Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX051920\
Data File : VX016341.D
Acq On : 19 May 2020 17:41
Operator : JC/SP
Sample : L2663-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 1381

Quant Time: May 20 07:26:06 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	256684	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	427227	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	403237	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	200844	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	152476	45.14	ug/l	0.00
Spiked Amount 50.000			Recovery = 90.28%			
35) Dibromofluoromethane	5.47	113	128183	47.36	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.72%			
50) Toluene-d8	8.70	98	517309	49.60	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.20%			
62) 4-Bromofluorobenzene	11.12	95	200984	50.67	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.34%			
Target Compounds						Qvalue
11) Tert butyl alcohol	3.01	59	4290	5.023	ug/l	98
16) Acetone	2.42	43	26190	17.378	ug/l	99
20) Methylene Chloride	2.84	84	2278	0.733	ug/l #	78
25) 2-Butanone	4.64	43	12459	5.130	ug/l	99
52) Toluene	8.77	92	63050	8.220	ug/l	99
67) Ethyl Benzene	10.24	91	14815	0.983	ug/l	96
70) Styrene	10.70	104	8707	0.946	ug/l	93

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

Quantitation Report (QT/LSC Reviewed)

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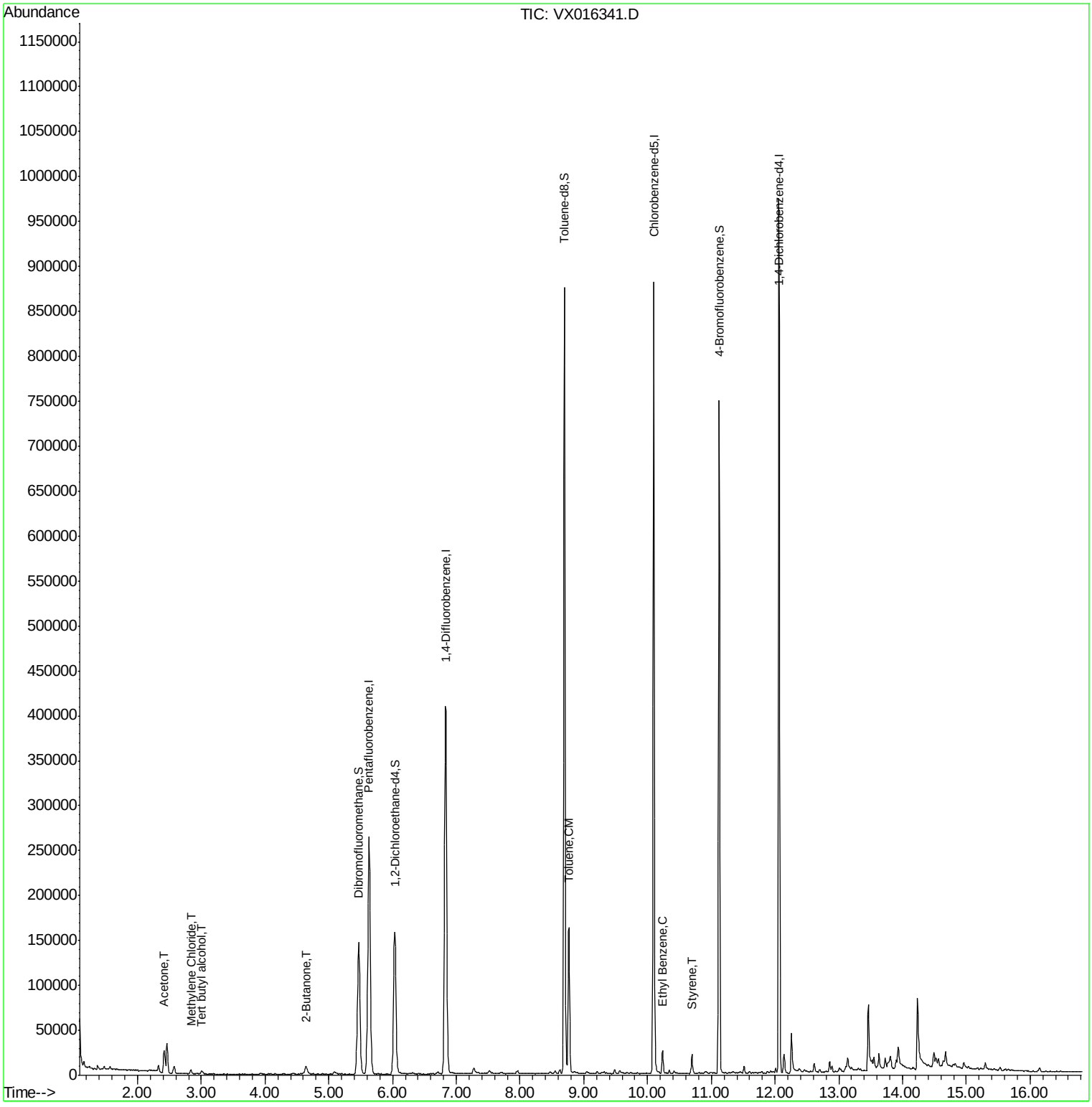
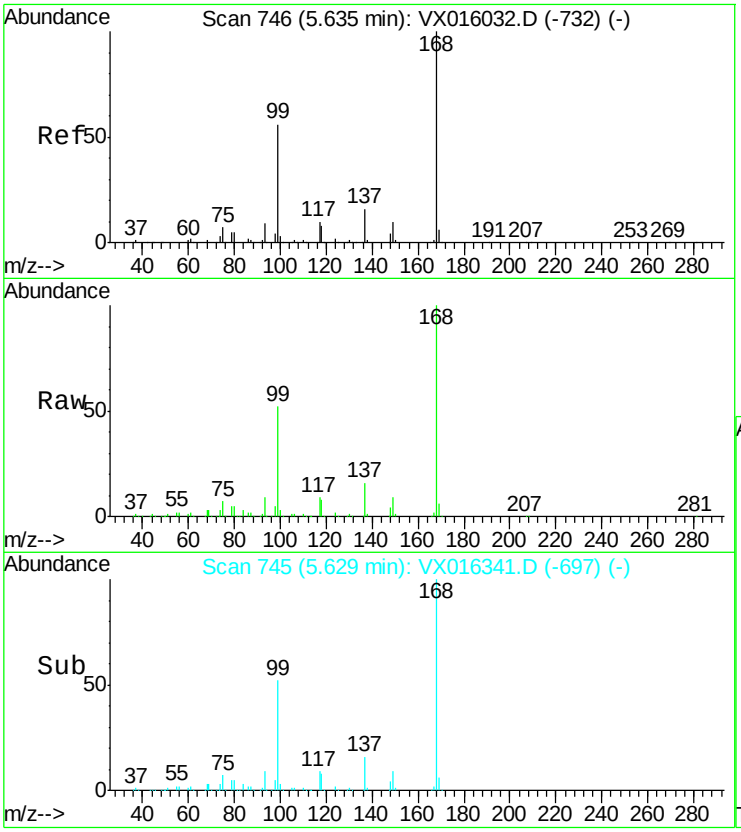


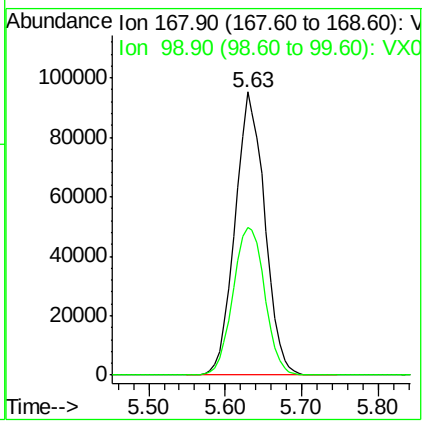


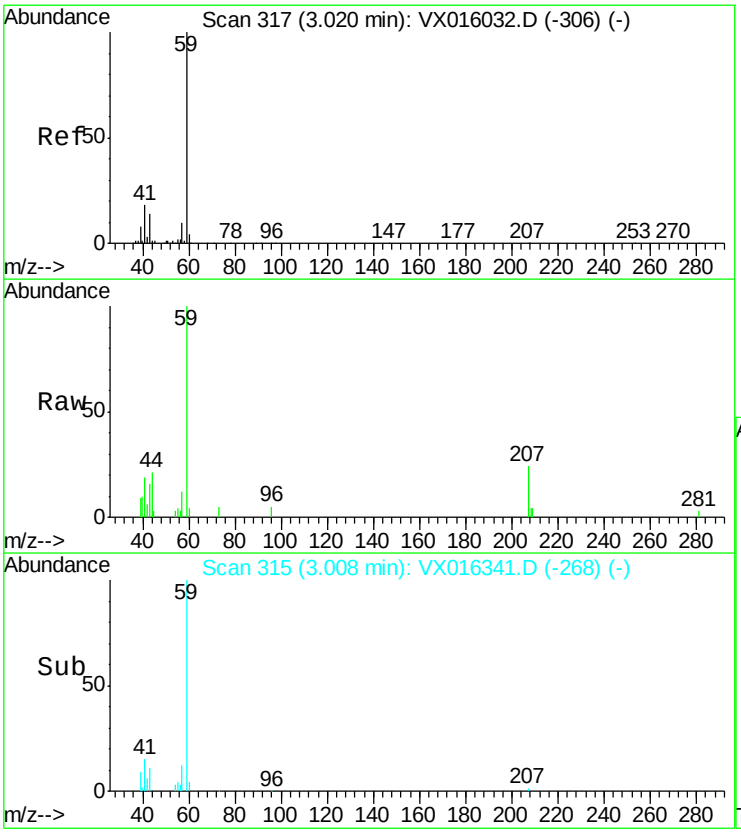
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.01 min
Lab File: VX016341.D
Acq: 19 May 2020 17:41

Instrument :
MSVOA_X
ClientSampleId :
1381

Tgt Ion:168 Resp: 256684

Ion	Ratio	Lower	Upper
168	100		
99	52.1	45.0	67.4

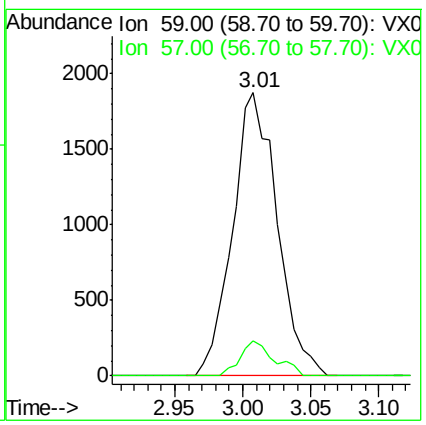


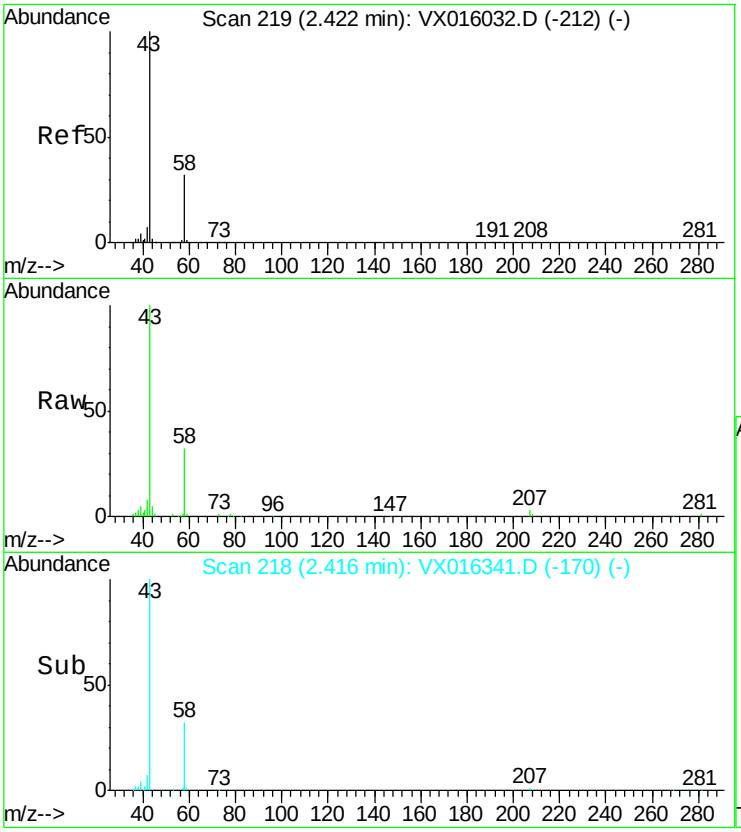


#11
Tert butyl alcohol
Concen: 5.023 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX016341.D
Acq: 19 May 2020 17:41

Tgt Ion: 59 Resp: 4290

Ion	Ratio	Lower	Upper
59	100		
57	9.5	8.2	12.4



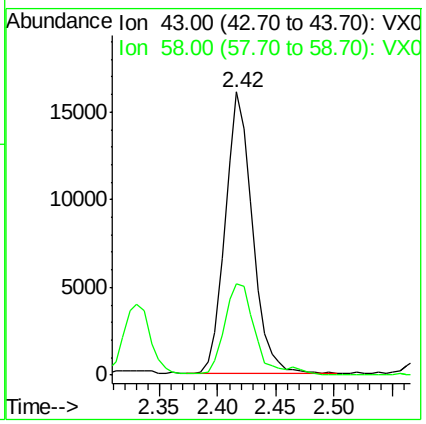


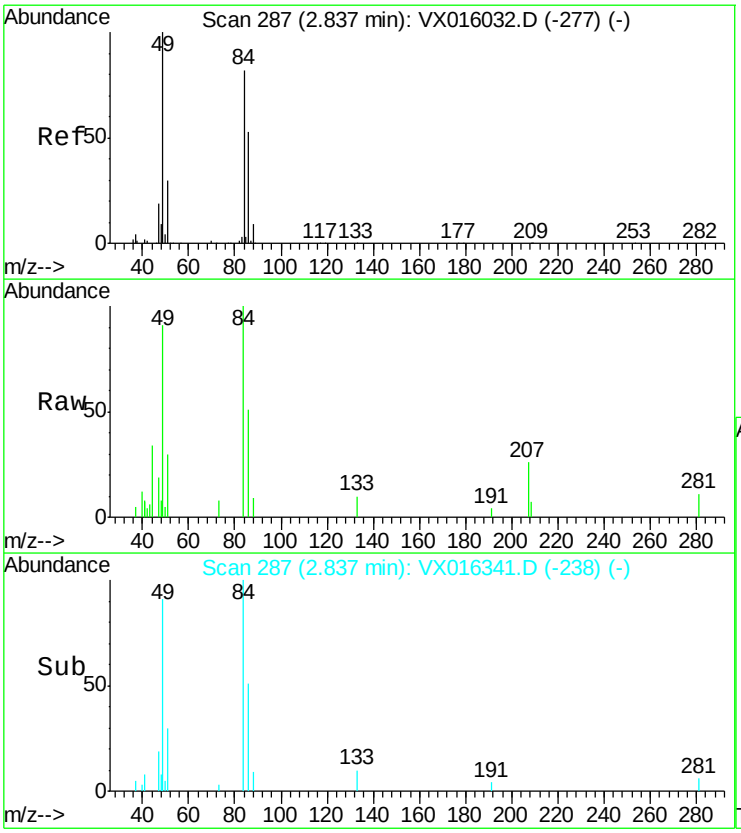
#16
Acetone
Concen: 17.378 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.01 min
Lab File: VX016341.D
Acq: 19 May 2020 17:41

Instrument :
MSVOA_X
ClientSampleId :
1381

Tgt Ion: 43 Resp: 26190

Ion	Ratio	Lower	Upper
43	100		
58	32.3	25.4	38.0

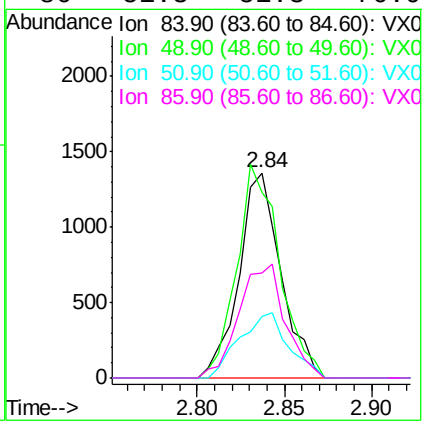


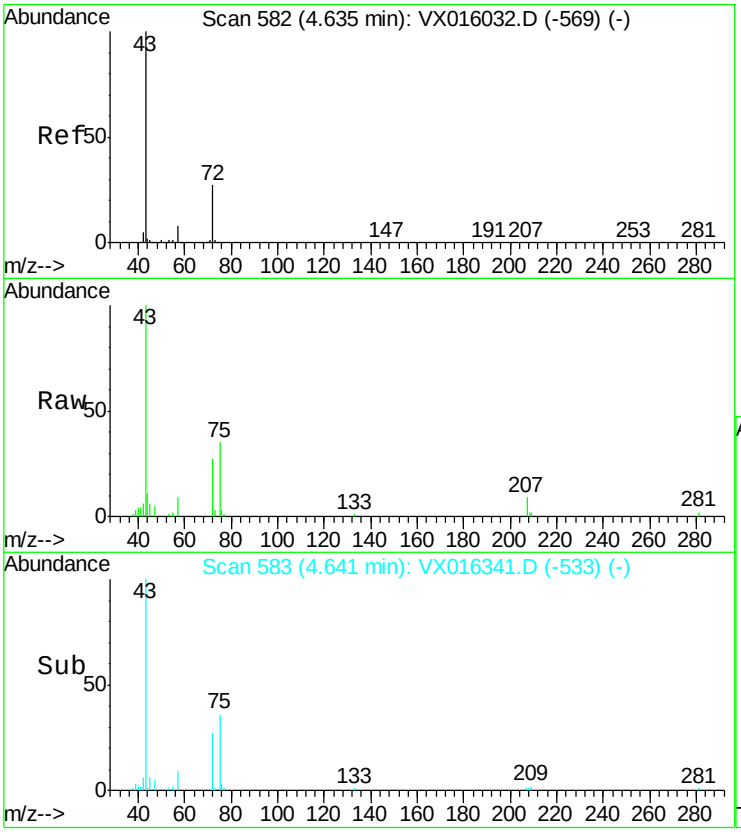


#20
Methylene Chloride
Concen: 0.733 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX016341.D
Acq: 19 May 2020 17:41

Tgt Ion: 84 Resp: 2278

Ion	Ratio	Lower	Upper
84	100		
49	90.8	97.3	145.9#
51	30.2	29.3	43.9
86	51.3	51.3	76.9



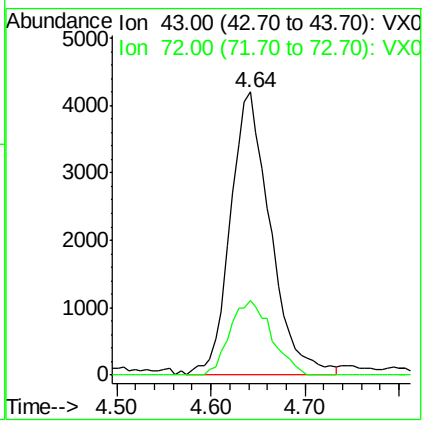


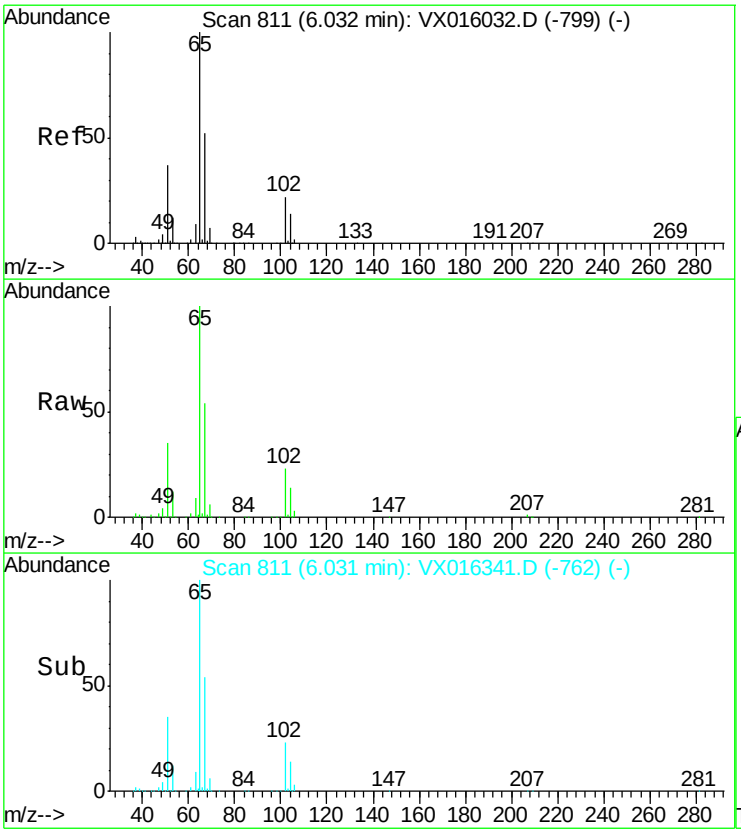
#25
2-Butanone
Concen: 5.130 ug/l
RT: 4.64 min Scan# 583
Delta R.T. 0.01 min
Lab File: VX016341.D
Acq: 19 May 2020 17:41

Instrument :
MSVOA_X
ClientSampleId :
1381

Tgt Ion: 43 Resp: 12459

Ion	Ratio	Lower	Upper
43	100		
72	26.5	21.8	32.8

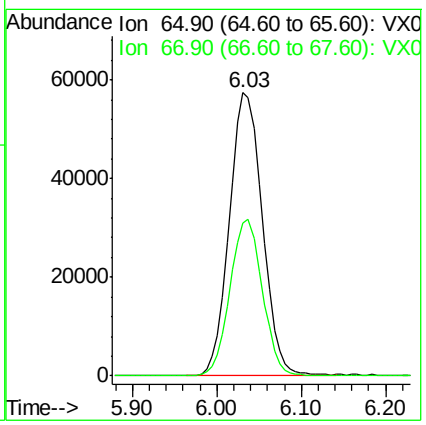


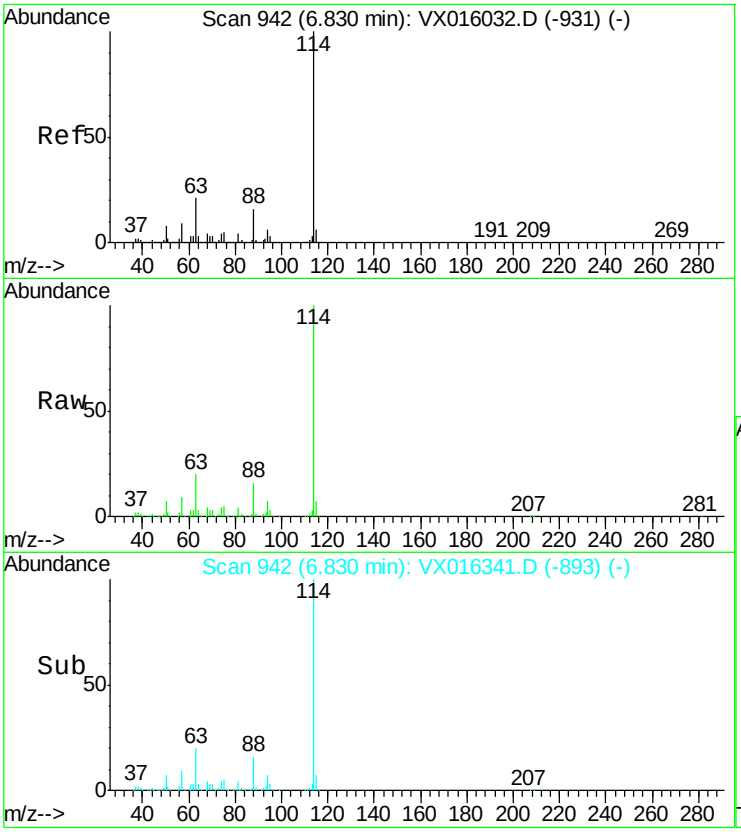


#33
1,2-Dichloroethane-d4
Concen: 45.142 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX016341.D
Acq: 19 May 2020 17:41

Tgt Ion: 65 Resp: 152476

Ion	Ratio	Lower	Upper
65	100		
67	54.1	0.0	104.8



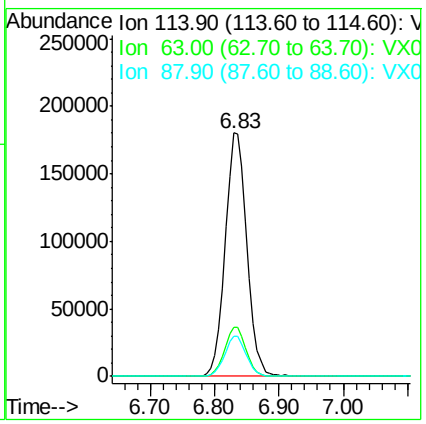


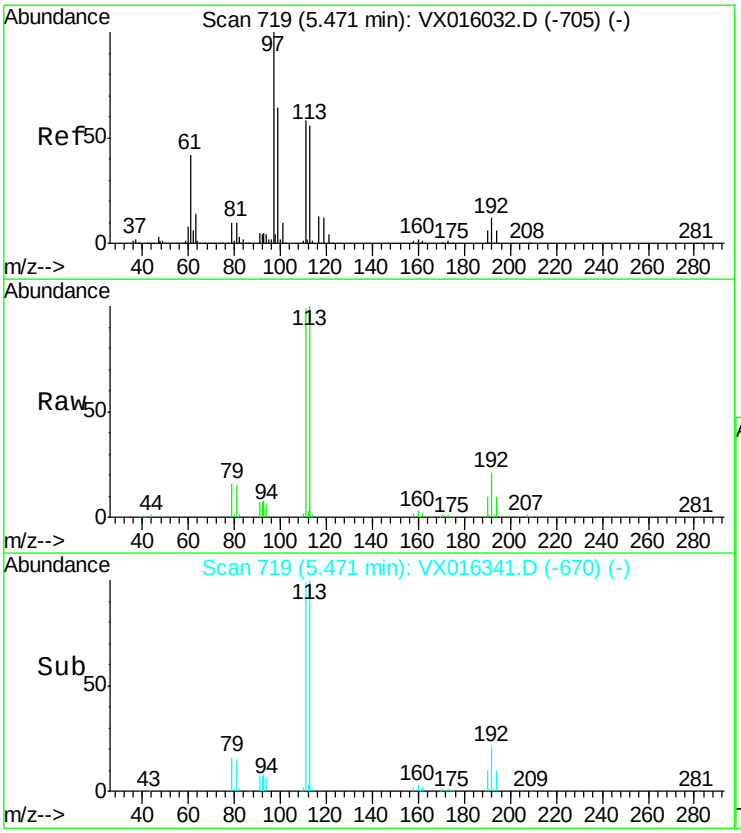
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. -0.00 min
Lab File: VX016341.D
Acq: 19 May 2020 17:41

Instrument :
MSVOA_X
ClientSampleId :
1381

Tgt Ion:114 Resp: 427227

Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	42.8
88	16.4	0.0	31.4

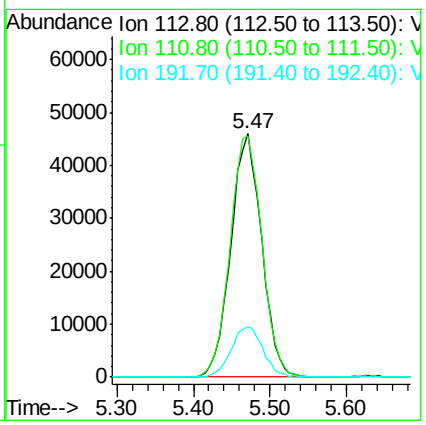


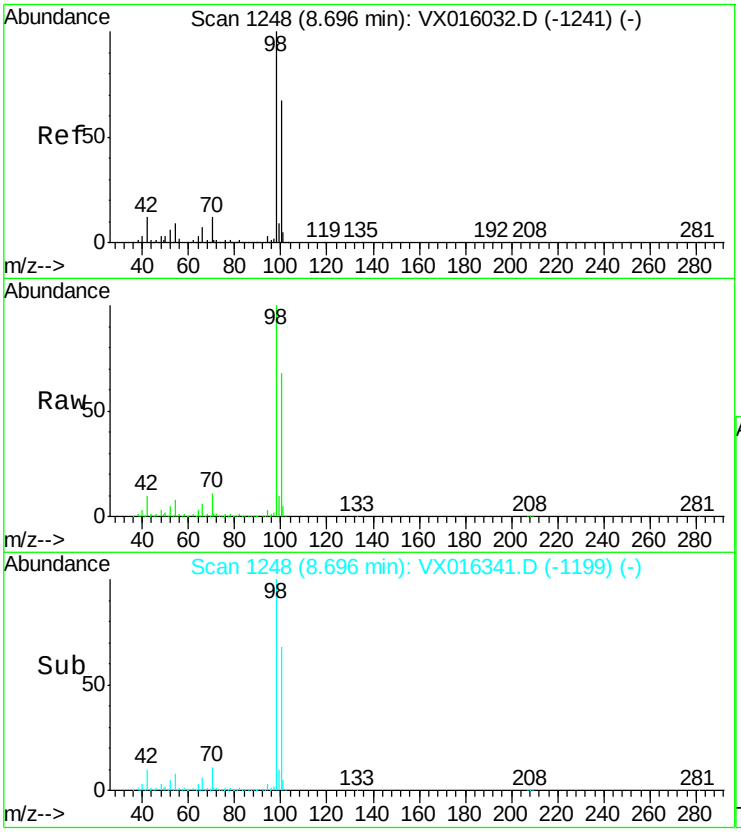


#35
Dibromofluoromethane
Concen: 47.358 ug/l
RT: 5.47 min Scan# 719
Delta R.T. -0.00 min
Lab File: VX016341.D
Acq: 19 May 2020 17:41

Tgt Ion:113 Resp: 128183

Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.6	122.4
192	21.4	17.0	25.4



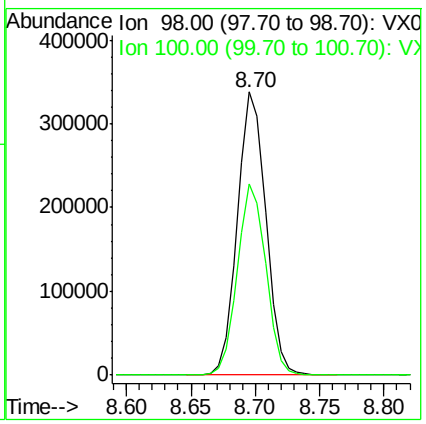


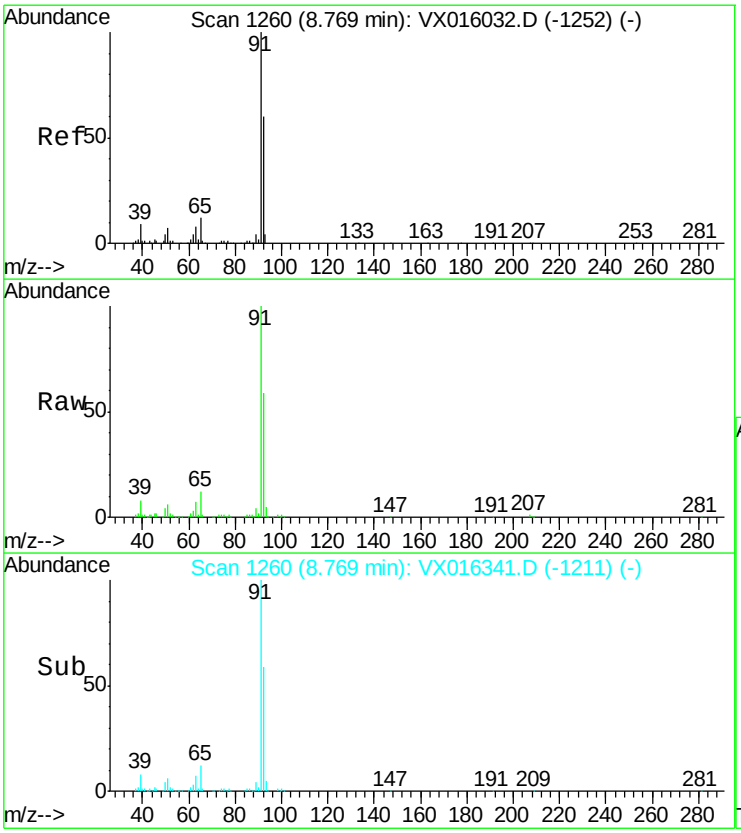
#50
Toluene-d8
Concen: 49.603 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016341.D
Acq: 19 May 2020 17:41

Instrument :
MSVOA_X
ClientSampleId :
1381

Tgt Ion: 98 Resp: 517309

Ion	Ratio	Lower	Upper
98	100		
100	67.7	53.7	80.5

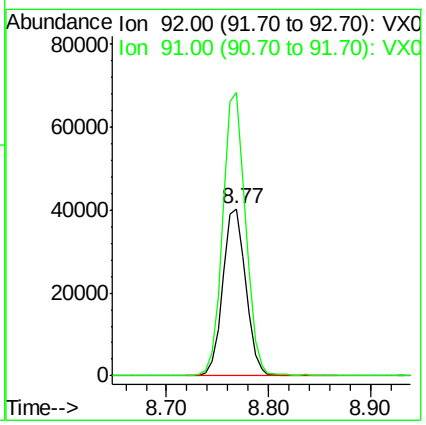


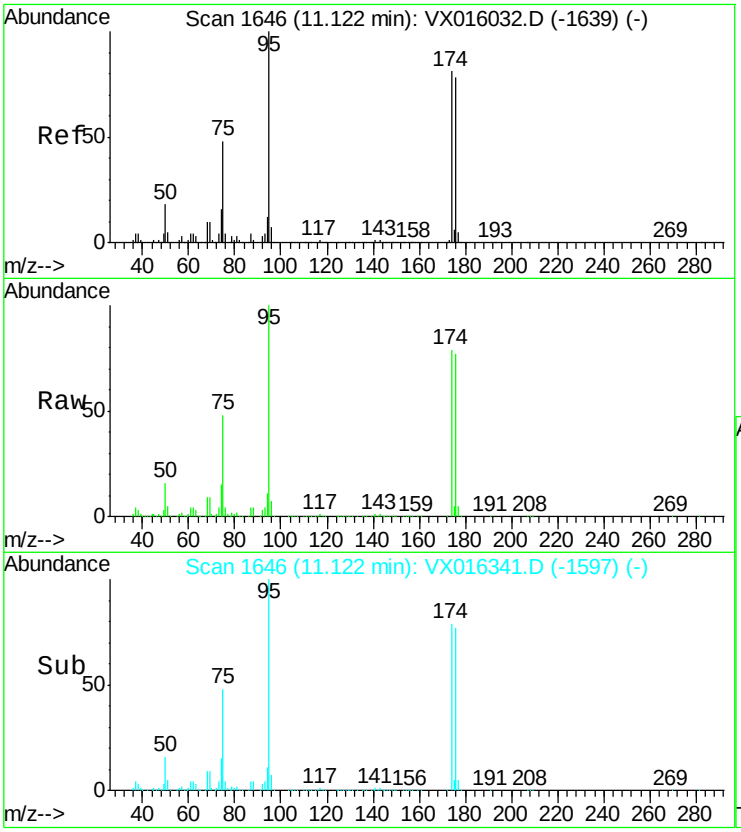


#52
Toluene
Concen: 8.220 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. -0.00 min
Lab File: VX016341.D
Acq: 19 May 2020 17:41

Tgt Ion: 92 Resp: 63050

Ion	Ratio	Lower	Upper
92	100		
91	167.3	134.5	201.7



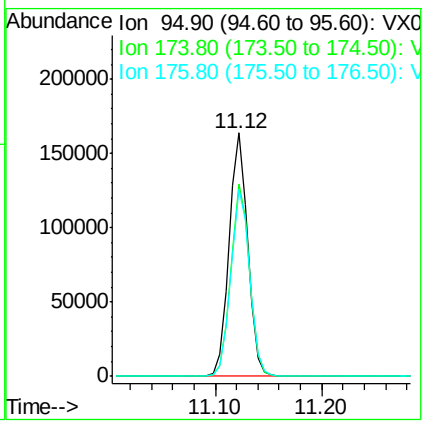


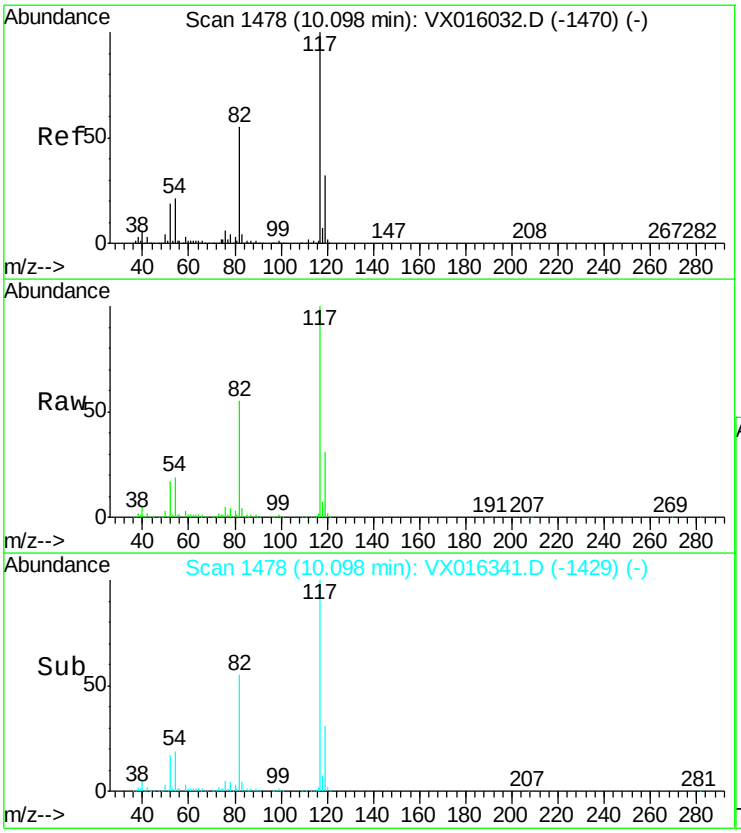
#62
4-Bromofluorobenzene
Concen: 50.668 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX016341.D
Acq: 19 May 2020 17:41

Instrument :
MSVOA_X
ClientSampleId :
1381

Tgt Ion: 95 Resp: 200984

Ion	Ratio	Lower	Upper
95	100		
174	79.4	0.0	159.4
176	78.0	0.0	157.6

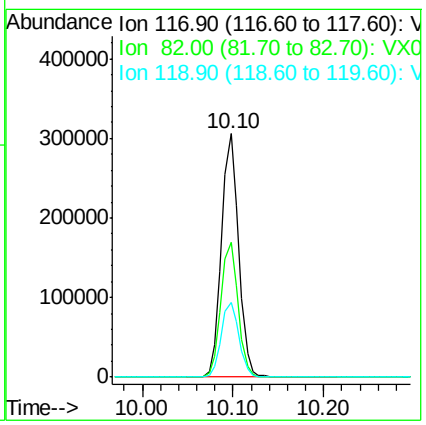


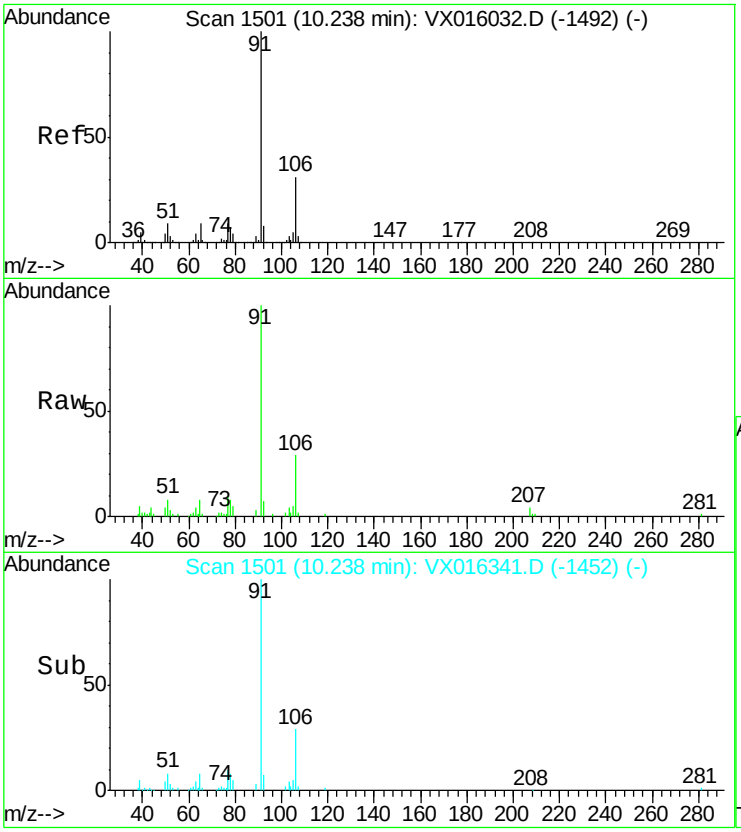


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016341.D
Acq: 19 May 2020 17:41

Tgt Ion:117 Resp: 403237

Ion	Ratio	Lower	Upper
117	100		
82	55.5	44.4	66.6
119	30.6	25.5	38.3



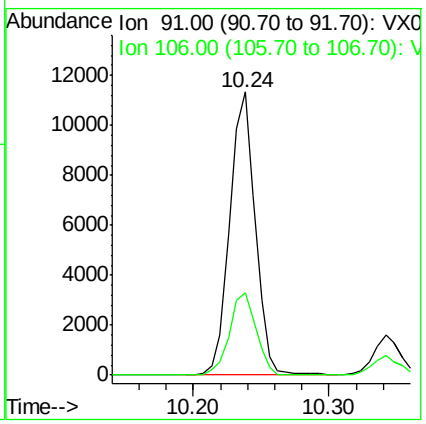


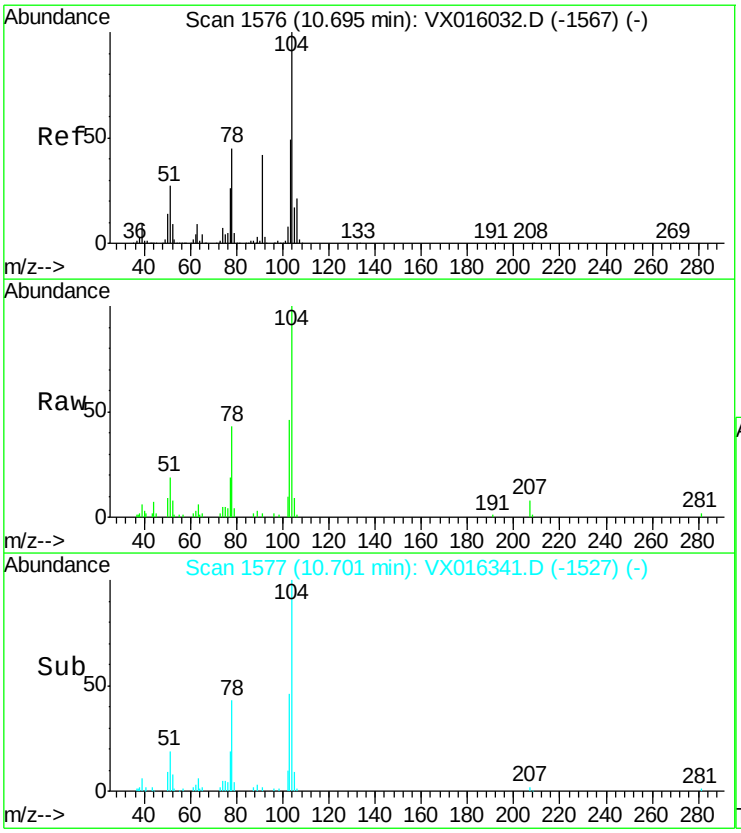
#67
Ethyl Benzene
Concen: 0.983 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX016341.D
Acq: 19 May 2020 17:41

Instrument : MSVOA_X
ClientSampleId : 1381

Tgt Ion: 91 Resp: 14815

Ion	Ratio	Lower	Upper
91	100		
106	29.1	25.1	37.7

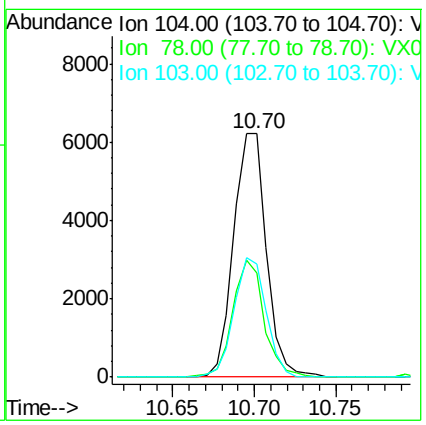


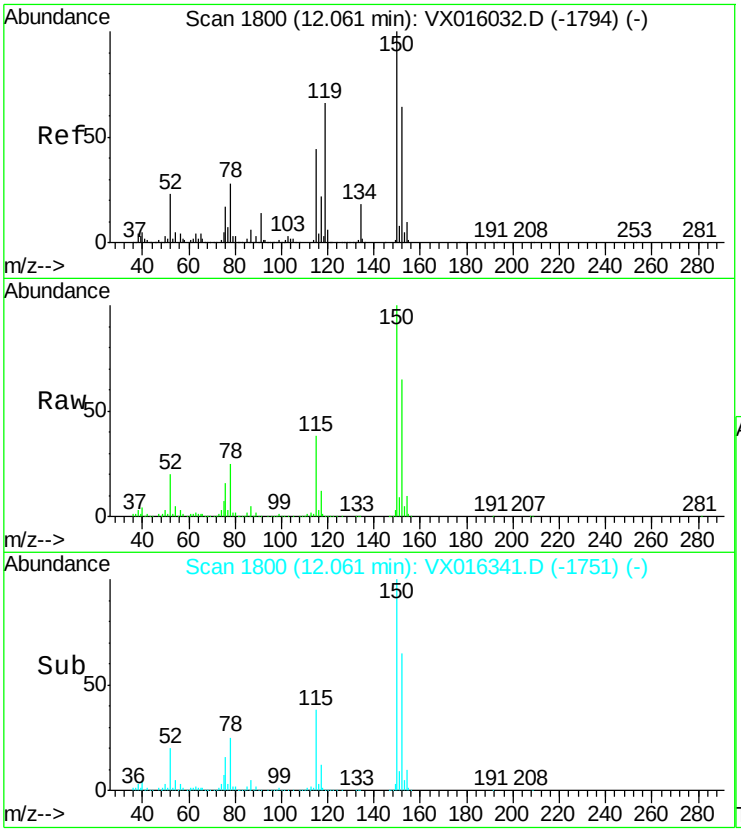


#70
Styrene
Concen: 0.946 ug/l
RT: 10.70 min Scan# 1577
Delta R.T. 0.01 min
Lab File: VX016341.D
Acq: 19 May 2020 17:41

Tgt Ion:104 Resp: 8707

Ion	Ratio	Lower	Upper
104	100		
78	46.2	40.2	60.2
103	48.1	43.0	64.6





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016341.D
Acq: 19 May 2020 17:41

Instrument :
MSVOA_X
ClientSampleId :
1381

Tgt Ion:152 Resp: 200844

Ion	Ratio	Lower	Upper
152	100		
115	58.3	41.3	124.1
150	155.8	0.0	352.2