Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY042320\
Data File : VY002473.D
Acq On : 23 Apr 2020 20:23
Operator : SY/MD
Sample : L2375-01
Misc : 8.29G/5ML/MSVOA_Y/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId :

Quant Time: Apr 24 01:35:08 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042320S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 23 14:11:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.82	168	207621	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.71	114	317719	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.50	117	273709	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	136015	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.17	65	100169	55.20	ug/l		0.00
Spiked Amount 50.000			Recovery = 110.40%				
35) Dibromofluoromethane	7.75	113	94089	52.50	ug/l		0.00
Spiked Amount 50.000			Recovery = 105.00%				
50) Toluene-d8	10.19	98	370841	51.49	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.98%				
62) 4-Bromofluorobenzene	12.49	95	111793	46.26	ug/l		0.00
Spiked Amount 50.000			Recovery = 92.52%				
Target Compounds							Qvalue
11) Tert butyl alcohol	4.99	59	2550	14.930	ug/l	#	92
16) Acetone	3.98	43	21868	57.663	ug/l		95
20) Methylene Chloride	4.76	84	4601	2.125	ug/l		91
25) 2-Butanone	7.02	43	6806	11.714	ug/l	#	83
31) Cyclohexane	7.82	56	8880	2.840	ug/l	#	66
36) 1,1-Dichloropropene	7.82	75	12529	4.599	ug/l	#	51
37) Ethyl Acetate	7.02	43	6806	4.973	ug/l	#	67
38) Carbon Tetrachloride	7.82	117	18573	5.929	ug/l	#	16
39) Methylcyclohexane	9.20	83	9540	2.684	ug/l		93
40) Benzene	8.19	78	112315	14.264	ug/l		99
55) 1,1,2-Trichloroethane	10.63	97	1593	1.015	ug/l	#	23
59) 2-Hexanone	10.81	43	1205	1.300	ug/l	#	22
67) Ethyl Benzene	11.61	91	9509	1.011	ug/l		93
68) m/p-Xylenes	11.72	106	4220	1.166	ug/l		92
69) o-Xylene	12.04	106	4232	1.262	ug/l		98
76) 1,2,3-Trichloropropane	12.49	75	58355	50.620	ug/l	#	100
81) trans-1,4-Dichloro-2-buten	12.49	75	58355	93.671	ug/l	#	15
84) 1,2,4-Trimethylbenzene	13.13	105	23441	3.166	ug/l		99
86) p-Isopropyltoluene	13.38	119	20501	2.396	ug/l		98
89) n-Butylbenzene	13.64	91	30104	3.813	ug/l	#	44
90) Hexachloroethane	13.98	117	5380	3.478	ug/l	#	5
92) 1,2-Dibromo-3-Chloropropan	14.38	75	443	1.598	ug/l	#	1
95) Naphthalene	15.25	128	2248580	422.890	ug/l		100

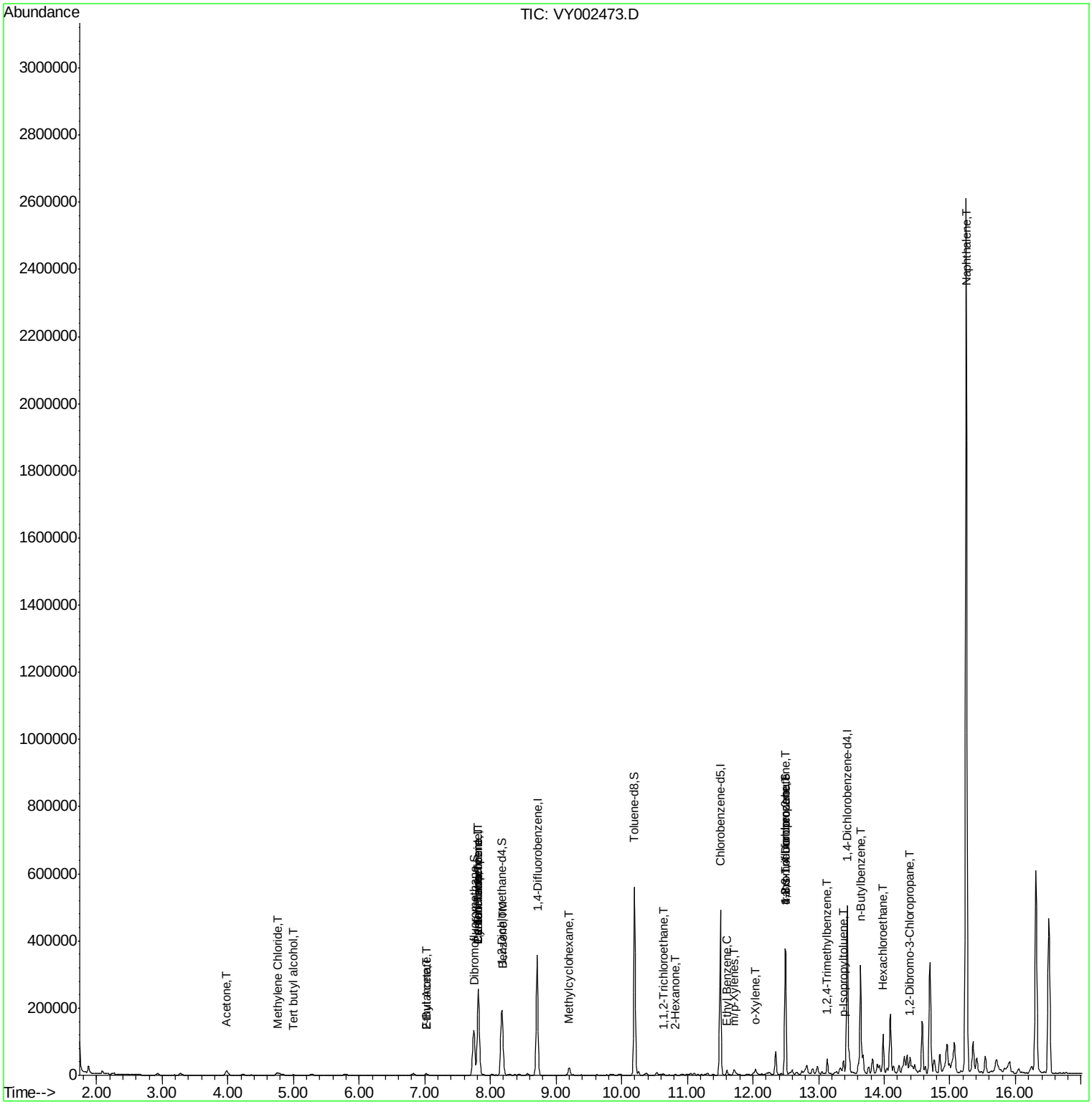
(#) = qualifier out of range (m) = manual integration (+) = signals summed

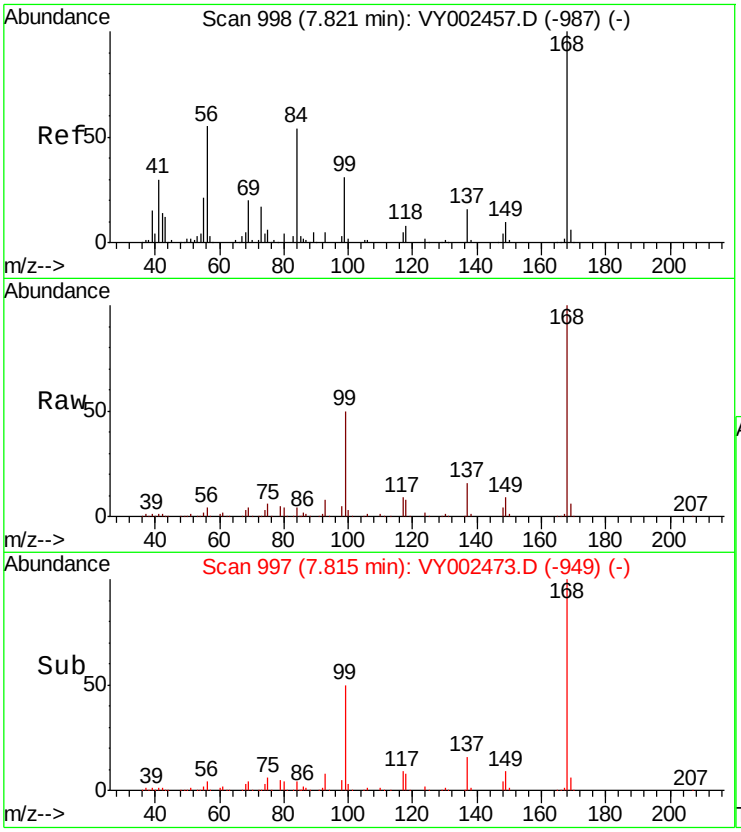
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY042320\
Data File : VY002473.D
Acq On : 23 Apr 2020 20:23
Operator : SY/MD
Sample : L2375-01
Misc : 8.29G/5ML/MSVOA_Y/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Apr 24 01:35:08 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042320S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 23 14:11:26 2020
Response via : Initial Calibration



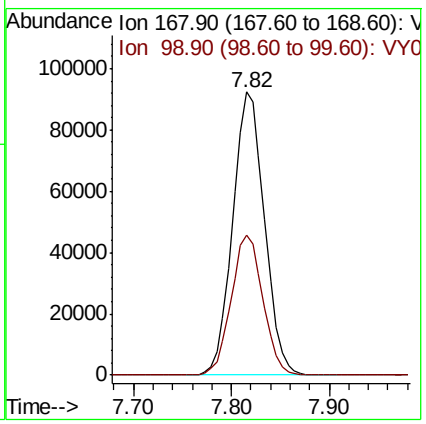


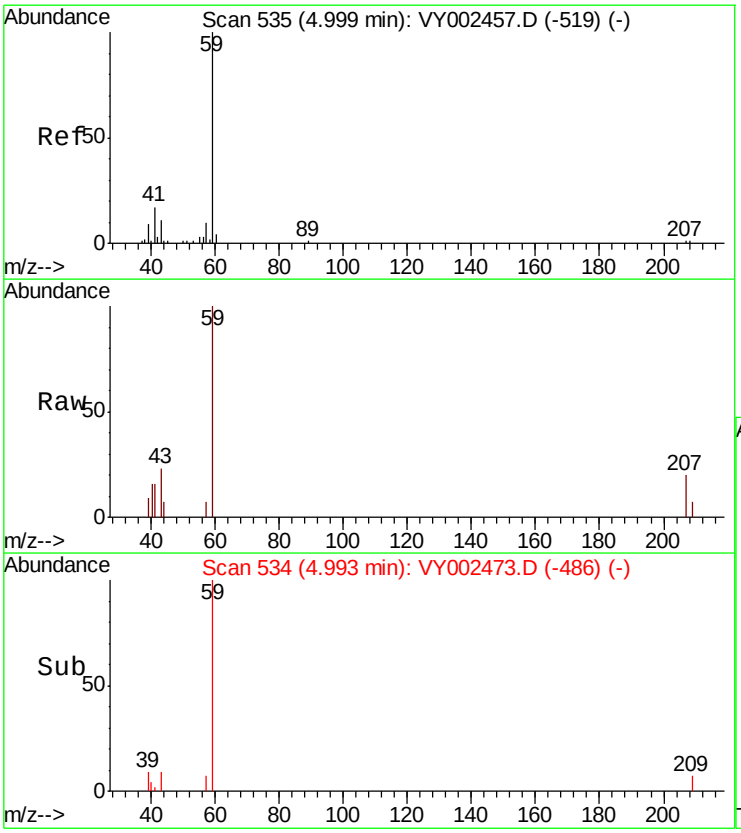
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.82 min Scan# 997
Delta R.T. -0.01 min
Lab File: VY002473.D
Acq: 23 Apr 2020 20:23

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 207621

Ion	Ratio	Lower	Upper
168	100		
99	49.7	39.7	59.5

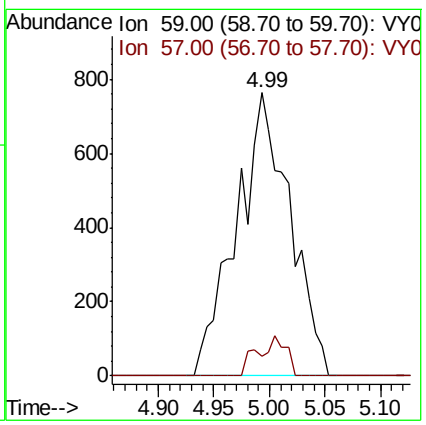


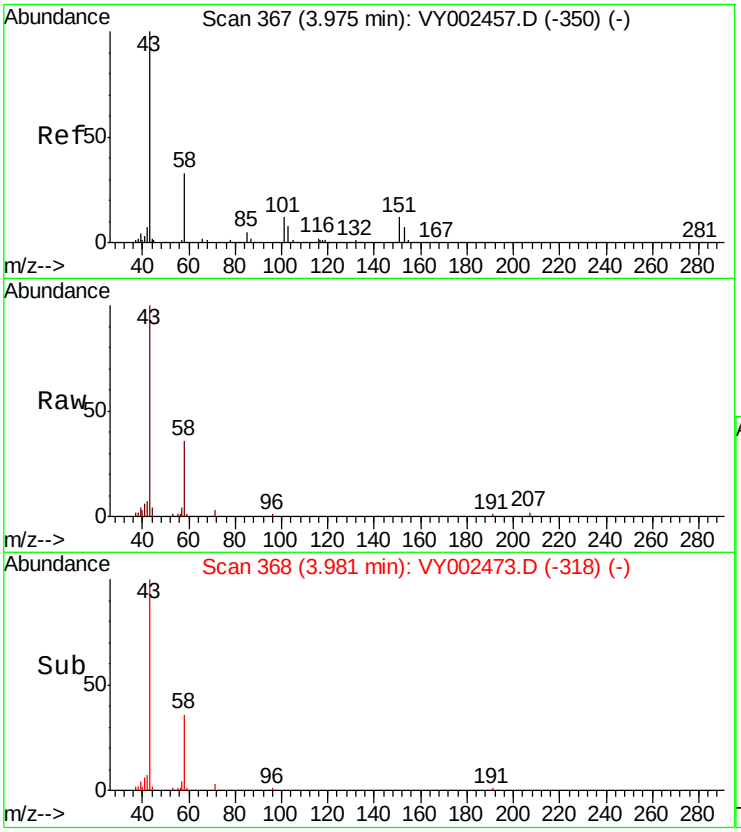


#11
Tert butyl alcohol
Concen: 14.930 ug/l
RT: 4.99 min Scan# 534
Delta R.T. -0.01 min
Lab File: VY002473.D
Acq: 23 Apr 2020 20:23

Tgt Ion: 59 Resp: 2550

Ion	Ratio	Lower	Upper
59	100		
57	7.5	8.4	12.6#



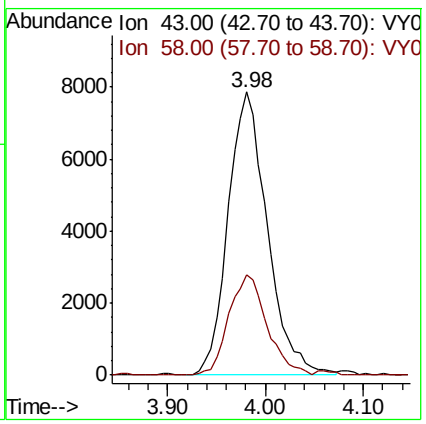


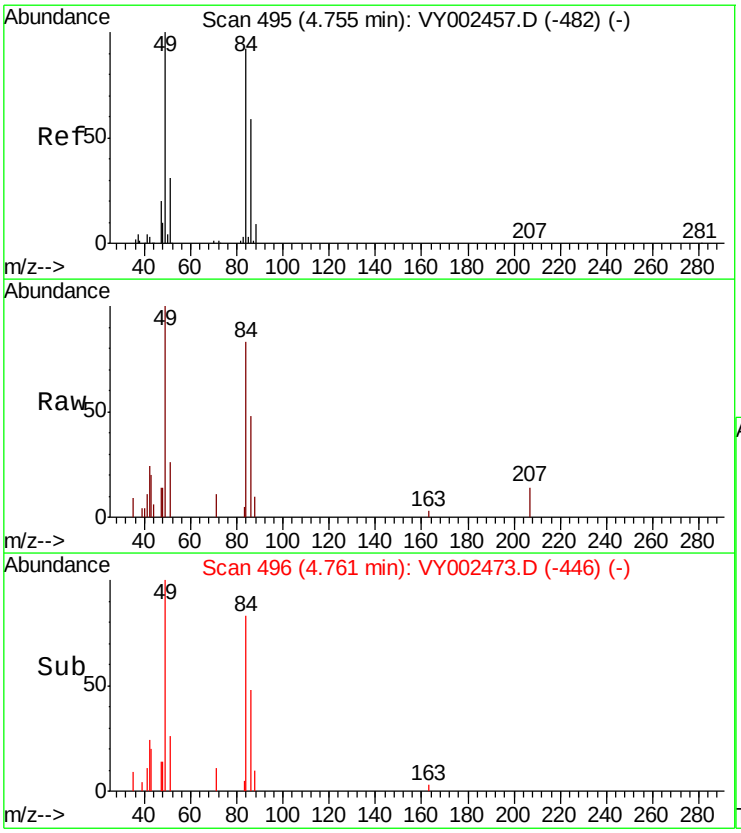
#16
Acetone
Concen: 57.663 ug/l
RT: 3.98 min Scan# 368
Delta R.T. 0.01 min
Lab File: VY002473.D
Acq: 23 Apr 2020 20:23

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 21868

Ion	Ratio	Lower	Upper
43	100		
58	35.6	26.4	39.6

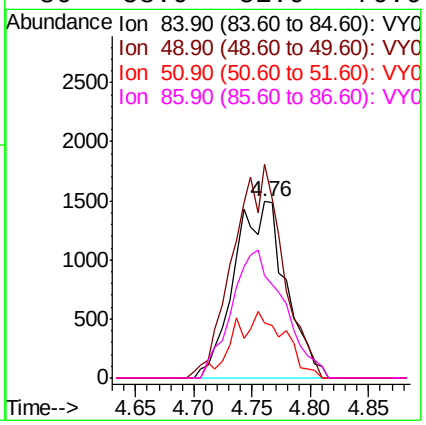


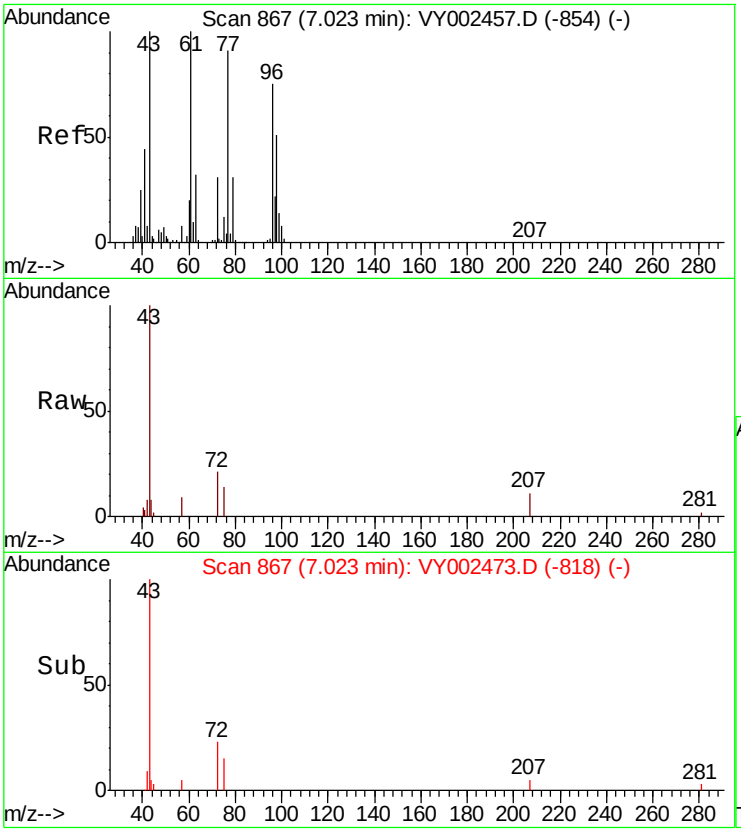


#20
Methylene Chloride
Concen: 2.125 ug/l
RT: 4.76 min Scan# 496
Delta R.T. 0.01 min
Lab File: VY002473.D
Acq: 23 Apr 2020 20:23

Tgt Ion: 84 Resp: 4601

Ion	Ratio	Lower	Upper
84	100		
49	121.2	86.9	130.3
51	31.5	27.3	40.9
86	58.0	51.0	76.6



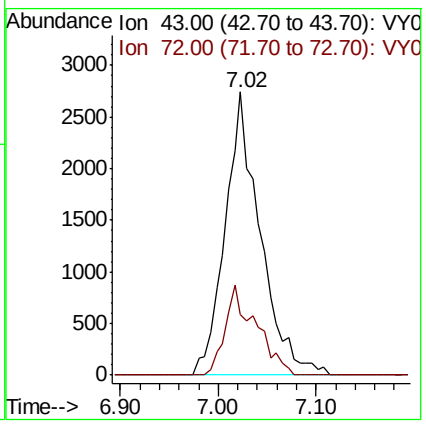


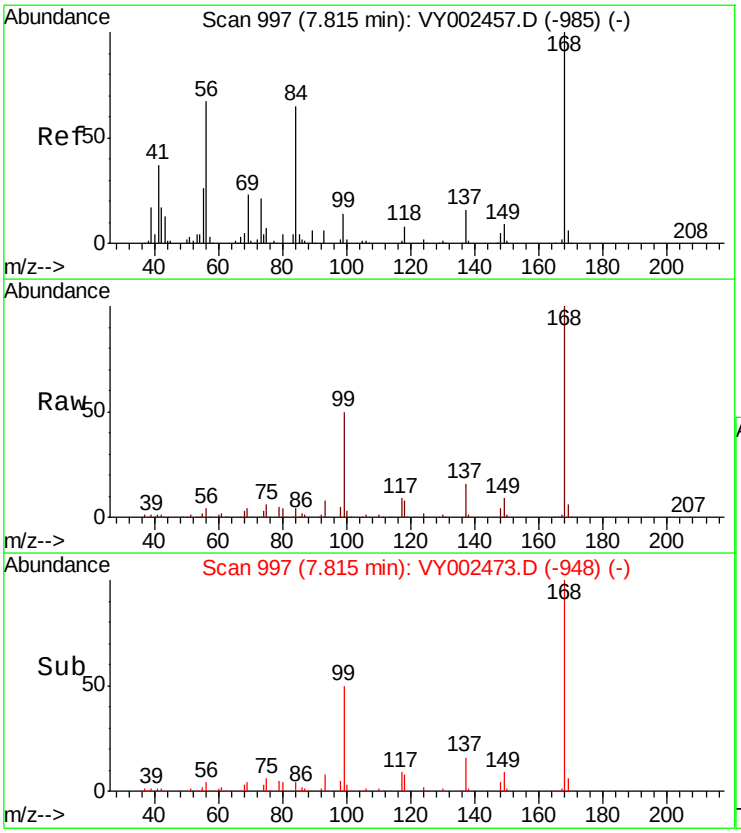
#25
2-Butanone
Concen: 11.714 ug/l
RT: 7.02 min Scan# 867
Delta R.T. -0.00 min
Lab File: VY002473.D
Acq: 23 Apr 2020 20:23

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 6806

Ion	Ratio	Lower	Upper
43	100		
72	21.4	24.8	37.2#

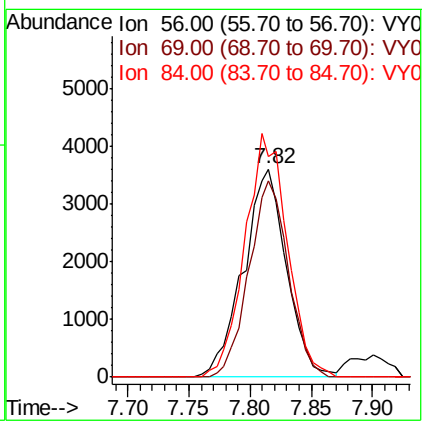


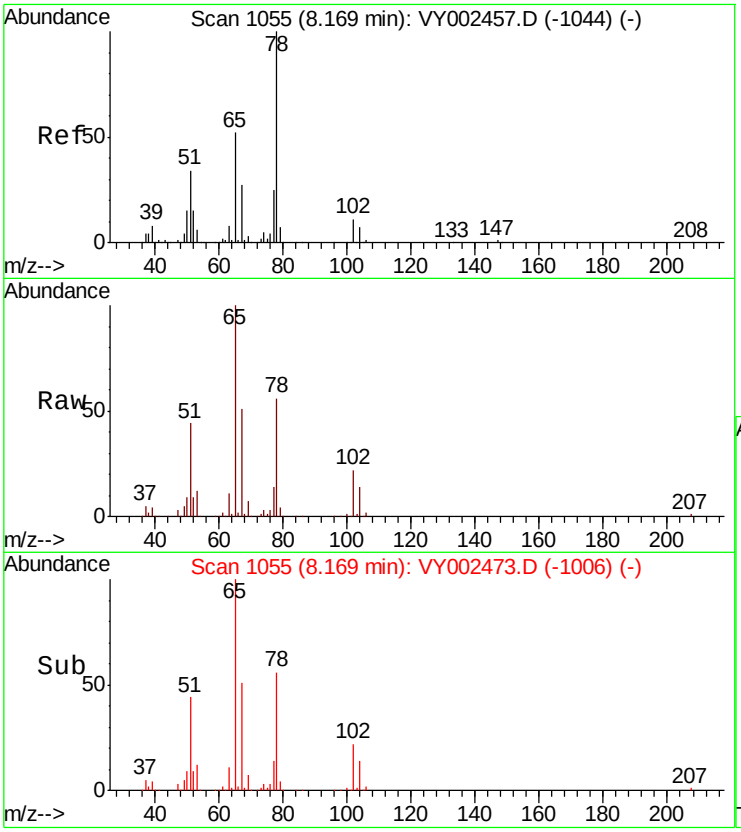


#31
Cyclohexane
Concen: 2.840 ug/l
RT: 7.82 min Scan# 997
Delta R.T. -0.00 min
Lab File: VY002473.D
Acq: 23 Apr 2020 20:23

Tgt Ion: 56 Resp: 8880

Ion	Ratio	Lower	Upper
56	100		
69	94.3	27.0	40.6#
84	105.8	77.4	116.2



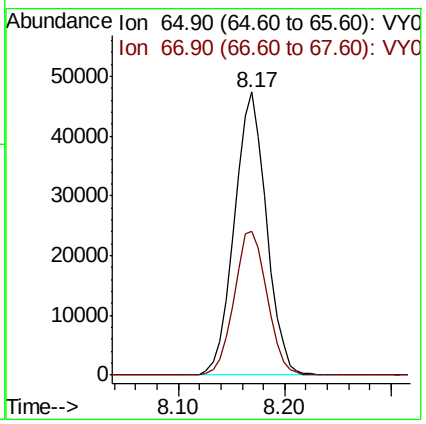


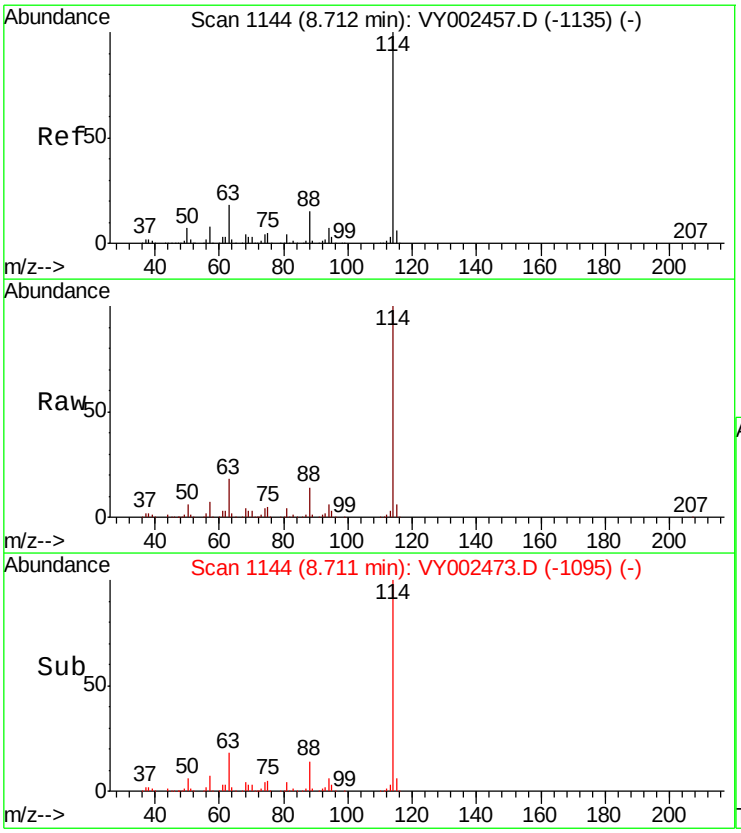
#33
1,2-Dichloroethane-d4
Concen: 55.199 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY002473.D
Acq: 23 Apr 2020 20:23

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 65 Resp: 100169

Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	104.2

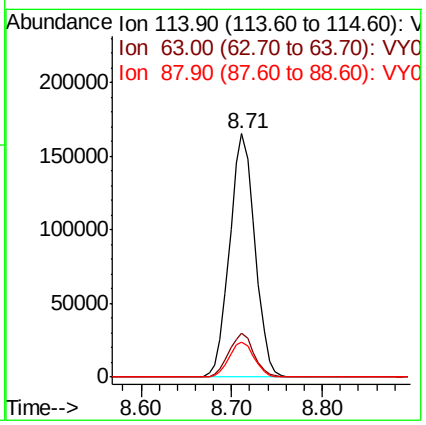


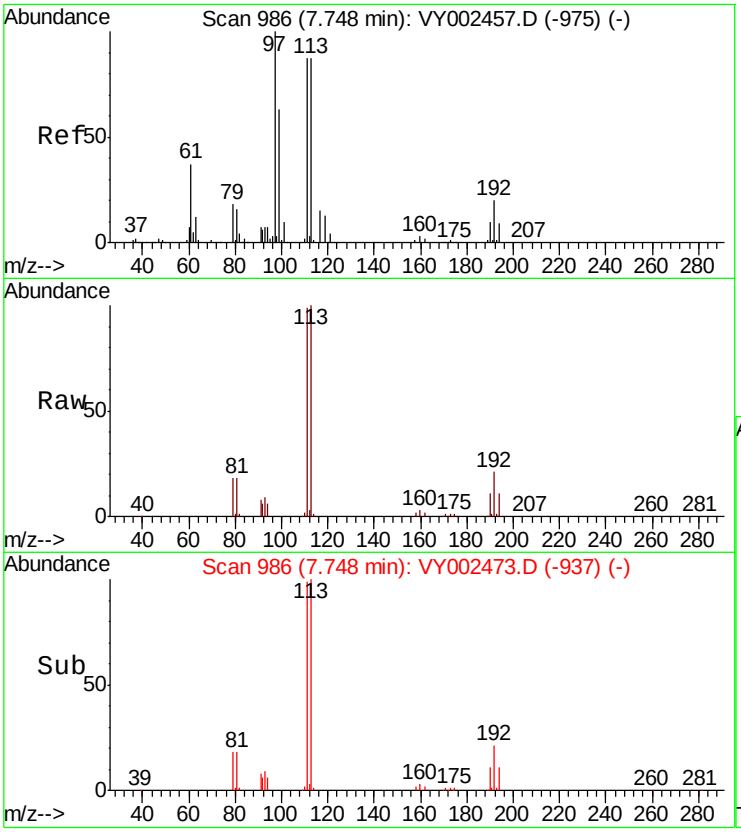


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.71 min Scan# 1144
Delta R.T. -0.00 min
Lab File: VY002473.D
Acq: 23 Apr 2020 20:23

Tgt Ion:114 Resp: 317719

Ion	Ratio	Lower	Upper
114	100		
63	18.1	0.0	35.6
88	14.4	0.0	29.4



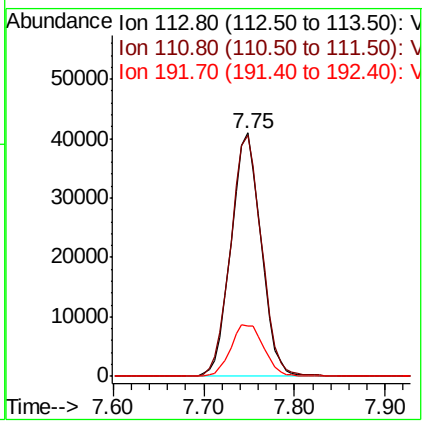


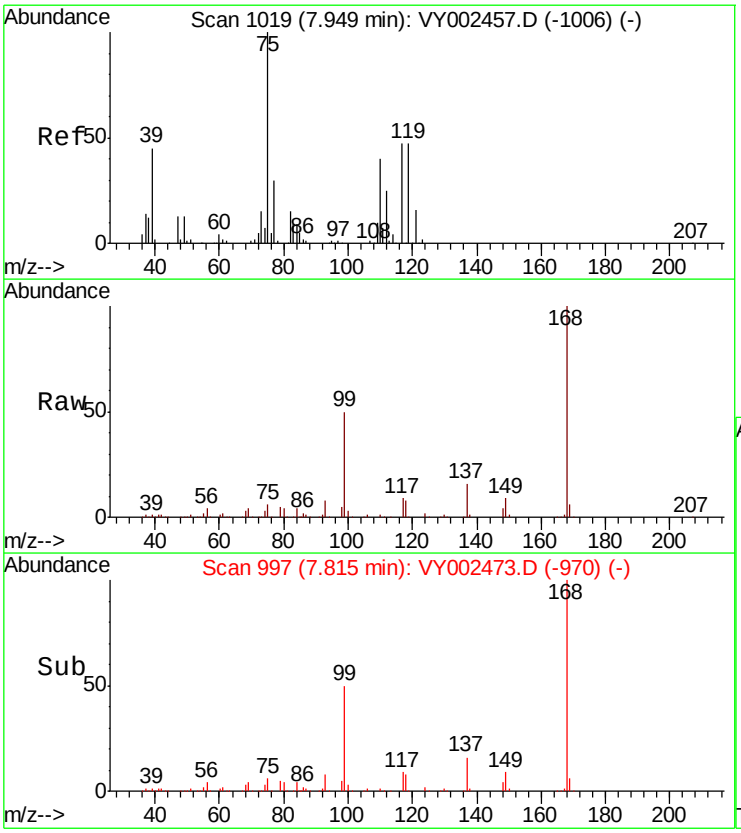
#35
Dibromofluoromethane
Concen: 52.502 ug/l
RT: 7.75 min Scan# 986
Delta R.T. -0.00 min
Lab File: VY002473.D
Acq: 23 Apr 2020 20:23

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:113 Resp: 94089

Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.0	121.4
192	23.2	18.6	27.8

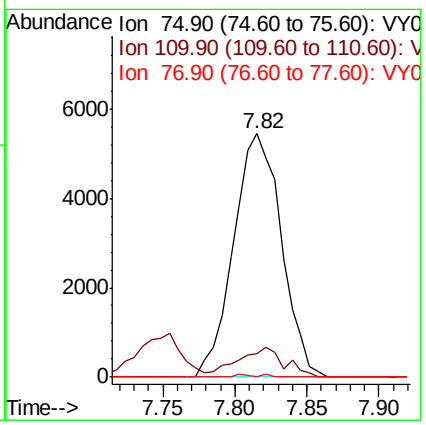


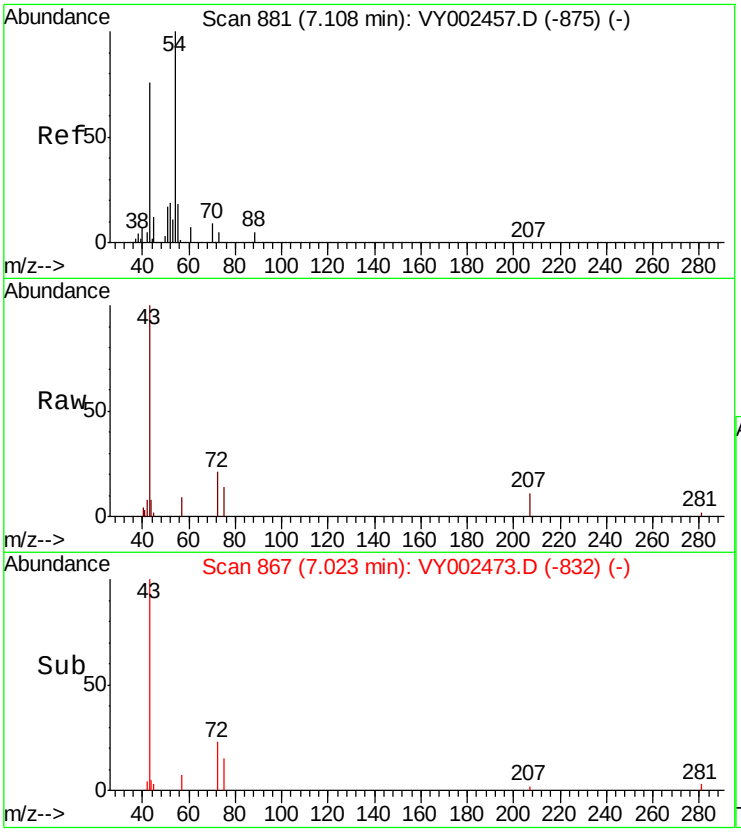


#36
1,1-Dichloropropene
Concen: 4.599 ug/l
RT: 7.82 min Scan# 997
Delta R.T. -0.13 min
Lab File: VY002473.D
Acq: 23 Apr 2020 20:23

Tgt Ion: 75 Resp: 12529

Ion	Ratio	Lower	Upper
75	100		
110	12.1	19.4	58.4#
77	0.0	24.7	37.1#



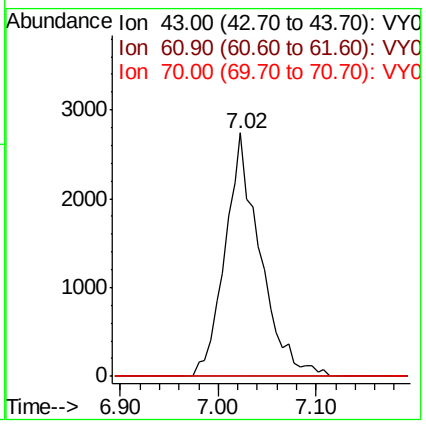


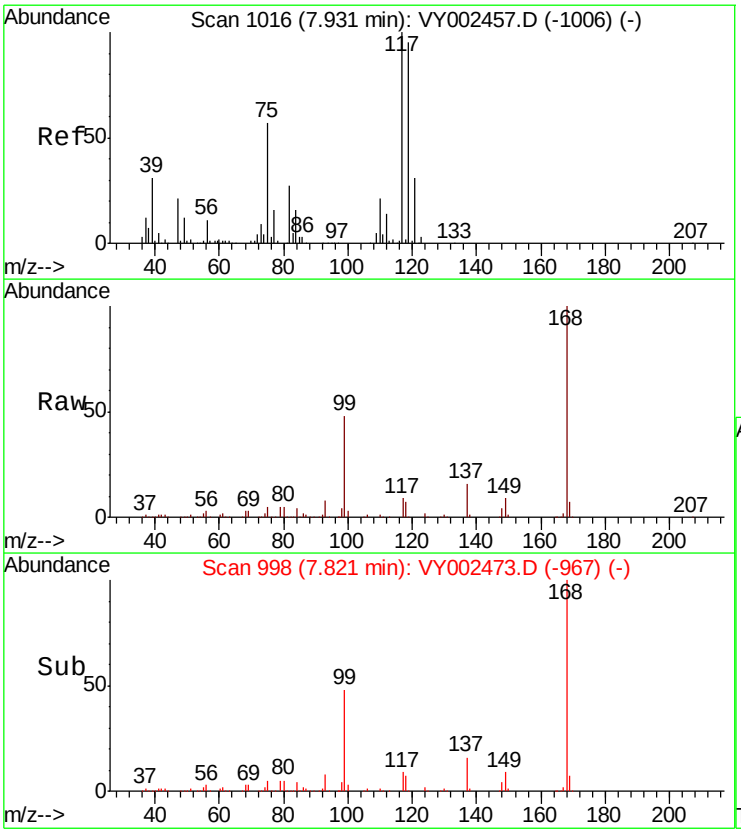
#37
Ethyl Acetate
Concen: 4.973 ug/l
RT: 7.02 min Scan# 867
Delta R.T. -0.09 min
Lab File: VY002473.D
Acq: 23 Apr 2020 20:23

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 6806

Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.8	17.8#
70	0.0	9.3	13.9#

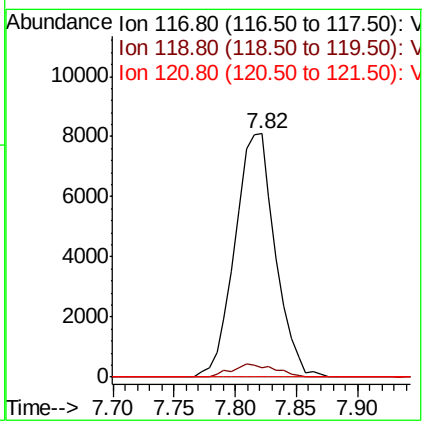


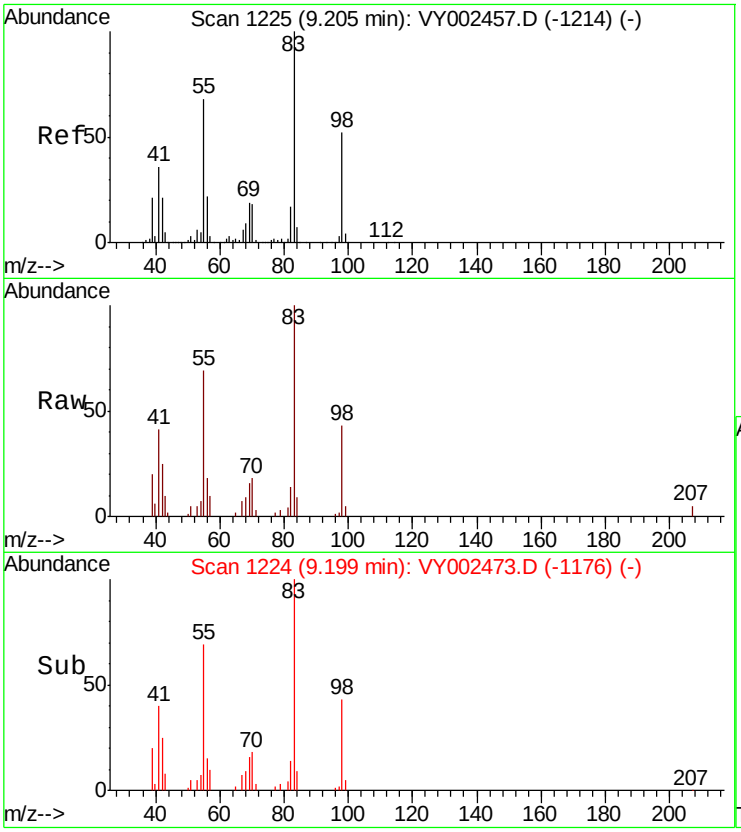


#38
Carbon Tetrachloride
Concen: 5.929 ug/l
RT: 7.82 min Scan# 998
Delta R.T. -0.11 min
Lab File: VY002473.D
Acq: 23 Apr 2020 20:23

Tgt Ion:117 Resp: 18573

Ion	Ratio	Lower	Upper
117	100		
119	4.0	75.9	113.9#
121	0.0	24.5	36.7#



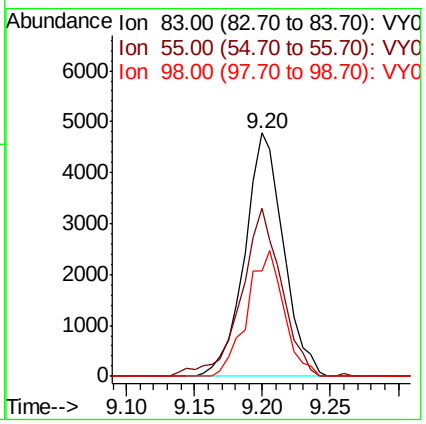


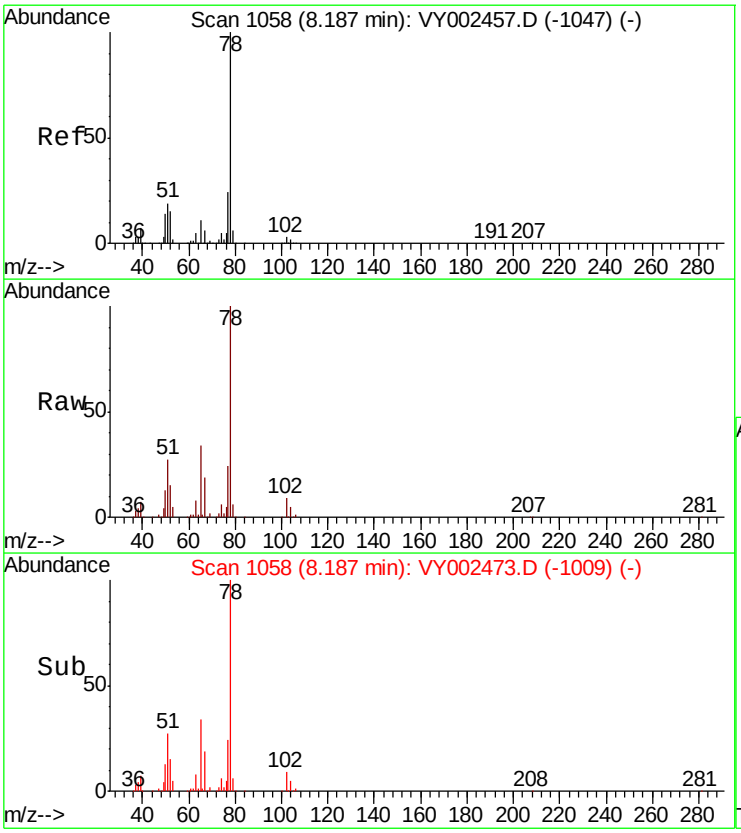
#39
Methylcyclohexane
Concen: 2.684 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. -0.01 min
Lab File: VY002473.D
Acq: 23 Apr 2020 20:23

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 83 Resp: 9540

Ion	Ratio	Lower	Upper
83	100		
55	68.8	54.2	81.2
98	43.1	41.9	62.9

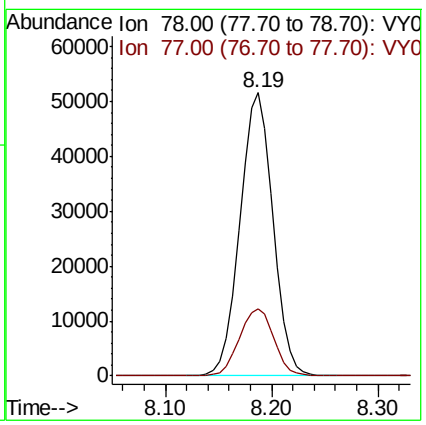


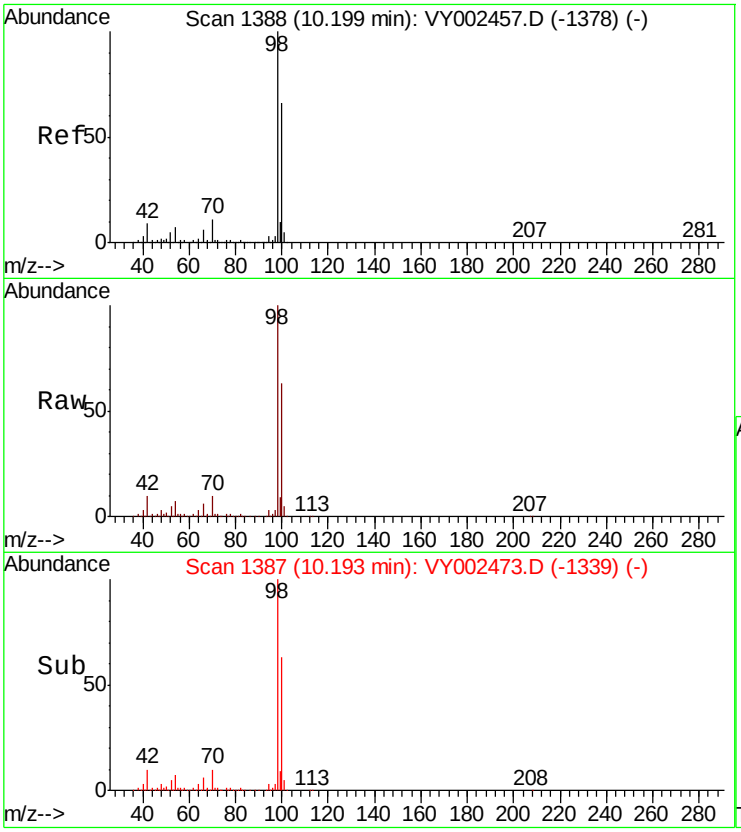


#40
Benzene
Concen: 14.264 ug/l
RT: 8.19 min Scan# 1058
Delta R.T. -0.00 min
Lab File: VY002473.D
Acq: 23 Apr 2020 20:23

Tgt Ion: 78 Resp: 112315

Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.4	29.0



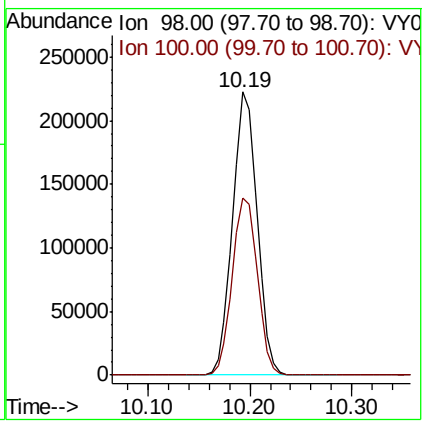


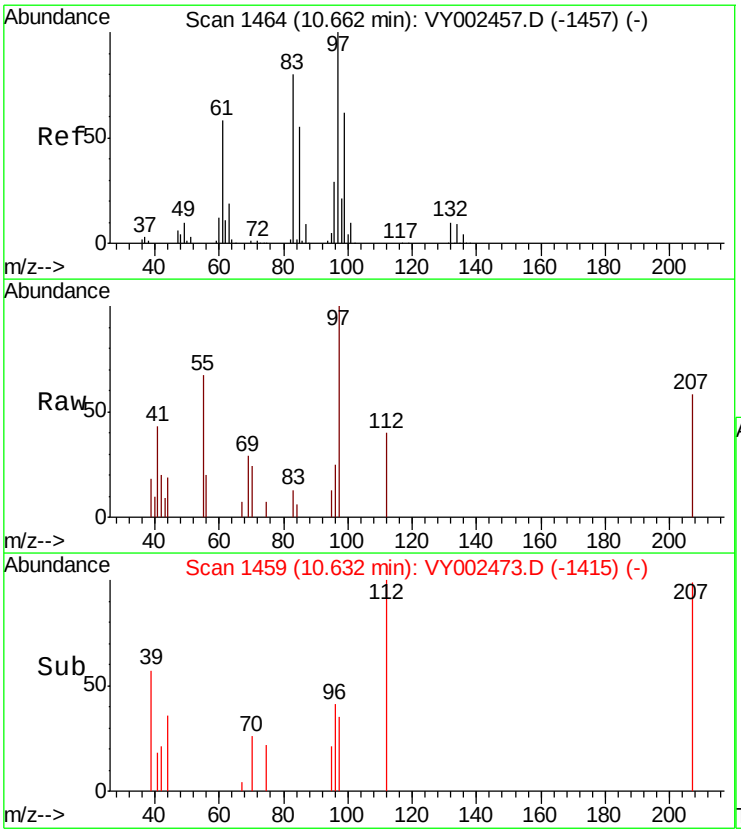
#50
Toluene-d8
Concen: 51.485 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. -0.01 min
Lab File: VY002473.D
Acq: 23 Apr 2020 20:23

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 98 Resp: 370841

Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.1	76.7

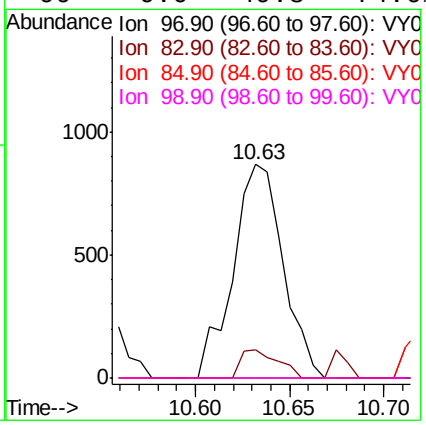


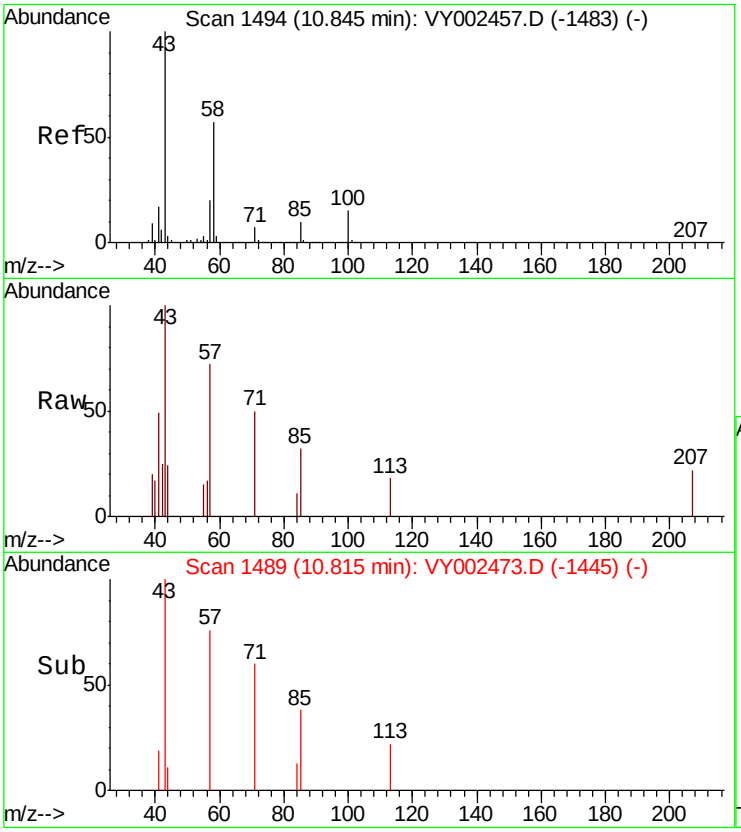


#55
1,1,2-Trichloroethane
Concen: 1.015 ug/l
RT: 10.63 min Scan# 1459
Delta R.T. -0.03 min
Lab File: VY002473.D
Acq: 23 Apr 2020 20:23

Tgt Ion: 97 Resp: 1593

Ion	Ratio	Lower	Upper
97	100		
83	13.1	63.8	95.8#
85	0.0	43.9	65.9#
99	0.0	49.8	74.6#



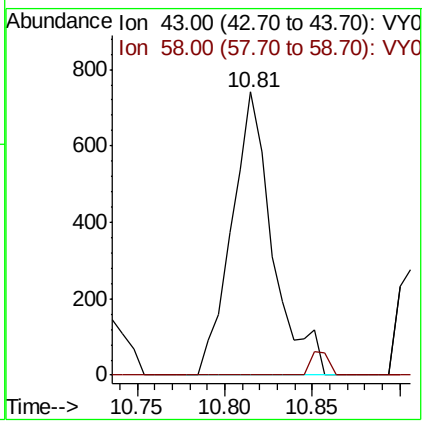


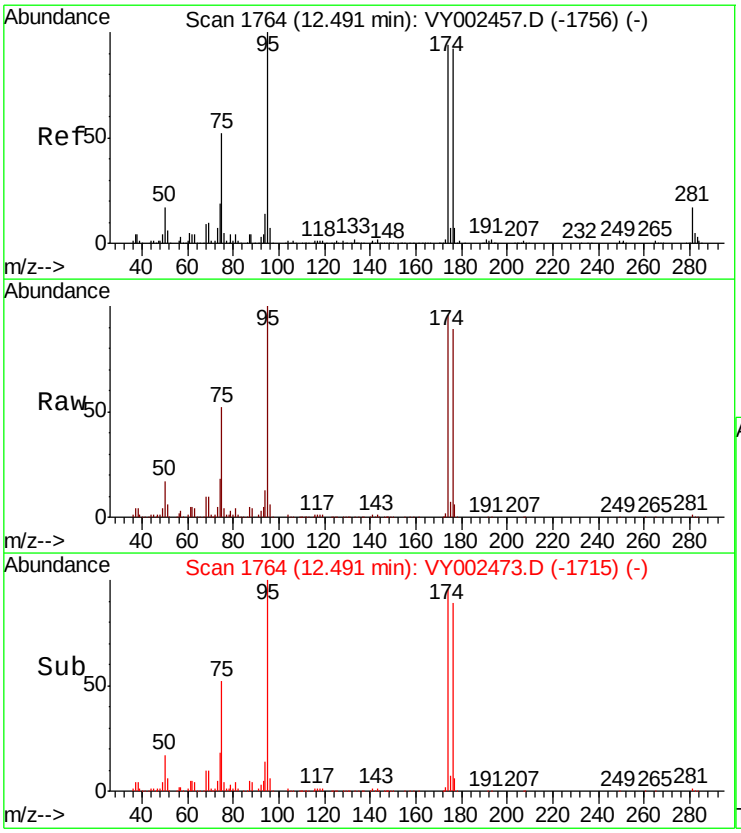
#59
2-Hexanone
Concen: 1.300 ug/l
RT: 10.81 min Scan# 1489
Delta R.T. -0.03 min
Lab File: VY002473.D
Acq: 23 Apr 2020 20:23

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 1205

Ion	Ratio	Lower	Upper
43	100		
58	0.0	28.8	86.4#

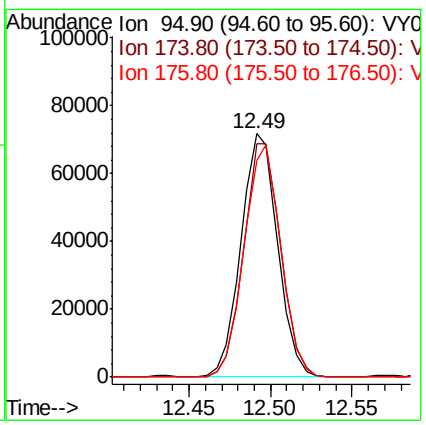


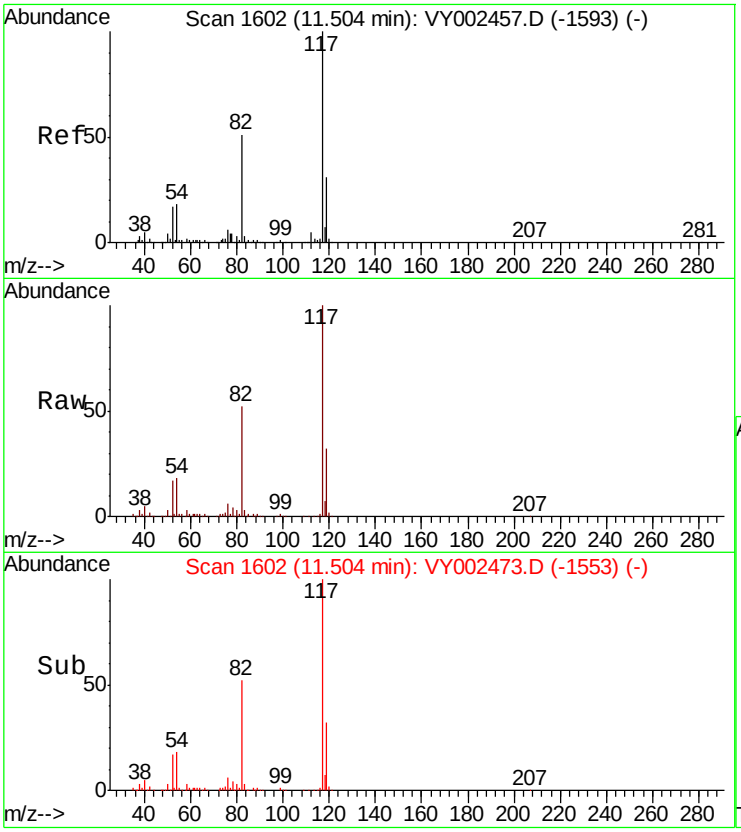


#62
4-Bromofluorobenzene
Concen: 46.255 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. -0.00 min
Lab File: VY002473.D
Acq: 23 Apr 2020 20:23

Tgt Ion: 95 Resp: 111793

Ion	Ratio	Lower	Upper
95	100		
174	97.6	0.0	193.0
176	95.5	0.0	190.4



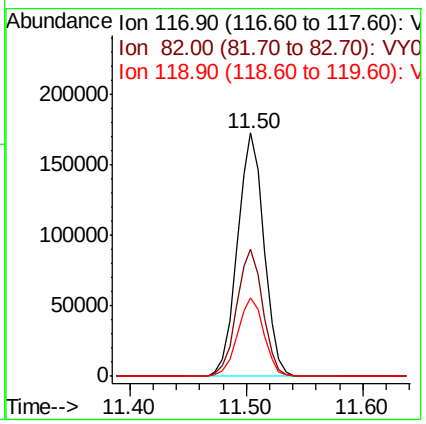


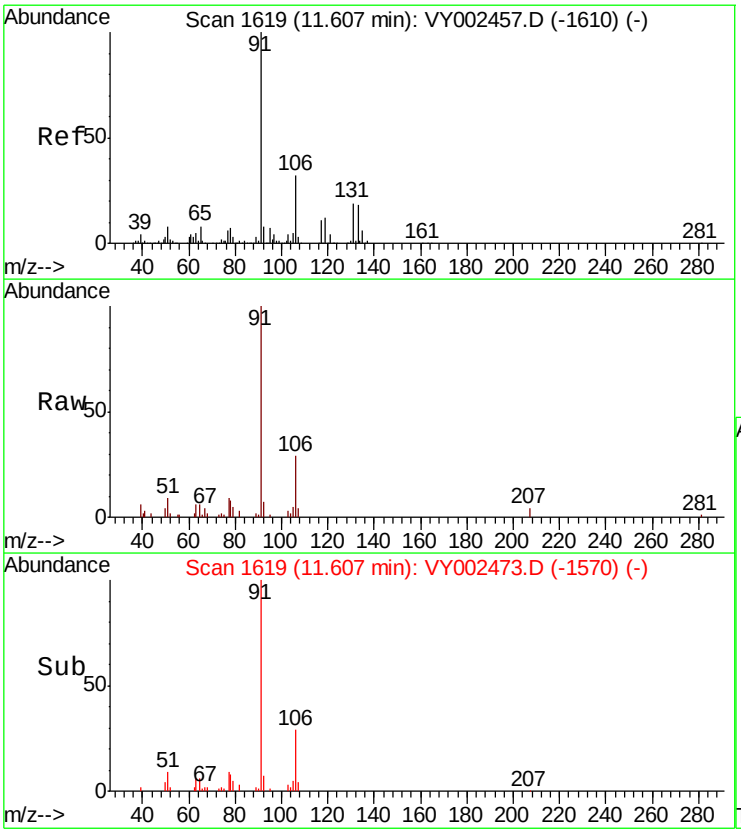
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. -0.00 min
Lab File: VY002473.D
Acq: 23 Apr 2020 20:23

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 273709

Ion	Ratio	Lower	Upper
117	100		
82	52.2	40.8	61.2
119	32.1	25.2	37.8

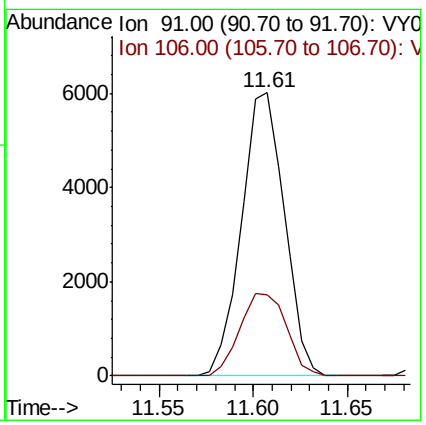


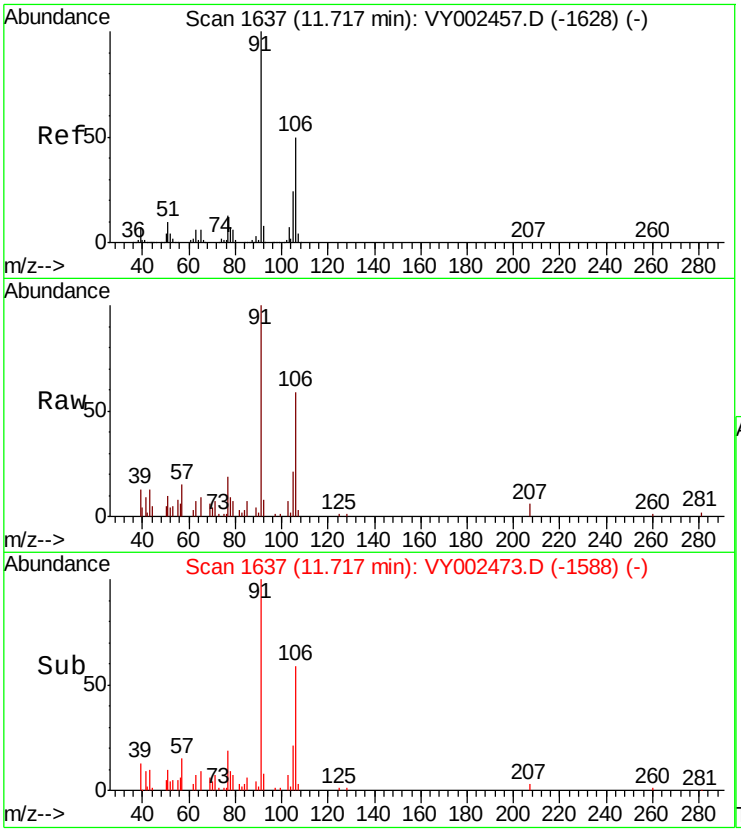


#67
Ethyl Benzene
Concen: 1.011 ug/l
RT: 11.61 min Scan# 1619
Delta R.T. -0.00 min
Lab File: VY002473.D
Acq: 23 Apr 2020 20:23

Tgt Ion: 91 Resp: 9509

Ion	Ratio	Lower	Upper
91	100		
106	28.5	25.8	38.6



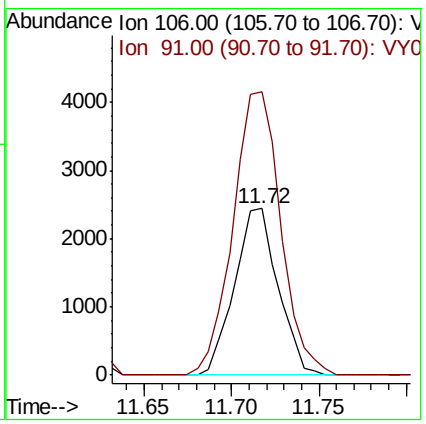


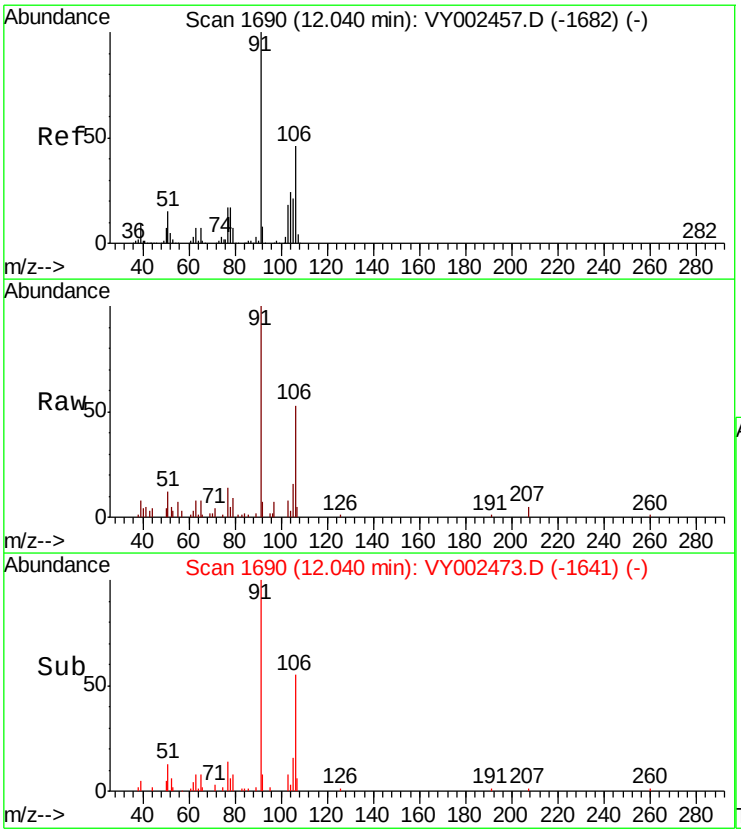
#68
m/p-Xylenes
Concen: 1.166 ug/l
RT: 11.72 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VY002473.D
Acq: 23 Apr 2020 20:23

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:106 Resp: 4220

Ion	Ratio	Lower	Upper
106	100		
91	186.9	159.8	239.6

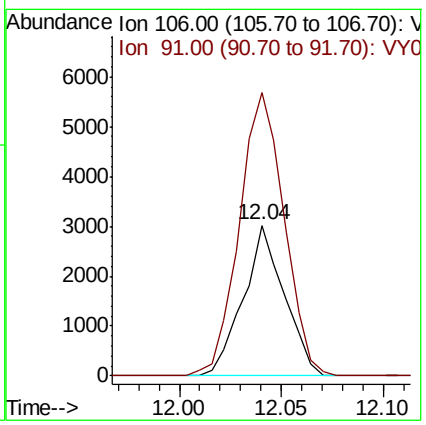


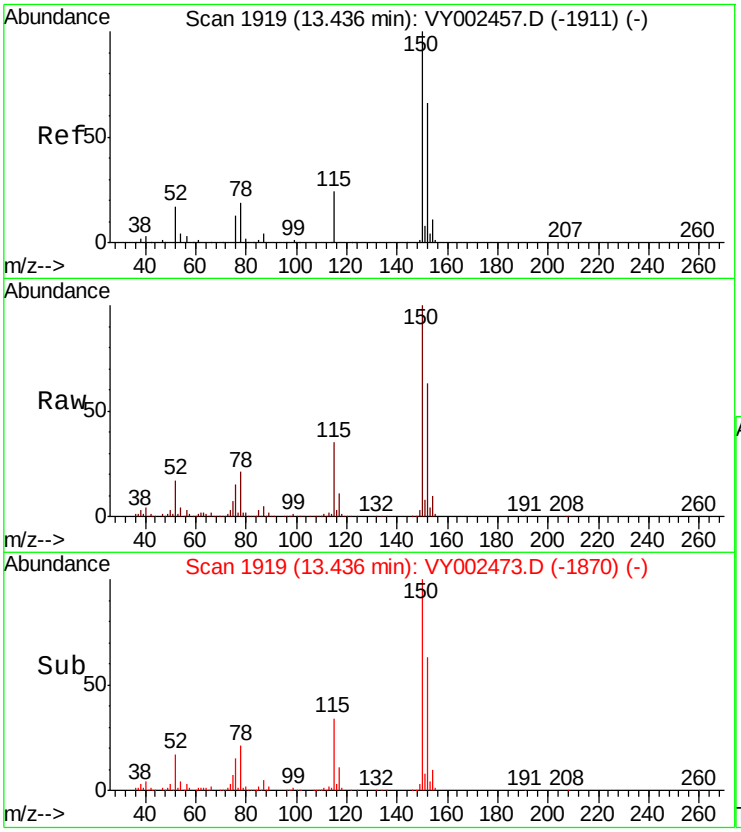


#69
o-Xylene
Concen: 1.262 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY002473.D
Acq: 23 Apr 2020 20:23

Tgt Ion:106 Resp: 4232

Ion	Ratio	Lower	Upper
106	100		
91	205.1	104.5	313.3



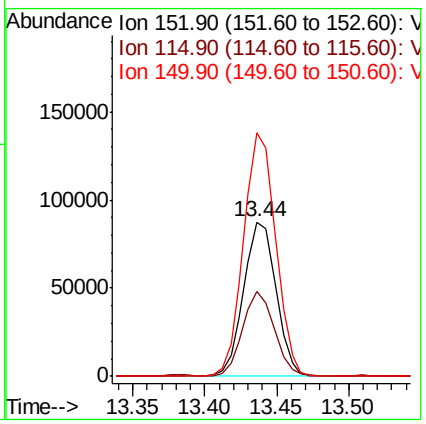


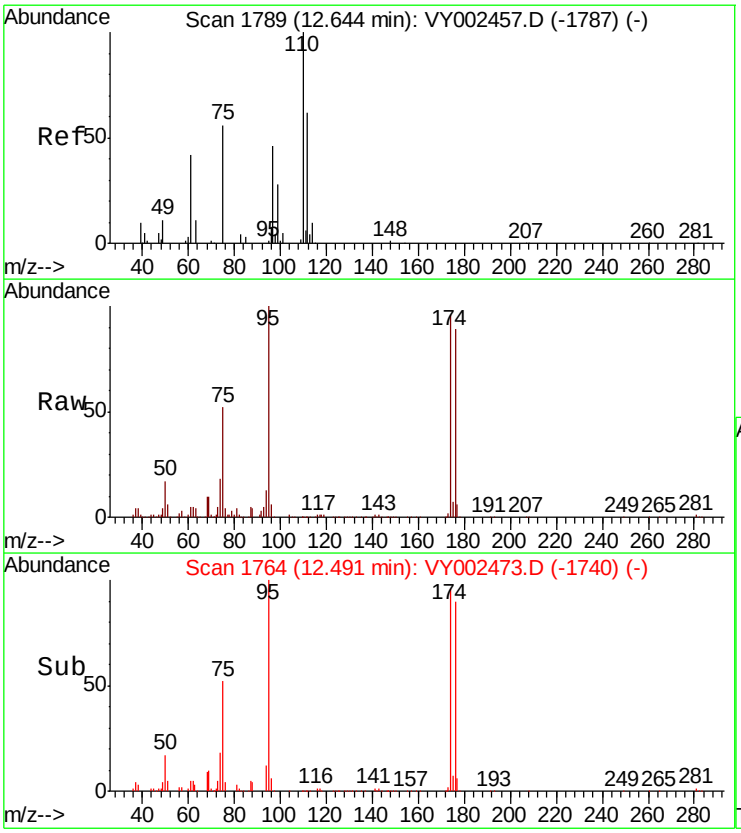
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. -0.00 min
Lab File: VY002473.D
Acq: 23 Apr 2020 20:23

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:152 Resp: 136015

Ion	Ratio	Lower	Upper
152	100		
115	54.0	27.3	81.8
150	156.1	0.0	346.8

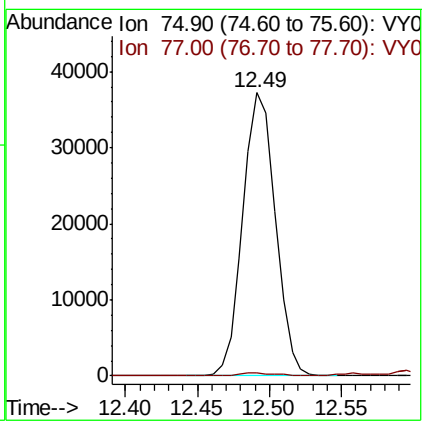


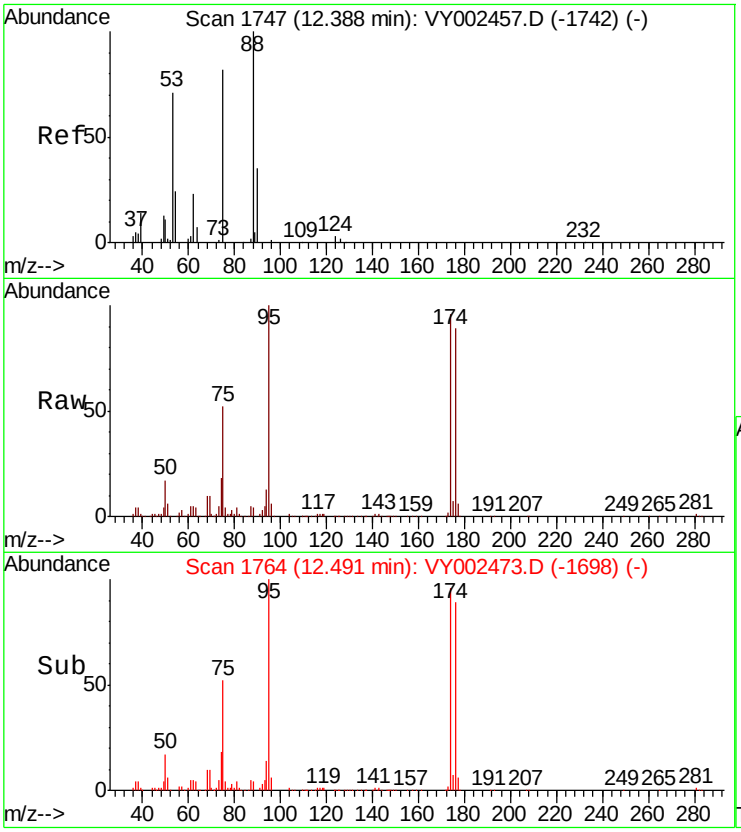


#76
1,2,3-Trichloropropane
Concen: 50.620 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. -0.15 min
Lab File: VY002473.D
Acq: 23 Apr 2020 20:23

Tgt Ion: 75 Resp: 58355

Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#



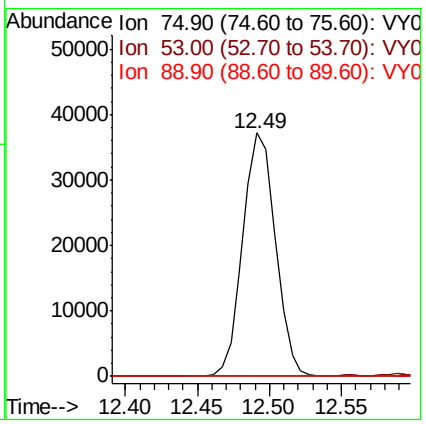


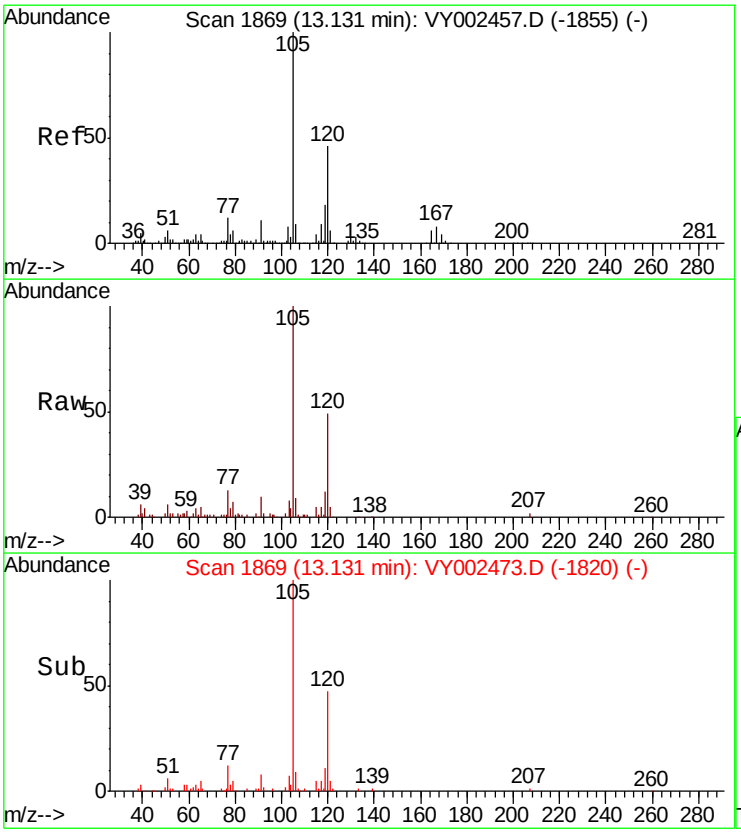
#81
trans-1,4-Dichloro-2-butene
Concen: 93.671 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.10 min
Lab File: VY002473.D
Acq: 23 Apr 2020 20:23

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 58355

Ion	Ratio	Lower	Upper
75	100		
53	0.0	70.0	105.0#
89	0.0	34.9	52.3#

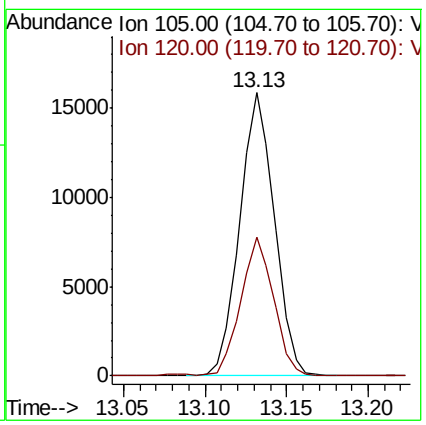


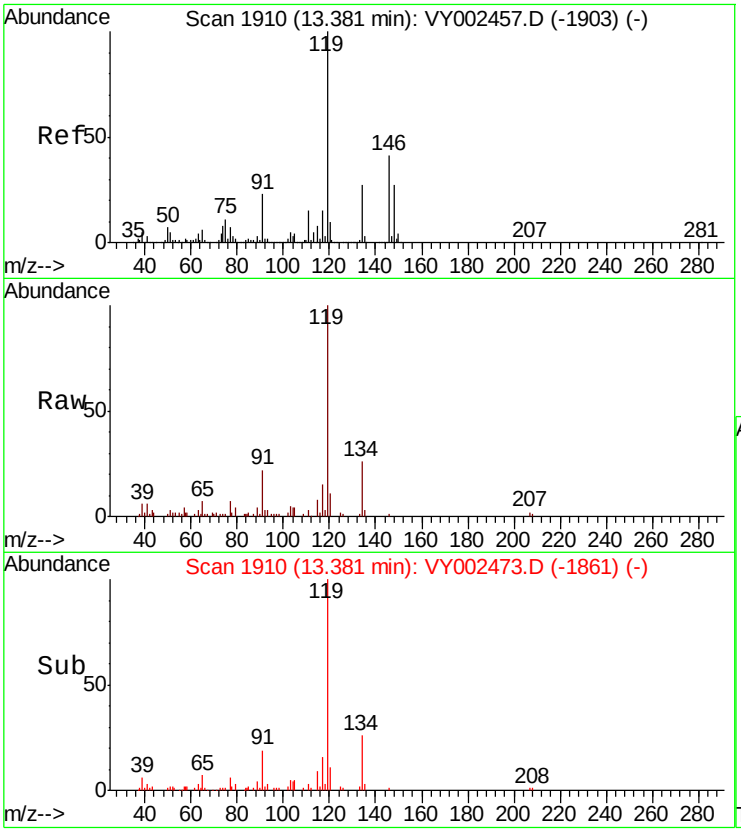


#84
1,2,4-Trimethylbenzene
Concen: 3.166 ug/l
RT: 13.13 min Scan# 1869
Delta R.T. -0.00 min
Lab File: VY002473.D
Acq: 23 Apr 2020 20:23

Tgt Ion:105 Resp: 23441

Ion	Ratio	Lower	Upper
105	100		
120	46.7	23.1	69.2



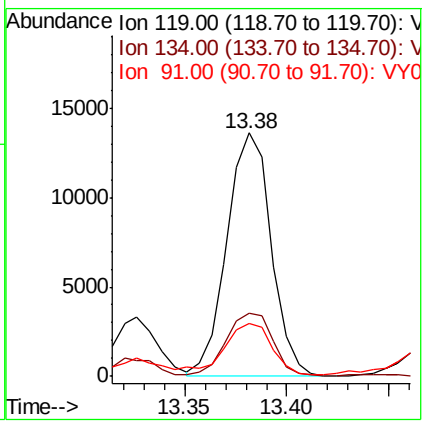


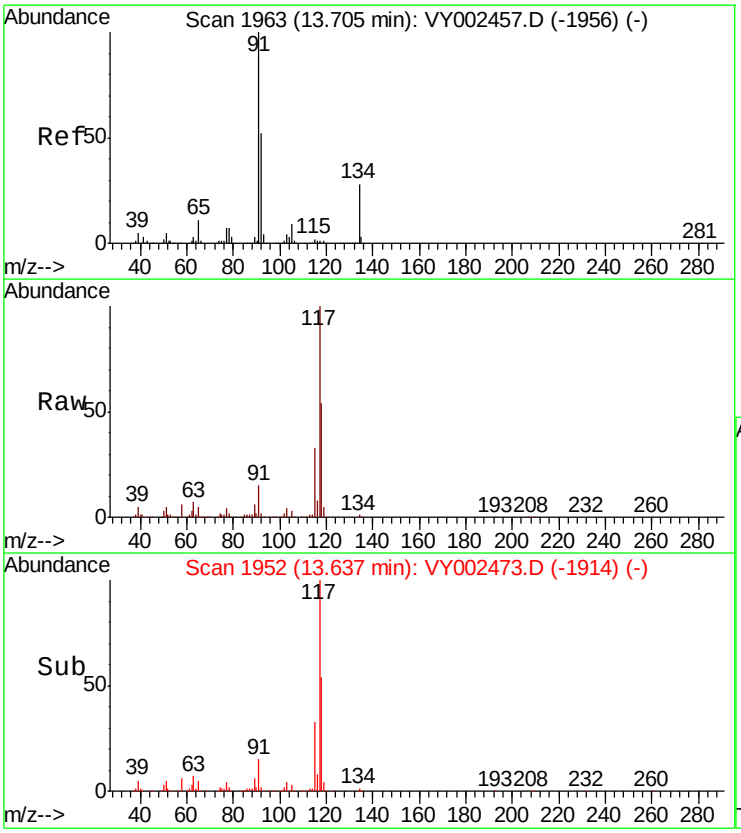
#86
p-Isopropyltoluene
Concen: 2.396 ug/l
RT: 13.38 min Scan# 1910
Delta R.T. -0.00 min
Lab File: VY002473.D
Acq: 23 Apr 2020 20:23

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:119 Resp: 20501

Ion	Ratio	Lower	Upper
119	100		
134	27.3	13.5	40.5
91	21.5	11.5	34.4

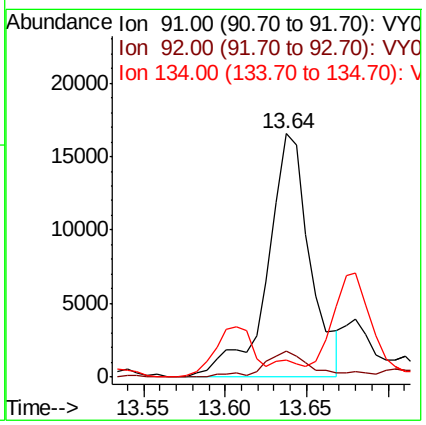


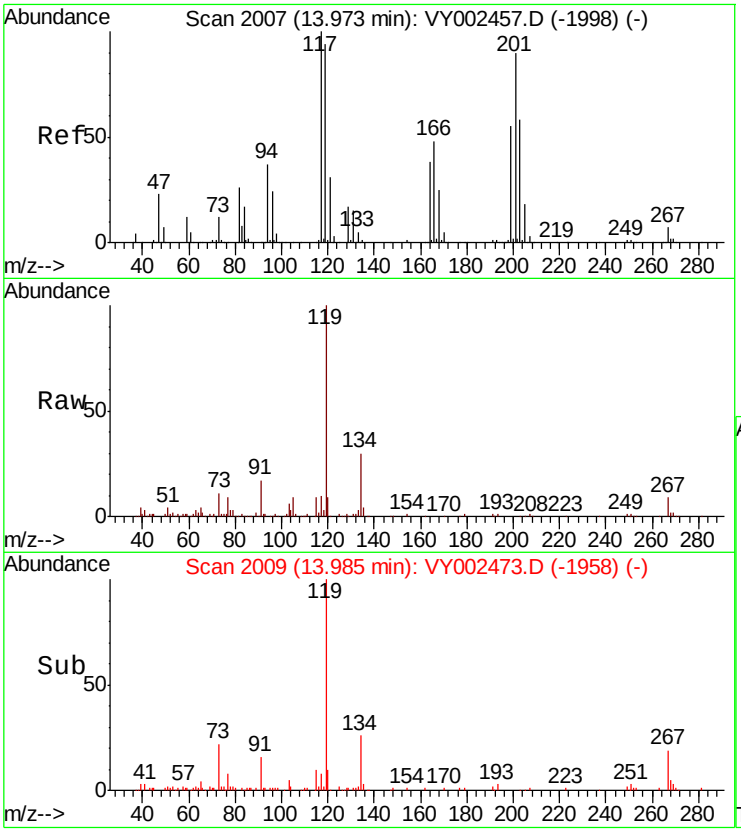


#89
n-Butylbenzene
Concen: 3.813 ug/l
RT: 13.64 min Scan# 1952
Delta R.T. -0.07 min
Lab File: VY002473.D
Acq: 23 Apr 2020 20:23

Tgt Ion: 91 Resp: 30104

Ion	Ratio	Lower	Upper
91	100		
92	12.4	26.5	79.4#
134	0.0	14.3	42.9#



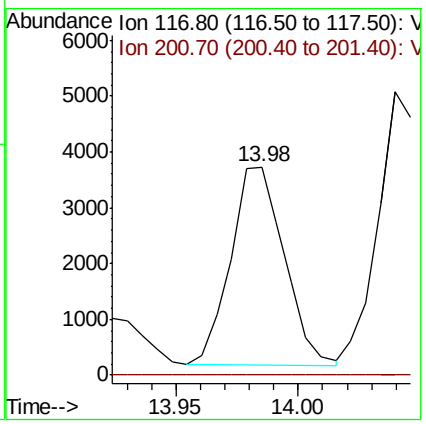


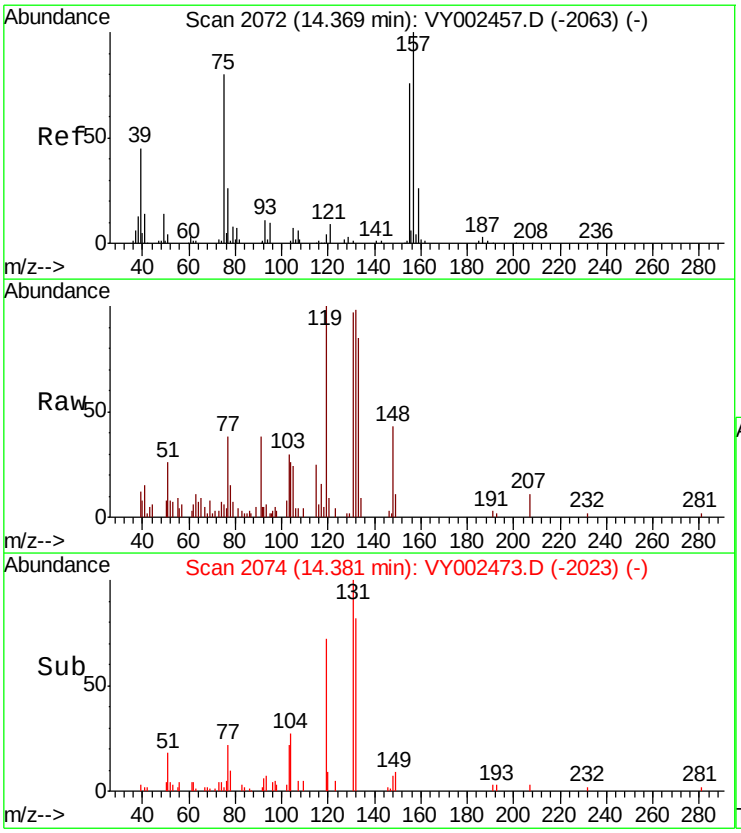
#90
Hexachloroethane
Concen: 3.478 ug/l
RT: 13.98 min Scan# 2009
Delta R.T. 0.01 min
Lab File: VY002473.D
Acq: 23 Apr 2020 20:23

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 5380

Ion	Ratio	Lower	Upper
117	100		
201	0.0	44.4	133.1#

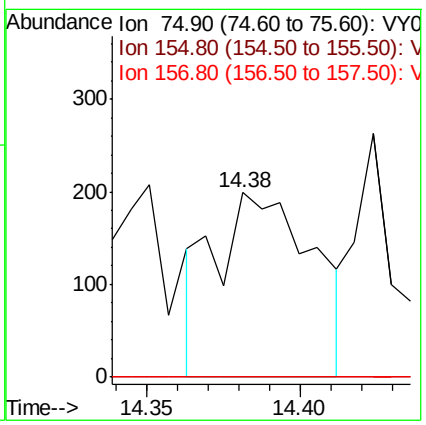


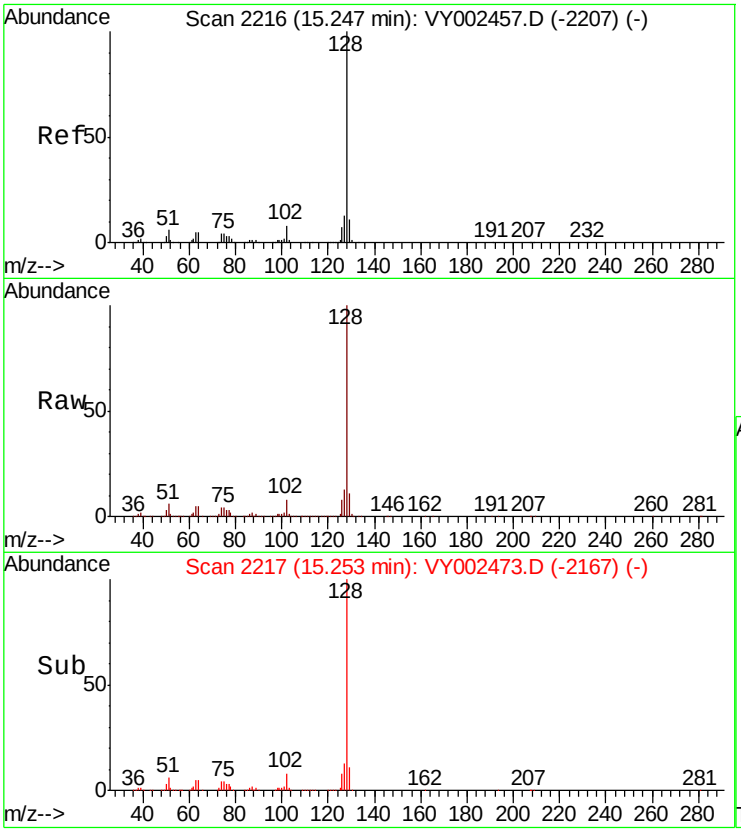


#92
1,2-Dibromo-3-Chloropropane
Concen: 1.598 ug/l
RT: 14.38 min Scan# 2074
Delta R.T. 0.01 min
Lab File: VY002473.D
Acq: 23 Apr 2020 20:23

Tgt Ion: 75 Resp: 443

Ion	Ratio	Lower	Upper
75	100		
155	0.0	49.6	149.0#
157	0.0	62.6	187.9#





#95
Naphthalene
Concen: 422.890 ug/l
RT: 15.25 min Scan# 2217
Delta R.T. 0.01 min
Lab File: VY002473.D
Acq: 23 Apr 2020 20:23

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:128 Resp: 2248580

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.5	15.7
129	11.0	8.8	13.2