Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX102720\
Data File : VX019152.D
Acq On : 27 Oct 2020 21:17
Operator : JC/MD
Sample : L4516-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FRAC-TANK-1

Manual Integrations APPROVED
MMDadoda
10/28/2020 12:15:16 PM

Quant Time: Oct 28 08:39:25 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 27 13:55:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	312378	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	542876	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	523824	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	263986	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	204609	50.79	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.58%			
35) Dibromofluoromethane	5.46	113	165731	48.60	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.20%			
50) Toluene-d8	8.70	98	671878	52.27	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.54%			
62) 4-Bromofluorobenzene	11.12	95	261471	53.71	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.42%			
Target Compounds						Qvalue
3) Chloromethane	1.31	50	1374m	0.472	ug/l	
16) Acetone	2.42	43	4847	3.488	ug/l	100
20) Methylene Chloride	2.83	84	1033	0.296	ug/l	94
30) Chloroform	5.18	83	2084	0.343	ug/l #	37

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

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MSVOA_X
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FRAC-TANK-1

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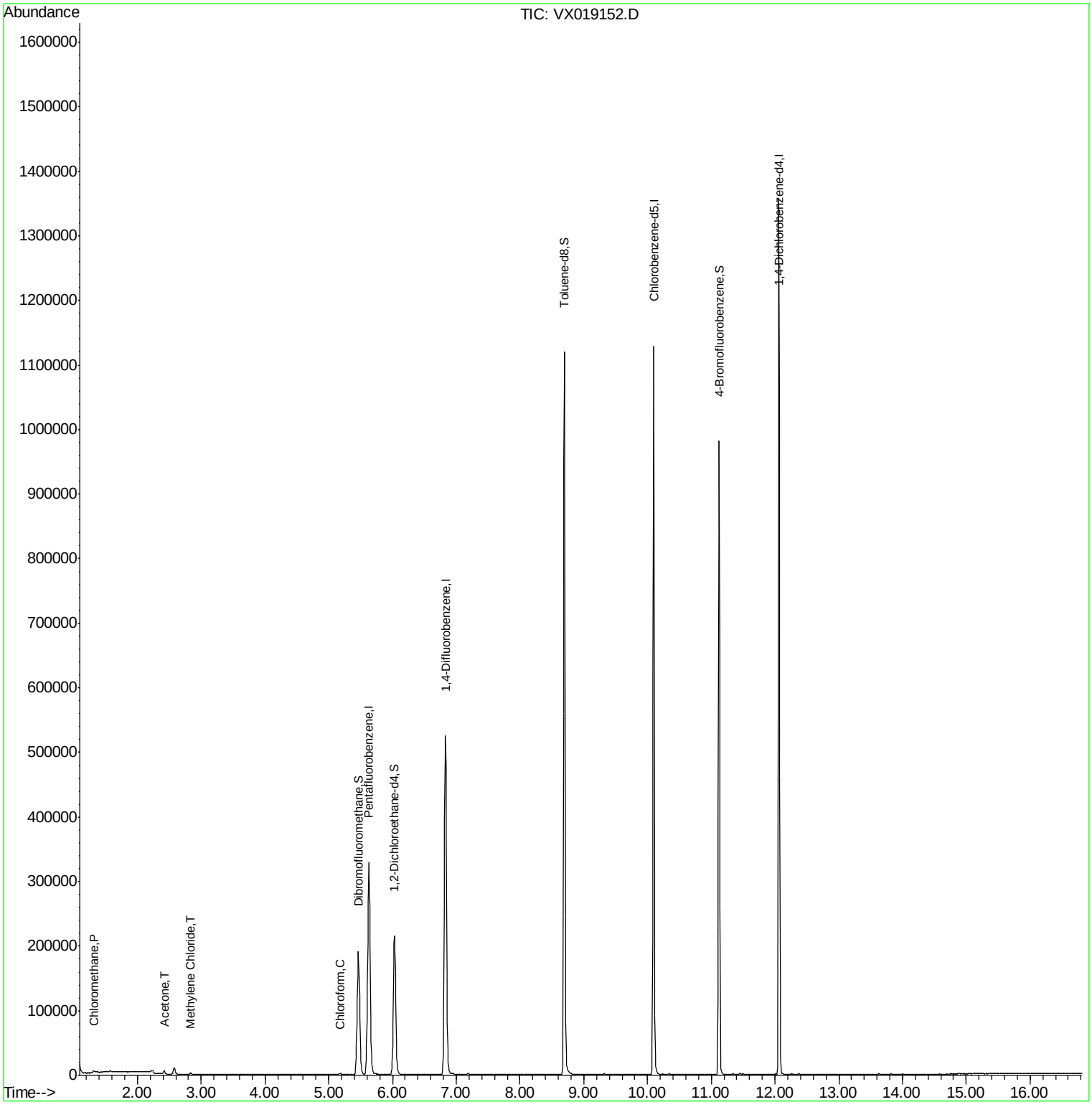
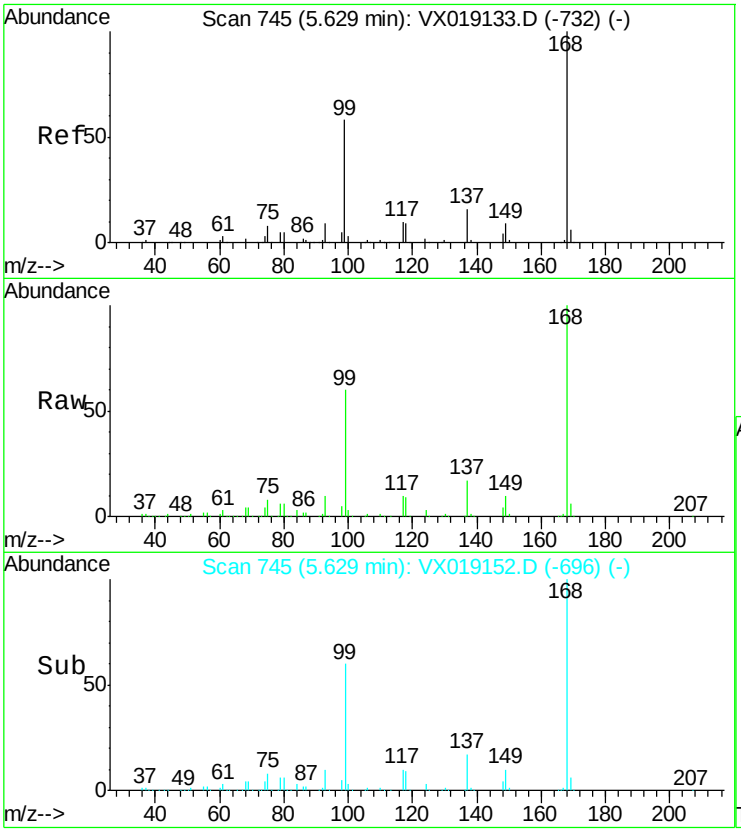
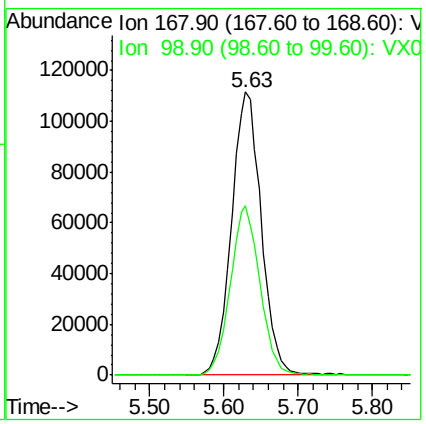




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 745
Delta R.T. 0.00 min
Lab File: VX019152.D
Acq: 27 Oct 2020 21:17

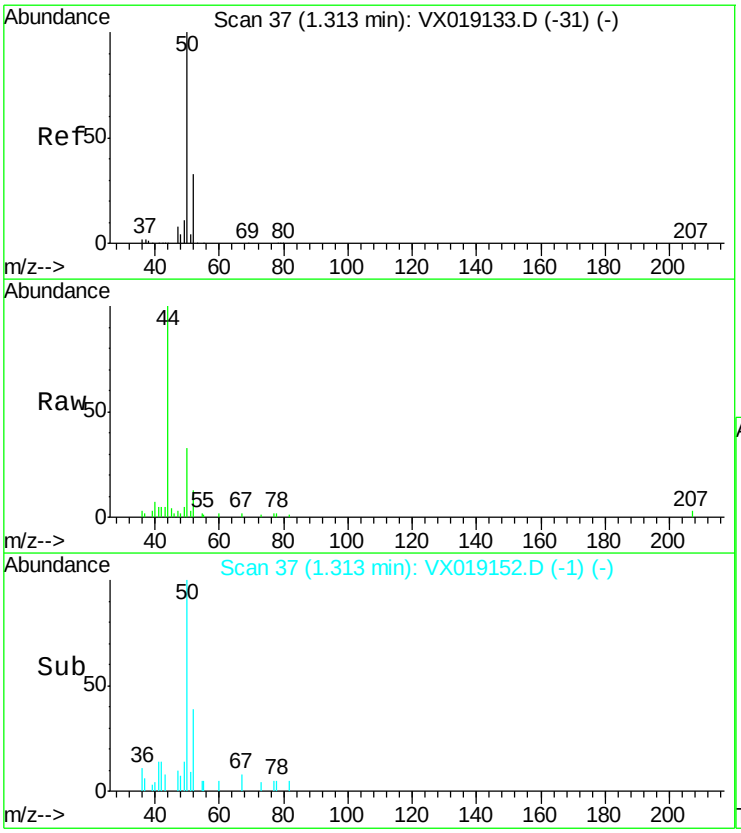
Tgt Ion:168 Resp: 312378

Ion	Ratio	Lower	Upper
168	100		
99	59.8	46.6	69.8



Instrument :
MSVOA_X
ClientSampleId :
FRAC-TANK-1

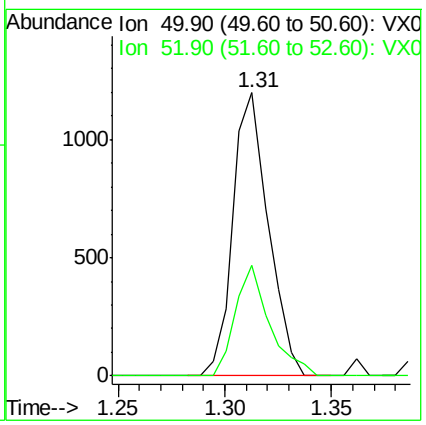
Manual Integrations APPROVED
MMDadoda
10/28/2020 12:15:16 PM

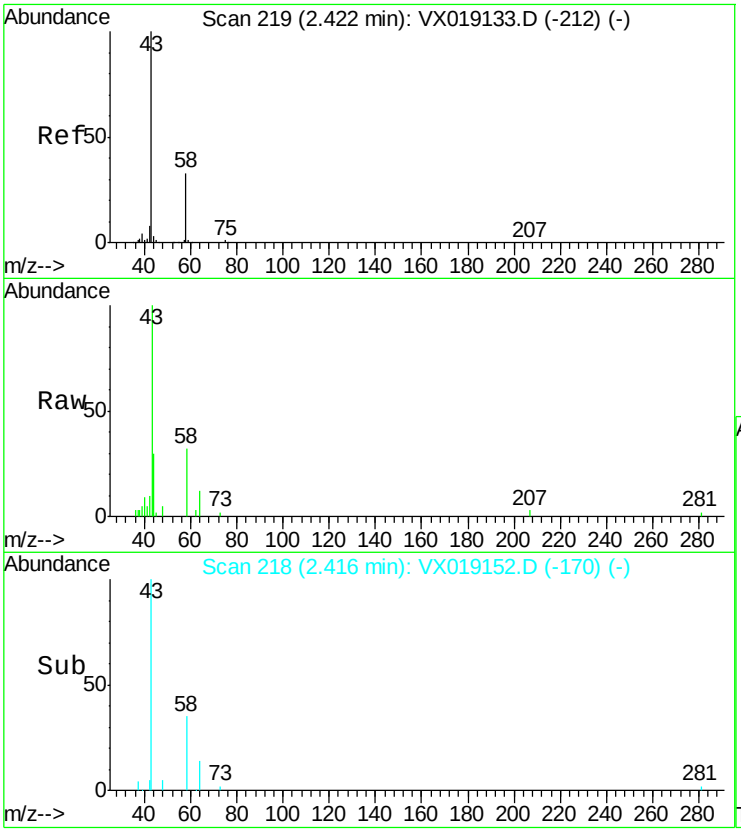


#3
Chloromethane
Concen: 0.472 ug/l m
RT: 1.31 min Scan# 37
Delta R.T. 0.00 min
Lab File: VX019152.D
Acq: 27 Oct 2020 21:17

Tgt Ion: 50 Resp: 1374

Ion	Ratio	Lower	Upper
50	100		
52	39.0	26.8	40.2

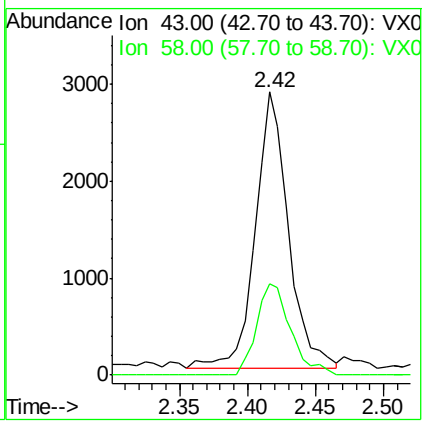




#16
Acetone
Concen: 3.488 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.01 min
Lab File: VX019152.D
Acq: 27 Oct 2020 21:17

Tgt Ion: 43 Resp: 4847

Ion	Ratio	Lower	Upper
43	100		
58	33.2	26.3	39.5



Instrument :
MSVOA_X
ClientSampleId :
FRAC-TANK-1

Manual Integrations APPROVED
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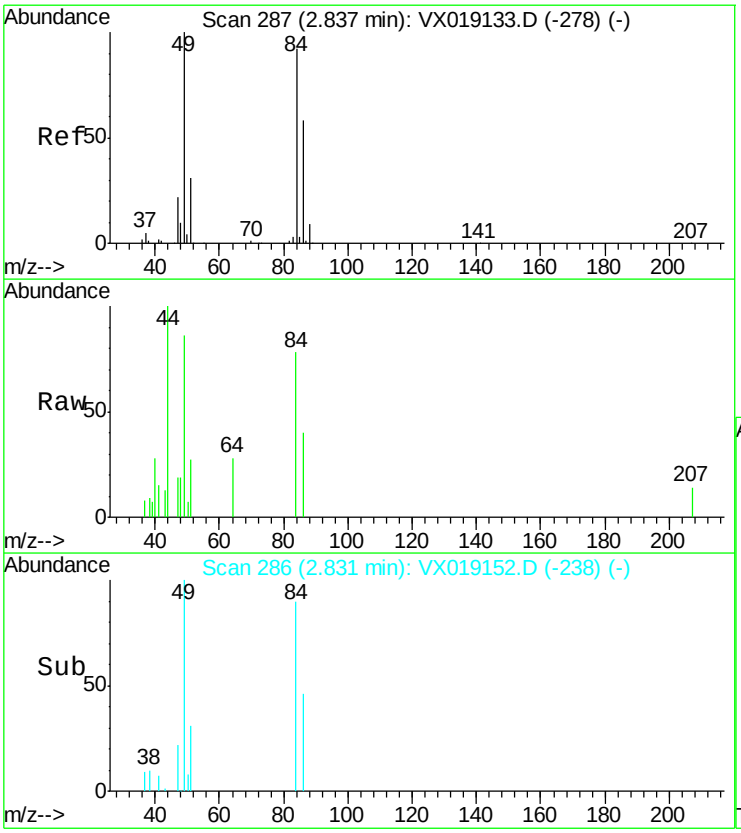
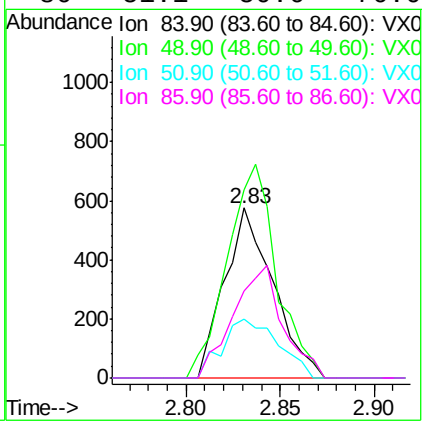
10/28/2020 12:15:16 PM

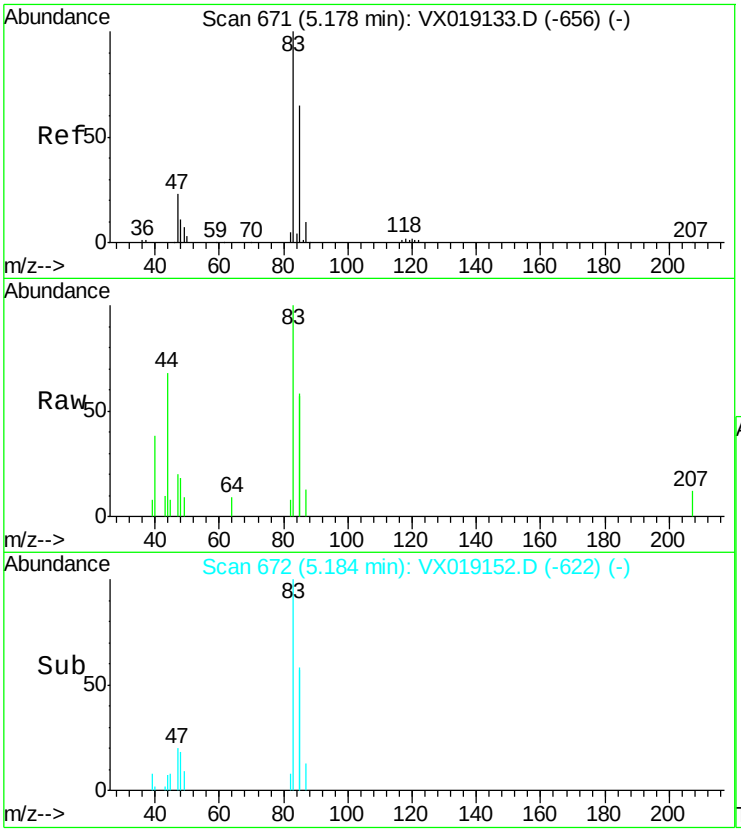


#20
Methylene Chloride
Concen: 0.296 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX019152.D
Acq: 27 Oct 2020 21:17

Tgt Ion: 84 Resp: 1033

Ion	Ratio	Lower	Upper
84	100		
49	111.1	86.8	130.2
51	34.6	27.3	40.9
86	51.1	50.6	76.0

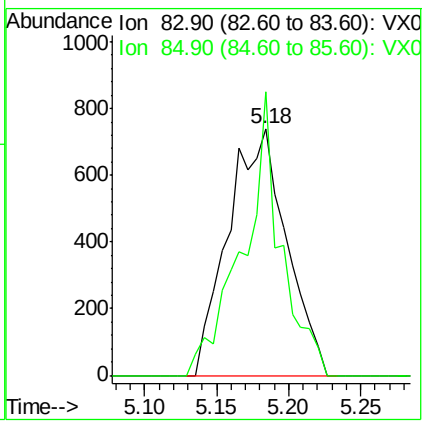




#30
Chloroform
Concen: 0.343 ug/l
RT: 5.18 min Scan# 672
Delta R.T. 0.01 min
Lab File: VX019152.D
Acq: 27 Oct 2020 21:17

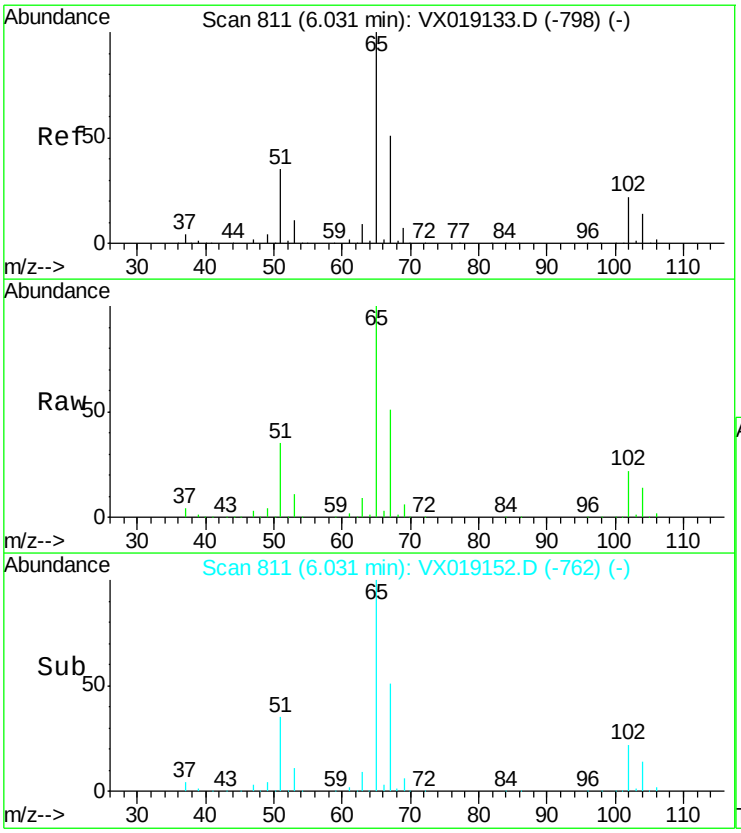
Tgt Ion: 83 Resp: 2084

Ion	Ratio	Lower	Upper
83	100		
85	114.7	51.9	77.9#



Instrument :
MSVOA_X
ClientSampleId :
FRAC-TANK-1

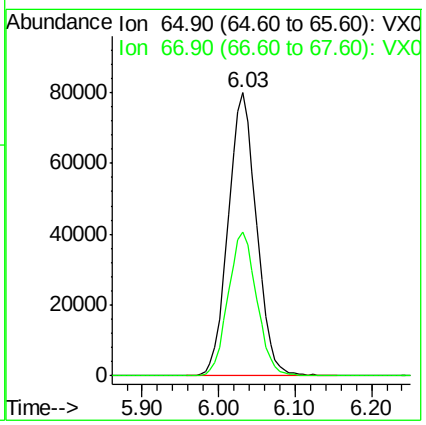
Manual Integrations APPROVED
MMDadoda
10/28/2020 12:15:16 PM

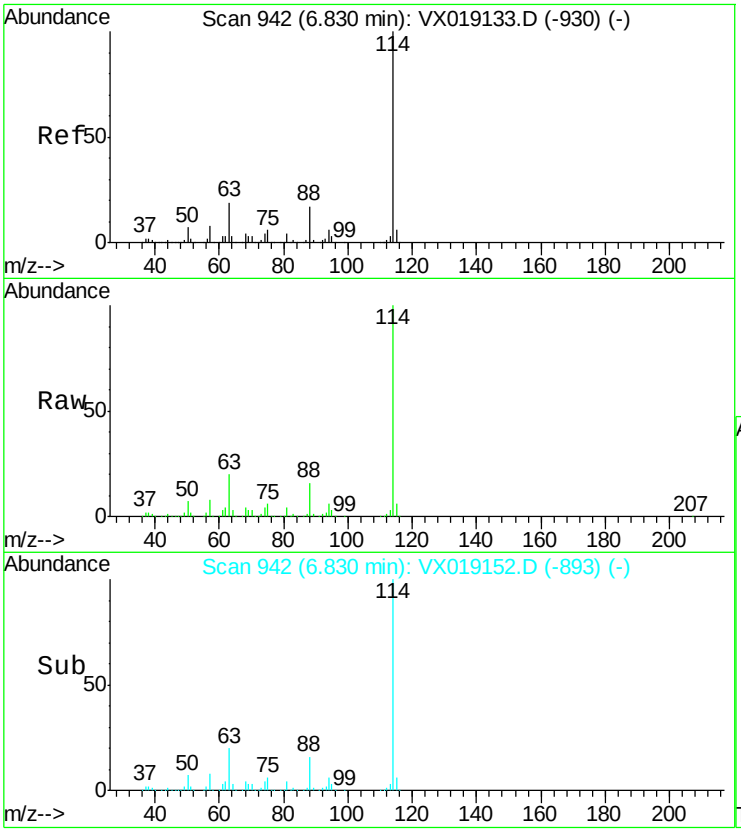


#33
1,2-Dichloroethane-d4
Concen: 50.790 ug/l
RT: 6.03 min Scan# 811
Delta R.T. 0.00 min
Lab File: VX019152.D
Acq: 27 Oct 2020 21:17

Tgt Ion: 65 Resp: 204609

Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	103.0

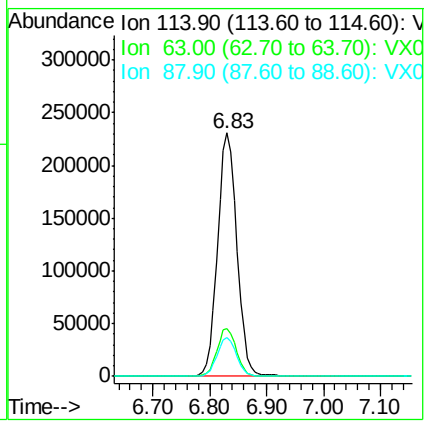




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. 0.00 min
Lab File: VX019152.D
Acq: 27 Oct 2020 21:17

Tgt Ion:114 Resp: 542876

Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	38.8
88	15.9	0.0	34.2



Instrument :
MSVOA_X
ClientSampleId :
FRAC-TANK-1

Manual Integrations APPROVED
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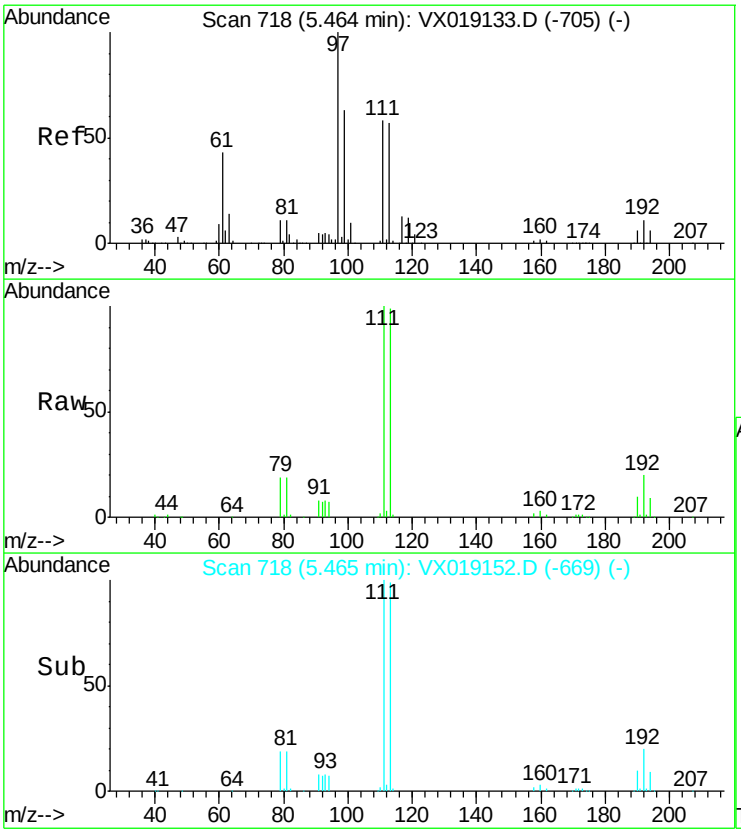
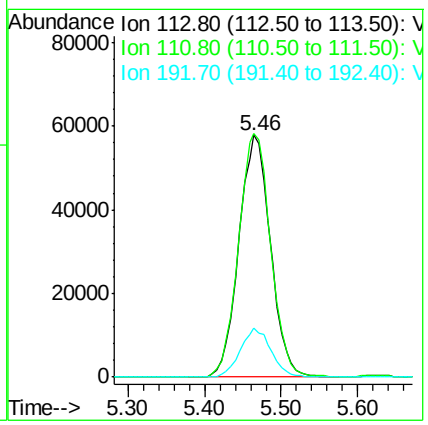
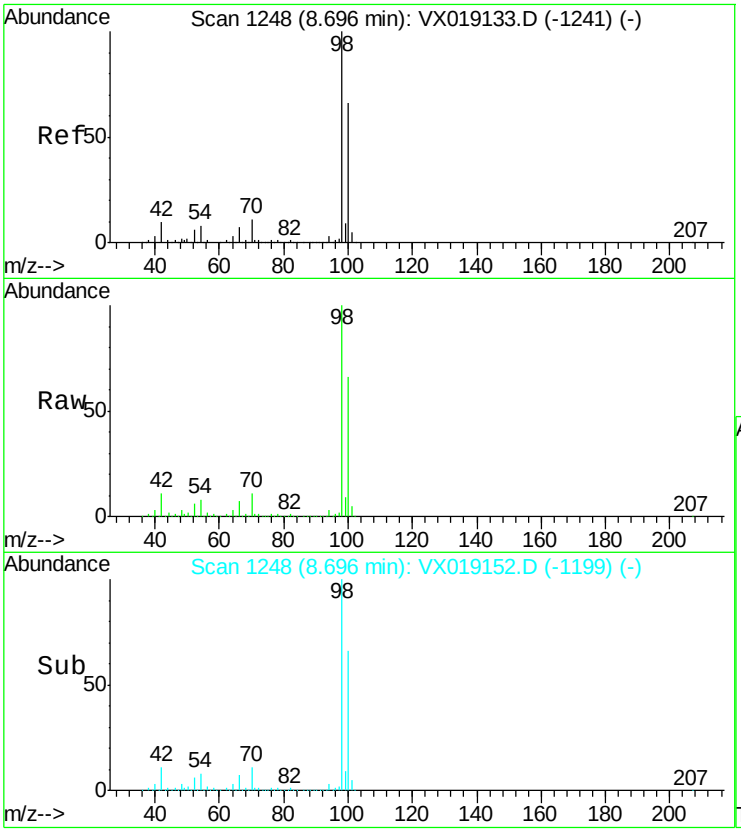


#35
Dibromofluoromethane
Concen: 48.601 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX019152.D
Acq: 27 Oct 2020 21:17

Tgt Ion:113 Resp: 165731

Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.3	123.5
192	19.6	16.2	24.2

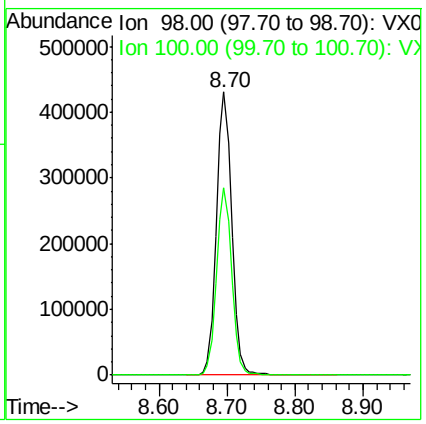




#50
Toluene-d8
Concen: 52.268 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX019152.D
Acq: 27 Oct 2020 21:17

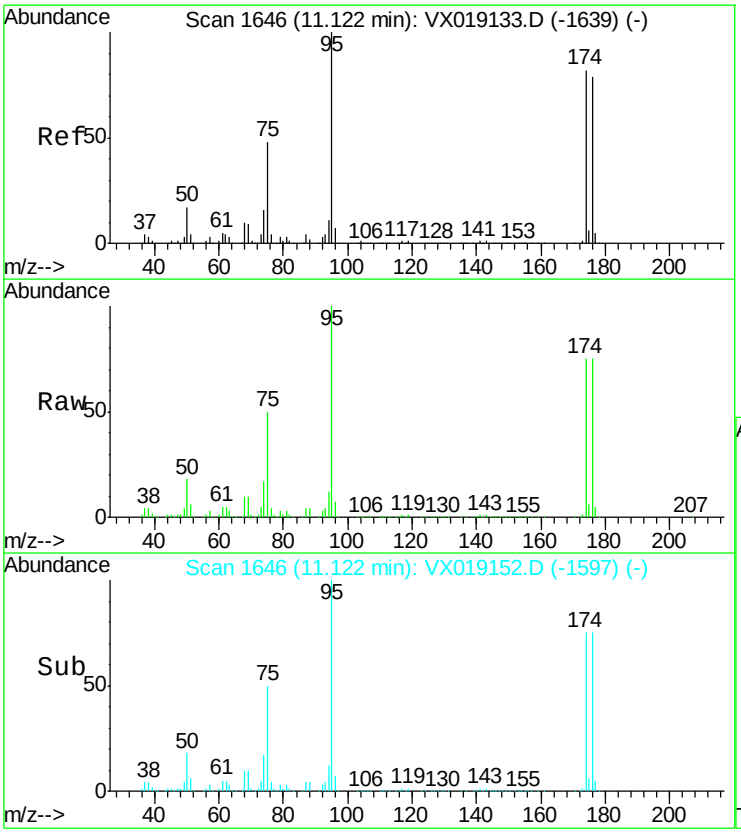
Tgt Ion: 98 Resp: 671878

Ion	Ratio	Lower	Upper
98	100		
100	65.5	53.0	79.6



Instrument :
MSVOA_X
ClientSampleId :
FRAC-TANK-1

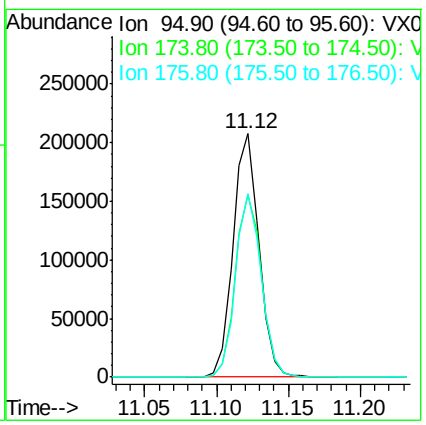
Manual Integrations APPROVED
MMDadoda
10/28/2020 12:15:16 PM

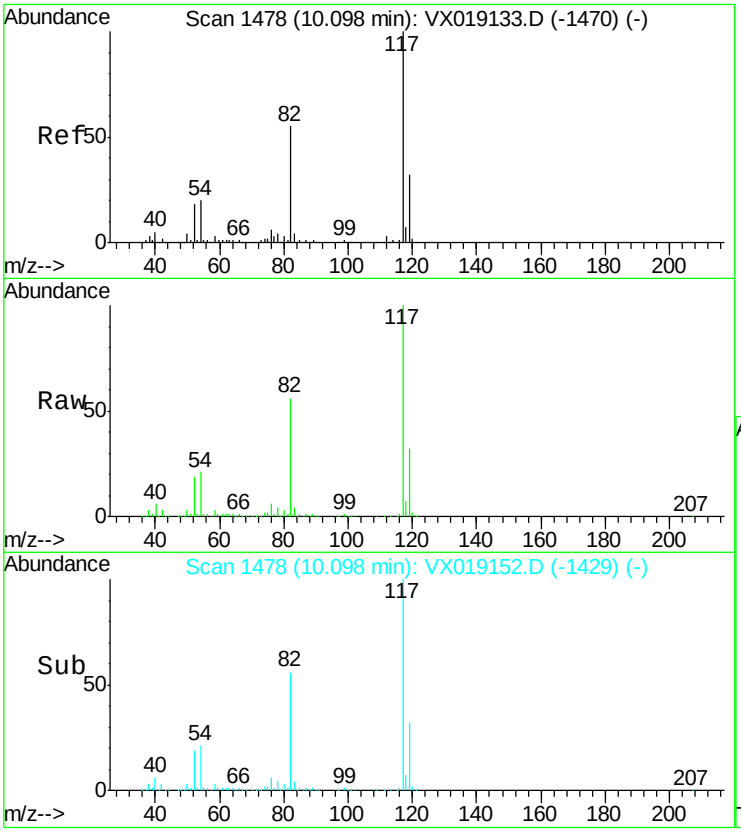


#62
4-Bromofluorobenzene
Concen: 53.711 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX019152.D
Acq: 27 Oct 2020 21:17

Tgt Ion: 95 Resp: 261471

Ion	Ratio	Lower	Upper
95	100		
174	76.0	0.0	156.0
176	74.3	0.0	149.8

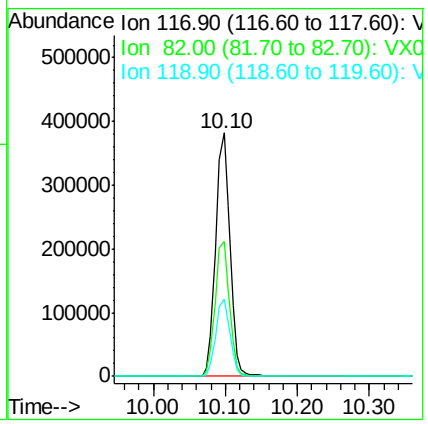




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX019152.D
Acq: 27 Oct 2020 21:17

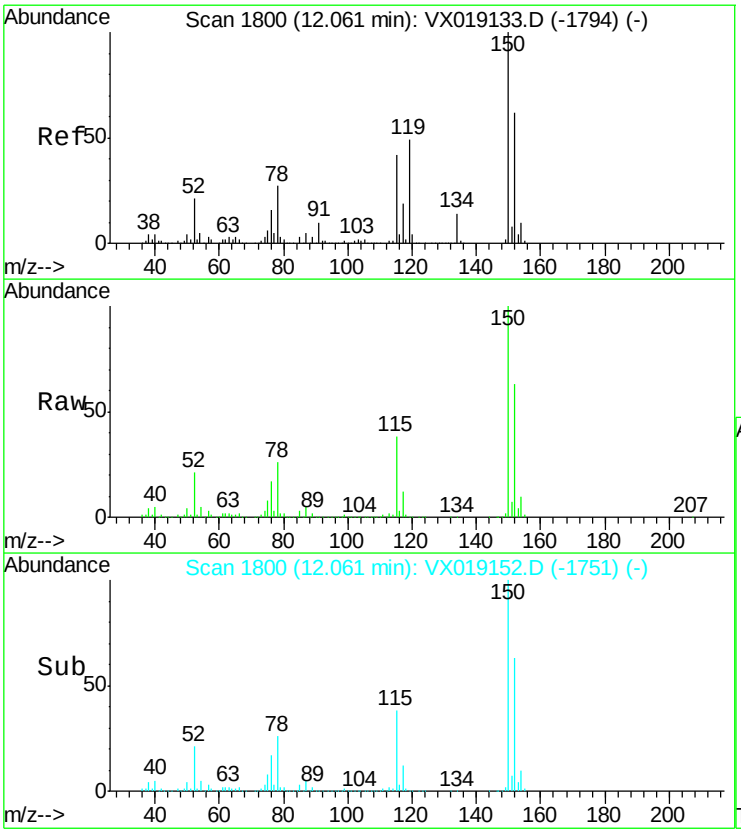
Tgt Ion:117 Resp: 523824

Ion	Ratio	Lower	Upper
117	100		
82	55.6	43.6	65.4
119	31.8	25.5	38.3



Instrument :
MSVOA_X
ClientSampleId :
FRAC-TANK-1

Manual Integrations APPROVED
MMDadoda
10/28/2020 12:15:16 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX019152.D
Acq: 27 Oct 2020 21:17

Tgt Ion:152 Resp: 263986

Ion	Ratio	Lower	Upper
152	100		
115	61.3	41.9	125.7
150	159.8	0.0	347.8