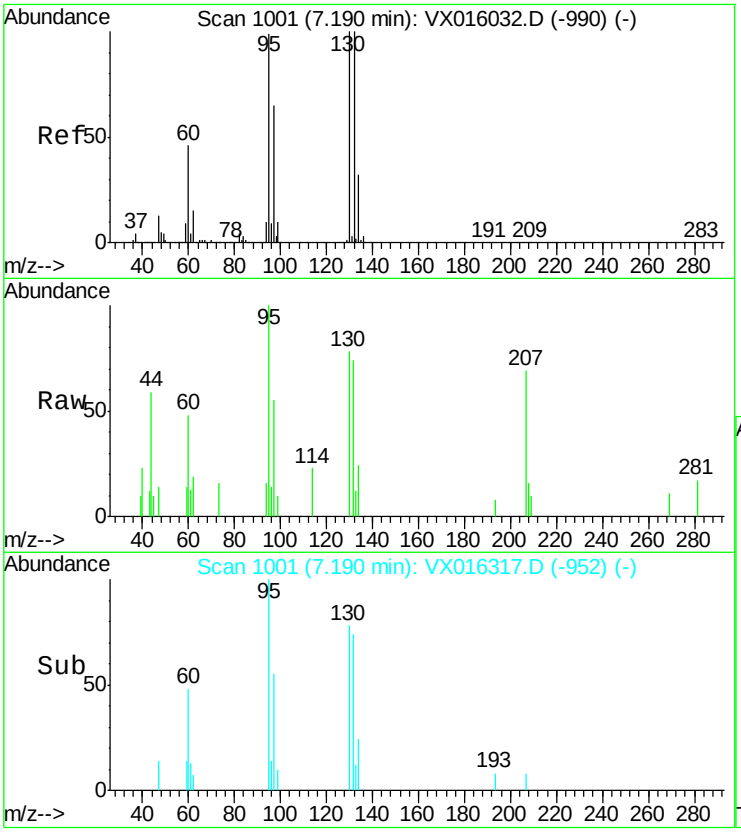


#35
Dibromofluoromethane
Concen: 45.786 ug/l
RT: 5.47 min Scan# 719
Delta R.T. -0.00 min
Lab File: VX016317.D
Acq: 18 May 2020 22:36

Tgt Ion:113 Resp: 123499

Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.6	122.4
192	21.5	17.0	25.4

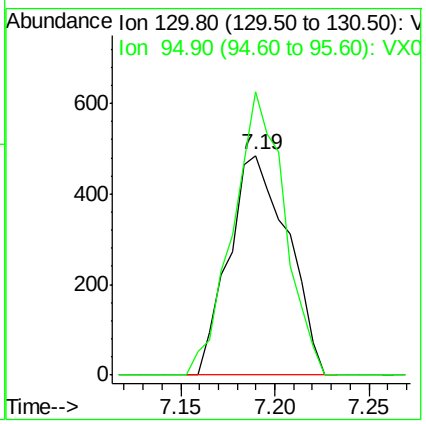




#44
Trichloroethene
Concen: 0.242 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VX016317.D
Acq: 18 May 2020 22:36

Tgt Ion:130 Resp: 1055

Ion	Ratio	Lower	Upper
130	100		
95	128.9	0.0	197.4



Instrument :
MSVOA_X
ClientSampleId :
Z2-DUP-0559-200514

Manual Integrations APPROVED
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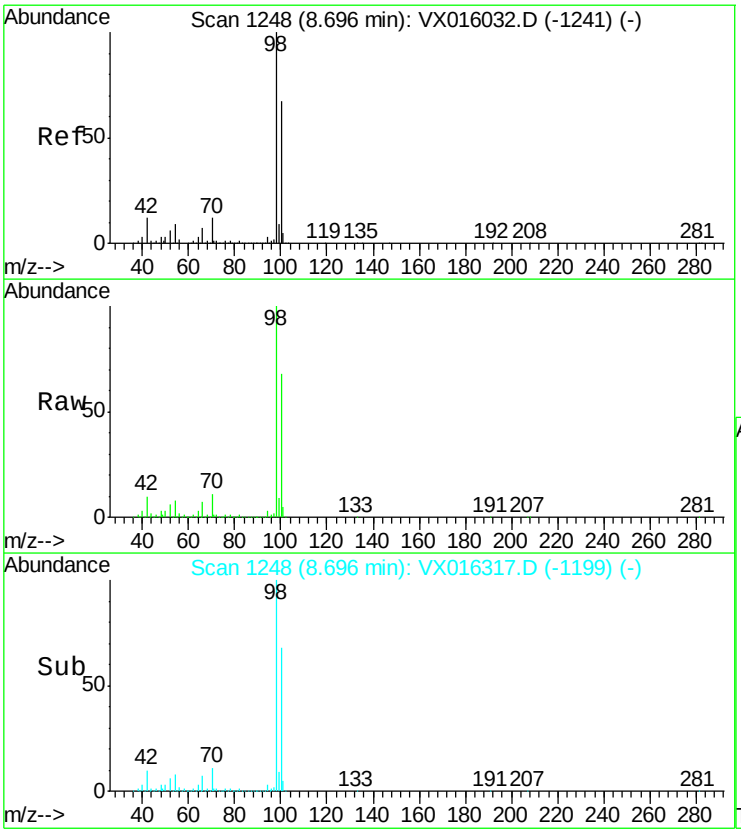
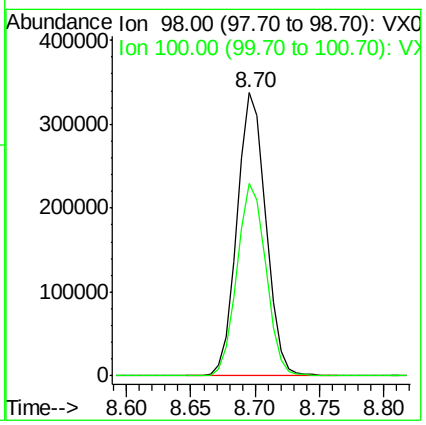
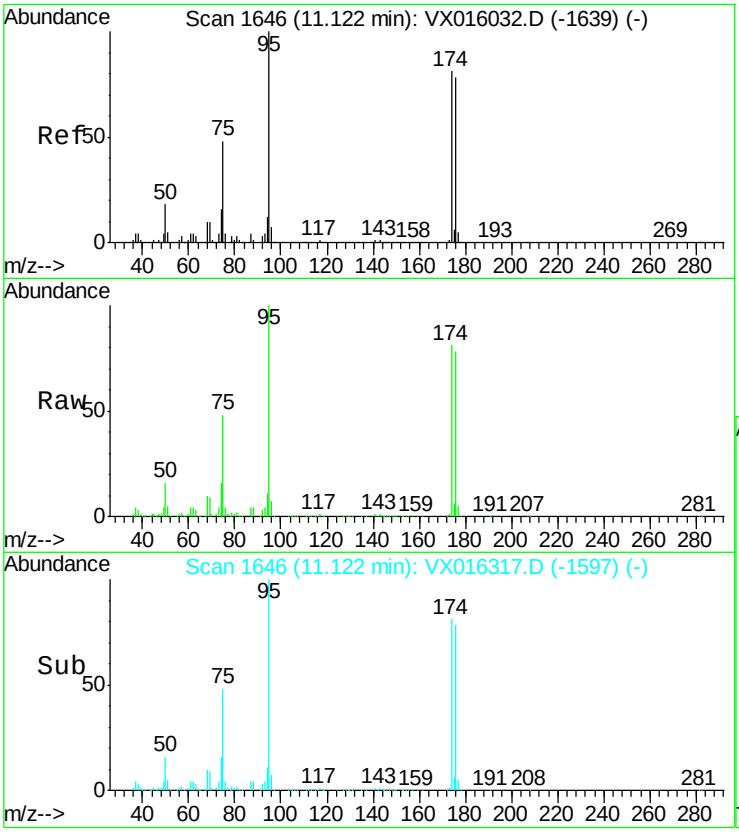


#50
Toluene-d8
Concen: 50.263 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016317.D
Acq: 18 May 2020 22:36

Tgt Ion: 98 Resp: 522377

Ion	Ratio	Lower	Upper
98	100		
100	67.9	53.7	80.5

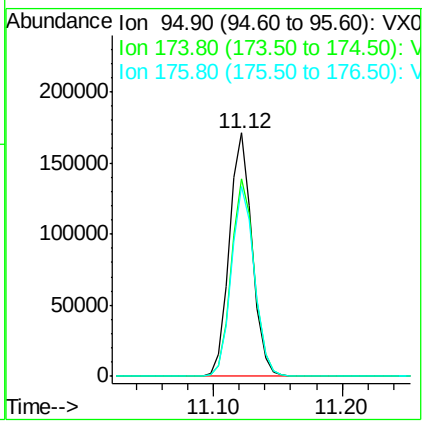




#62
4-Bromofluorobenzene
Concen: 53.555 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX016317.D
Acq: 18 May 2020 22:36

Tgt Ion: 95 Resp: 211698

Ion	Ratio	Lower	Upper
95	100		
174	82.1	0.0	159.4
176	79.1	0.0	157.6



Instrument :
MSVOA_X
ClientSampleId :
Z2-DUP-0559-200514

Manual Integrations APPROVED
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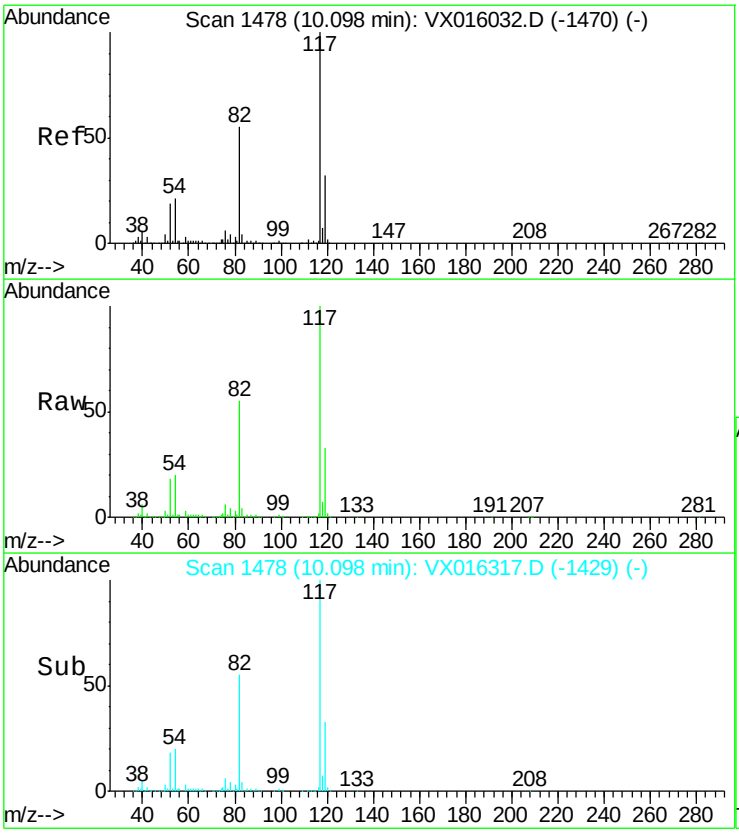
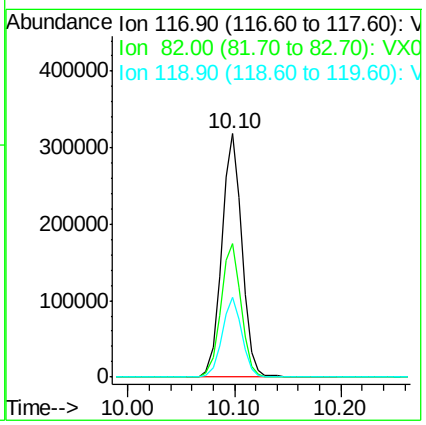
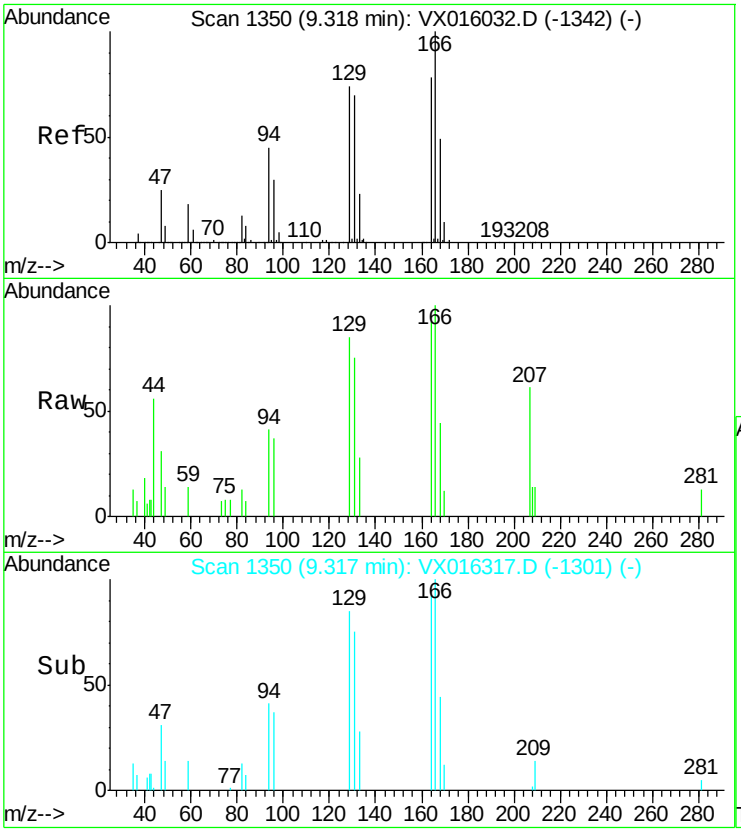


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016317.D
Acq: 18 May 2020 22:36

Tgt Ion:117 Resp: 421782

Ion	Ratio	Lower	Upper
117	100		
82	54.8	44.4	66.6
119	32.6	25.5	38.3

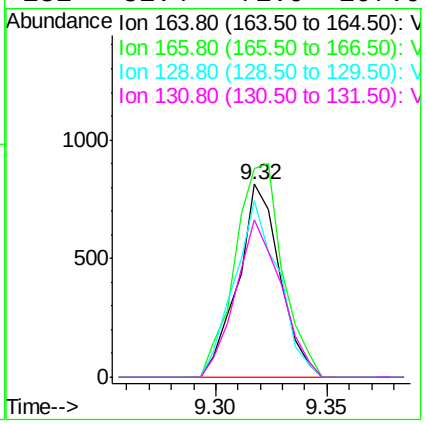




#64
Tetrachloroethene
Concen: 0.206 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016317.D
Acq: 18 May 2020 22:36

Tgt Ion:164 Resp: 1068

Ion	Ratio	Lower	Upper
164	100		
166	108.2	102.9	154.3
129	91.5	76.1	114.1
131	81.4	71.9	107.9



Instrument :
MSVOA_X
ClientSampleId :
Z2-DUP-0559-200514

Manual Integrations APPROVED
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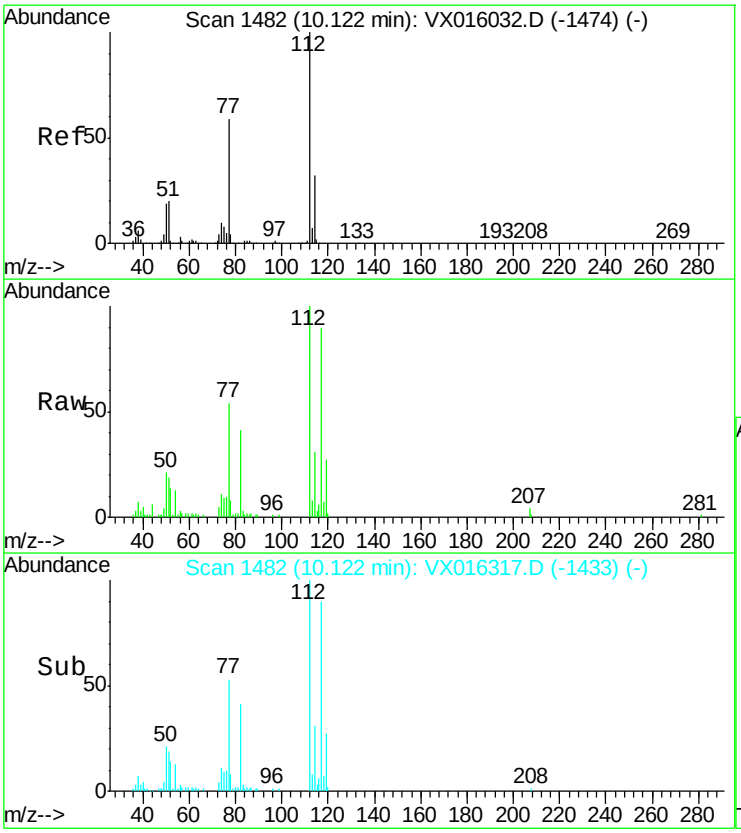
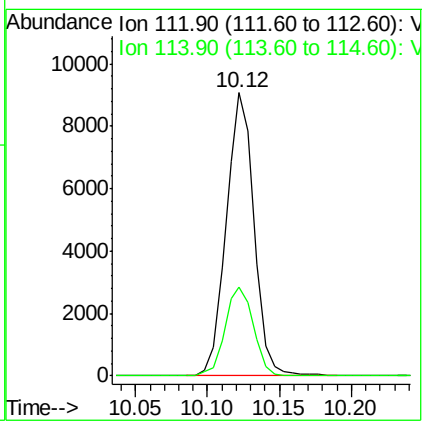
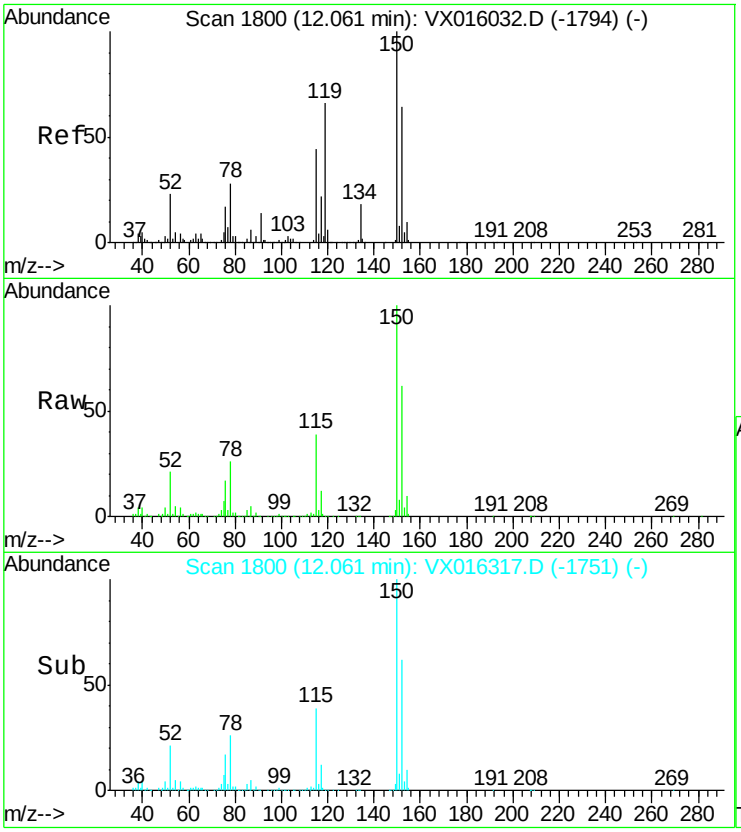


#65
Chlorobenzene
Concen: 1.396 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016317.D
Acq: 18 May 2020 22:36

Tgt Ion:112 Resp: 12326

Ion	Ratio	Lower	Upper
112	100		
114	31.4	25.7	38.5

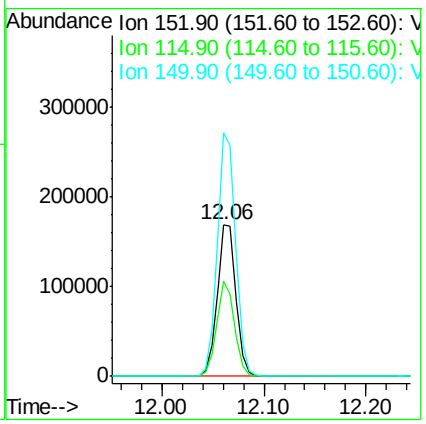




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016317.D
Acq: 18 May 2020 22:36

Tgt Ion:152 Resp: 216033

Ion	Ratio	Lower	Upper
152	100		
115	60.1	41.3	124.1
150	158.3	0.0	352.2



Instrument :
MSVOA_X
ClientSampleId :
Z2-DUP-0559-200514

Manual Integrations APPROVED
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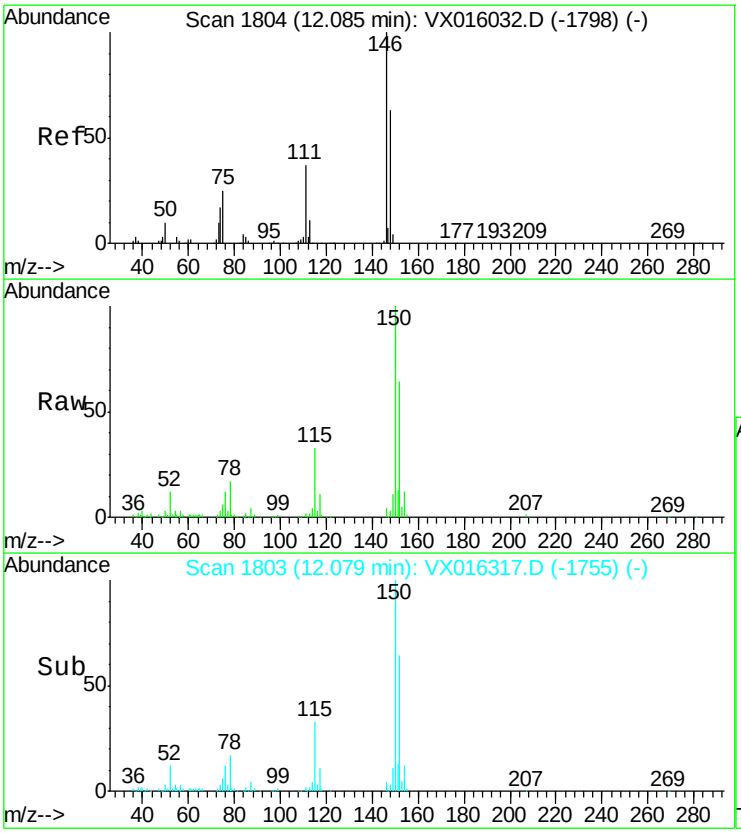
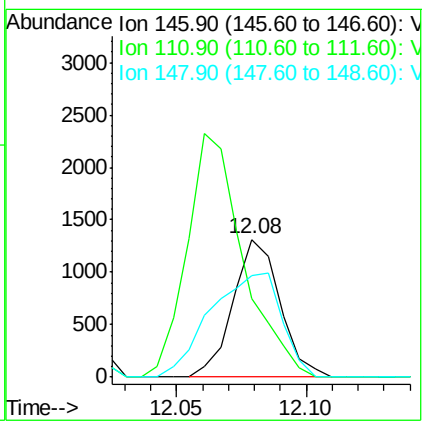
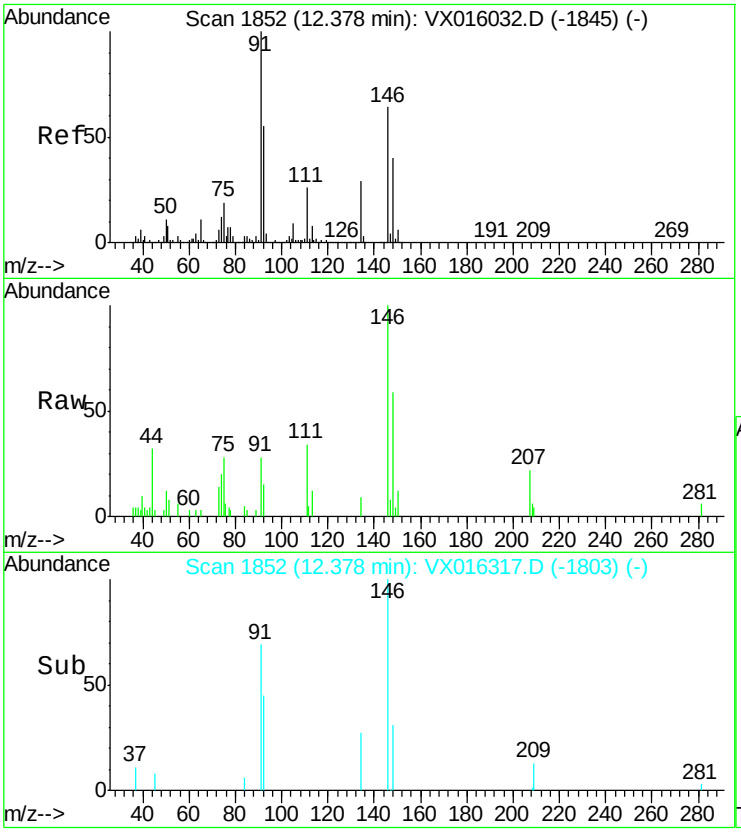


#88
1,4-Dichlorobenzene
Concen: 0.225 ug/l m
RT: 12.08 min Scan# 1803
Delta R.T. -0.01 min
Lab File: VX016317.D
Acq: 18 May 2020 22:36

Tgt Ion:146 Resp: 1660

Ion	Ratio	Lower	Upper
146	100		
111	21.7	19.6	58.7
148	34.5	31.8	95.3

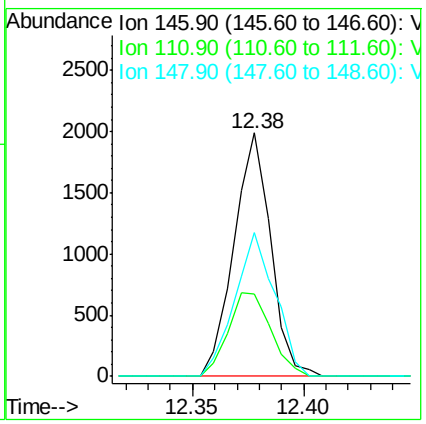




#91
1,2-Dichlorobenzene
Concen: 0.327 ug/l
RT: 12.38 min Scan# 1852
Delta R.T. -0.00 min
Lab File: VX016317.D
Acq: 18 May 2020 22:36

Tgt Ion:146 Resp: 2292

Ion	Ratio	Lower	Upper
146	100		
111	39.8	21.1	63.1
148	64.8	32.4	97.0



Instrument :
MSVOA_X
ClientSampleId :
Z2-DUP-0559-200514

Manual Integrations APPROVED
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5/19/2020 2:27:30 PM