Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062518\
Data File : VX002887.D
Acq On : 26 Jun 2018 03:52
Operator : JC/MD
Sample : J3693-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : W-26

Quant Time: Jun 27 07:45:42 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	251030	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	354339	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	330948	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	193904	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	169842	48.95	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.90%			
35) Dibromofluoromethane	5.51	113	137984	49.17	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.34%			
50) Toluene-d8	8.72	98	495714	48.38	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.76%			
62) 4-Bromofluorobenzene	11.14	95	180867	45.77	ug/l	0.00
Spiked Amount 50.000			Recovery = 91.54%			
Target Compounds						Qvalue
10) Methyl Iodide	2.52	142	2540	7.02	ug/l	93
16) Acetone	2.45	43	1335	0.93	ug/l #	86
19) Methyl tert-butyl Ether	3.21	73	19537	2.20	ug/l	92
22) Diisopropyl ether	3.88	45	2284	0.24	ug/l #	84
65) Chlorobenzene	10.14	112	4895	0.58	ug/l	97
95) Naphthalene	13.83	128	4224	0.32	ug/l #	92

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

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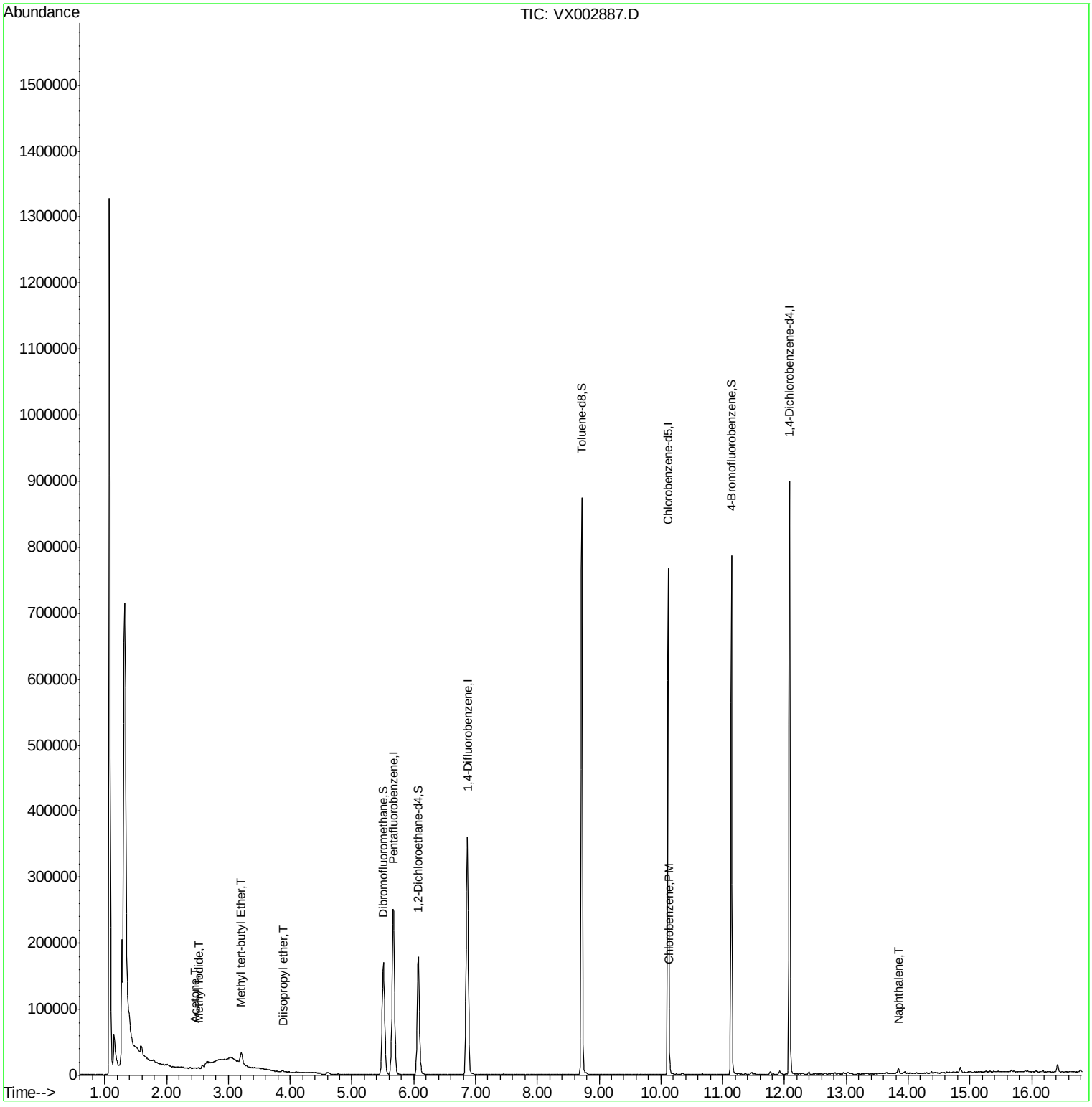
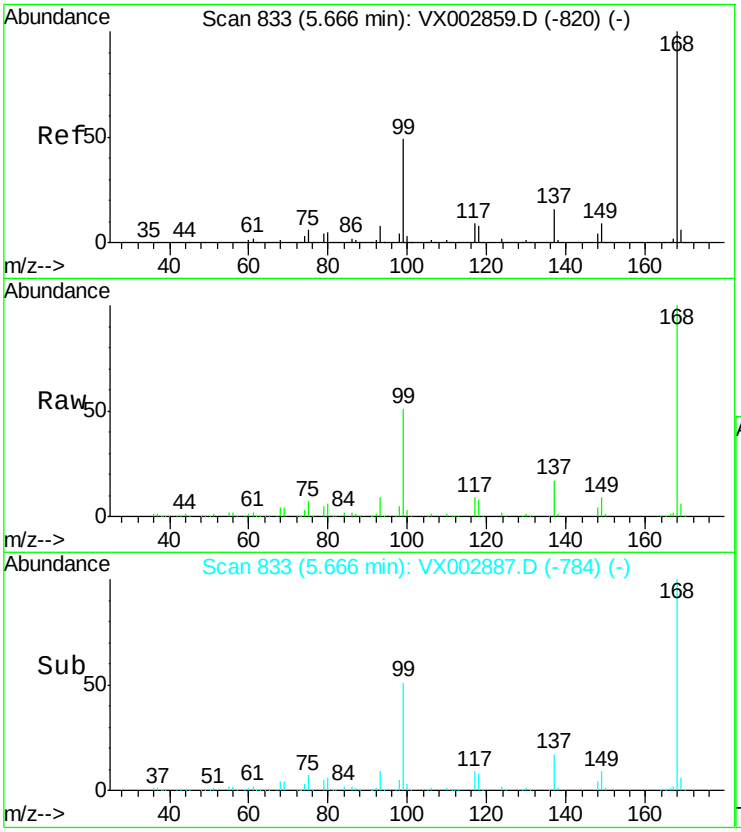


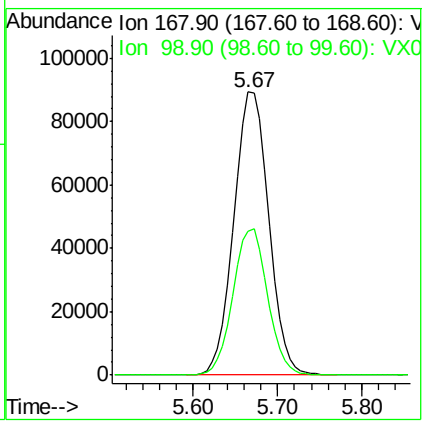


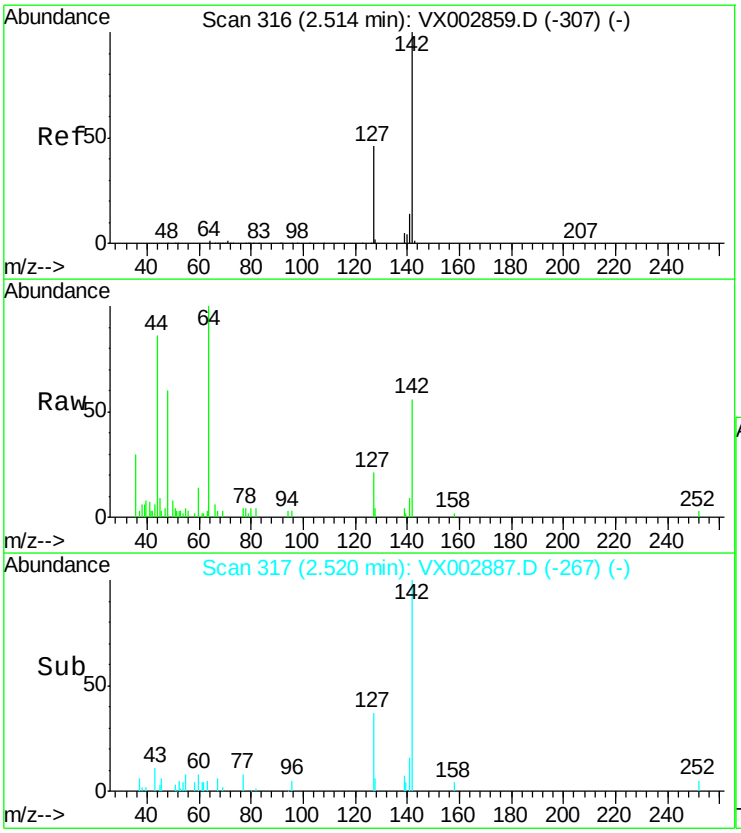
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX002887.D
Acq: 26 Jun 2018 03:52

Instrument : MSVOA_X
ClientSampleId : W-26

Tgt Ion:168 Resp: 251030

Ion	Ratio	Lower	Upper
168	100		
99	50.9	39.3	58.9

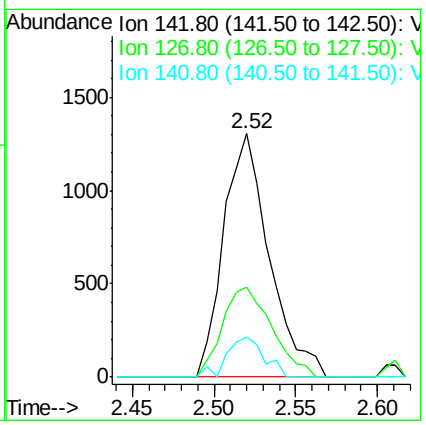


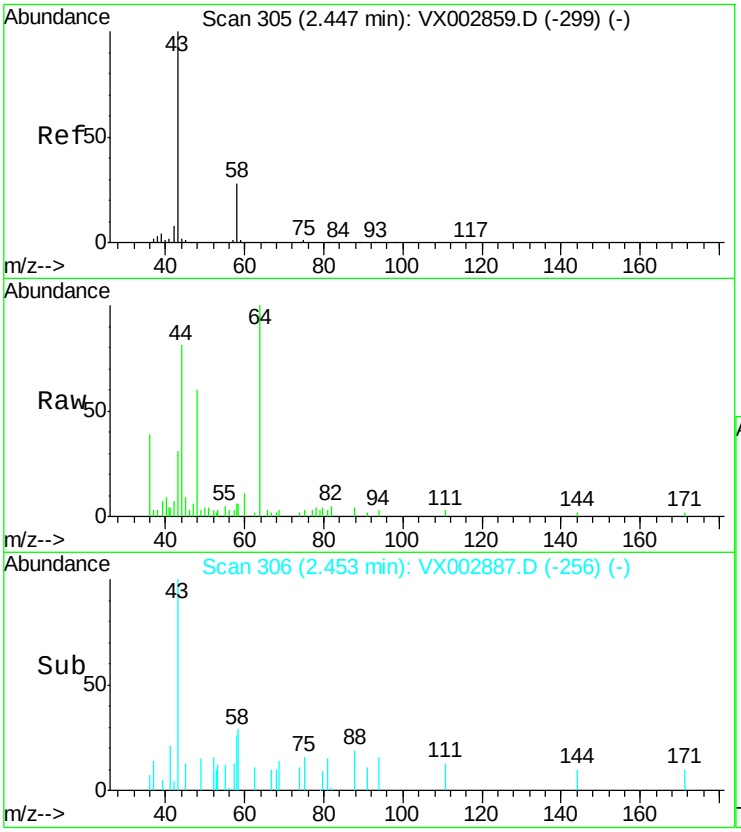


#10
Methyl Iodide
Concen: 7.02 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX002887.D
Acq: 26 Jun 2018 03:52

Tgt Ion:142 Resp: 2540

Ion	Ratio	Lower	Upper
142	100		
127	40.1	36.6	55.0
141	13.2	11.3	16.9



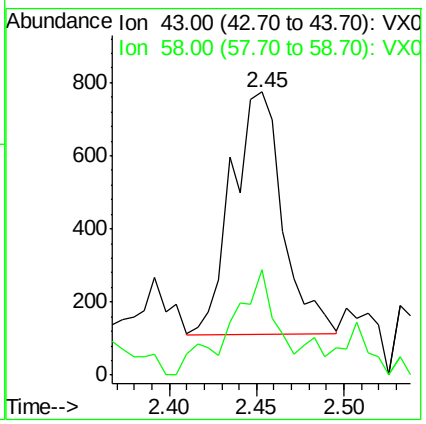


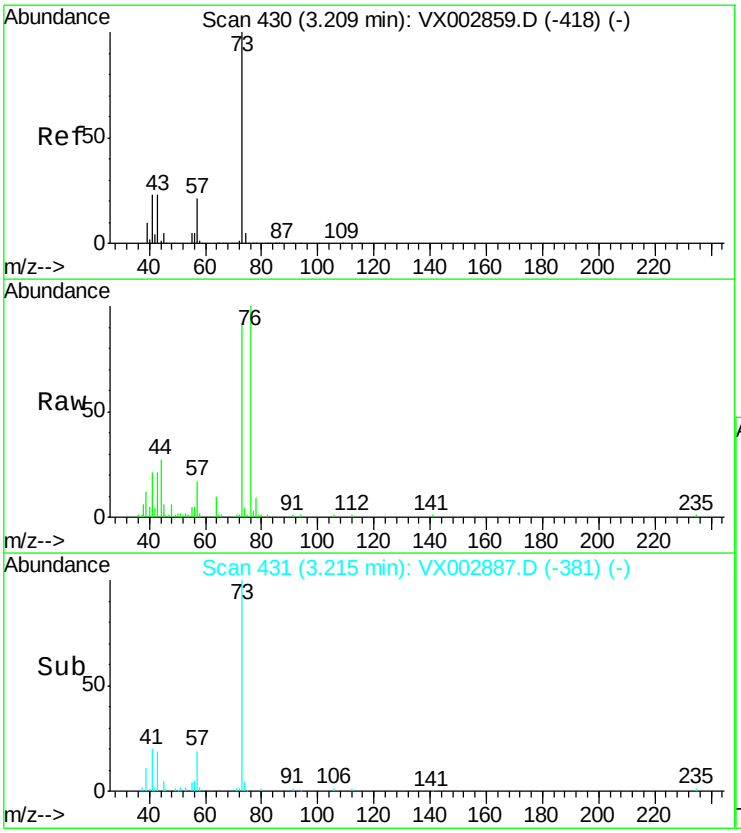
#16
Acetone
Concen: 0.93 ug/l
RT: 2.45 min Scan# 306
Delta R.T. 0.01 min
Lab File: VX002887.D
Acq: 26 Jun 2018 03:52

Instrument : MSVOA_X
ClientSampleId : W-26

Tgt Ion: 43 Resp: 1335

Ion	Ratio	Lower	Upper
43	100		
58	34.7	22.1	33.1#

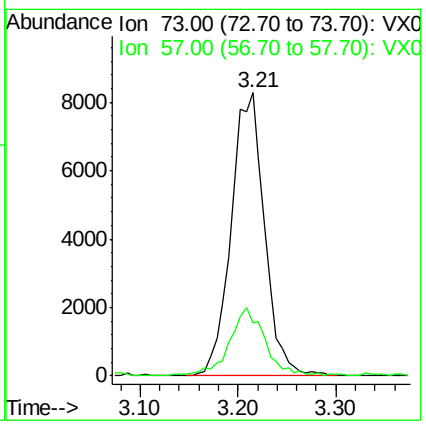


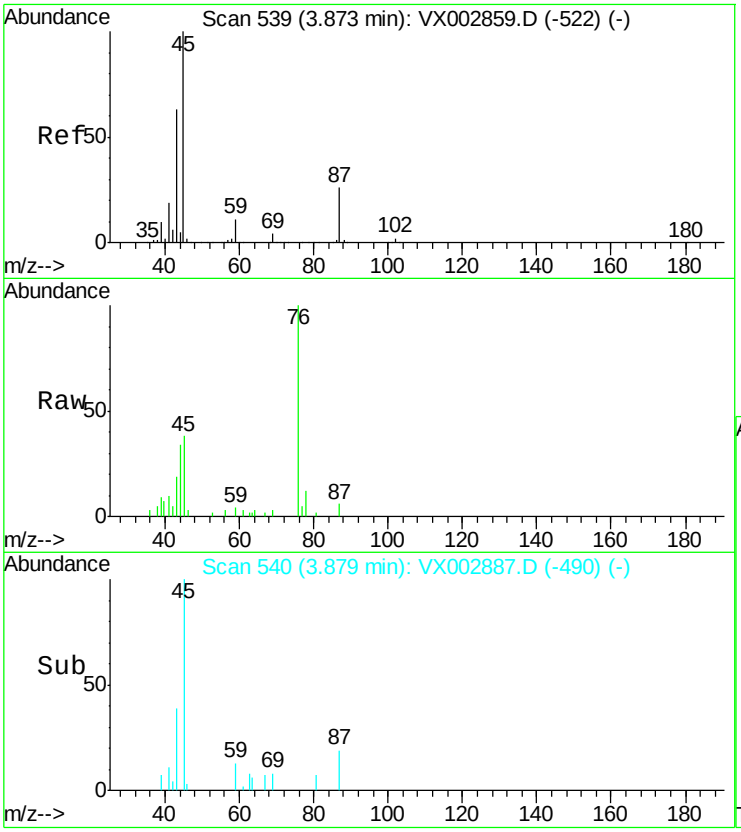


#19
Methyl tert-butyl Ether
Concen: 2.20 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.01 min
Lab File: VX002887.D
Acq: 26 Jun 2018 03:52

Tgt Ion: 73 Resp: 19537

Ion	Ratio	Lower	Upper
73	100		
57	18.2	17.7	26.5



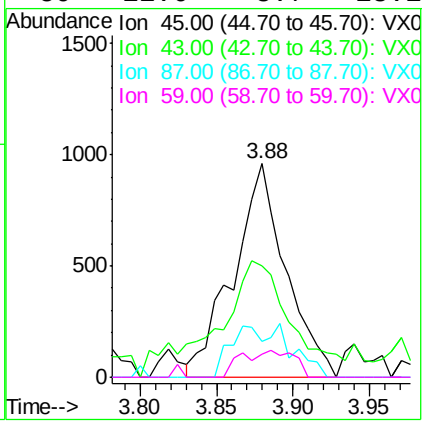


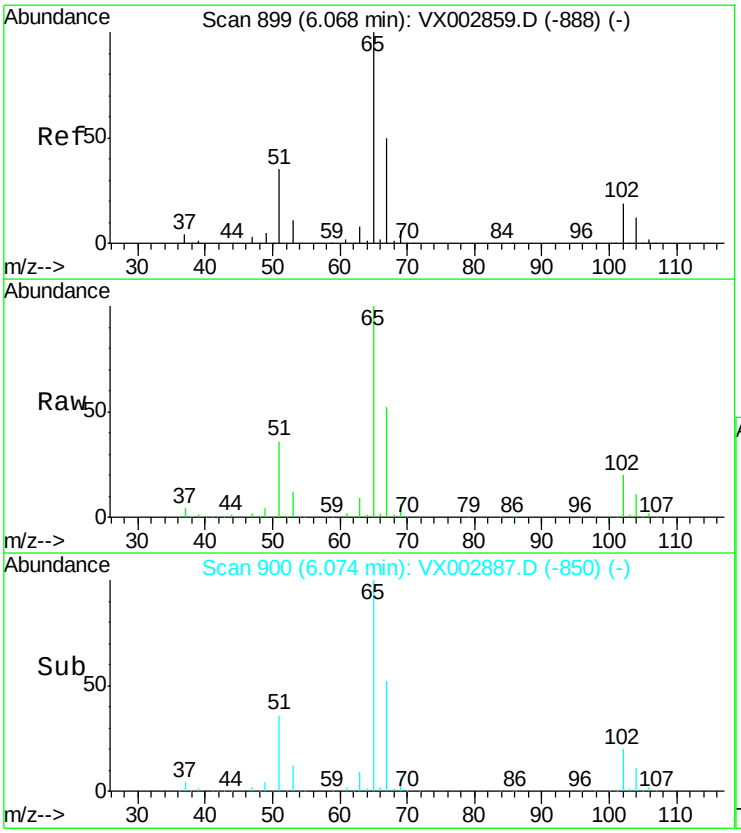
#22
Diisopropyl ether
Concen: 0.24 ug/l
RT: 3.88 min Scan# 540
Delta R.T. 0.01 min
Lab File: VX002887.D
Acq: 26 Jun 2018 03:52

Instrument : MSVOA_X
ClientSampleId : W-26

Tgt Ion: 45 Resp: 2284

Ion	Ratio	Lower	Upper
45	100		
43	44.0	46.8	70.2#
87	17.7	20.2	30.4#
59	11.6	8.7	13.1

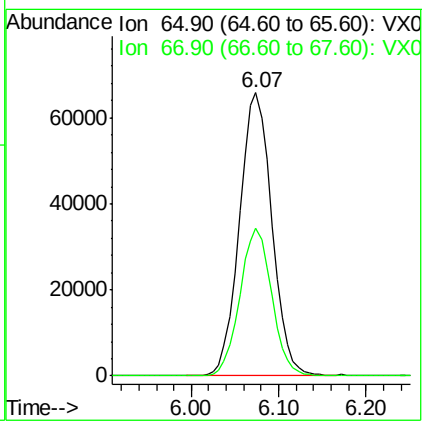


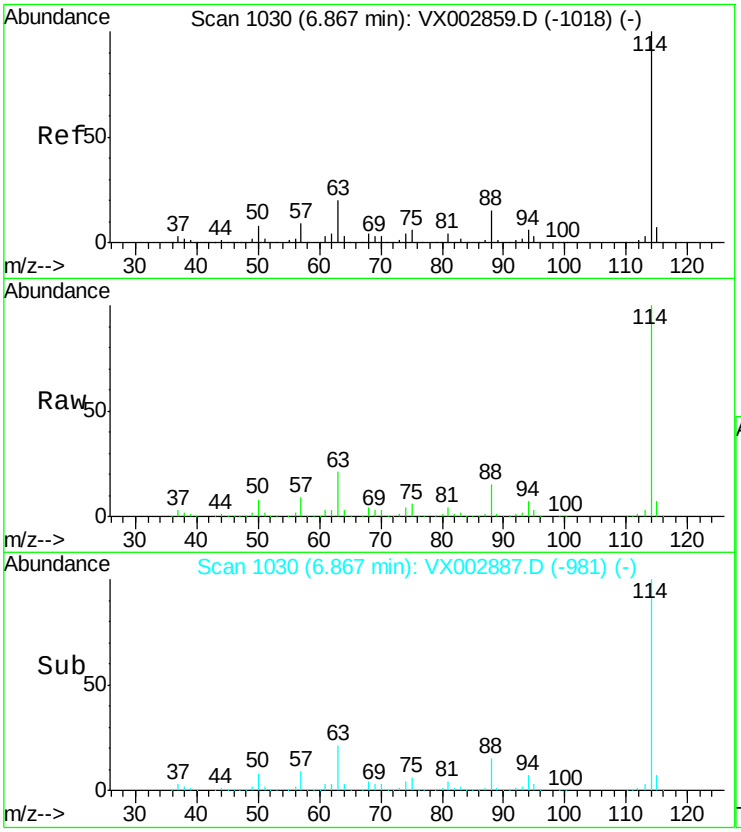


#33
1,2-Dichloroethane-d4
Concen: 48.95 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.01 min
Lab File: VX002887.D
Acq: 26 Jun 2018 03:52

Tgt Ion: 65 Resp: 169842

Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	102.6



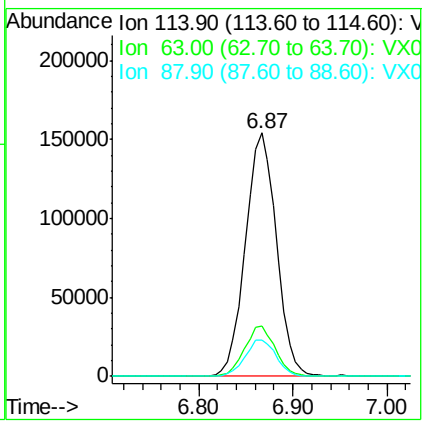


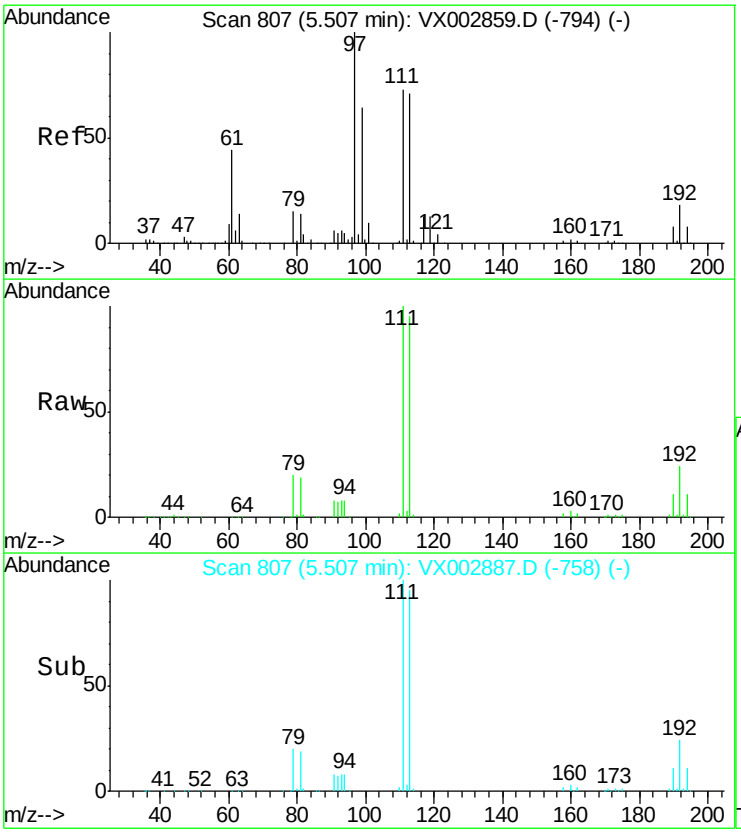
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VX002887.D
Acq: 26 Jun 2018 03:52

Instrument : MSVOA_X
ClientSampleId : W-26

Tgt Ion:114 Resp: 354339

Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	41.4
88	14.9	0.0	30.0

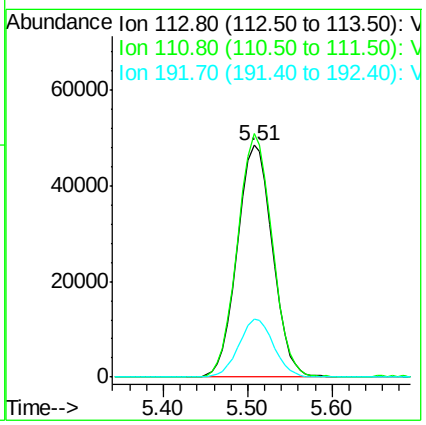


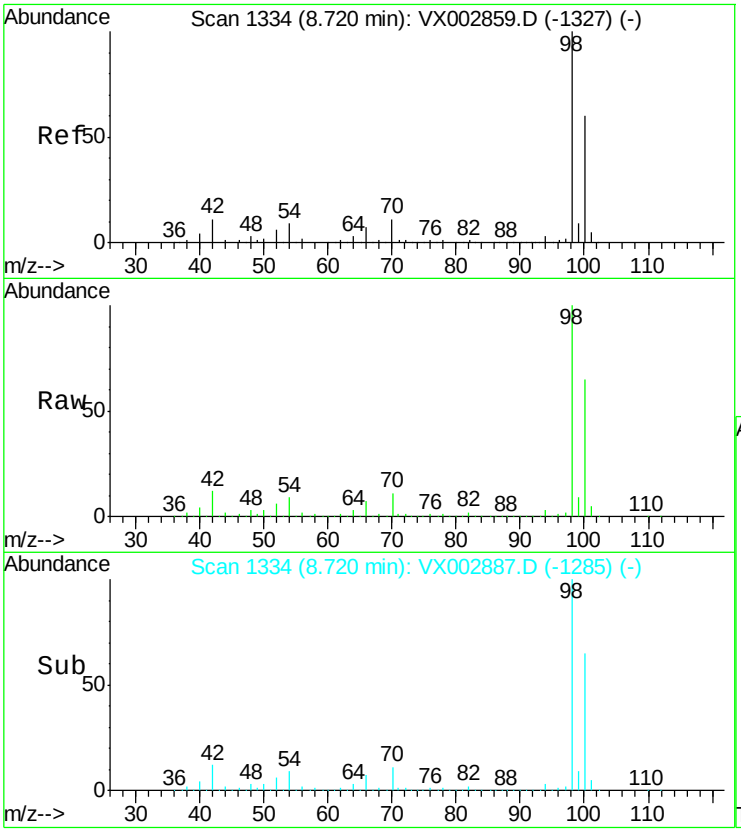


#35
Dibromofluoromethane
Concen: 49.17 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: VX002887.D
Acq: 26 Jun 2018 03:52

Tgt Ion:113 Resp: 137984

Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.4	122.0
192	24.5	19.1	28.7



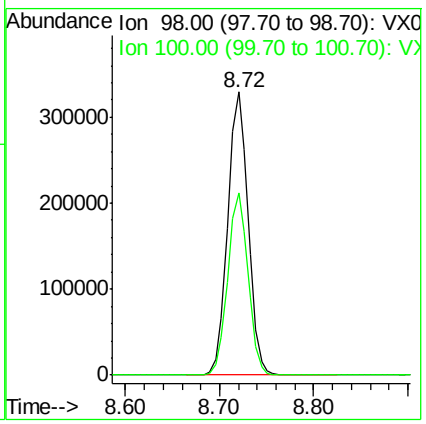


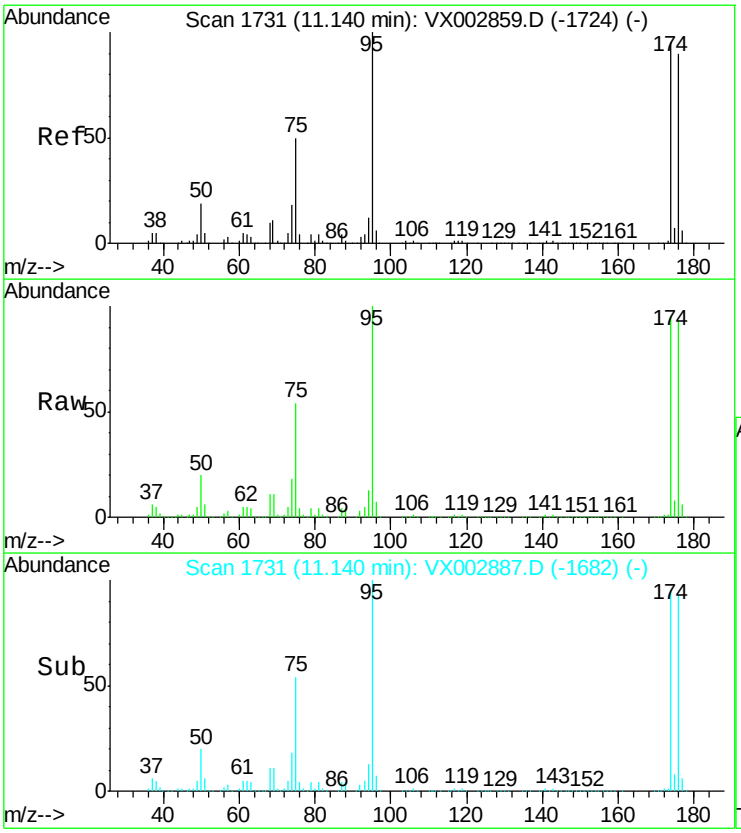
#50
Toluene-d8
Concen: 48.38 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002887.D
Acq: 26 Jun 2018 03:52

Instrument : MSVOA_X
ClientSampleId : W-26

Tgt Ion: 98 Resp: 495714

Ion	Ratio	Lower	Upper
98	100		
100	64.2	50.9	76.3

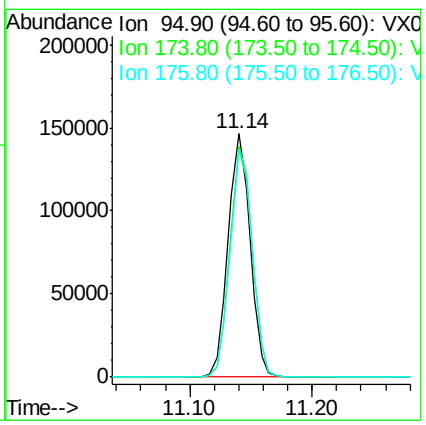


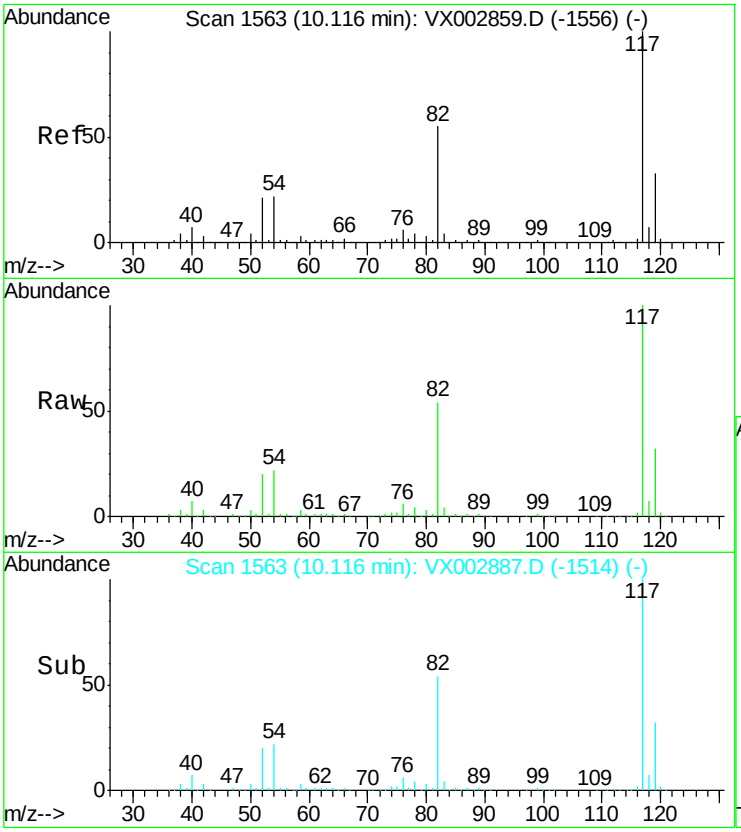


#62
4-Bromofluorobenzene
Concen: 45.77 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002887.D
Acq: 26 Jun 2018 03:52

Tgt Ion: 95 Resp: 180867

Ion	Ratio	Lower	Upper
95	100		
174	96.6	0.0	187.4
176	94.5	0.0	181.0



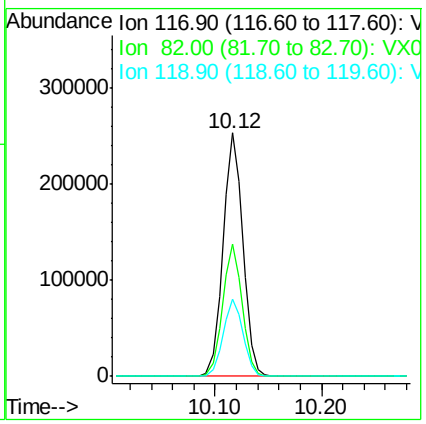


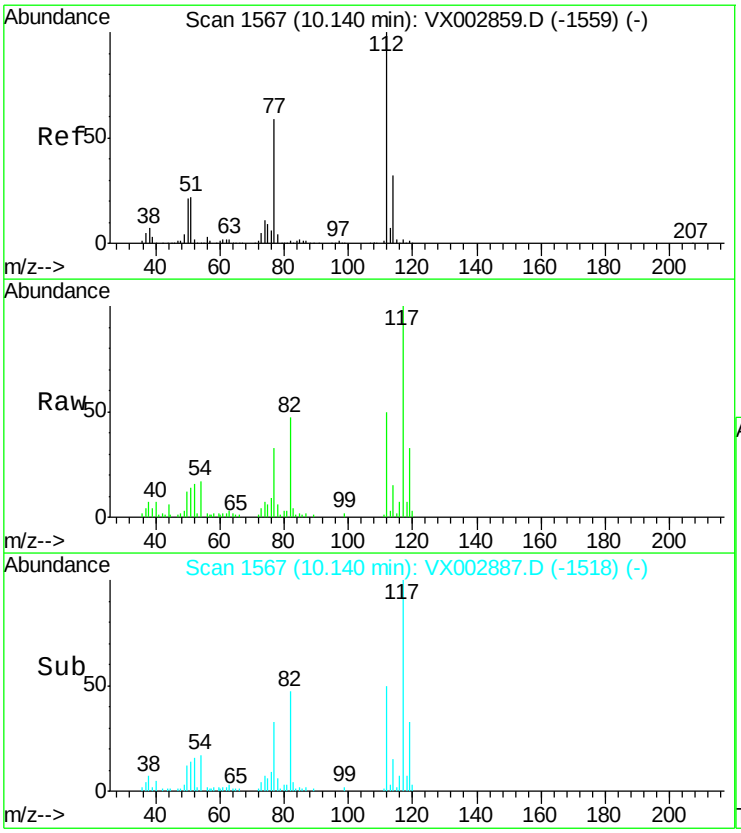
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002887.D
Acq: 26 Jun 2018 03:52

Instrument : MSVOA_X
ClientSampleId : W-26

Tgt Ion:117 Resp: 330948

Ion	Ratio	Lower	Upper
117	100		
82	54.1	45.0	67.4
119	31.9	25.8	38.6

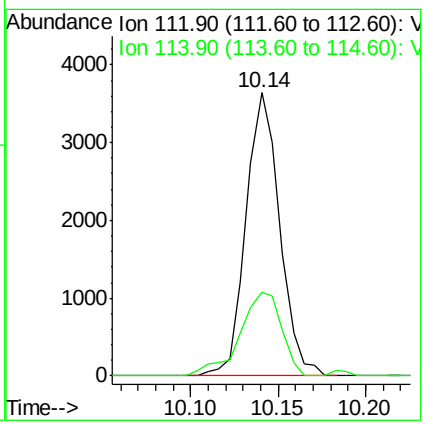


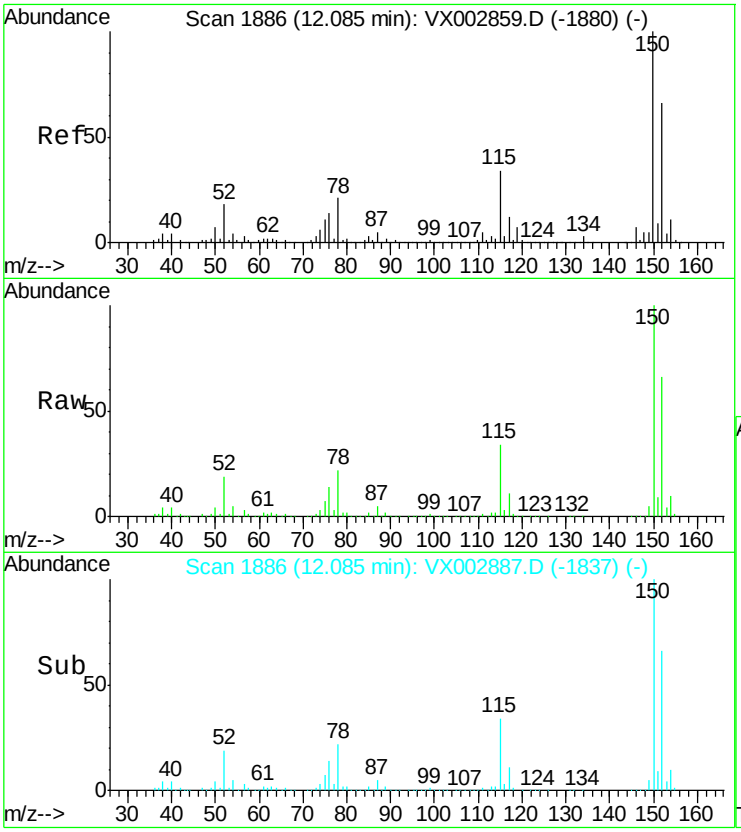


#65
Chlorobenzene
Concen: 0.58 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX002887.D
Acq: 26 Jun 2018 03:52

Tgt Ion:112 Resp: 4895

Ion	Ratio	Lower	Upper
112	100		
114	29.7	25.3	37.9



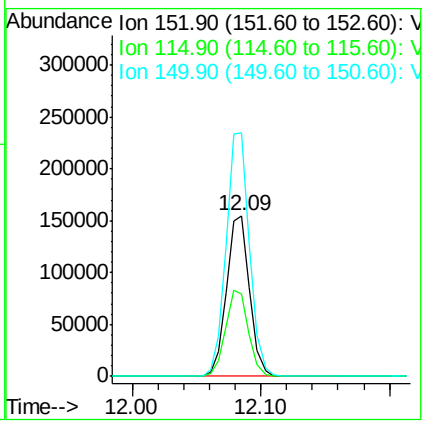


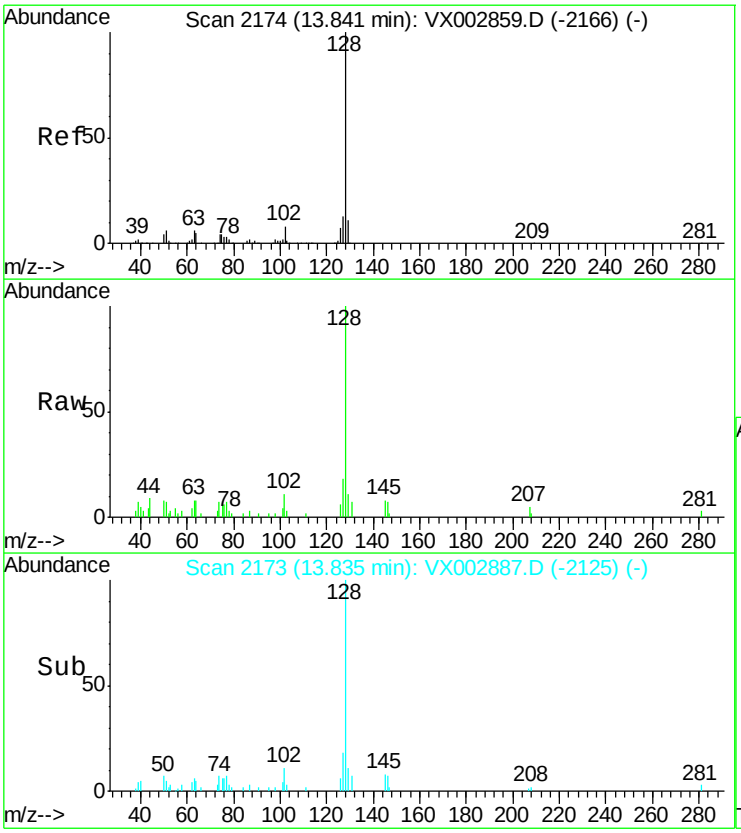
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX002887.D
Acq: 26 Jun 2018 03:52

Instrument :
MSVOA_X
ClientSampleId :
W-26

Tgt Ion:152 Resp: 193904

Ion	Ratio	Lower	Upper
152	100		
115	53.7	40.1	120.2
150	154.3	0.0	347.2





#95
Naphthalene
Concen: 0.32 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. -0.01 min
Lab File: VX002887.D
Acq: 26 Jun 2018 03:52

Tgt Ion:128 Resp: 4224

Ion	Ratio	Lower	Upper
128	100		
127	15.4	10.4	15.6
129	14.7	8.6	13.0#