Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112119\
Data File : VX013501.D
Acq On : 21 Nov 2019 14:27
Operator : JC/SP
Sample : K5967-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FERMENTATION-WASTE

Quant Time: Nov 22 09:17:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 02 07:06:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	709835	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1142148	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	1025618	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	473583	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	421163	50.08	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.16%			
35) Dibromofluoromethane	5.49	113	346760	48.41	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.82%			
50) Toluene-d8	8.71	98	1372683	50.83	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.66%			
62) 4-Bromofluorobenzene	11.14	95	467049	47.92	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.84%			
Target Compounds						Qvalue
16) Acetone	2.43	43	68739	16.388	ug/l	96
17) Carbon Disulfide	2.56	76	12666	0.727	ug/l #	95
20) Methylene Chloride	2.85	84	44727	5.771	ug/l	92
25) 2-Butanone	4.66	43	118470	19.253	ug/l	99
29) Tetrahydrofuran	5.11	42	213985	56.431	ug/l	99
52) Toluene	8.78	92	29907	1.581	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	7587	0.289	ug/l	91

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

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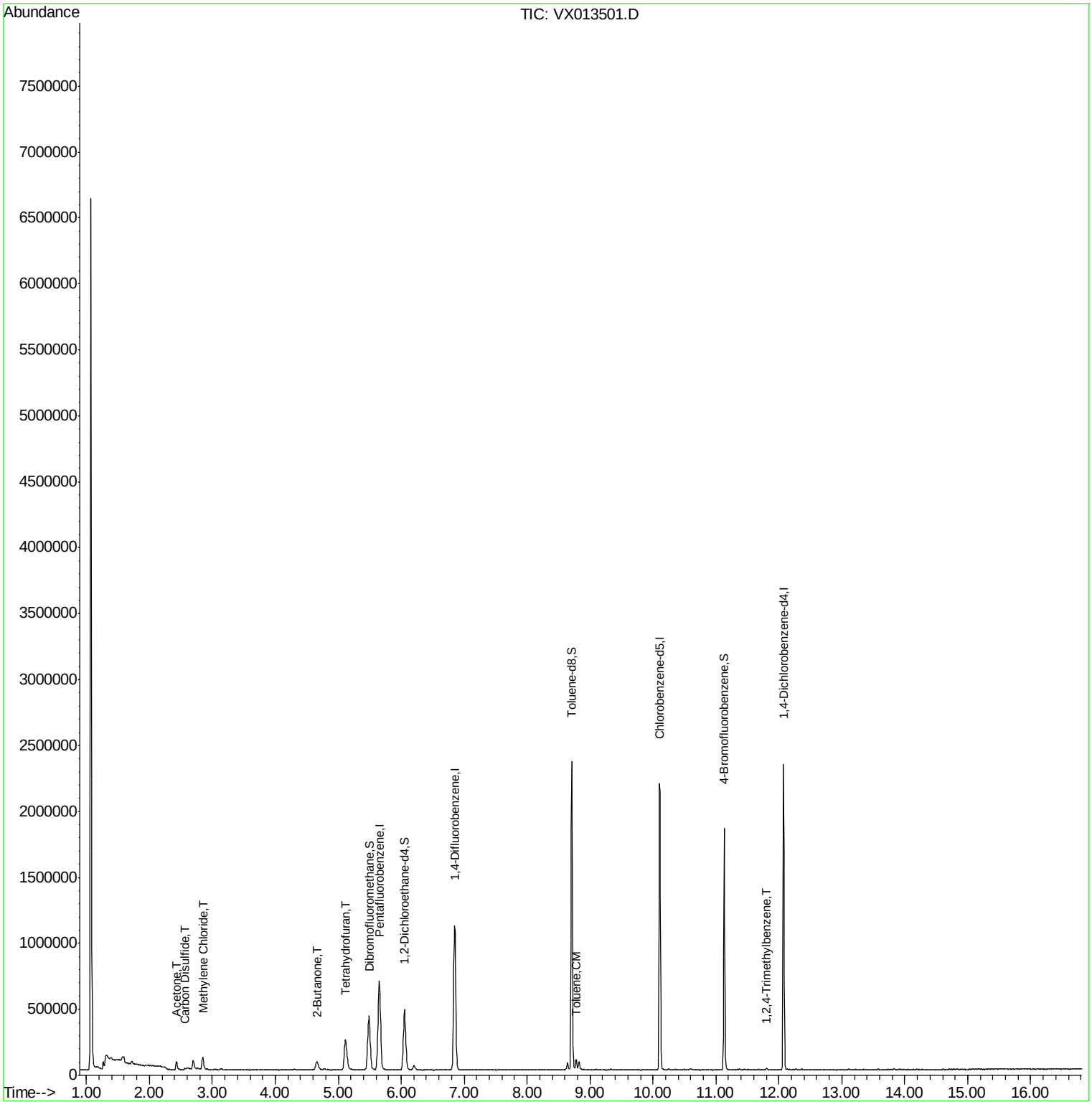
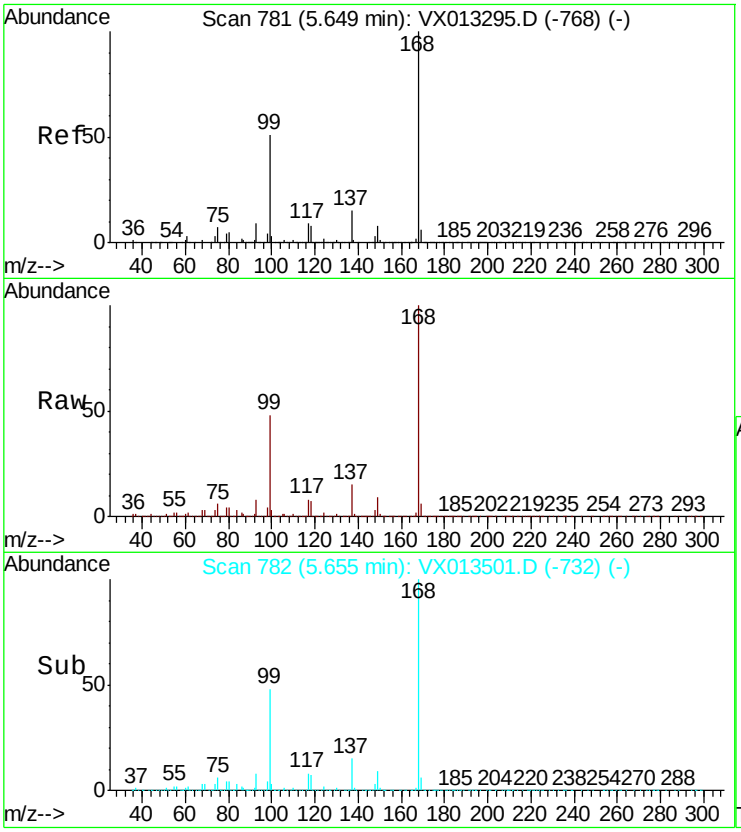


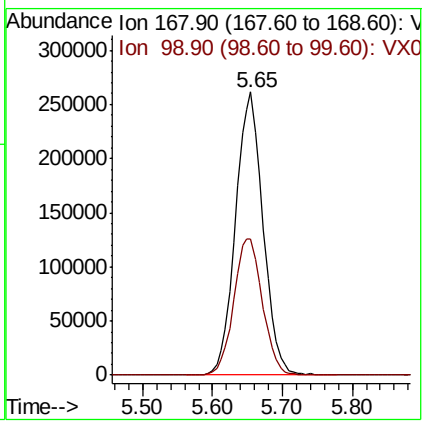


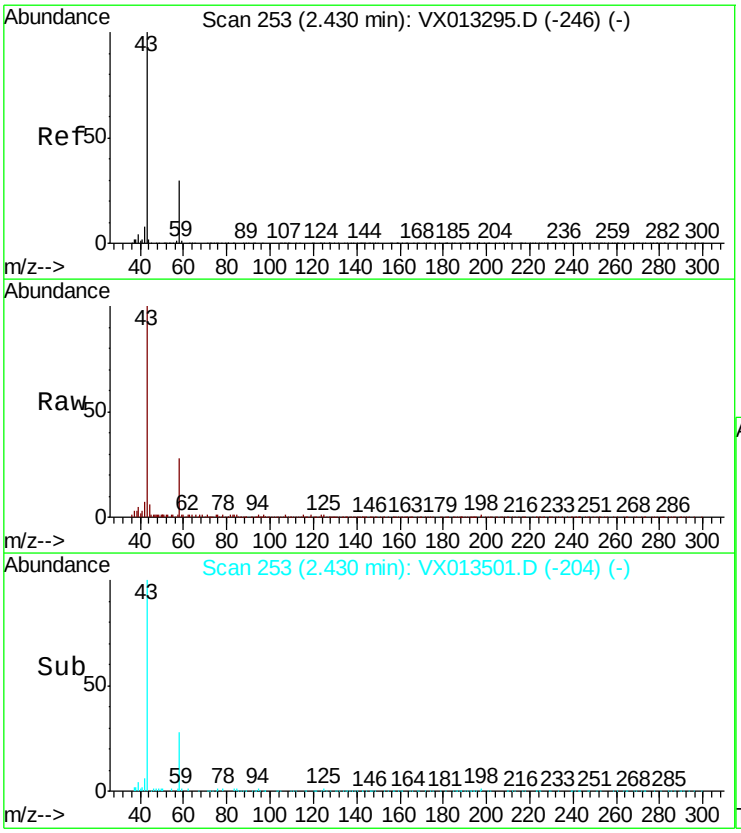
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.01 min
Lab File: VX013501.D
Acq: 21 Nov 2019 14:27

Instrument :
MSVOA_X
ClientSampleId :
FERMENTATION-WASTE

Tgt Ion:168 Resp: 709835

Ion	Ratio	Lower	Upper
168	100		
99	48.2	40.8	61.2

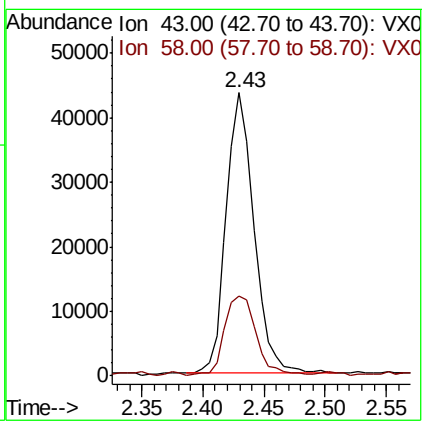


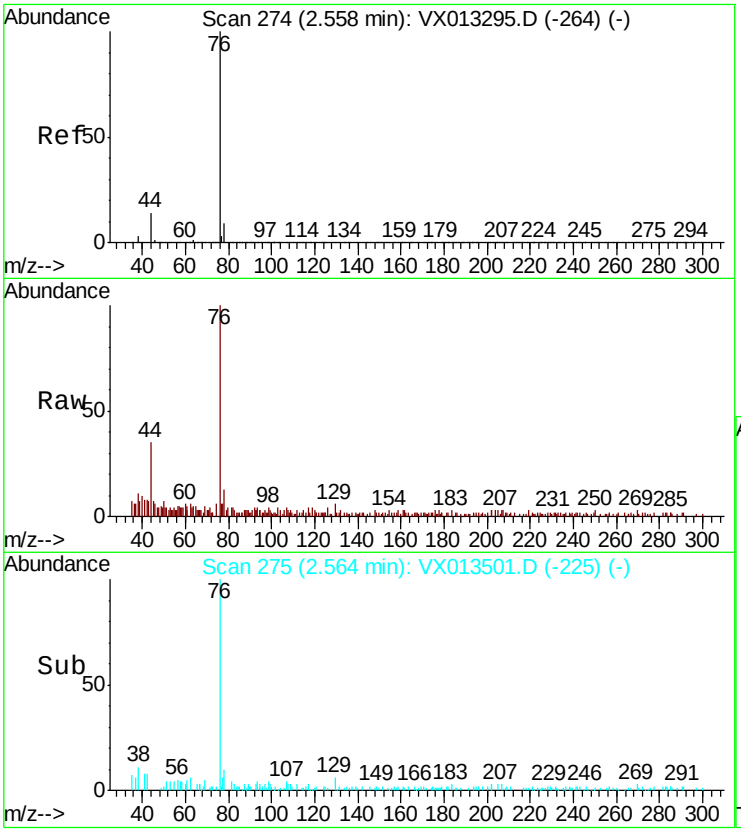


#16
Acetone
Concen: 16.388 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.00 min
Lab File: VX013501.D
Acq: 21 Nov 2019 14:27

Tgt Ion: 43 Resp: 68739

Ion	Ratio	Lower	Upper
43	100		
58	28.0	24.3	36.5



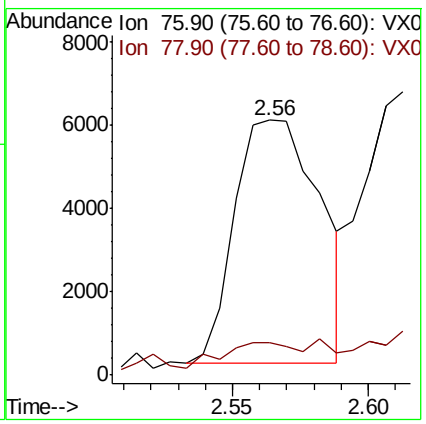


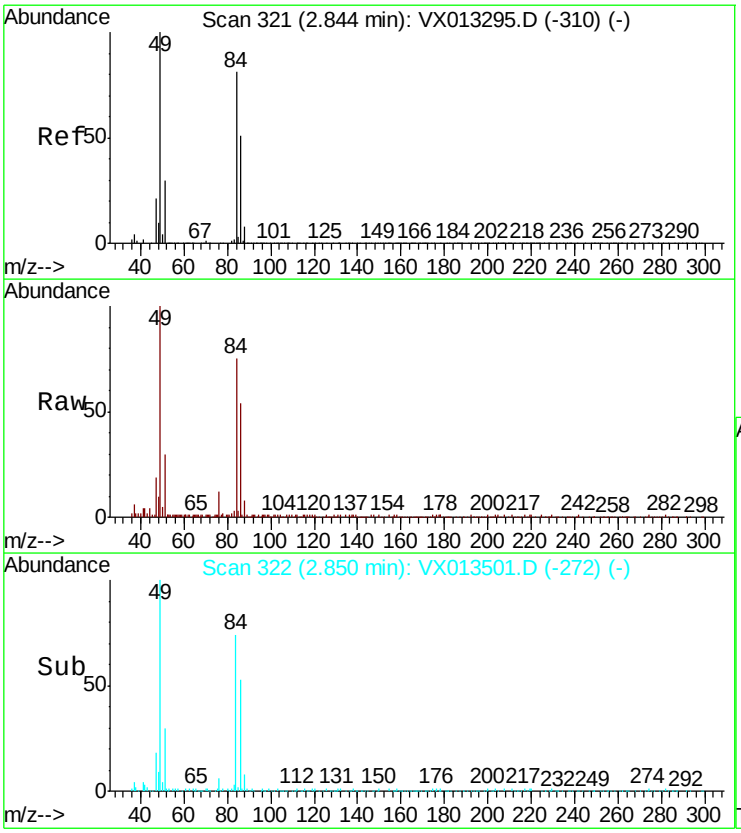
#17
Carbon Disulfide
Concen: 0.727 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX013501.D
Acq: 21 Nov 2019 14:27

Instrument :
MSVOA_X
ClientSampleId :
FERMENTATION-WASTE

Tgt Ion: 76 Resp: 12666

Ion	Ratio	Lower	Upper
76	100		
78	10.6	7.0	10.6#

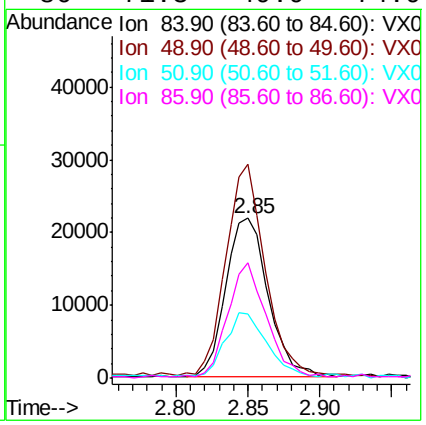


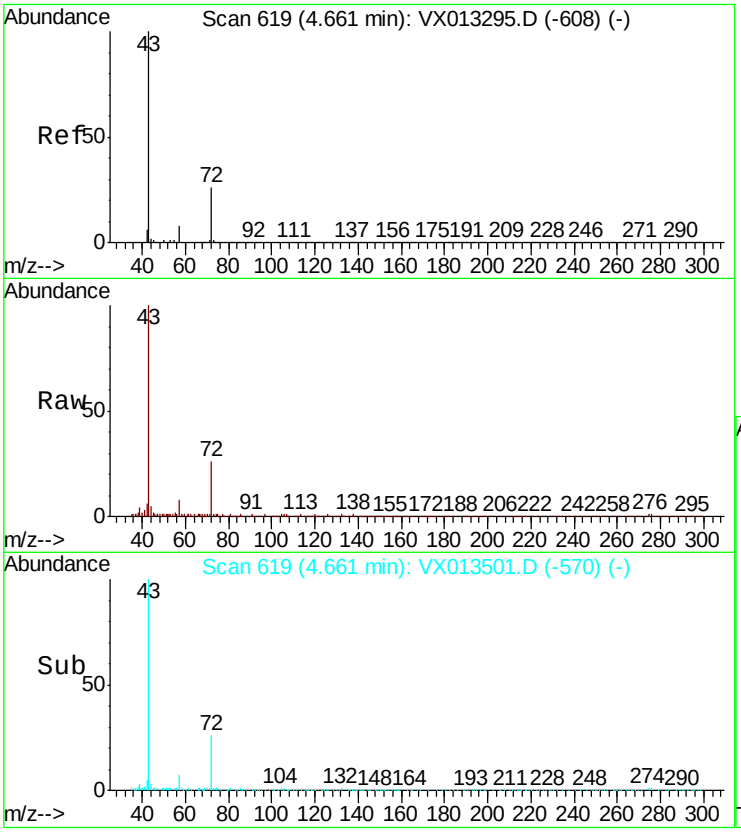


#20
Methylene Chloride
Concen: 5.771 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX013501.D
Acq: 21 Nov 2019 14:27

Tgt Ion: 84 Resp: 44727

Ion	Ratio	Lower	Upper
84	100		
49	132.1	98.2	147.4
51	37.2	29.9	44.9
86	71.3	49.9	74.9



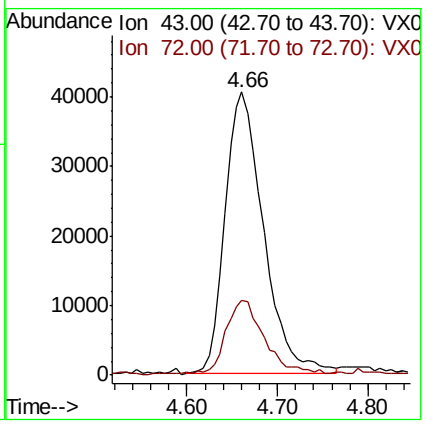


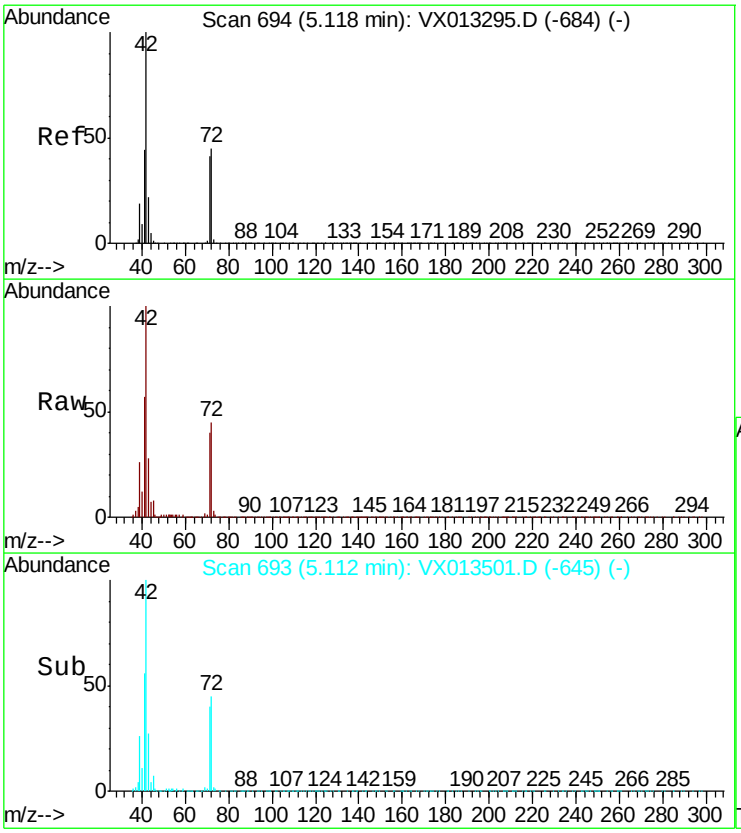
#25
2-Butanone
Concen: 19.253 ug/l
RT: 4.66 min Scan# 619
Delta R.T. -0.00 min
Lab File: VX013501.D
Acq: 21 Nov 2019 14:27

Instrument :
MSVOA_X
ClientSampleId :
FERMENTATION-WASTE

Tgt Ion: 43 Resp: 118470

Ion	Ratio	Lower	Upper
43	100		
72	25.7	21.0	31.6

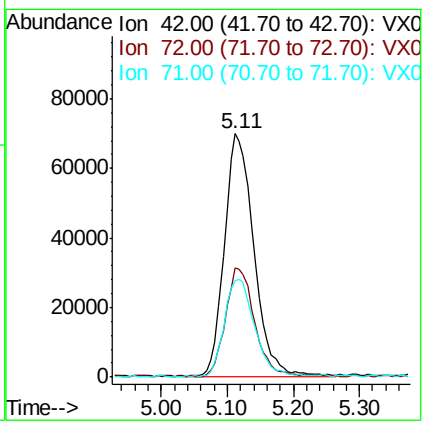


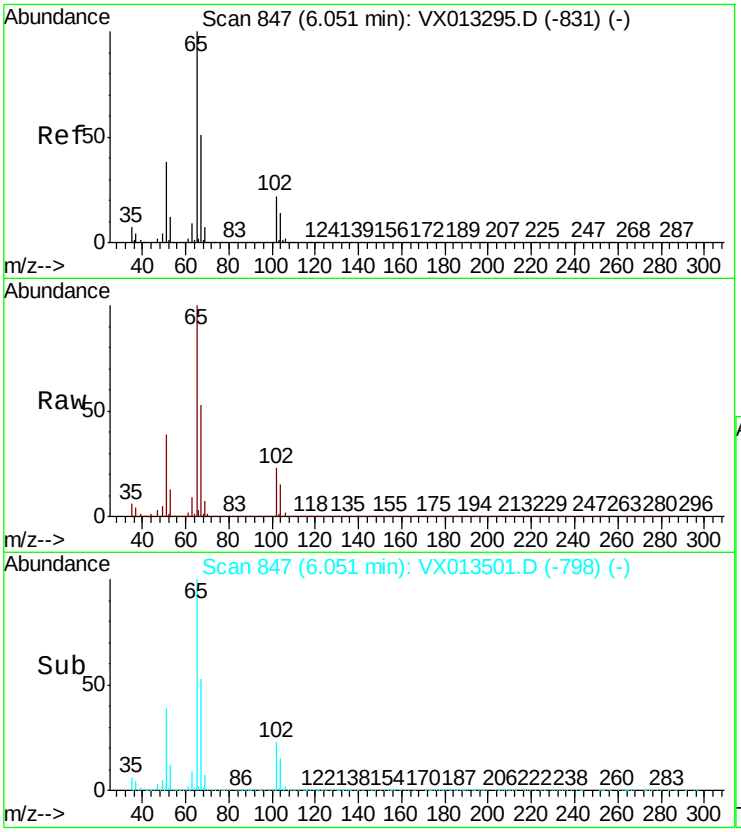


#29
Tetrahydrofuran
Concen: 56.431 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX013501.D
Acq: 21 Nov 2019 14:27

Tgt Ion: 42 Resp: 213985

Ion	Ratio	Lower	Upper
42	100		
72	43.7	35.8	53.8
71	41.3	33.4	50.0



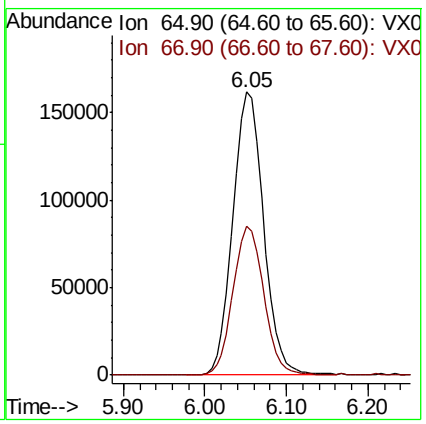


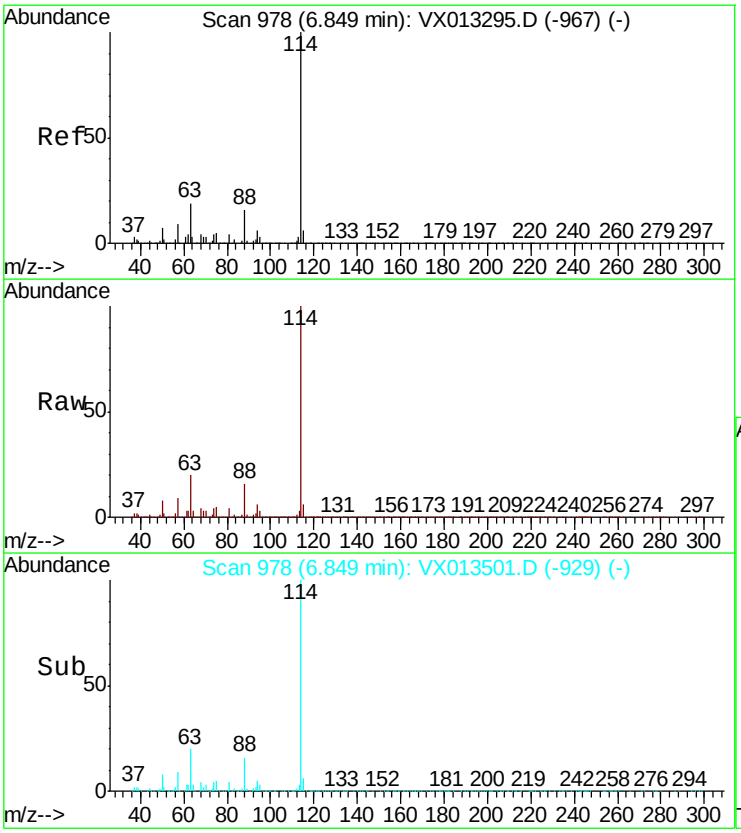
#33
1,2-Dichloroethane-d4
Concen: 50.082 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX013501.D
Acq: 21 Nov 2019 14:27

Instrument :
MSVOA_X
ClientSampleId :
FERMENTATION-WASTE

Tgt Ion: 65 Resp: 421163

Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	104.2

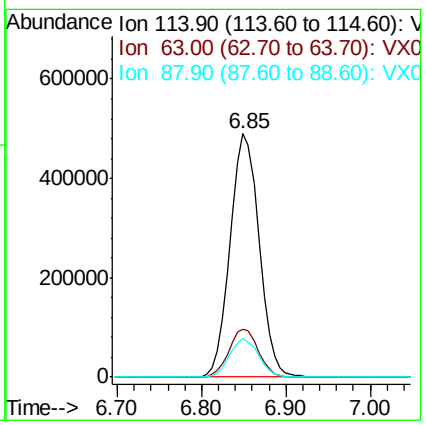


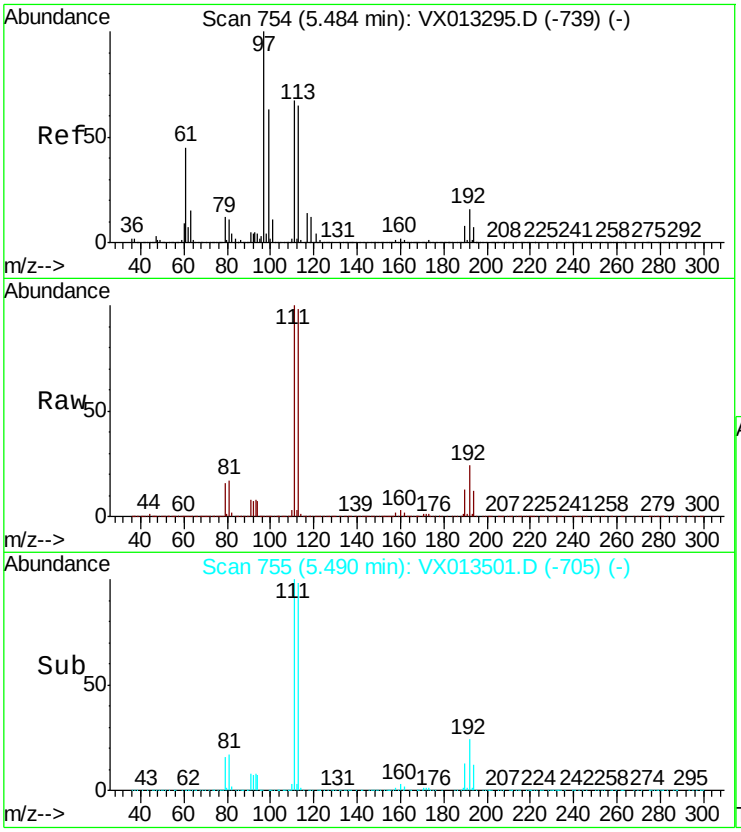


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. -0.00 min
Lab File: VX013501.D
Acq: 21 Nov 2019 14:27

Tgt Ion:114 Resp: 1142148

Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	38.4
88	15.9	0.0	32.2



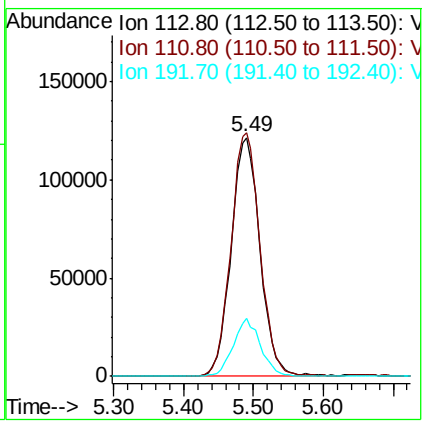


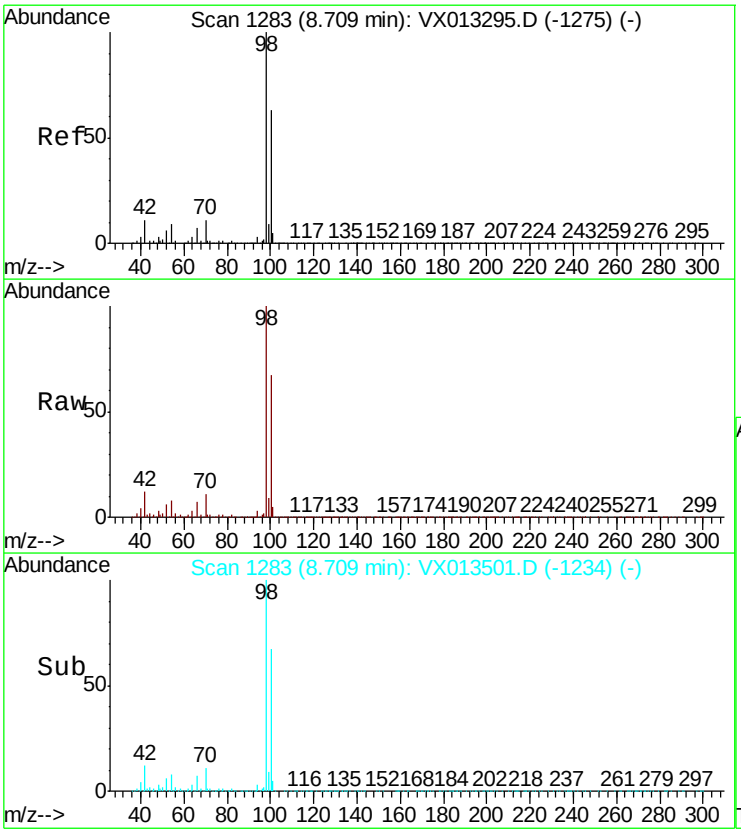
#35
Dibromofluoromethane
Concen: 48.405 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX013501.D
Acq: 21 Nov 2019 14:27

Instrument :
MSVOA_X
ClientSampleId :
FERMENTATION-WASTE

Tgt Ion:113 Resp: 346760

Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.9	122.9
192	23.0	19.1	28.7

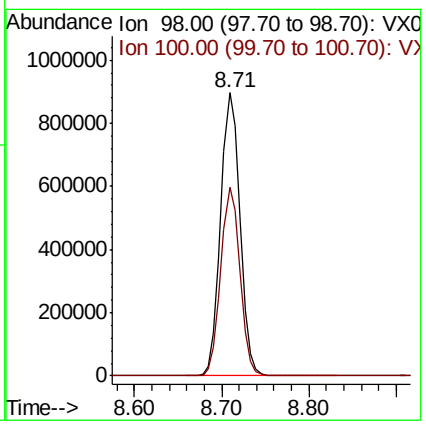


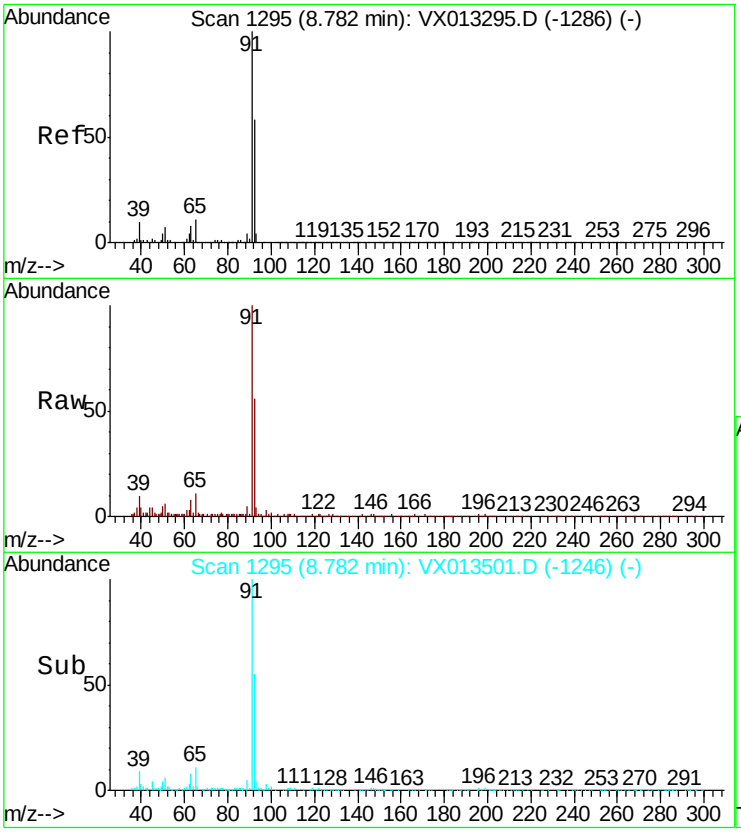


#50
Toluene-d8
Concen: 50.828 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013501.D
Acq: 21 Nov 2019 14:27

Tgt Ion: 98 Resp: 1372683

Ion	Ratio	Lower	Upper
98	100		
100	66.0	52.2	78.2



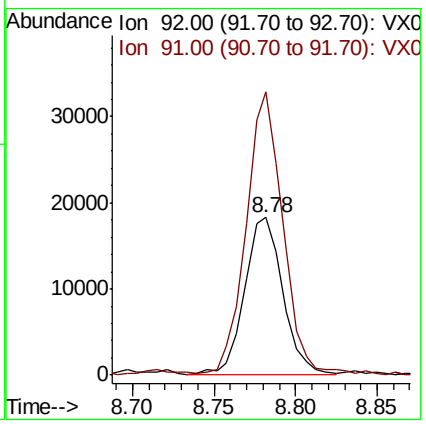


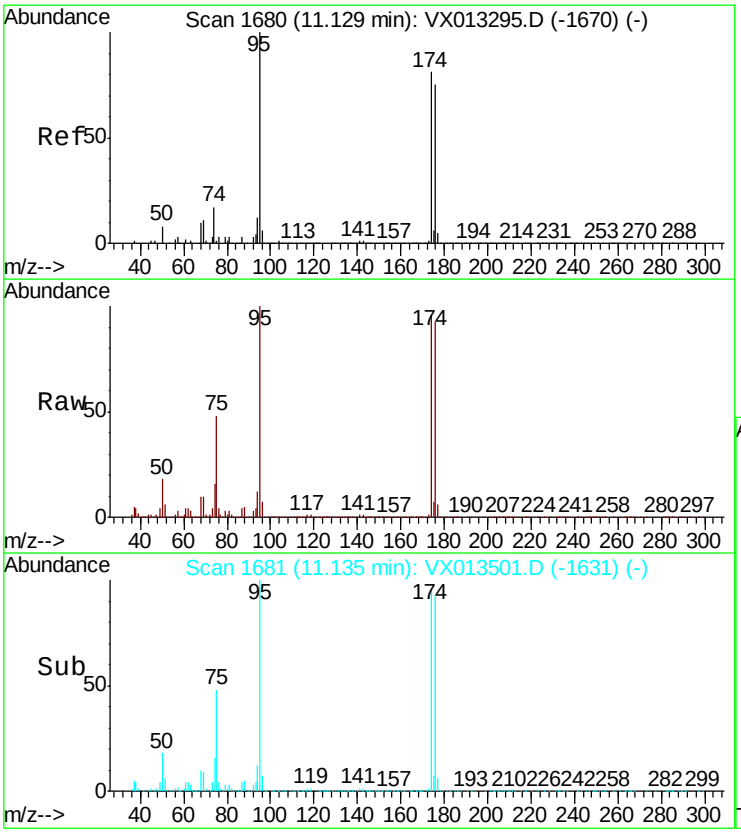
#52
Toluene
Concen: 1.581 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. -0.00 min
Lab File: VX013501.D
Acq: 21 Nov 2019 14:27

Instrument :
MSVOA_X
ClientSampleId :
FERMENTATION-WASTE

Tgt Ion: 92 Resp: 29907

Ion	Ratio	Lower	Upper
92	100		
91	171.1	138.0	207.0

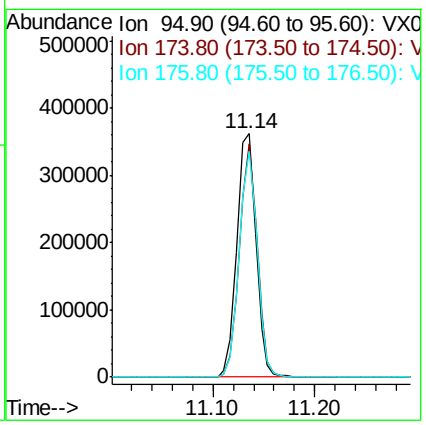


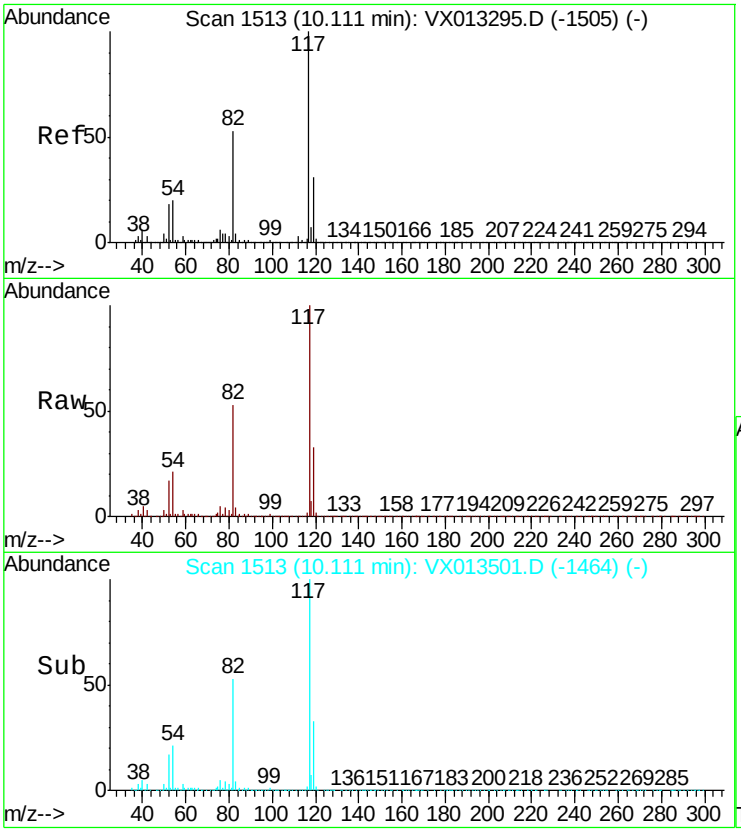


#62
4-Bromofluorobenzene
Concen: 47.918 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX013501.D
Acq: 21 Nov 2019 14:27

Tgt Ion: 95 Resp: 467049

Ion	Ratio	Lower	Upper
95	100		
174	89.4	0.0	179.8
176	87.7	0.0	173.0



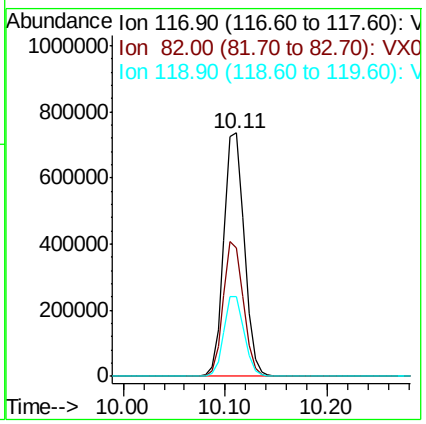


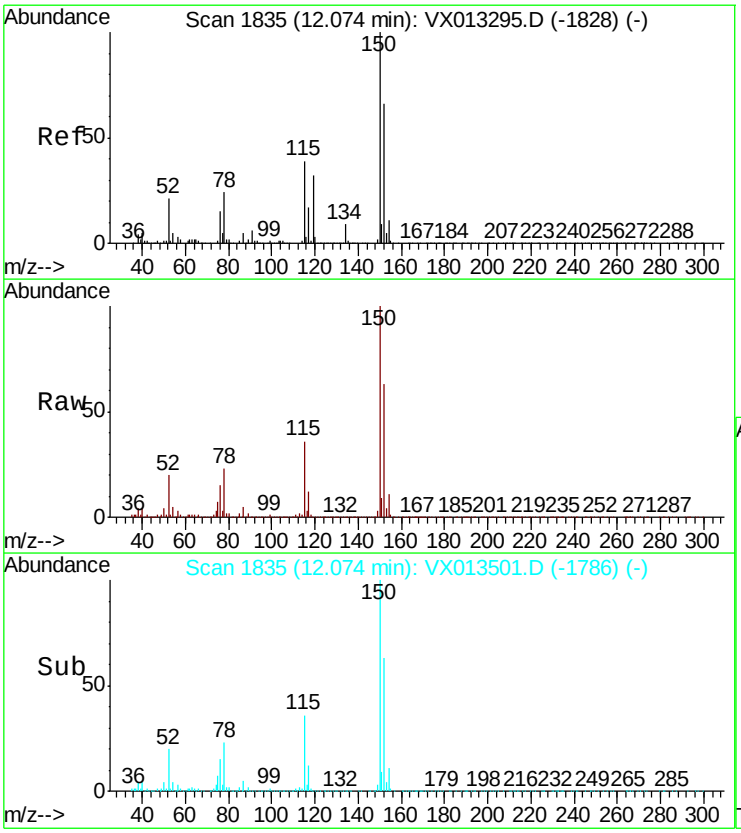
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013501.D
Acq: 21 Nov 2019 14:27

Instrument :
MSVOA_X
ClientSampleId :
FERMENTATION-WASTE

Tgt Ion:117 Resp: 1025618

Ion	Ratio	Lower	Upper
117	100		
82	52.9	42.6	64.0
119	32.8	24.8	37.2

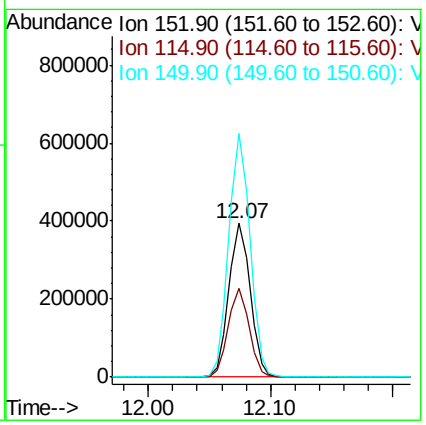


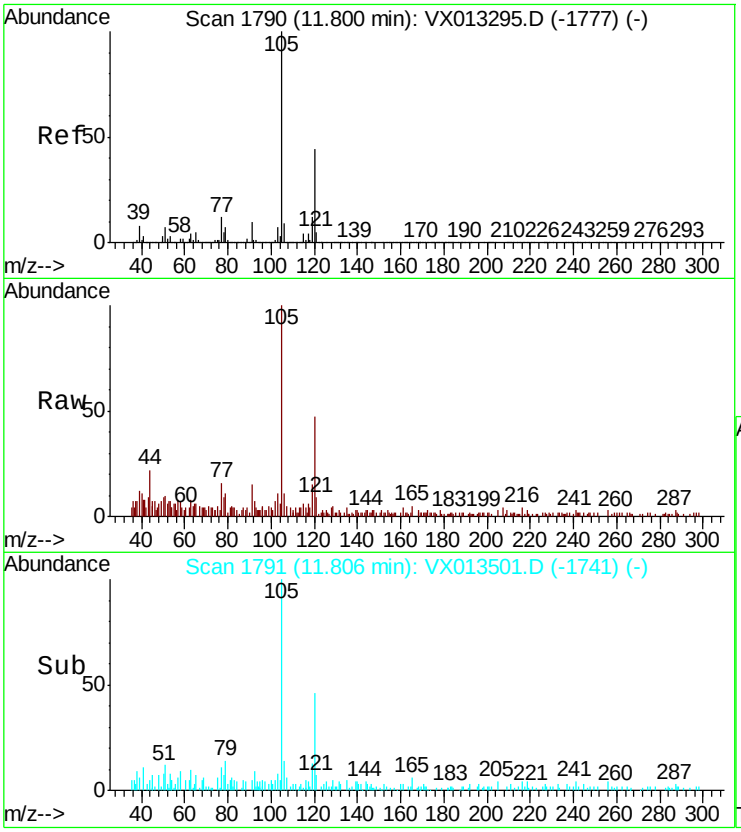


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013501.D
Acq: 21 Nov 2019 14:27

Tgt Ion:152 Resp: 473583

Ion	Ratio	Lower	Upper
152	100		
115	56.3	39.5	118.3
150	158.3	0.0	344.4





#84
1,2,4-Trimethylbenzene
Concen: 0.289 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. 0.01 min
Lab File: VX013501.D
Acq: 21 Nov 2019 14:27

Instrument :
MSVOA_X
ClientSampleId :
FERMENTATION-WASTE

Tgt Ion:105 Resp: 7587

Ion	Ratio	Lower	Upper
105	100		
120	51.1	22.7	68.1