Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY042020\
Data File : VY002423.D
Acq On : 20 Apr 2020 14:38
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId :

Quant Time: Apr 20 14:59:15 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042020S.M
Quant Title : SW846 8260
QLast Update : Mon Apr 20 14:34:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	269027	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	413839	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	369971	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	178374	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	192140	68.14	ug/l	0.00
Spiked Amount 50.000			Recovery = 136.28%			
35) Dibromofluoromethane	7.74	113	215366	89.16	ug/l	0.00
Spiked Amount 50.000			Recovery = 178.32%			
50) Toluene-d8	10.19	98	842459	84.07	ug/l	0.00
Spiked Amount 50.000			Recovery = 168.14%			
62) 4-Bromofluorobenzene	12.48	95	278803	84.55	ug/l	0.00
Spiked Amount 50.000			Recovery = 169.10%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.91	85	178611	69.070	ug/l	98
3) Chloromethane	2.12	50	216482	66.849	ug/l	99
4) Vinyl Chloride	2.26	62	241041	69.602	ug/l	98
5) Bromomethane	2.65	94	146814	68.684	ug/l	99
6) Chloroethane	2.80	64	141493	70.971	ug/l	98
7) Trichlorofluoromethane	3.13	101	369853	81.013	ug/l	97
8) Diethyl Ether	3.54	74	152199	79.200	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.91	101	241942	78.332	ug/l	99
10) Methyl Iodide	4.11	142	377532	101.933	ug/l	99
11) Tert butyl alcohol	4.99	59	113620	301.846	ug/l	100
12) 1,1-Dichloroethene	3.89	96	256034	81.266	ug/l	99
13) Acrolein	3.74	56	130487	355.615	ug/l	100
14) Allyl chloride	4.50	41	320693	65.478	ug/l	99
15) Acrylonitrile	5.19	53	342424	353.366	ug/l	99
16) Acetone	3.96	43	285288	382.273	ug/l	98
17) Carbon Disulfide	4.21	76	797800	77.119	ug/l	98
18) Methyl Acetate	4.50	43	151629	66.223	ug/l	97
19) Methyl tert-butyl Ether	5.24	73	614308	75.494	ug/l	98
20) Methylene Chloride	4.74	84	272632	72.877	ug/l	96
21) trans-1,2-Dichloroethene	5.24	96	274775	78.120	ug/l	99
22) Diisopropyl ether	6.14	45	606572	61.681	ug/l	96
23) Vinyl Acetate	6.08	43	2009181	319.689	ug/l	99
24) 1,1-Dichloroethane	6.04	63	397290	69.878	ug/l	100
25) 2-Butanone	7.01	43	387665	331.143	ug/l	100
26) 2,2-Dichloropropane	7.00	77	344916	71.852	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	298614	78.018	ug/l	99
28) Bromochloromethane	7.35	49	147067	61.198	ug/l	99
29) Tetrahydrofuran	7.36	42	242743	314.607	ug/l	99
30) Chloroform	7.52	83	404544	74.727	ug/l	97
31) Cyclohexane	7.80	56	371091	62.554	ug/l	98
32) 1,1,1-Trichloroethane	7.72	97	362790	80.123	ug/l	100
36) 1,1-Dichloropropene	7.93	75	330467	83.309	ug/l	99
37) Ethyl Acetate	7.10	43	159436	71.738	ug/l	99
38) Carbon Tetrachloride	7.92	117	338739	97.202	ug/l	98

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY042020\
Data File : VY002423.D
Acq On : 20 Apr 2020 14:38
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId :

Quant Time: Apr 20 14:59:15 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042020S.M
Quant Title : SW846 8260
QLast Update : Mon Apr 20 14:34:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
39) Methylcyclohexane	9.19	83	454432	83.981 ug/l		98
40) Benzene	8.17	78	1024118	84.865 ug/l		98
41) Methacrylonitrile	7.36	41	216779	165.958 ug/l	#	1
42) 1,2-Dichloroethane	8.25	62	245799	82.651 ug/l		99
43) Isopropyl Acetate	8.28	43	303823	75.099 ug/l		99
44) Trichloroethene	8.95	130	341246	93.797 ug/l		97
45) 1,2-Dichloropropane	9.23	63	234026	79.205 ug/l		100
46) Dibromomethane	9.31	93	138364	87.927 ug/l		100
47) Bromodichloromethane	9.51	83	315144	87.501 ug/l		97
48) Methyl methacrylate	9.30	41	135434	74.551 ug/l		99
49) 1,4-Dioxane	9.31	88	41614	1859.914 ug/l		93
51) 4-Methyl-2-Pentanone	10.08	43	780113	368.577 ug/l		100
52) Toluene	10.25	92	646529	88.438 ug/l		100
53) t-1,3-Dichloropropene	10.47	75	343521	87.947 ug/l		99
54) cis-1,3-Dichloropropene	9.94	75	403198	85.923 ug/l		95
55) 1,1,2-Trichloroethane	10.66	97	207399	89.873 ug/l		99
56) Ethyl methacrylate	10.52	69	279035	85.997 ug/l		99
57) 1,3-Dichloropropane	10.80	76	340129	84.722 ug/l		100
58) 2-Chloroethyl Vinyl ether	9.79	63	642043	381.365 ug/l		100
59) 2-Hexanone	10.84	43	566209	385.741 ug/l		98
60) Dibromochloromethane	10.99	129	255962	102.033 ug/l		100
61) 1,2-Dibromoethane	11.10	107	205599	93.026 ug/l		99
64) Tetrachloroethene	10.73	164	389948	102.892 ug/l		97
65) Chlorobenzene	11.52	112	709520	93.149 ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.59	131	250618	98.834 ug/l		99
67) Ethyl Benzene	11.60	91	1214548	87.982 ug/l		99
68) m/p-Xylenes	11.71	106	946608	181.903 ug/l		100
69) o-Xylene	12.03	106	444699	91.024 ug/l		99
70) Styrene	12.05	104	769936	90.968 ug/l		99
71) Bromoform	12.22	173	160158	113.878 ug/l		98
73) Isopropylbenzene	12.34	105	1178505	86.428 ug/l		100
74) N-amyl acetate	12.15	43	271717	72.155 ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.59	83	155028	93.807 ug/l		100
76) 1,2,3-Trichloropropane	12.64	75	297413	149.956 ug/l	#	100
77) Bromobenzene	12.61	156	296277	96.699 ug/l		98
78) n-propylbenzene	12.68	91	1389972	82.467 ug/l		99
79) 2-Chlorotoluene	12.77	91	757987	82.704 ug/l		100
80) 1,3,5-Trimethylbenzene	12.82	105	967028	85.809 ug/l		99
81) trans-1,4-Dichloro-2-buten	12.39	75	86360	84.505 ug/l		100
82) 4-Chlorotoluene	12.86	91	792006	82.450 ug/l	#	100
83) tert-Butylbenzene	13.08	119	828544	87.437 ug/l		99
84) 1,2,4-Trimethylbenzene	13.13	105	967031	85.875 ug/l		98
85) sec-Butylbenzene	13.26	105	1171775	83.217 ug/l		99
86) p-Isopropyltoluene	13.38	119	1065459	87.419 ug/l		99
87) 1,3-Dichlorobenzene	13.38	146	537940	91.082 ug/l		100
88) 1,4-Dichlorobenzene	13.45	146	548955	91.451 ug/l		99
89) n-Butylbenzene	13.70	91	995259	80.598 ug/l		99
90) Hexachloroethane	13.97	117	208011	89.738 ug/l		97
91) 1,2-Dichlorobenzene	13.75	146	491676	91.593 ug/l		99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	34522	87.049 ug/l		97

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY042020\
Data File : VY002423.D
Acq On : 20 Apr 2020 14:38
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId :

Quant Time: Apr 20 14:59:15 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042020S.M
Quant Title : SW846 8260
QLast Update : Mon Apr 20 14:34:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	353522	98.979	ug/l	100
94) Hexachlorobutadiene	15.12	225	191963	105.457	ug/l	99
95) Naphthalene	15.25	128	727090	95.109	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	310629	100.203	ug/l	100

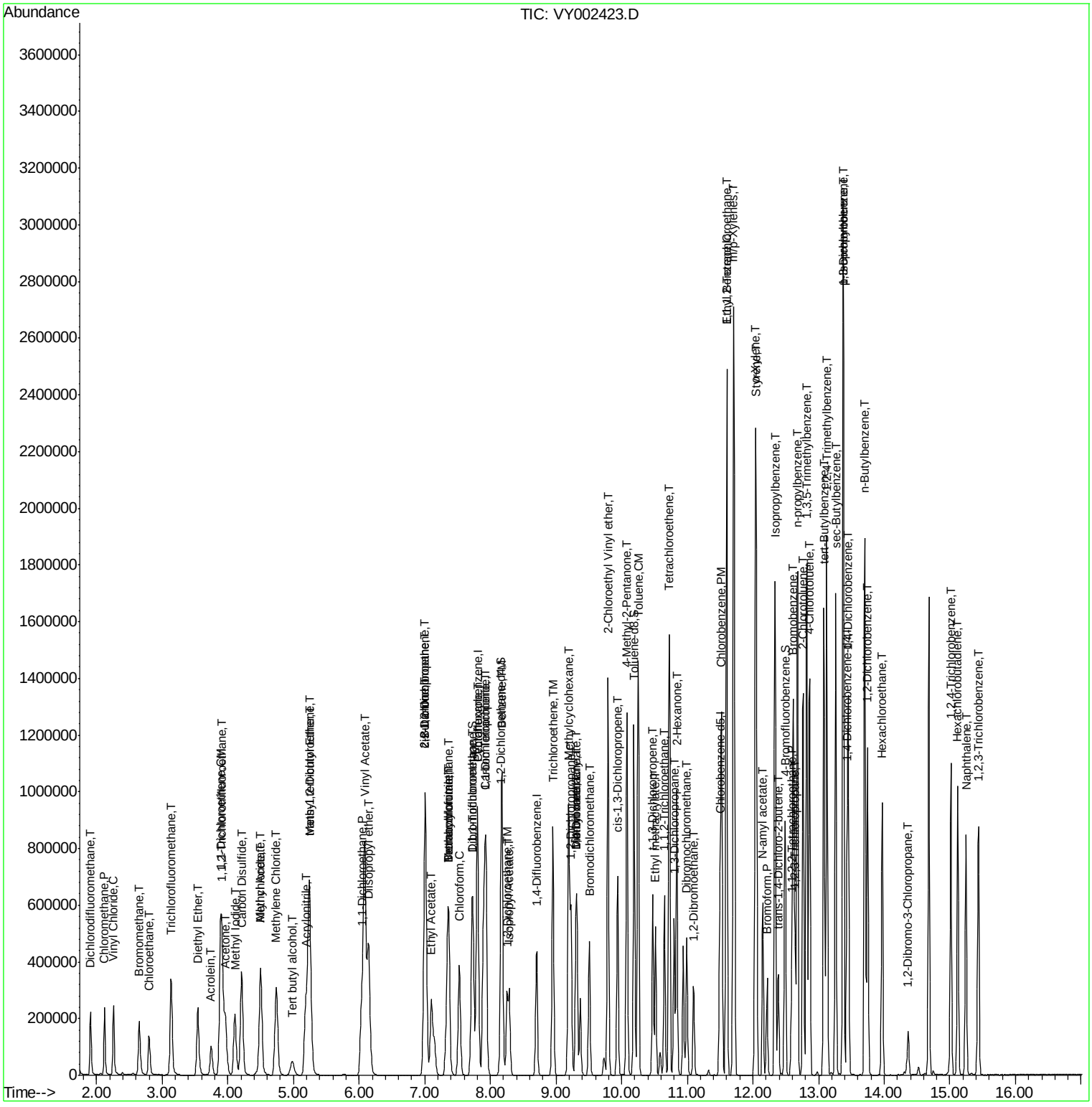
(#) = qualifier out of range (m) = manual integration (+) = signals summed

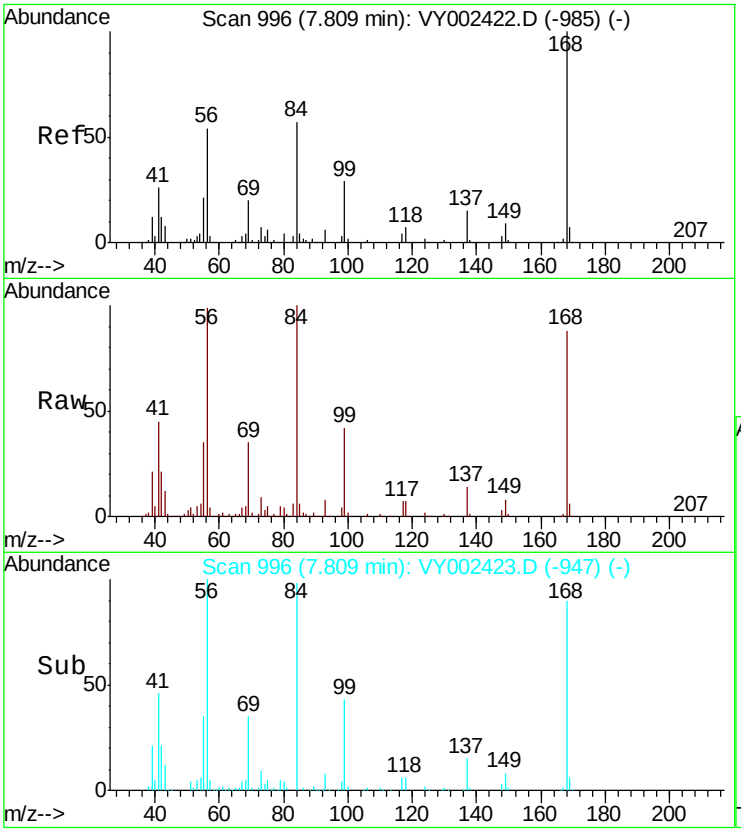
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY042020\
Data File : VY002423.D
Acq On : 20 Apr 2020 14:38
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Apr 20 14:59:15 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042020S.M
Quant Title : SW846 8260
QLast Update : Mon Apr 20 14:34:58 2020
Response via : Initial Calibration



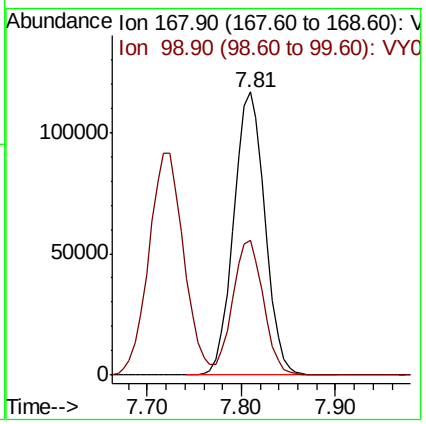


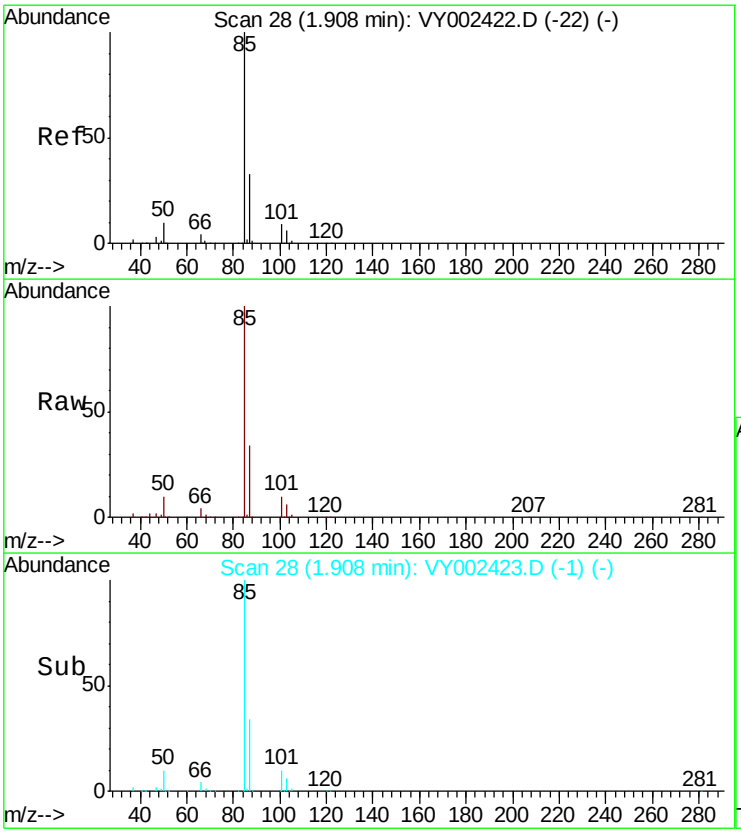
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.81 min Scan# 996
Delta R.T. -0.00 min
Lab File: VY002423.D
Acq: 20 Apr 2020 14:38

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 269027

Ion	Ratio	Lower	Upper
168	100		
99	47.8	37.0	55.4

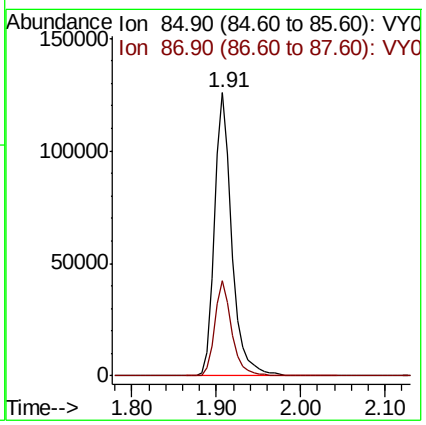


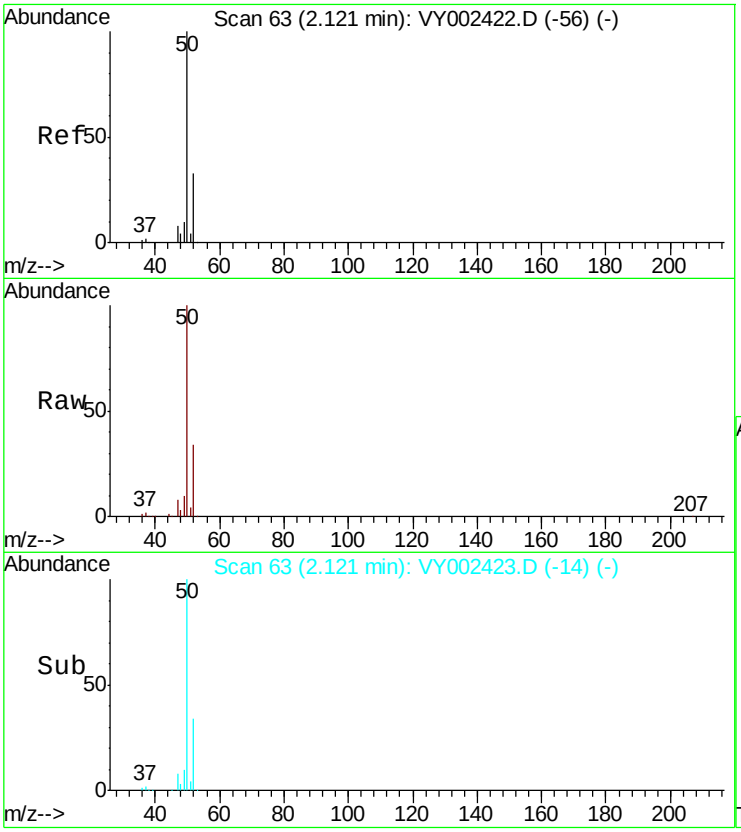


#2
Dichlorodifluoromethane
Concen: 69.070 ug/l
RT: 1.91 min Scan# 28
Delta R.T. -0.00 min
Lab File: VY002423.D
Acq: 20 Apr 2020 14:38

Tgt Ion: 85 Resp: 178611

Ion	Ratio	Lower	Upper
85	100		
87	33.8	16.4	49.1



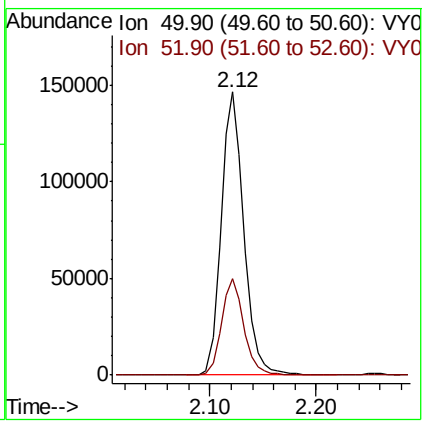


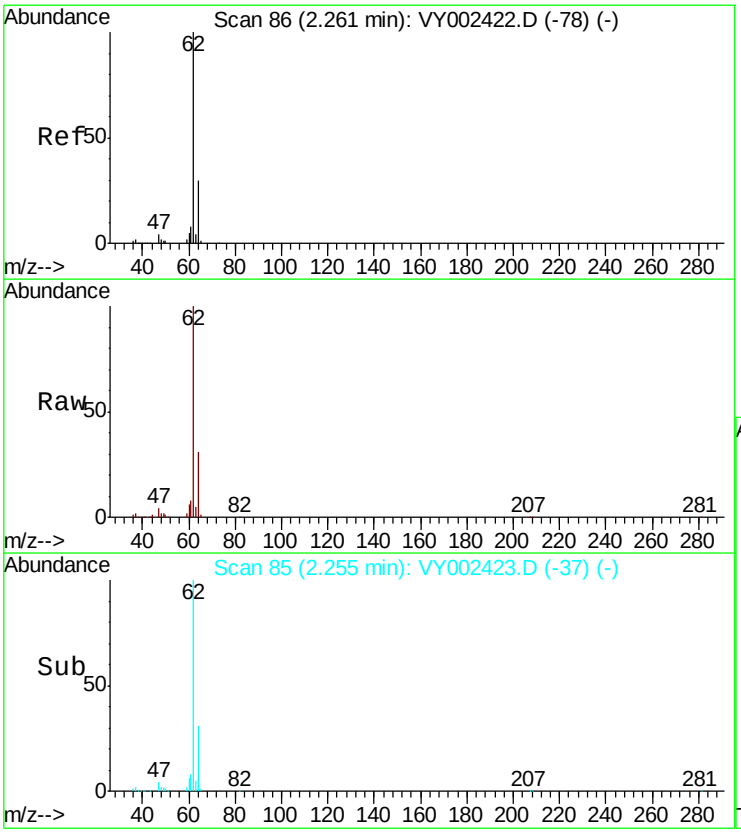
#3
Chloromethane
Concen: 66.849 ug/l
RT: 2.12 min Scan# 63
Delta R.T. -0.00 min
Lab File: VY002423.D
Acq: 20 Apr 2020 14:38

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 50 Resp: 216482

Ion	Ratio	Lower	Upper
50	100		
52	33.9	26.7	40.1

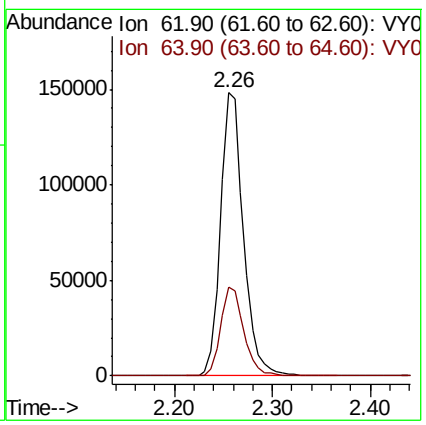


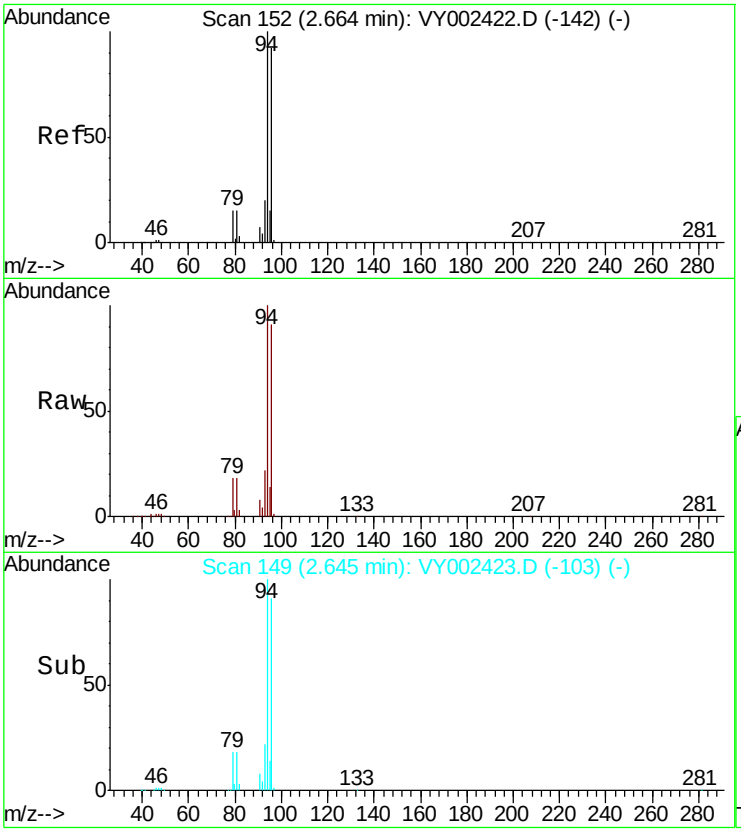


#4
Vinyl Chloride
Concen: 69.602 ug/l
RT: 2.26 min Scan# 85
Delta R.T. -0.01 min
Lab File: VY002423.D
Acq: 20 Apr 2020 14:38

Tgt Ion: 62 Resp: 241041

Ion	Ratio	Lower	Upper
62	100		
64	31.4	24.1	36.1



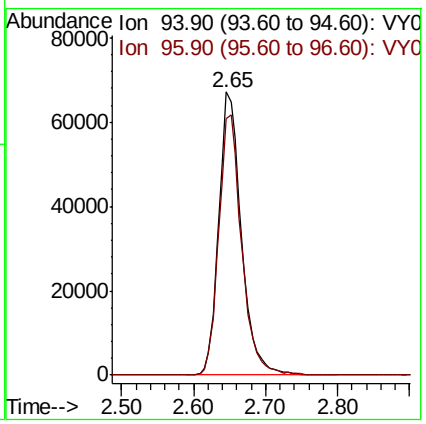


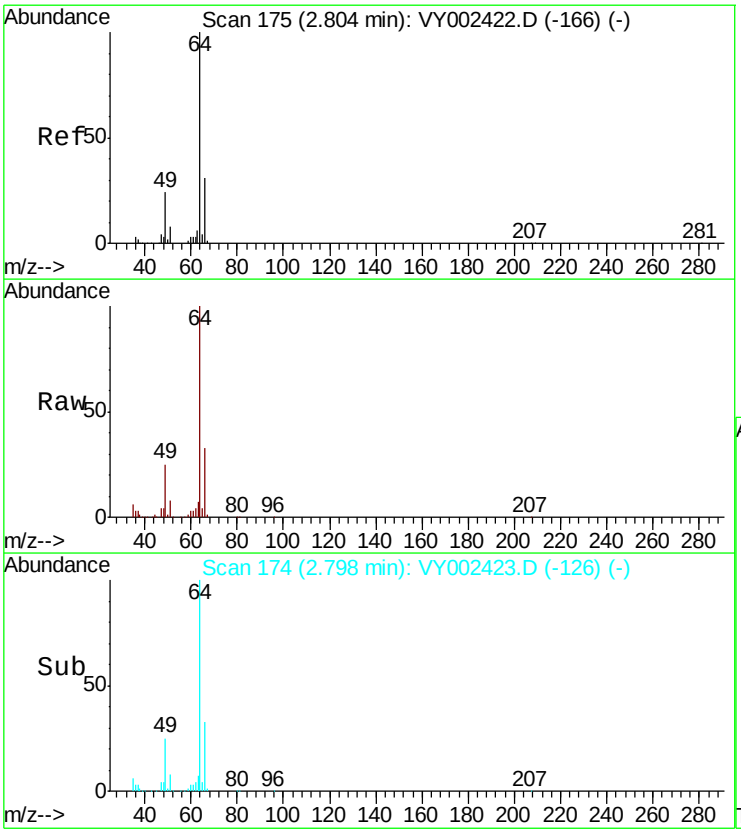
#5
Bromomethane
Concen: 68.684 ug/l
RT: 2.65 min Scan# 149
Delta R.T. -0.02 min
Lab File: VY002423.D
Acq: 20 Apr 2020 14:38

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 94 Resp: 146814

Ion	Ratio	Lower	Upper
94	100		
96	90.7	73.5	110.3

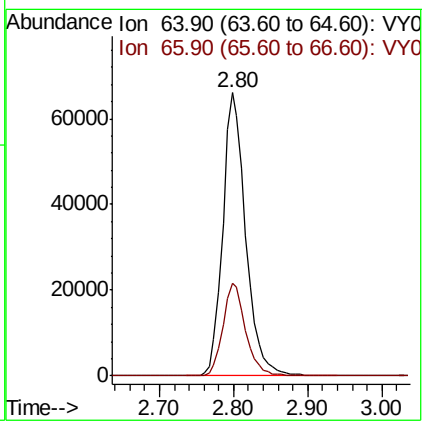


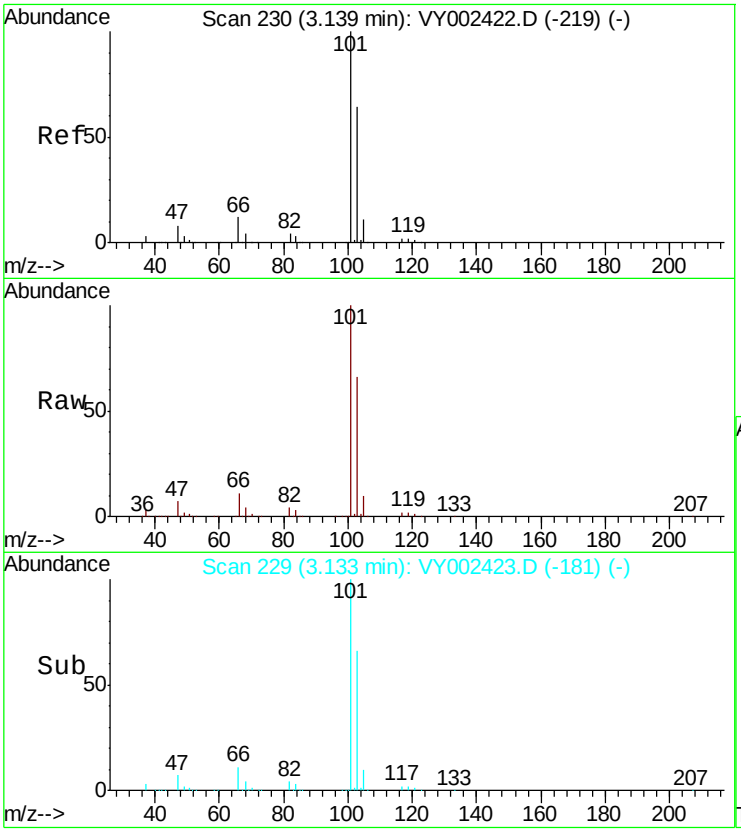


#6
Chloroethane
Concen: 70.971 ug/l
RT: 2.80 min Scan# 174
Delta R.T. -0.01 min
Lab File: VY002423.D
Acq: 20 Apr 2020 14:38

Tgt Ion: 64 Resp: 141493

Ion	Ratio	Lower	Upper
64	100		
66	32.7	25.0	37.6



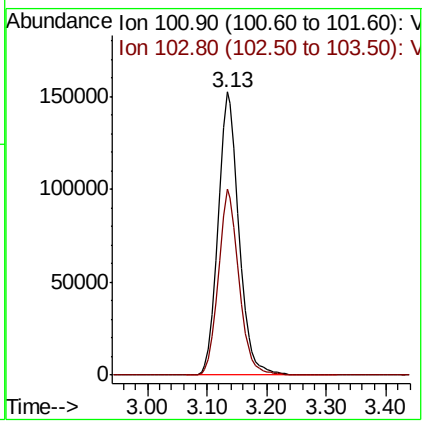


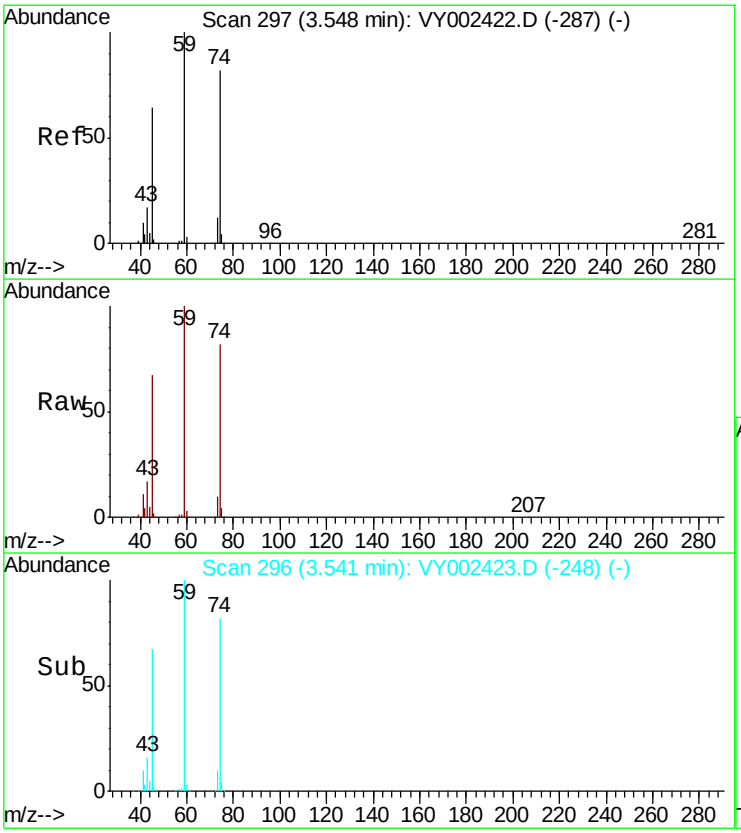
#7
Trichlorofluoromethane
Concen: 81.013 ug/l
RT: 3.13 min Scan# 229
Delta R.T. -0.01 min
Lab File: VY002423.D
Acq: 20 Apr 2020 14:38

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:101 Resp: 369853

Ion	Ratio	Lower	Upper
101	100		
103	65.8	50.8	76.2

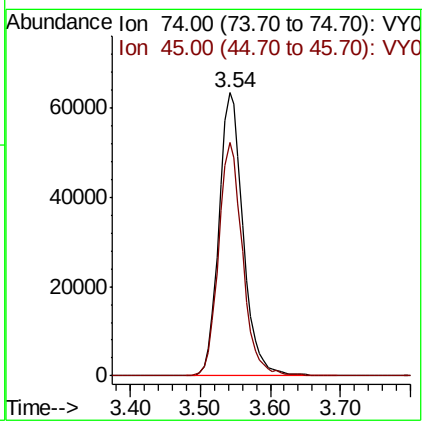


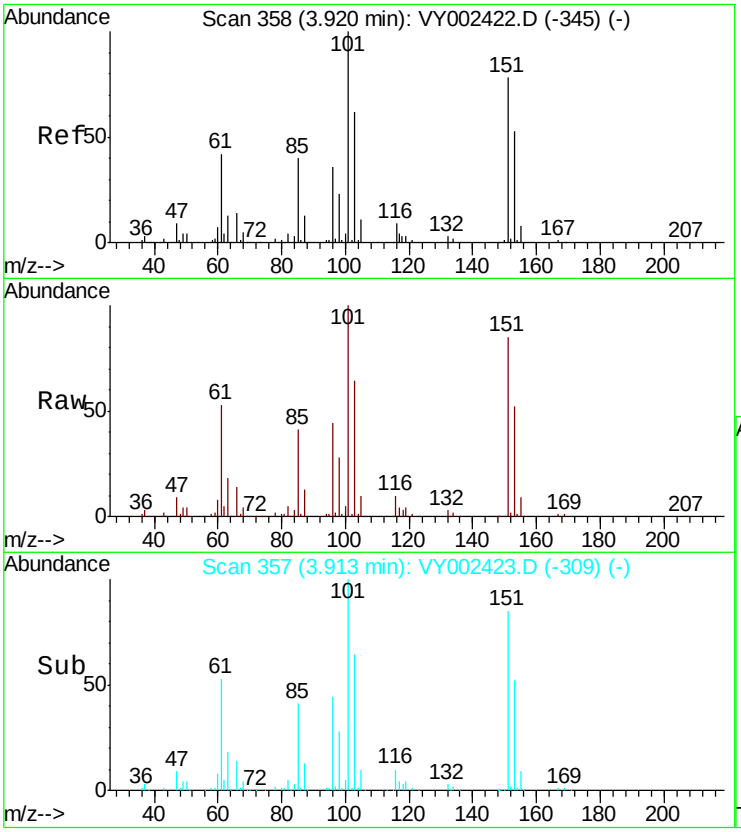


#8
Diethyl Ether
Concen: 79.200 ug/l
RT: 3.54 min Scan# 296
Delta R.T. -0.01 min
Lab File: VY002423.D
Acq: 20 Apr 2020 14:38

Tgt Ion: 74 Resp: 152199

Ion	Ratio	Lower	Upper
74	100		
45	82.0	39.5	118.5



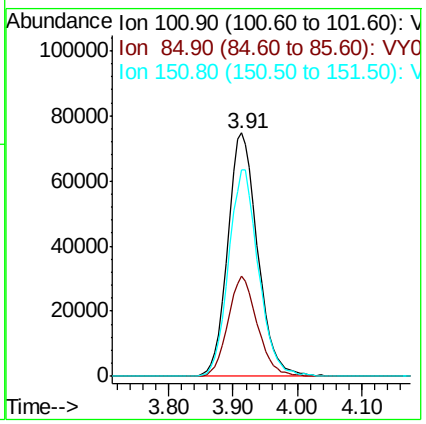


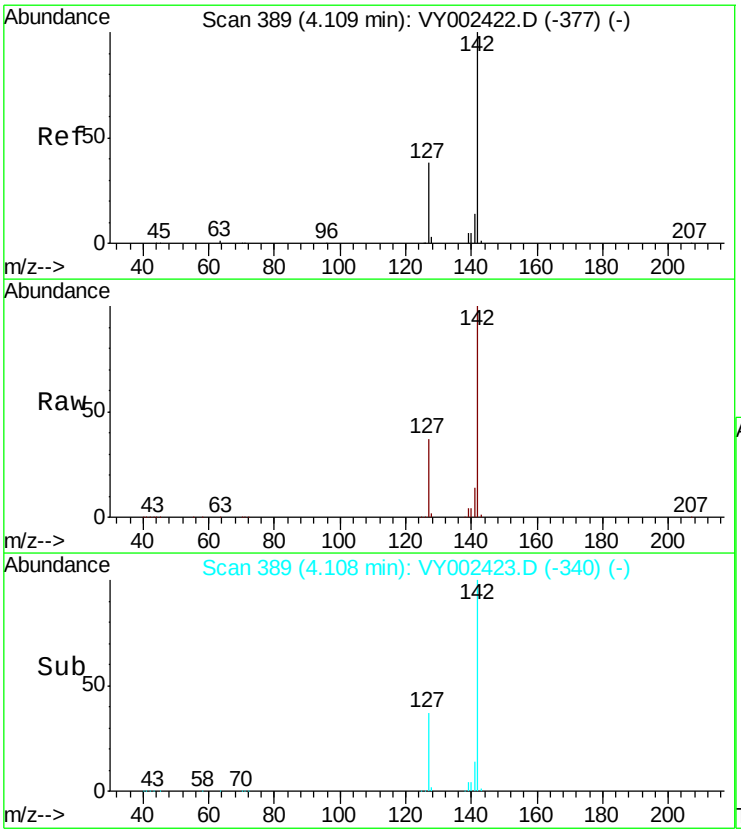
#9
1,1,2-Trichlorotrifluoroethane
Concen: 78.332 ug/l
RT: 3.91 min Scan# 357
Delta R.T. -0.01 min
Lab File: VY002423.D
Acq: 20 Apr 2020 14:38

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:101 Resp: 241942

Ion	Ratio	Lower	Upper
101	100		
85	40.5	32.2	48.4
151	84.9	67.3	100.9

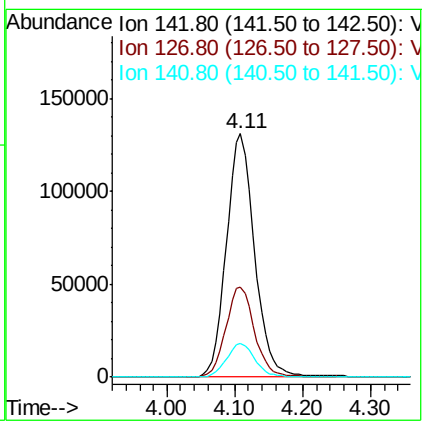


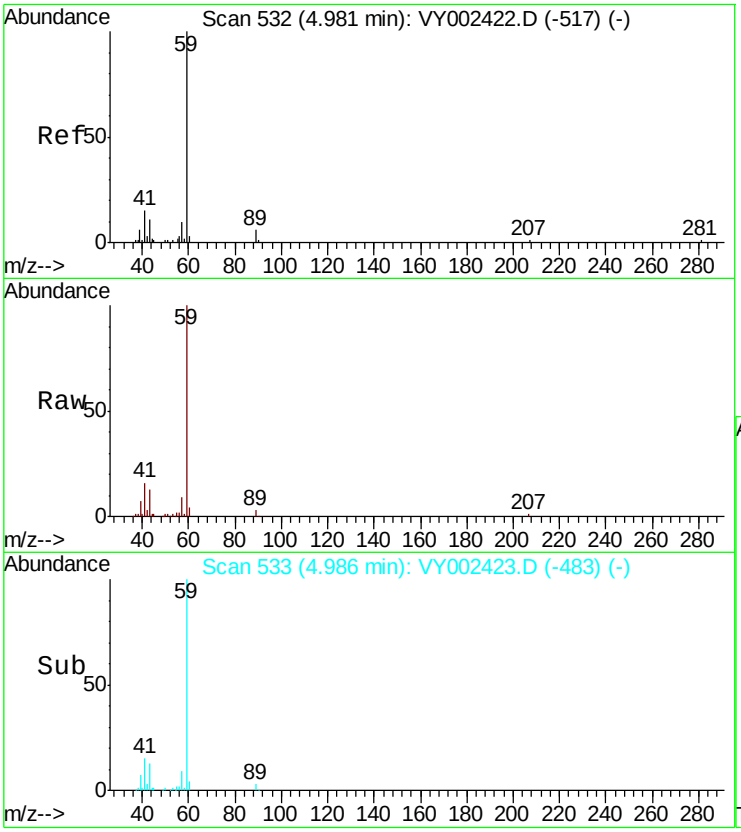


#10
Methyl Iodide
Concen: 101.933 ug/l
RT: 4.11 min Scan# 389
Delta R.T. -0.00 min
Lab File: VY002423.D
Acq: 20 Apr 2020 14:38

Tgt Ion:142 Resp: 377532

Ion	Ratio	Lower	Upper
142	100		
127	37.8	30.7	46.1
141	14.0	11.4	17.2



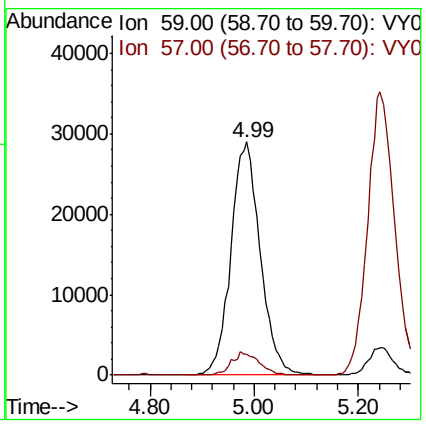


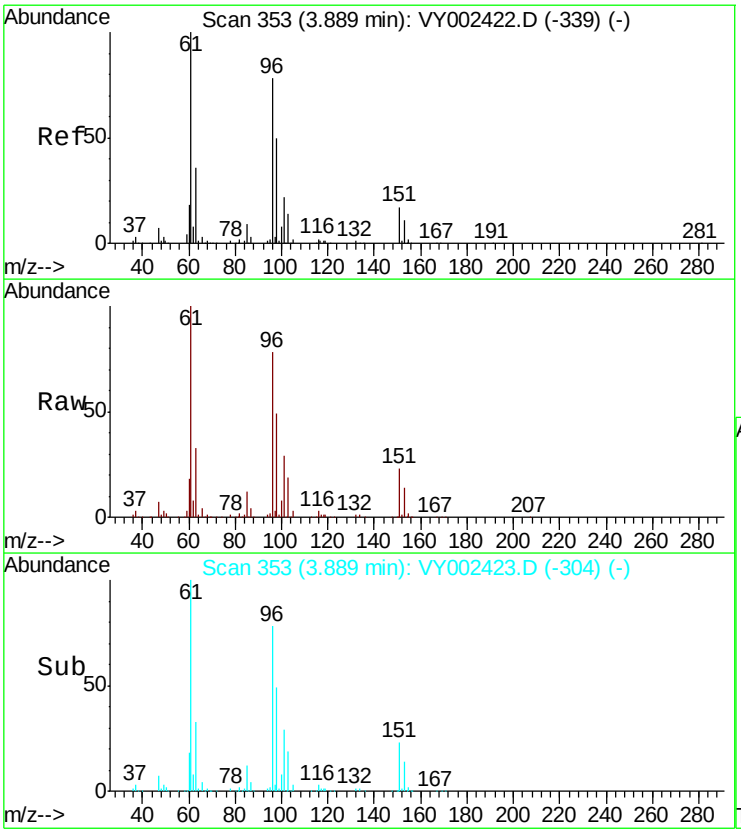
#11
Tert butyl alcohol
Concen: 301.846 ug/l
RT: 4.99 min Scan# 533
Delta R.T. 0.01 min
Lab File: VY002423.D
Acq: 20 Apr 2020 14:38

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 59 Resp: 113620

Ion	Ratio	Lower	Upper
59	100		
57	9.3	7.4	11.2

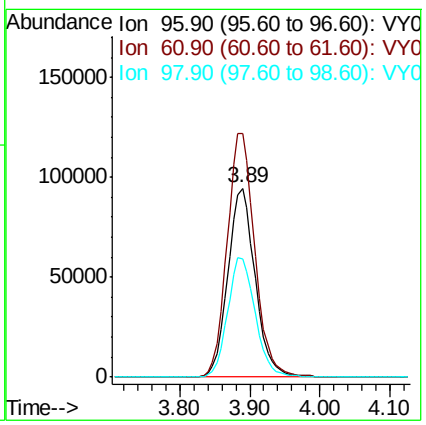


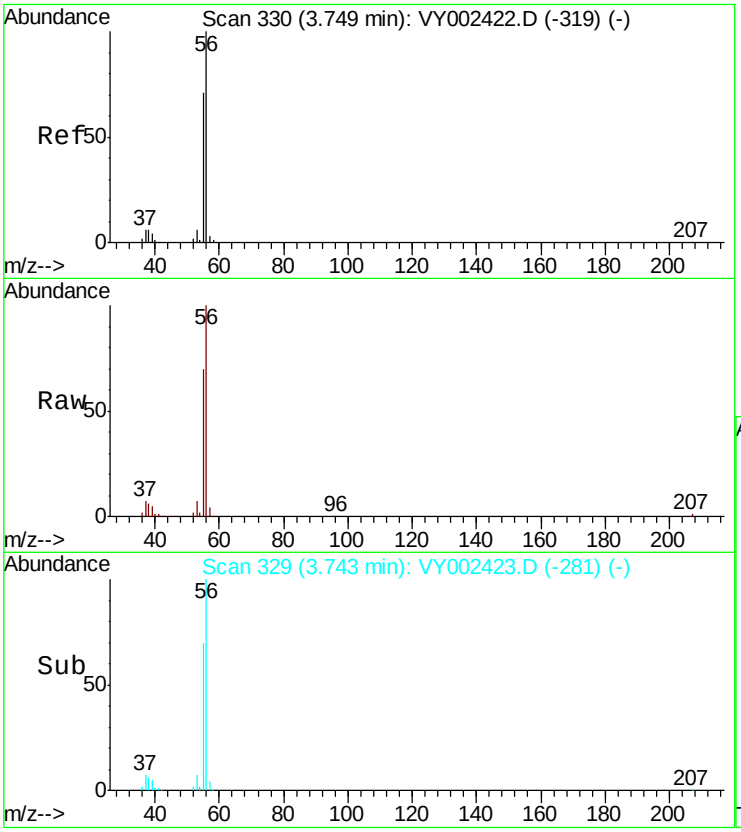


#12
1,1-Dichloroethene
Concen: 81.266 ug/l
RT: 3.89 min Scan# 353
Delta R.T. -0.00 min
Lab File: VY002423.D
Acq: 20 Apr 2020 14:38

Tgt Ion: 96 Resp: 256034

Ion	Ratio	Lower	Upper
96	100		
61	128.9	102.1	153.1
98	62.7	51.3	76.9



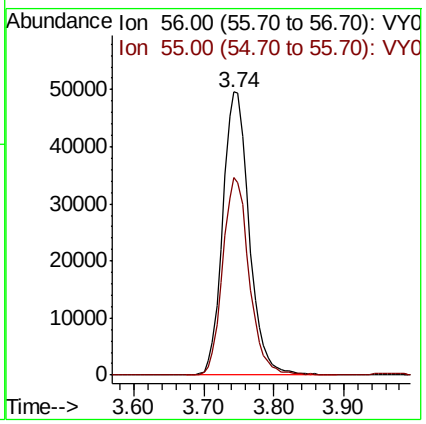


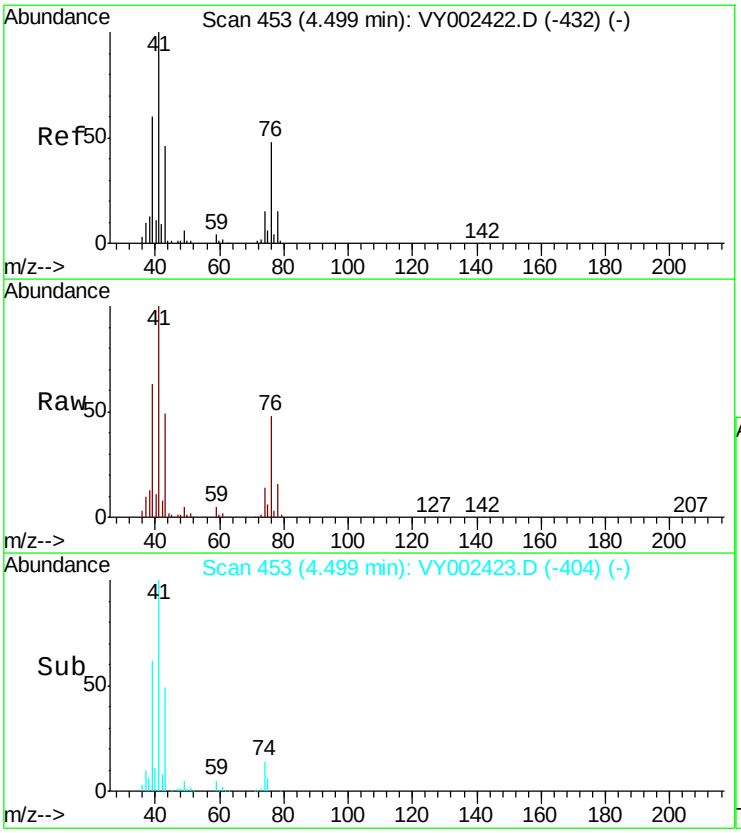
#13
Acrolein
Concen: 355.615 ug/l
RT: 3.74 min Scan# 329
Delta R.T. -0.01 min
Lab File: VY002423.D
Acq: 20 Apr 2020 14:38

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 56 Resp: 130487

Ion	Ratio	Lower	Upper
56	100		
55	69.5	55.9	83.9

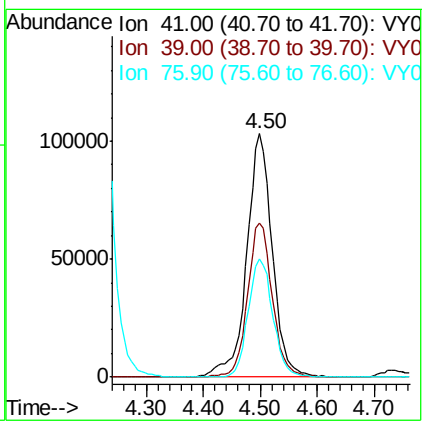


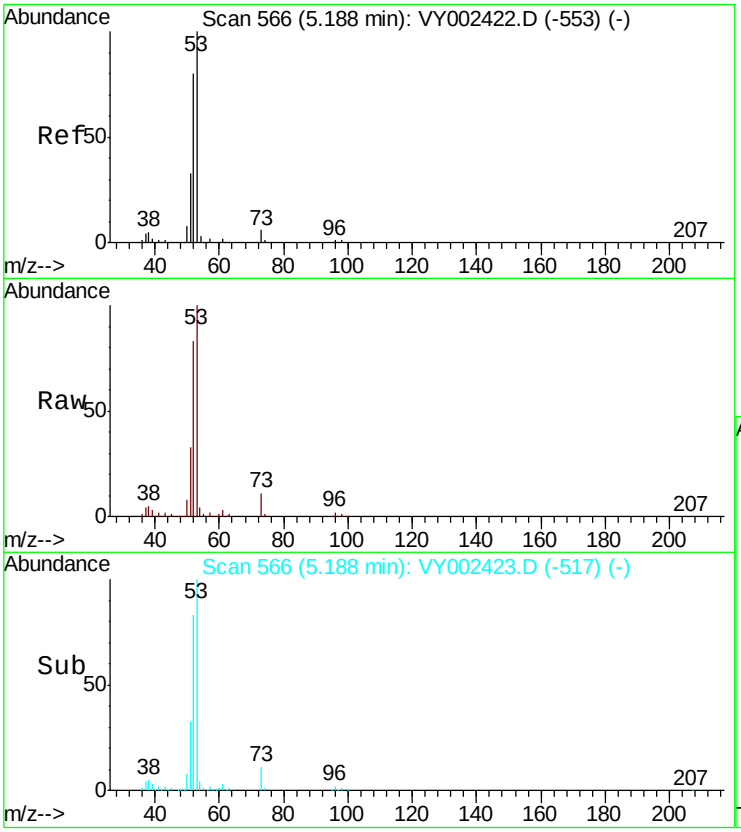


#14
Allyl chloride
Concen: 65.478 ug/l
RT: 4.50 min Scan# 453
Delta R.T. -0.00 min
Lab File: VY002423.D
Acq: 20 Apr 2020 14:38

Tgt Ion: 41 Resp: 320693

Ion	Ratio	Lower	Upper
41	100		
39	61.6	49.1	73.7
76	46.8	38.6	57.8



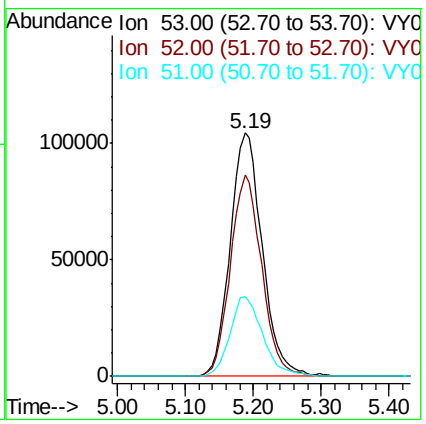


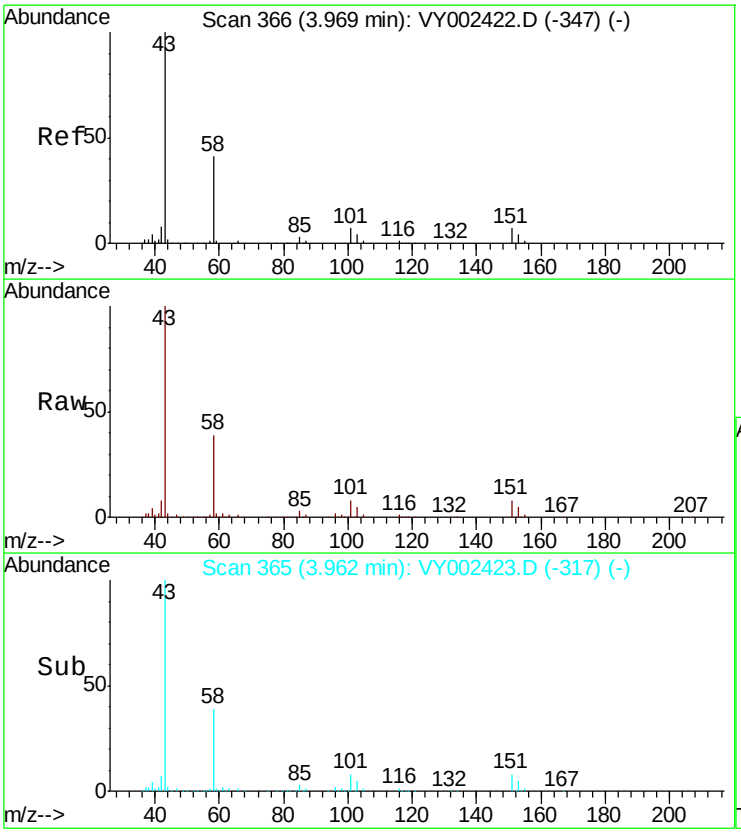
#15
Acrylonitrile
Concen: 353.366 ug/l
RT: 5.19 min Scan# 566
Delta R.T. -0.00 min
Lab File: VY002423.D
Acq: 20 Apr 2020 14:38

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 53 Resp: 342424

Ion	Ratio	Lower	Upper
53	100		
52	80.9	65.1	97.7
51	33.7	26.8	40.2

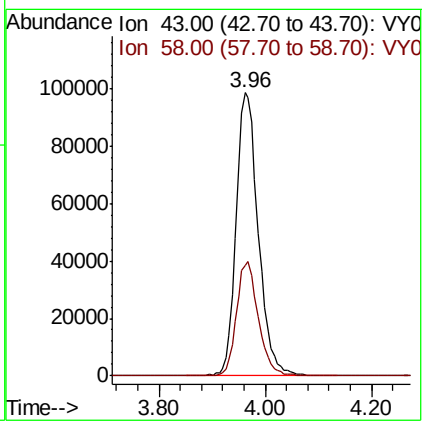


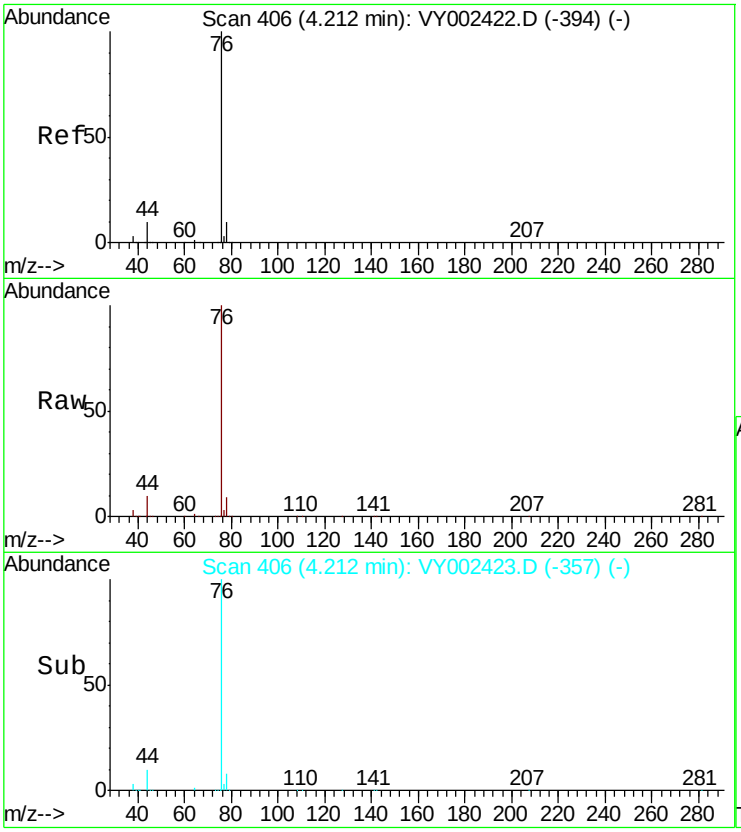


#16
Acetone
Concen: 382.273 ug/l
RT: 3.96 min Scan# 365
Delta R.T. -0.01 min
Lab File: VY002423.D
Acq: 20 Apr 2020 14:38

Tgt Ion: 43 Resp: 285288

Ion	Ratio	Lower	Upper
43	100		
58	39.2	32.6	48.8



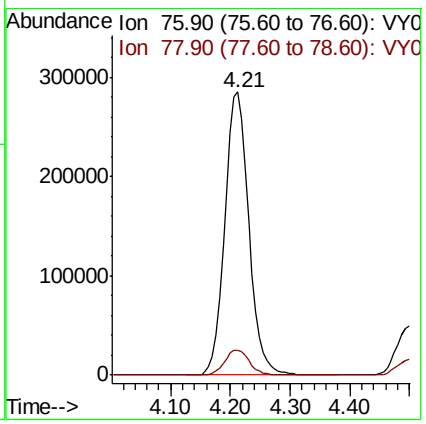


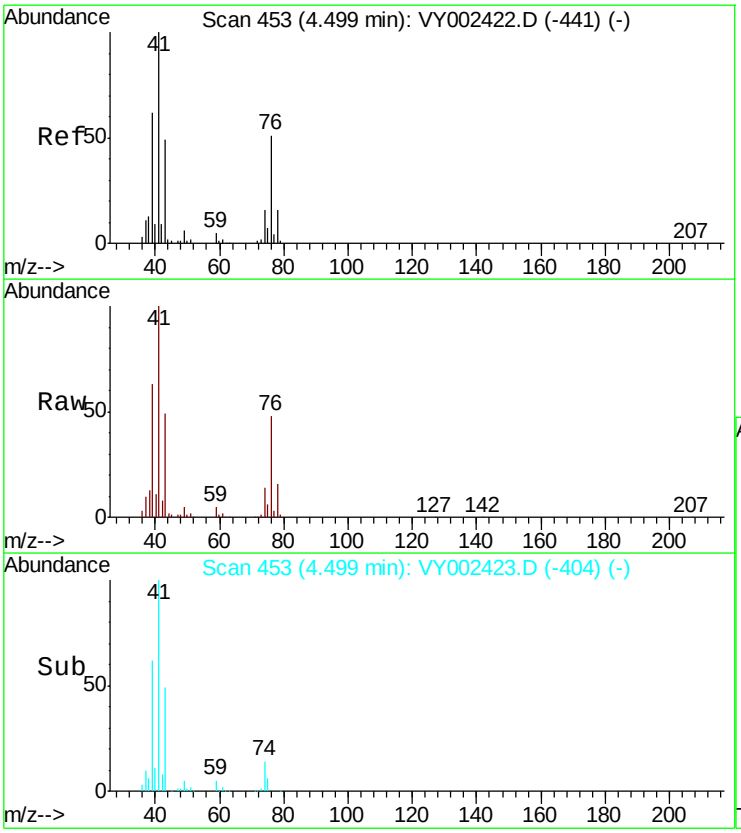
#17
Carbon Disulfide
Concen: 77.119 ug/l
RT: 4.21 min Scan# 406
Delta R.T. -0.00 min
Lab File: VY002423.D
Acq: 20 Apr 2020 14:38

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 76 Resp: 797800

Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.8	11.6

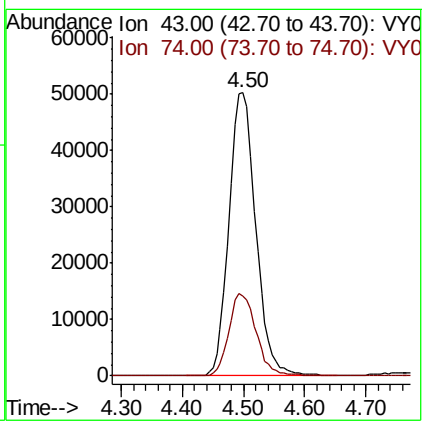


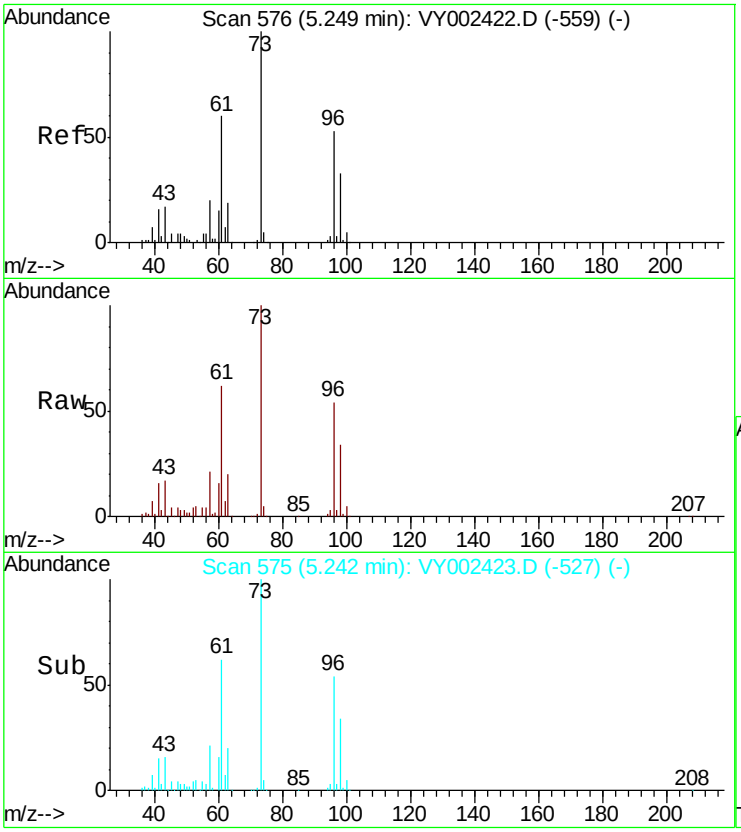


#18
Methyl Acetate
Concen: 66.223 ug/l
RT: 4.50 min Scan# 453
Delta R.T. -0.00 min
Lab File: VY002423.D
Acq: 20 Apr 2020 14:38

Tgt Ion: 43 Resp: 151629

Ion	Ratio	Lower	Upper
43	100		
74	29.5	24.8	37.2



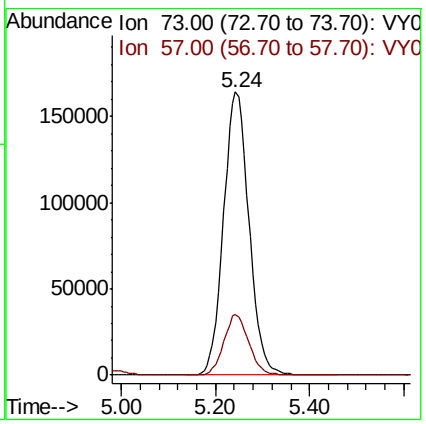


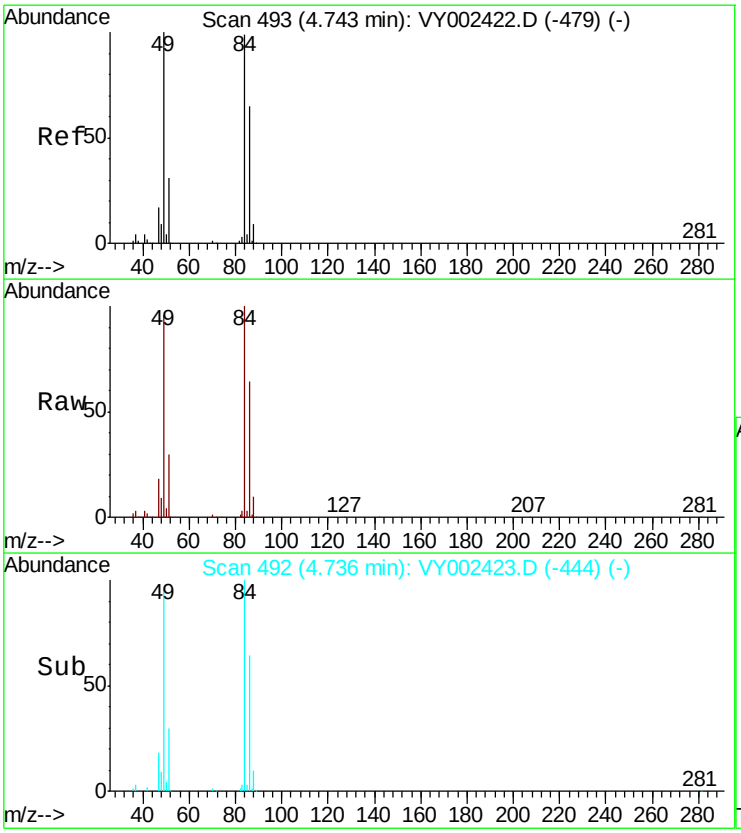
#19
Methyl tert-butyl Ether
Concen: 75.494 ug/l
RT: 5.24 min Scan# 575
Delta R.T. -0.01 min
Lab File: VY002423.D
Acq: 20 Apr 2020 14:38

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 73 Resp: 614308

Ion	Ratio	Lower	Upper
73	100		
57	21.4	16.3	24.5

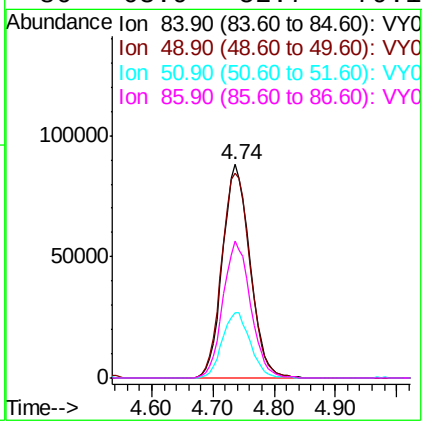


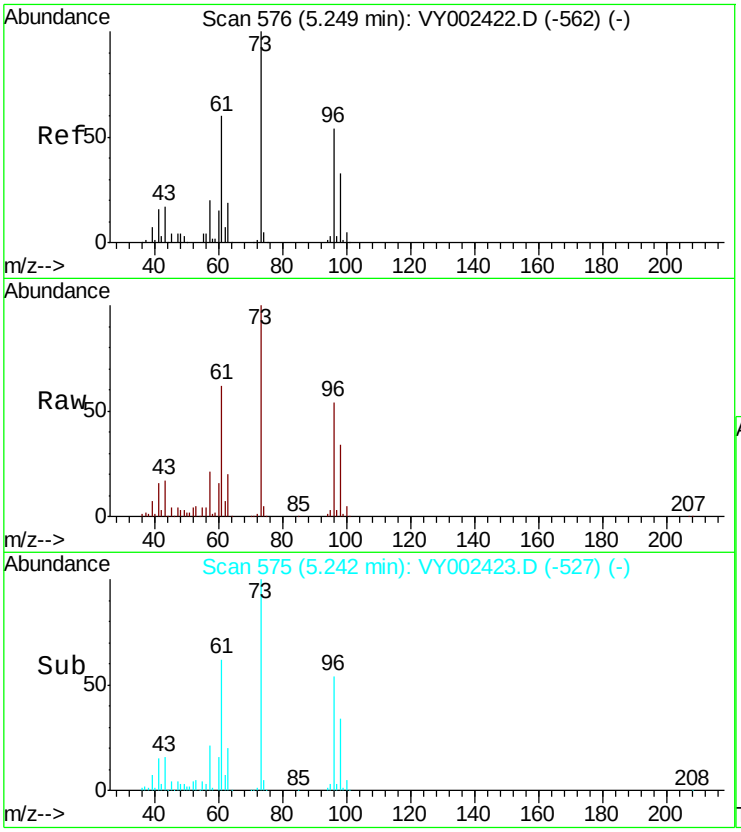


#20
Methylene Chloride
Concen: 72.877 ug/l
RT: 4.74 min Scan# 492
Delta R.T. -0.01 min
Lab File: VY002423.D
Acq: 20 Apr 2020 14:38

Tgt Ion: 84 Resp: 272632

Ion	Ratio	Lower	Upper
84	100		
49	95.7	81.0	121.6
51	30.5	24.9	37.3
86	63.9	52.7	79.1



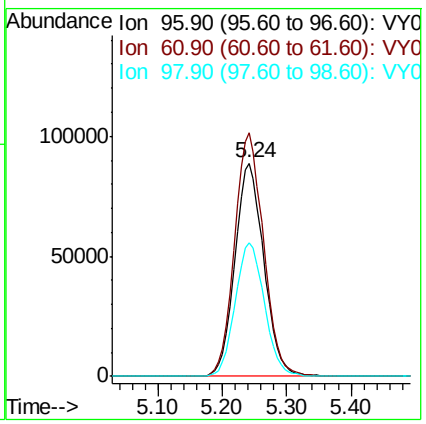


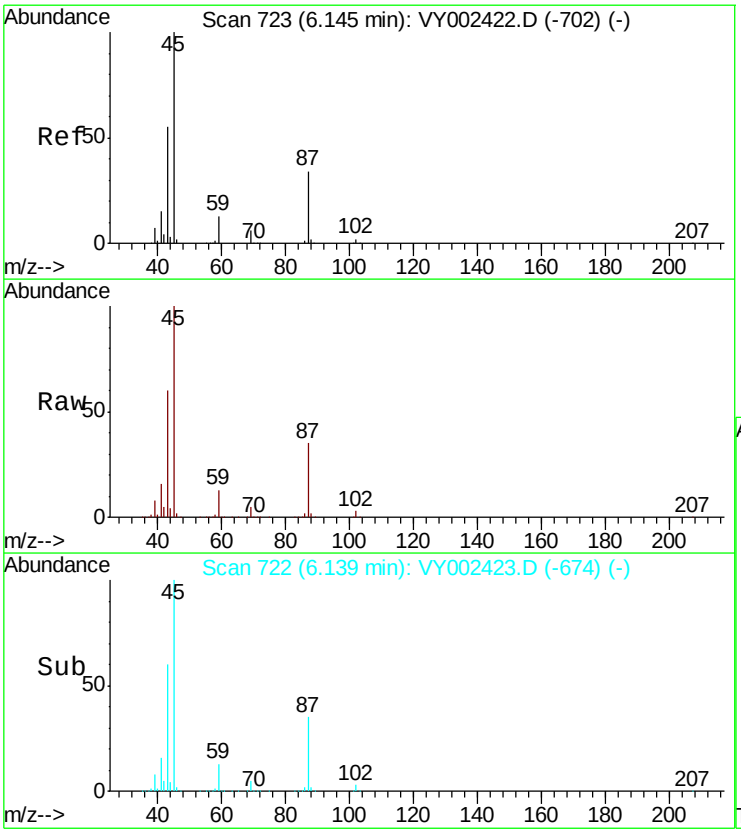
#21
trans-1,2-Dichloroethene
Concen: 78.120 ug/l
RT: 5.24 min Scan# 575
Delta R.T. -0.01 min
Lab File: VY002423.D
Acq: 20 Apr 2020 14:38

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 96 Resp: 274775

Ion	Ratio	Lower	Upper
96	100		
61	114.2	89.7	134.5
98	62.4	49.7	74.5

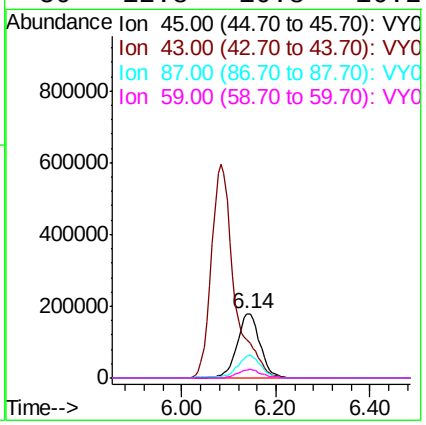


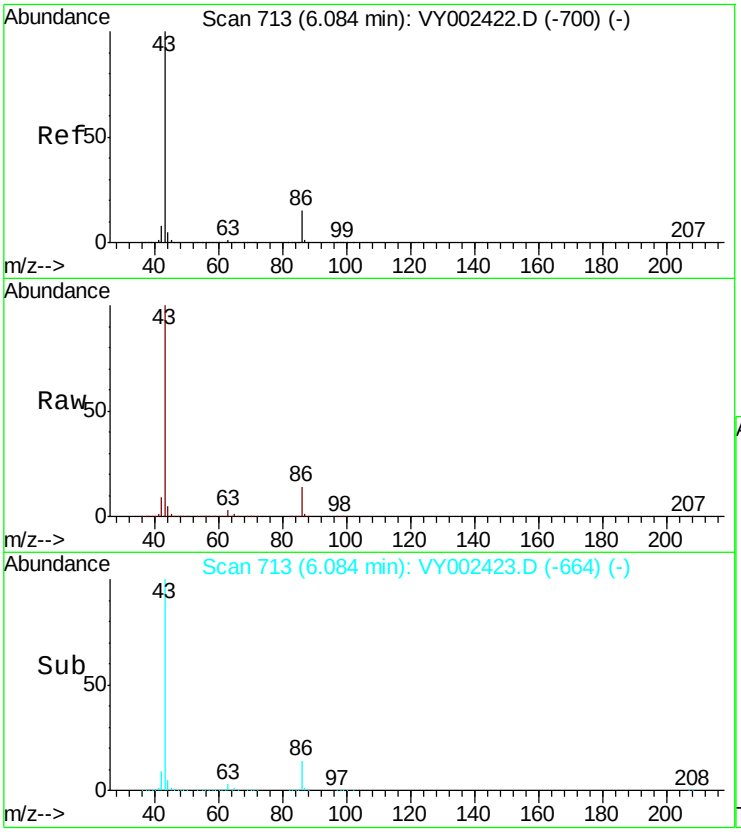


#22
Diisopropyl ether
Concen: 61.681 ug/l
RT: 6.14 min Scan# 722
Delta R.T. -0.01 min
Lab File: VY002423.D
Acq: 20 Apr 2020 14:38

Tgt Ion: 45 Resp: 606572

Ion	Ratio	Lower	Upper
45	100		
43	60.1	43.8	65.6
87	34.7	27.4	41.2
59	12.8	10.8	16.2



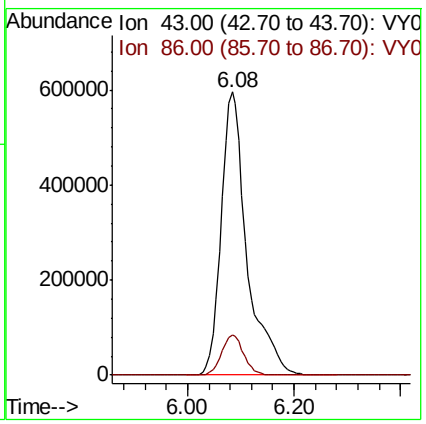


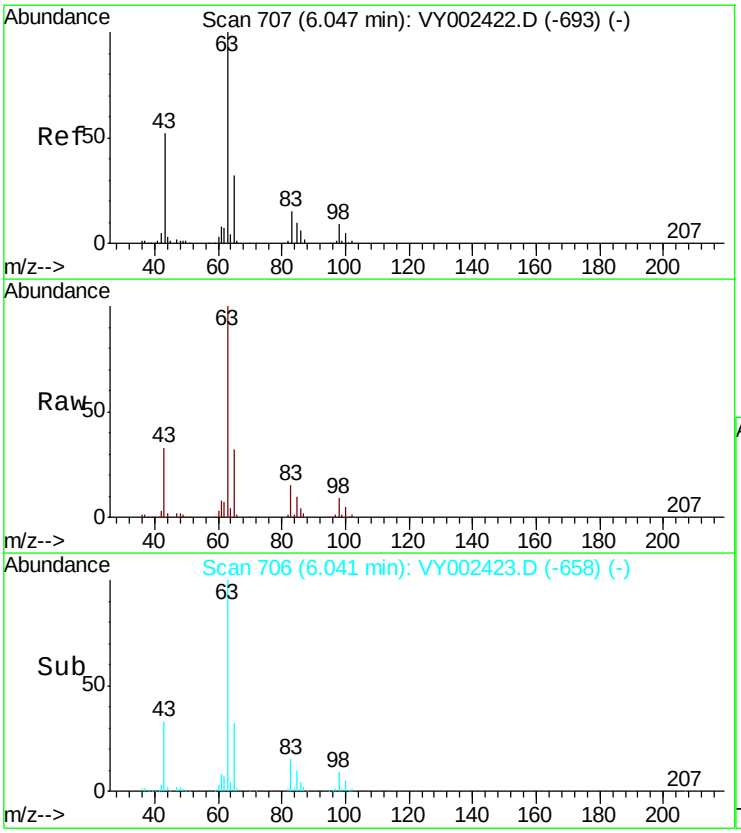
#23
Vinyl Acetate
Concen: 319.689 ug/l
RT: 6.08 min Scan# 713
Delta R.T. -0.00 min
Lab File: VY002423.D
Acq: 20 Apr 2020 14:38

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 2009181

Ion	Ratio	Lower	Upper
43	100		
86	14.0	11.7	17.5

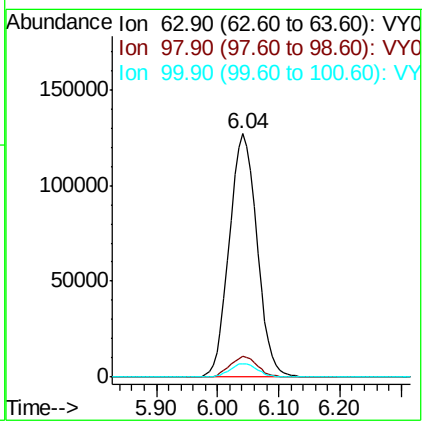


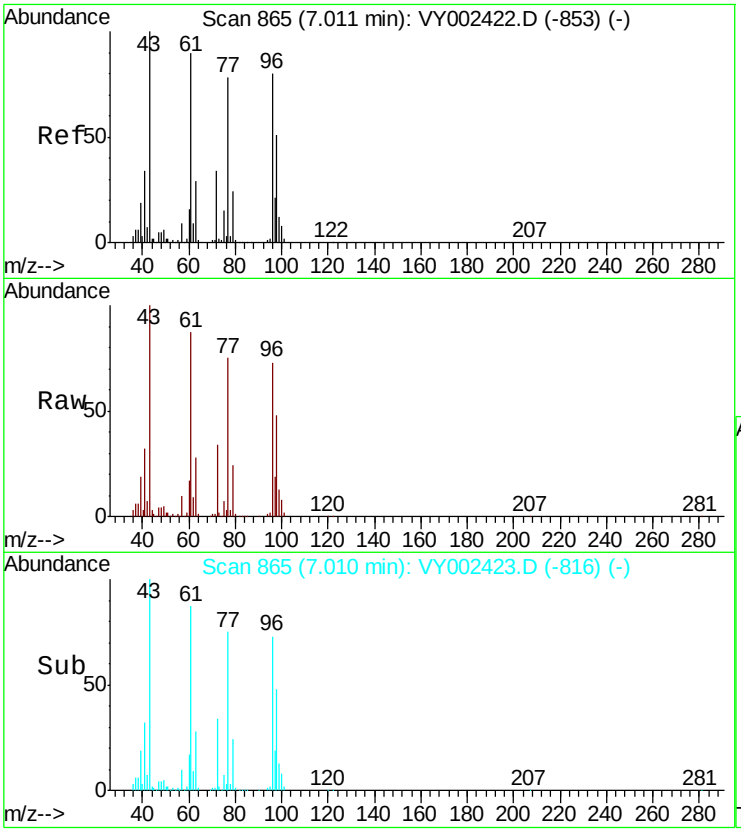


#24
1,1-Dichloroethane
Concen: 69.878 ug/l
RT: 6.04 min Scan# 706
Delta R.T. -0.01 min
Lab File: VY002423.D
Acq: 20 Apr 2020 14:38

Tgt Ion: 63 Resp: 397290

Ion	Ratio	Lower	Upper
63	100		
98	8.8	4.5	13.4
100	5.4	2.6	8.0



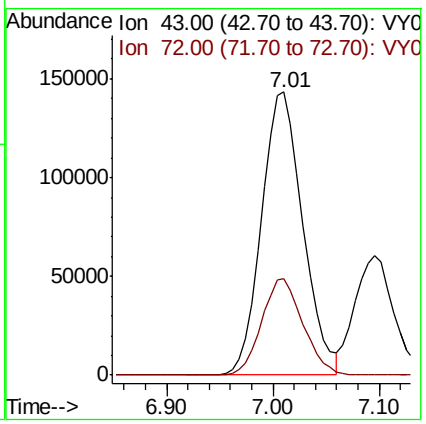


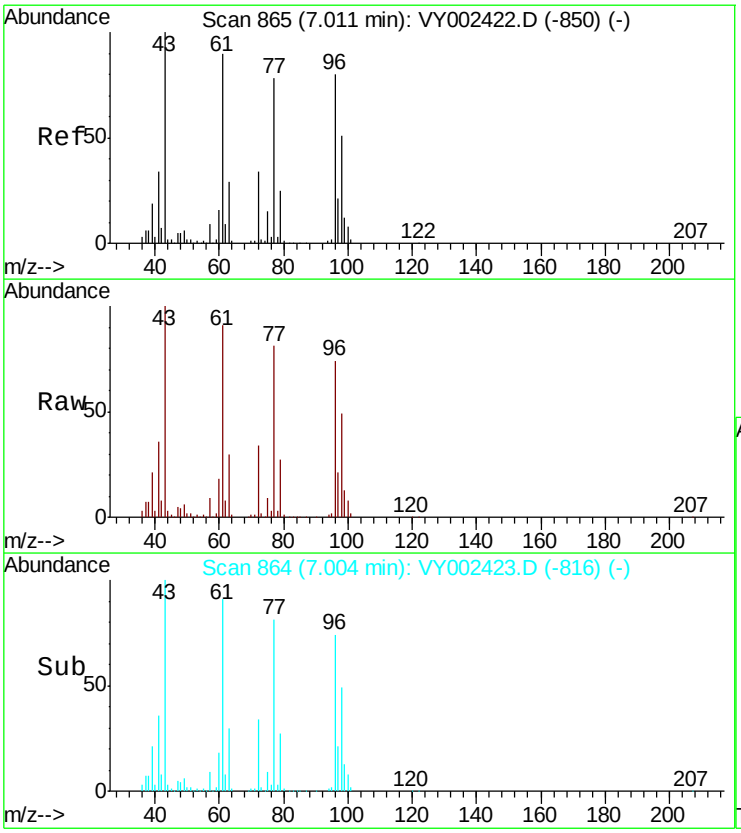
#25
2-Butanone
Concen: 331.143 ug/l
RT: 7.01 min Scan# 865
Delta R.T. -0.00 min
Lab File: VY002423.D
Acq: 20 Apr 2020 14:38

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 387665

Ion	Ratio	Lower	Upper
43	100		
72	34.0	27.0	40.6

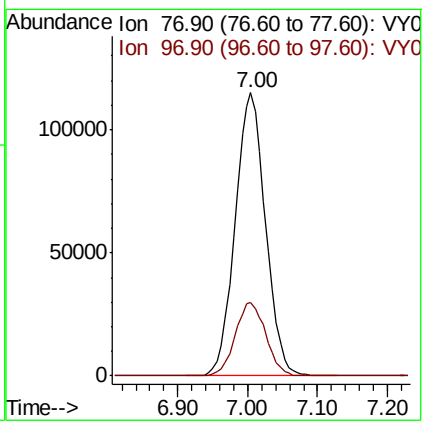


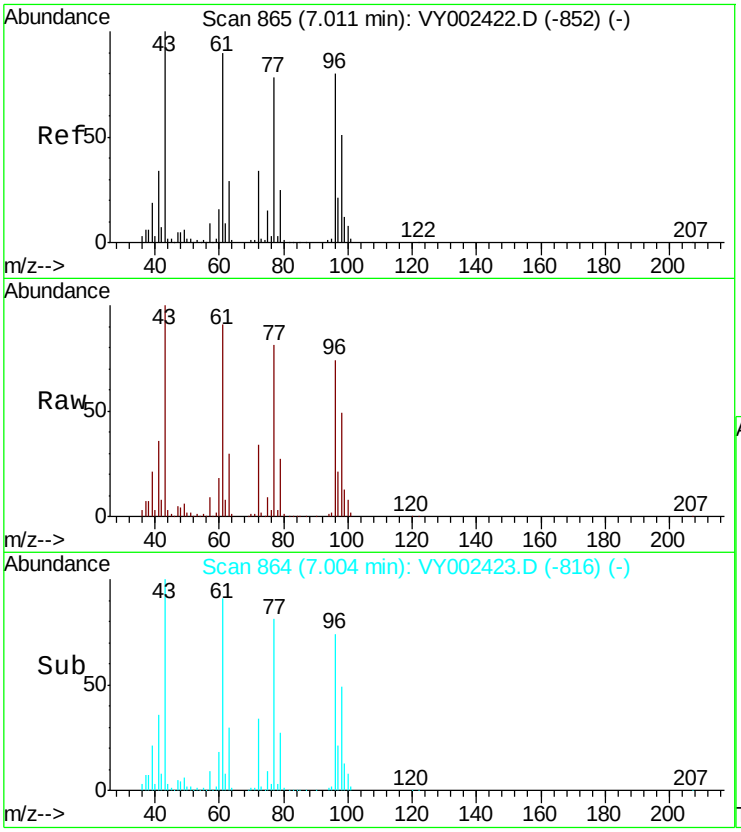


#26
2,2-Dichloropropane
Concen: 71.852 ug/l
RT: 7.00 min Scan# 864
Delta R.T. -0.01 min
Lab File: VY002423.D
Acq: 20 Apr 2020 14:38

Tgt Ion: 77 Resp: 344916

Ion	Ratio	Lower	Upper
77	100		
97	26.3	13.5	40.5



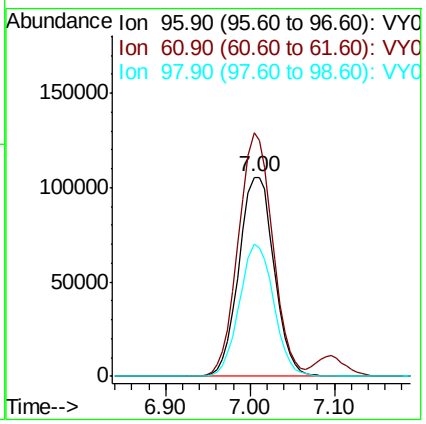


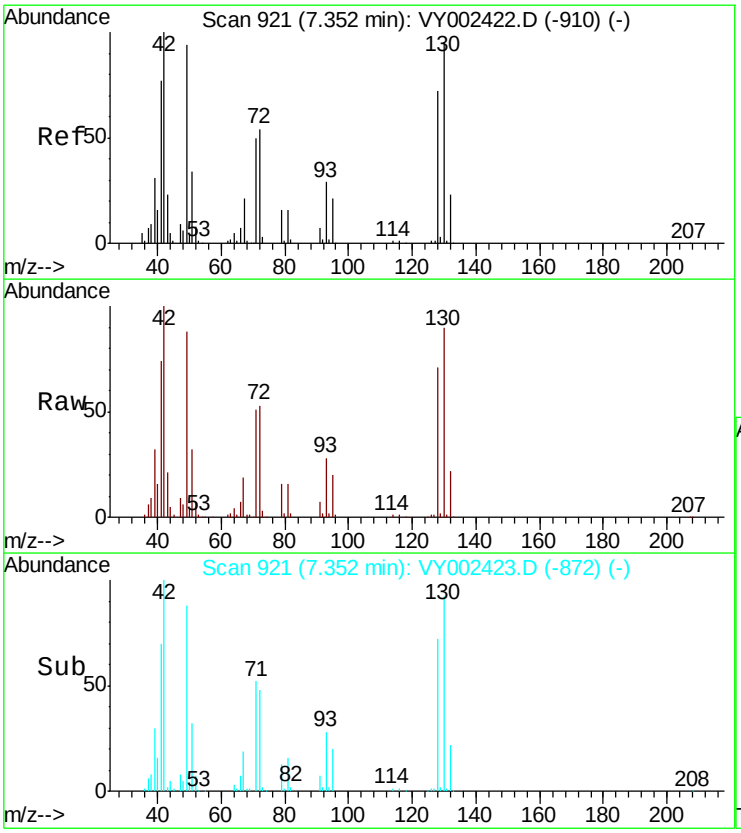
#27
cis-1,2-Dichloroethene
Concen: 78.018 ug/l
RT: 7.00 min Scan# 864
Delta R.T. -0.01 min
Lab File: VY002423.D
Acq: 20 Apr 2020 14:38

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 96 Resp: 298614

Ion	Ratio	Lower	Upper
96	100		
61	119.7	0.0	236.2
98	64.7	0.0	130.2

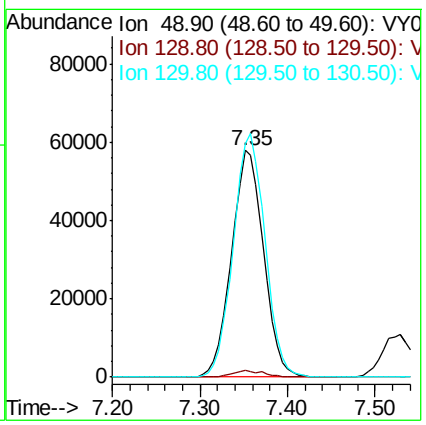


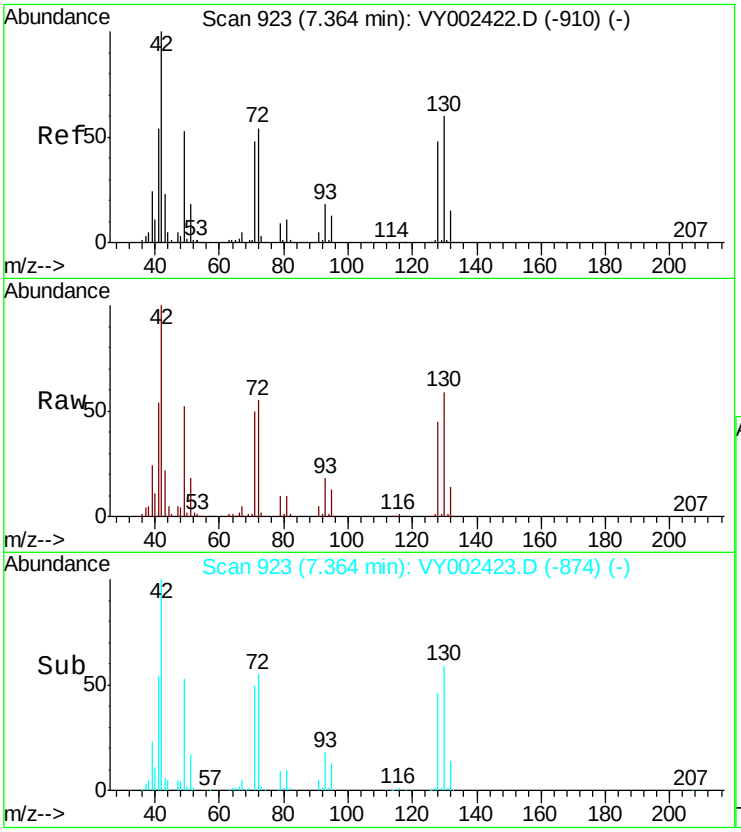


#28
Bromochloromethane
Concen: 61.198 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.00 min
Lab File: VY002423.D
Acq: 20 Apr 2020 14:38

Tgt Ion: 49 Resp: 147067

Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	6.0
130	106.6	84.1	126.1



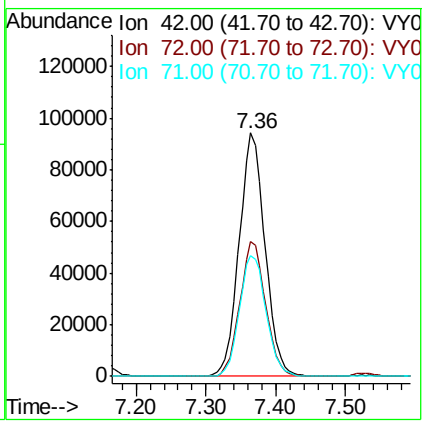


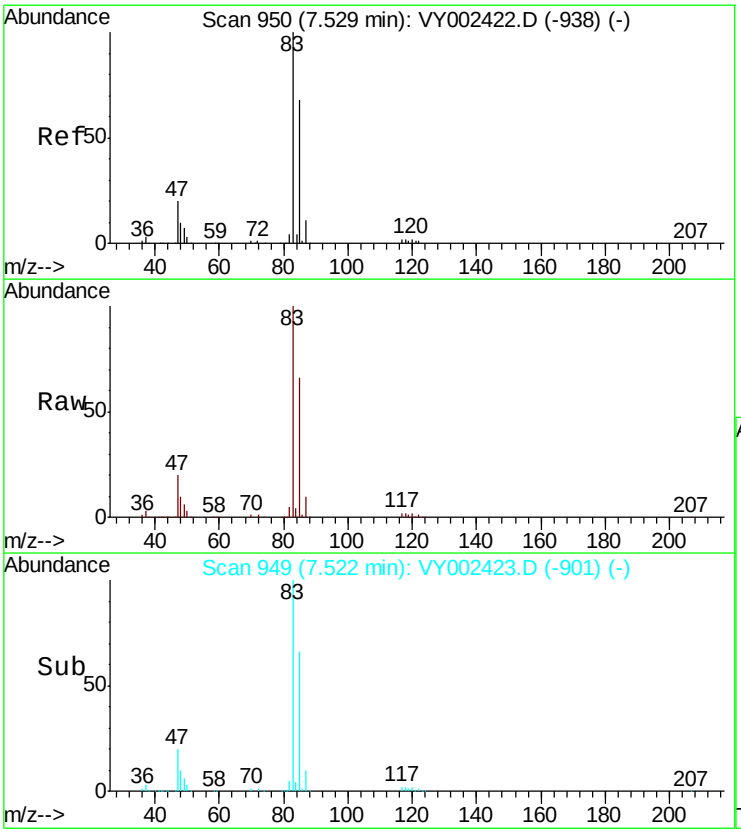
#29
Tetrahydrofuran
Concen: 314.607 ug/l
RT: 7.36 min Scan# 923
Delta R.T. -0.00 min
Lab File: VY002423.D
Acq: 20 Apr 2020 14:38

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 42 Resp: 242743

Ion	Ratio	Lower	Upper
42	100		
72	55.0	44.6	67.0
71	51.0	40.6	60.8

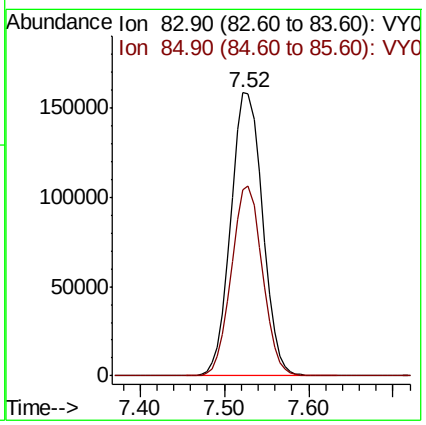


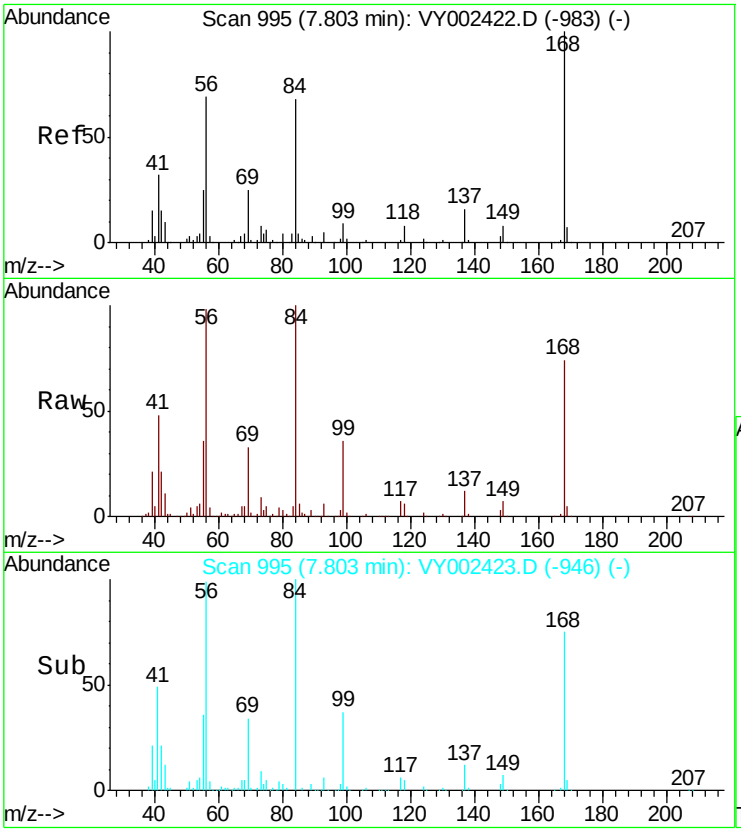


#30
Chloroform
Concen: 74.727 ug/l
RT: 7.52 min Scan# 949
Delta R.T. -0.01 min
Lab File: VY002423.D
Acq: 20 Apr 2020 14:38

Tgt Ion: 83 Resp: 404544

Ion	Ratio	Lower	Upper
83	100		
85	65.8	54.3	81.5



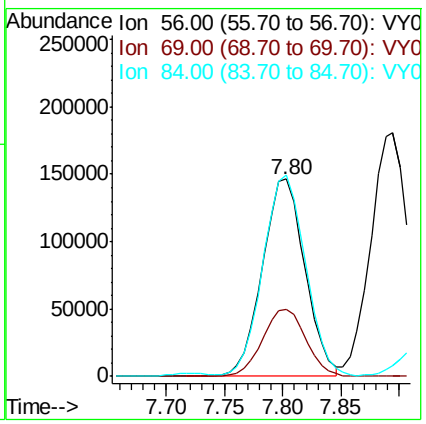


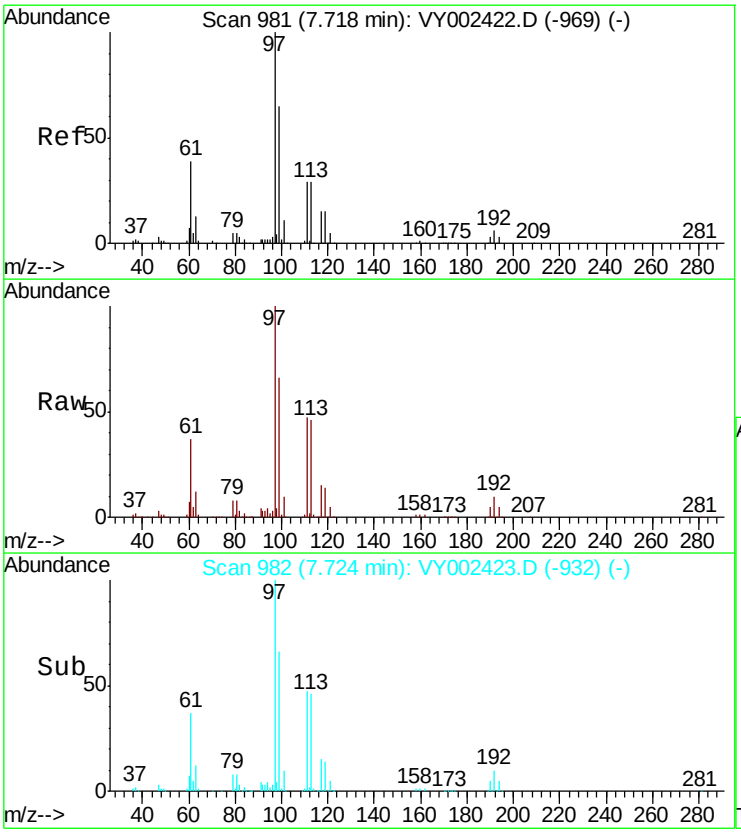
#31
Cyclohexane
Concen: 62.554 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.00 min
Lab File: VY002423.D
Acq: 20 Apr 2020 14:38

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 56 Resp: 371091

Ion	Ratio	Lower	Upper
56	100		
69	34.0	29.1	43.7
84	100.8	79.4	119.2

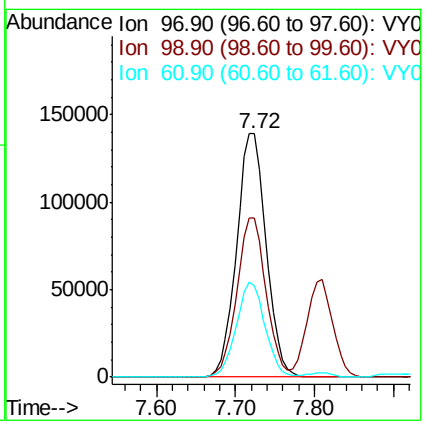


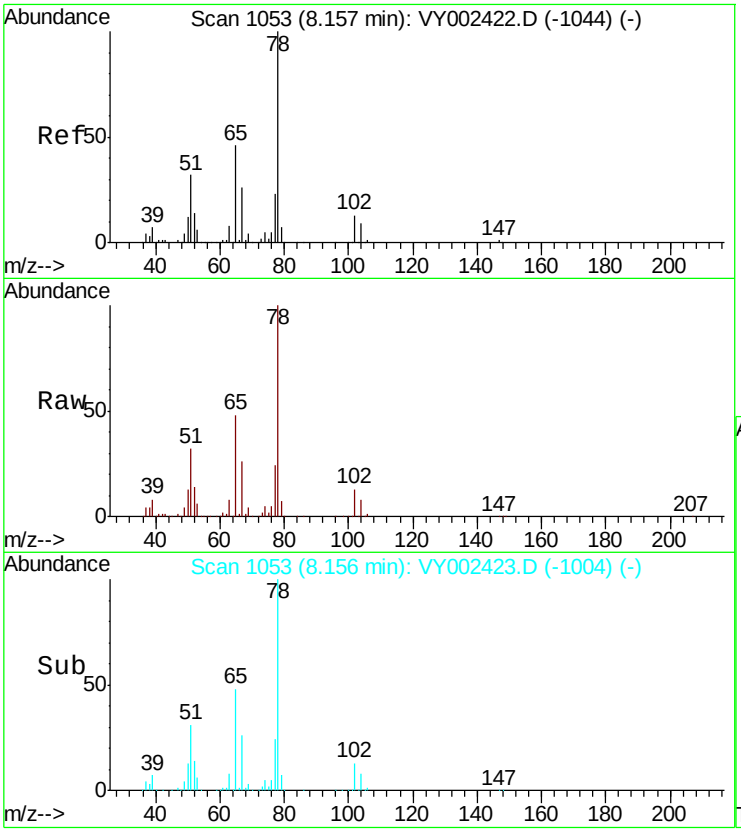


#32
1,1,1-Trichloroethane
Concen: 80.123 ug/l
RT: 7.72 min Scan# 982
Delta R.T. 0.01 min
Lab File: VY002423.D
Acq: 20 Apr 2020 14:38

Tgt Ion: 97 Resp: 362790

Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.9	77.9
61	37.9	30.8	46.2



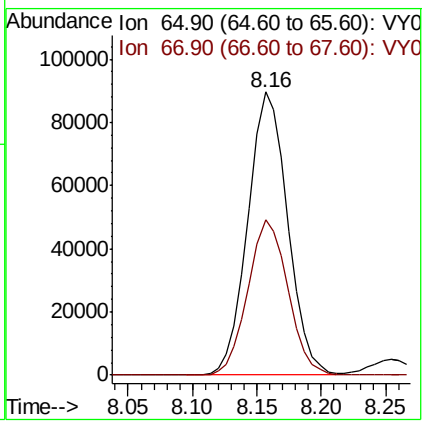


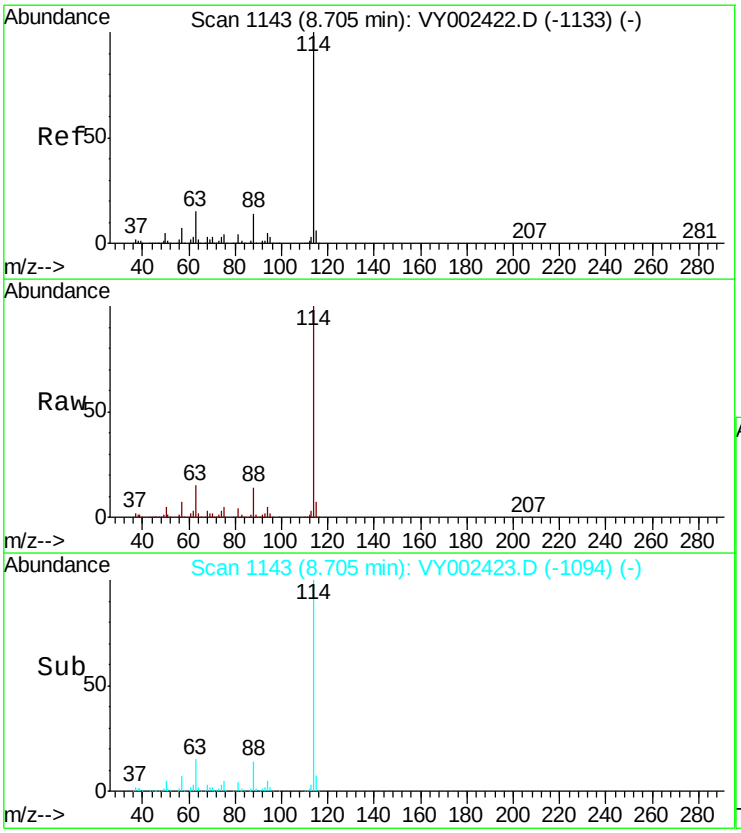
#33
1,2-Dichloroethane-d4
Concen: 68.145 ug/l
RT: 8.16 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VY002423.D
Acq: 20 Apr 2020 14:38

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 65 Resp: 192140

Ion	Ratio	Lower	Upper
65	100		
67	55.0	0.0	111.0

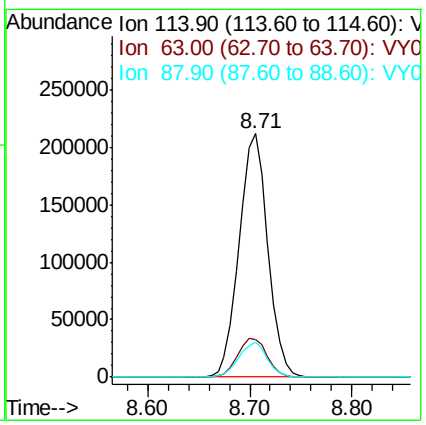


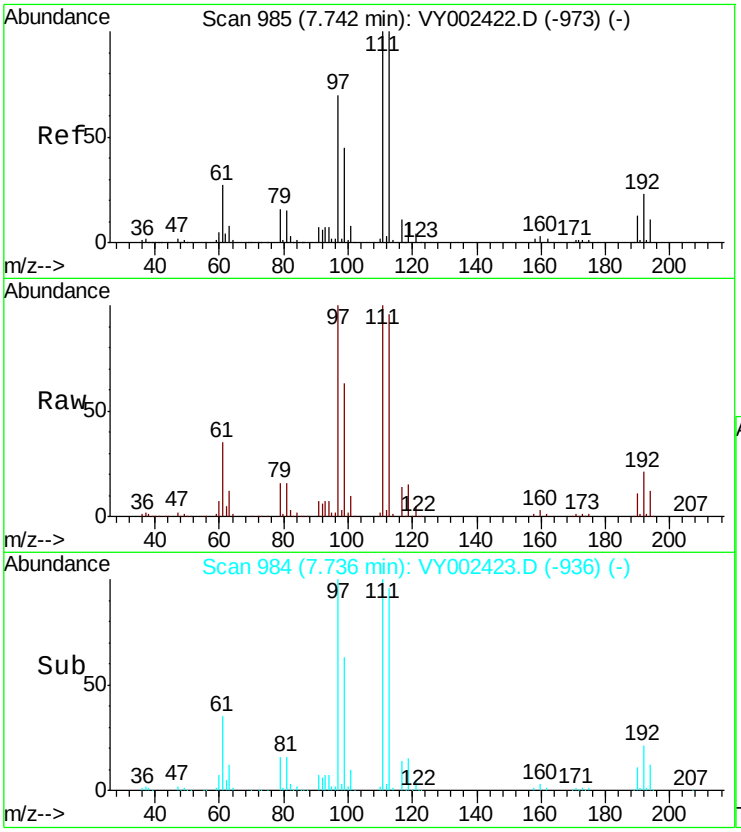


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.71 min Scan# 1143
Delta R.T. -0.00 min
Lab File: VY002423.D
Acq: 20 Apr 2020 14:38

Tgt Ion:114 Resp: 413839

Ion	Ratio	Lower	Upper
114	100		
63	15.5	0.0	31.0
88	14.3	0.0	28.2



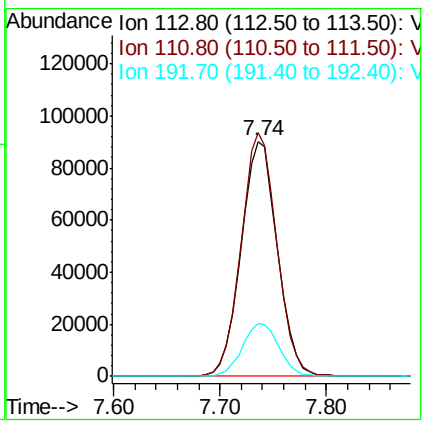


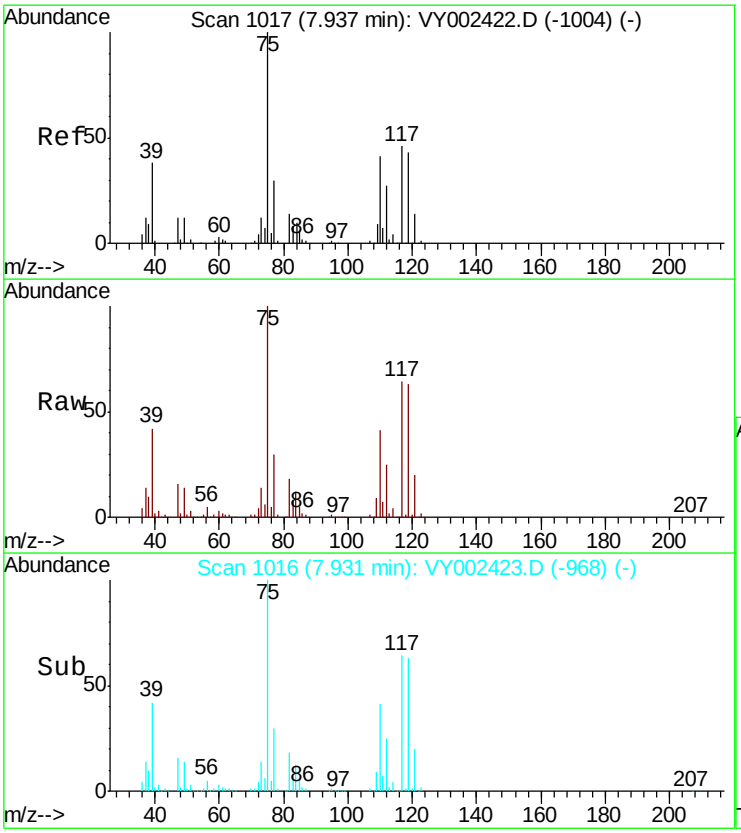
#35
Dibromofluoromethane
Concen: 89.156 ug/l
RT: 7.74 min Scan# 984
Delta R.T. -0.01 min
Lab File: VY002423.D
Acq: 20 Apr 2020 14:38

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:113 Resp: 215366

Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.7	122.5
192	22.7	17.8	26.6

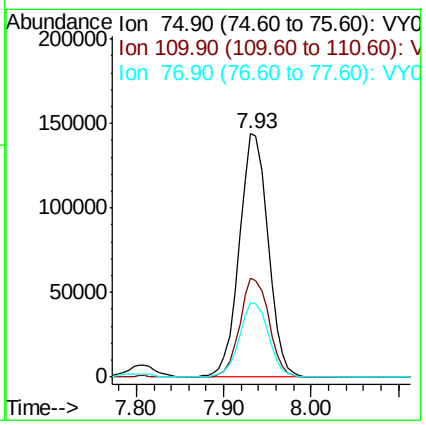


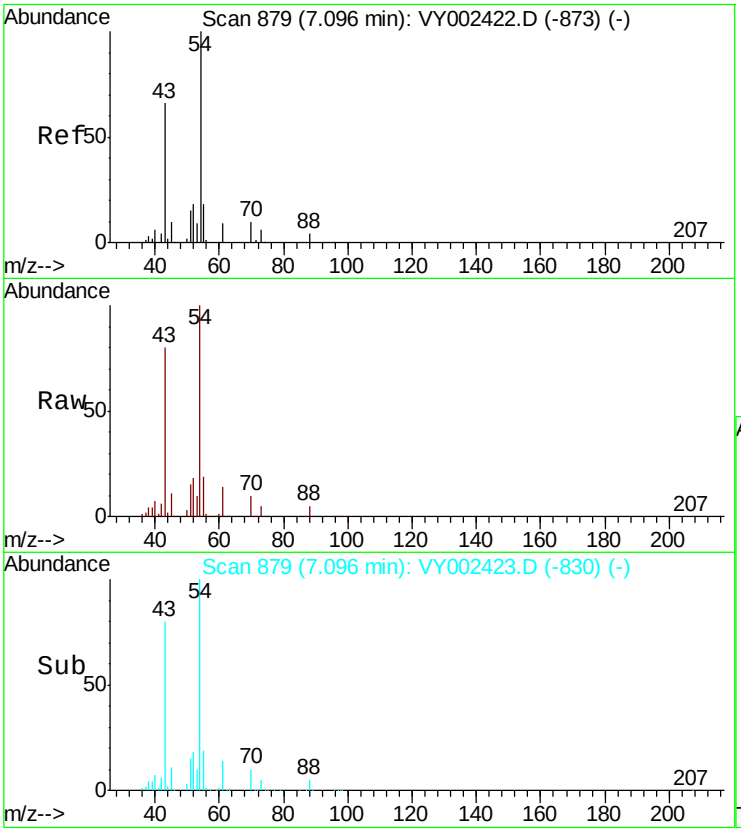


#36
1,1-Dichloropropene
Concen: 83.309 ug/l
RT: 7.93 min Scan# 1016
Delta R.T. -0.01 min
Lab File: VY002423.D
Acq: 20 Apr 2020 14:38

Tgt Ion: 75 Resp: 330467

Ion	Ratio	Lower	Upper
75	100		
110	41.0	20.4	61.2
77	30.9	25.5	38.3



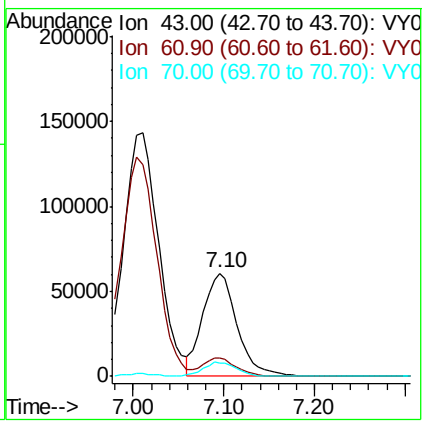


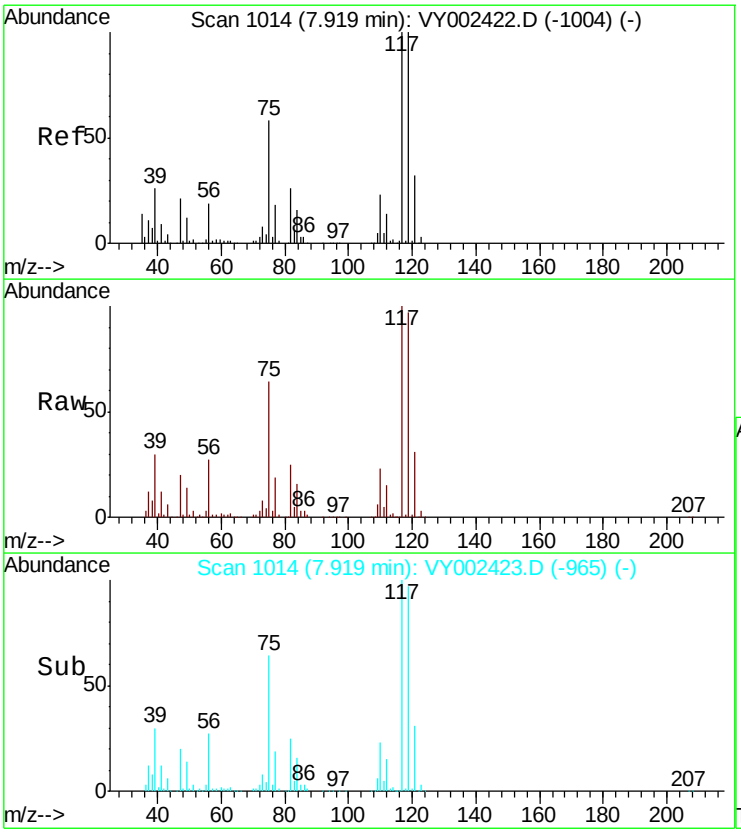
#37
Ethyl Acetate
Concen: 71.738 ug/l
RT: 7.10 min Scan# 879
Delta R.T. -0.00 min
Lab File: VY002423.D
Acq: 20 Apr 2020 14:38

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 159436

Ion	Ratio	Lower	Upper
43	100		
61	17.1	13.5	20.3
70	13.6	10.6	16.0

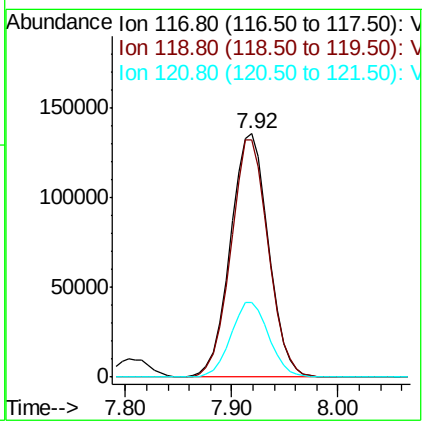


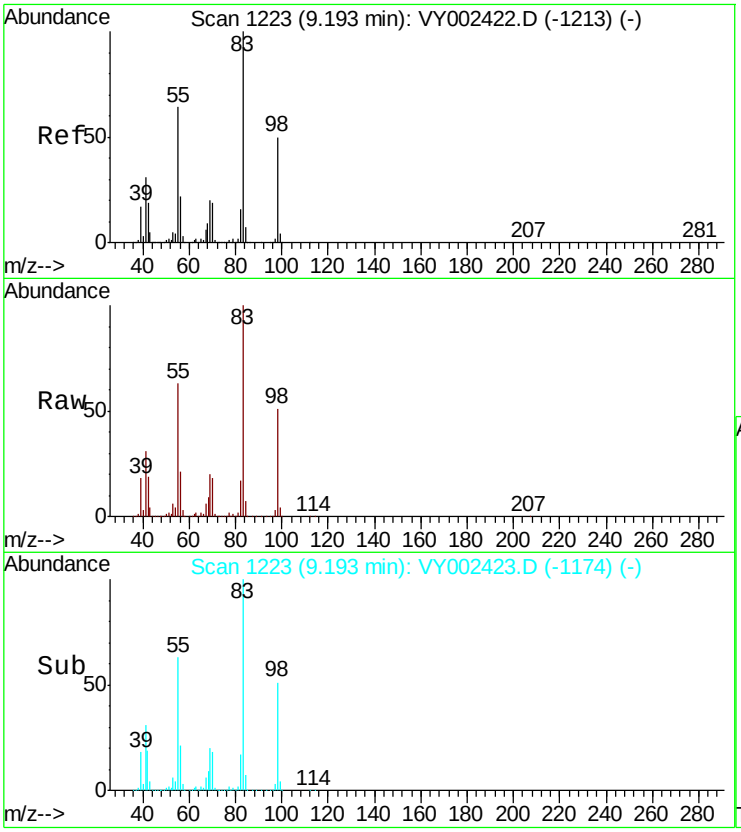


#38
Carbon Tetrachloride
Concen: 97.202 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. -0.00 min
Lab File: VY002423.D
Acq: 20 Apr 2020 14:38

Tgt Ion:117 Resp: 338739

Ion	Ratio	Lower	Upper
117	100		
119	97.2	79.6	119.4
121	30.5	25.4	38.2



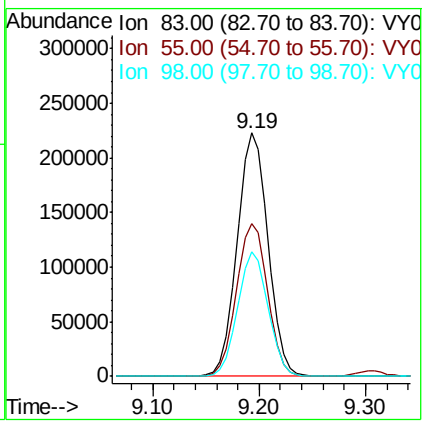


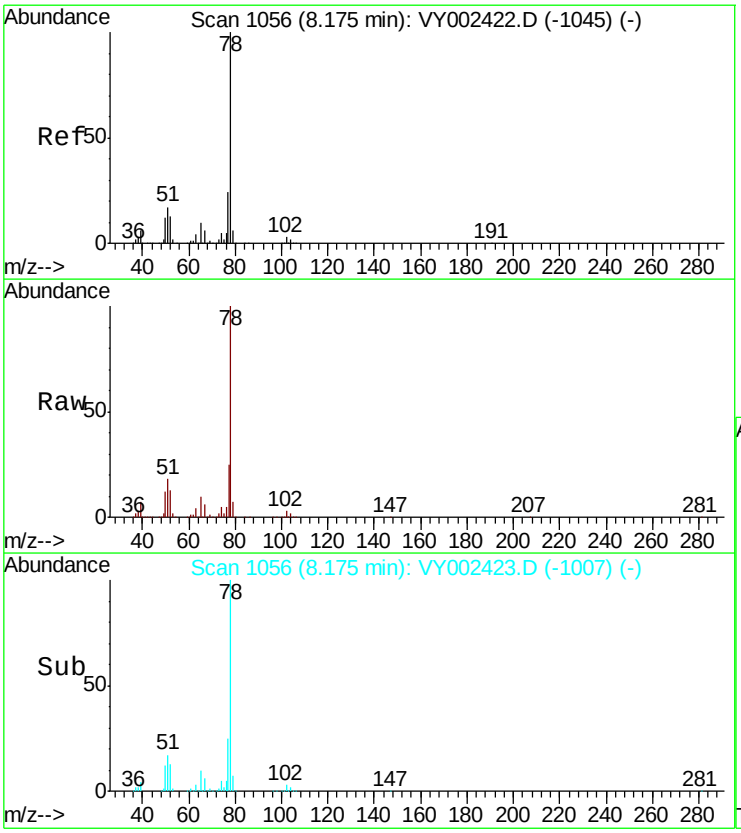
#39
Methylcyclohexane
Concen: 83.981 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. -0.00 min
Lab File: VY002423.D
Acq: 20 Apr 2020 14:38

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 83 Resp: 454432

Ion	Ratio	Lower	Upper
83	100		
55	62.8	51.2	76.8
98	51.2	39.8	59.6

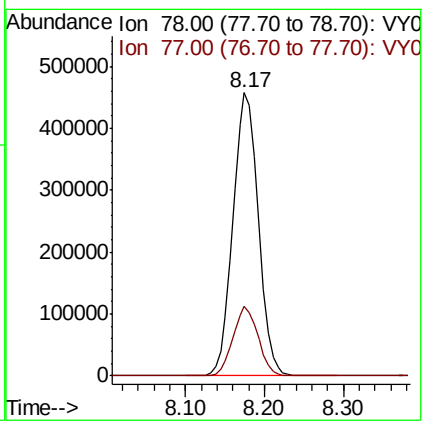


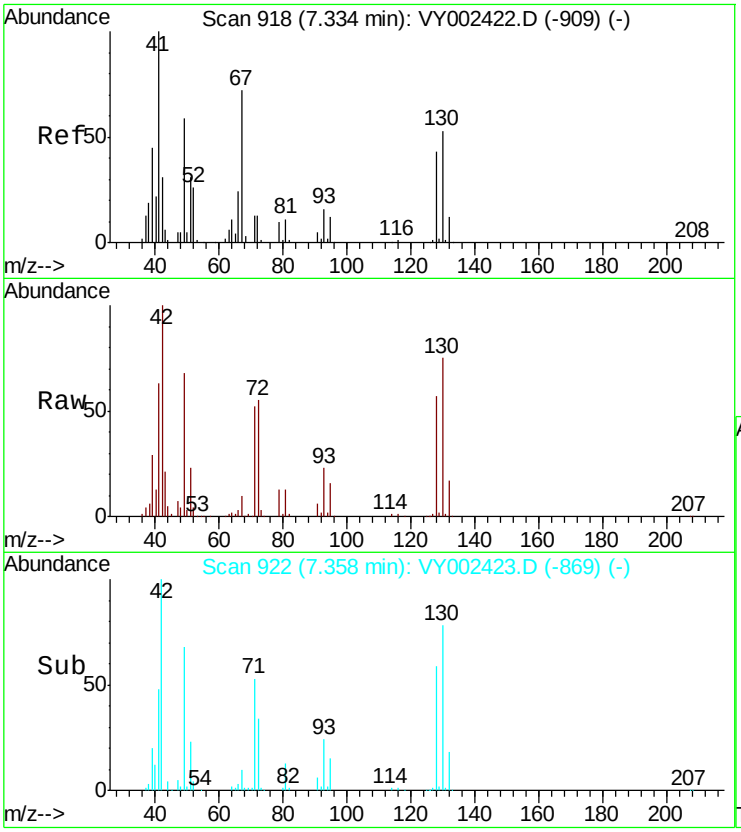


#40
Benzene
Concen: 84.865 ug/l
RT: 8.17 min Scan# 1056
Delta R.T. -0.00 min
Lab File: VY002423.D
Acq: 20 Apr 2020 14:38

Tgt Ion: 78 Resp: 1024118

Ion	Ratio	Lower	Upper
78	100		
77	24.7	19.0	28.4



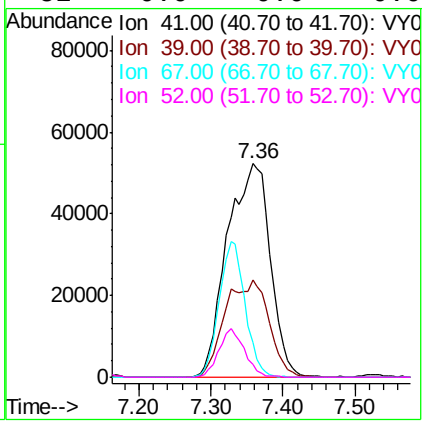


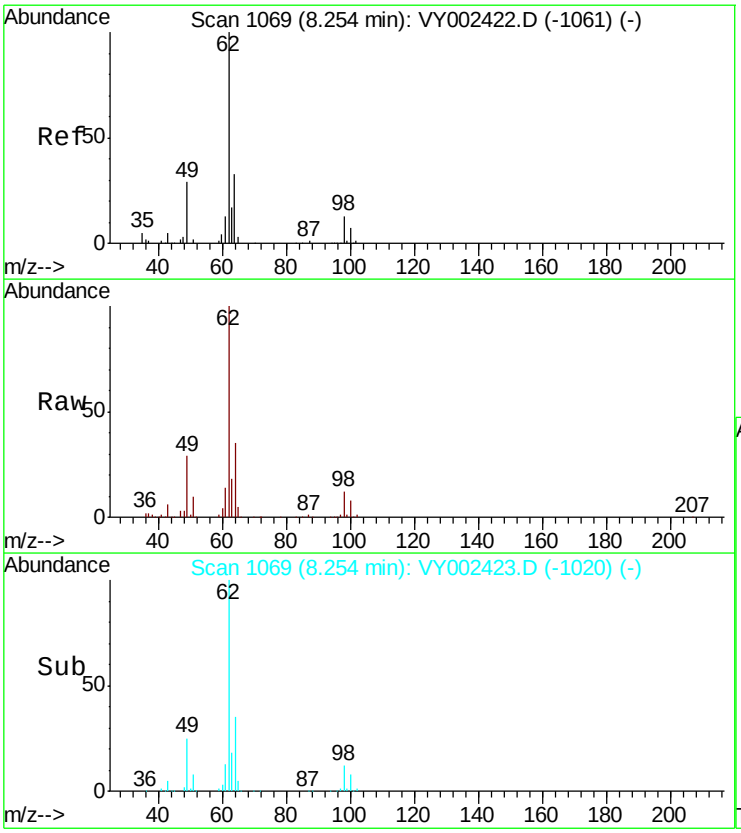
#41
Methacrylonitrile
Concen: 165.958 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.02 min
Lab File: VY002423.D
Acq: 20 Apr 2020 14:38

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 41 Resp: 216779

Ion	Ratio	Lower	Upper
41	100		
39	0.0	99.0	148.4#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

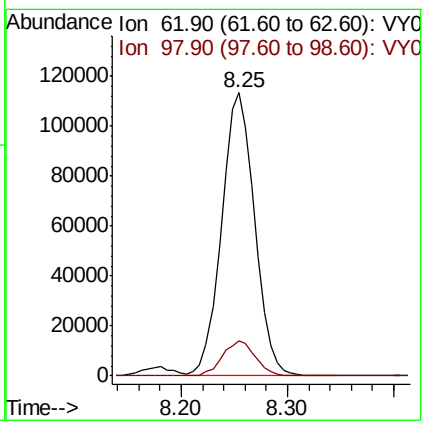


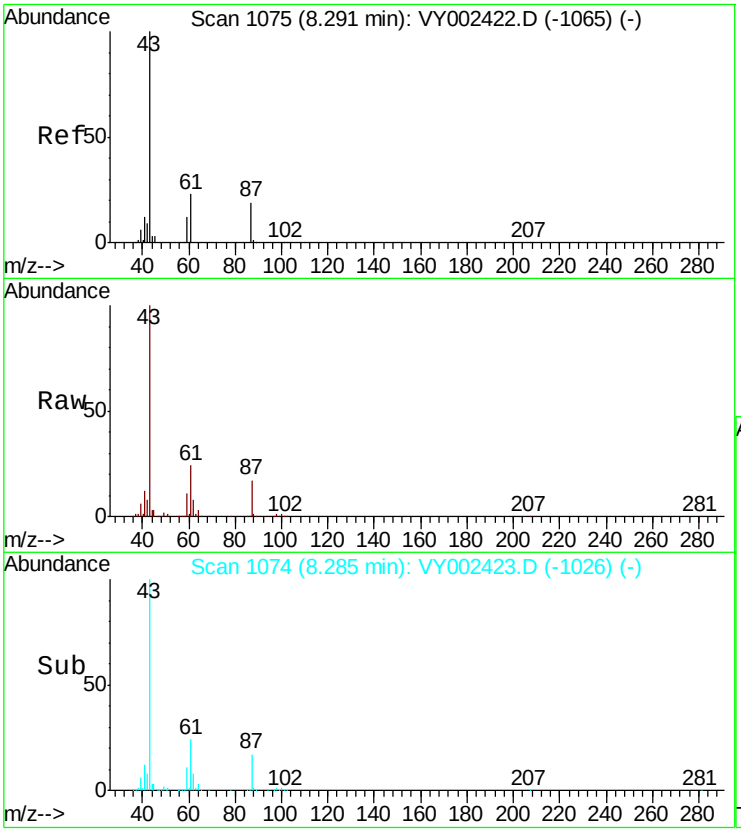


#42
1,2-Dichloroethane
Concen: 82.651 ug/l
RT: 8.25 min Scan# 1069
Delta R.T. -0.00 min
Lab File: VY002423.D
Acq: 20 Apr 2020 14:38

Tgt Ion: 62 Resp: 245799

Ion	Ratio	Lower	Upper
62	100		
98	12.3	0.0	25.4



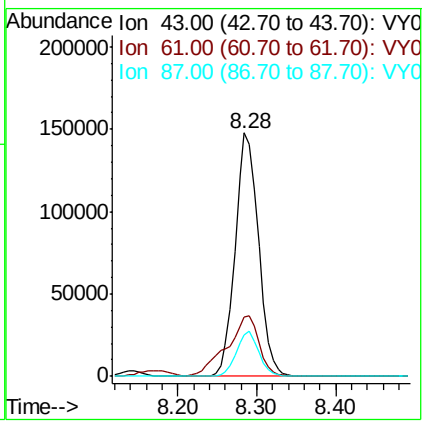


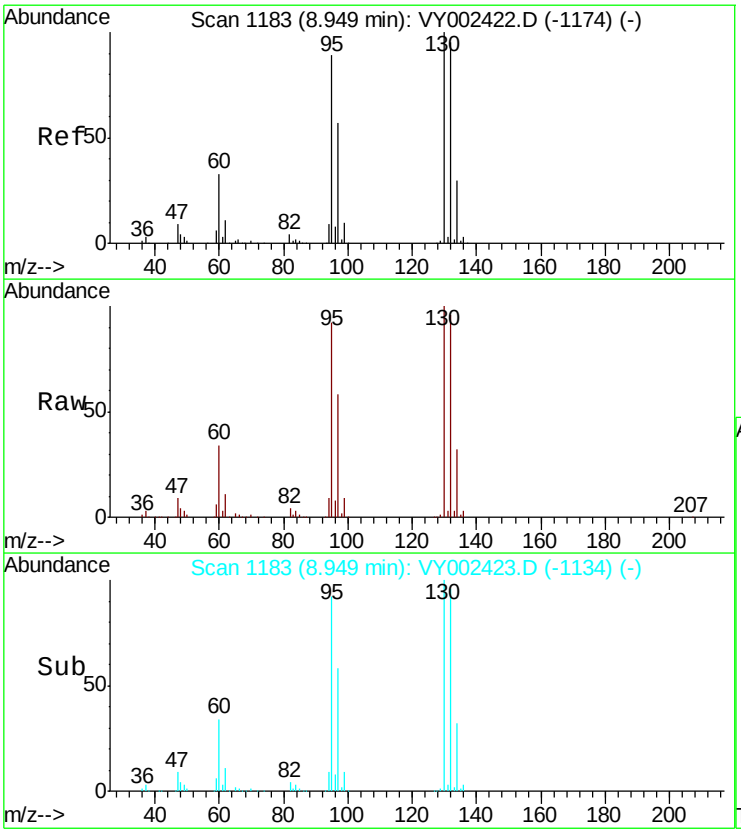
#43
Isopropyl Acetate
Concen: 75.099 ug/l
RT: 8.28 min Scan# 1074
Delta R.T. -0.01 min
Lab File: VY002423.D
Acq: 20 Apr 2020 14:38

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 303823

Ion	Ratio	Lower	Upper
43	100		
61	34.2	27.7	41.5
87	17.9	14.5	21.7

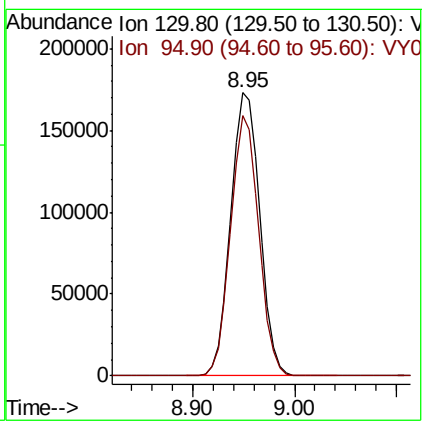


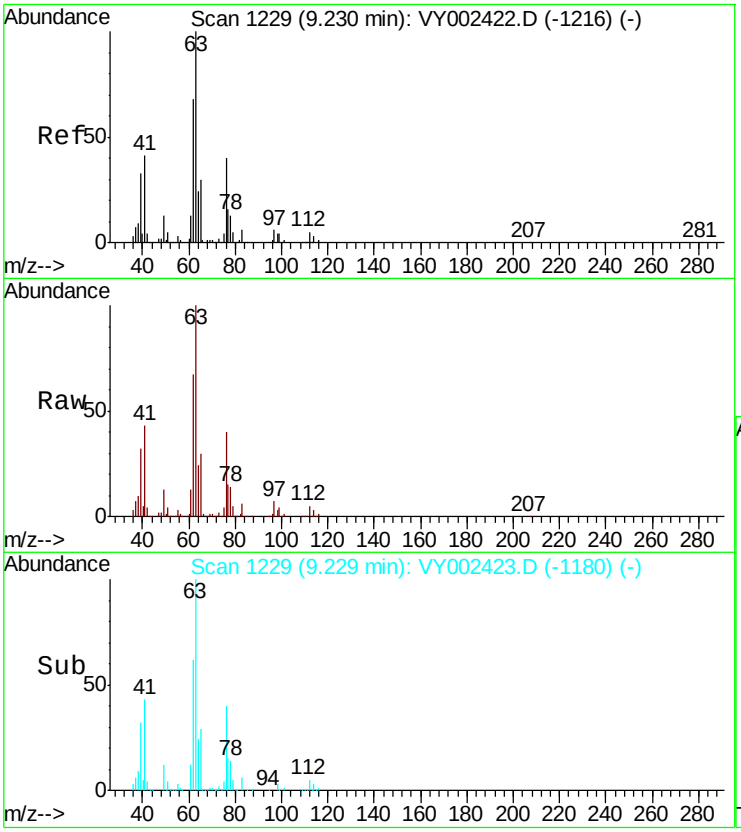


#44
Trichloroethene
Concen: 93.797 ug/l
RT: 8.95 min Scan# 1183
Delta R.T. -0.00 min
Lab File: VY002423.D
Acq: 20 Apr 2020 14:38

Tgt Ion:130 Resp: 341246

Ion	Ratio	Lower	Upper
130	100		
95	91.8	0.0	178.4



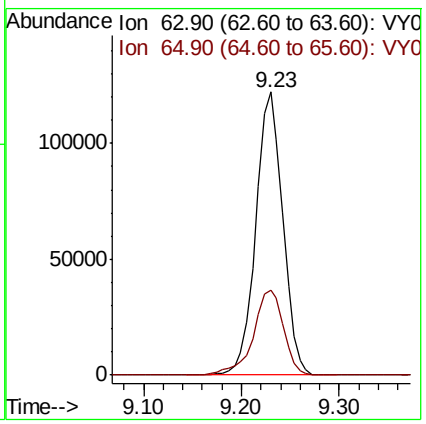


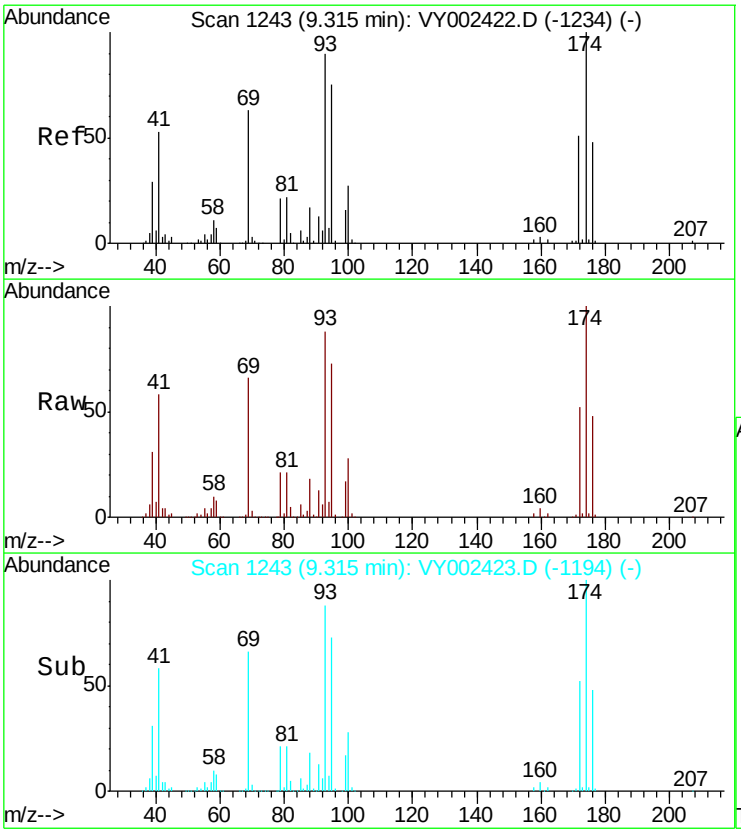
#45
1,2-Dichloropropane
Concen: 79.205 ug/l
RT: 9.23 min Scan# 1229
Delta R.T. -0.00 min
Lab File: VY002423.D
Acq: 20 Apr 2020 14:38

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 63 Resp: 234026

Ion	Ratio	Lower	Upper
63	100		
65	30.1	24.2	36.2

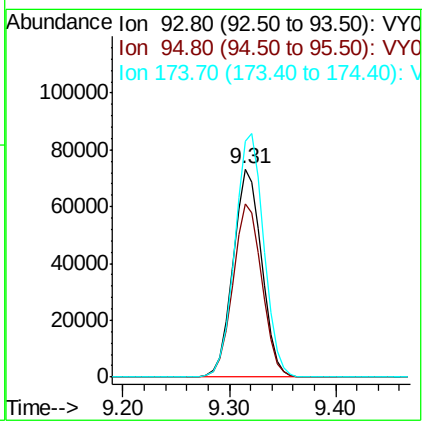


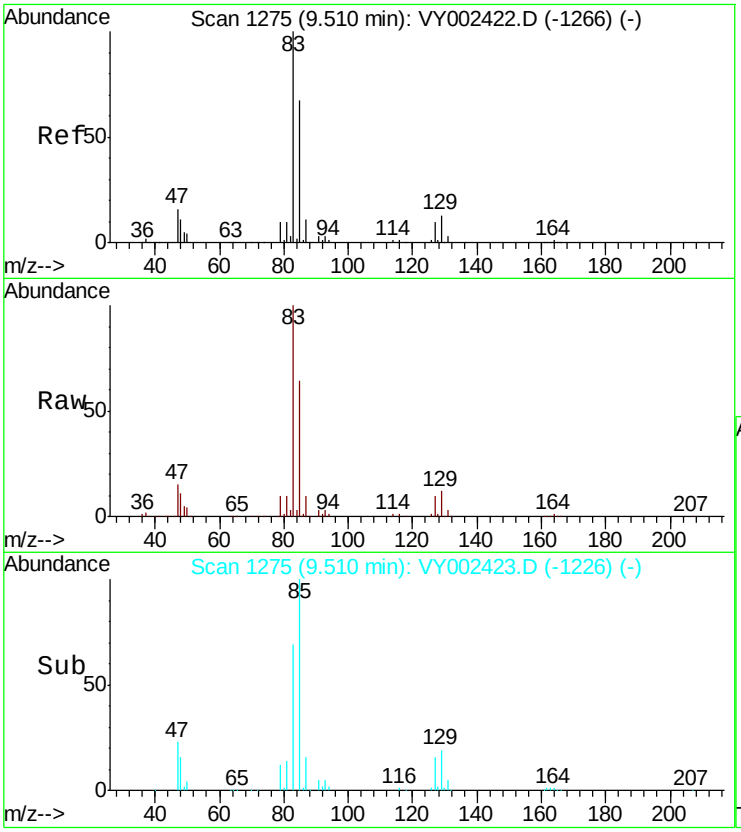


#46
Dibromomethane
Concen: 87.927 ug/l
RT: 9.31 min Scan# 1243
Delta R.T. -0.00 min
Lab File: VY002423.D
Acq: 20 Apr 2020 14:38

Tgt Ion: 93 Resp: 138364

Ion	Ratio	Lower	Upper
93	100		
95	84.2	67.5	101.3
174	118.4	94.5	141.7



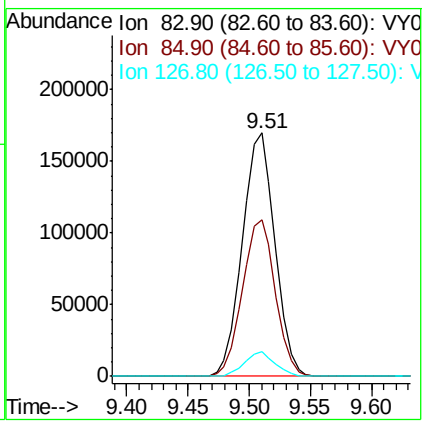


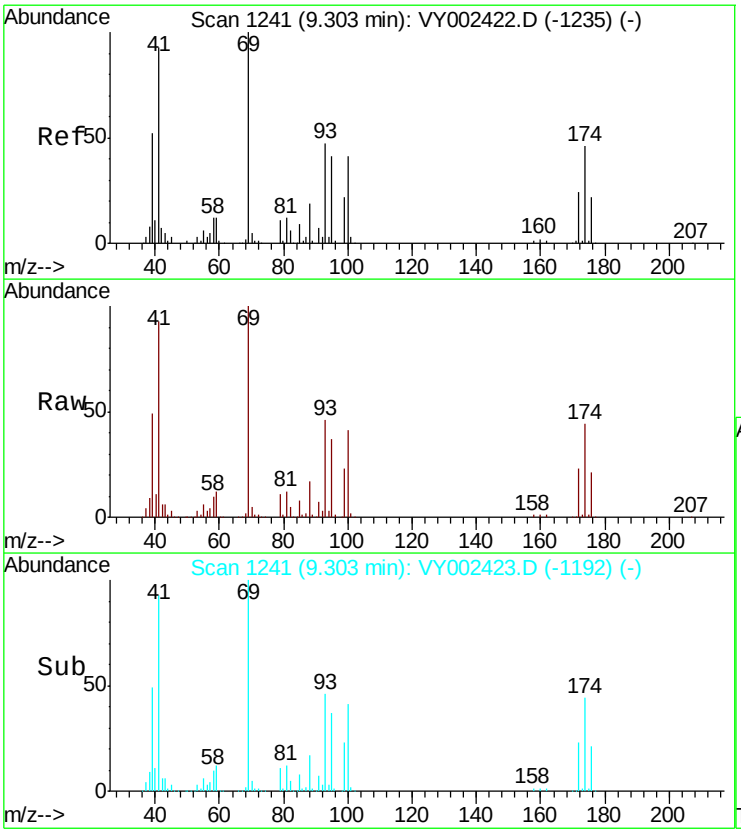
#47
Bromodichloromethane
Concen: 87.501 ug/l
RT: 9.51 min Scan# 1275
Delta R.T. -0.00 min
Lab File: VY002423.D
Acq: 20 Apr 2020 14:38

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 83 Resp: 315144

Ion	Ratio	Lower	Upper
83	100		
85	64.5	53.4	80.2
127	10.0	7.8	11.6

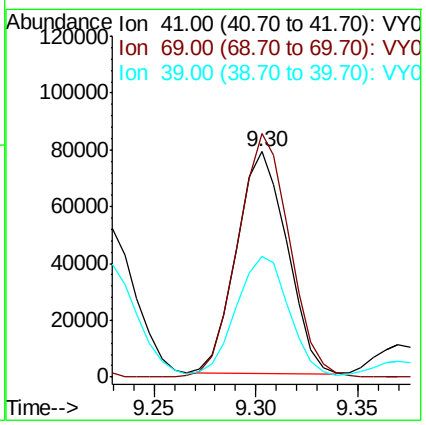


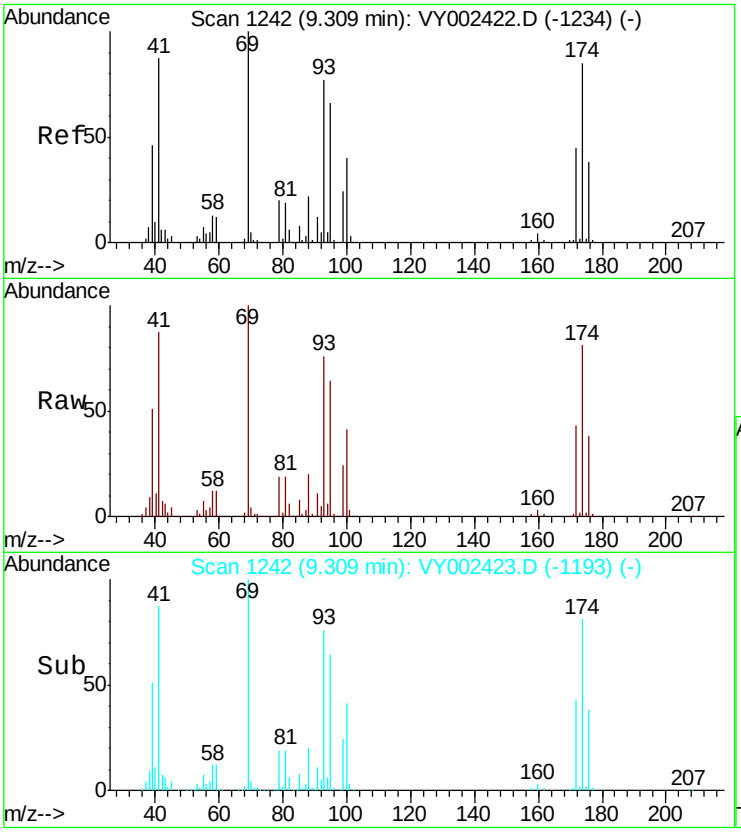


#48
Methyl methacrylate
Concen: 74.551 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VY002423.D
Acq: 20 Apr 2020 14:38

Tgt Ion: 41 Resp: 135434

Ion	Ratio	Lower	Upper
41	100		
69	112.0	87.9	131.9
39	54.6	43.5	65.3



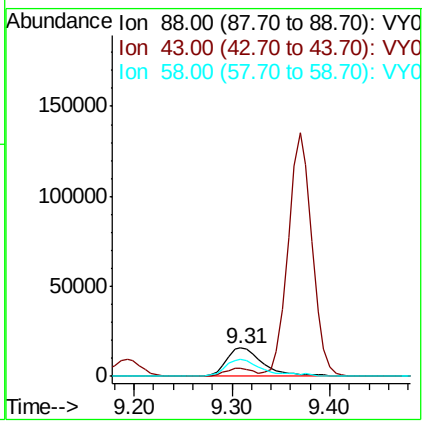


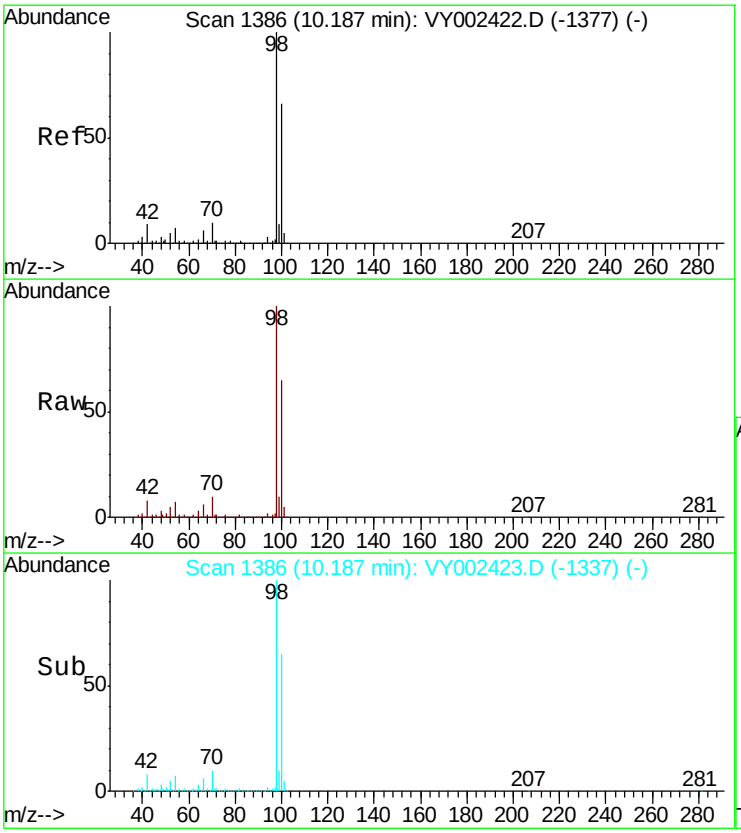
#49
1,4-Dioxane
Concen: 1859.914 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. -0.00 min
Lab File: VY002423.D
Acq: 20 Apr 2020 14:38

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 88 Resp: 41614

Ion	Ratio	Lower	Upper
88	100		
43	22.0	19.0	28.6
58	62.2	44.8	67.2

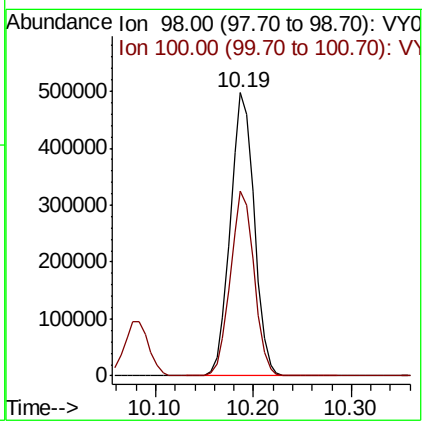


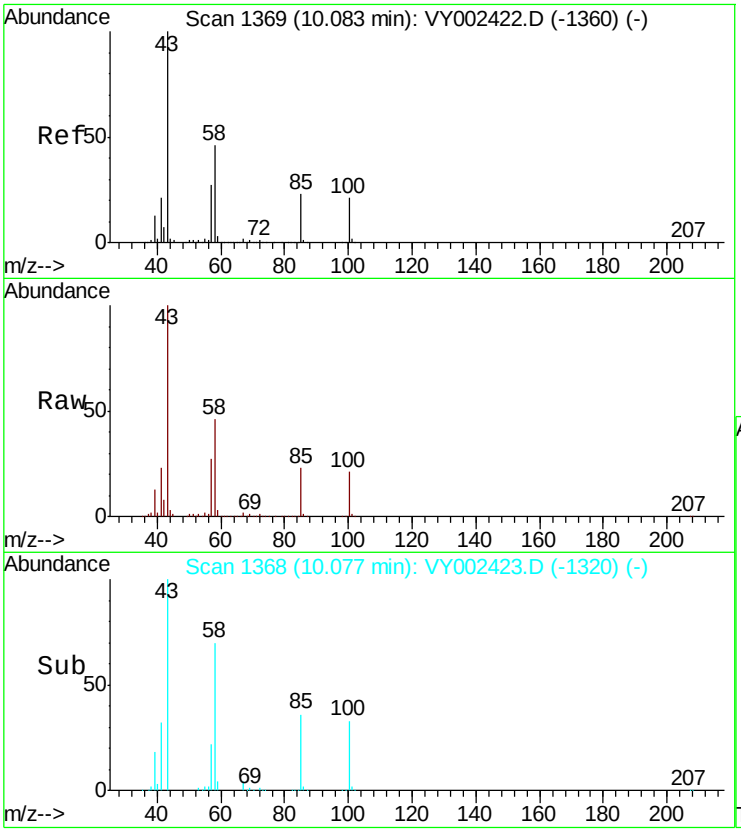


#50
Toluene-d8
Concen: 84.065 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.00 min
Lab File: VY002423.D
Acq: 20 Apr 2020 14:38

Tgt Ion: 98 Resp: 842459

Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.6	77.4



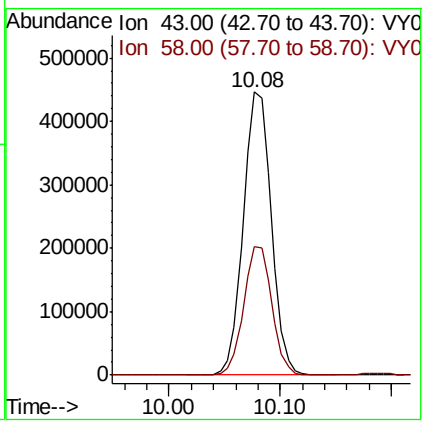


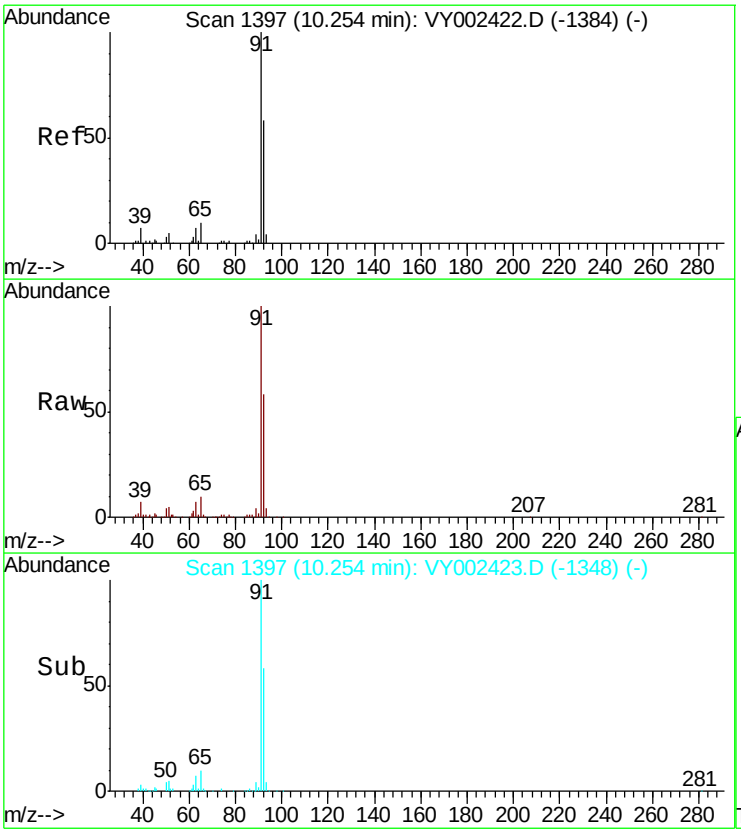
#51
4-Methyl-2-Pentanone
Concen: 368.577 ug/l
RT: 10.08 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VY002423.D
Acq: 20 Apr 2020 14:38

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 780113

Ion	Ratio	Lower	Upper
43	100		
58	45.7	36.8	55.2

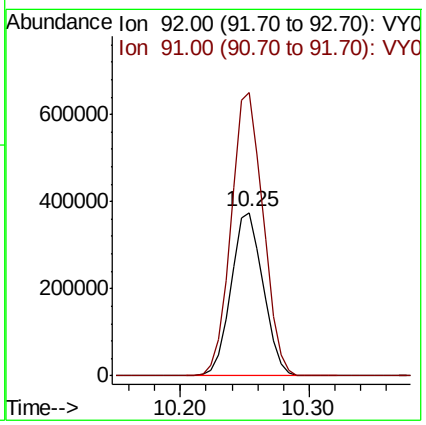


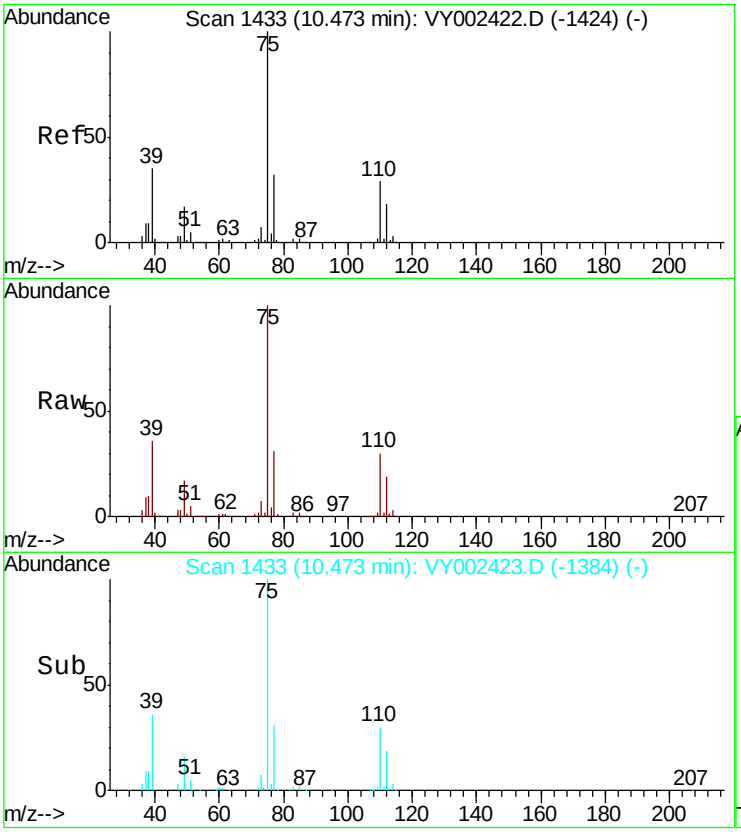


#52
Toluene
Concen: 88.438 ug/l
RT: 10.25 min Scan# 1397
Delta R.T. -0.00 min
Lab File: VY002423.D
Acq: 20 Apr 2020 14:38

Tgt Ion: 92 Resp: 646529

Ion	Ratio	Lower	Upper
92	100		
91	173.5	139.3	208.9



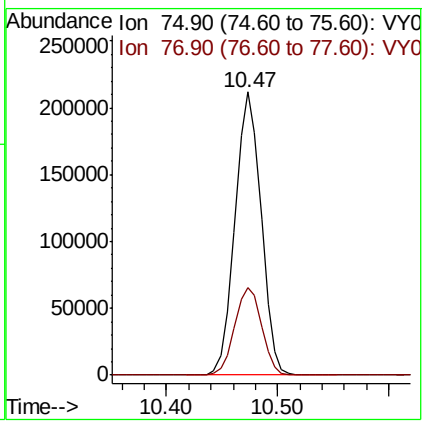


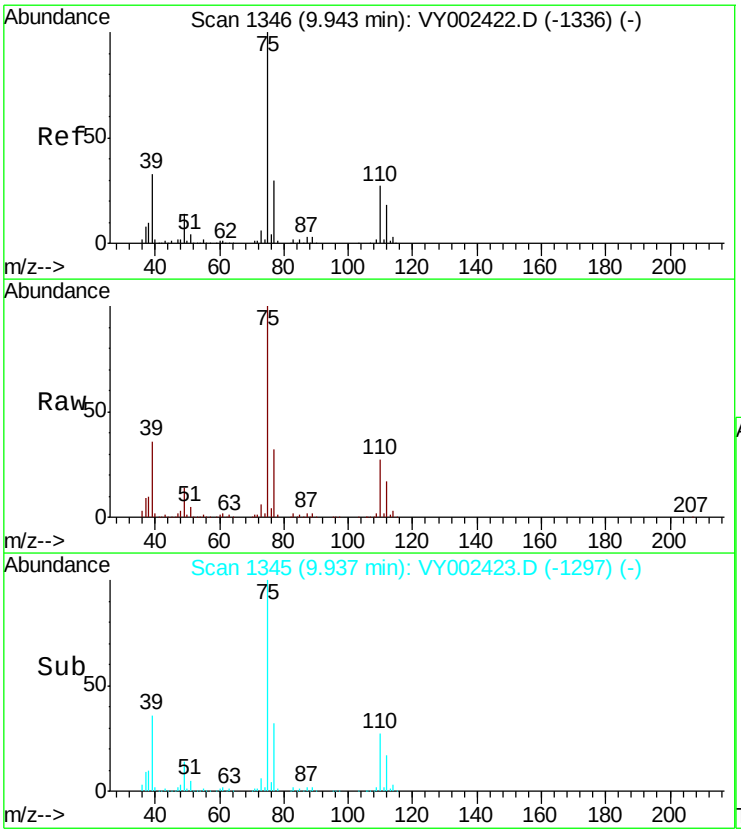
#53
t-1,3-Dichloropropene
Concen: 87.947 ug/l
RT: 10.47 min Scan# 1433
Delta R.T. -0.00 min
Lab File: VY002423.D
Acq: 20 Apr 2020 14:38

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 343521

Ion	Ratio	Lower	Upper
75	100		
77	31.1	25.2	37.8

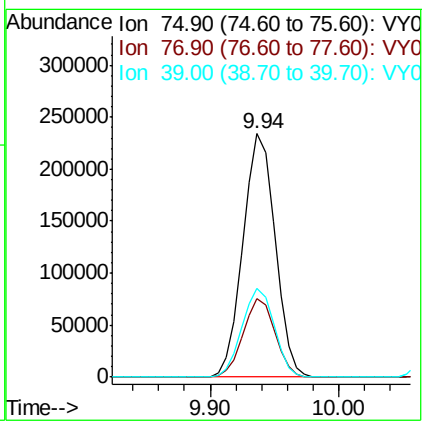


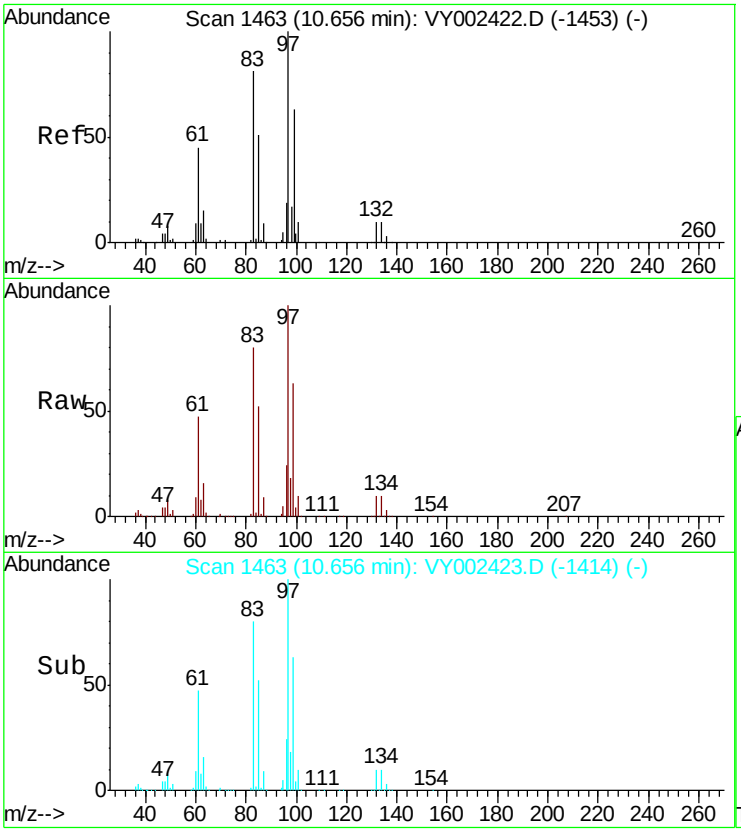


#54
cis-1,3-Dichloropropene
Concen: 85.923 ug/l
RT: 9.94 min Scan# 1345
Delta R.T. -0.01 min
Lab File: VY002423.D
Acq: 20 Apr 2020 14:38

Tgt Ion: 75 Resp: 403198

Ion	Ratio	Lower	Upper
75	100		
77	32.3	24.2	36.4
39	36.4	26.6	40.0



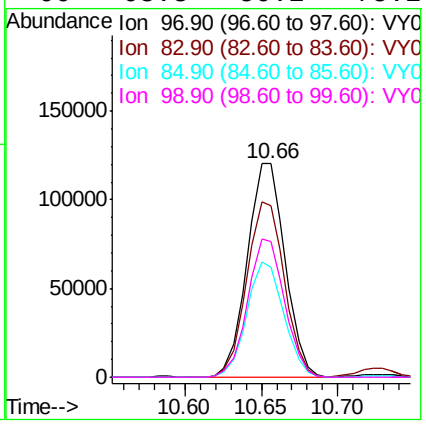


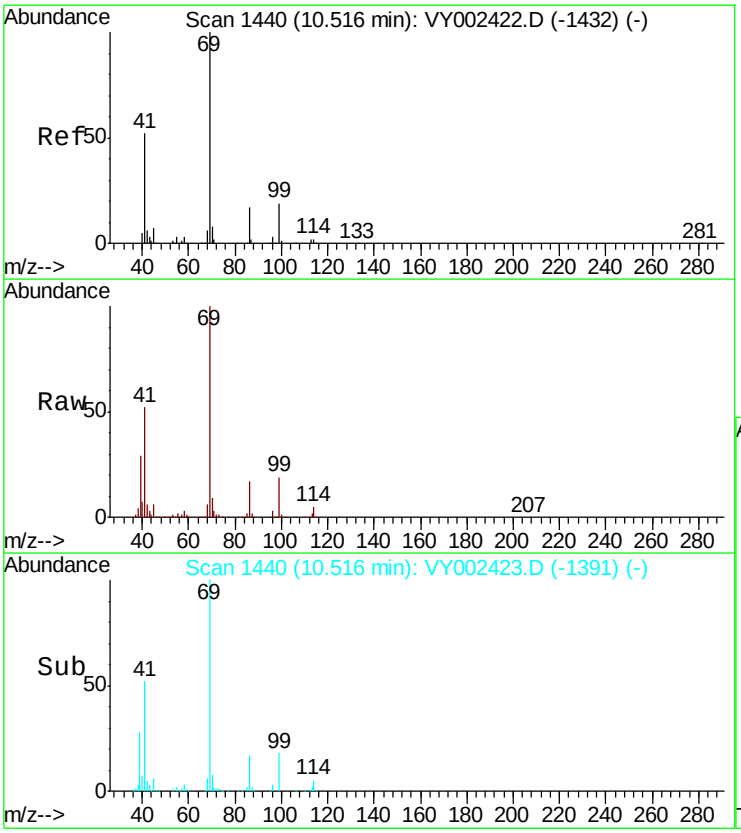
#55
1,1,2-Trichloroethane
Concen: 89.873 ug/l
RT: 10.66 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VY002423.D
Acq: 20 Apr 2020 14:38

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 97 Resp: 207399

Ion	Ratio	Lower	Upper
97	100		
83	80.3	64.6	96.8
85	51.7	41.1	61.7
99	63.3	50.2	75.2

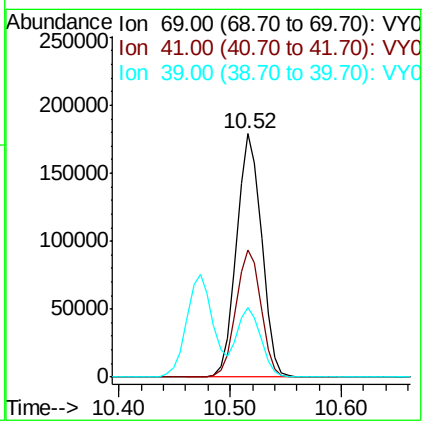


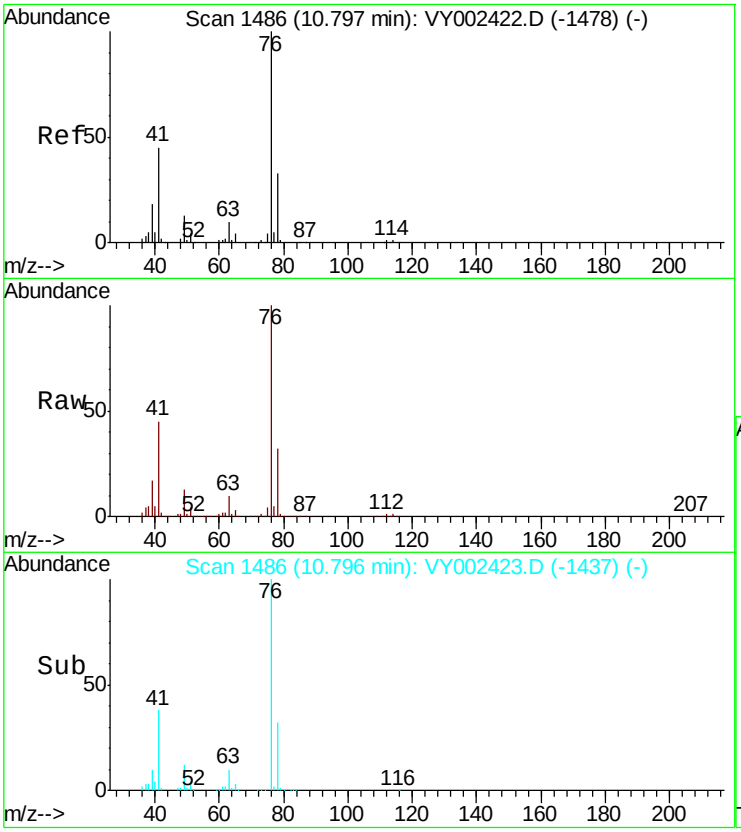


#56
Ethyl methacrylate
Concen: 85.997 ug/l
RT: 10.52 min Scan# 1440
Delta R.T. -0.00 min
Lab File: VY002423.D
Acq: 20 Apr 2020 14:38

Tgt Ion: 69 Resp: 279035

Ion	Ratio	Lower	Upper
69	100		
41	51.9	42.0	63.0
39	27.1	21.2	31.8



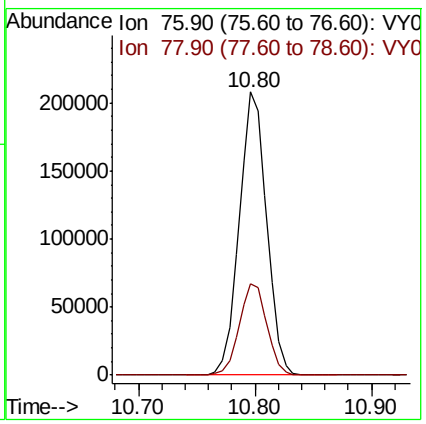


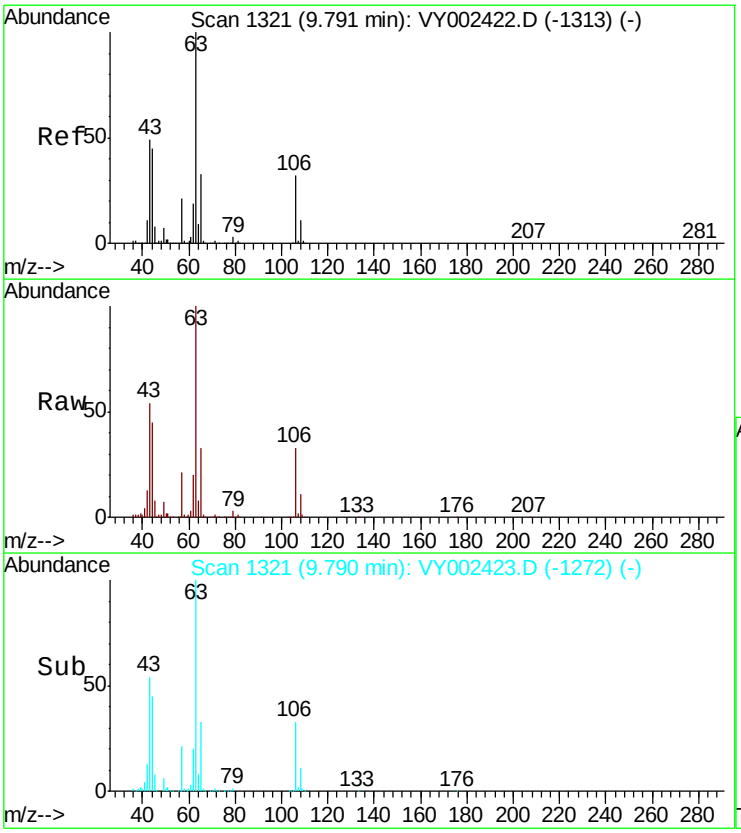
#57
1,3-Dichloropropane
Concen: 84.722 ug/l
RT: 10.80 min Scan# 1486
Delta R.T. -0.00 min
Lab File: VY002423.D
Acq: 20 Apr 2020 14:38

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 76 Resp: 340129

Ion	Ratio	Lower	Upper
76	100		
78	32.7	26.2	39.2

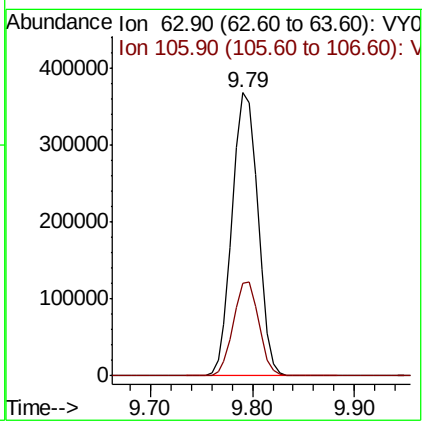


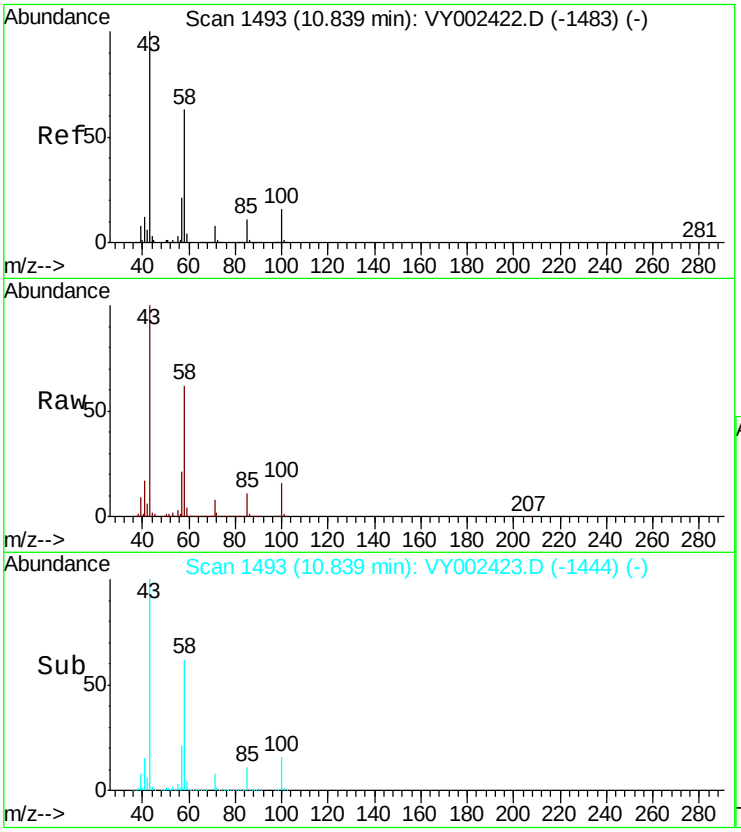


#58
2-Chloroethyl Vinyl ether
Concen: 381.365 ug/l
RT: 9.79 min Scan# 1321
Delta R.T. -0.00 min
Lab File: VY002423.D
Acq: 20 Apr 2020 14:38

Tgt Ion: 63 Resp: 642043

Ion	Ratio	Lower	Upper
63	100		
106	32.8	26.2	39.4



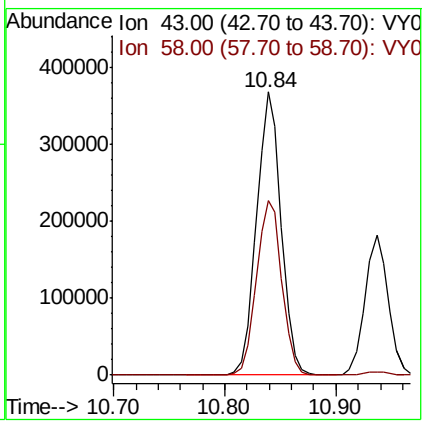


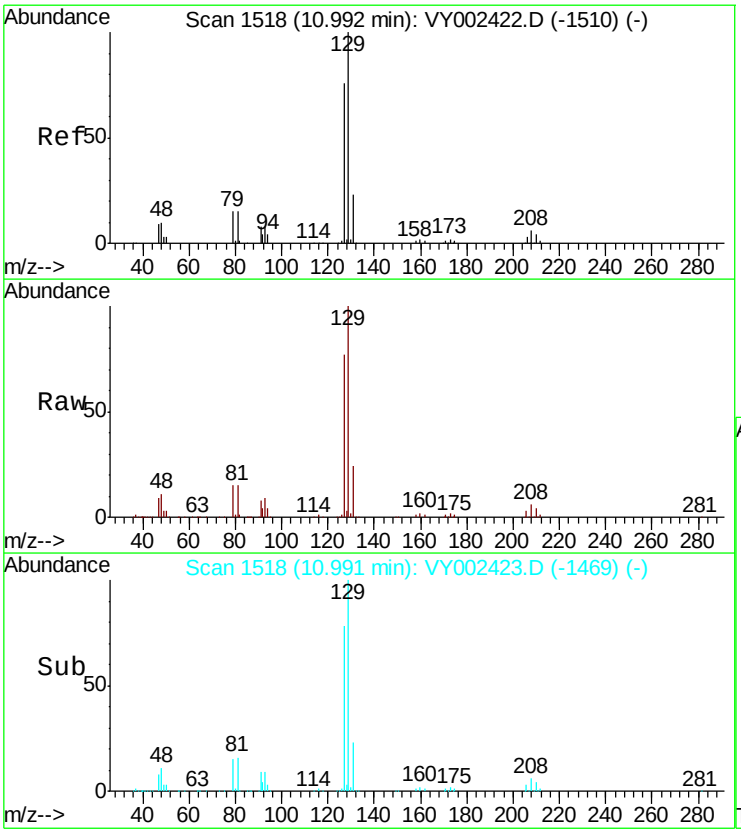
#59
2-Hexanone
Concen: 385.741 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VY002423.D
Acq: 20 Apr 2020 14:38

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 566209

Ion	Ratio	Lower	Upper
43	100		
58	63.6	32.5	97.4

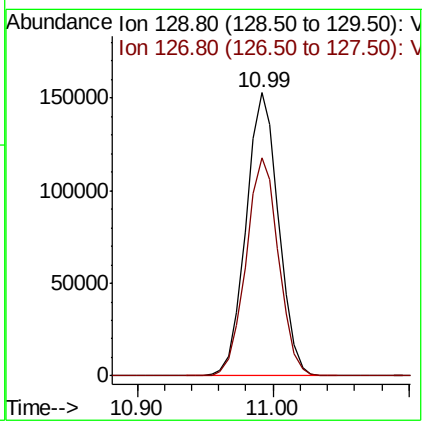


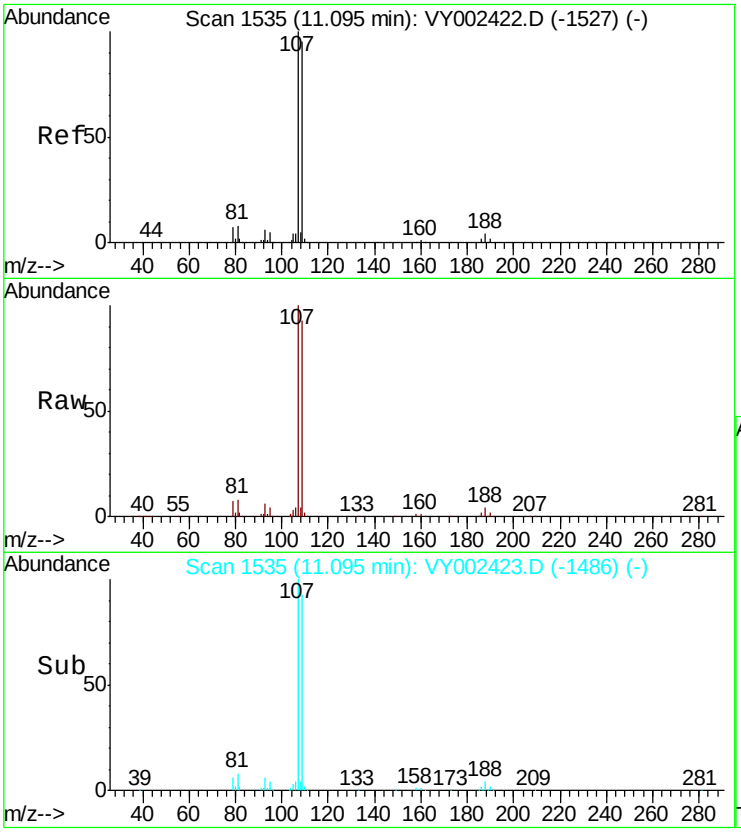


#60
Dibromochloromethane
Concen: 102.033 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VY002423.D
Acq: 20 Apr 2020 14:38

Tgt Ion:129 Resp: 255962

Ion	Ratio	Lower	Upper
129	100		
127	77.0	38.6	115.7



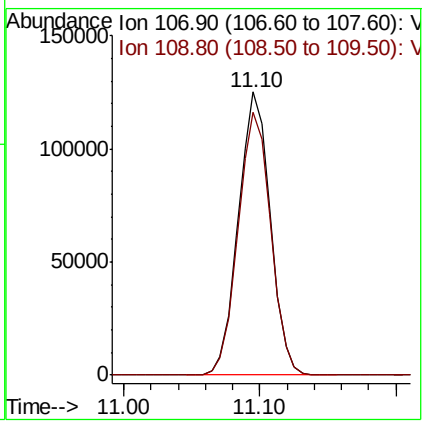


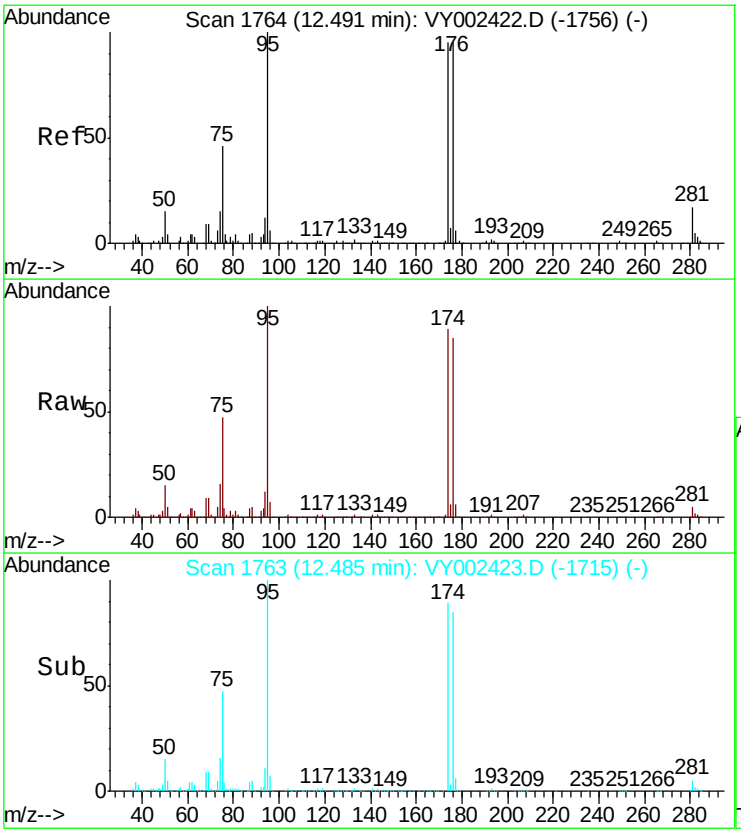
#61
1,2-Dibromoethane
Concen: 93.026 ug/l
RT: 11.10 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VY002423.D
Acq: 20 Apr 2020 14:38

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:107 Resp: 205599

Ion	Ratio	Lower	Upper
107	100		
109	94.8	76.4	114.6

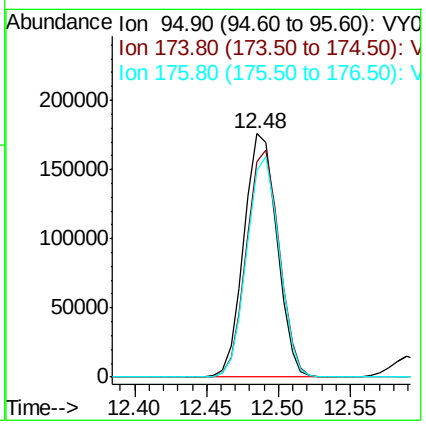


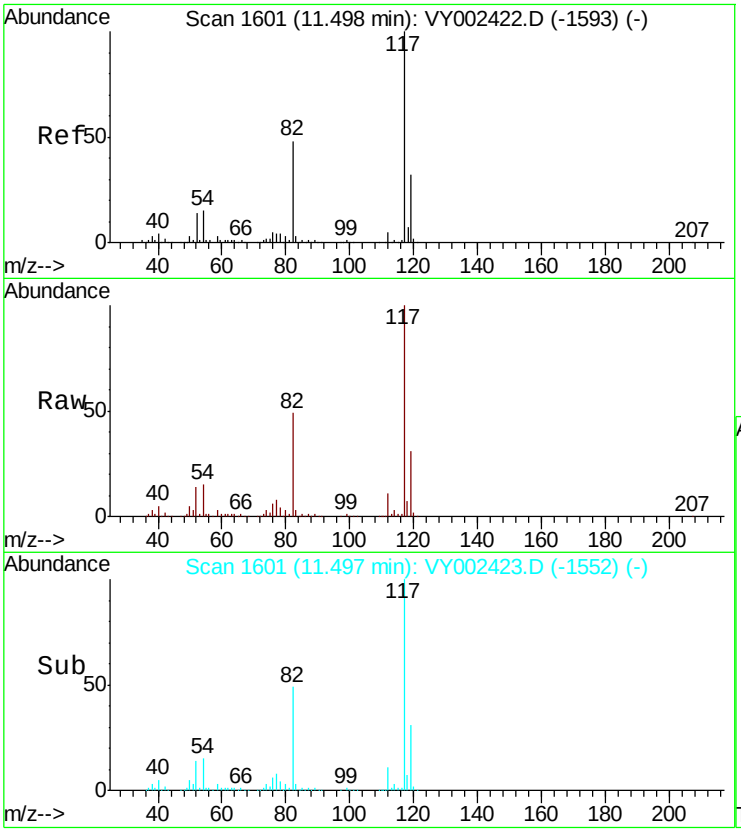


#62
4-Bromofluorobenzene
Concen: 84.549 ug/l
RT: 12.48 min Scan# 1763
Delta R.T. -0.01 min
Lab File: VY002423.D
Acq: 20 Apr 2020 14:38

Tgt Ion: 95 Resp: 278803

Ion	Ratio	Lower	Upper
95	100		
174	92.6	0.0	185.8
176	89.1	0.0	181.2



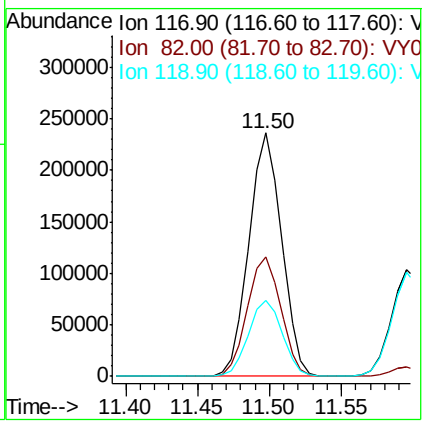


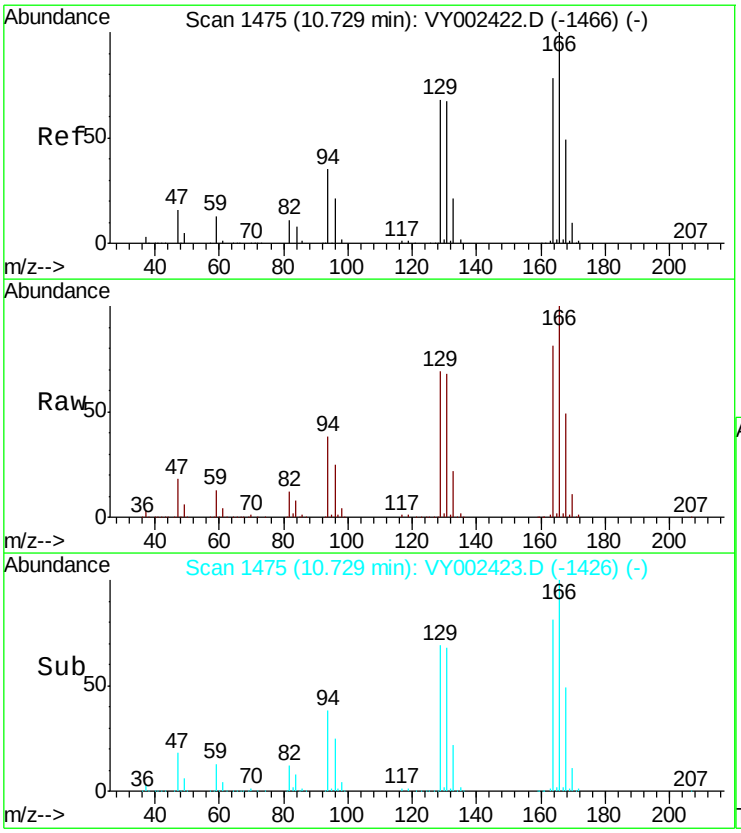
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY002423.D
Acq: 20 Apr 2020 14:38

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 369971

Ion	Ratio	Lower	Upper
117	100		
82	49.1	38.4	57.6
119	31.0	25.3	37.9

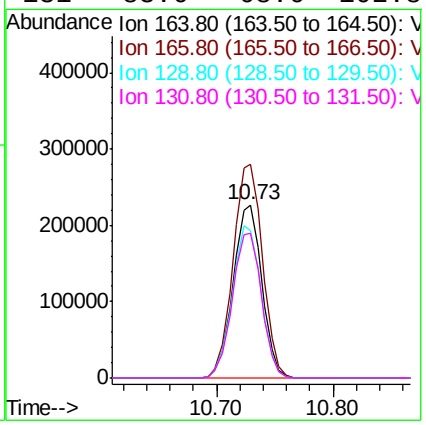


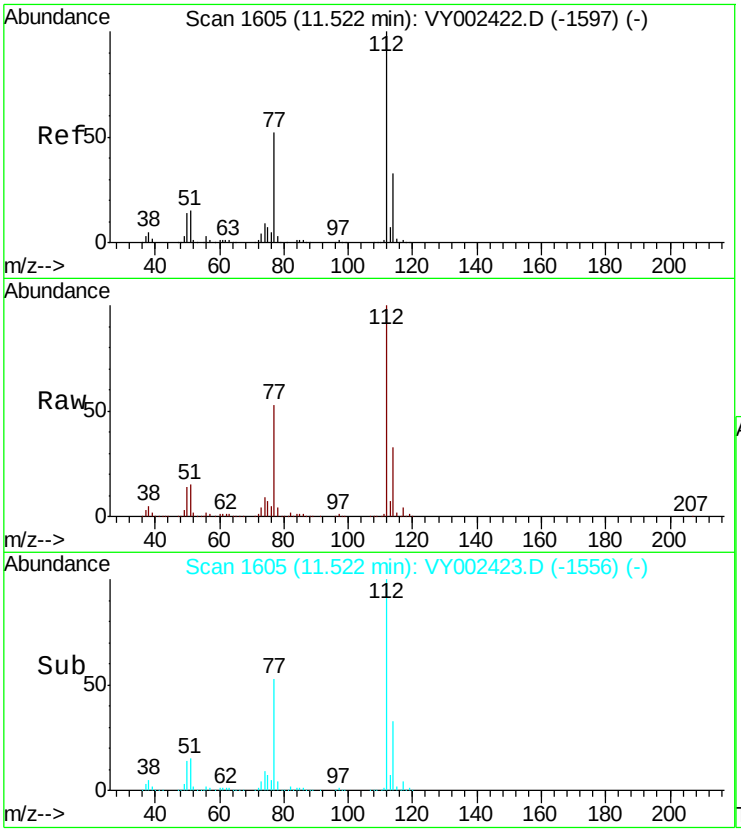


#64
Tetrachloroethene
Concen: 102.892 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. -0.00 min
Lab File: VY002423.D
Acq: 20 Apr 2020 14:38

Tgt Ion:164 Resp: 389948

Ion	Ratio	Lower	Upper
164	100		
166	123.1	102.4	153.6
129	84.7	70.1	105.1
131	83.6	68.6	102.8



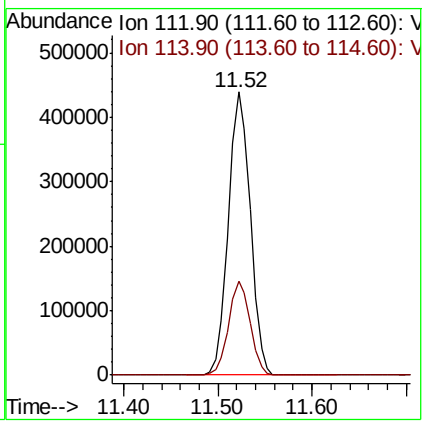


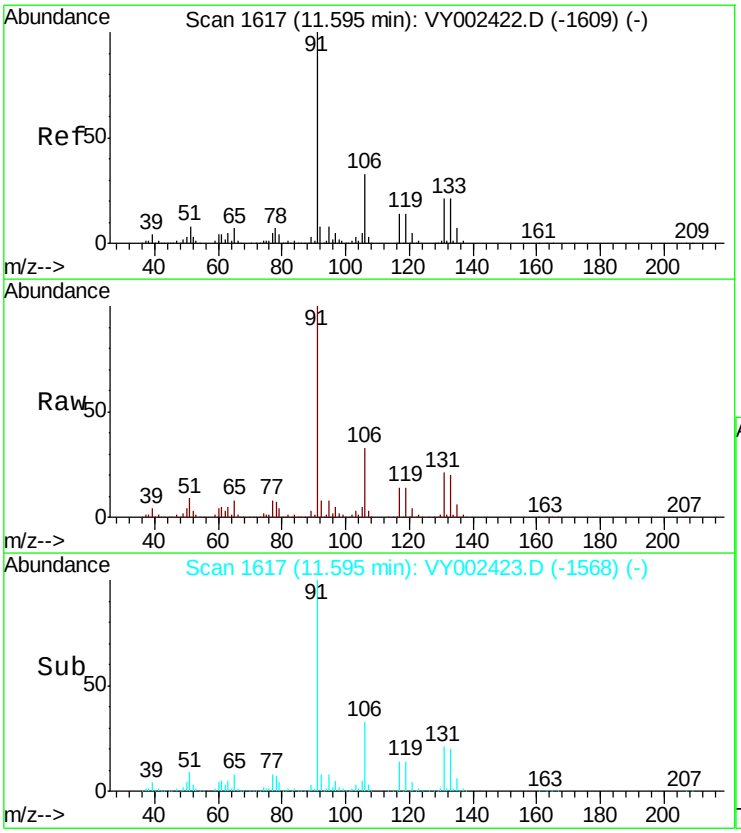
#65
Chlorobenzene
Concen: 93.149 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. -0.00 min
Lab File: VY002423.D
Acq: 20 Apr 2020 14:38

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:112 Resp: 709520

Ion	Ratio	Lower	Upper
112	100		
114	33.2	26.5	39.7

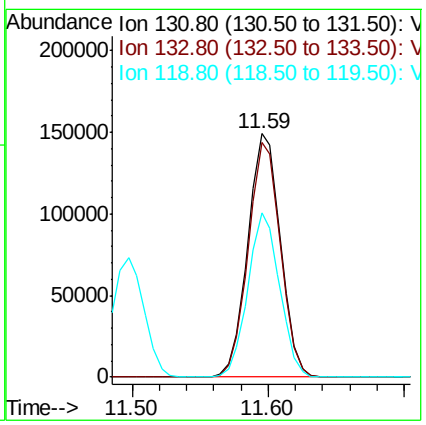


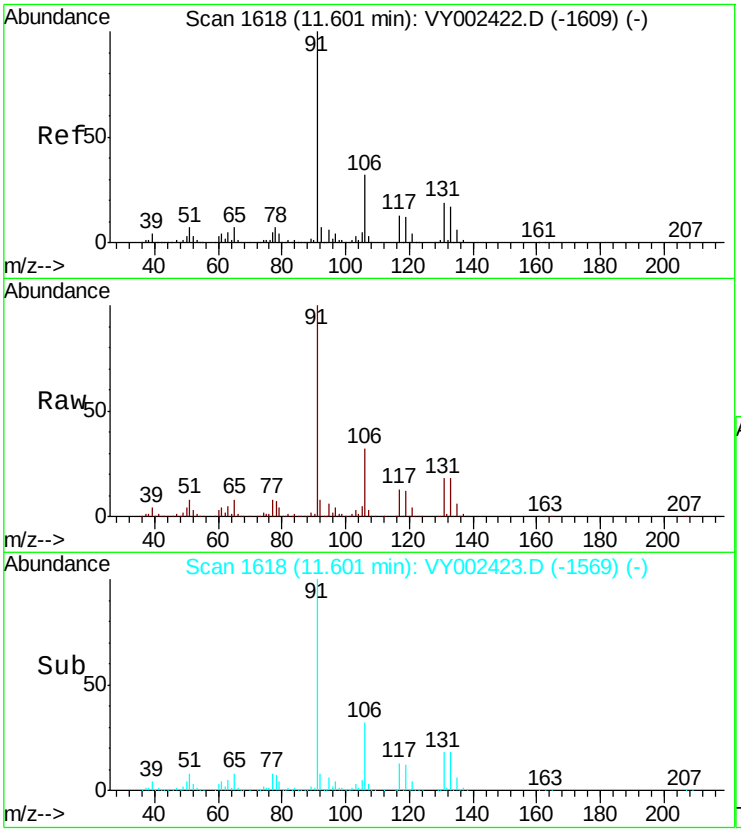


#66
1,1,1,2-Tetrachloroethane
Concen: 98.834 ug/l
RT: 11.59 min Scan# 1617
Delta R.T. -0.00 min
Lab File: VY002423.D
Acq: 20 Apr 2020 14:38

Tgt Ion:131 Resp: 250618

Ion	Ratio	Lower	Upper
131	100		
133	95.7	47.9	143.8
119	65.8	33.5	100.4



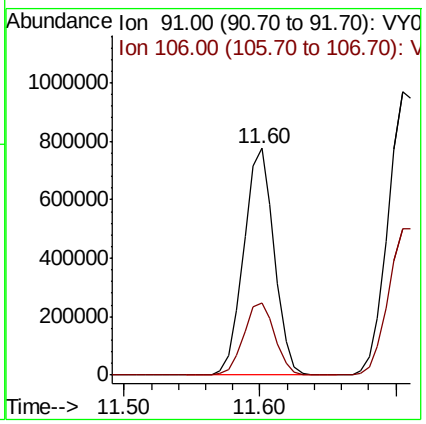


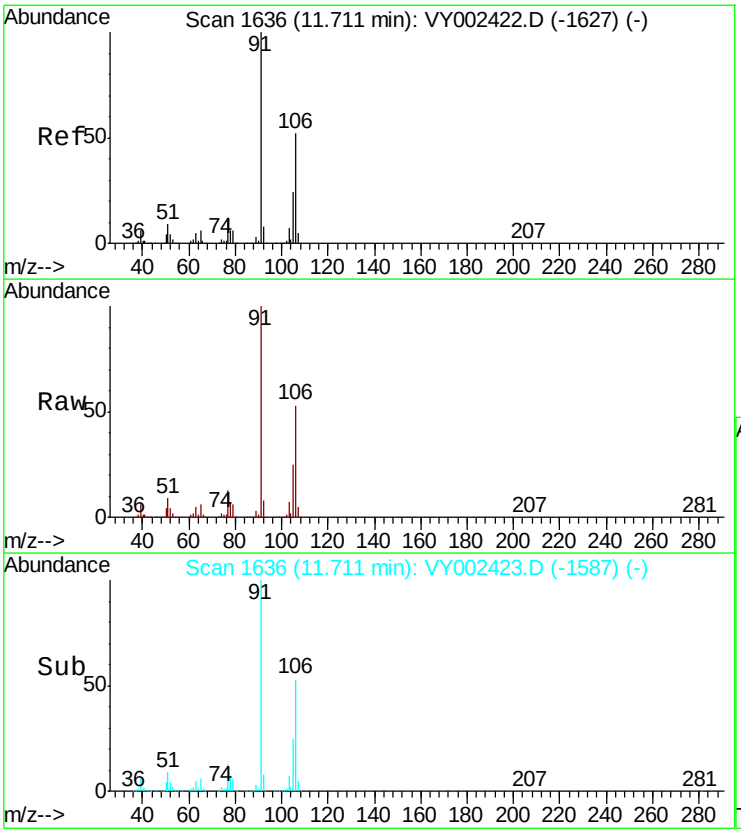
#67
Ethyl Benzene
Concen: 87.982 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VY002423.D
Acq: 20 Apr 2020 14:38

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 91 Resp: 1214548

Ion	Ratio	Lower	Upper
91	100		
106	31.9	25.8	38.8

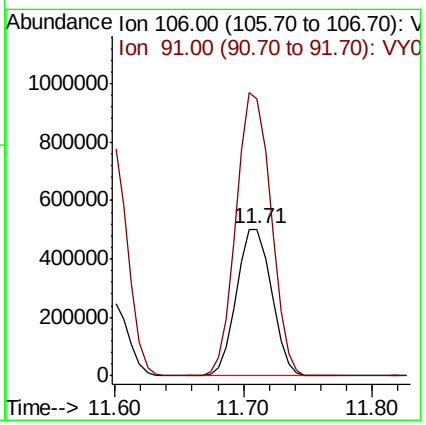


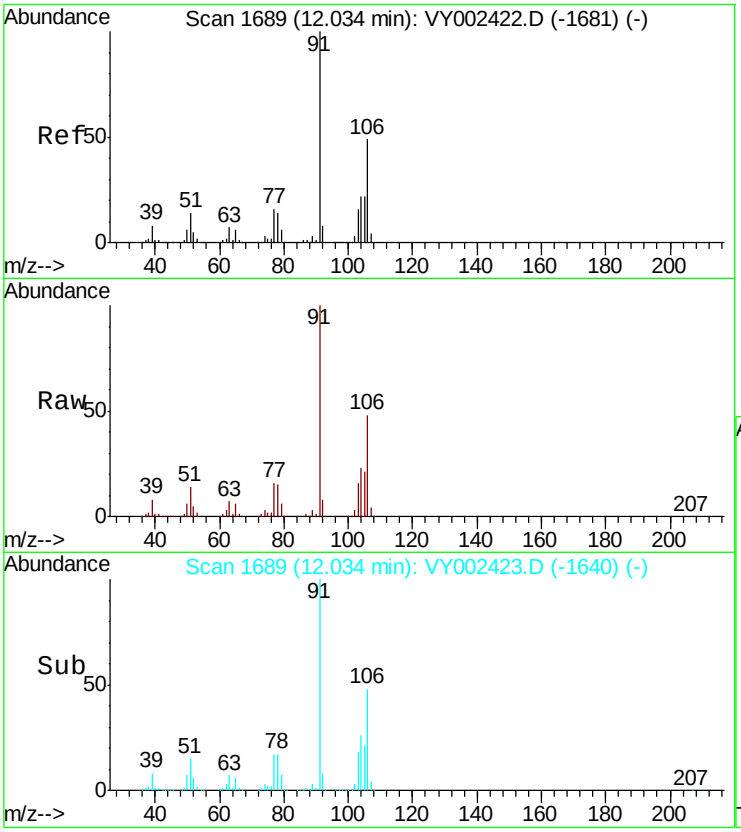


#68
m/p-Xylenes
Concen: 181.903 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VY002423.D
Acq: 20 Apr 2020 14:38

Tgt Ion:106 Resp: 946608

Ion	Ratio	Lower	Upper
106	100		
91	192.5	153.6	230.4



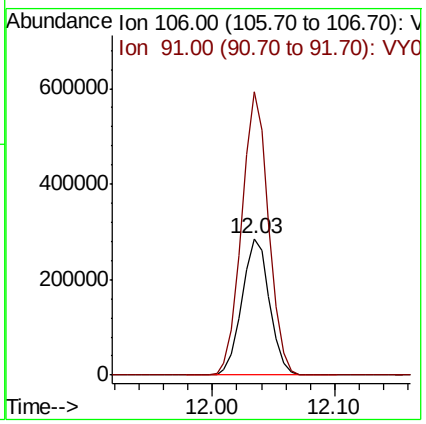


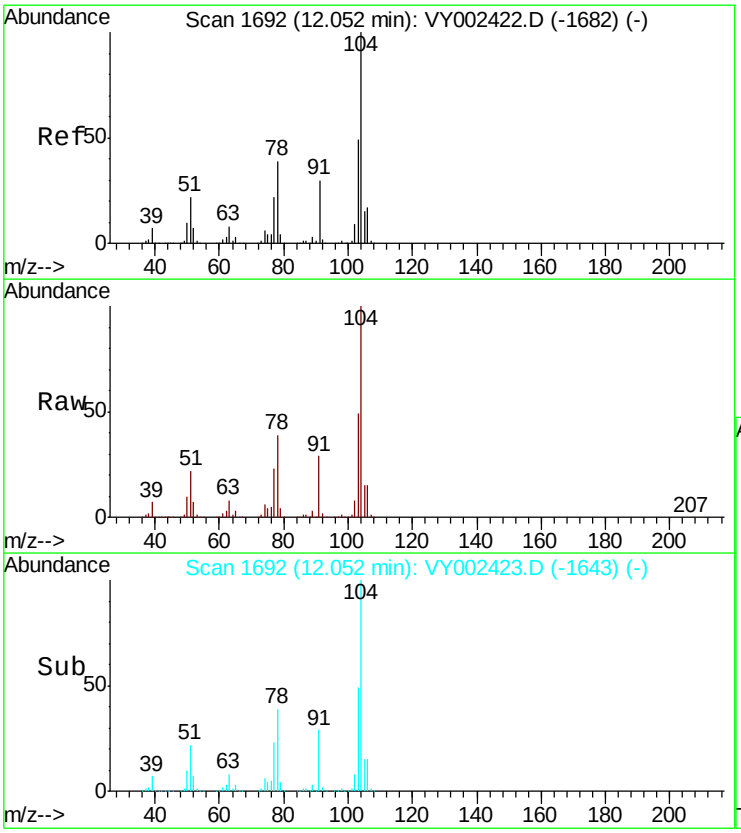
#69
o-Xylene
Concen: 91.024 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VY002423.D
Acq: 20 Apr 2020 14:38

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:106 Resp: 444699

Ion	Ratio	Lower	Upper
106	100		
91	203.1	100.4	301.2

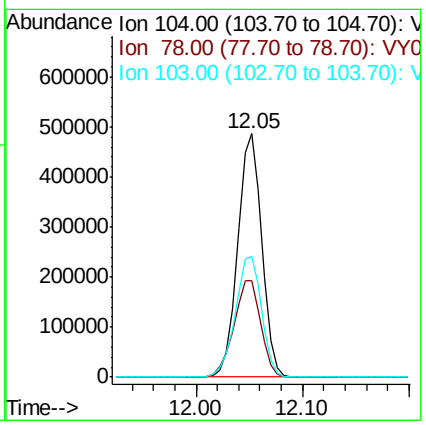


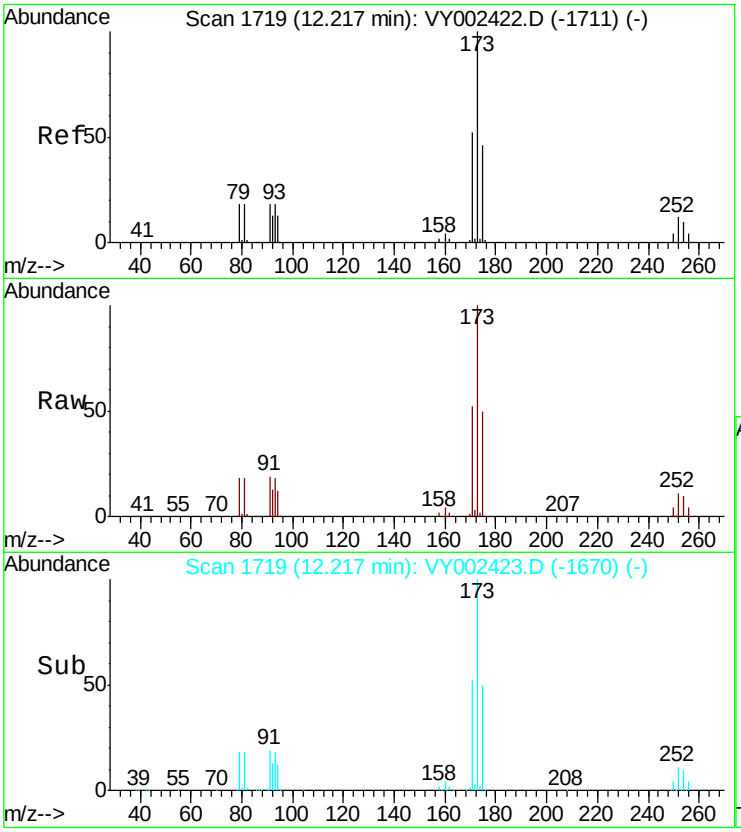


#70
Styrene
Concen: 90.968 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VY002423.D
Acq: 20 Apr 2020 14:38

Tgt Ion:104 Resp: 769936

Ion	Ratio	Lower	Upper
104	100		
78	44.3	34.5	51.7
103	54.2	43.4	65.2



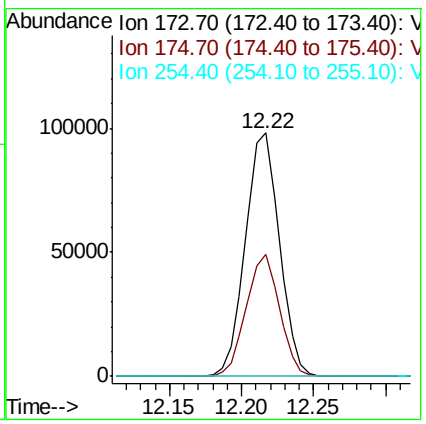


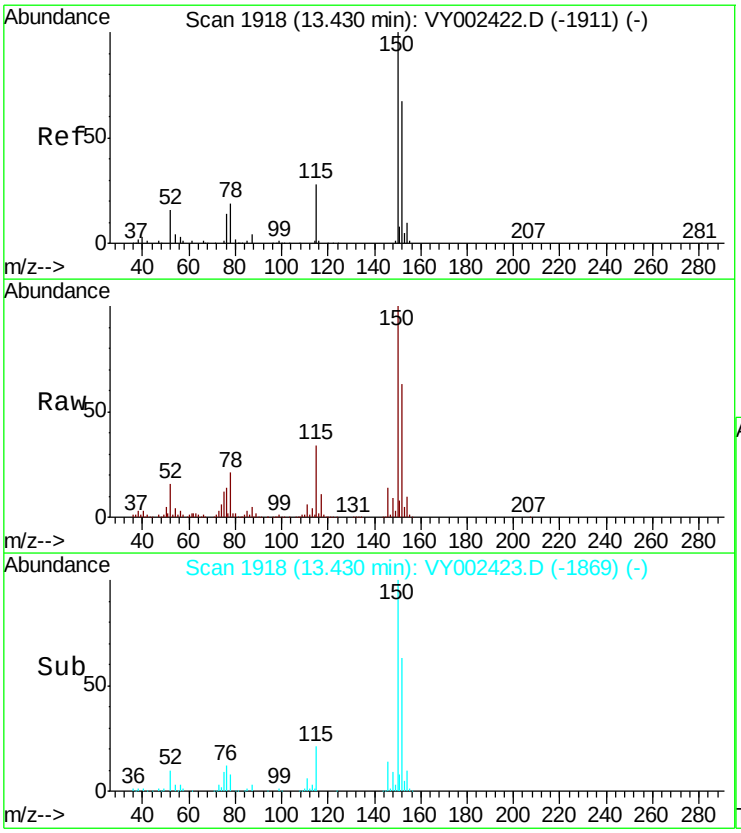
#71
Bromoform
Concen: 113.878 ug/l
RT: 12.22 min Scan# 1719
Delta R.T. -0.00 min
Lab File: VY002423.D
Acq: 20 Apr 2020 14:38

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:173 Resp: 160158

Ion	Ratio	Lower	Upper
173	100		
175	49.2	23.9	71.7
254	0.1	0.1	0.1

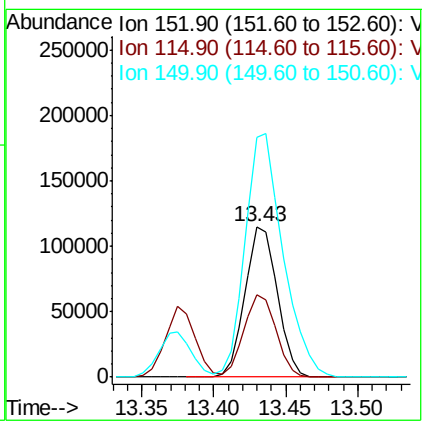


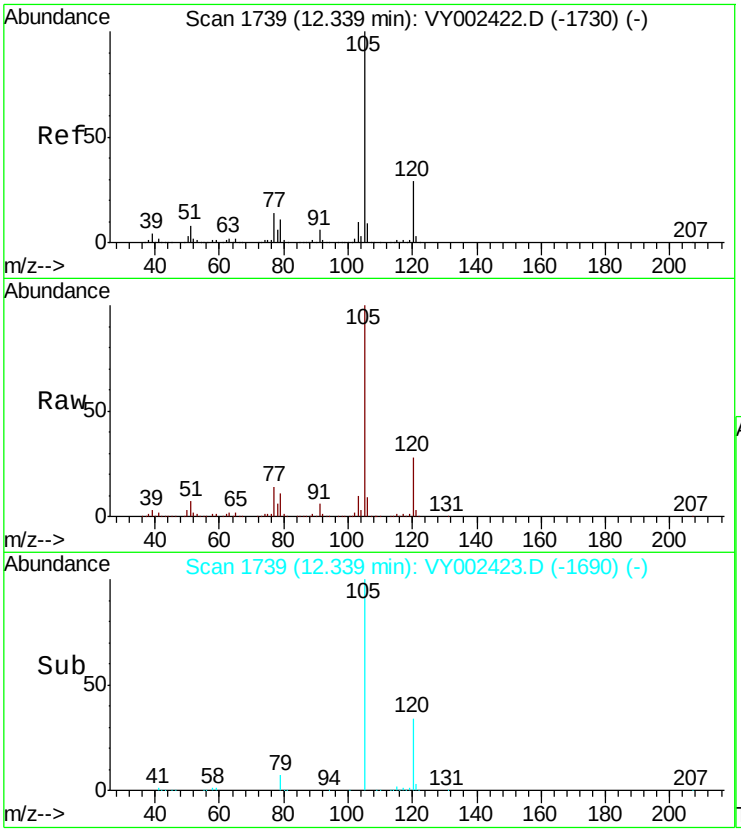


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VY002423.D
Acq: 20 Apr 2020 14:38

Tgt Ion:152 Resp: 178374

Ion	Ratio	Lower	Upper
152	100		
115	54.1	27.3	81.8
150	189.2	0.0	344.0



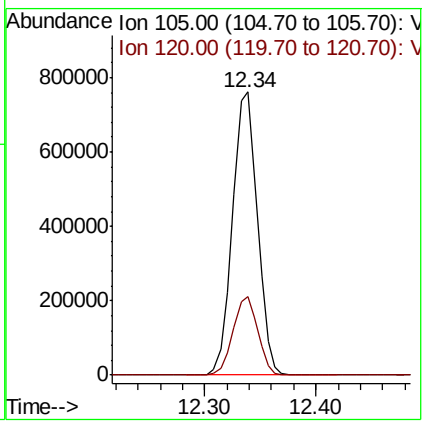


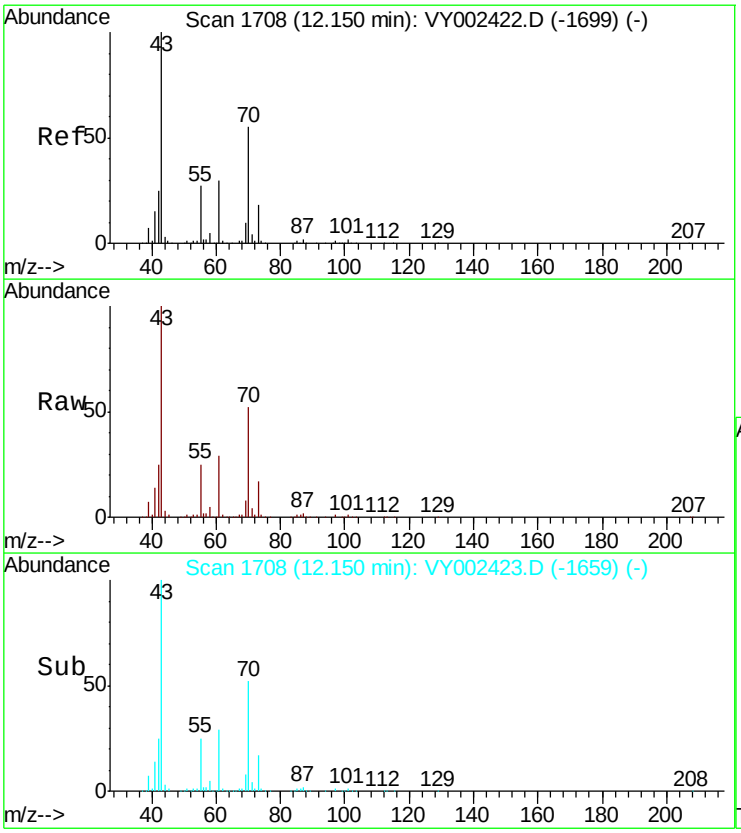
#73
Isopropylbenzene
Concen: 86.428 ug/l
RT: 12.34 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VY002423.D
Acq: 20 Apr 2020 14:38

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion:105 Resp: 1178505

Ion	Ratio	Lower	Upper
105	100		
120	27.6	13.9	41.7

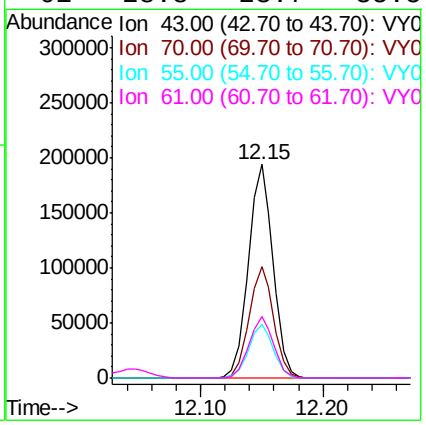


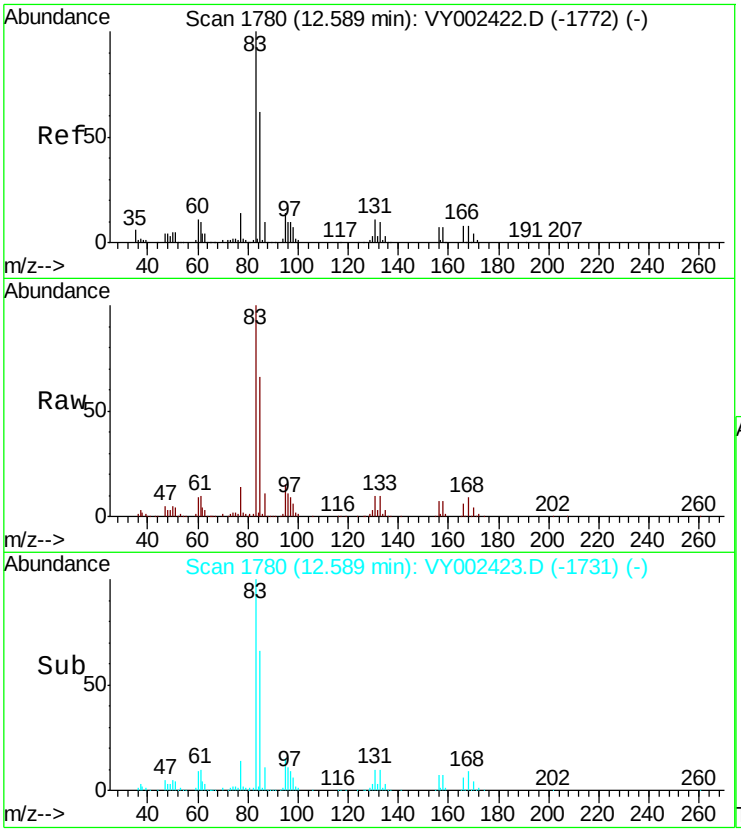


#74
N-amyl acetate
Concen: 72.155 ug/l
RT: 12.15 min Scan# 1708
Delta R.T. -0.00 min
Lab File: VY002423.D
Acq: 20 Apr 2020 14:38

Tgt Ion: 43 Resp: 271717

Ion	Ratio	Lower	Upper
43	100		
70	51.9	42.6	63.8
55	25.3	21.0	31.4
61	28.8	23.7	35.5



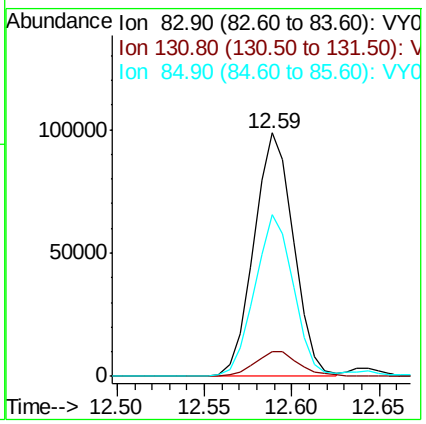


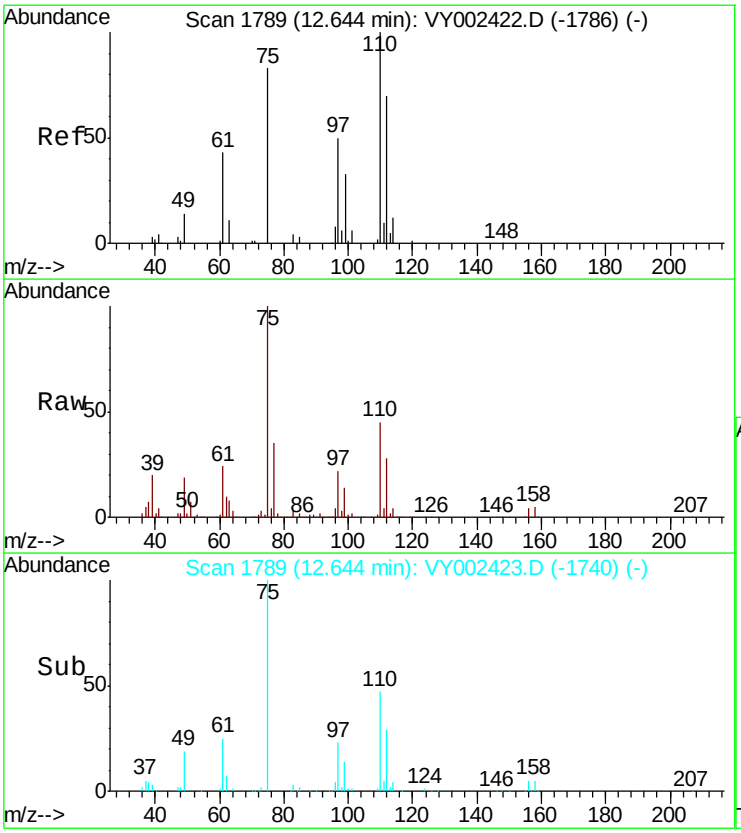
#75
1,1,2,2-Tetrachloroethane
Concen: 93.807 ug/l
RT: 12.59 min Scan# 1780
Delta R.T. -0.00 min
Lab File: VY002423.D
Acq: 20 Apr 2020 14:38

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 83 Resp: 155028

Ion	Ratio	Lower	Upper
83	100		
131	11.5	5.9	17.6
85	65.0	32.6	98.0

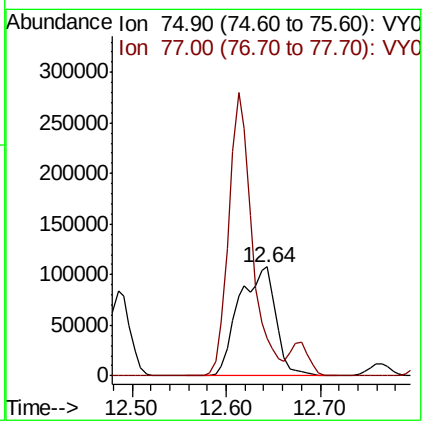


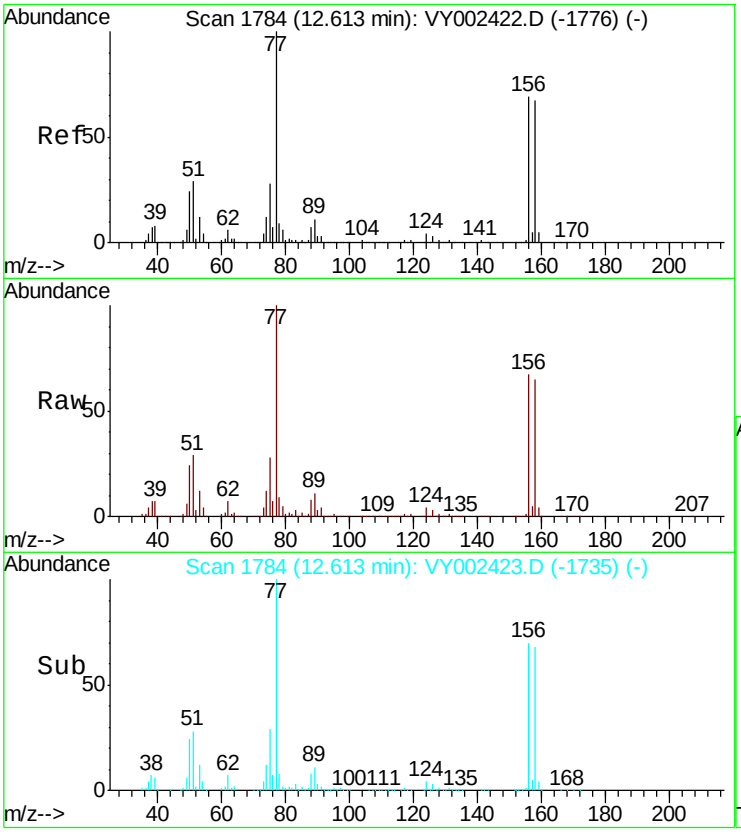


#76
1,2,3-Trichloropropane
Concen: 149.956 ug/l
RT: 12.64 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VY002423.D
Acq: 20 Apr 2020 14:38

Tgt Ion: 75 Resp: 297413

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



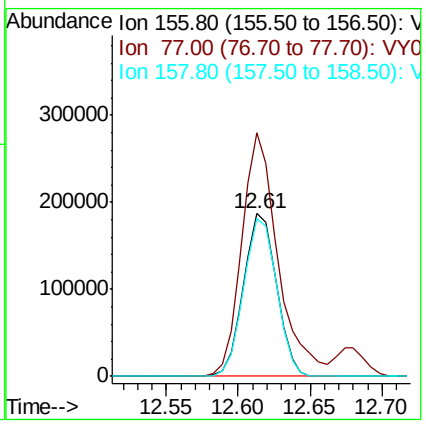


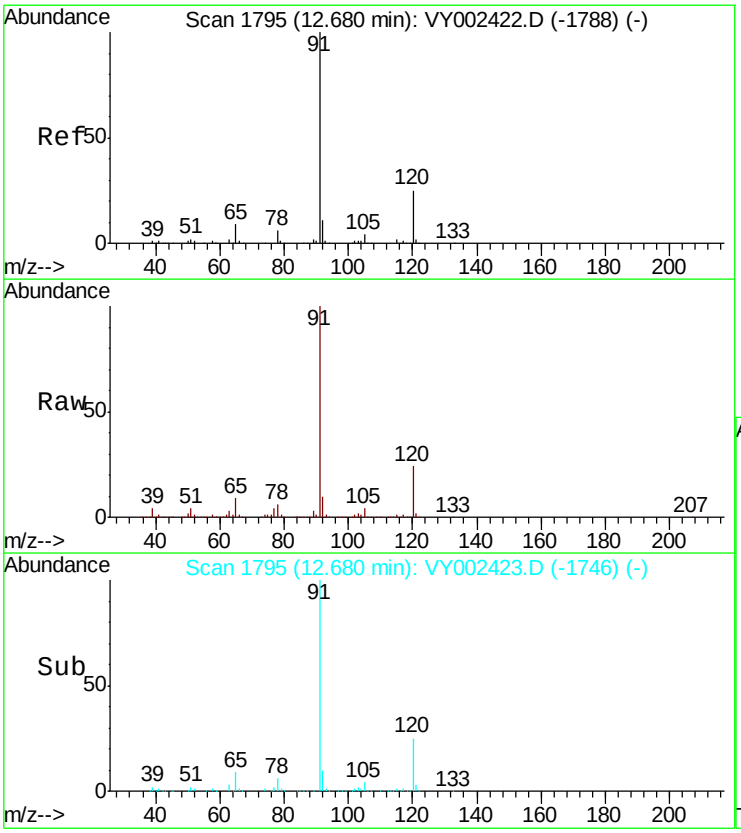
#77
Bromobenzene
Concen: 96.699 ug/l
RT: 12.61 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VY002423.D
Acq: 20 Apr 2020 14:38

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:156 Resp: 296277

Ion	Ratio	Lower	Upper
156	100		
77	164.9	80.2	240.6
158	97.4	48.4	145.0

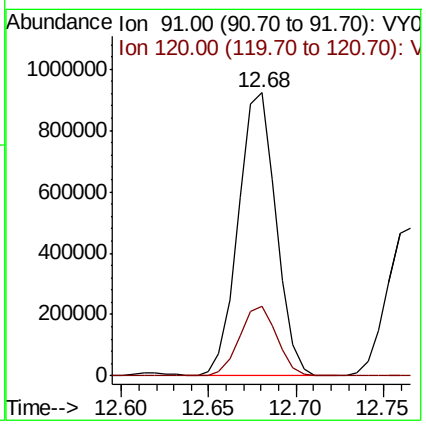


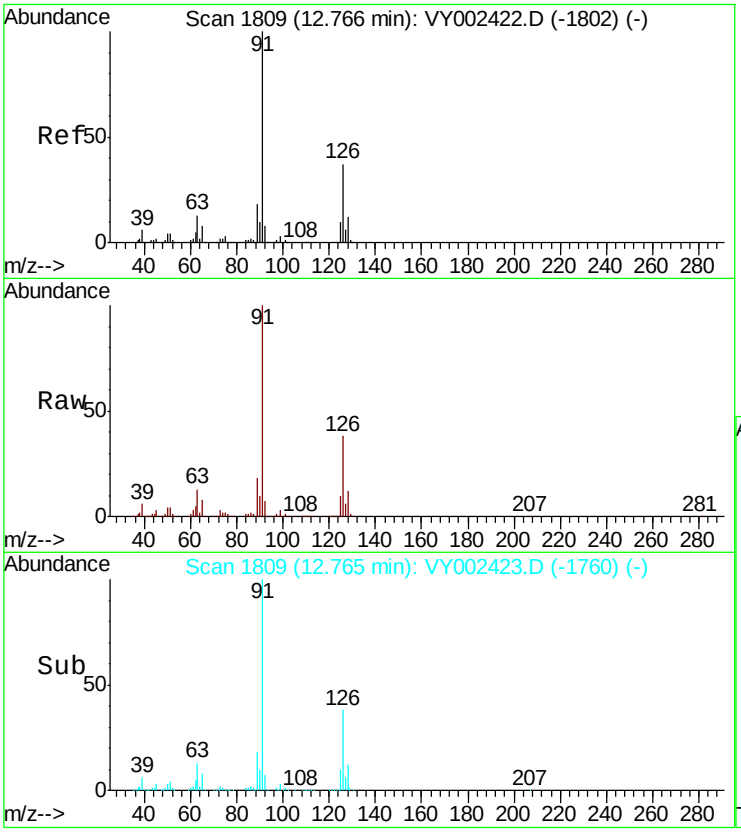


#78
n-propylbenzene
Concen: 82.467 ug/l
RT: 12.68 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VY002423.D
Acq: 20 Apr 2020 14:38

Tgt Ion: 91 Resp: 1389972

Ion	Ratio	Lower	Upper
91	100		
120	24.3	12.3	36.9



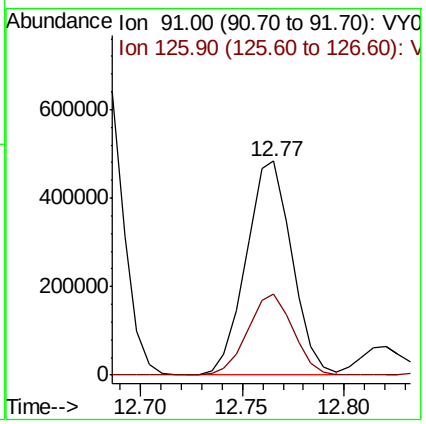


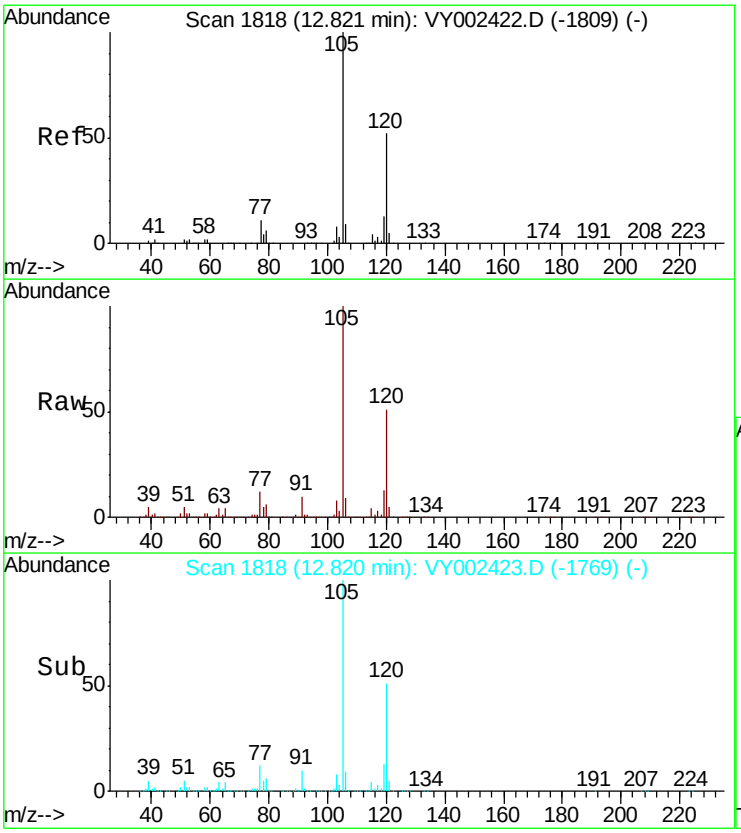
#79
2-Chlorotoluene
Concen: 82.704 ug/l
RT: 12.77 min Scan# 1809
Delta R.T. -0.00 min
Lab File: VY002423.D
Acq: 20 Apr 2020 14:38

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 91 Resp: 757987

Ion	Ratio	Lower	Upper
91	100		
126	37.3	18.8	56.4

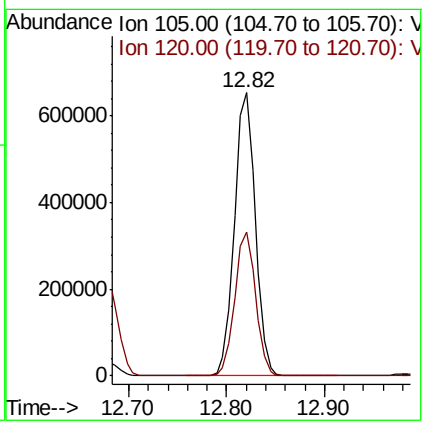


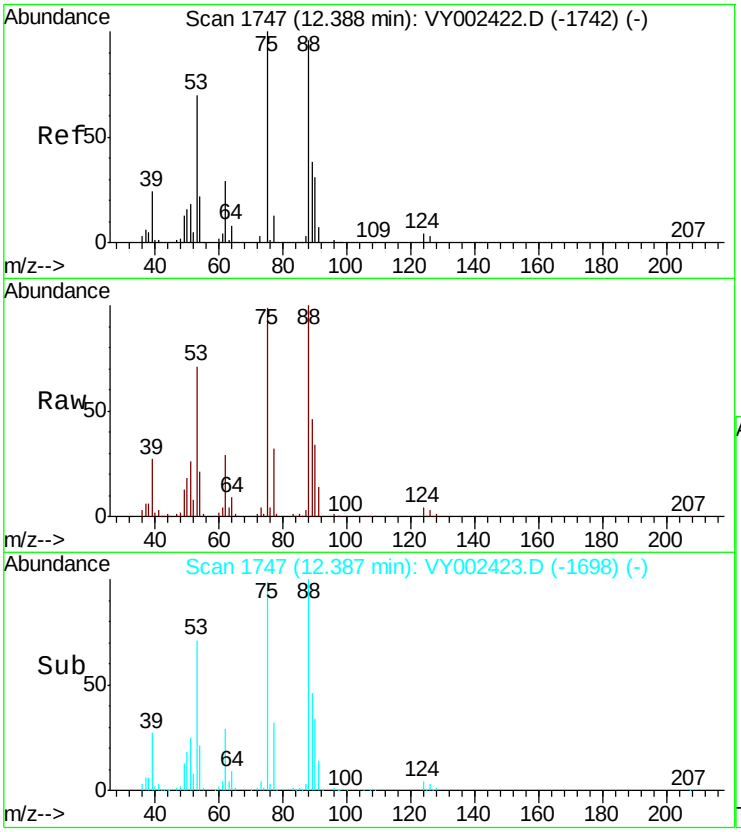


#80
1,3,5-Trimethylbenzene
Concen: 85.809 ug/l
RT: 12.82 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VY002423.D
Acq: 20 Apr 2020 14:38

Tgt Ion:105 Resp: 967028

Ion	Ratio	Lower	Upper
105	100		
120	50.7	25.9	77.6



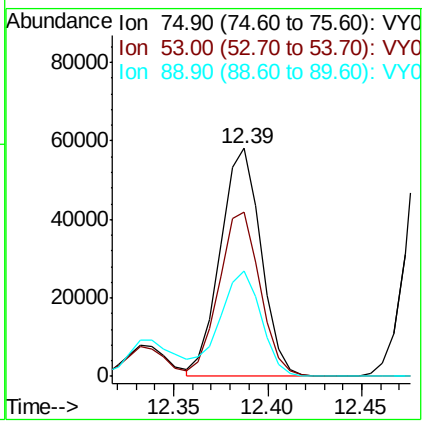


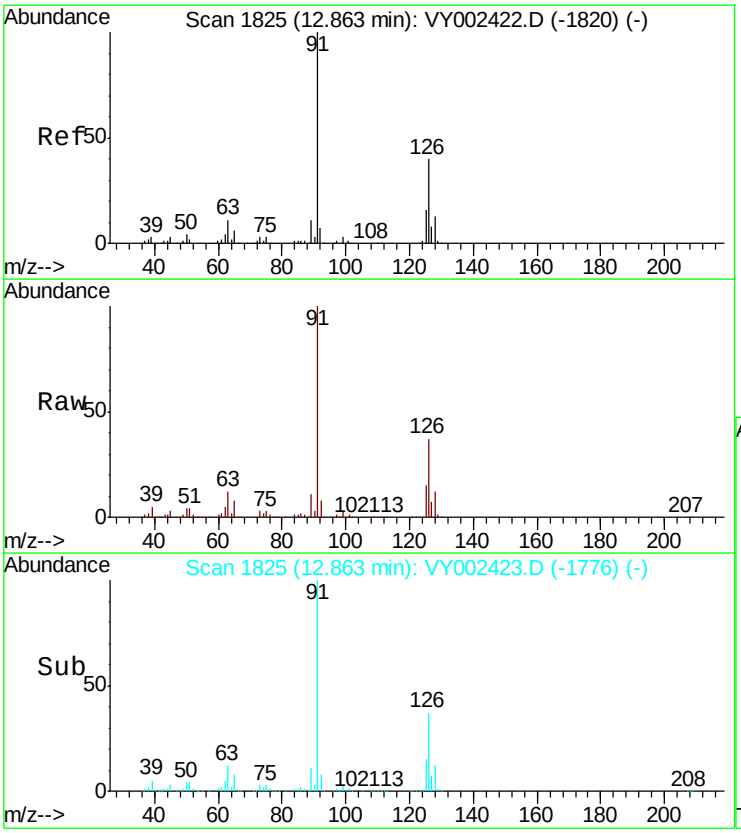
#81
trans-1,4-Dichloro-2-butene
Concen: 84.505 ug/l
RT: 12.39 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VY002423.D
Acq: 20 Apr 2020 14:38

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 86360

Ion	Ratio	Lower	Upper
75	100		
53	73.5	58.7	88.1
89	47.9	37.9	56.9

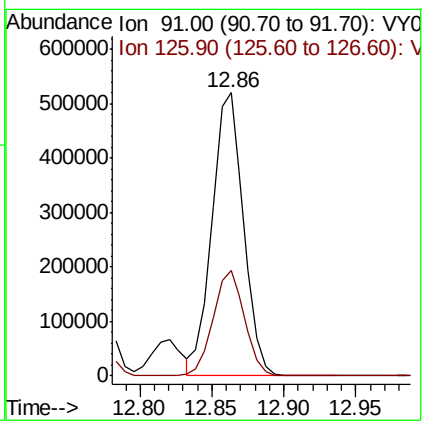


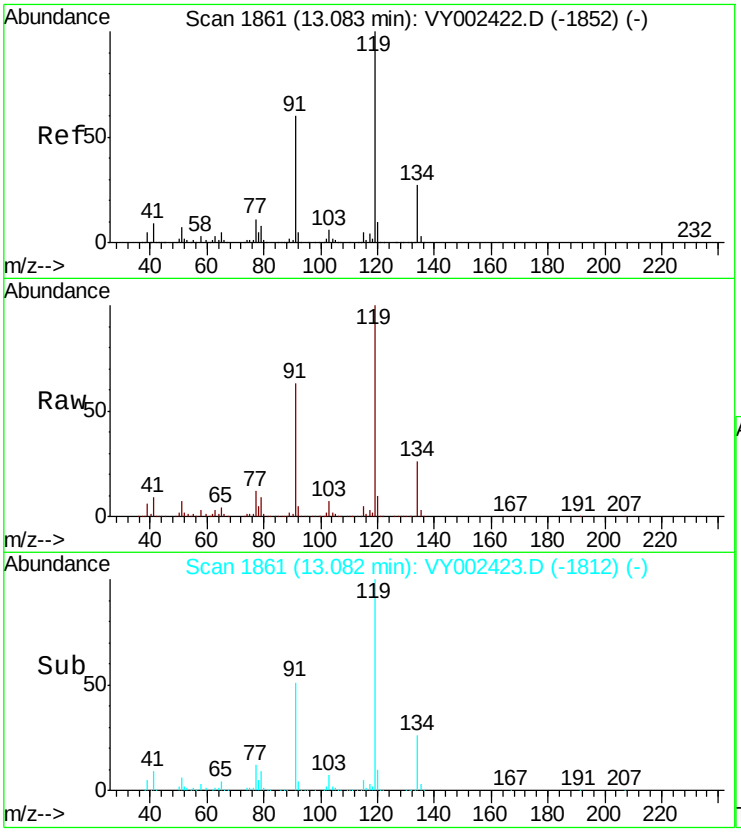


#82
4-Chlorotoluene
Concen: 82.450 ug/l
RT: 12.86 min Scan# 1825
Delta R.T. -0.00 min
Lab File: VY002423.D
Acq: 20 Apr 2020 14:38

Tgt Ion: 91 Resp: 792006

Ion	Ratio	Lower	Upper
91	100		
126	37.2	0.0	0.0#



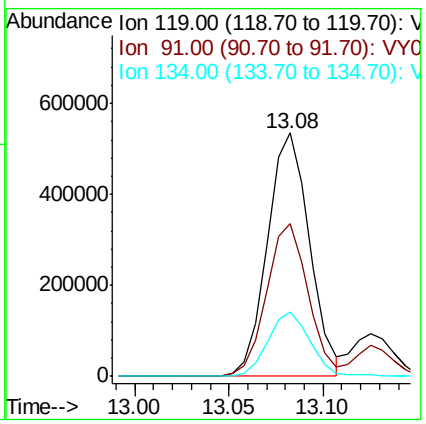


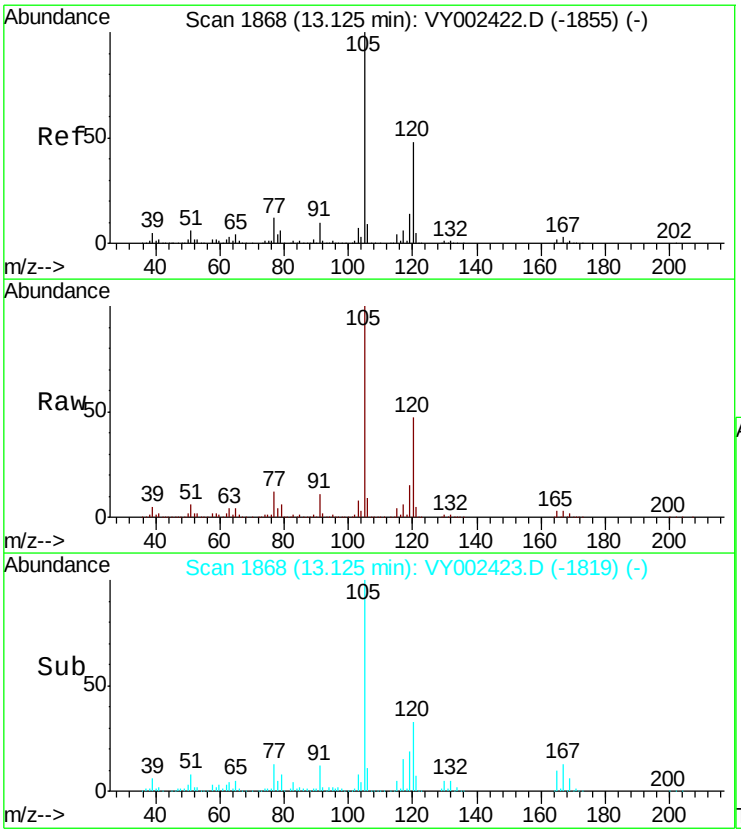
#83
tert-Butylbenzene
Concen: 87.437 ug/l
RT: 13.08 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VY002423.D
Acq: 20 Apr 2020 14:38

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:119 Resp: 828544

Ion	Ratio	Lower	Upper
119	100		
91	61.4	30.2	90.6
134	26.5	13.3	39.9

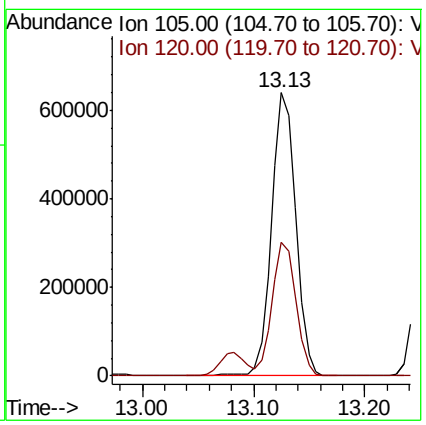


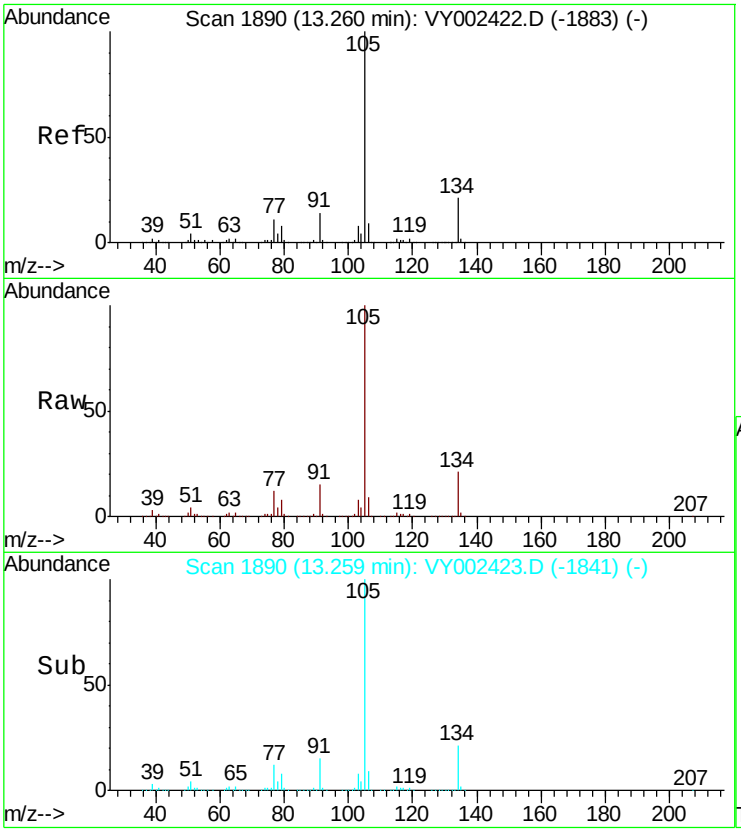


#84
1,2,4-Trimethylbenzene
Concen: 85.875 ug/l
RT: 13.13 min Scan# 1868
Delta R.T. -0.00 min
Lab File: VY002423.D
Acq: 20 Apr 2020 14:38

Tgt Ion:105 Resp: 967031

Ion	Ratio	Lower	Upper
105	100		
120	46.8	23.9	71.7



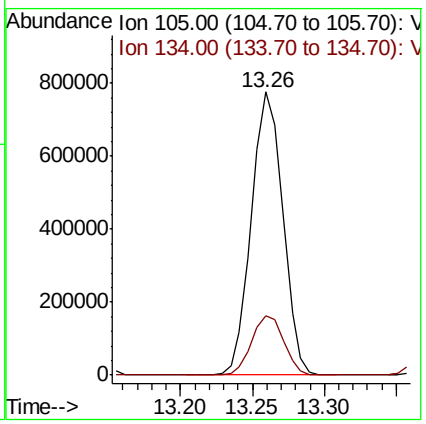


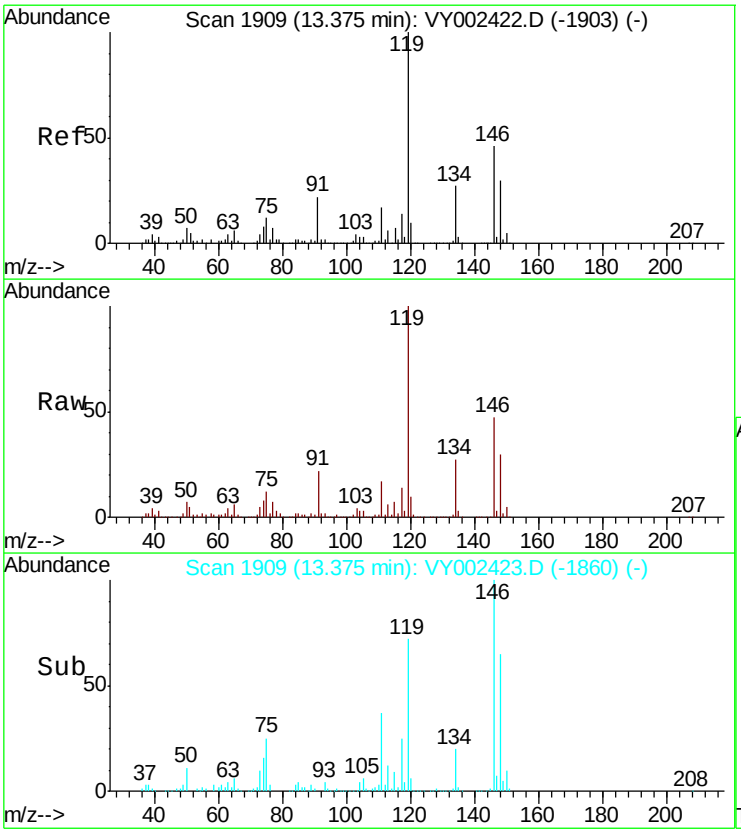
#85
sec-Butylbenzene
Concen: 83.217 ug/l
RT: 13.26 min Scan# 1890
Delta R.T. -0.00 min
Lab File: VY002423.D
Acq: 20 Apr 2020 14:38

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:105 Resp: 1171775

Ion	Ratio	Lower	Upper
105	100		
134	21.6	10.5	31.6

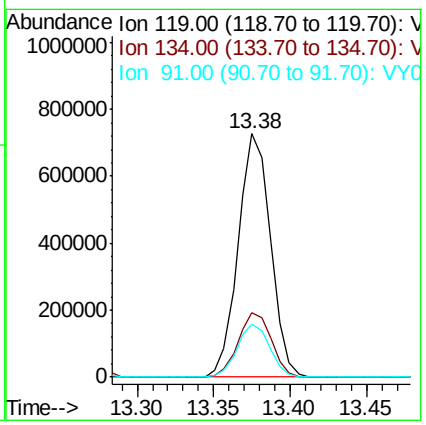


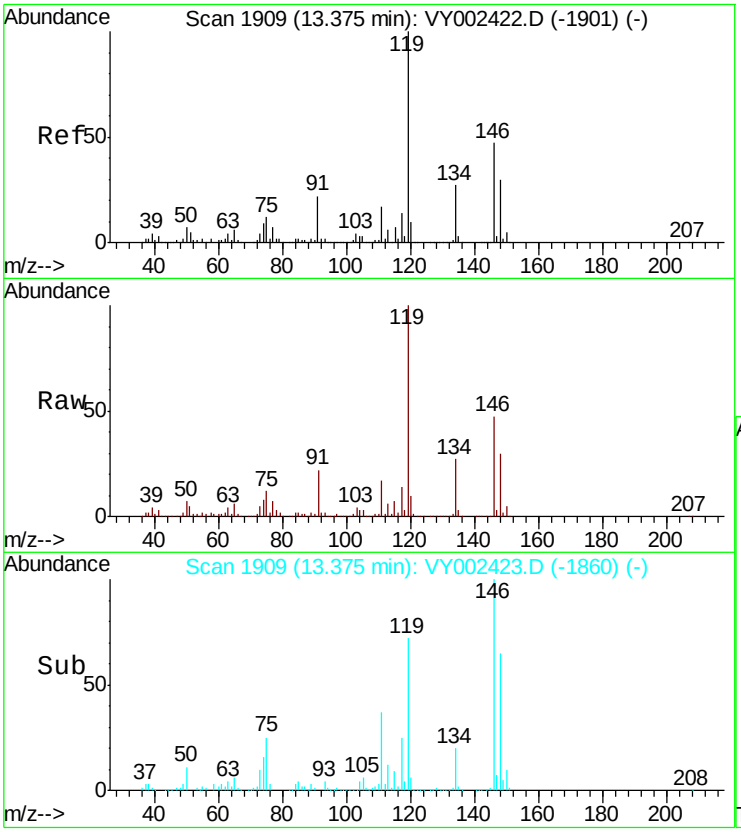


#86
p-Isopropyltoluene
Concen: 87.419 ug/l
RT: 13.38 min Scan# 1909
Delta R.T. -0.00 min
Lab File: VY002423.D
Acq: 20 Apr 2020 14:38

Tgt Ion:119 Resp: 1065459

Ion	Ratio	Lower	Upper
119	100		
134	27.1	13.7	41.1
91	21.7	10.7	32.1



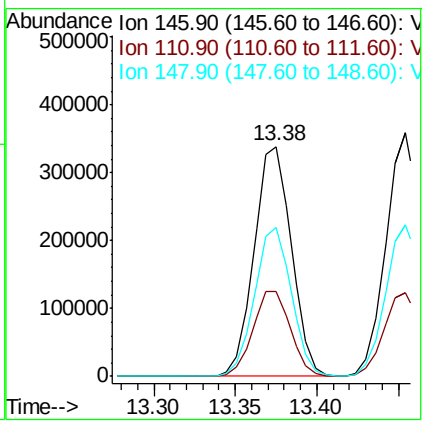


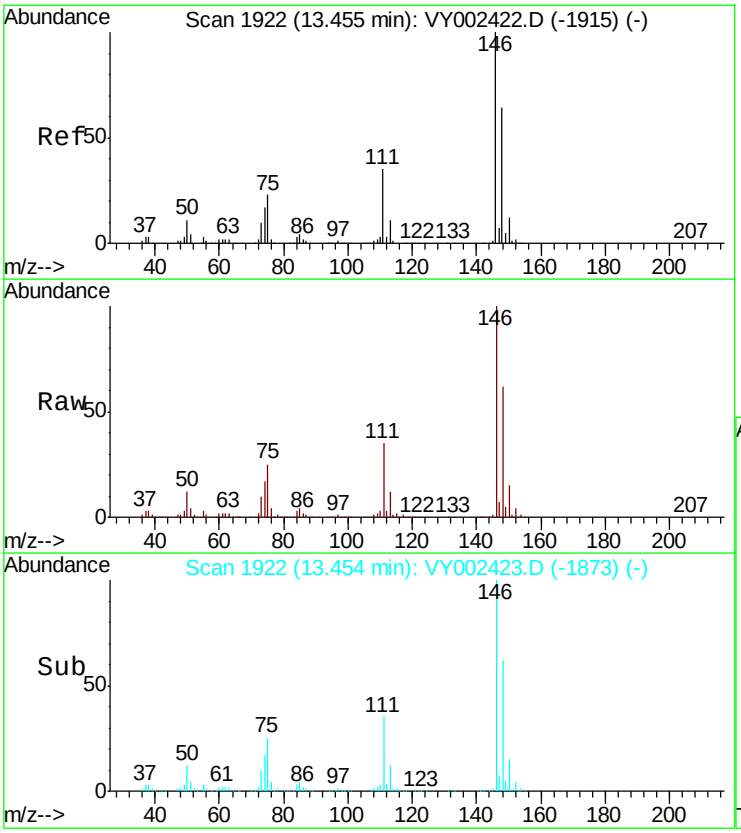
#87
1,3-Dichlorobenzene
Concen: 91.082 ug/l
RT: 13.38 min Scan# 1909
Delta R.T. -0.00 min
Lab File: VY002423.D
Acq: 20 Apr 2020 14:38

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:146 Resp: 537940

Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.6	55.8
148	63.9	31.8	95.3

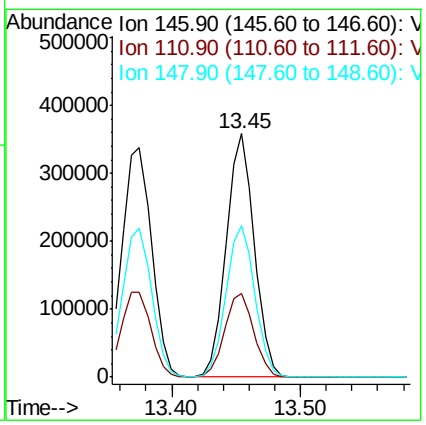


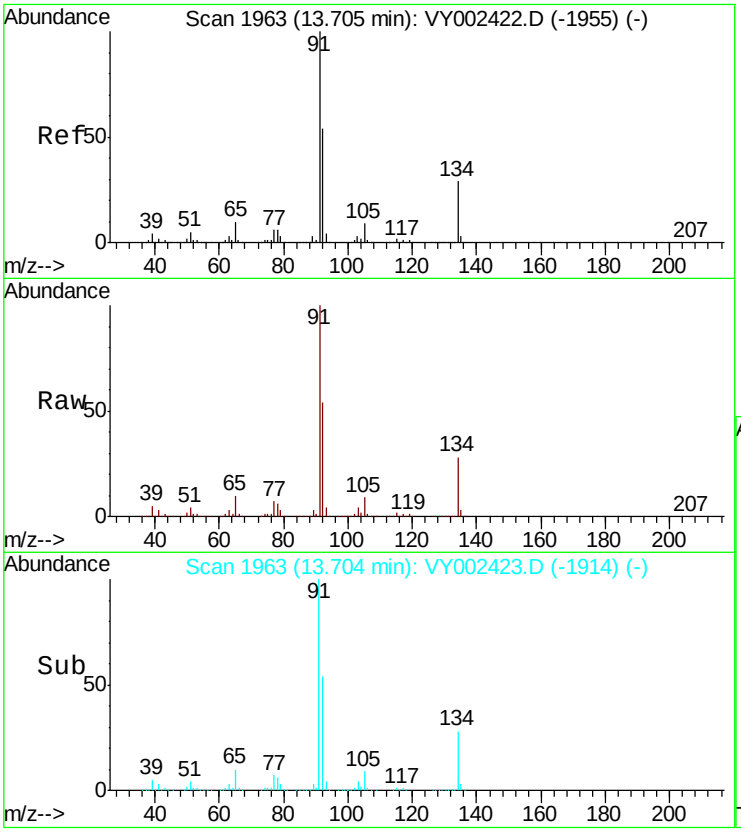


#88
1,4-Dichlorobenzene
Concen: 91.451 ug/l
RT: 13.45 min Scan# 1922
Delta R.T. -0.00 min
Lab File: VY002423.D
Acq: 20 Apr 2020 14:38

Tgt Ion:146 Resp: 548955

Ion	Ratio	Lower	Upper
146	100		
111	35.6	17.9	53.8
148	63.4	32.1	96.3



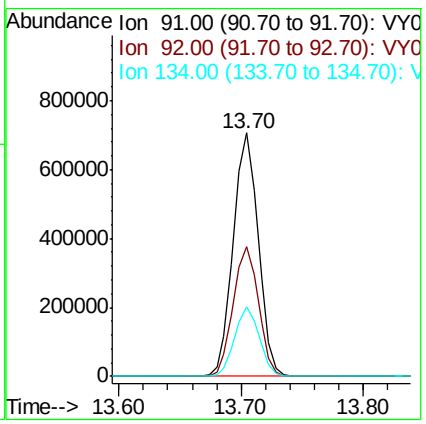


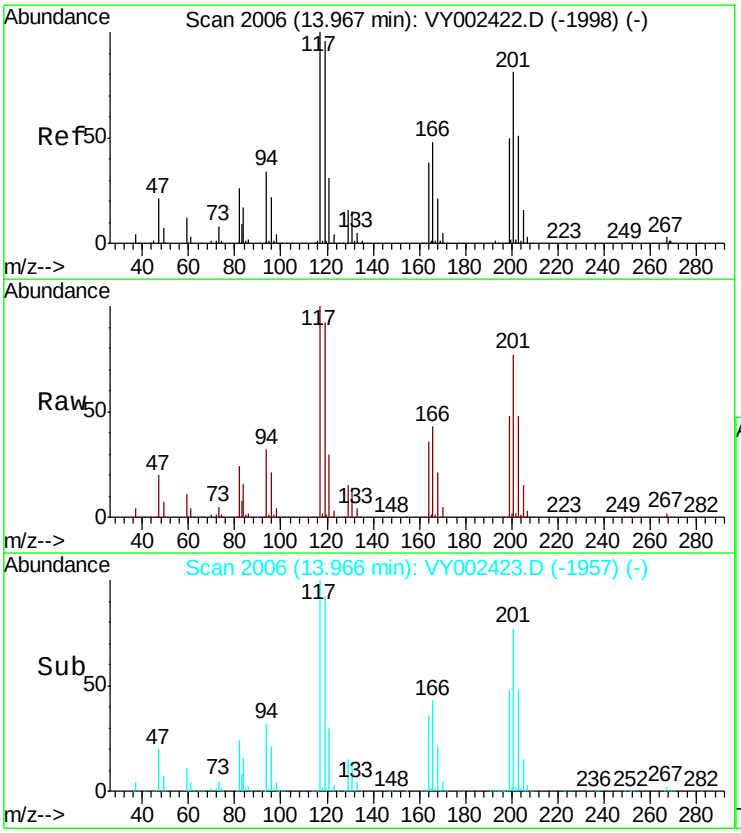
#89
n-Butylbenzene
Concen: 80.598 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VY002423.D
Acq: 20 Apr 2020 14:38

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 91 Resp: 995259

Ion	Ratio	Lower	Upper
91	100		
92	53.8	26.8	80.4
134	28.2	14.4	43.2

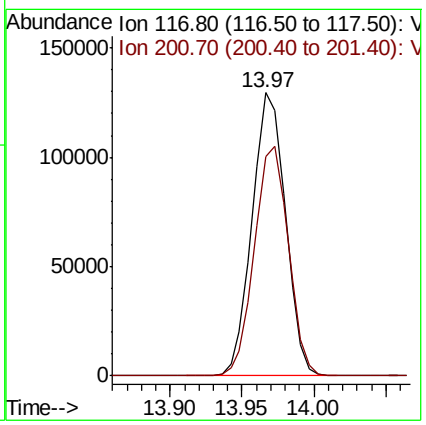


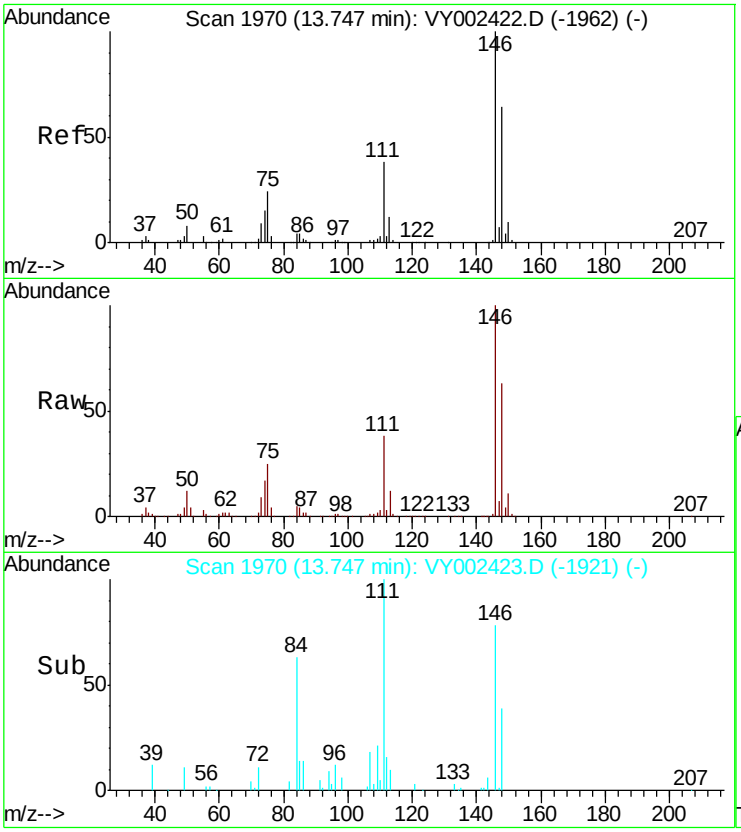


#90
Hexachloroethane
Concen: 89.738 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. -0.00 min
Lab File: VY002423.D
Acq: 20 Apr 2020 14:38

Tgt Ion:117 Resp: 208011

Ion	Ratio	Lower	Upper
117	100		
201	82.5	42.5	127.5



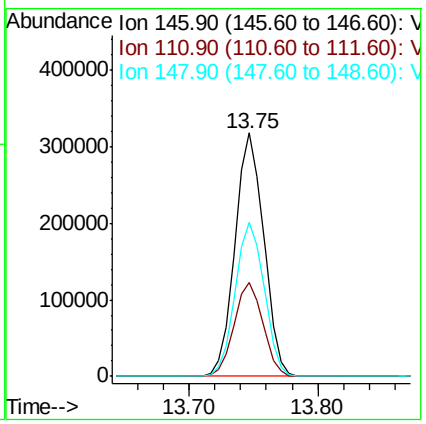


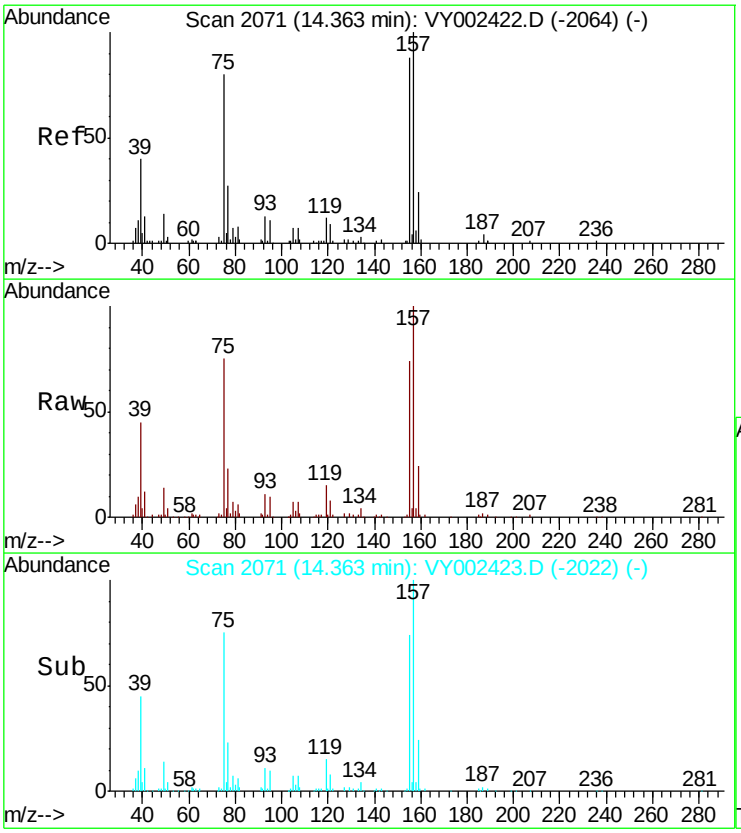
#91
1,2-Dichlorobenzene
Concen: 91.593 ug/l
RT: 13.75 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VY002423.D
Acq: 20 Apr 2020 14:38

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:146 Resp: 491676

Ion	Ratio	Lower	Upper
146	100		
111	38.5	18.9	56.5
148	63.9	31.9	95.5

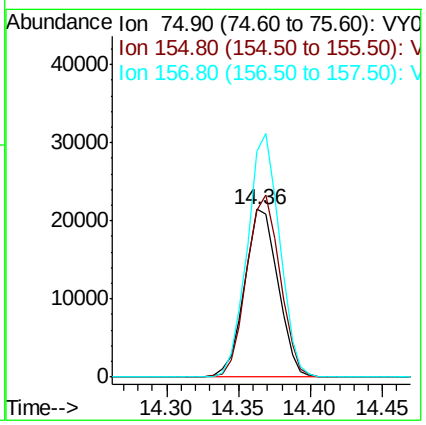


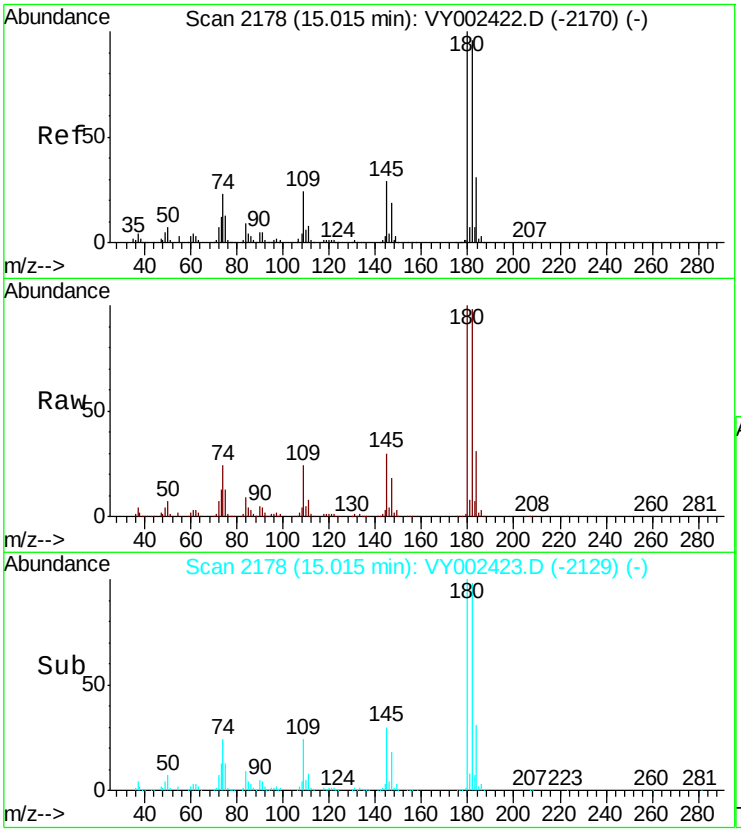


#92
1,2-Dibromo-3-Chloropropane
Concen: 87.049 ug/l
RT: 14.36 min Scan# 2071
Delta R.T. -0.00 min
Lab File: VY002423.D
Acq: 20 Apr 2020 14:38

Tgt Ion: 75 Resp: 34522

Ion	Ratio	Lower	Upper
75	100		
155	108.0	56.1	168.3
157	139.5	71.5	214.5



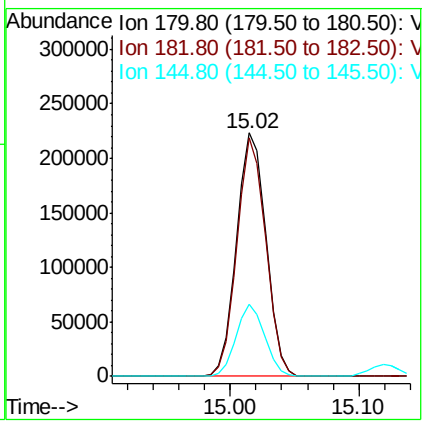


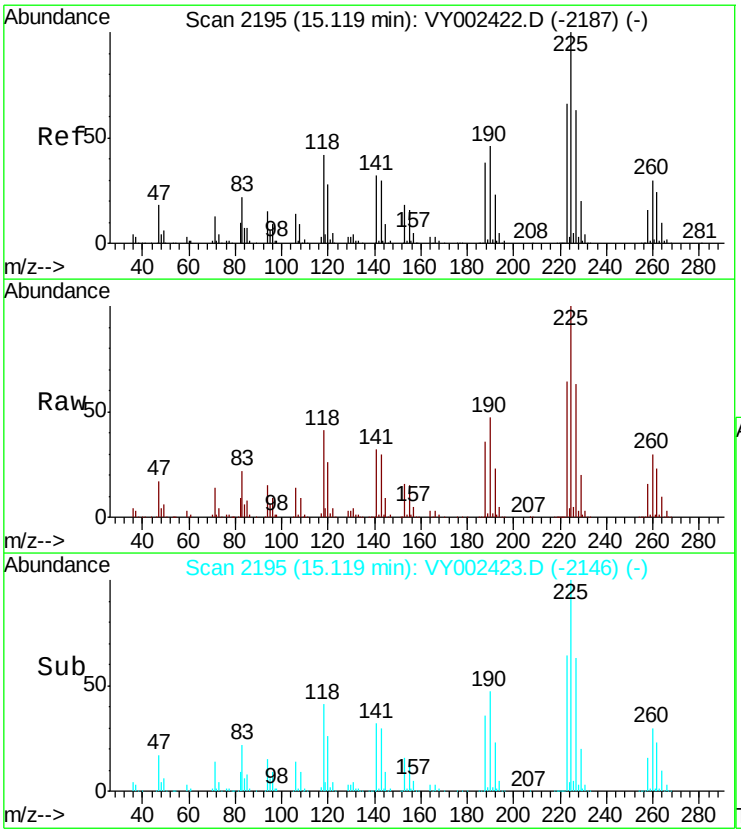
#93
1,2,4-Trichlorobenzene
Concen: 98.979 ug/l
RT: 15.02 min Scan# 2178
Delta R.T. -0.00 min
Lab File: VY002423.D
Acq: 20 Apr 2020 14:38

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:180 Resp: 353522

Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.8	143.3
145	28.6	14.5	43.6

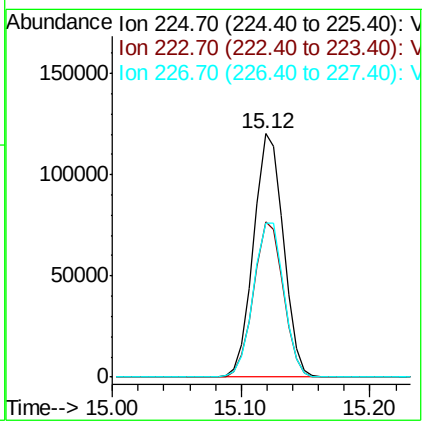


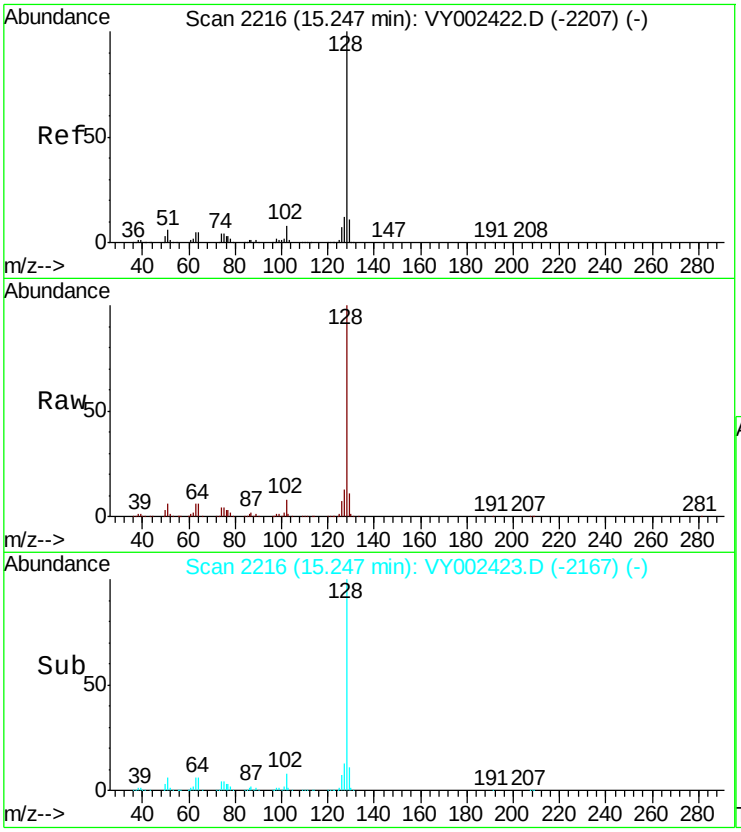


#94
Hexachlorobutadiene
Concen: 105.457 ug/l
RT: 15.12 min Scan# 2195
Delta R.T. -0.00 min
Lab File: VY002423.D
Acq: 20 Apr 2020 14:38

Tgt Ion:225 Resp: 191963

Ion	Ratio	Lower	Upper
225	100		
223	63.3	32.0	96.0
227	64.3	31.6	95.0



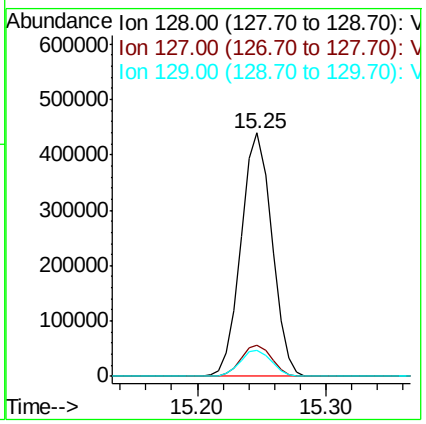


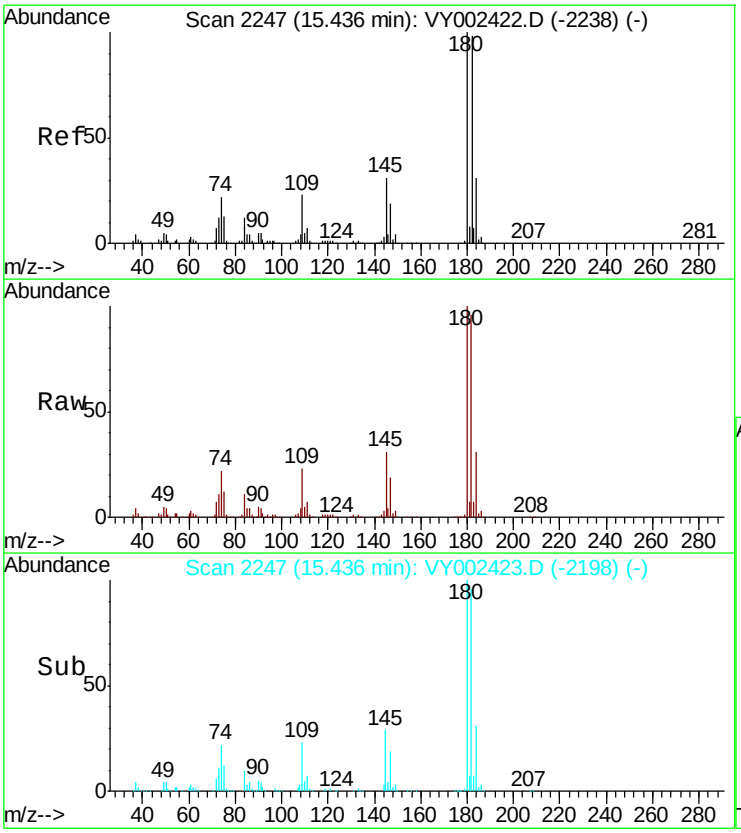
#95
Naphthalene
Concen: 95.109 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. -0.00 min
Lab File: VY002423.D
Acq: 20 Apr 2020 14:38

Instrument : MSVOA_Y
ClientSampleId :

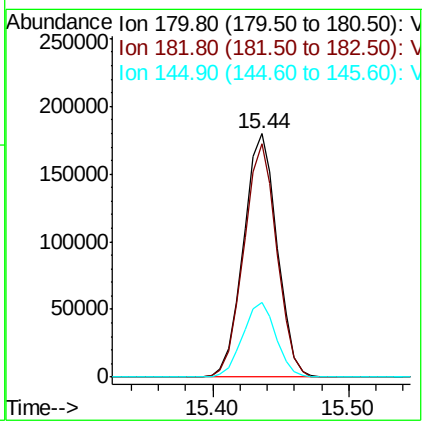
Tgt Ion:128 Resp: 727090

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.2
129	10.9	9.0	13.6





#96
1,2,3-Trichlorobenzene
Concen: 100.203 ug/l
RT: 15.44 min Scan# 2247
Delta R.T. -0.00 min
Lab File: VY002423.D
Acq: 20 Apr 2020 14:38

Tgt Ion:180 Resp: 310629

Ion	Ratio	Lower	Upper
180	100		
182	94.3	47.2	141.6
145	30.4	14.8	44.4