Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY011720\
Data File : VY001270.D
Acq On : 17 Jan 2020 17:11
Operator : SY/MD
Sample : L1016-05
Misc : 7.67G/5ML/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : SU-03-011520

Quant Time: Jan 18 03:25:17 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 10 16:01:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.82	168	178207	50.00	ug/l		0.02
34) 1,4-Difluorobenzene	8.71	114	318228	50.00	ug/l		0.02
63) Chlorobenzene-d5	11.50	117	265806	50.00	ug/l		0.01
72) 1,4-Dichlorobenzene-d4	13.43	152	98905	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.17	65	99244	52.73	ug/l		0.02
Spiked Amount 50.000			Recovery = 105.46%				
35) Dibromofluoromethane	7.75	113	93394	50.13	ug/l		0.02
Spiked Amount 50.000			Recovery = 100.26%				
50) Toluene-d8	10.19	98	364522	50.77	ug/l		0.01
Spiked Amount 50.000			Recovery = 101.54%				
62) 4-Bromofluorobenzene	12.49	95	116026	39.53	ug/l		0.01
Spiked Amount 50.000			Recovery = 79.06%				
Target Compounds							Qvalue
16) Acetone	3.99	43	1720	3.93	ug/l		94
20) Methylene Chloride	4.74	84	14159	1.60	ug/l		90
29) Tetrahydrofuran	7.38	42	514	1.10	ug/l	#	72
31) Cyclohexane	7.81	56	3883	1.07	ug/l	#	9
36) 1,1-Dichloropropene	7.82	75	13631	4.70	ug/l	#	48
38) Carbon Tetrachloride	7.82	117	16800	6.32	ug/l	#	14
52) Toluene	10.25	92	6804	1.26	ug/l		97
67) Ethyl Benzene	11.60	91	22404	2.31	ug/l		97
68) m/p-Xylenes	11.70	106	21402	5.84	ug/l		98
69) o-Xylene	12.03	106	26073	7.42	ug/l		99
73) Isopropylbenzene	12.33	105	12054	1.62	ug/l		99
76) 1,2,3-Trichloropropane	12.49	75	57170	54.00	ug/l	#	100
78) n-propylbenzene	12.68	91	37987	4.25	ug/l		100
79) 2-Chlorotoluene	12.74	91	14346	2.79	ug/l	#	42
80) 1,3,5-Trimethylbenzene	12.82	105	72561	11.70	ug/l		99
81) trans-1,4-Dichloro-2-buten	12.49	75	57170	91.57	ug/l	#	6
82) 4-Chlorotoluene	12.82	91	6992	1.28	ug/l	#	42
83) tert-Butylbenzene	13.13	119	22770	4.37	ug/l	#	66
84) 1,2,4-Trimethylbenzene	13.13	105	197744	32.10	ug/l		99
85) sec-Butylbenzene	13.26	105	29402	3.92	ug/l		93
86) p-Isopropyltoluene	13.38	119	24600	3.78	ug/l		99
89) n-Butylbenzene	13.70	91	37956	5.79	ug/l	#	76
90) Hexachloroethane	13.98	117	15102	11.87	ug/l	#	14
92) 1,2-Dibromo-3-Chloropropan	14.34	75	1111	3.94	ug/l	#	2
95) Naphthalene	15.24	128	42108	9.51	ug/l	#	92

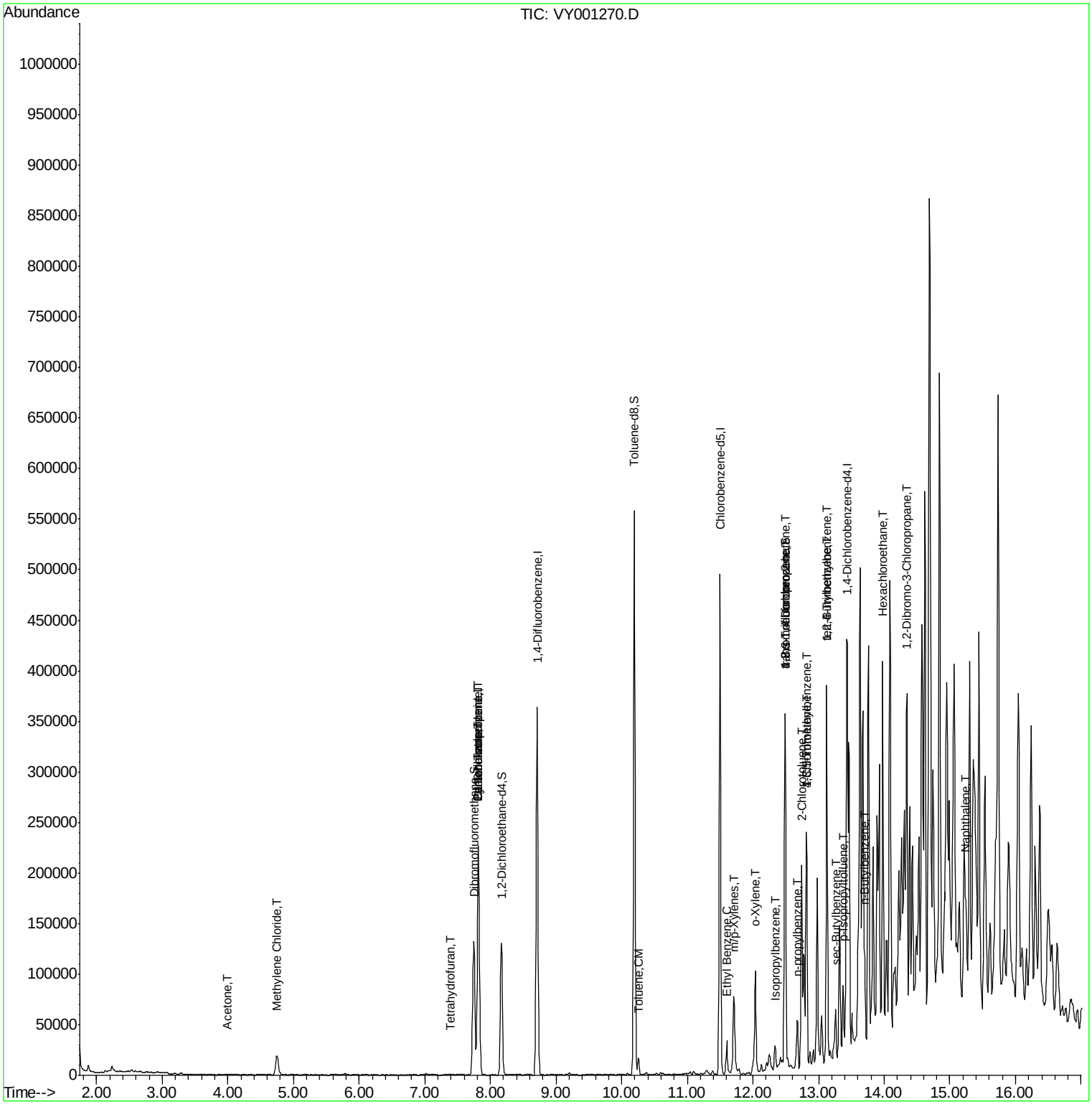
(#) = qualifier out of range (m) = manual integration (+) = signals summed

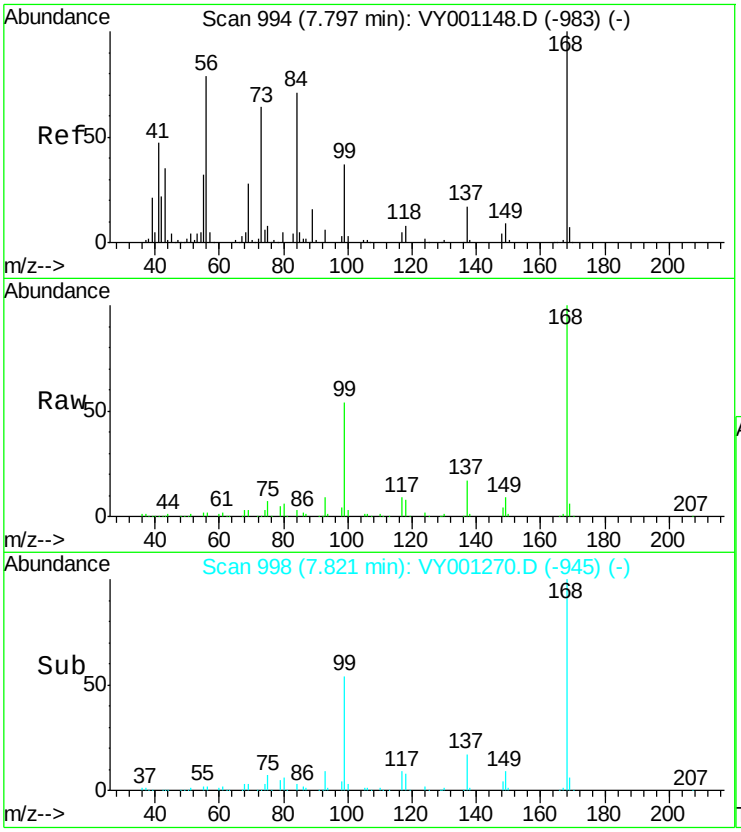
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY011720\
Data File : VY001270.D
Acq On : 17 Jan 2020 17:11
Operator : SY/MD
Sample : L1016-05
Misc : 7.67G/5ML/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SU-03-011520

Quant Time: Jan 18 03:25:17 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 10 16:01:58 2020
Response via : Initial Calibration



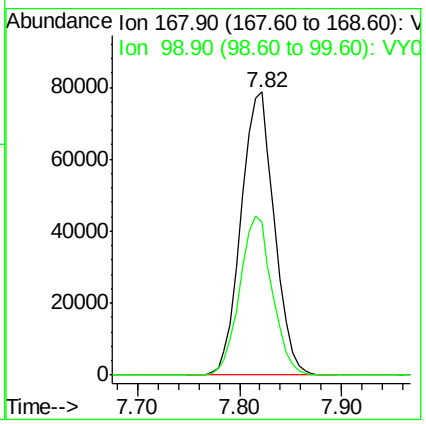


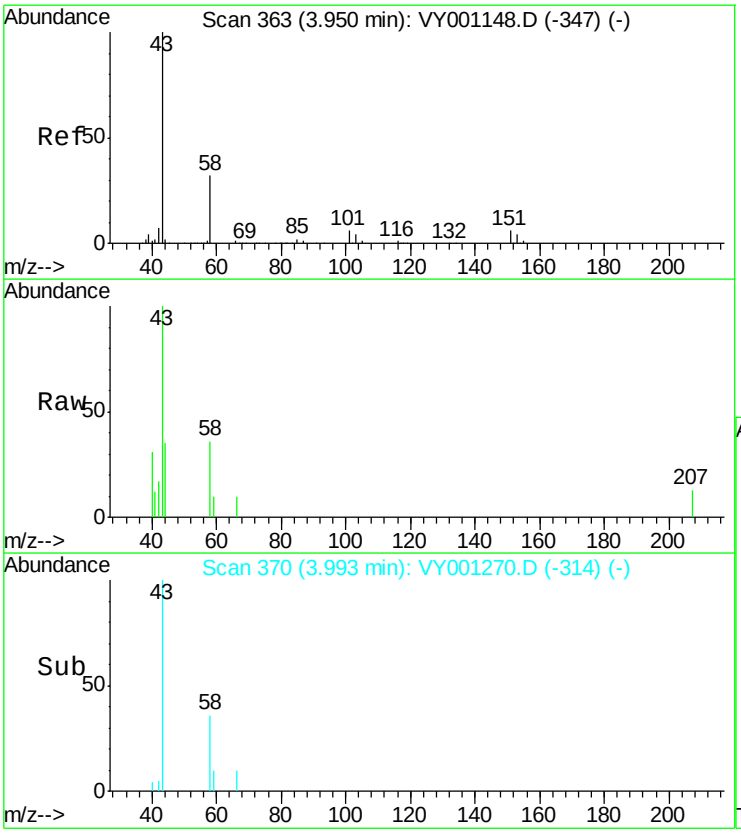
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.82 min Scan# 998
Delta R.T. 0.02 min
Lab File: VY001270.D
Acq: 17 Jan 2020 17:11

Instrument :
MSVOA_Y
ClientSampleId :
SU-03-011520

Tgt Ion:168 Resp: 178207

Ion	Ratio	Lower	Upper
168	100		
99	53.9	47.9	71.9

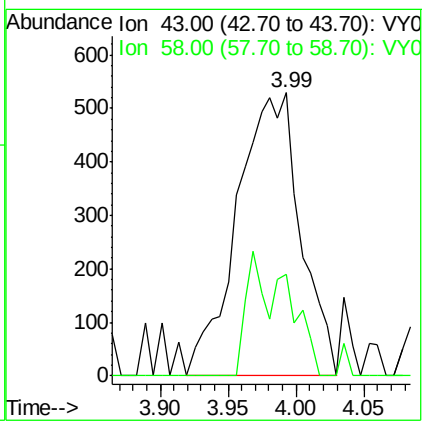


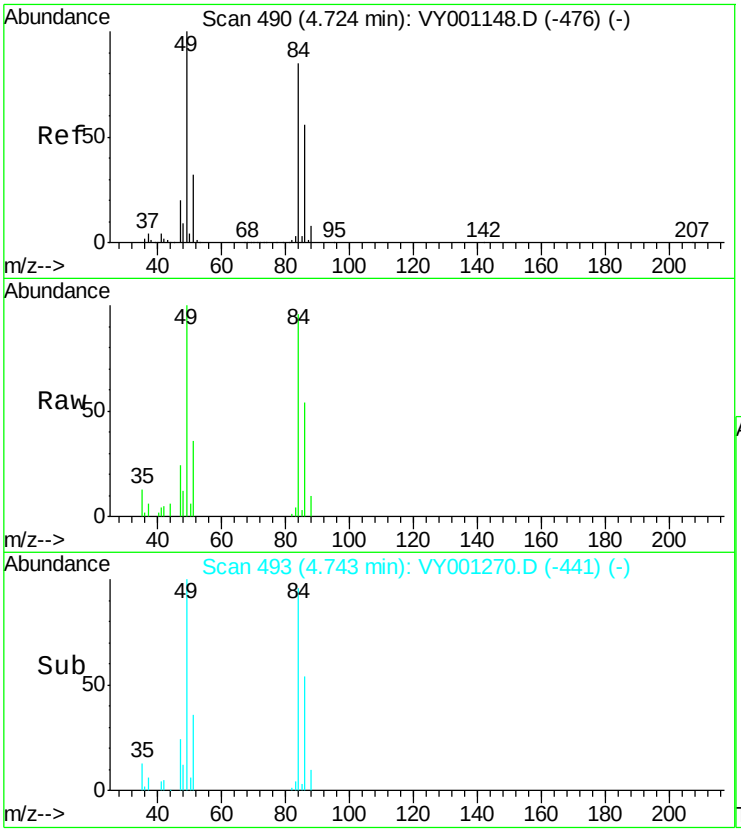


#16
Acetone
Concen: 3.93 ug/l
RT: 3.99 min Scan# 370
Delta R.T. 0.04 min
Lab File: VY001270.D
Acq: 17 Jan 2020 17:11

Tgt Ion: 43 Resp: 1720

Ion	Ratio	Lower	Upper
43	100		
58	35.7	25.8	38.6



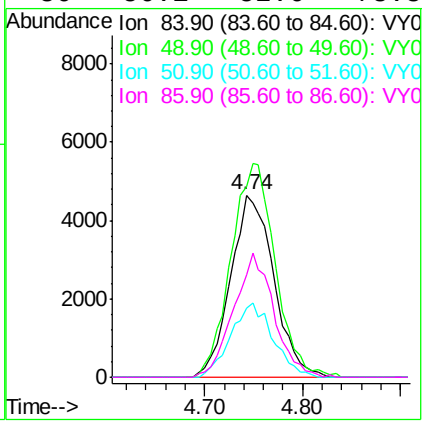


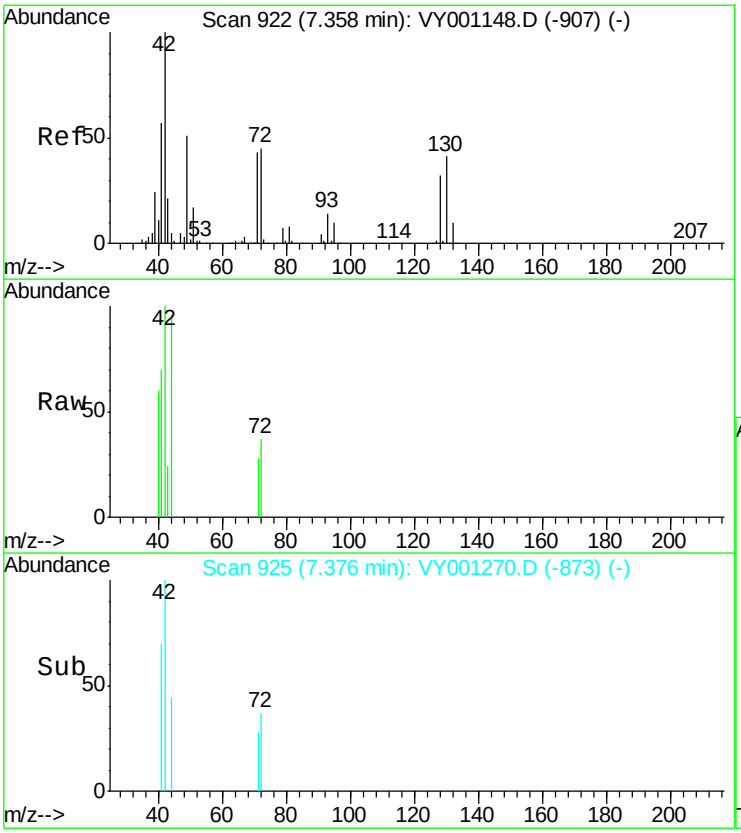
#20
Methylene Chloride
Concen: 1.60 ug/l
RT: 4.74 min Scan# 493
Delta R.T. 0.02 min
Lab File: VY001270.D
Acq: 17 Jan 2020 17:11

Instrument : MSVOA_Y
ClientSampleId : SU-03-011520

Tgt Ion: 84 Resp: 14159

Ion	Ratio	Lower	Upper
84	100		
49	104.6	93.8	140.6
51	37.7	29.9	44.9
86	56.1	52.6	78.8

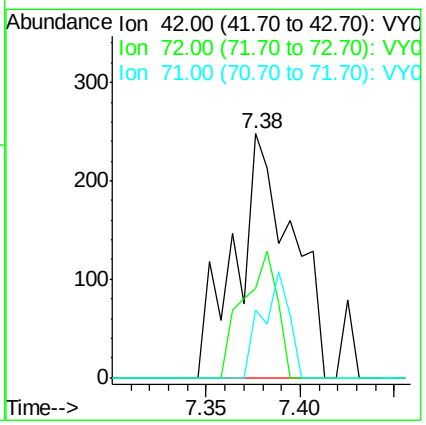


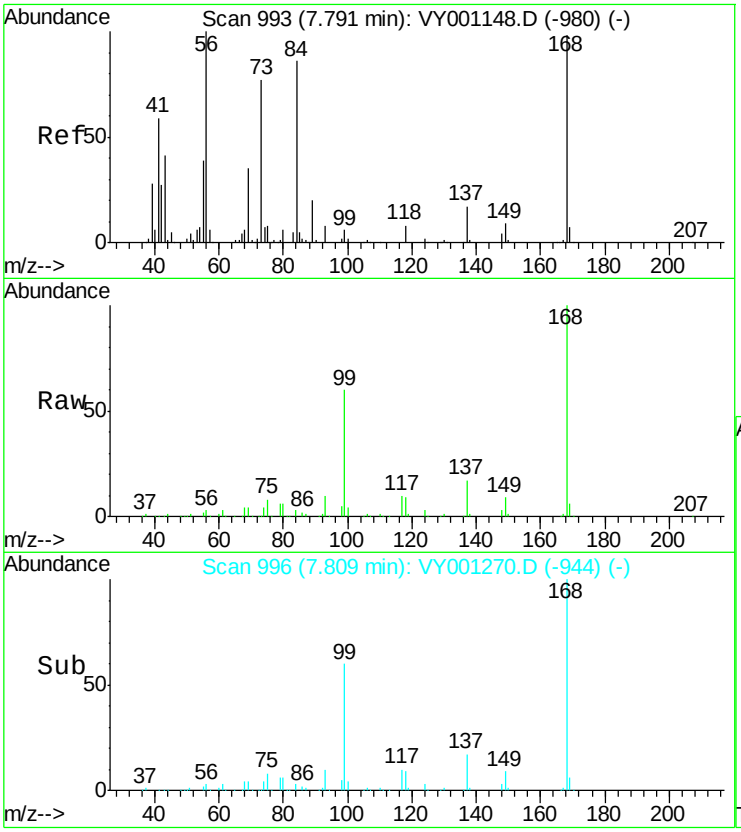


#29
Tetrahydrofuran
Concen: 1.10 ug/l
RT: 7.38 min Scan# 925
Delta R.T. 0.02 min
Lab File: VY001270.D
Acq: 17 Jan 2020 17:11

Tgt Ion: 42 Resp: 514

Ion	Ratio	Lower	Upper
42	100		
72	31.5	36.9	55.3#
71	21.0	34.0	51.0#



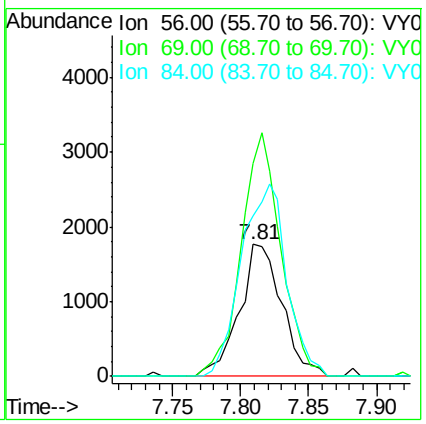


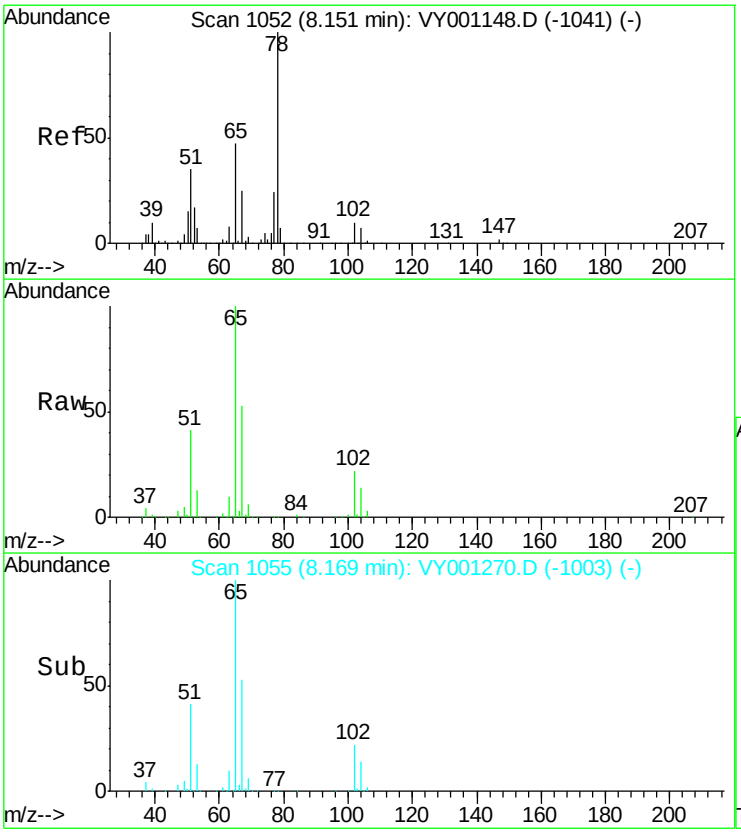
#31
Cyclohexane
Concen: 1.07 ug/l
RT: 7.81 min Scan# 996
Delta R.T. 0.02 min
Lab File: VY001270.D
Acq: 17 Jan 2020 17:11

Instrument : MSVOA_Y
ClientSampleId : SU-03-011520

Tgt Ion: 56 Resp: 3883

Ion	Ratio	Lower	Upper
56	100		
69	161.1	27.8	41.8#
84	122.1	68.9	103.3#

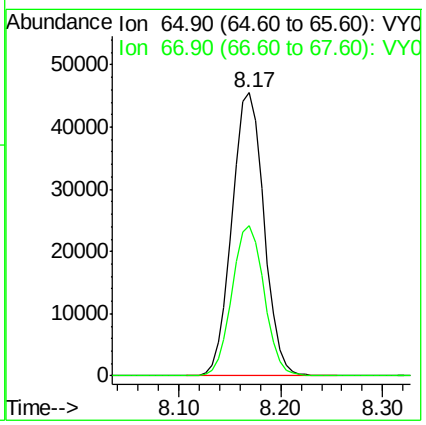


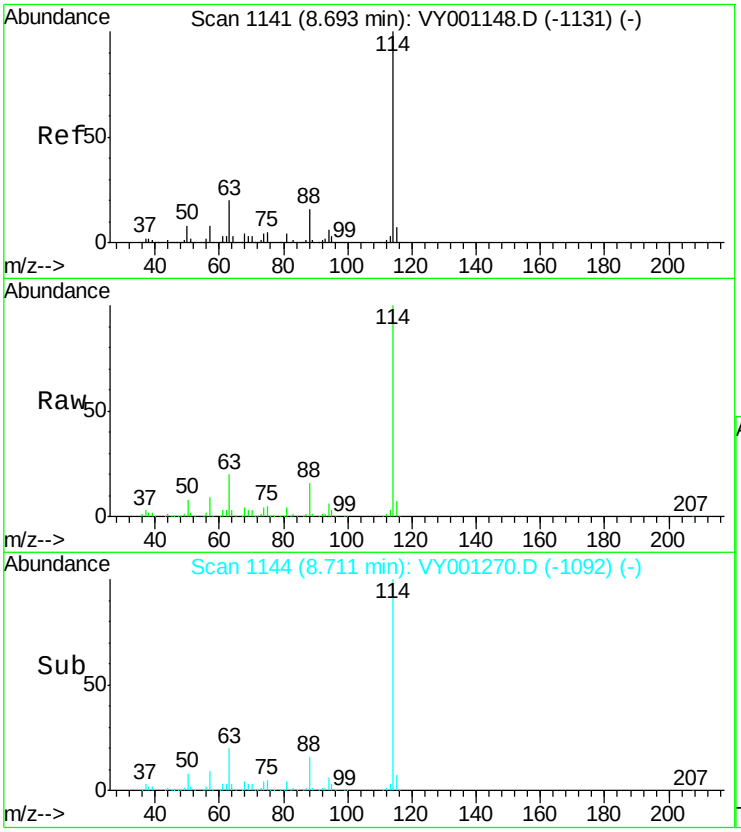


#33
1,2-Dichloroethane-d4
Concen: 52.73 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.02 min
Lab File: VY001270.D
Acq: 17 Jan 2020 17:11

Tgt Ion: 65 Resp: 99244

Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	105.2



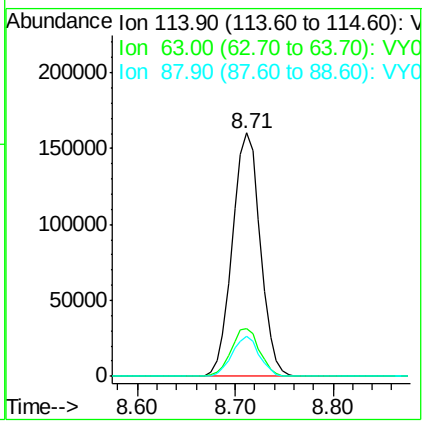


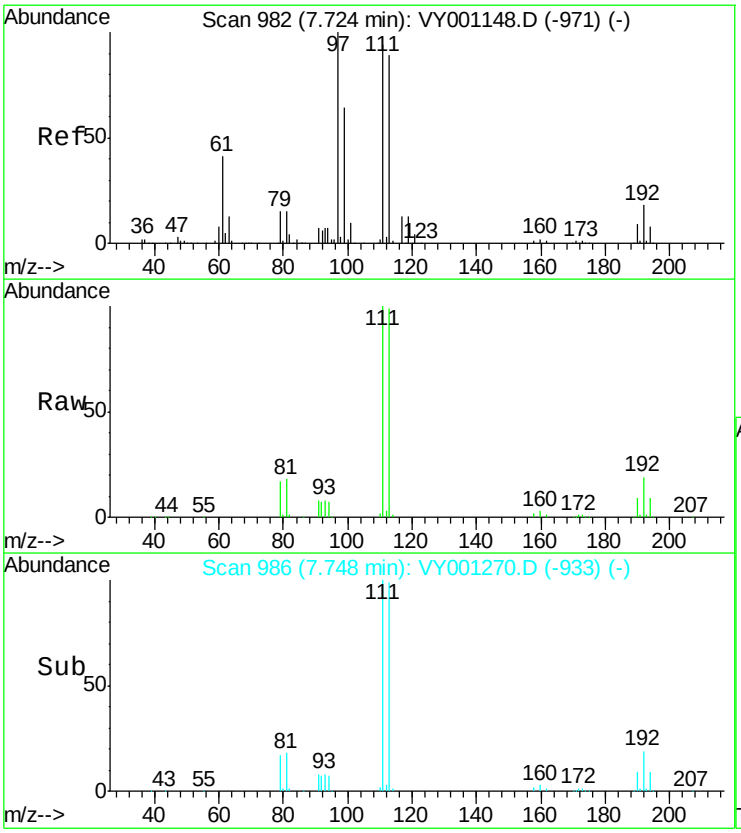
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.71 min Scan# 1144
Delta R.T. 0.02 min
Lab File: VY001270.D
Acq: 17 Jan 2020 17:11

Instrument :
MSVOA_Y
ClientSampleId :
SU-03-011520

Tgt Ion:114 Resp: 318228

Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	40.8
88	16.4	0.0	32.4

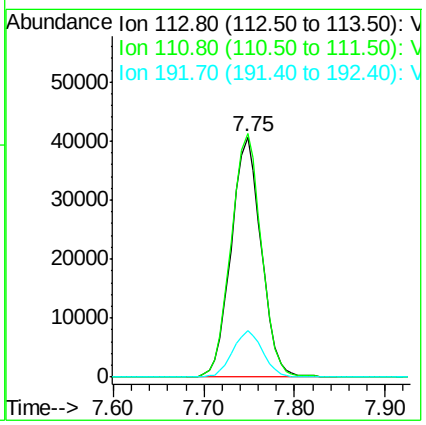


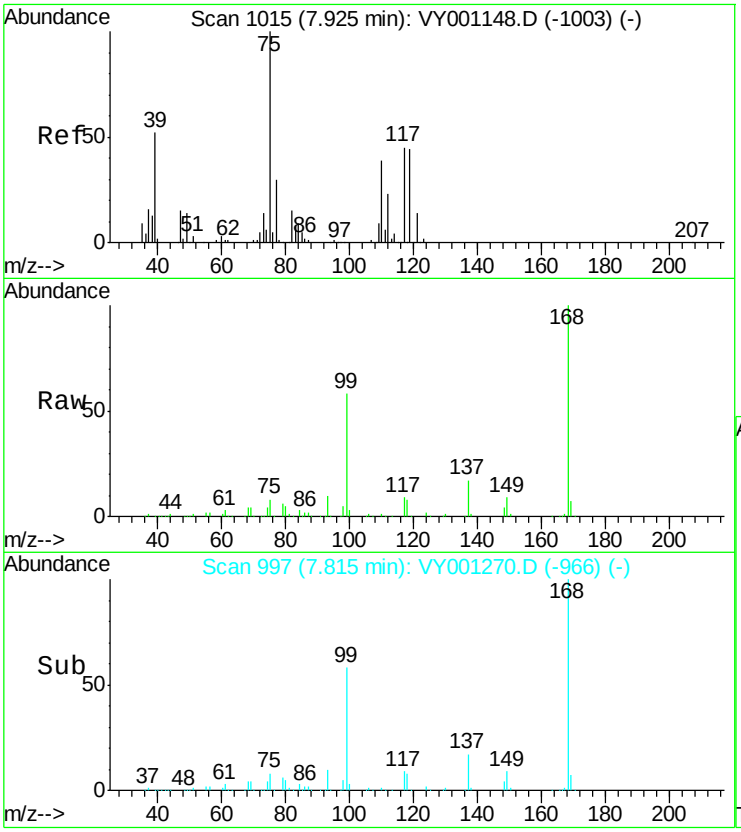


#35
Dibromofluoromethane
Concen: 50.13 ug/l
RT: 7.75 min Scan# 986
Delta R.T. 0.02 min
Lab File: VY001270.D
Acq: 17 Jan 2020 17:11

Tgt Ion:113 Resp: 93394

Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.9	124.3
192	19.4	15.4	23.2



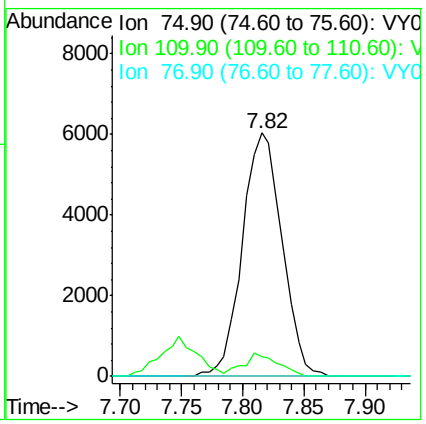


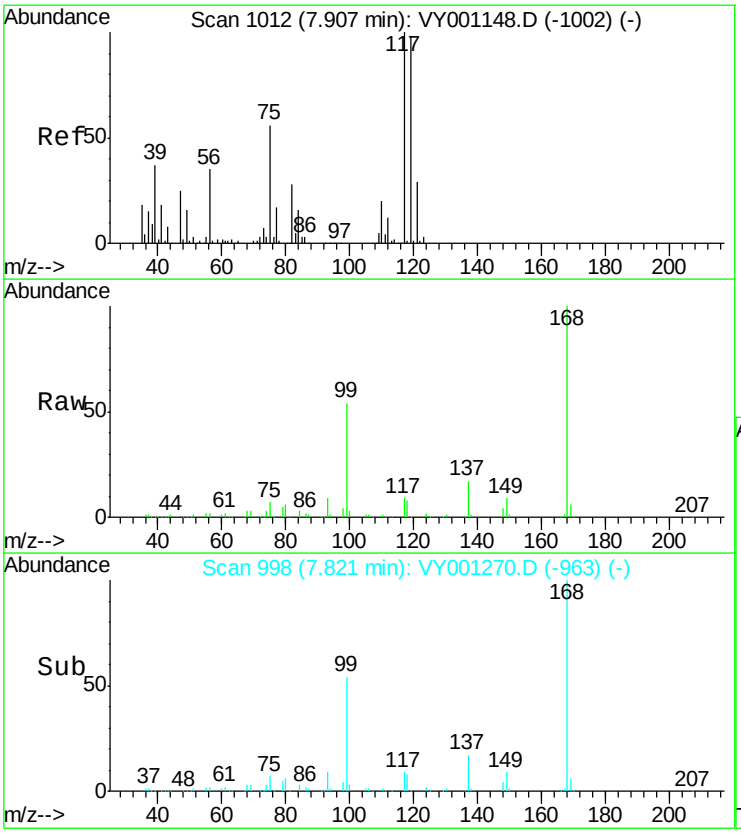
#36
1,1-Dichloropropene
Concen: 4.70 ug/l
RT: 7.82 min Scan# 997
Delta R.T. -0.11 min
Lab File: VY001270.D
Acq: 17 Jan 2020 17:11

Instrument : MSVOA_Y
ClientSampleId : SU-03-011520

Tgt Ion: 75 Resp: 13631

Ion	Ratio	Lower	Upper
75	100		
110	8.3	18.3	54.8#
77	0.0	25.1	37.7#

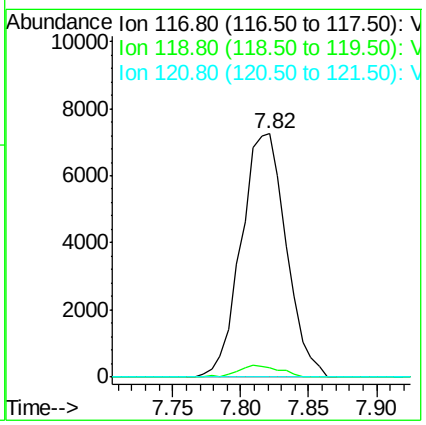


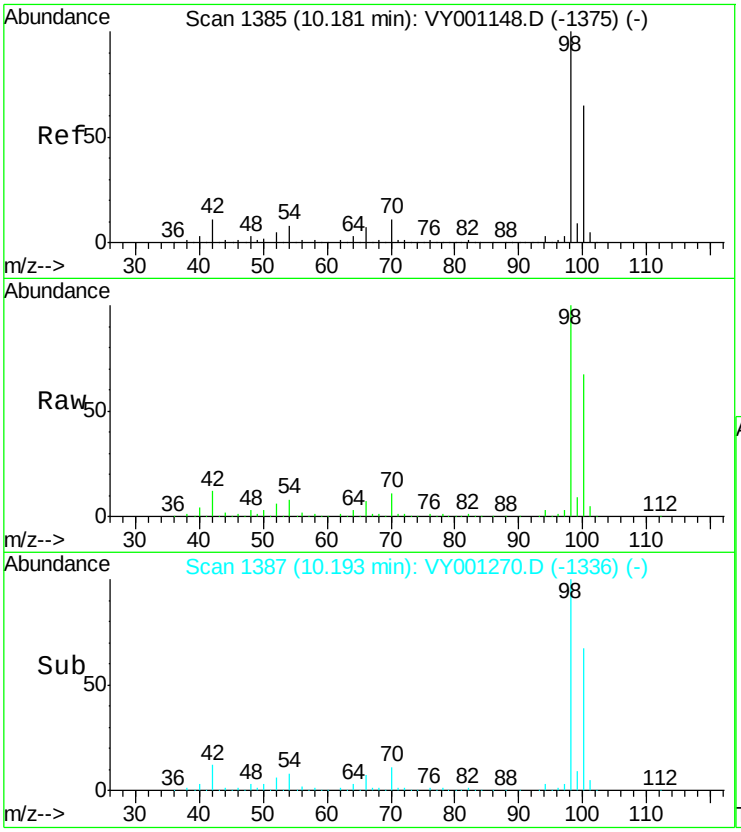


#38
Carbon Tetrachloride
Concen: 6.32 ug/l
RT: 7.82 min Scan# 998
Delta R.T. -0.09 min
Lab File: VY001270.D
Acq: 17 Jan 2020 17:11

Tgt Ion:117 Resp: 16800

Ion	Ratio	Lower	Upper
117	100		
119	3.9	78.3	117.5#
121	0.0	23.5	35.3#



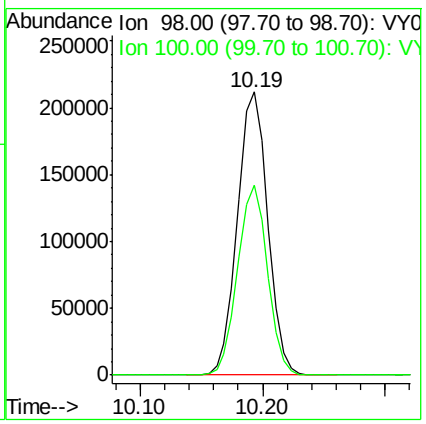


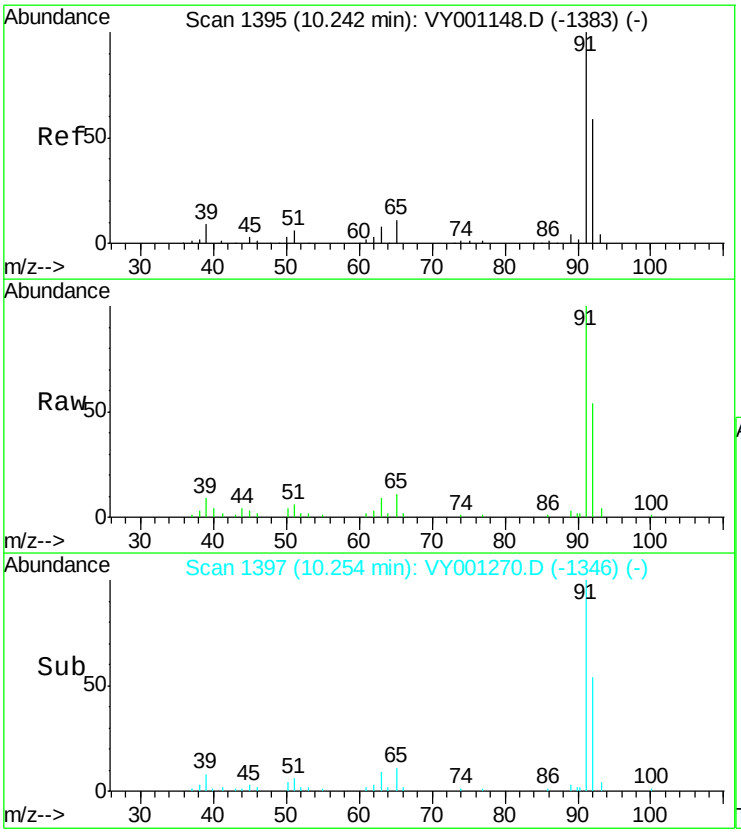
#50
Toluene-d8
Concen: 50.77 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.01 min
Lab File: VY001270.D
Acq: 17 Jan 2020 17:11

Instrument : MSVOA_Y
ClientSampleId : SU-03-011520

Tgt Ion: 98 Resp: 364522

Ion	Ratio	Lower	Upper
98	100		
100	66.1	53.1	79.7

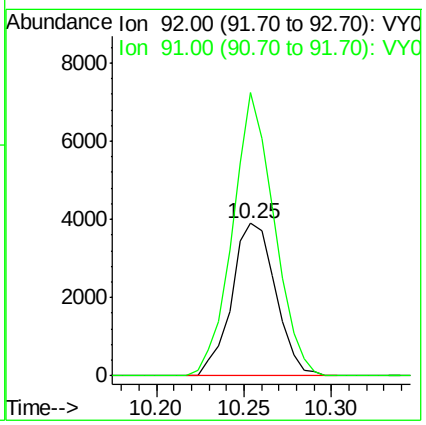


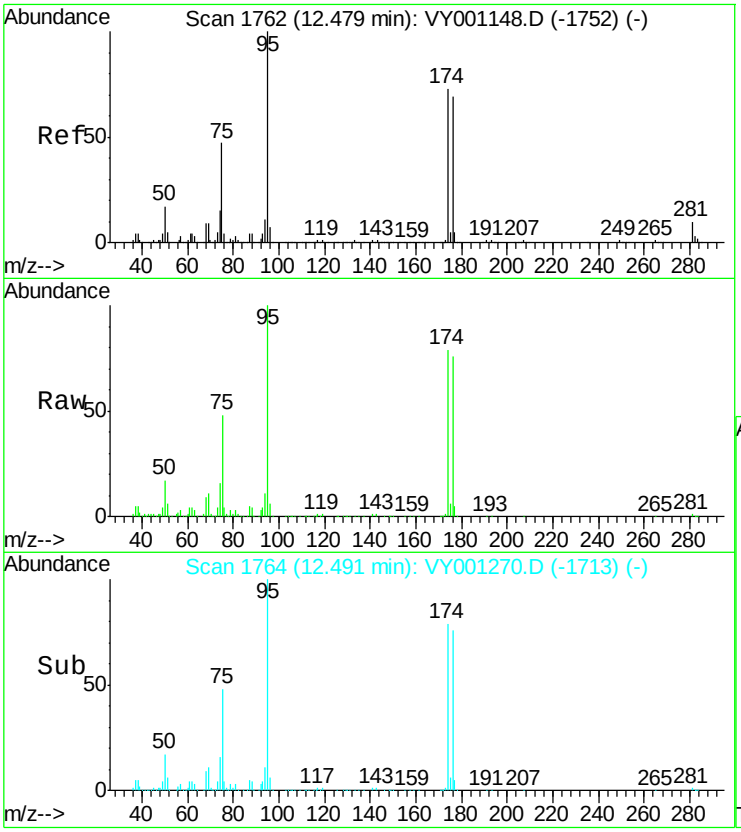


#52
Toluene
Concen: 1.26 ug/l
RT: 10.25 min Scan# 1397
Delta R.T. 0.01 min
Lab File: VY001270.D
Acq: 17 Jan 2020 17:11

Tgt Ion: 92 Resp: 6804

Ion	Ratio	Lower	Upper
92	100		
91	175.3	136.6	204.8



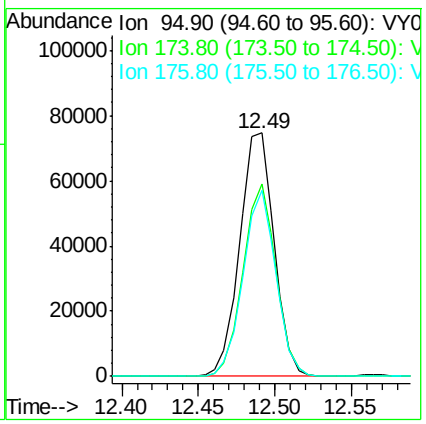


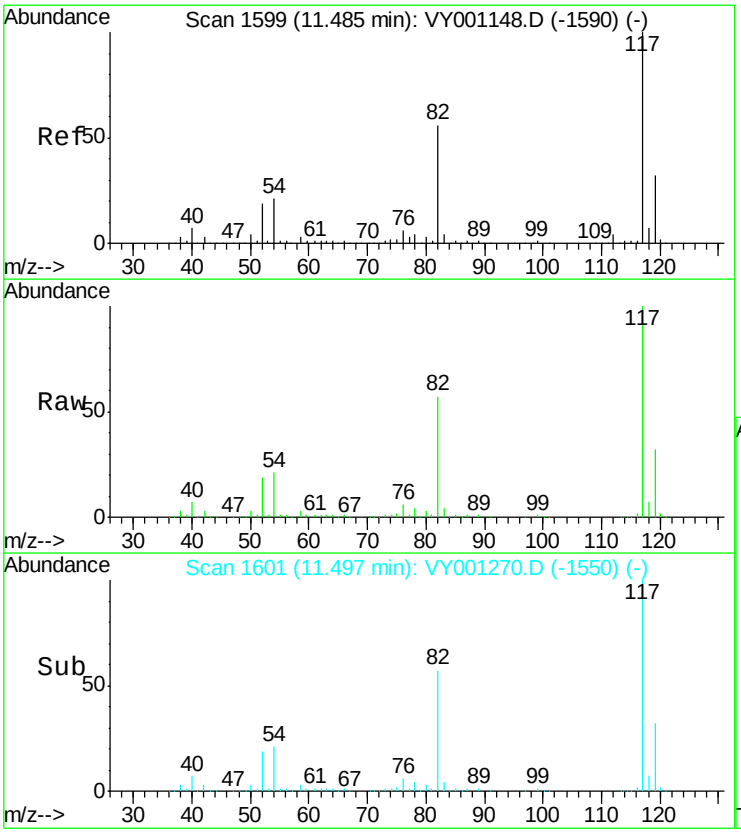
#62
4-Bromofluorobenzene
Concen: 39.53 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.01 min
Lab File: VY001270.D
Acq: 17 Jan 2020 17:11

Instrument :
MSVOA_Y
ClientSampleId :
SU-03-011520

Tgt Ion: 95 Resp: 116026

Ion	Ratio	Lower	Upper
95	100		
174	76.1	0.0	143.2
176	73.3	0.0	136.0

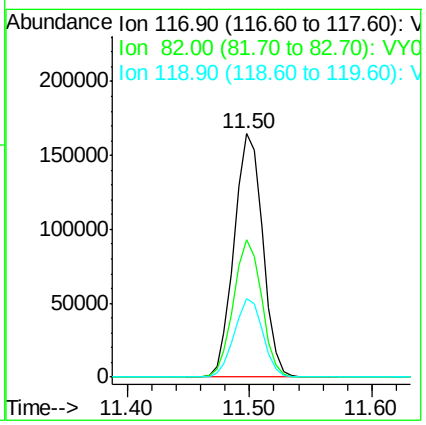


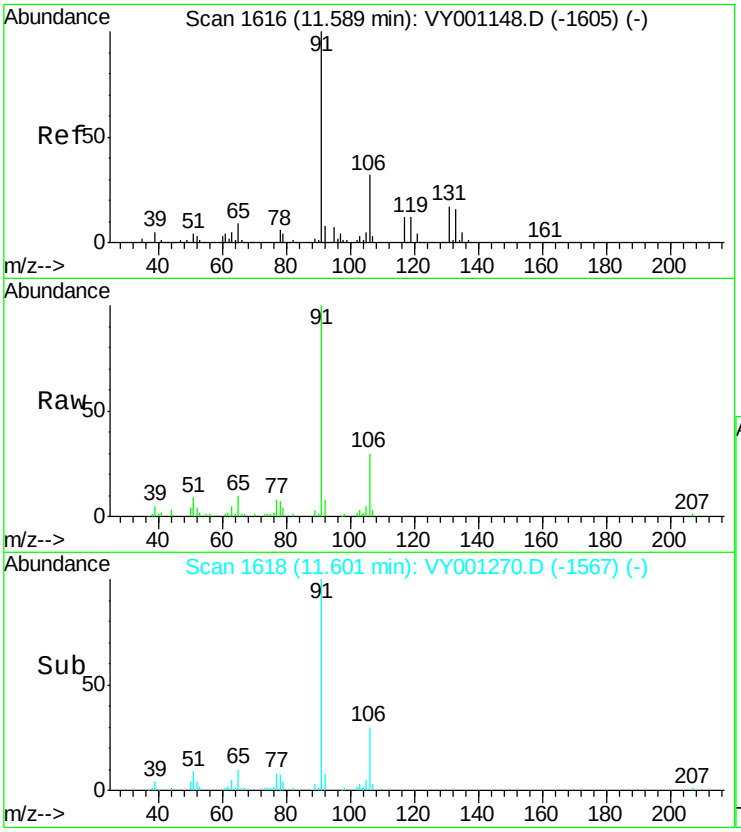


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VY001270.D
Acq: 17 Jan 2020 17:11

Tgt Ion:117 Resp: 265806

Ion	Ratio	Lower	Upper
117	100		
82	56.6	44.9	67.3
119	32.1	25.7	38.5



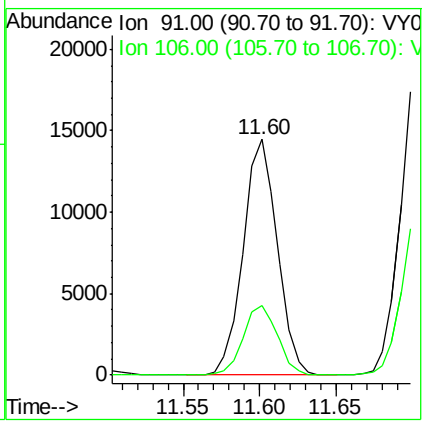


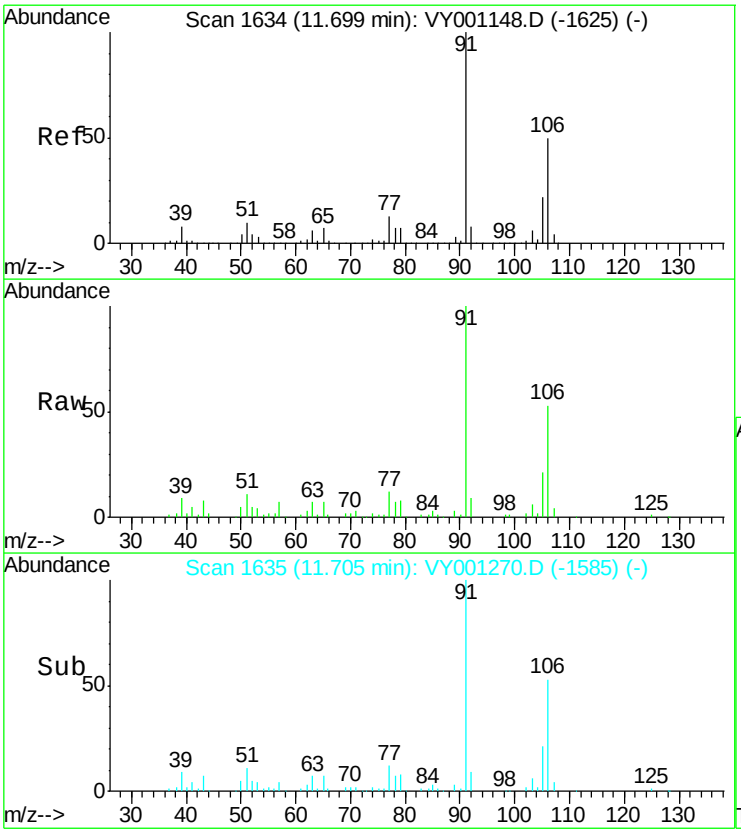
#67
Ethyl Benzene
Concen: 2.31 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.01 min
Lab File: VY001270.D
Acq: 17 Jan 2020 17:11

Instrument : MSVOA_Y
ClientSampleId : SU-03-011520

Tgt Ion: 91 Resp: 22404

Ion	Ratio	Lower	Upper
91	100		
106	29.7	25.3	37.9

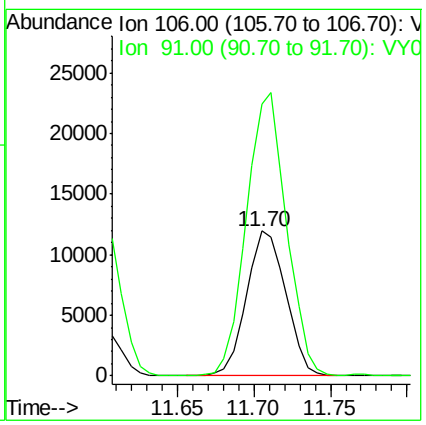


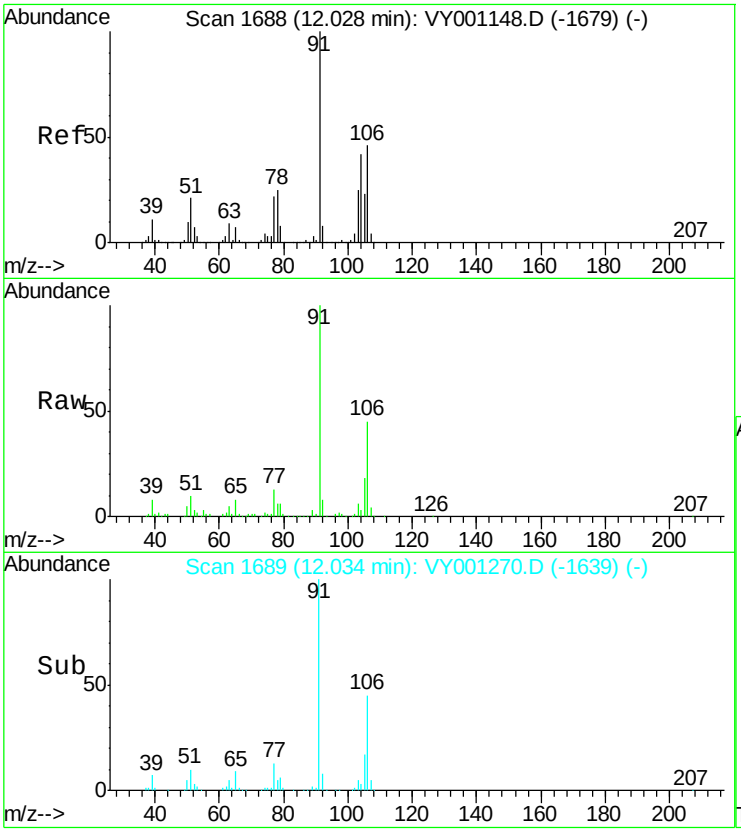


#68
m/p-Xylenes
Concen: 5.84 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. 0.01 min
Lab File: VY001270.D
Acq: 17 Jan 2020 17:11

Tgt Ion:106 Resp: 21402

Ion	Ratio	Lower	Upper
106	100		
91	198.5	161.4	242.2



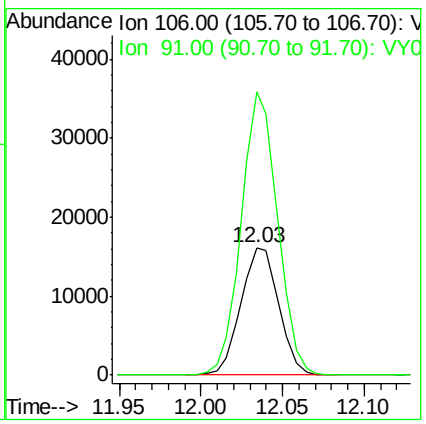


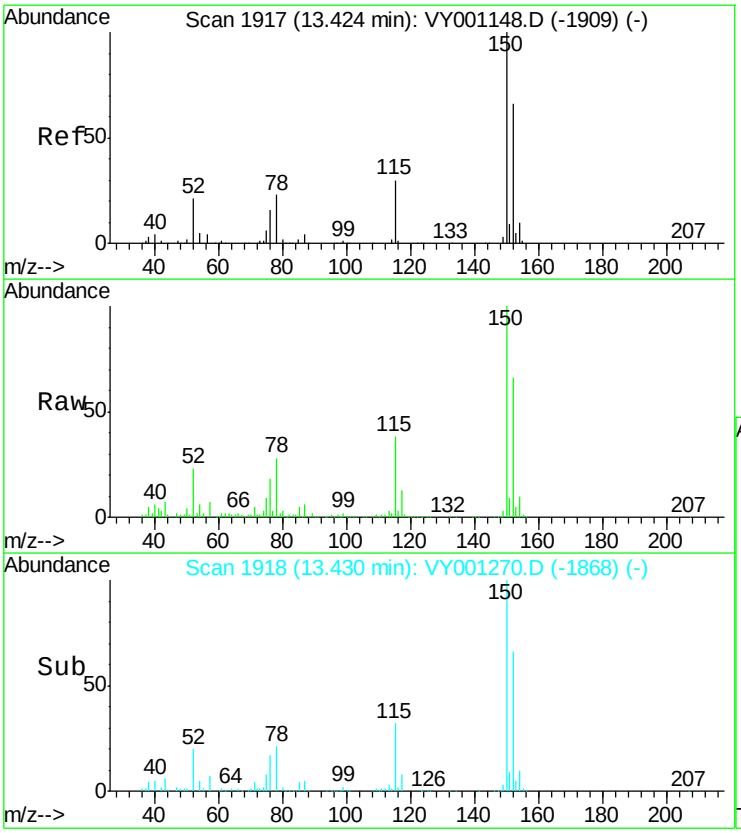
#69
o-Xylene
Concen: 7.42 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. 0.01 min
Lab File: VY001270.D
Acq: 17 Jan 2020 17:11

Instrument :
MSVOA_Y
ClientSampleId :
SU-03-011520

Tgt Ion:106 Resp: 26073

Ion	Ratio	Lower	Upper
106	100		
91	213.6	106.3	318.8

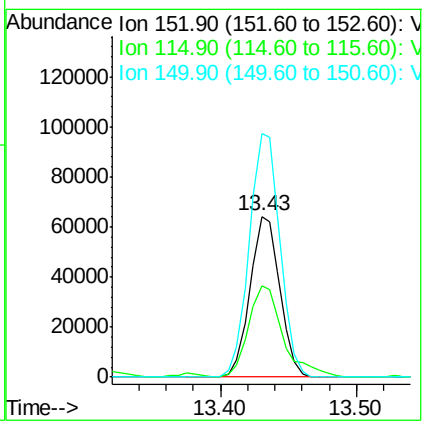


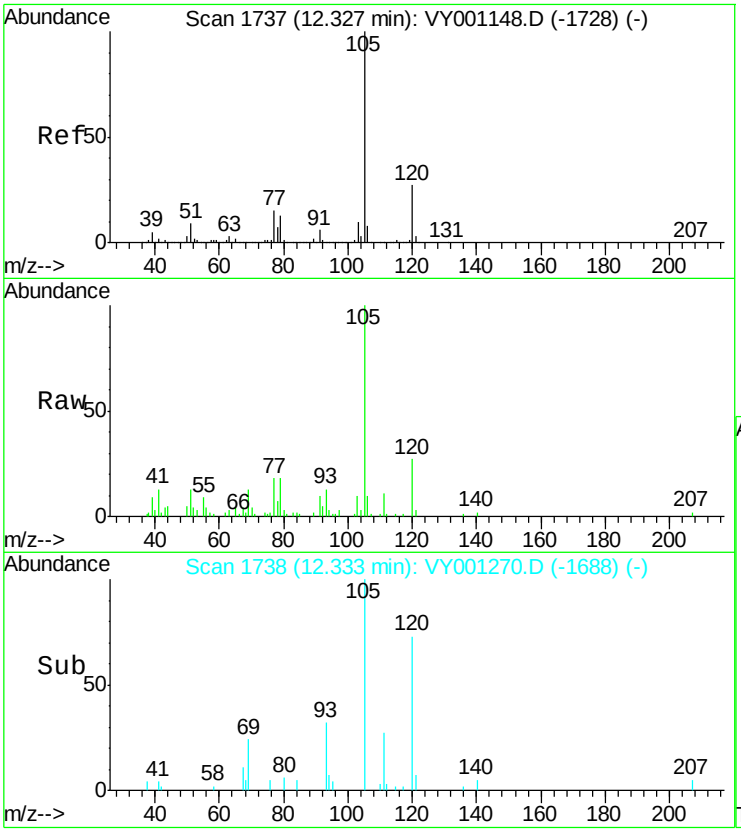


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. 0.01 min
Lab File: VY001270.D
Acq: 17 Jan 2020 17:11

Tgt Ion:152 Resp: 98905

Ion	Ratio	Lower	Upper
152	100		
115	66.0	30.9	92.5
150	156.1	0.0	346.8



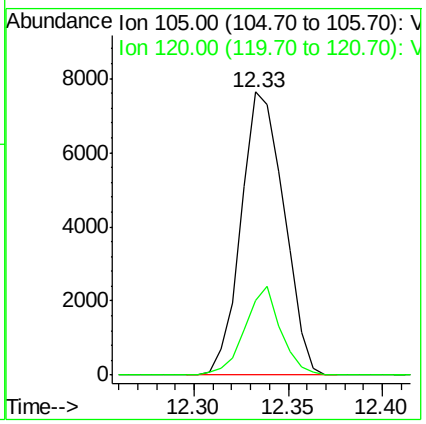


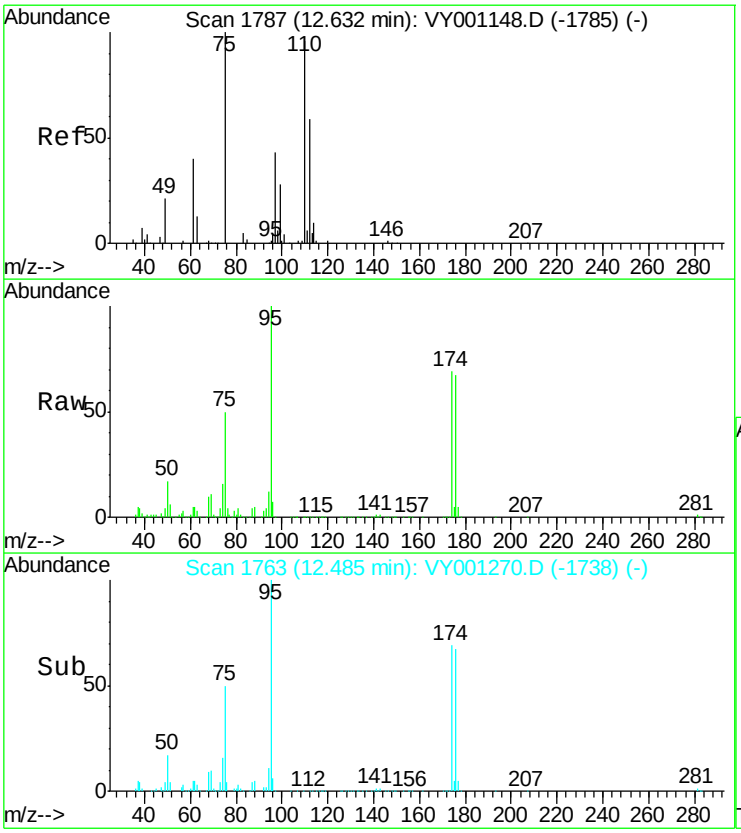
#73
Isopropylbenzene
Concen: 1.62 ug/l
RT: 12.33 min Scan# 1738
Delta R.T. 0.01 min
Lab File: VY001270.D
Acq: 17 Jan 2020 17:11

Instrument :
MSVOA_Y
ClientSampleId :
SU-03-011520

Tgt Ion:105 Resp: 12054

Ion	Ratio	Lower	Upper
105	100		
120	26.1	13.4	40.2

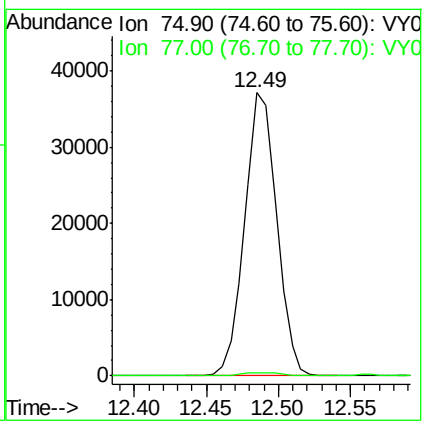


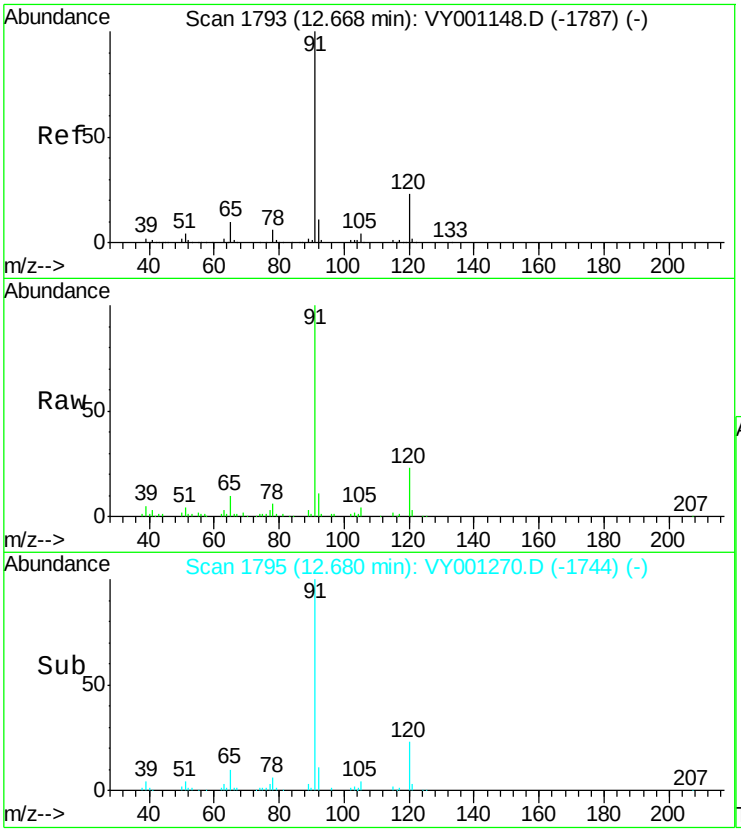


#76
1,2,3-Trichloropropane
Concen: 54.00 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.15 min
Lab File: VY001270.D
Acq: 17 Jan 2020 17:11

Tgt Ion: 75 Resp: 57170

Ion	Ratio	Lower	Upper
75	100		
77	1.4	0.0	0.0#



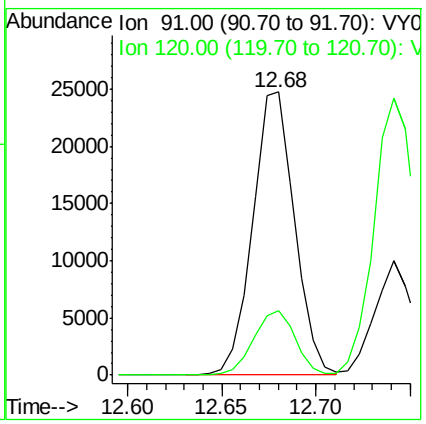


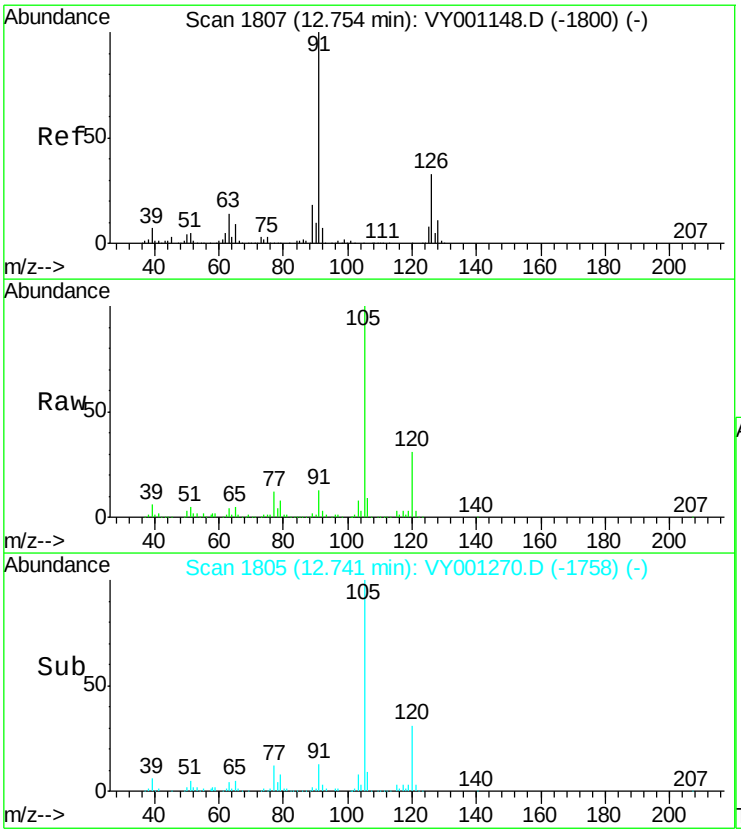
#78
n-propylbenzene
Concen: 4.25 ug/l
RT: 12.68 min Scan# 1795
Delta R.T. 0.01 min
Lab File: VY001270.D
Acq: 17 Jan 2020 17:11

Instrument :
MSVOA_Y
ClientSampleId :
SU-03-011520

Tgt Ion: 91 Resp: 37987

Ion	Ratio	Lower	Upper
91	100		
120	22.8	11.5	34.4

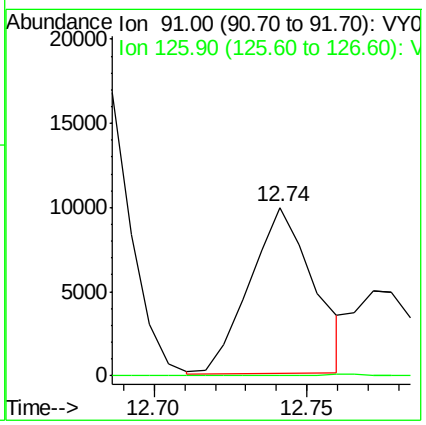


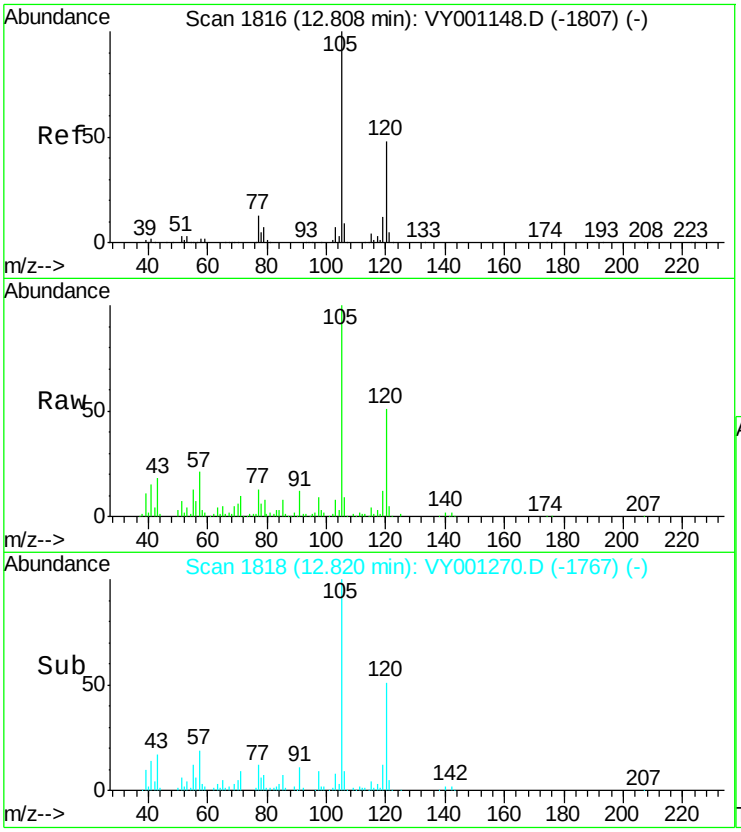


#79
2-Chlorotoluene
Concen: 2.79 ug/l
RT: 12.74 min Scan# 1805
Delta R.T. -0.01 min
Lab File: VY001270.D
Acq: 17 Jan 2020 17:11

Tgt Ion: 91 Resp: 14346

Ion	Ratio	Lower	Upper
91	100		
126	0.0	16.4	49.4#



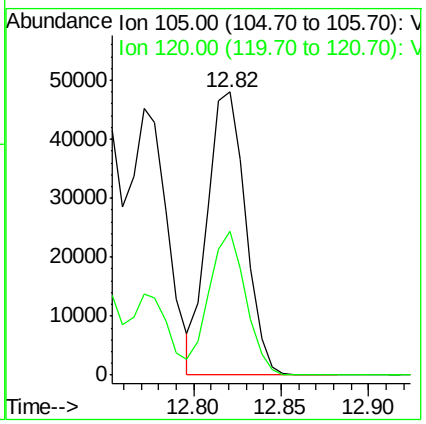


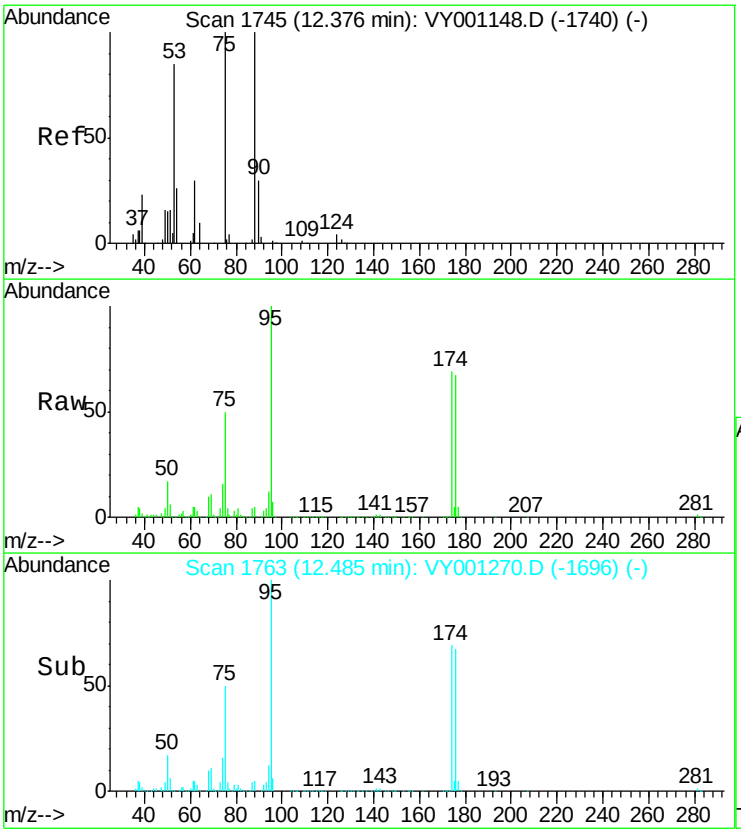
#80
1,3,5-Trimethylbenzene
Concen: 11.70 ug/l
RT: 12.82 min Scan# 1818
Delta R.T. 0.01 min
Lab File: VY001270.D
Acq: 17 Jan 2020 17:11

Instrument :
MSVOA_Y
ClientSampleId :
SU-03-011520

Tgt Ion:105 Resp: 72561

Ion	Ratio	Lower	Upper
105	100		
120	49.1	24.2	72.6

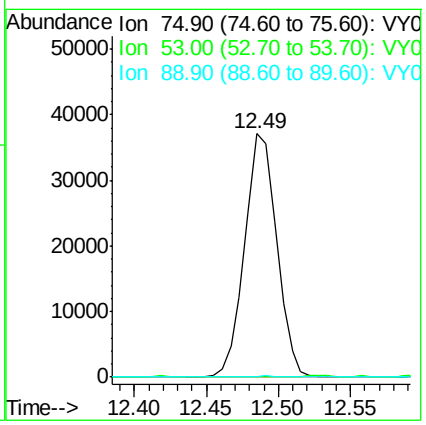


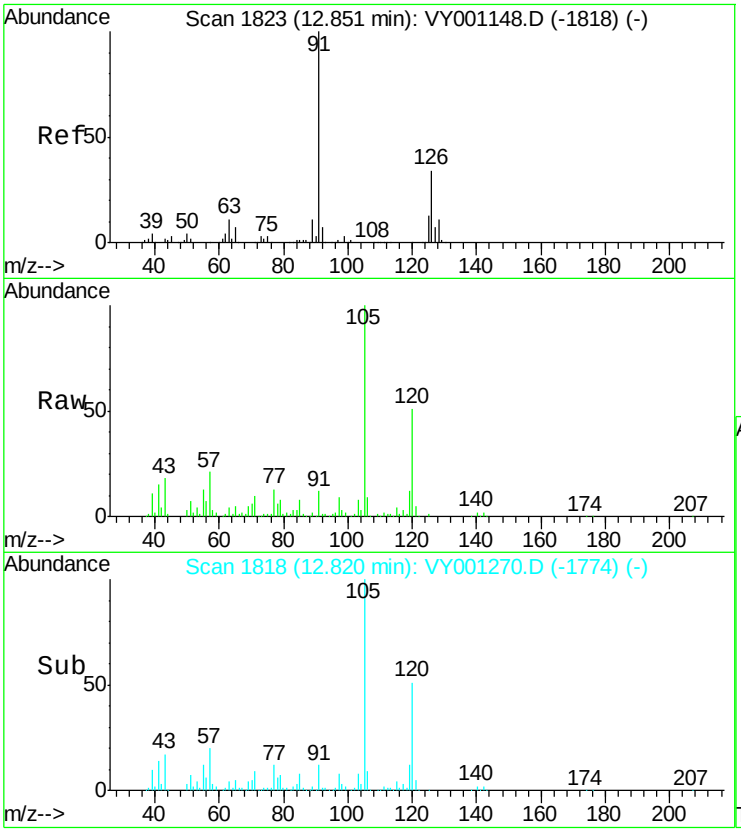


#81
trans-1,4-Dichloro-2-butene
Concen: 91.57 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. 0.11 min
Lab File: VY001270.D
Acq: 17 Jan 2020 17:11

Tgt Ion: 75 Resp: 57170

Ion	Ratio	Lower	Upper
75	100		
53	0.1	69.4	104.2#
89	0.1	0.0	0.0#



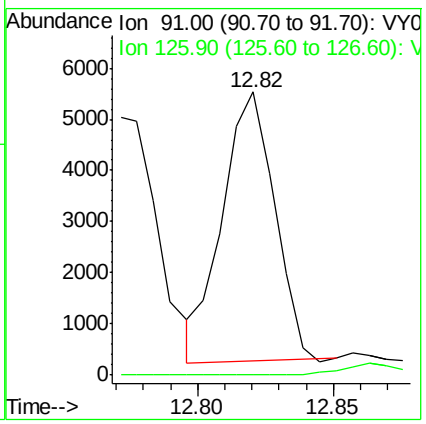


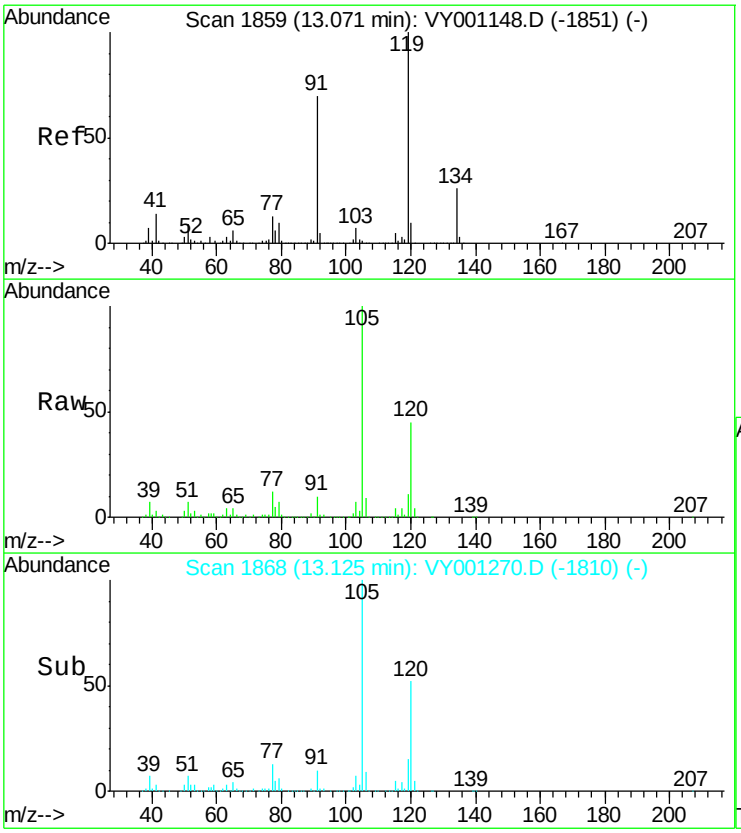
#82
4-Chlorotoluene
Concen: 1.28 ug/l
RT: 12.82 min Scan# 1818
Delta R.T. -0.03 min
Lab File: VY001270.D
Acq: 17 Jan 2020 17:11

Instrument :
MSVOA_Y
ClientSampleId :
SU-03-011520

Tgt Ion: 91 Resp: 6992

Ion	Ratio	Lower	Upper
91	100		
126	0.0	16.3	48.8#

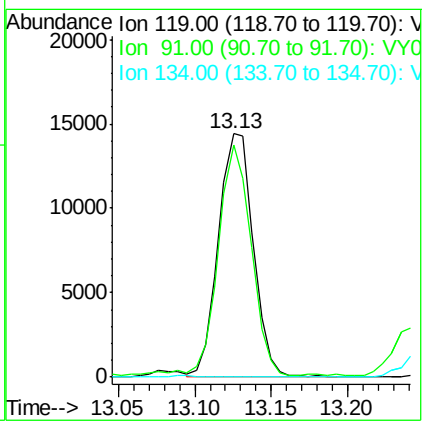


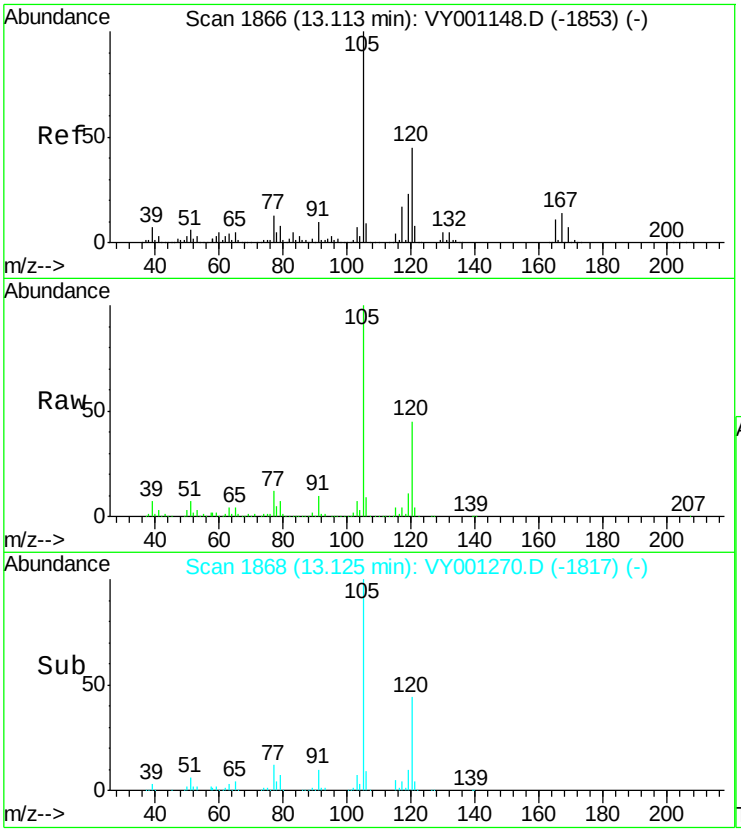


#83
tert-Butylbenzene
Concen: 4.37 ug/l
RT: 13.13 min Scan# 1868
Delta R.T. 0.05 min
Lab File: VY001270.D
Acq: 17 Jan 2020 17:11

Tgt Ion:119 Resp: 22770

Ion	Ratio	Lower	Upper
119	100		
91	89.2	33.9	101.7
134	0.0	13.5	40.4#



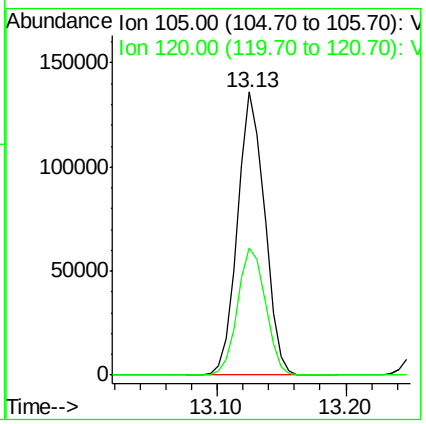


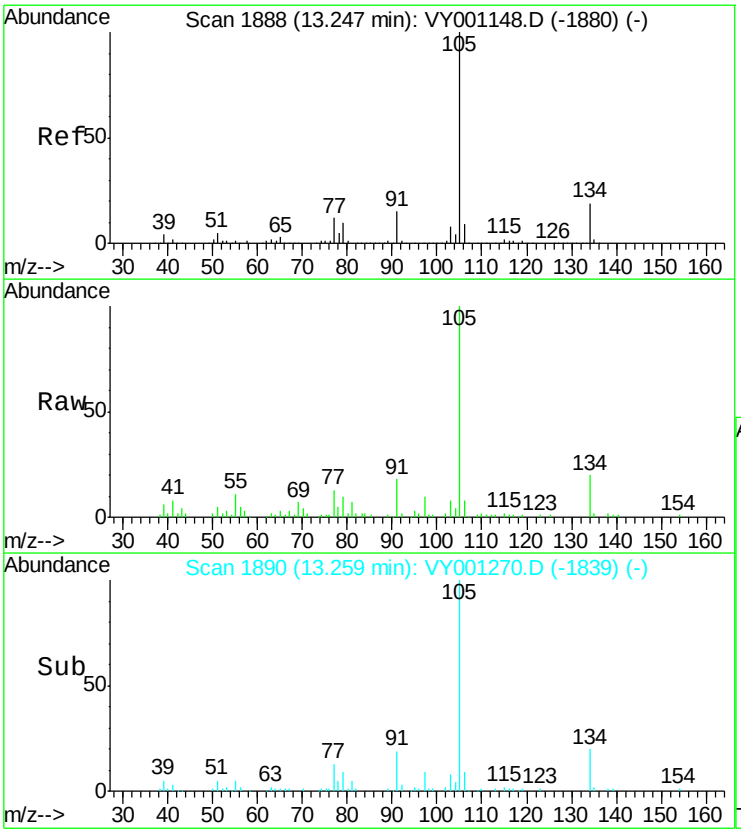
#84
1,2,4-Trimethylbenzene
Concen: 32.10 ug/l
RT: 13.13 min Scan# 1868
Delta R.T. 0.01 min
Lab File: VY001270.D
Acq: 17 Jan 2020 17:11

Instrument :
MSVOA_Y
ClientSampleId :
SU-03-011520

Tgt Ion:105 Resp: 197744

Ion	Ratio	Lower	Upper
105	100		
120	46.2	22.8	68.3

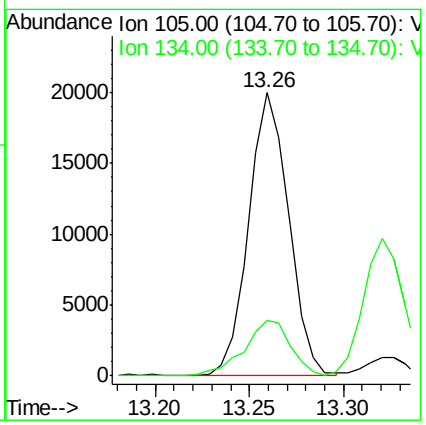


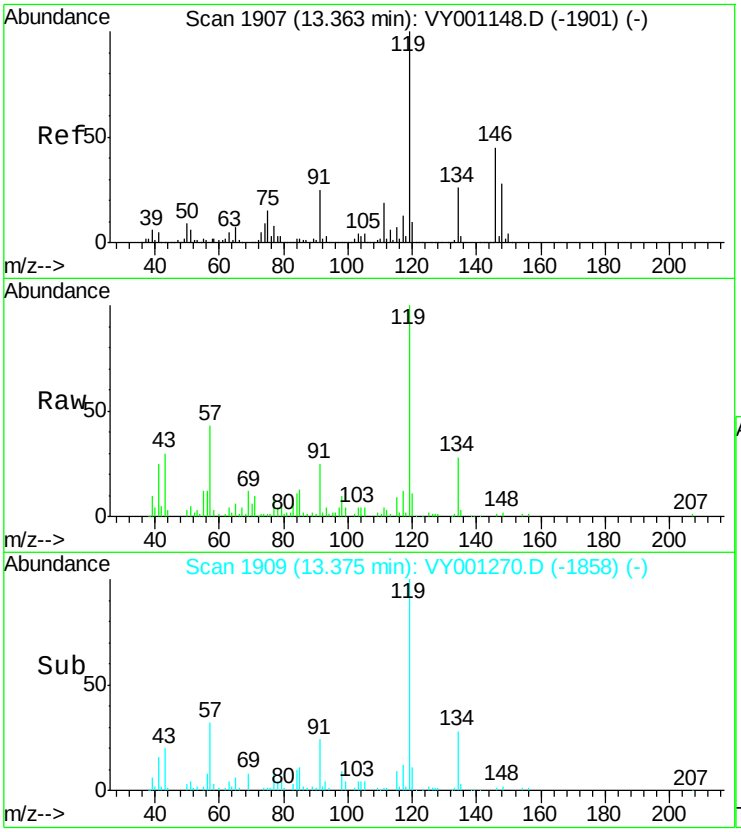


#85
sec-Butylbenzene
Concen: 3.92 ug/l
RT: 13.26 min Scan# 1890
Delta R.T. 0.01 min
Lab File: VY001270.D
Acq: 17 Jan 2020 17:11

Tgt Ion:105 Resp: 29402

Ion	Ratio	Lower	Upper
105	100		
134	22.7	9.8	29.5



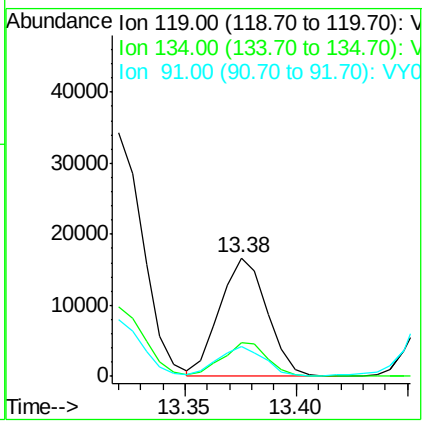


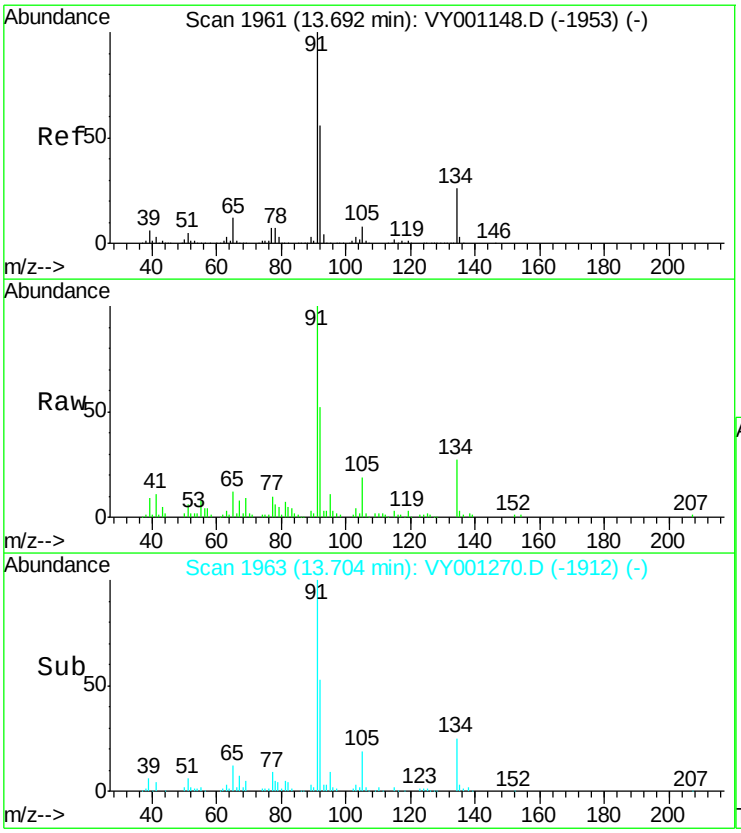
#86
p-Isopropyltoluene
Concen: 3.78 ug/l
RT: 13.38 min Scan# 1909
Delta R.T. 0.01 min
Lab File: VY001270.D
Acq: 17 Jan 2020 17:11

Instrument :
MSVOA_Y
ClientSampleId :
SU-03-011520

Tgt Ion:119 Resp: 24600

Ion	Ratio	Lower	Upper
119	100		
134	27.1	13.4	40.2
91	24.1	12.4	37.2

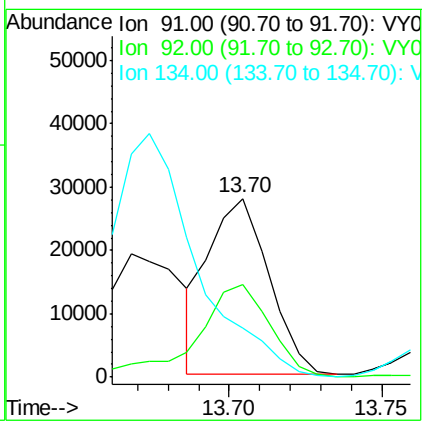


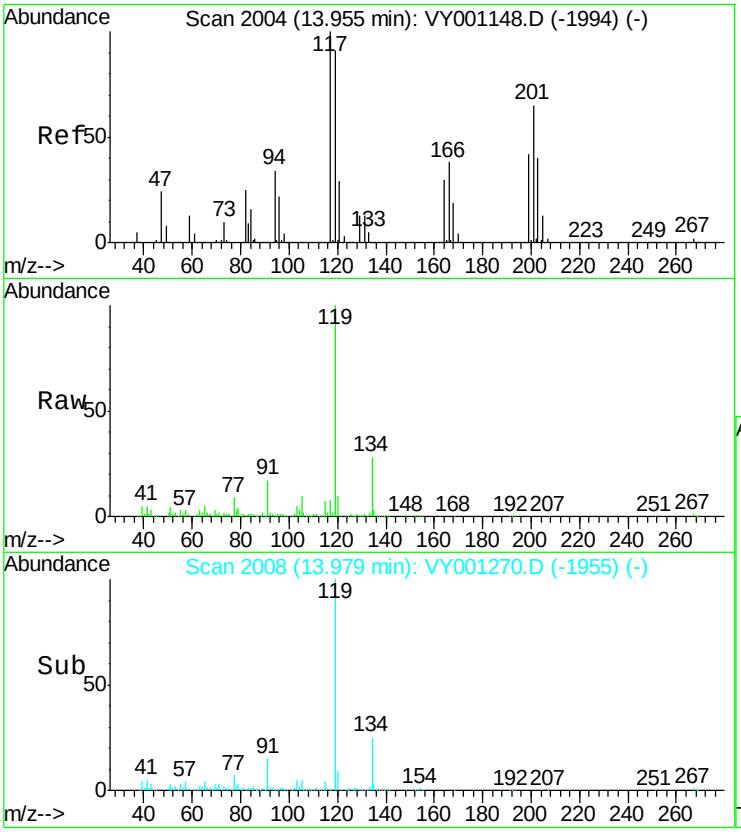


#89
n-Butylbenzene
Concen: 5.79 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. 0.01 min
Lab File: VY001270.D
Acq: 17 Jan 2020 17:11

Tgt Ion: 91 Resp: 37956

Ion	Ratio	Lower	Upper
91	100		
92	64.4	27.7	83.1
134	0.0	12.9	38.6#



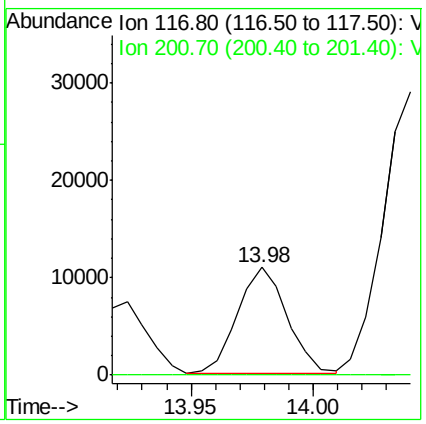


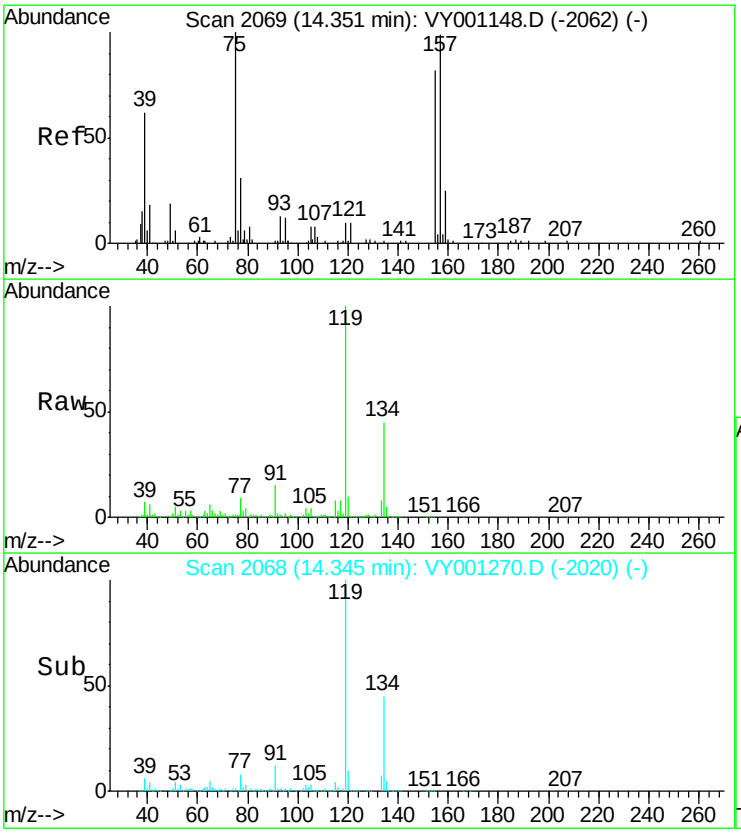
#90
Hexachloroethane
Concen: 11.87 ug/l
RT: 13.98 min Scan# 2008
Delta R.T. 0.02 min
Lab File: VY001270.D
Acq: 17 Jan 2020 17:11

Instrument : MSVOA_Y
ClientSampleId : SU-03-011520

Tgt Ion:117 Resp: 15102

Ion	Ratio	Lower	Upper
117	100		
201	0.0	35.4	106.2#

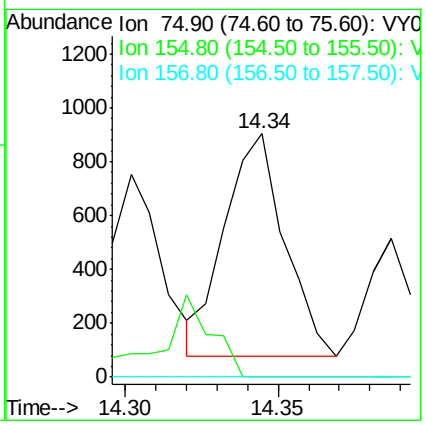


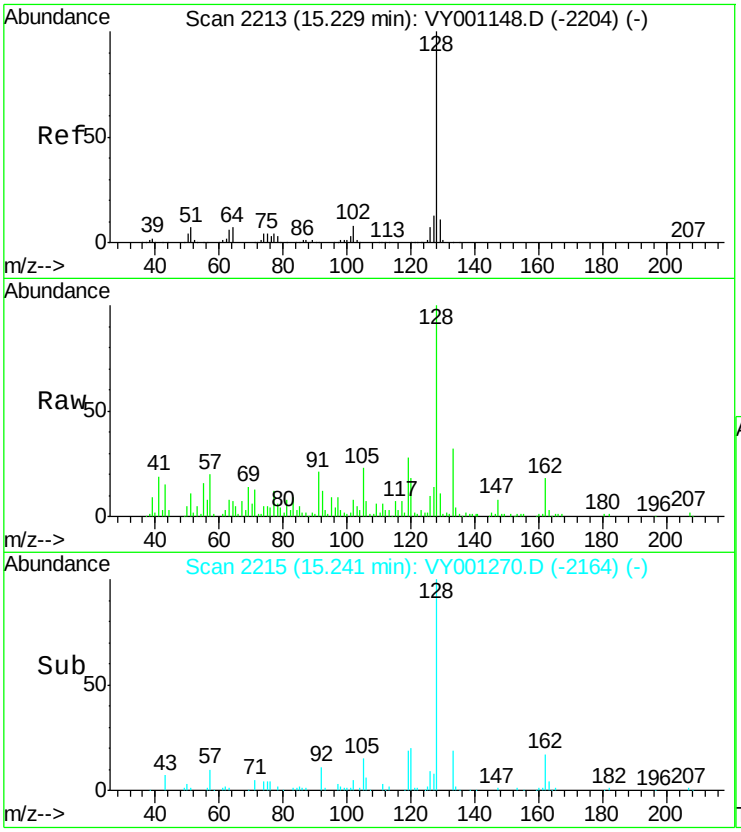


#92
1,2-Dibromo-3-Chloropropane
Concen: 3.94 ug/l
RT: 14.34 min Scan# 2068
Delta R.T. -0.01 min
Lab File: VY001270.D
Acq: 17 Jan 2020 17:11

Tgt Ion: 75 Resp: 1111

Ion	Ratio	Lower	Upper
75	100		
155	0.0	41.2	123.6#
157	0.0	52.8	158.4#





#95
Naphthalene
Concen: 9.51 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. 0.01 min
Lab File: VY001270.D
Acq: 17 Jan 2020 17:11

Instrument :
MSVOA_Y
ClientSampleId :
SU-03-011520

Tgt Ion:128 Resp: 42108

Ion	Ratio	Lower	Upper
128	100		
127	15.9	10.2	15.4#
129	13.8	8.5	12.7#