Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY022620\
Data File : VY001790.D
Acq On : 26 Feb 2020 18:20
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
MMDadoda
2/27/2020 10:45:37 AM

Quant Time: Feb 27 02:43:09 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 17 12:19:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	170703	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	314153	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	287895	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	135209	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	92512	50.38	ug/l	0.00
Spiked Amount 50.000			Recovery =	100.76%		
35) Dibromofluoromethane	7.74	113	86292	47.96	ug/l	0.00
Spiked Amount 50.000			Recovery =	95.92%		
50) Toluene-d8	10.19	98	352065	49.94	ug/l	0.00
Spiked Amount 50.000			Recovery =	99.88%		
62) 4-Bromofluorobenzene	12.49	95	128985	47.10	ug/l	0.00
Spiked Amount 50.000			Recovery =	94.20%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	83037	49.903	ug/l	99
3) Chloromethane	2.13	50	105507	47.141	ug/l	98
4) Vinyl Chloride	2.26	62	106839	47.328	ug/l	98
5) Bromomethane	2.66	94	70402	49.900	ug/l	100
6) Chloroethane	2.81	64	68041	48.913	ug/l	100
7) Trichlorofluoromethane	3.15	101	144402	49.980	ug/l	100
8) Diethyl Ether	3.55	74	59488	52.230	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.93	101	92494	50.934	ug/l	99
10) Methyl Iodide	4.12	142	105133	47.304	ug/l	99
11) Tert butyl alcohol	4.99	59	55380	261.514	ug/l	100
12) 1,1-Dichloroethene	3.90	96	91735	49.529	ug/l	99
13) Acrolein	3.76	56	49823	268.670	ug/l	98
14) Allyl chloride	4.51	41	170780	51.809	ug/l	99
15) Acrylonitrile	5.21	53	164239	281.324	ug/l	99
16) Acetone	3.97	43	135276	212.922	ug/l	99
17) Carbon Disulfide	4.22	76	288194	46.607	ug/l	98
18) Methyl Acetate	4.50	43	75883	54.845	ug/l	100
19) Methyl tert-butyl Ether	5.25	73	270901	52.533	ug/l	97
20) Methylene Chloride	4.75	84	111108	49.235	ug/l	99
21) trans-1,2-Dichloroethene	5.26	96	104952	49.665	ug/l	98
22) Diisopropyl ether	6.15	45	360870	53.309	ug/l	98
23) Vinyl Acetate	6.10	43	1193042	270.188	ug/l	99
24) 1,1-Dichloroethane	6.05	63	186589	51.572	ug/l	99
25) 2-Butanone	7.02	43	216164	250.459	ug/l	99
26) 2,2-Dichloropropane	7.01	77	148903	47.304	ug/l	99
27) cis-1,2-Dichloroethene	7.02	96	120226	51.543	ug/l	99
28) Bromochloromethane	7.36	49	88623	58.801	ug/l	96
29) Tetrahydrofuran	7.38	42	143514	275.111	ug/l	98
30) Chloroform	7.53	83	179046	50.646	ug/l	99
31) Cyclohexane	7.81	56	183838	47.656	ug/l	98
32) 1,1,1-Trichloroethane	7.73	97	150270	50.575	ug/l	99
36) 1,1-Dichloropropene	7.94	75	146509	48.824	ug/l	99
37) Ethyl Acetate	7.11	43	94116	52.549	ug/l	99
38) Carbon Tetrachloride	7.93	117	127164	48.246	ug/l	97

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ALS Vial : 19   Sample Multiplier: 1

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 17 12:19:53 2020
Response via : Initial Calibration

Instrument : MSVOA_Y
ClientSampleId : VSTDCCC050EC

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
39) Methylcyclohexane	9.20	83	189976	47.720 ug/l	98
40) Benzene	8.19	78	444963	50.418 ug/l	99
41) Methacrylonitrile	7.35	41	43088m	47.914 ug/l	
42) 1,2-Dichloroethane	8.26	62	120453	50.099 ug/l	99
43) Isopropyl Acetate	8.30	43	178745	52.600 ug/l	100
44) Trichloroethene	8.96	130	107732	48.900 ug/l	98
45) 1,2-Dichloropropane	9.24	63	115801	52.393 ug/l	100
46) Dibromomethane	9.33	93	59696	51.638 ug/l	99
47) Bromodichloromethane	9.52	83	142115	50.936 ug/l	100
48) Methyl methacrylate	9.31	41	80024	52.069 ug/l	98
49) 1,4-Dioxane	9.32	88	17019	1042.329 ug/l	98
51) 4-Methyl-2-Pentanone	10.08	43	466524	267.202 ug/l	99
52) Toluene	10.26	92	271098	49.245 ug/l	98
53) t-1,3-Dichloropropene	10.48	75	156540	50.752 ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	180081	50.727 ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	88749	52.064 ug/l	98
56) Ethyl methacrylate	10.52	69	133601	52.244 ug/l	98
57) 1,3-Dichloropropane	10.80	76	156408	51.640 ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	243830	253.828 ug/l	99
59) 2-Hexanone	10.85	43	331234	252.846 ug/l	99
60) Dibromochloromethane	11.00	129	94081	50.060 ug/l	98
61) 1,2-Dibromoethane	11.10	107	84109	52.184 ug/l	99
64) Tetrachloroethene	10.73	164	85290	47.192 ug/l	99
65) Chlorobenzene	11.53	112	282745	49.192 ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	95892	49.457 ug/l	99
67) Ethyl Benzene	11.60	91	524191	49.144 ug/l	100
68) m/p-Xylenes	11.71	106	392916	98.613 ug/l	99
69) o-Xylene	12.04	106	186723	49.294 ug/l	97
70) Styrene	12.05	104	326075	49.531 ug/l	99
71) Bromoform	12.22	173	54074	48.801 ug/l #	99
73) Isopropylbenzene	12.34	105	500080	48.549 ug/l	99
74) N-amyl acetate	12.15	43	167352	50.908 ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.59	83	114678	52.141 ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	73301m	47.260 ug/l	
77) Bromobenzene	12.62	156	109808	49.176 ug/l	98
78) n-propylbenzene	12.68	91	616925	49.177 ug/l	99
79) 2-Chlorotoluene	12.77	91	344552	48.969 ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	413474	48.492 ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	41120	50.297 ug/l	99
82) 4-Chlorotoluene	12.86	91	362200	48.808 ug/l	99
83) tert-Butylbenzene	13.08	119	346687	48.615 ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	420319	49.446 ug/l	100
85) sec-Butylbenzene	13.26	105	514791	49.082 ug/l	100
86) p-Isopropyltoluene	13.38	119	444157	48.747 ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	213302	49.255 ug/l	98
88) 1,4-Dichlorobenzene	13.45	146	215483	49.225 ug/l	99
89) n-Butylbenzene	13.70	91	458173	49.212 ug/l	99
90) Hexachloroethane	13.97	117	84683	49.329 ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	195549	48.930 ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	18183	50.095 ug/l	98

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Quant Title : SW846 8260
QLast Update : Mon Feb 17 12:19:53 2020
Response via : Initial Calibration

Instrument : MSVOA_Y
ClientSampleId : VSTDCCC050EC

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	127773	48.245	ug/l	99
94) Hexachlorobutadiene	15.12	225	60711	46.094	ug/l	100
95) Naphthalene	15.25	128	310812	50.899	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	114073	48.959	ug/l	99

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

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Sample   : VSTDCCC050
Misc   : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 19   Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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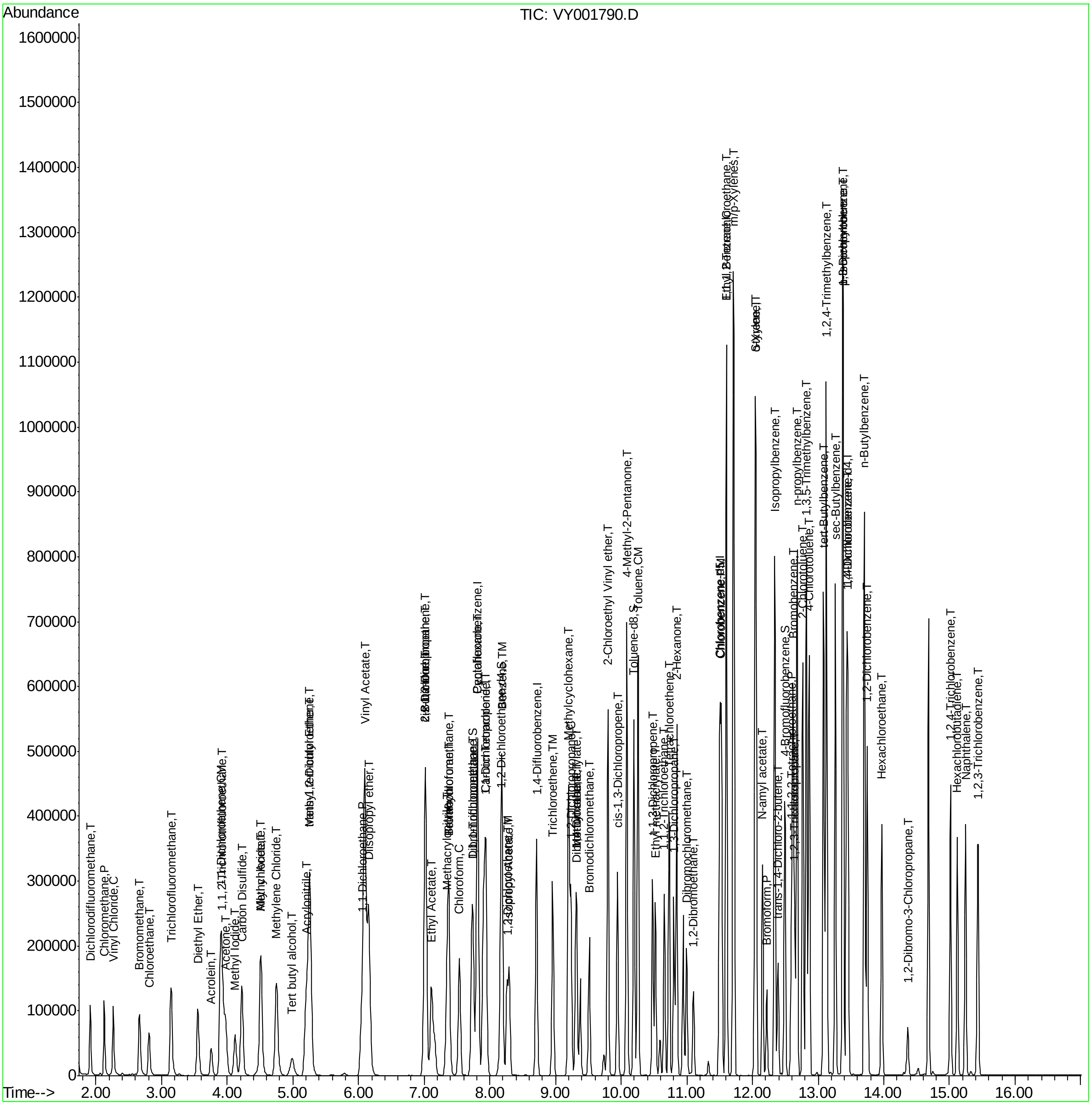

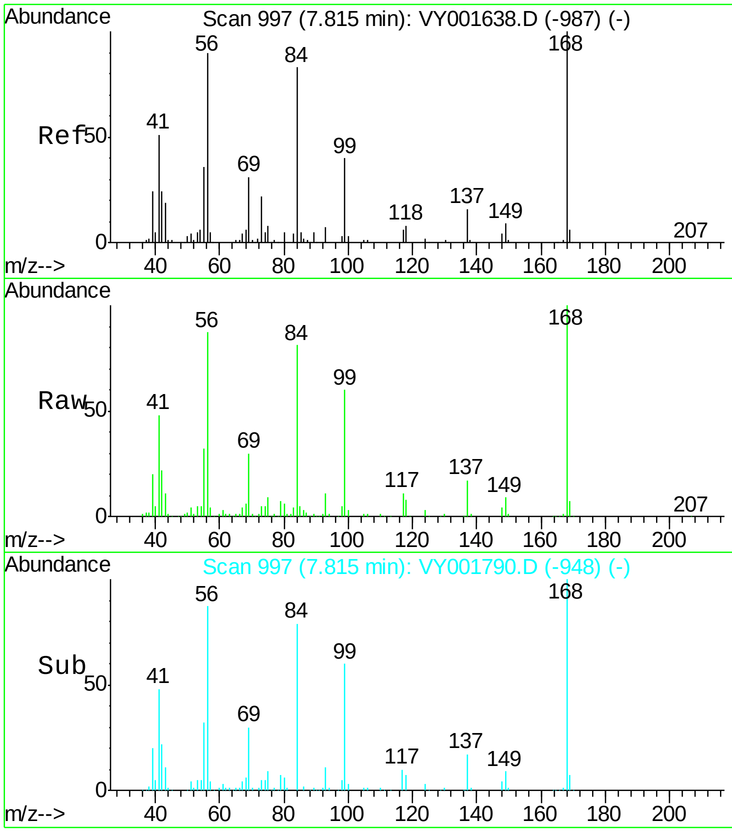

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.82 min Scan# 997
Delta R.T.   0.00 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 170703

Ion	Ratio	Lower	Upper
168	100		
99	59.6	47.5	71.3

Manual Integrations APPROVED
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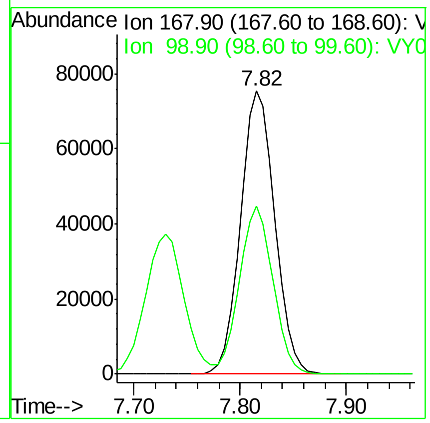
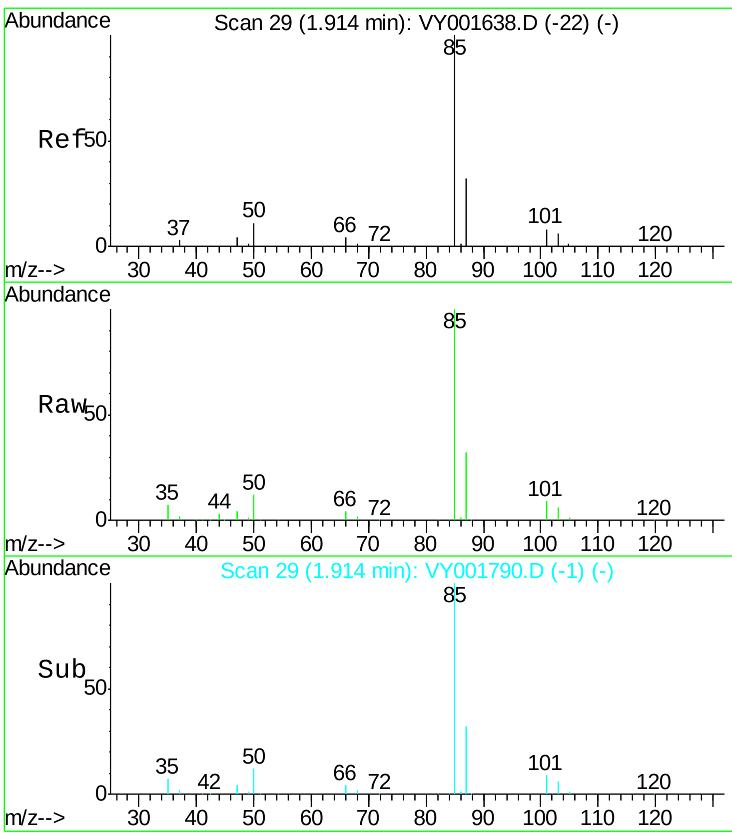
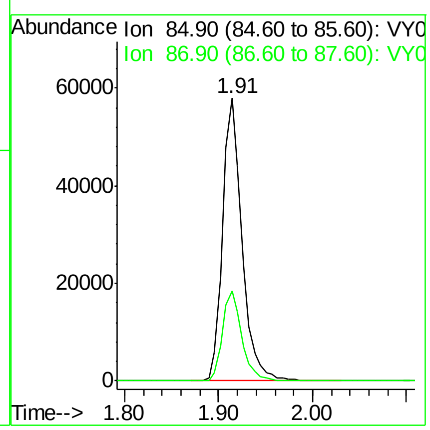


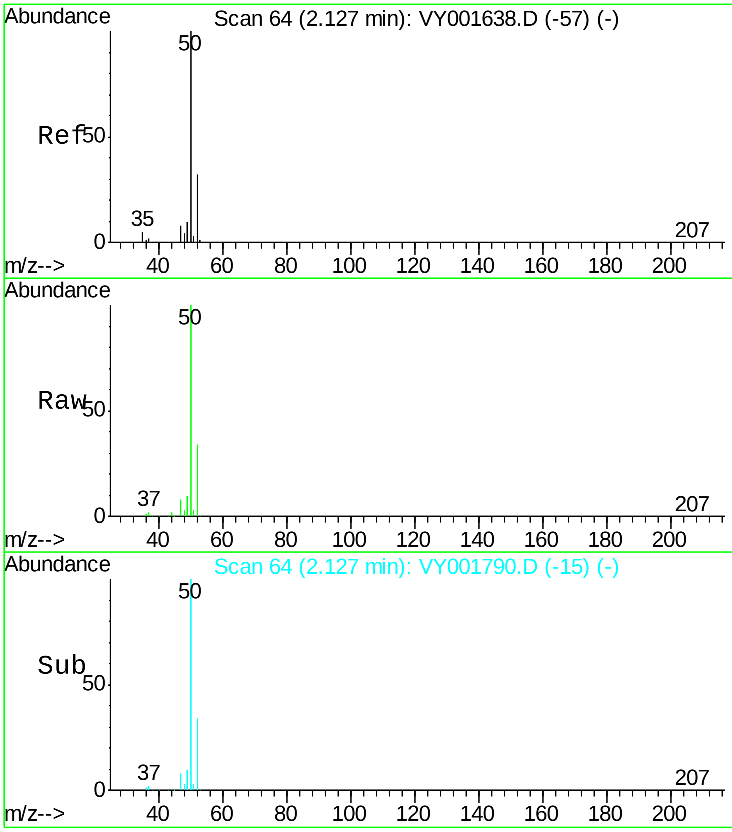


#2
Dichlorodifluoromethane
Concen: 49.903 ug/l
RT: 1.91 min Scan# 29
Delta R.T.   0.00 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

Tgt Ion: 85 Resp: 83037

Ion	Ratio	Lower	Upper
85	100		
87	31.7	16.2	48.6





#3
Chloromethane
Concen: 47.141 ug/l
RT: 2.13 min Scan# 64
Delta R.T. 0.00 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

Tgt Ion: 50 Resp: 105507

Ion	Ratio	Lower	Upper
50	100		
52	33.6	25.8	38.6

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
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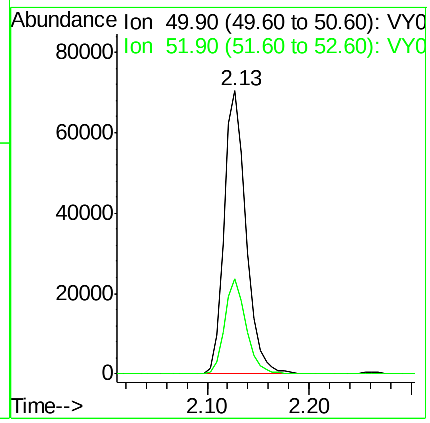
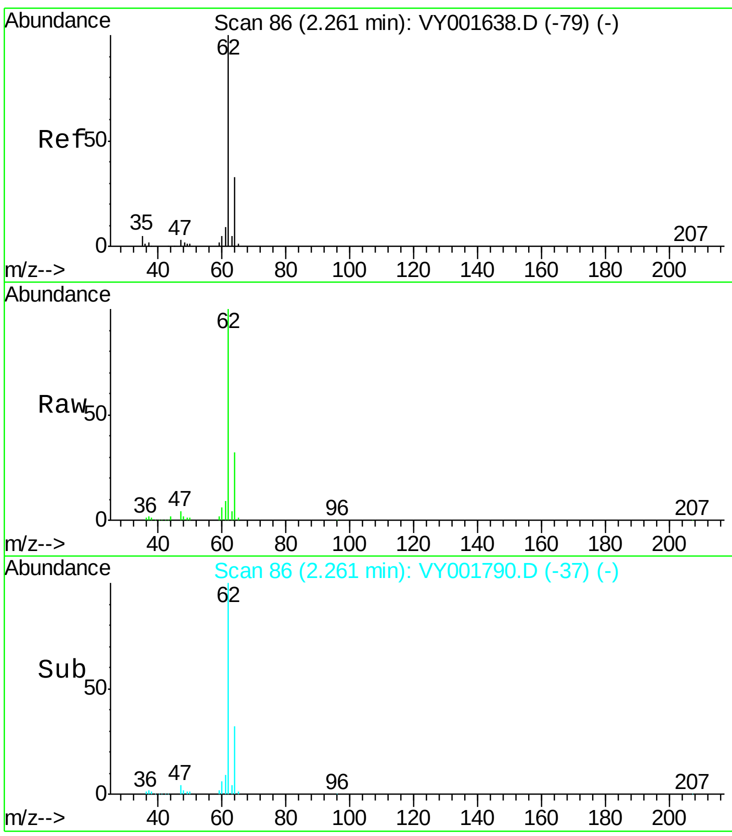
2/27/2020 10:45:37 AM

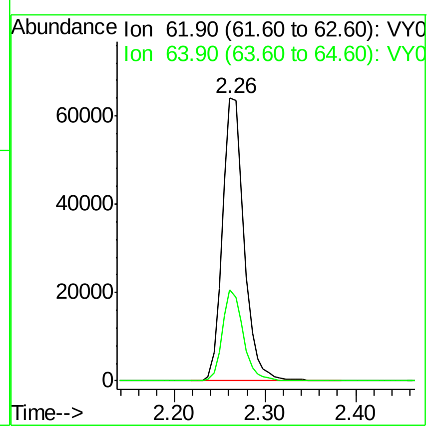


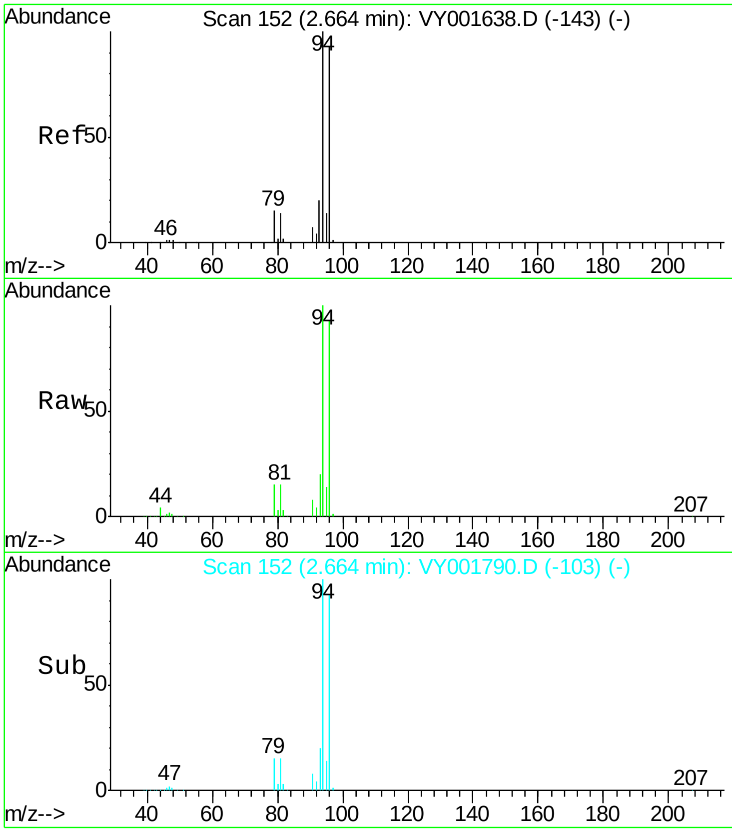


#4
Vinyl Chloride
Concen: 47.328 ug/l
RT: 2.26 min Scan# 86
Delta R.T. 0.00 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

Tgt Ion: 62 Resp: 106839

Ion	Ratio	Lower	Upper
62	100		
64	32.2	24.9	37.3





#5
Bromomethane
Concen: 49.900 ug/l
RT: 2.66 min Scan# 152
Delta R.T. 0.00 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

Instrument : MSVOA_Y
ClientSampleId : VSTDCCC050EC

Manual Integrations APPROVED
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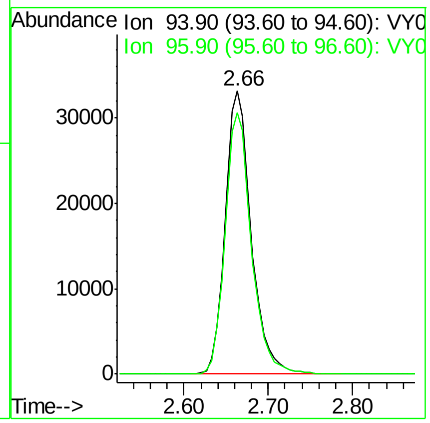
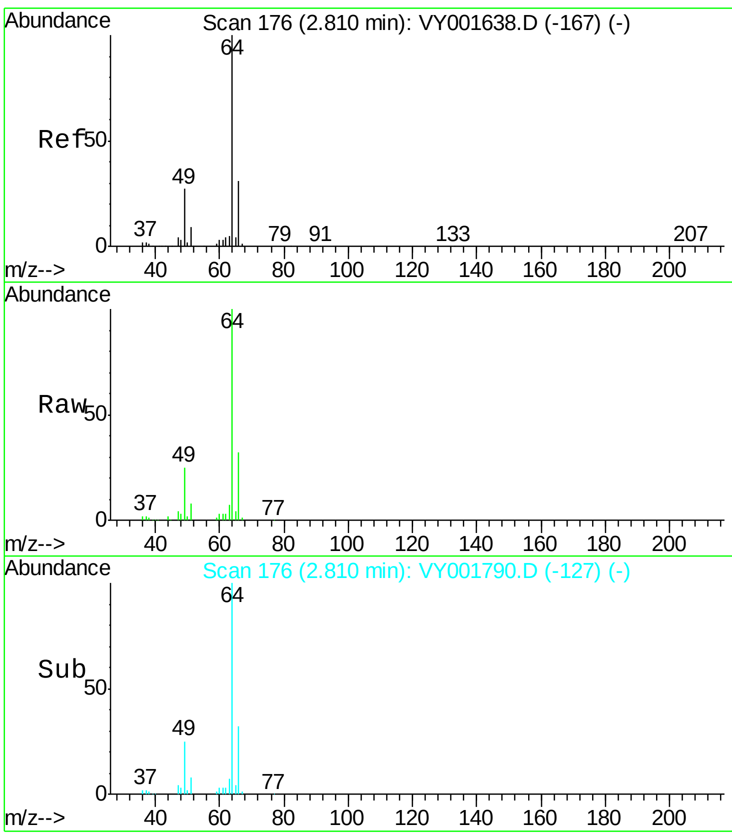
2/27/2020 10:45:37 AM

Tgt Ion: 94 Resp: 70402

Ion	Ratio	Lower	Upper
94	100		
96	92.4	73.7	110.5

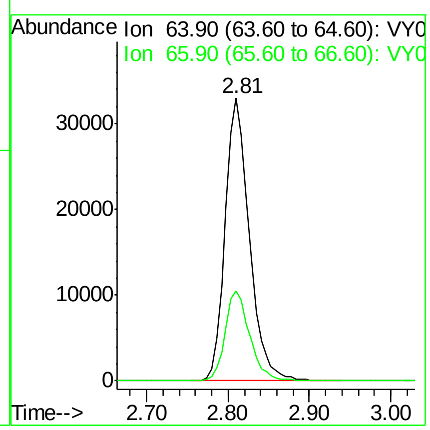


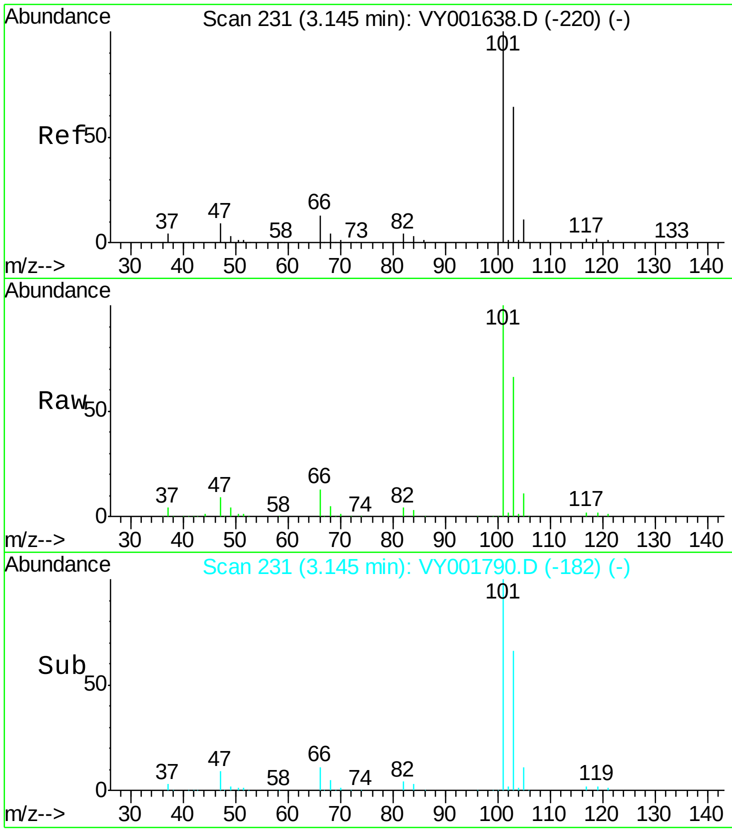


#6
Chloroethane
Concen: 48.913 ug/l
RT: 2.81 min Scan# 176
Delta R.T. 0.00 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

Tgt Ion: 64 Resp: 68041

Ion	Ratio	Lower	Upper
64	100		
66	31.8	25.5	38.3





#7
Trichlorofluoromethane
Concen: 49.980 ug/l
RT: 3.15 min Scan# 231
Delta R.T. 0.00 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

Tgt Ion:101 Resp: 144402

Ion	Ratio	Lower	Upper
101	100		
103	65.5	52.2	78.2

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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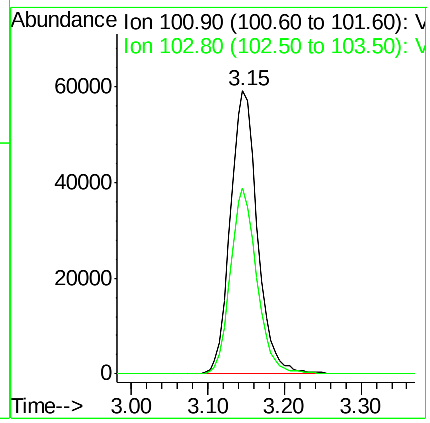
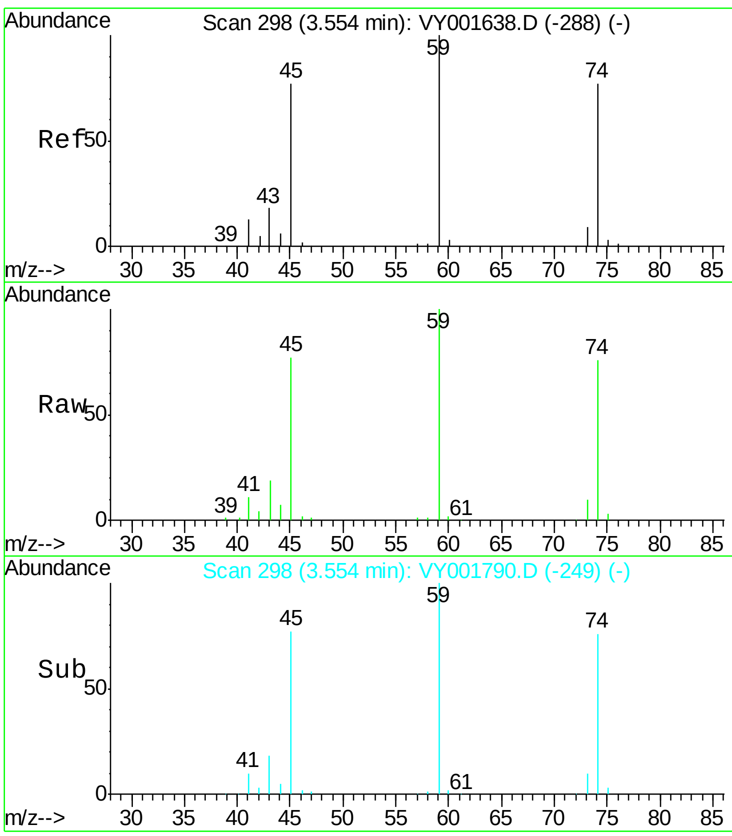
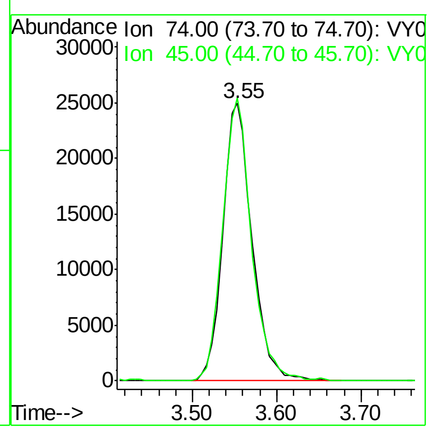


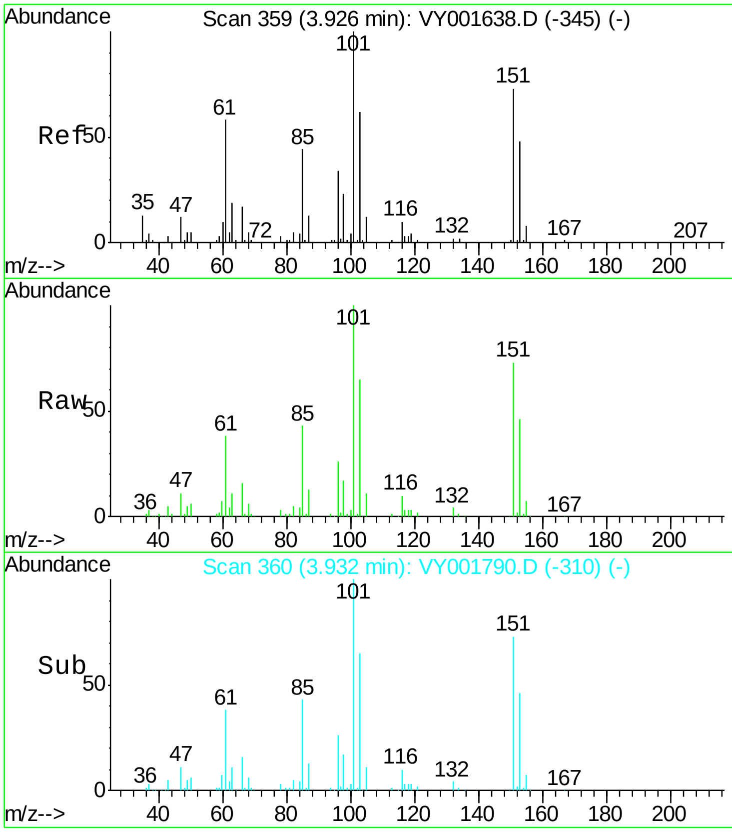


#8
Diethyl Ether
Concen: 52.230 ug/l
RT: 3.55 min Scan# 298
Delta R.T. 0.00 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

Tgt Ion: 74 Resp: 59488

Ion	Ratio	Lower	Upper
74	100		
45	101.1	49.6	148.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.934 ug/l
RT: 3.93 min Scan# 360
Delta R.T. 0.01 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 92494

Ion	Ratio	Lower	Upper
101	100		
85	44.3	35.1	52.7
151	71.4	58.4	87.6

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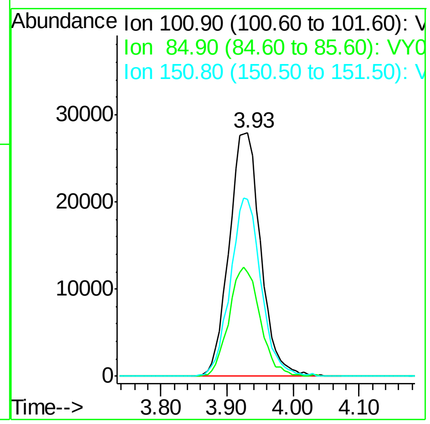
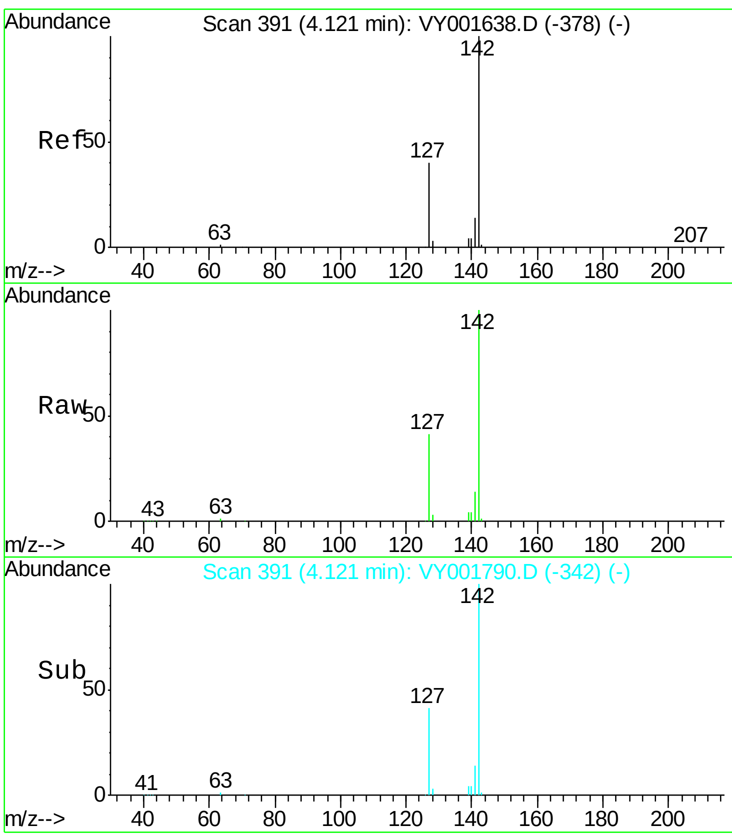
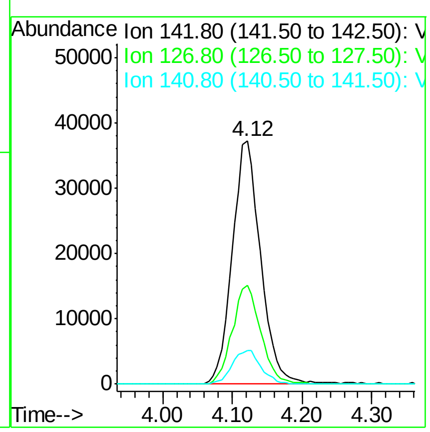


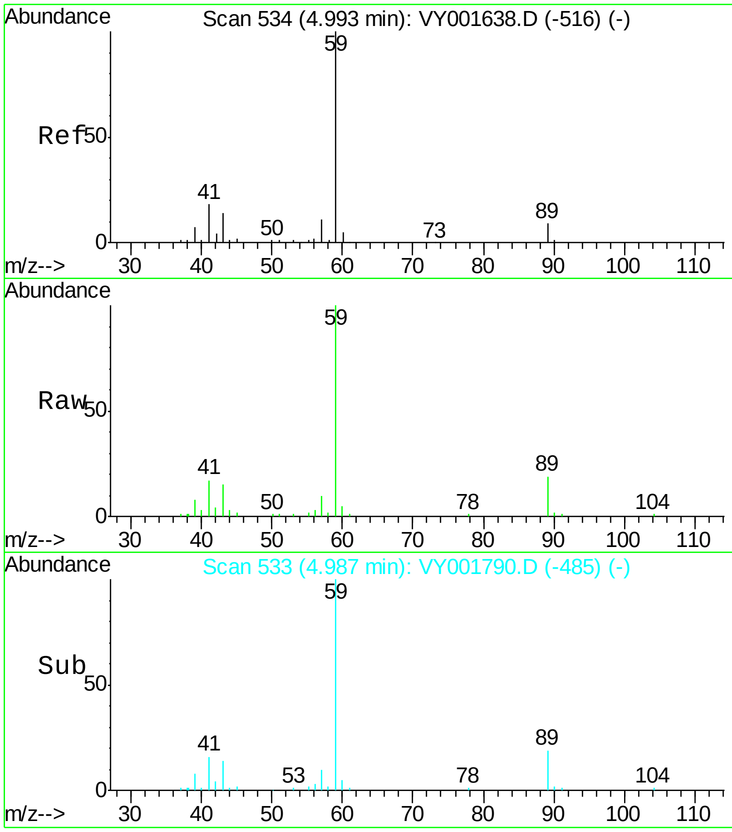


#10
Methyl Iodide
Concen: 47.304 ug/l
RT: 4.12 min Scan# 391
Delta R.T. 0.00 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

Tgt Ion:142 Resp: 105133

Ion	Ratio	Lower	Upper
142	100		
127	41.1	32.1	48.1
141	14.2	11.3	16.9





#11
Tert butyl alcohol
Concen: 261.514 ug/l
RT: 4.99 min   Scan# 533
Delta R.T.   -0.01 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

Tgt Ion: 59 Resp: 55380

Ion	Ratio	Lower	Upper
59	100		
57	9.4	7.4	11.2

Instrument :
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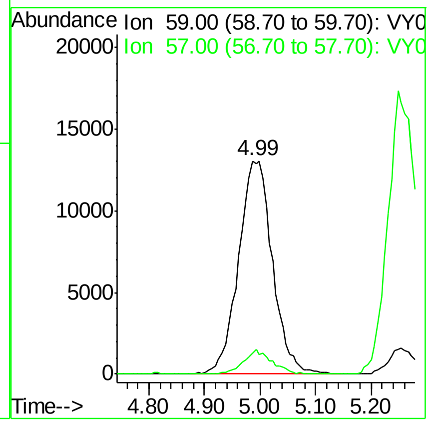
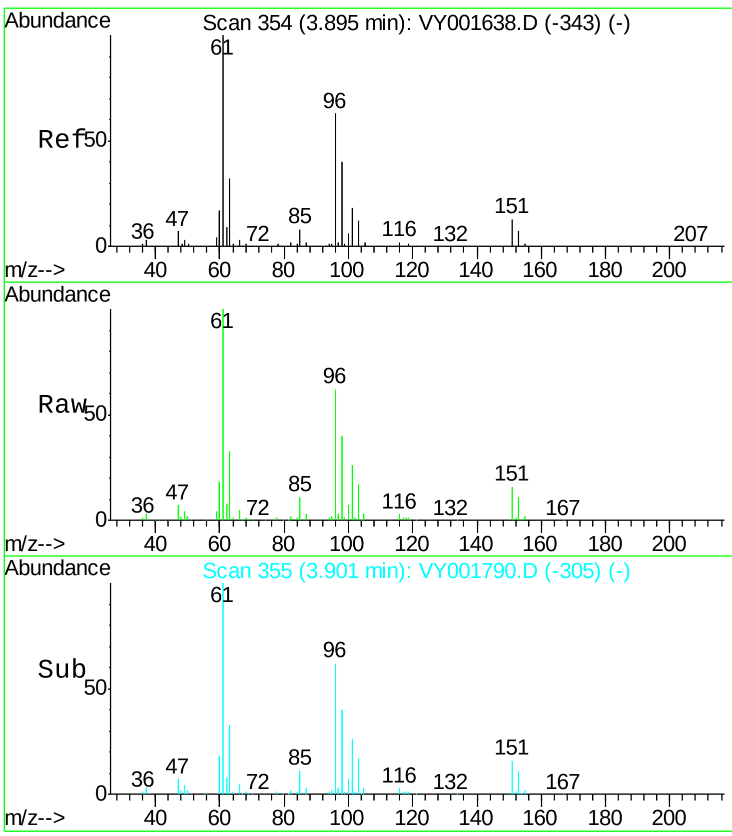
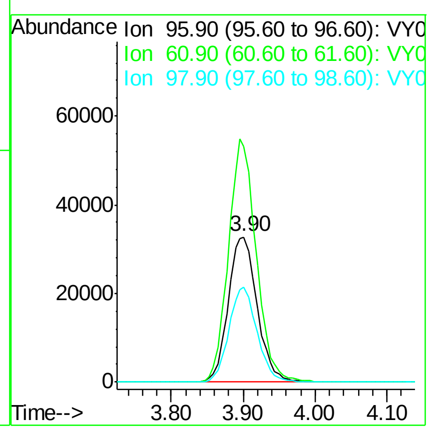


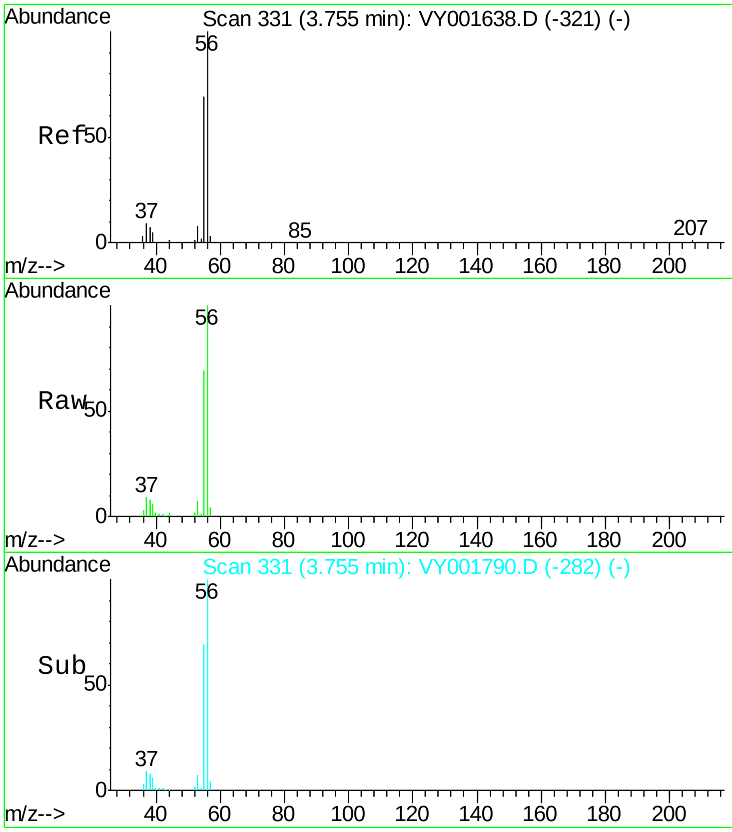


#12
1,1-Dichloroethene
Concen: 49.529 ug/l
RT: 3.90 min   Scan# 355
Delta R.T.   0.01 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

Tgt Ion: 96 Resp: 91735

Ion	Ratio	Lower	Upper
96	100		
61	162.0	128.7	193.1
98	65.2	50.7	76.1





#13
Acrolein
Concen: 268.670 ug/l
RT: 3.76 min Scan# 331
Delta R.T. 0.00 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

Tgt Ion: 56 Resp: 49823

Ion	Ratio	Lower	Upper
56	100		
55	68.7	56.1	84.1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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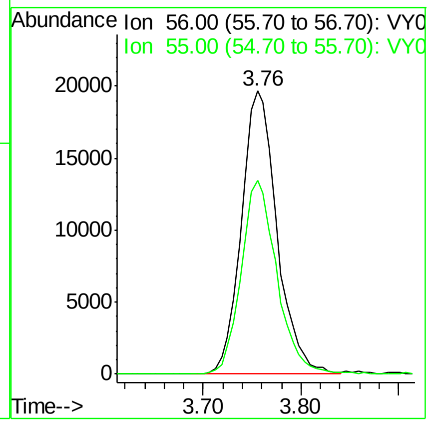
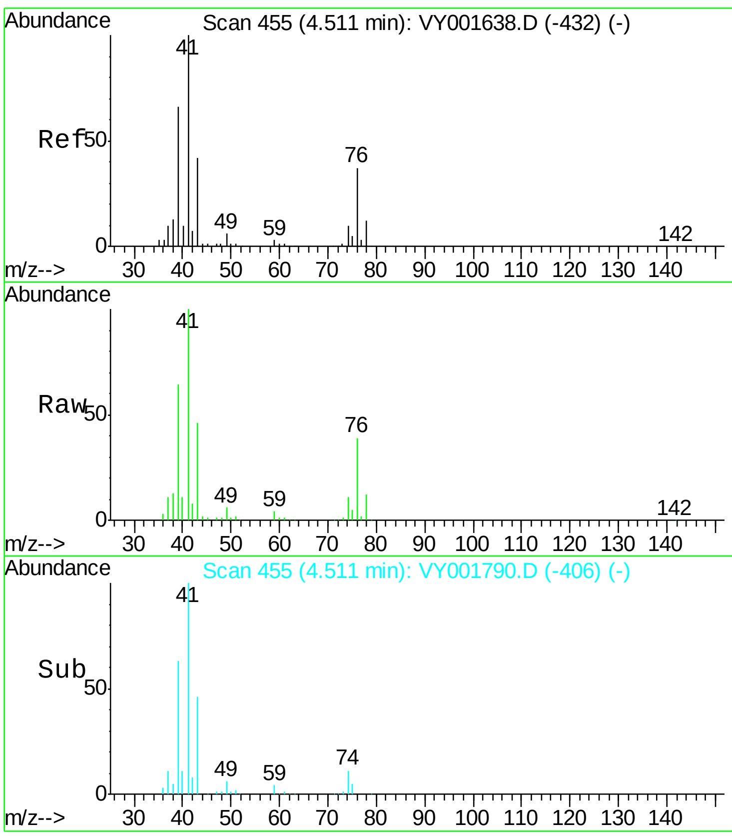
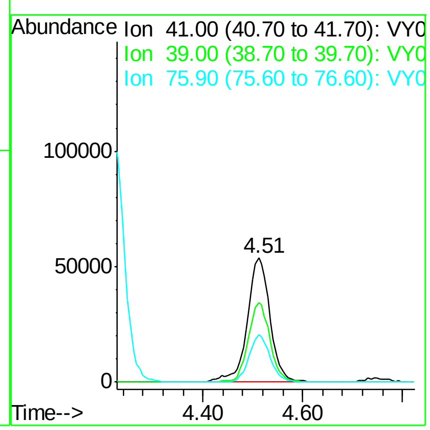


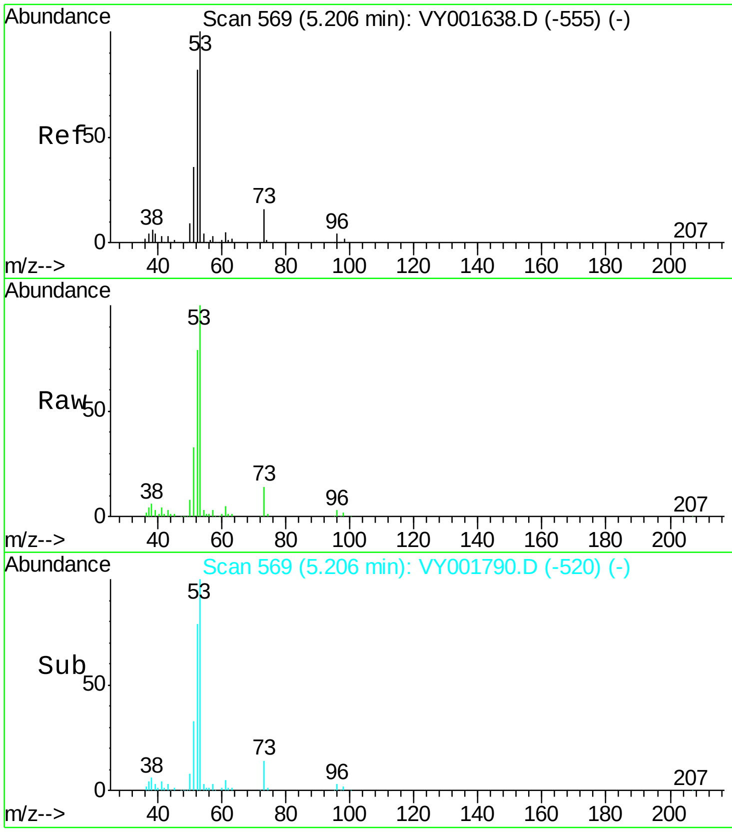


#14
Allyl chloride
Concen: 51.809 ug/l
RT: 4.51 min Scan# 455
Delta R.T. 0.00 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

Tgt Ion: 41 Resp: 170780

Ion	Ratio	Lower	Upper
41	100		
39	61.6	49.4	74.0
76	35.3	29.0	43.6





#15
Acrylonitrile
Concen: 281.324 ug/l
RT: 5.21 min Scan# 569
Delta R.T. 0.00 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

Tgt Ion: 53 Resp: 164239

Ion	Ratio	Lower	Upper
53	100		
52	81.2	65.4	98.0
51	35.4	28.0	42.0

Instrument : MSVOA_Y
ClientSampleId : VSTDCCC050EC

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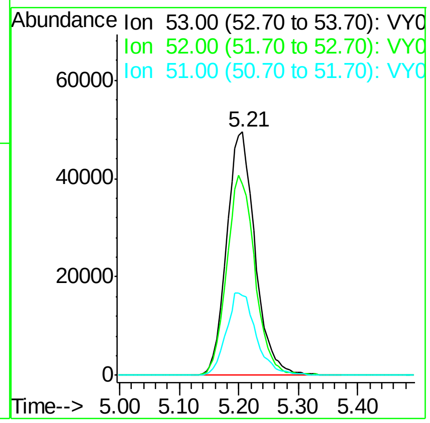
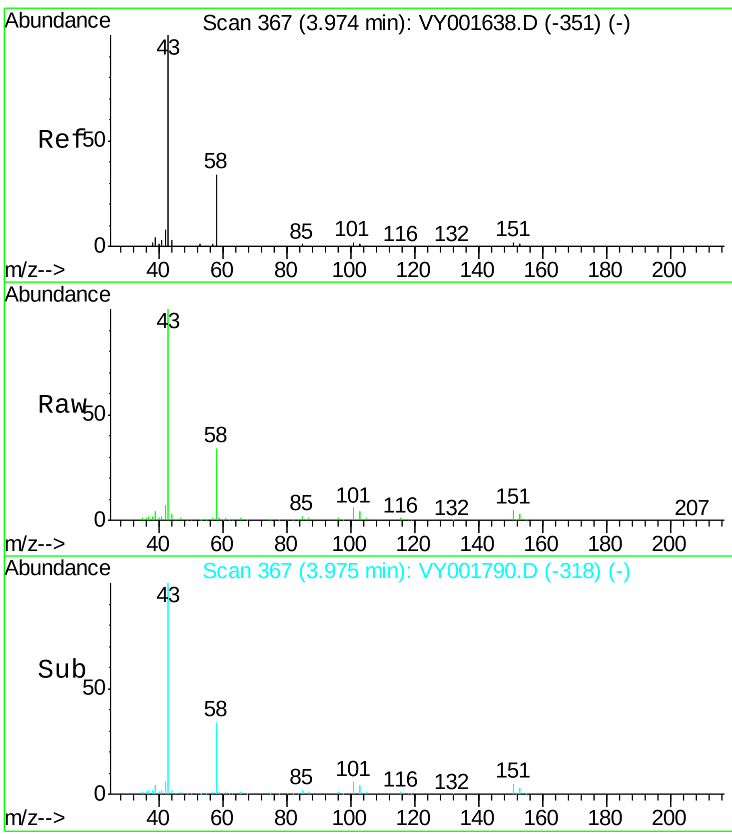
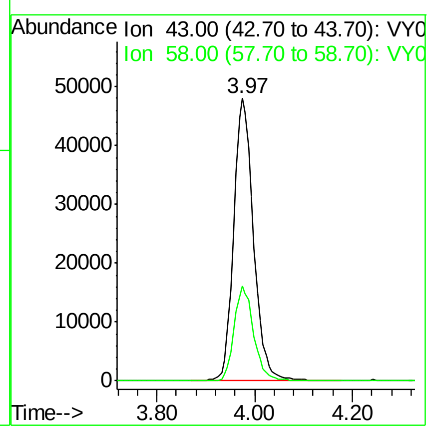


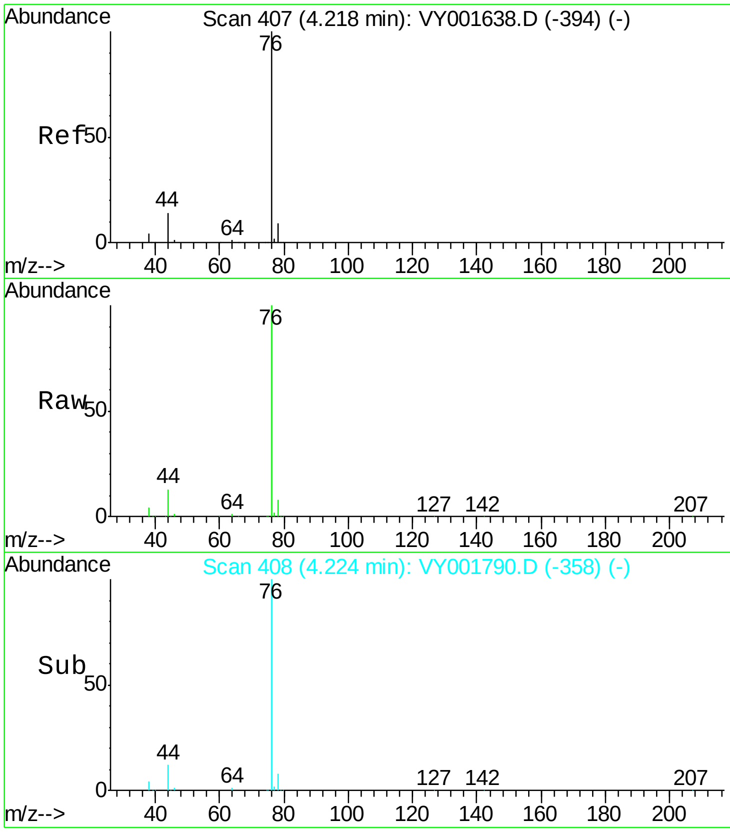


#16
Acetone
Concen: 212.922 ug/l
RT: 3.97 min Scan# 367
Delta R.T. 0.00 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

Tgt Ion: 43 Resp: 135276

Ion	Ratio	Lower	Upper
43	100		
58	33.6	27.3	40.9





#17
Carbon Disulfide
Concen: 46.607 ug/l
RT: 4.22 min   Scan# 408
Delta R.T.   0.01 min
Lab File: VY001790.D
Acq: 26 Feb 2020   18:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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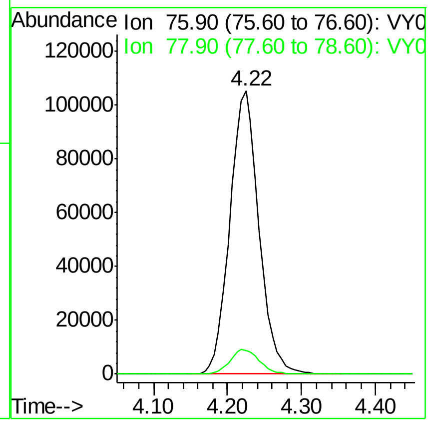
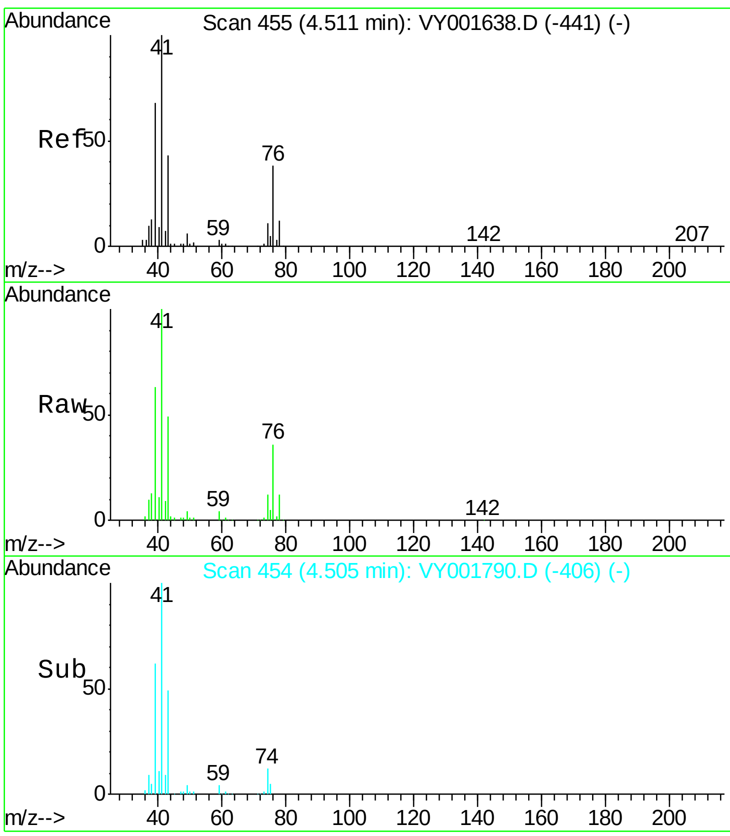
Tgt Ion: 76 Resp: 288194

Ion	Ratio	Lower	Upper
76	100		
78	8.3	7.3	10.9

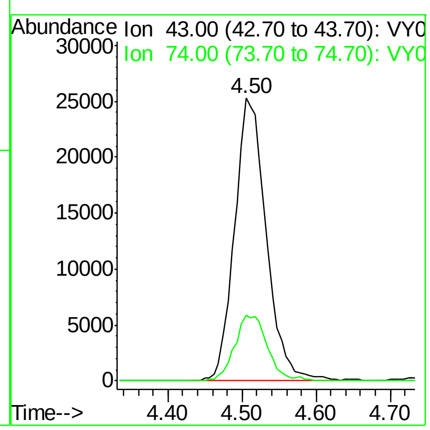


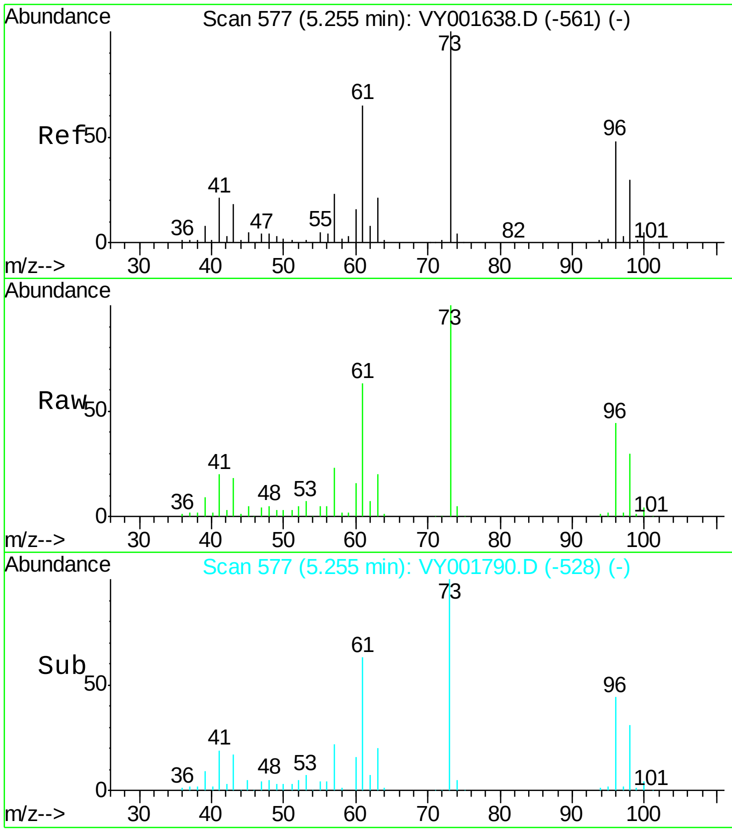


#18
Methyl Acetate
Concen: 54.845 ug/l
RT: 4.50 min   Scan# 454
Delta R.T.   -0.01 min
Lab File: VY001790.D
Acq: 26 Feb 2020   18:20

Tgt Ion: 43 Resp: 75883

Ion	Ratio	Lower	Upper
43	100		
74	23.9	19.1	28.7





#19
Methyl tert-butyl Ether
Concen: 52.533 ug/l
RT: 5.25 min   Scan# 577
Delta R.T.   0.00 min
Lab File: VY001790.D
Acq: 26 Feb 2020   18:20

Tgt Ion: 73 Resp: 270901

Ion	Ratio	Lower	Upper
73	100		
57	22.6	19.0	28.6

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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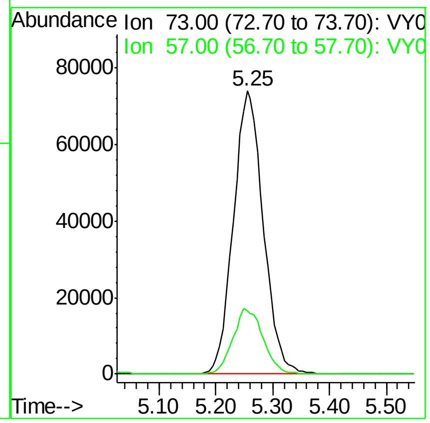
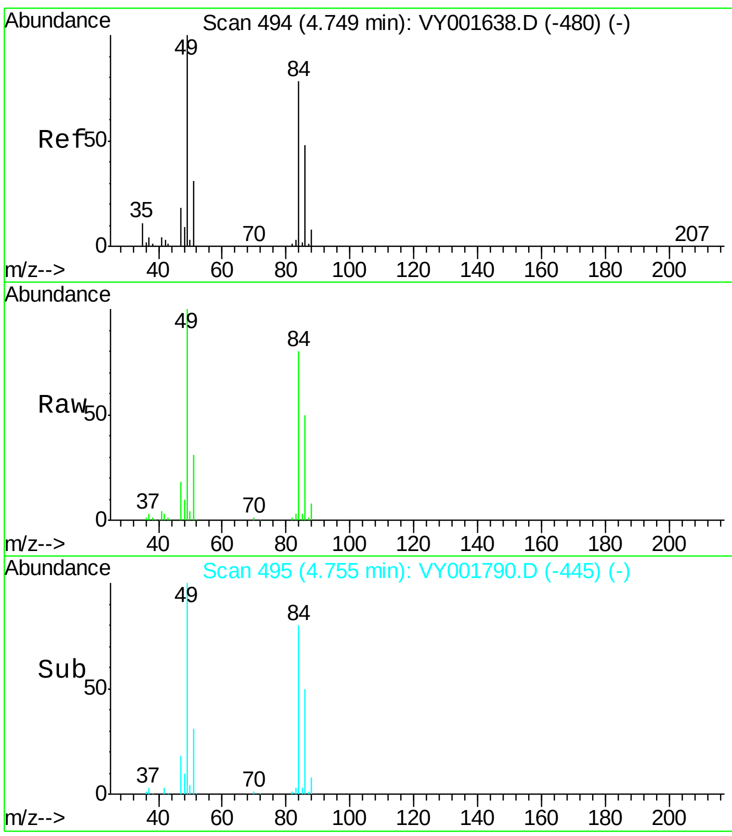
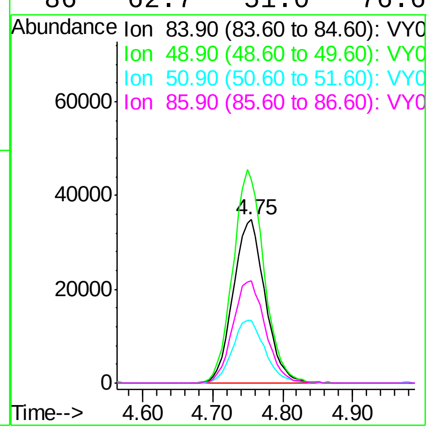


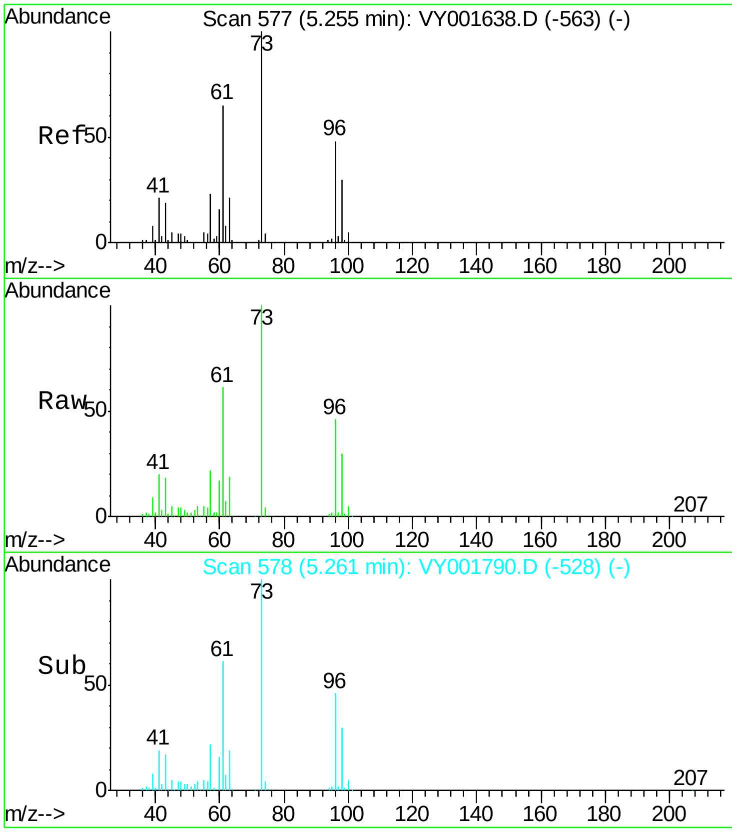


#20
Methylene Chloride
Concen: 49.235 ug/l
RT: 4.75 min   Scan# 495
Delta R.T.   0.01 min
Lab File: VY001790.D
Acq: 26 Feb 2020   18:20

Tgt Ion: 84 Resp: 111108

Ion	Ratio	Lower	Upper
84	100		
49	124.8	99.2	148.8
51	38.2	31.5	47.3
86	62.7	51.0	76.6

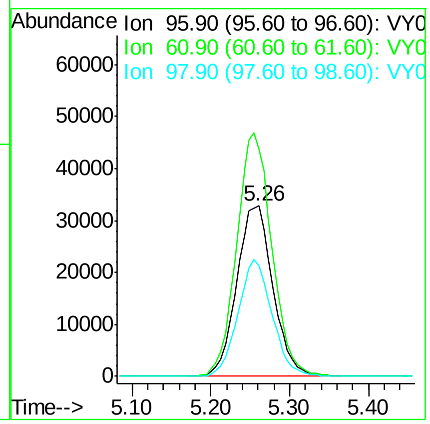




#21
trans-1,2-Dichloroethene
Concen: 49.665 ug/l
RT: 5.26 min Scan# 578
Delta R.T. 0.01 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

Tgt Ion: 96 Resp: 104952

Ion	Ratio	Lower	Upper
96	100		
61	133.1	107.9	161.9
98	65.1	49.8	74.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
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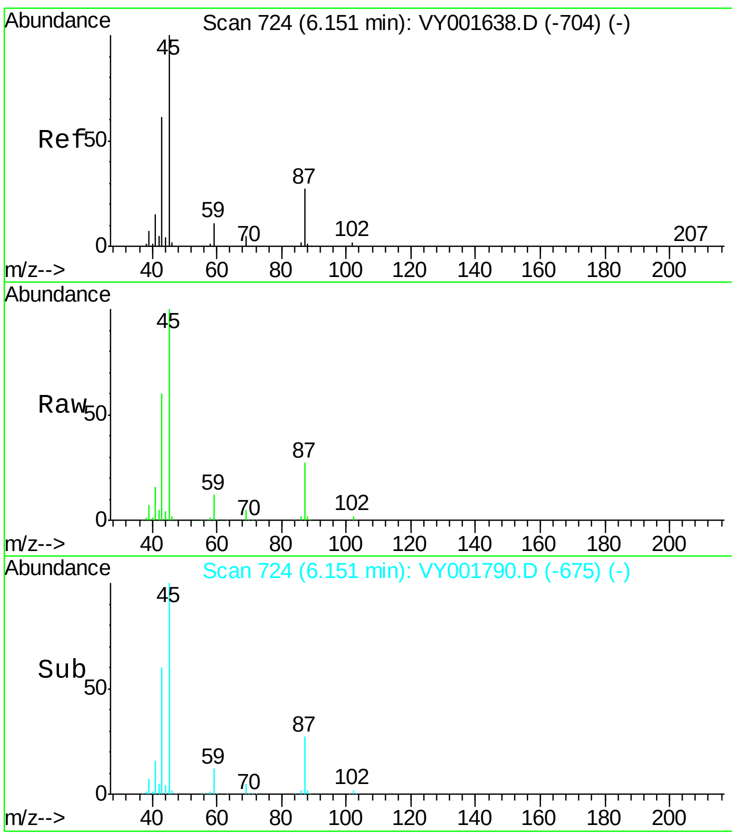
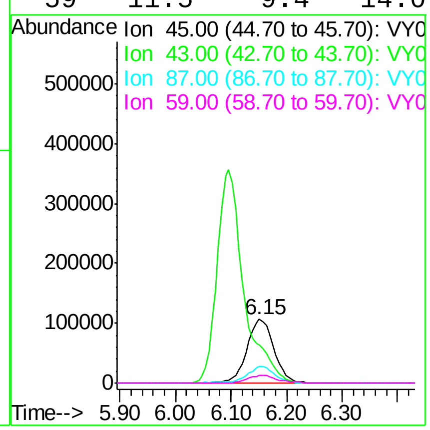
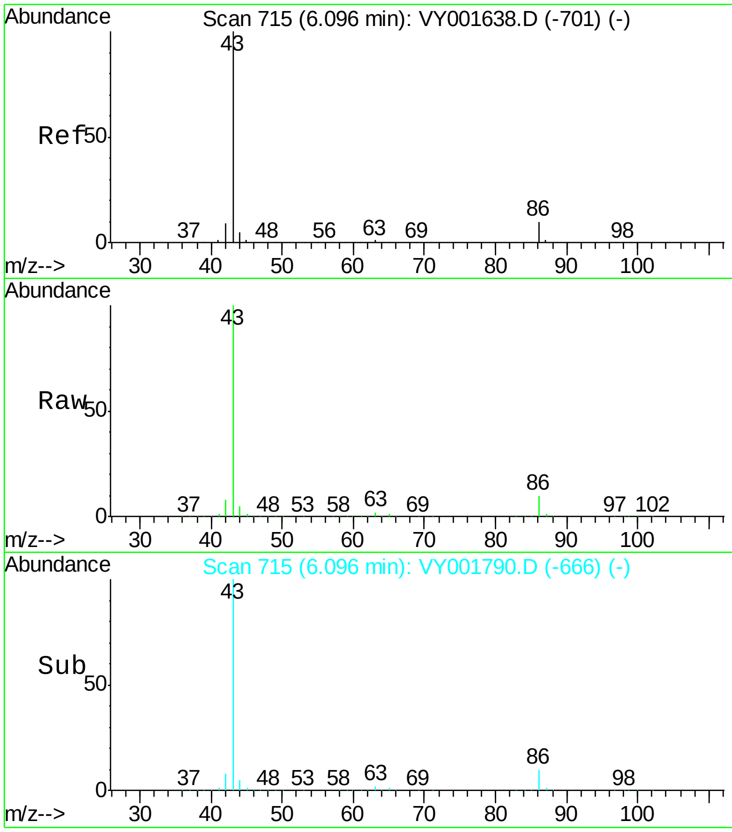


#22
Diisopropyl ether
Concen: 53.309 ug/l
RT: 6.15 min Scan# 724
Delta R.T. 0.00 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

Tgt Ion: 45 Resp: 360870

Ion	Ratio	Lower	Upper
45	100		
43	59.9	46.4	69.6
87	26.5	22.1	33.1
59	11.5	9.4	14.0





#23
Vinyl Acetate
Concen: 270.188 ug/l
RT: 6.10 min Scan# 715
Delta R.T. 0.00 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

Tgt Ion: 43 Resp: 1193042

Ion	Ratio	Lower	Upper
43	100		
86	10.5	8.8	13.2

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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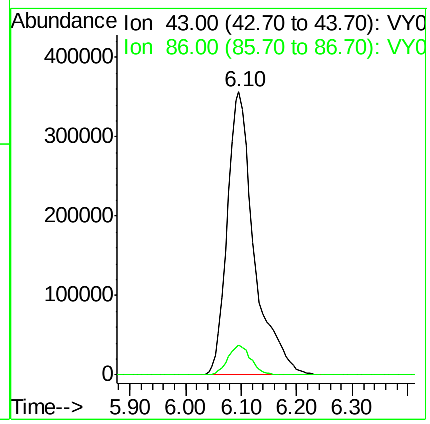
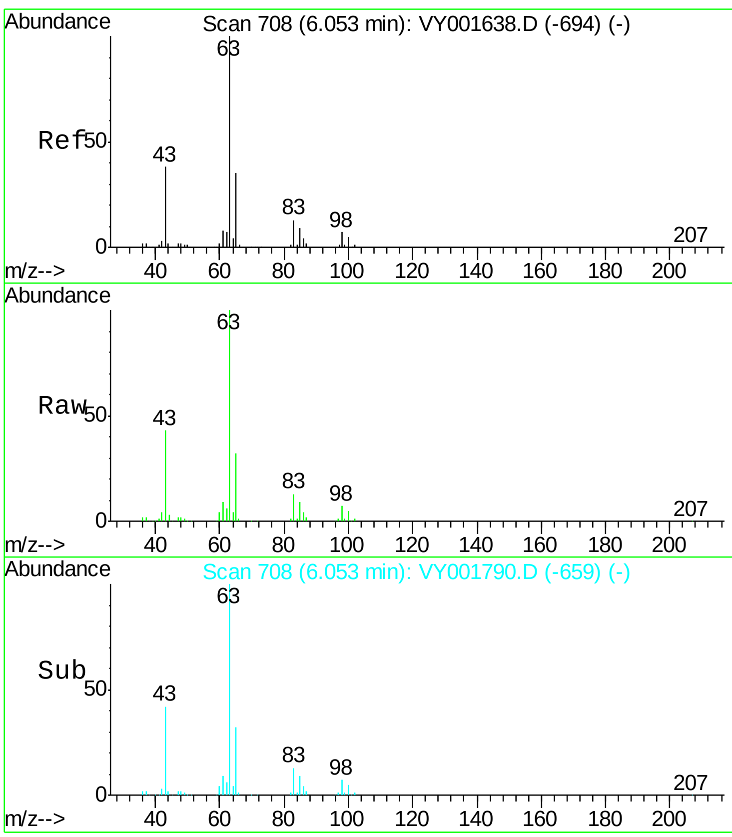
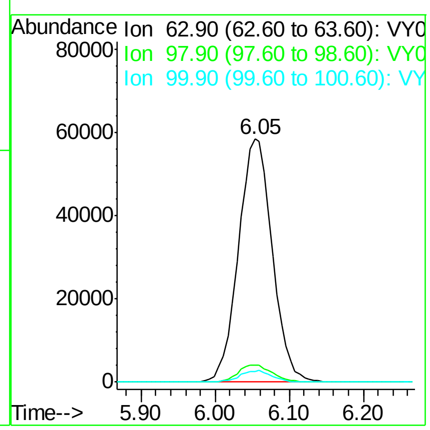


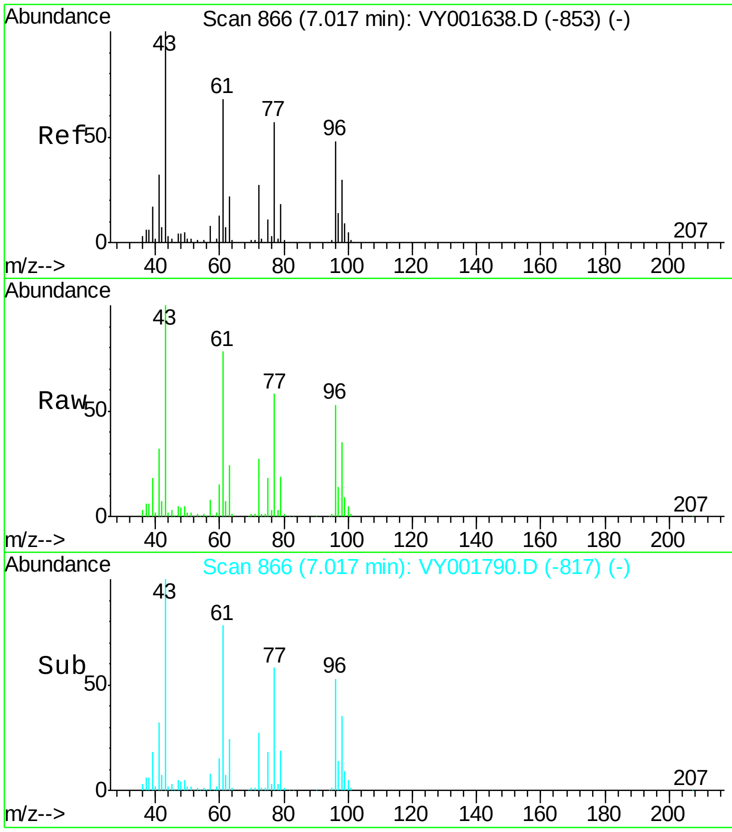


#24
1,1-Dichloroethane
Concen: 51.572 ug/l
RT: 6.05 min Scan# 708
Delta R.T. 0.00 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

Tgt Ion: 63 Resp: 186589

Ion	Ratio	Lower	Upper
63	100		
98	7.1	3.4	10.2
100	4.6	2.3	6.9





#25
2-Butanone
Concen: 250.459 ug/l
RT: 7.02 min Scan# 866
Delta R.T. 0.00 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

Tgt Ion: 43 Resp: 216164

Ion	Ratio	Lower	Upper
43	100		
72	27.0	21.2	31.8

Instrument : MSVOA_Y
ClientSampleId : VSTDCCC050EC

Manual Integrations APPROVED
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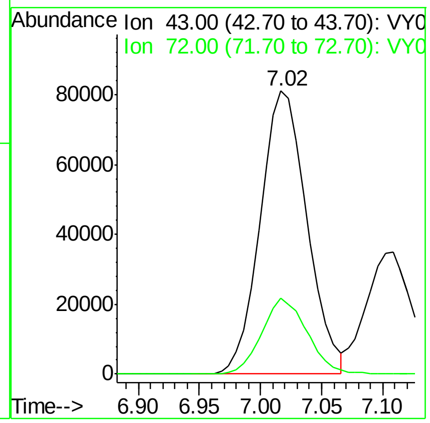
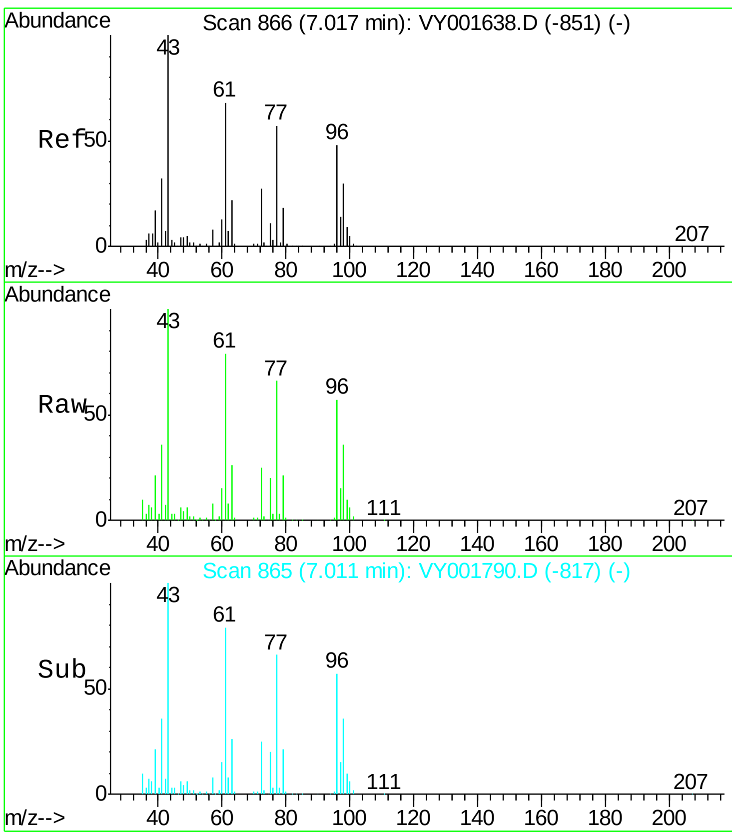
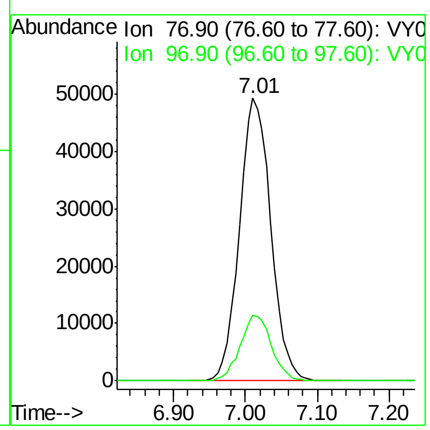


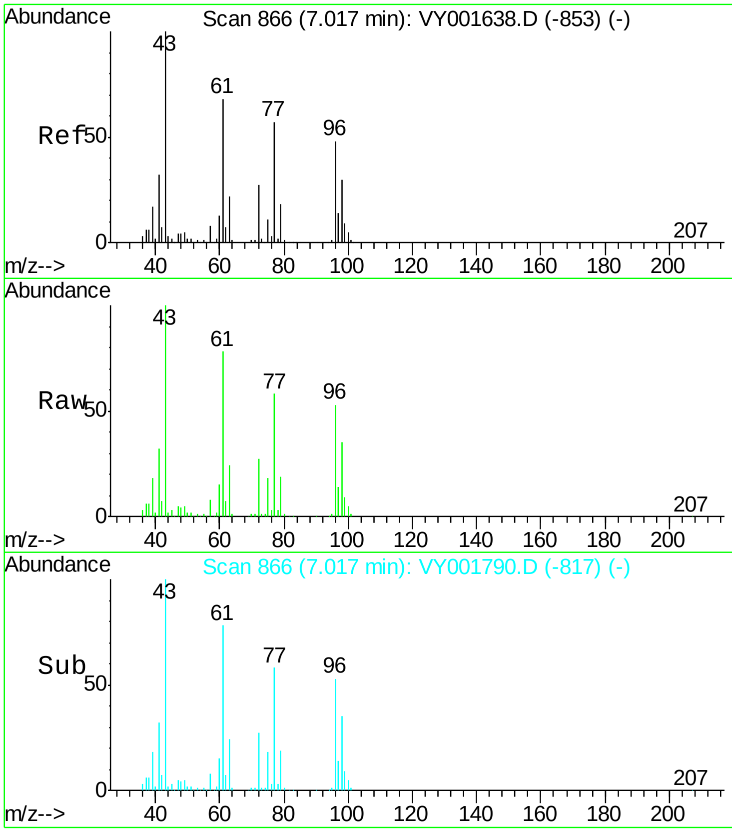


#26
2,2-Dichloropropane
Concen: 47.304 ug/l
RT: 7.01 min Scan# 865
Delta R.T. -0.01 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

Tgt Ion: 77 Resp: 148903

Ion	Ratio	Lower	Upper
77	100		
97	23.2	11.8	35.4





#27
cis-1,2-Dichloroethene
Concen: 51.543 ug/l
RT: 7.02 min   Scan# 866
Delta R.T.   0.00 min
Lab File: VY001790.D
Acq: 26 Feb 2020   18:20

Tgt Ion: 96 Resp: 120226

Ion	Ratio	Lower	Upper
96	100		
61	144.4	0.0	290.8
98	63.3	0.0	128.6

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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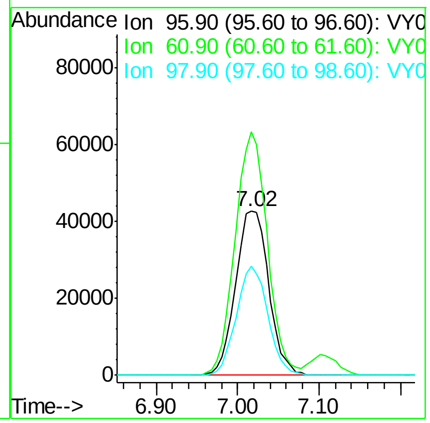
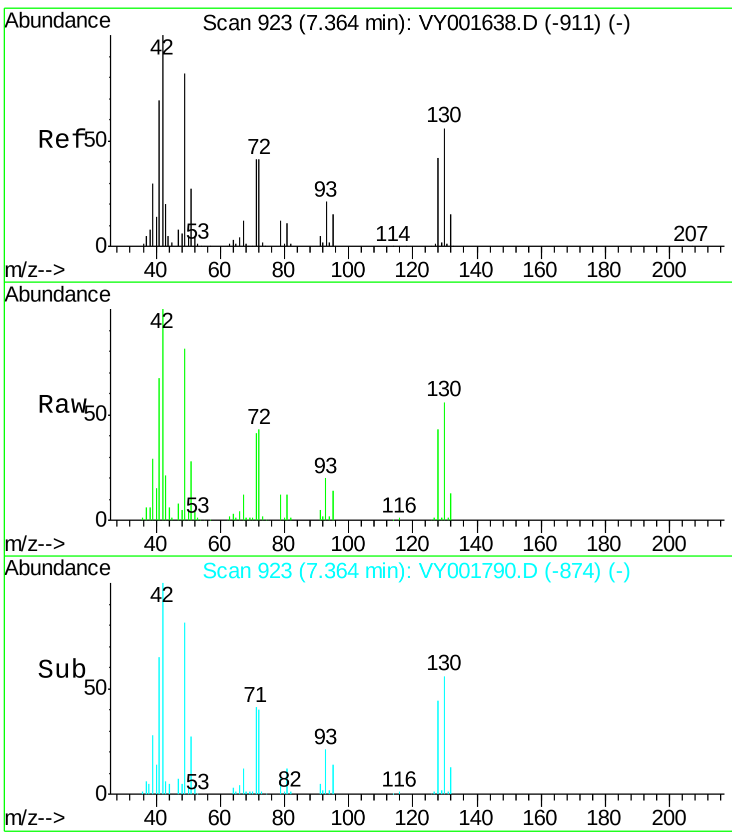
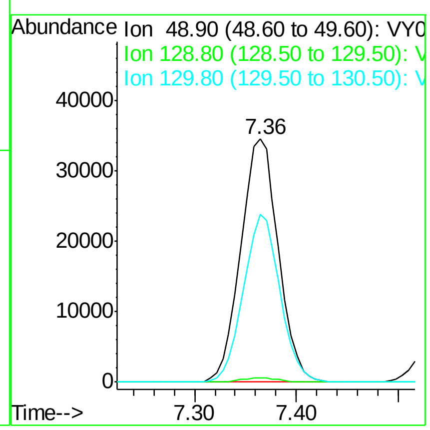




#28
Bromochloromethane
Concen: 58.801 ug/l
RT: 7.36 min   Scan# 923
Delta R.T.   0.00 min
Lab File: VY001790.D
Acq: 26 Feb 2020   18:20

Tgt Ion: 49 Resp: 88623

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.6
130	67.0	56.2	84.4



#29
Tetrahydrofuran
Concen: 275.111 ug/l
RT: 7.38 min Scan# 925
Delta R.T. 0.00 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

Tgt Ion: 42 Resp: 143514

Ion	Ratio	Lower	Upper
42	100		
72	42.2	34.4	51.6
71	38.5	31.8	47.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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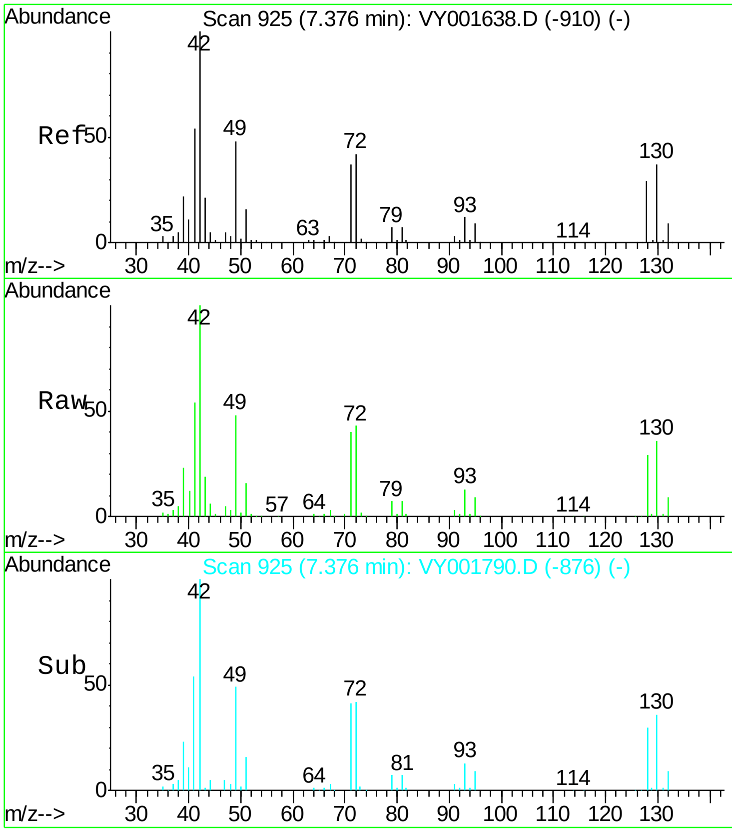
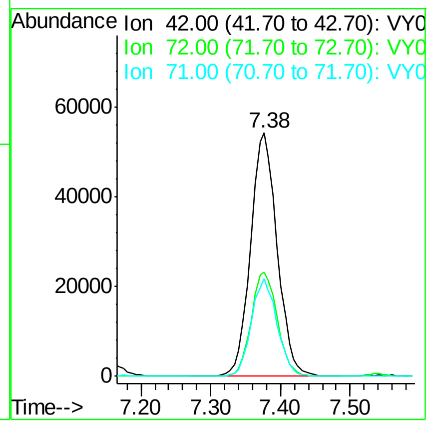
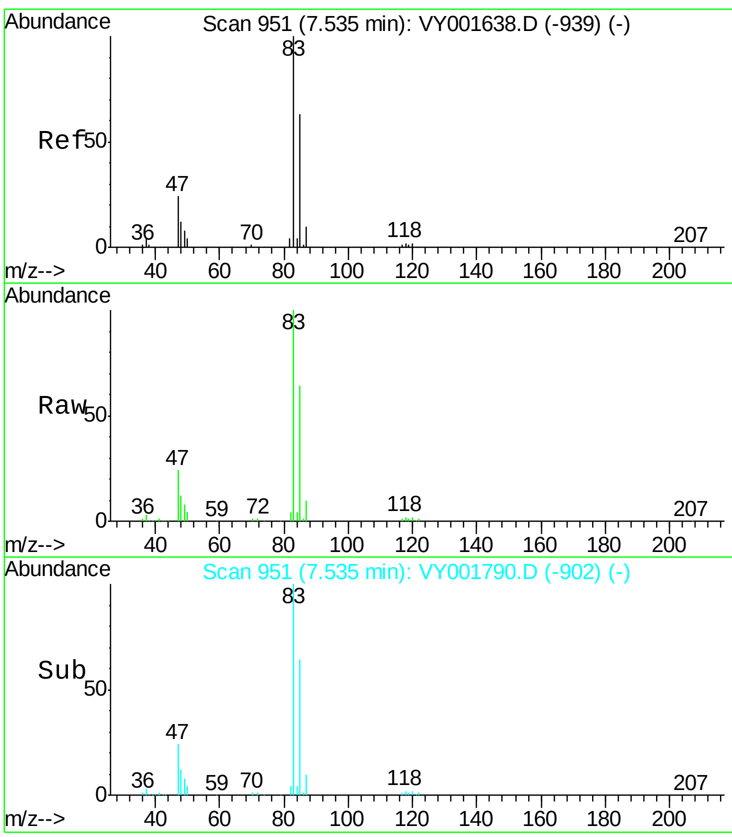


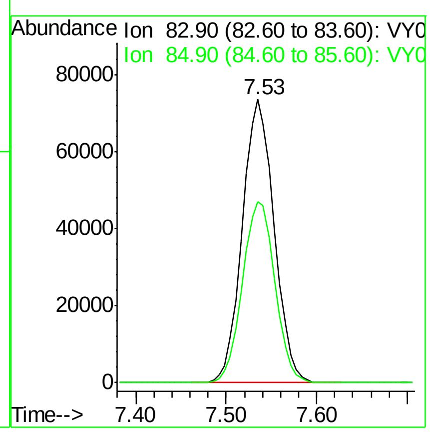


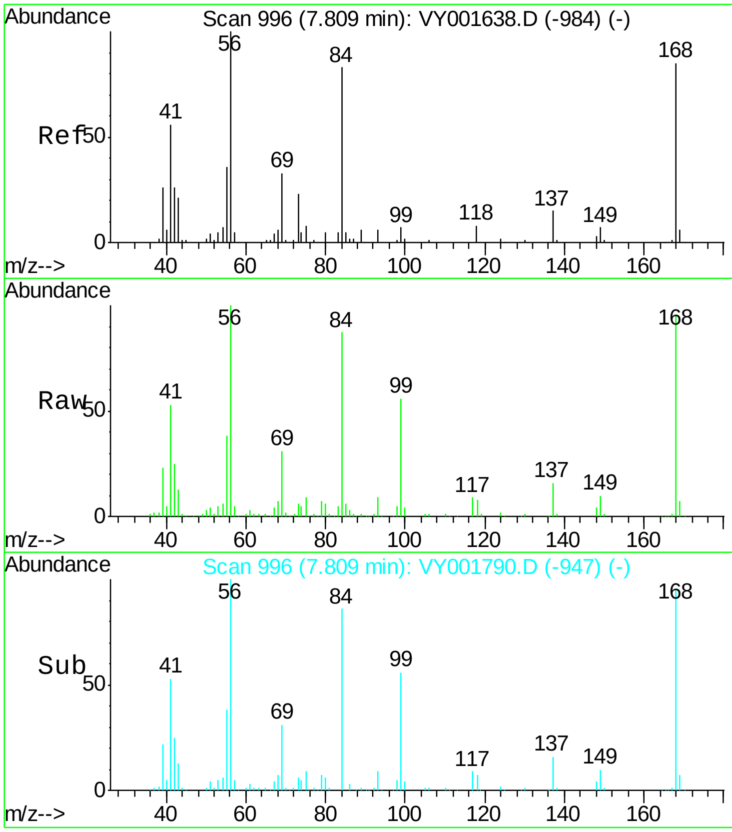
#30
Chloroform
Concen: 50.646 ug/l
RT: 7.53 min Scan# 951
Delta R.T. 0.00 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

Tgt Ion: 83 Resp: 179046

Ion	Ratio	Lower	Upper
83	100		
85	63.8	51.6	77.4







#31
Cyclohexane
Concen: 47.656 ug/l
RT: 7.81 min Scan# 996
Delta R.T. 0.00 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

Tgt Ion: 56 Resp: 183838

Ion	Ratio	Lower	Upper
56	100		
69	31.4	25.1	37.7
84	85.7	66.9	100.3

Instrument : MSVOA_Y
ClientSampleId : VSTDCCC050EC

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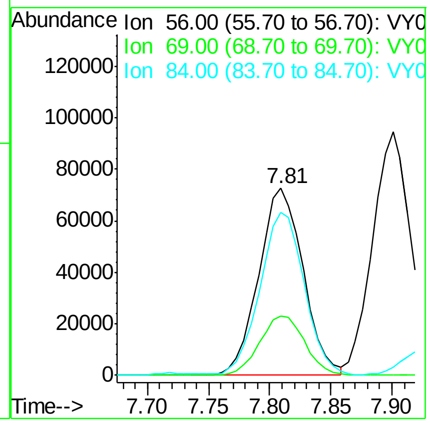
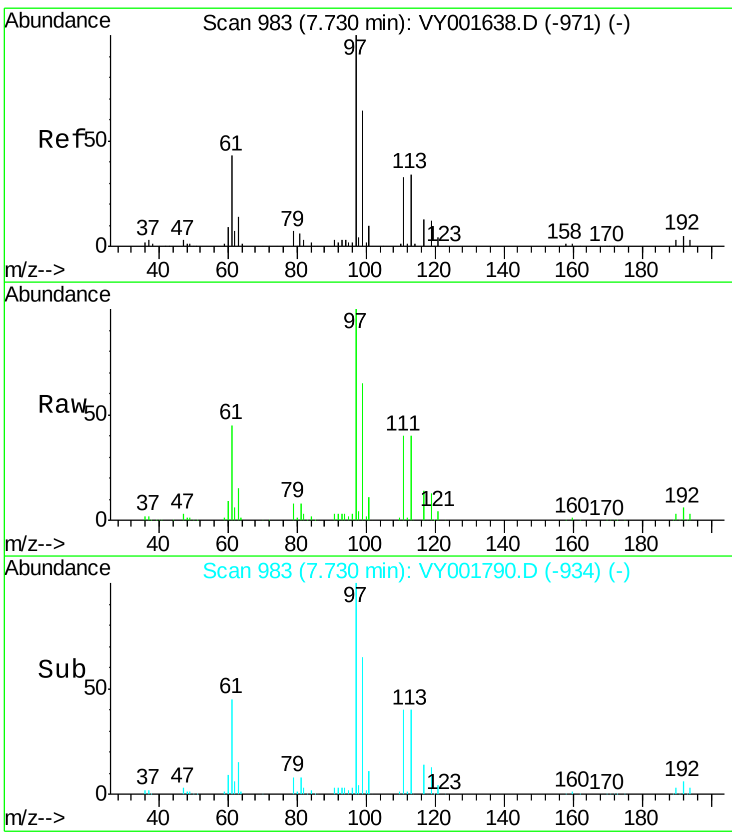
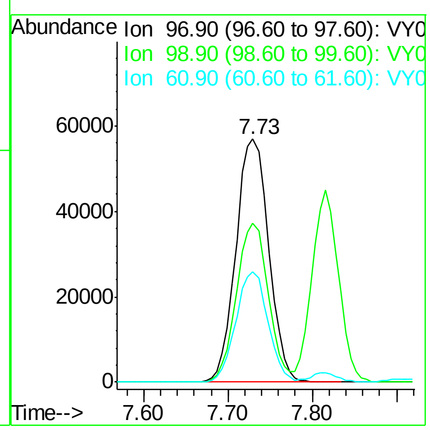


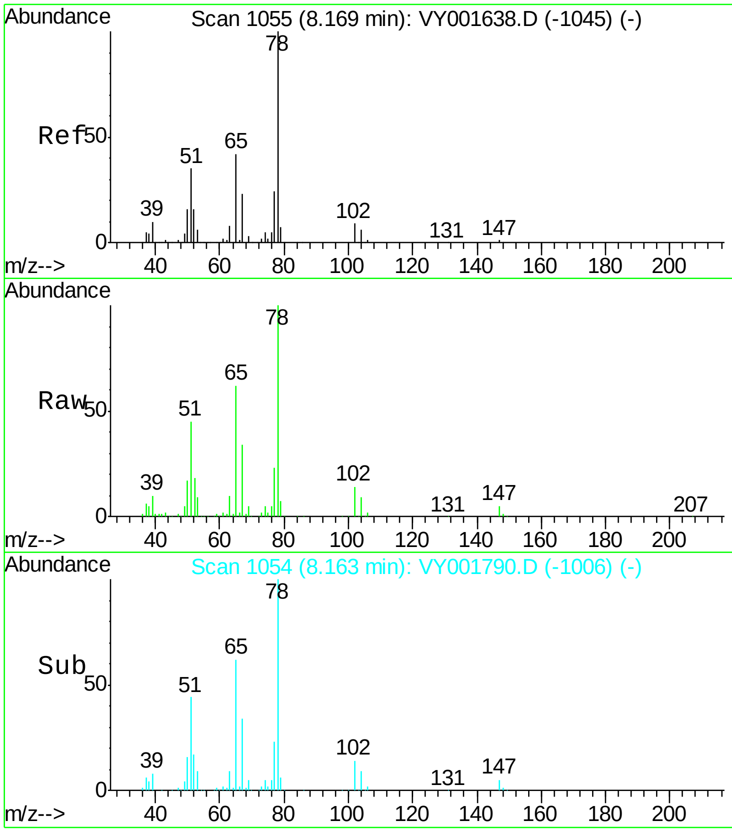


#32
1,1,1-Trichloroethane
Concen: 50.575 ug/l
RT: 7.73 min Scan# 983
Delta R.T. 0.00 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

Tgt Ion: 97 Resp: 150270

Ion	Ratio	Lower	Upper
97	100		
99	63.5	51.2	76.8
61	44.4	35.0	52.6





#33
1,2-Dichloroethane-d4
Concen: 50.383 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

Instrument : MSVOA_Y
ClientSampleId : VSTDCCC050EC

Tgt Ion: 65 Resp: 92512

Ion	Ratio	Lower	Upper
65	100		
67	56.0	0.0	111.0

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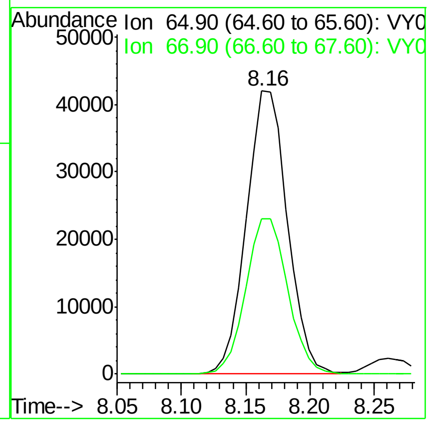
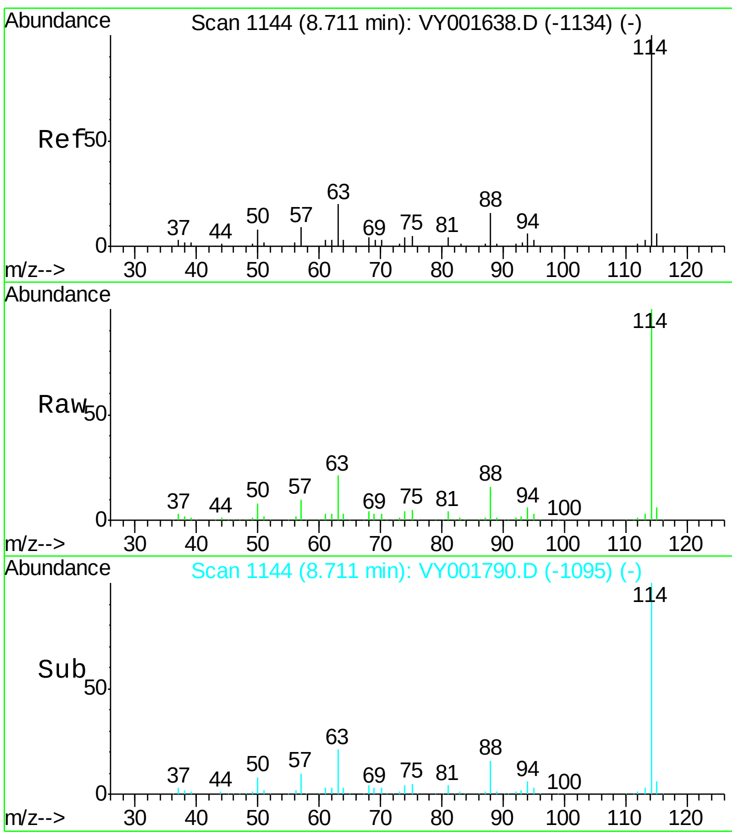
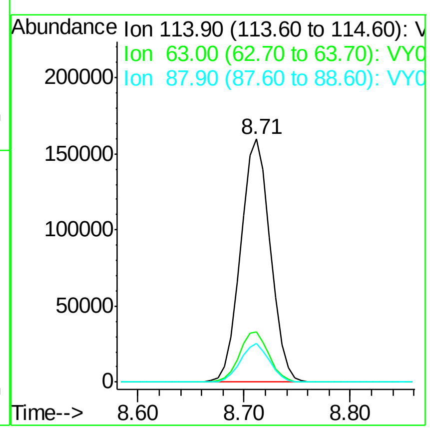


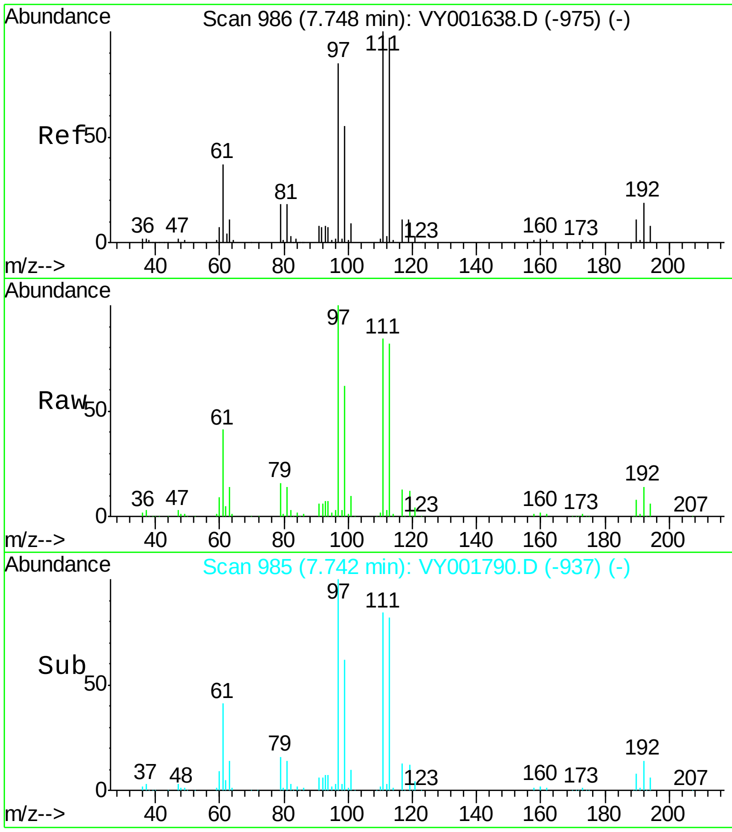


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.71 min Scan# 1144
Delta R.T. 0.00 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

Tgt Ion:114 Resp: 314153

Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	41.4
88	16.2	0.0	32.8





#35
Dibromofluoromethane
Concen: 47.958 ug/l
RT: 7.74 min Scan# 985
Delta R.T. -0.01 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
MMDadoda
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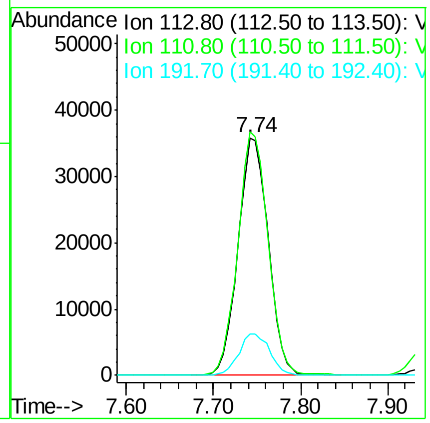
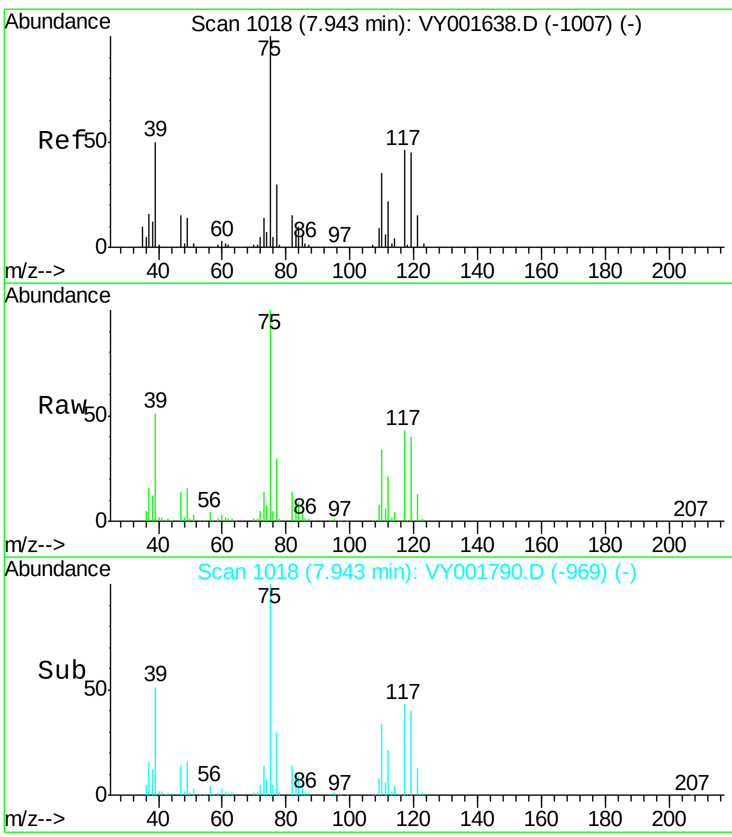
Tgt Ion:113 Resp: 86292

Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.9	122.9
192	17.9	14.3	21.5

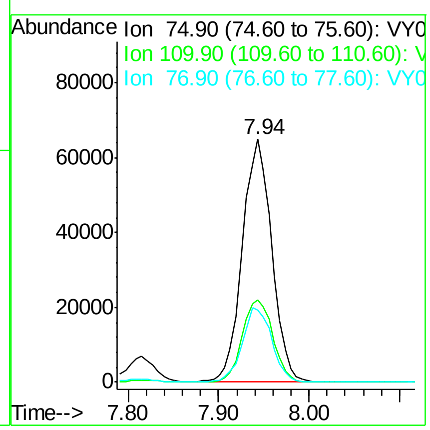


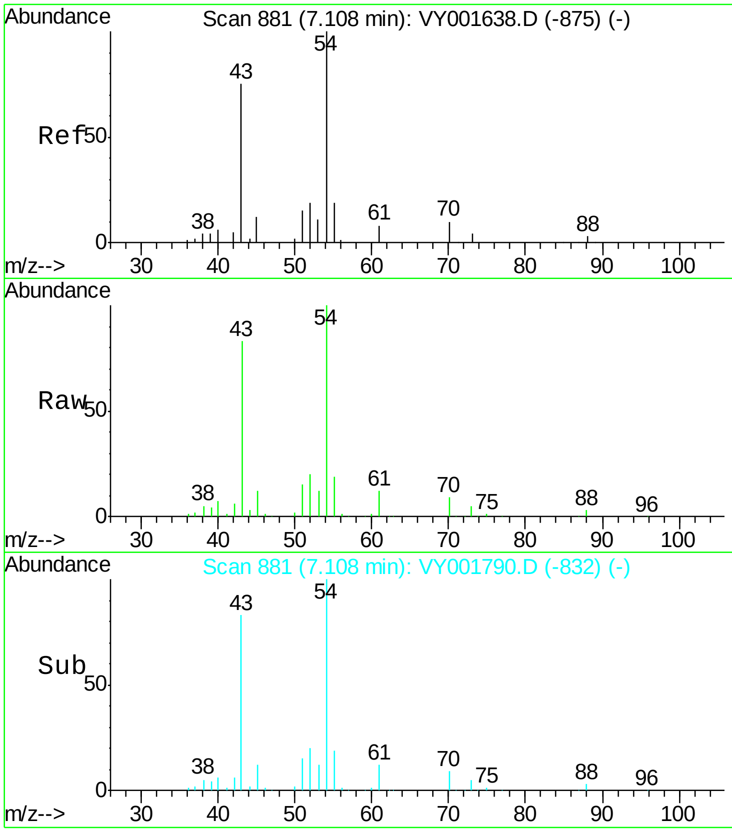


#36
1,1-Dichloropropene
Concen: 48.824 ug/l
RT: 7.94 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

Tgt Ion: 75 Resp: 146509

Ion	Ratio	Lower	Upper
75	100		
110	34.8	17.2	51.6
77	30.8	24.8	37.2





#37
Ethyl Acetate
Concen: 52.549 ug/l
RT: 7.11 min   Scan# 881
Delta R.T.   0.00 min
Lab File: VY001790.D
Acq: 26 Feb 2020   18:20

Tgt Ion: 43 Resp: 94116

Ion	Ratio	Lower	Upper
43	100		
61	13.7	11.0	16.6
70	10.3	8.8	13.2

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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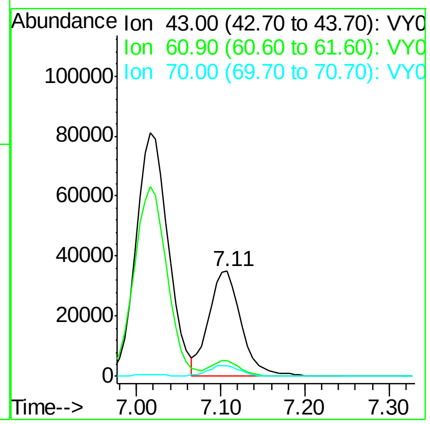
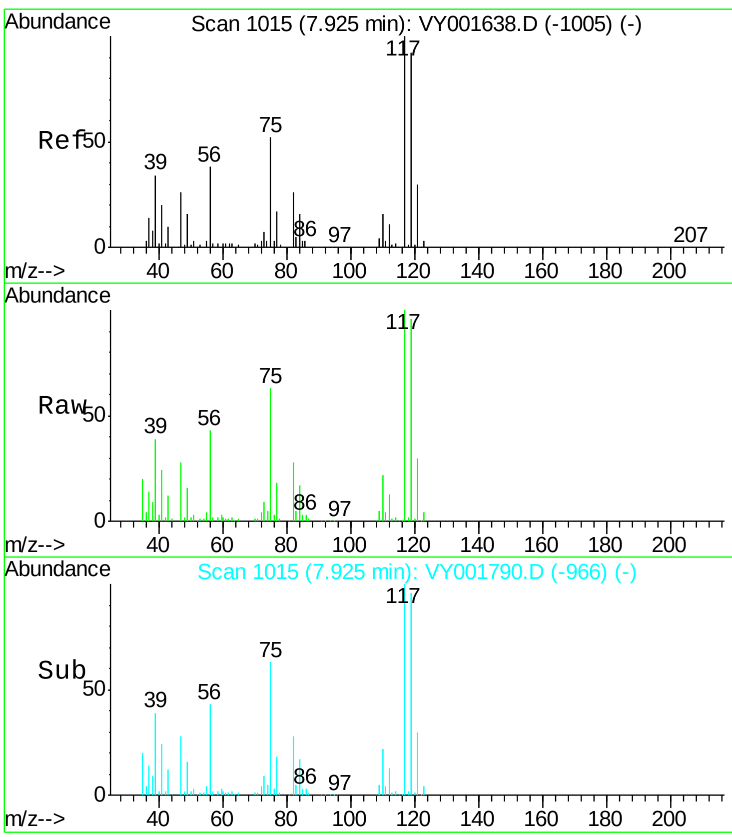
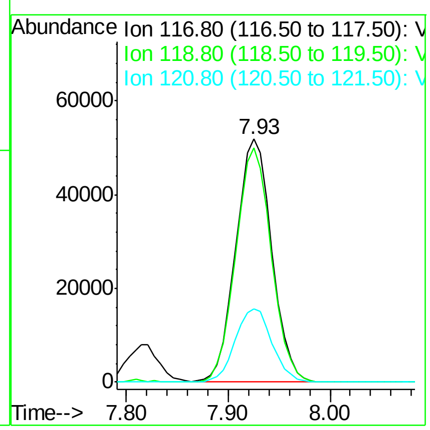


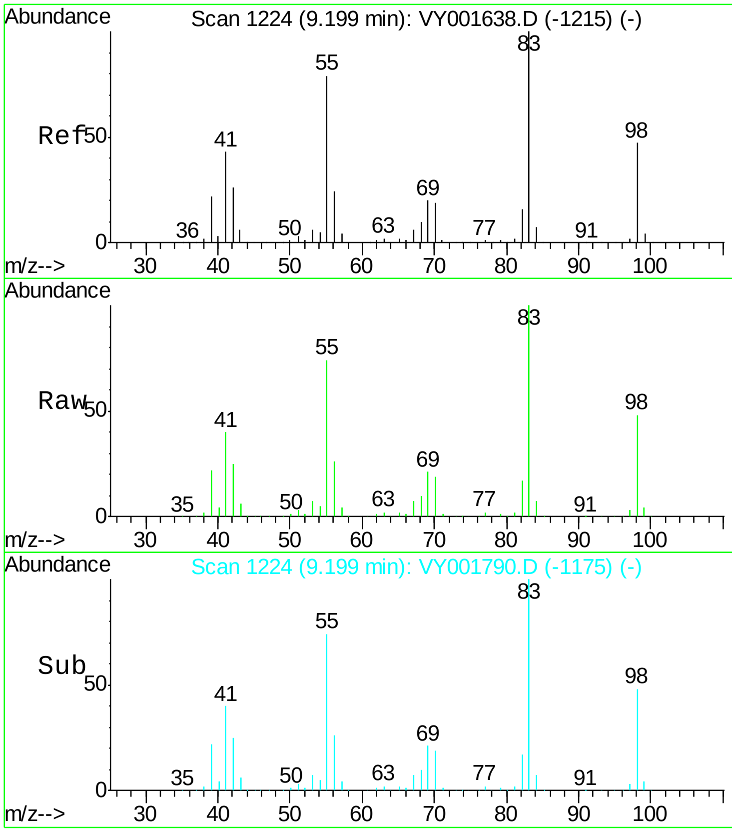


#38
Carbon Tetrachloride
Concen: 48.246 ug/l
RT: 7.93 min   Scan# 1015
Delta R.T.   0.00 min
Lab File: VY001790.D
Acq: 26 Feb 2020   18:20

Tgt Ion:117 Resp: 127164

Ion	Ratio	Lower	Upper
117	100		
119	96.5	74.8	112.2
121	30.2	23.8	35.6





#39
Methylcyclohexane
Concen: 47.720 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. 0.00 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
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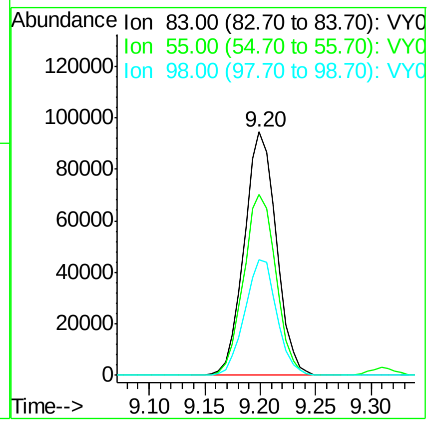
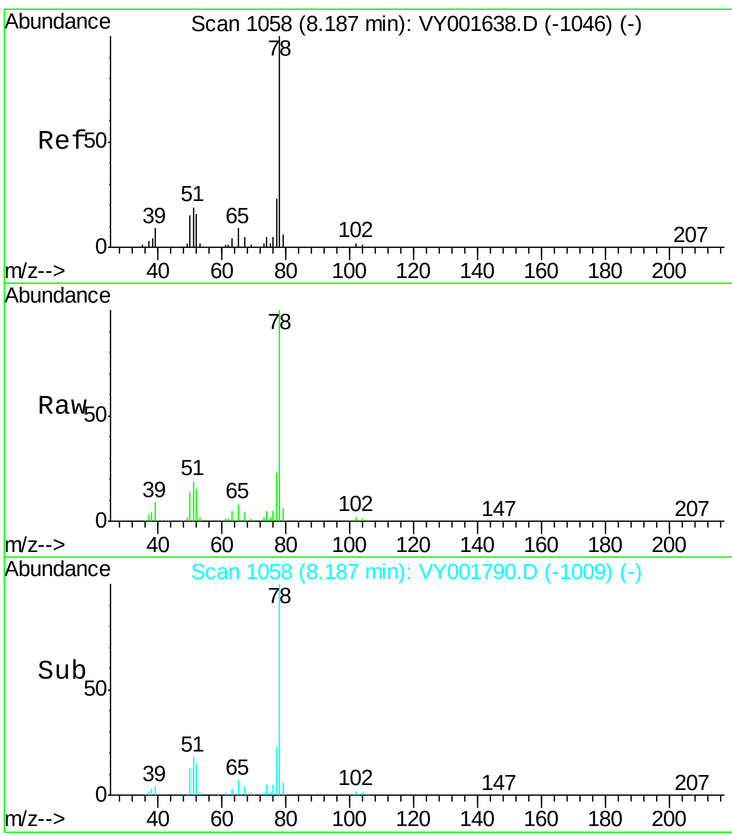
Tgt Ion: 83 Resp: 189976

Ion	Ratio	Lower	Upper
83	100		
55	74.3	61.3	91.9
98	47.6	38.0	57.0

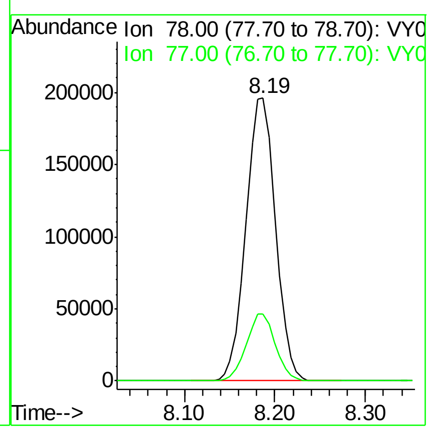


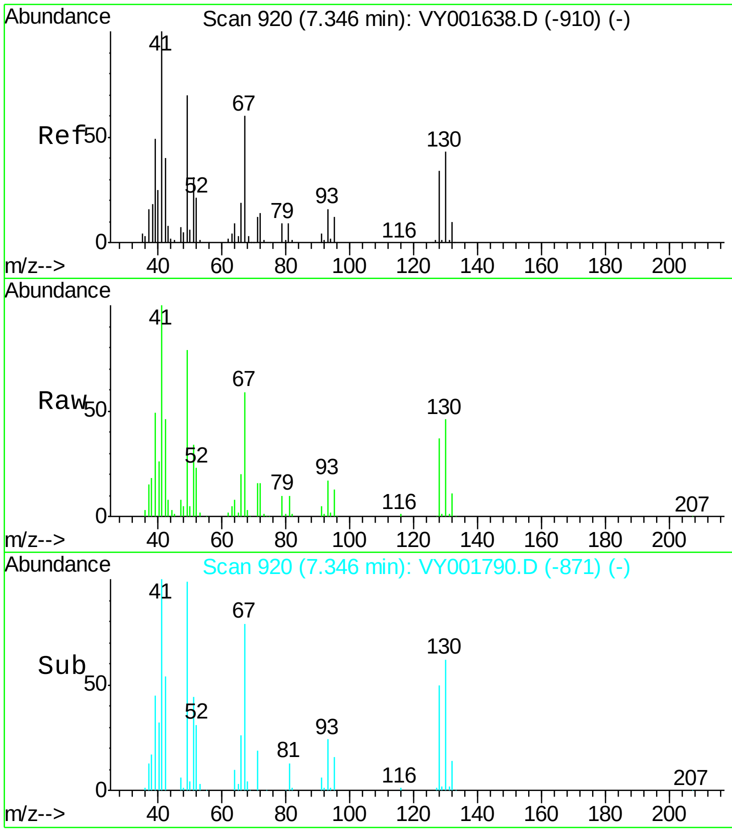


#40
Benzene
Concen: 50.418 ug/l
RT: 8.19 min Scan# 1058
Delta R.T. 0.00 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

Tgt Ion: 78 Resp: 444963

Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.2	27.4





#41
Methacrylonitrile
Concen: 47.914 ug/l m
RT: 7.35 min Scan# 920
Delta R.T.   0.00 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
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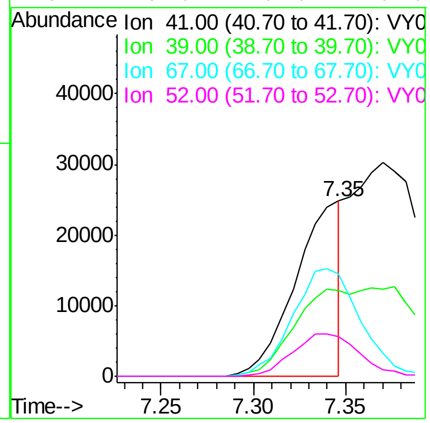
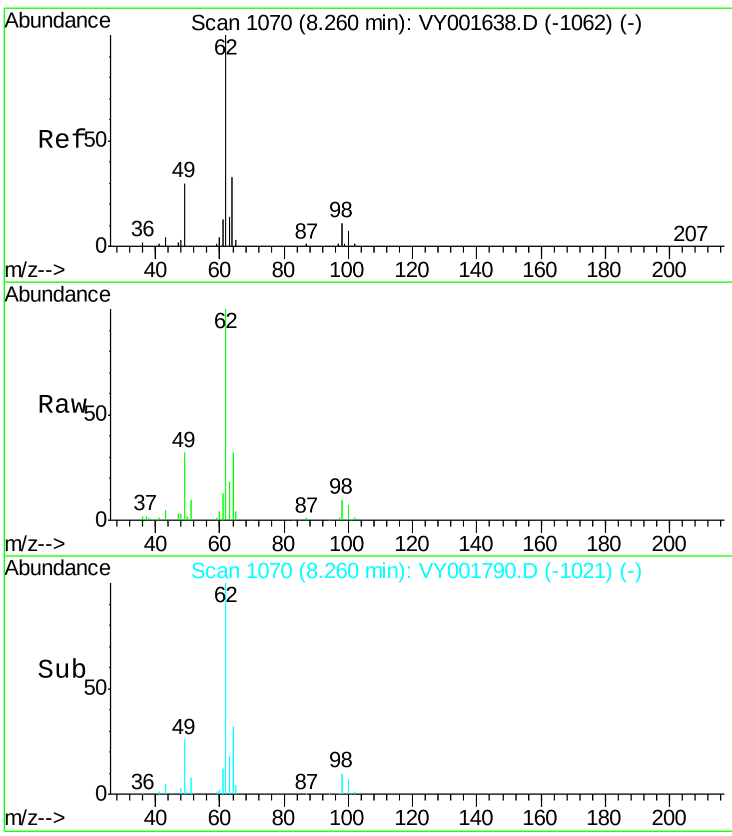
Tgt Ion: 41 Resp: 43088

Ion	Ratio	Lower	Upper
41	100		
39	0.0	36.0	54.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

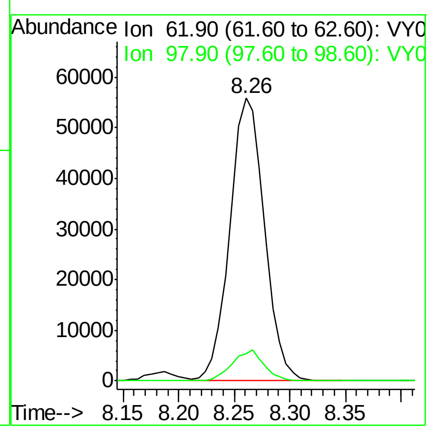


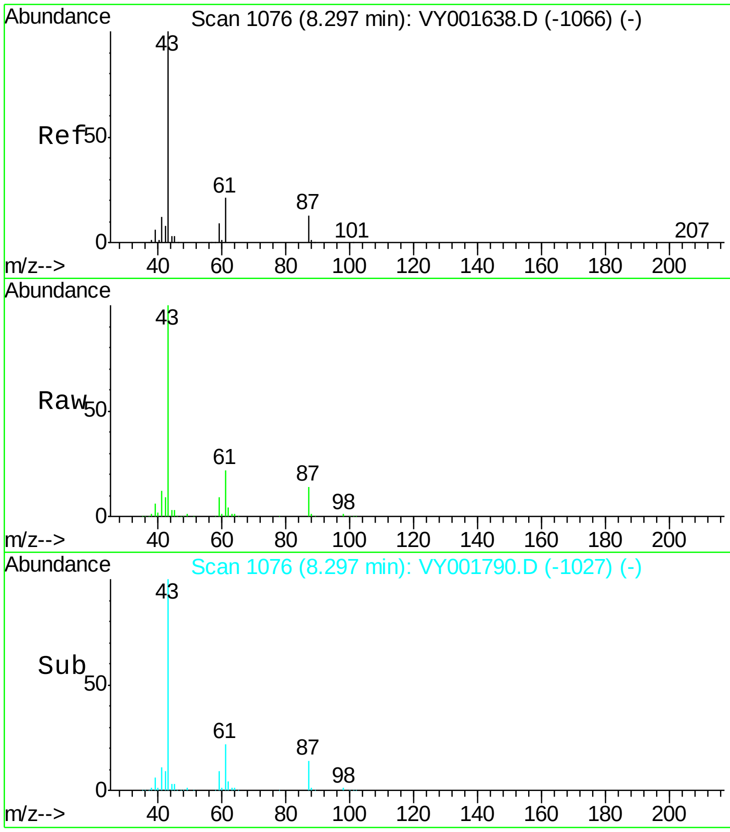


#42
1,2-Dichloroethane
Concen: 50.099 ug/l
RT: 8.26 min Scan# 1070
Delta R.T.   0.00 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

Tgt Ion: 62 Resp: 120453

Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.8





#43
Isopropyl Acetate
Concen: 52.600 ug/l
RT: 8.30 min Scan# 1076
Delta R.T. 0.00 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

Tgt Ion: 43 Resp: 178745

Ion	Ratio	Lower	Upper
43	100		
61	28.5	23.0	34.4
87	13.1	10.7	16.1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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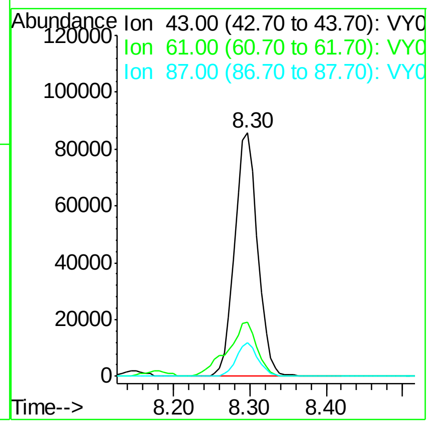
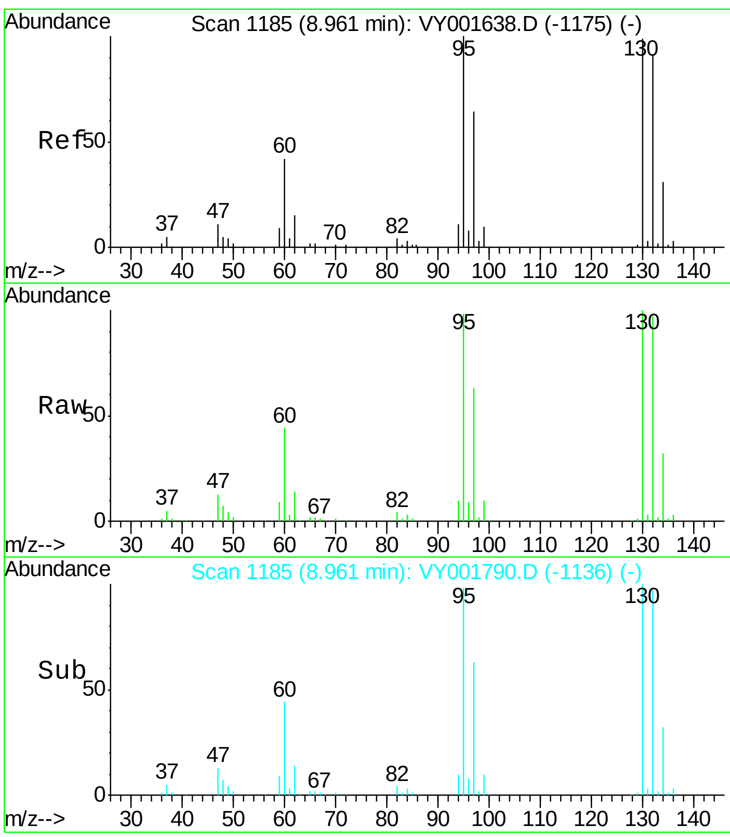
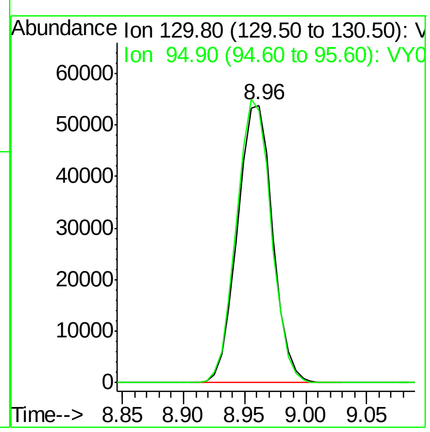


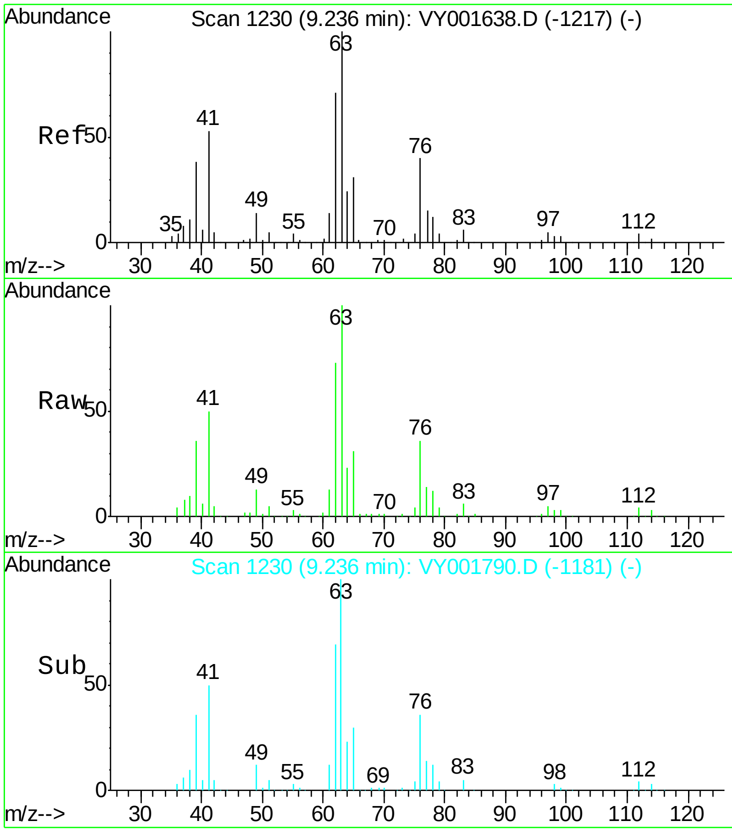


#44
Trichloroethene
Concen: 48.900 ug/l
RT: 8.96 min Scan# 1185
Delta R.T. 0.00 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

Tgt Ion:130 Resp: 107732

Ion	Ratio	Lower	Upper
130	100		
95	98.2	0.0	200.6





#45
1,2-Dichloropropane
Concen: 52.393 ug/l
RT: 9.24 min Scan# 1230
Delta R.T. 0.00 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

Tgt Ion: 63 Resp: 115801

Ion	Ratio	Lower	Upper
63	100		
65	30.7	24.6	37.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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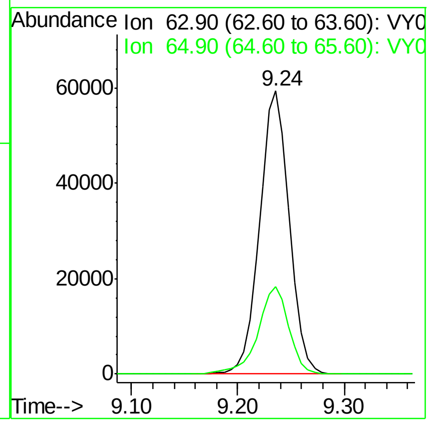
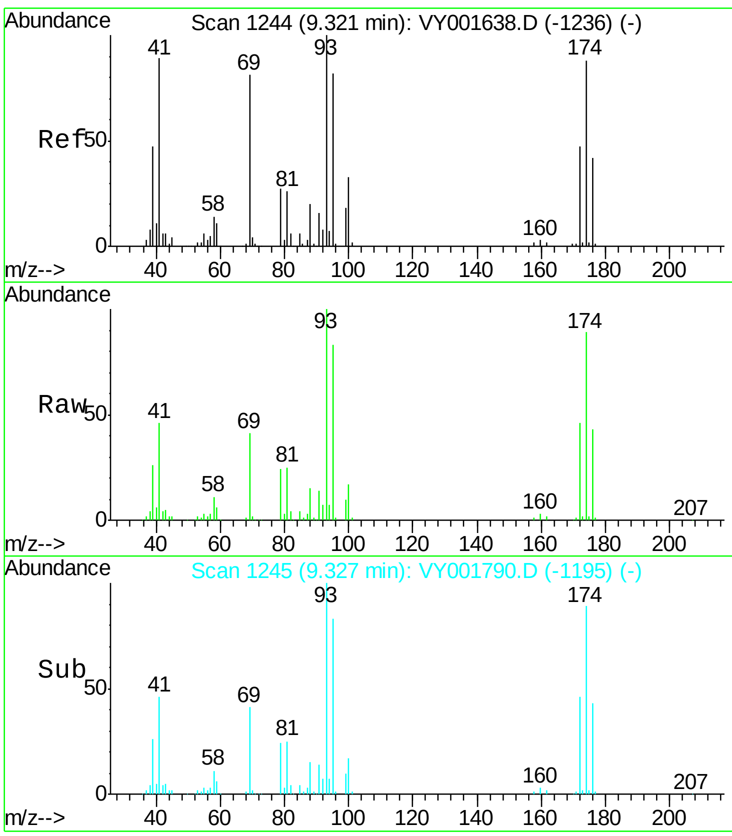
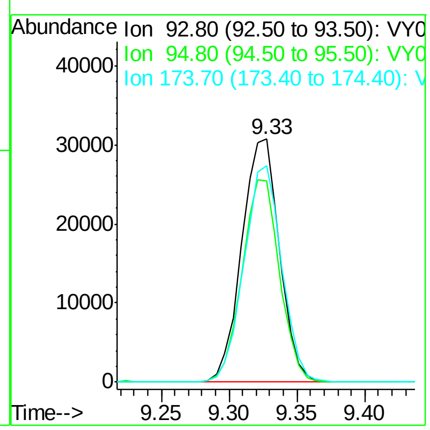


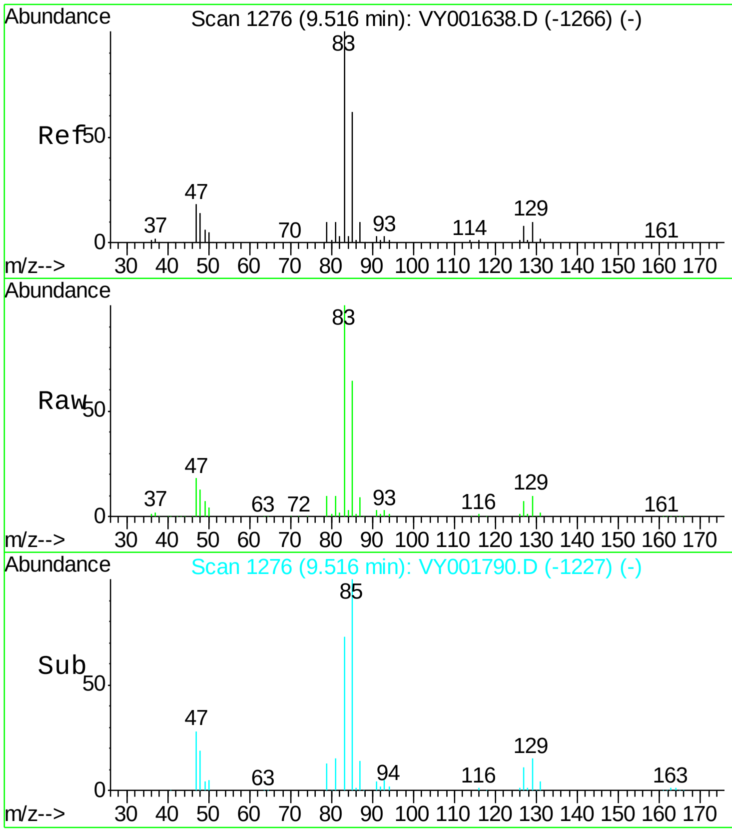


#46
Dibromomethane
Concen: 51.638 ug/l
RT: 9.33 min Scan# 1245
Delta R.T. 0.01 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

Tgt Ion: 93 Resp: 59696

Ion	Ratio	Lower	Upper
93	100		
95	82.7	66.1	99.1
174	89.0	72.5	108.7





#47
Bromodichloromethane
Concen: 50.936 ug/l
RT: 9.52 min Scan# 1276
Delta R.T. 0.00 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

Instrument : MSVOA_Y
ClientSampleId : VSTDCCC050EC

Manual Integrations APPROVED
MMDadoda
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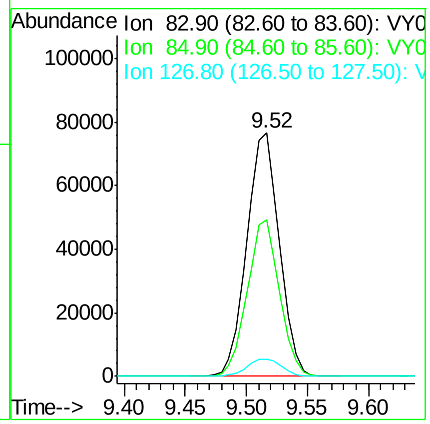
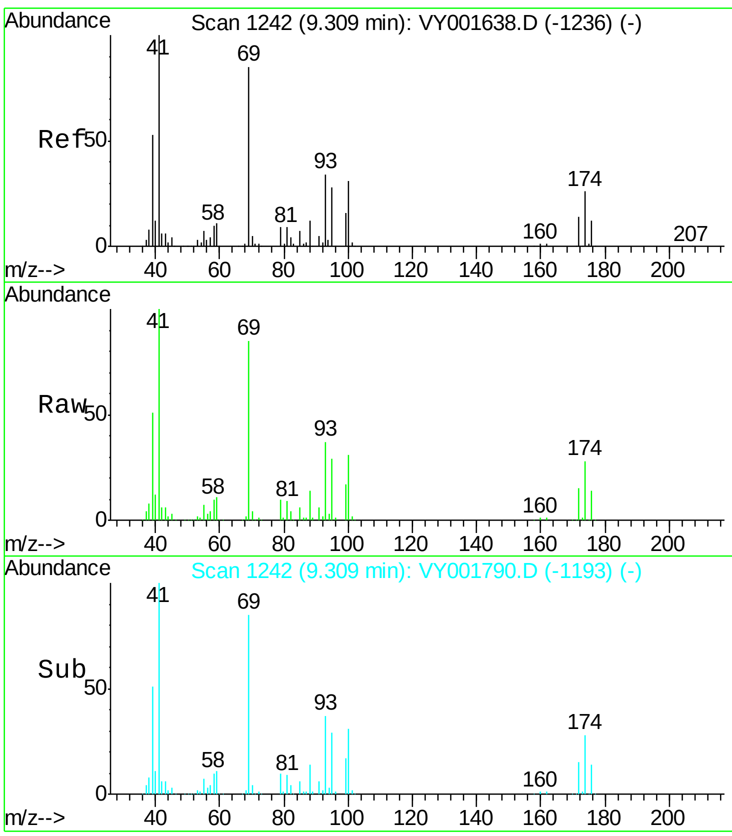
Tgt Ion: 83 Resp: 142115

Ion	Ratio	Lower	Upper
83	100		
85	64.4	51.4	77.0
127	7.1	6.4	9.6

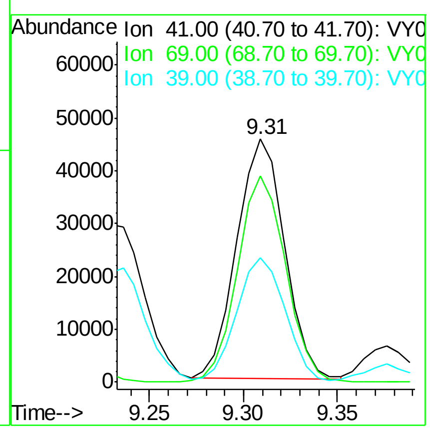


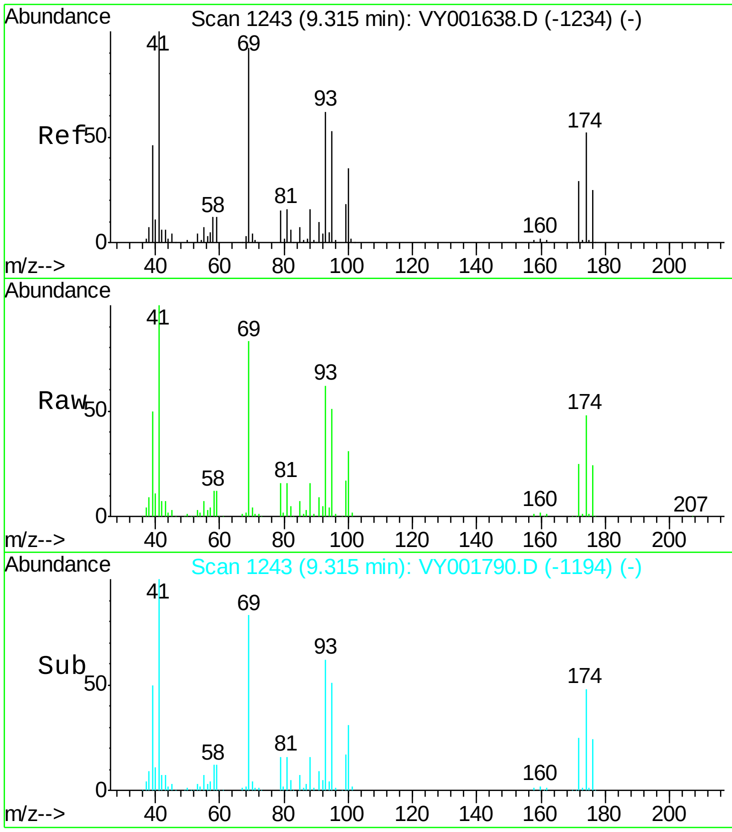


#48
Methyl methacrylate
Concen: 52.069 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.00 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

Tgt Ion: 41 Resp: 80024

Ion	Ratio	Lower	Upper
41	100		
69	86.9	70.7	106.1
39	50.9	42.2	63.2





#49
1,4-Dioxane
Concen: 1042.329 ug/l
RT: 9.32 min   Scan# 1243
Delta R.T.   0.00 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

Instrument : MSVOA_Y
ClientSampleId : VSTDCCC050EC

Manual Integrations APPROVED
MMDadoda
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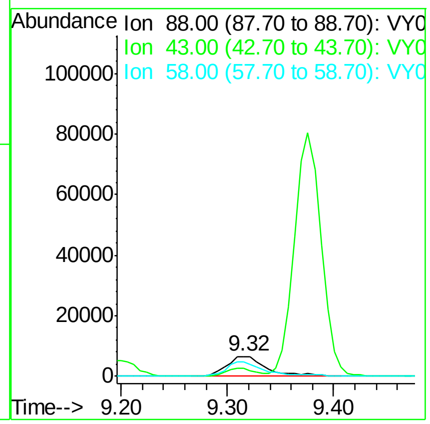
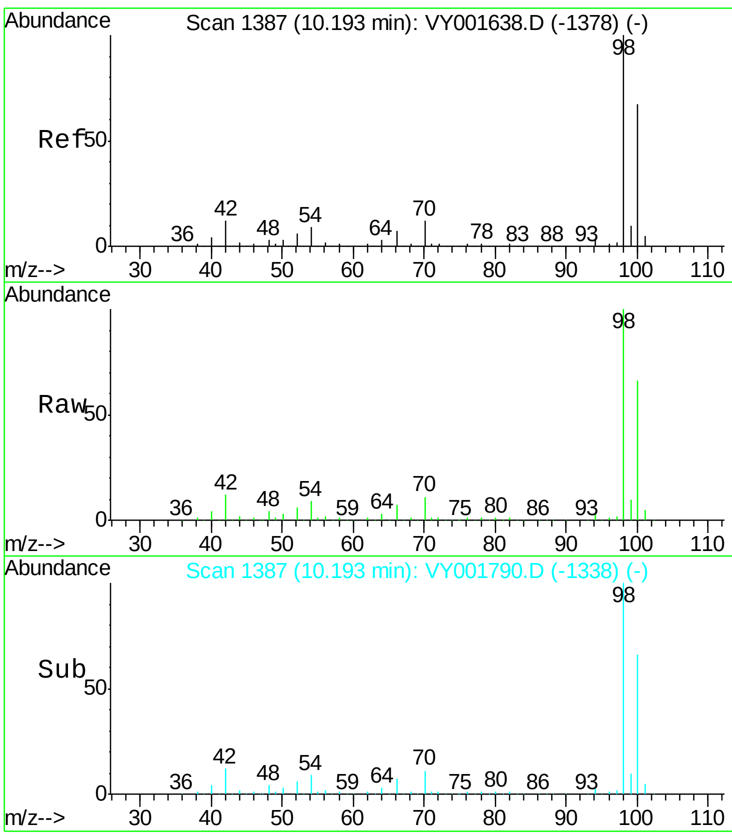
Tgt Ion: 88 Resp: 17019

Ion	Ratio	Lower	Upper
88	100		
43	30.6	23.1	34.7
58	74.0	58.1	87.1

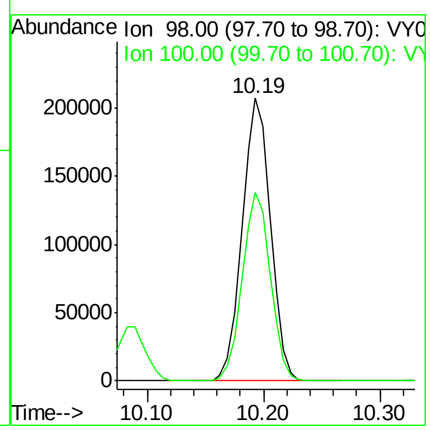


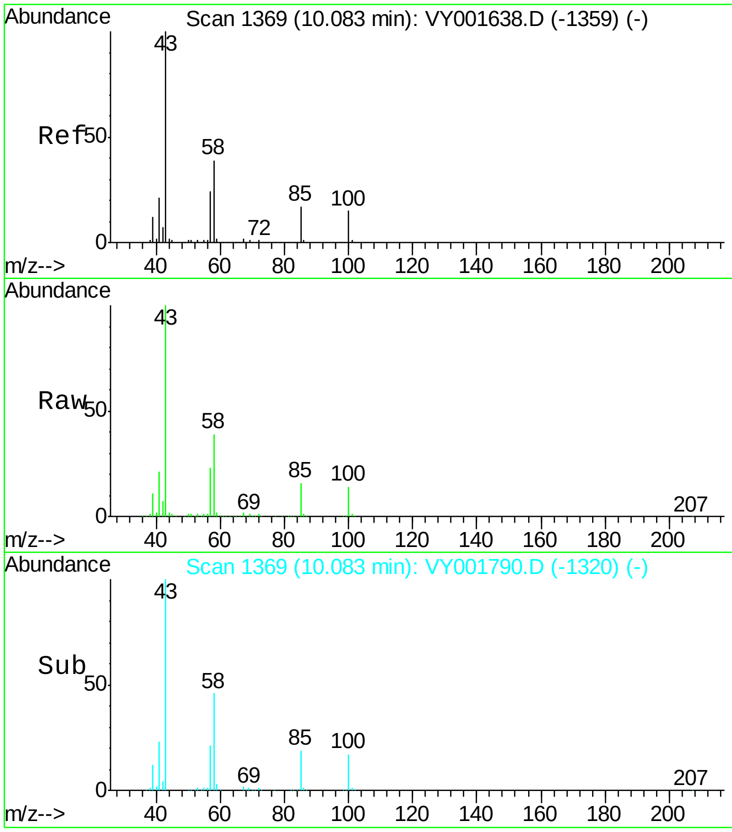


#50
Toluene-d8
Concen: 49.944 ug/l
RT: 10.19 min   Scan# 1387
Delta R.T.   0.00 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

Tgt Ion: 98 Resp: 352065

Ion	Ratio	Lower	Upper
98	100		
100	66.4	53.0	79.4





#51
4-Methyl-2-Pentanone
Concen: 267.202 ug/l
RT: 10.08 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

Instrument : MSVOA_Y
ClientSampleId : VSTDCCC050EC

Manual Integrations APPROVED
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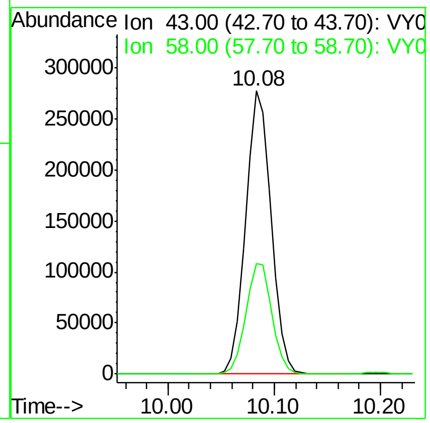
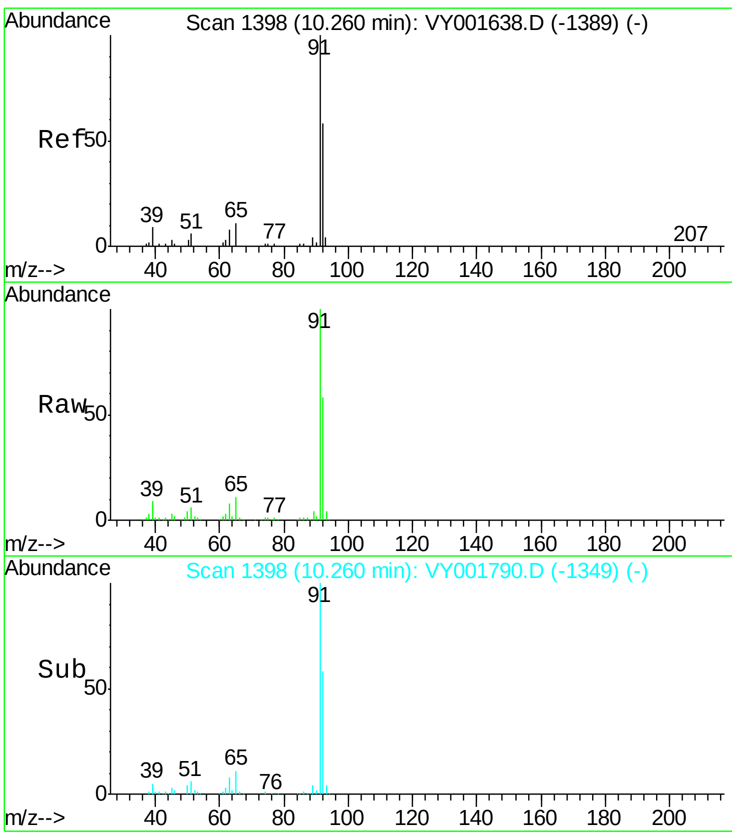
Tgt Ion: 43 Resp: 466524

Ion	Ratio	Lower	Upper
43	100		
58	39.8	32.2	48.4

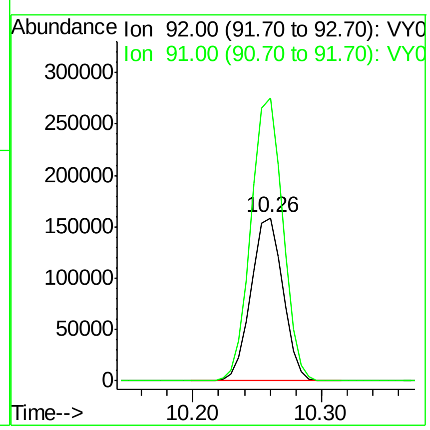


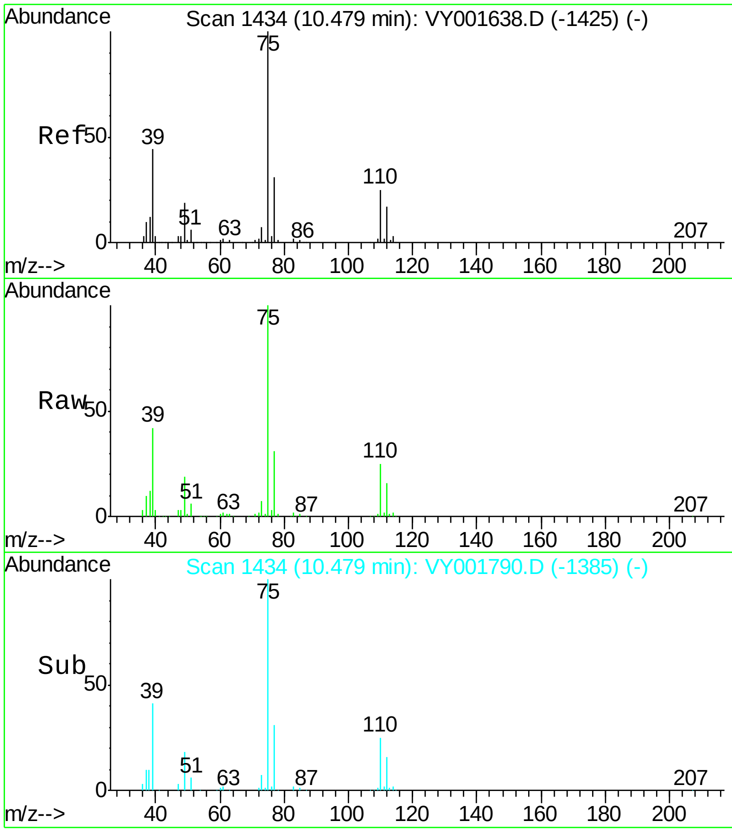


#52
Toluene
Concen: 49.245 ug/l
RT: 10.26 min Scan# 1398
Delta R.T. 0.00 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

Tgt Ion: 92 Resp: 271098

Ion	Ratio	Lower	Upper
92	100		
91	173.8	137.0	205.6





#53
t-1,3-Dichloropropene
Concen: 50.752 ug/l
RT: 10.48 min   Scan# 1434
Delta R.T.   0.00 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

Tgt Ion: 75 Resp: 156540

Ion	Ratio	Lower	Upper
75	100		
77	31.0	25.2	37.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
MMDadoda
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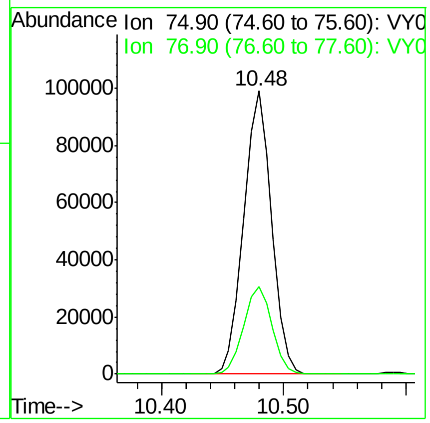
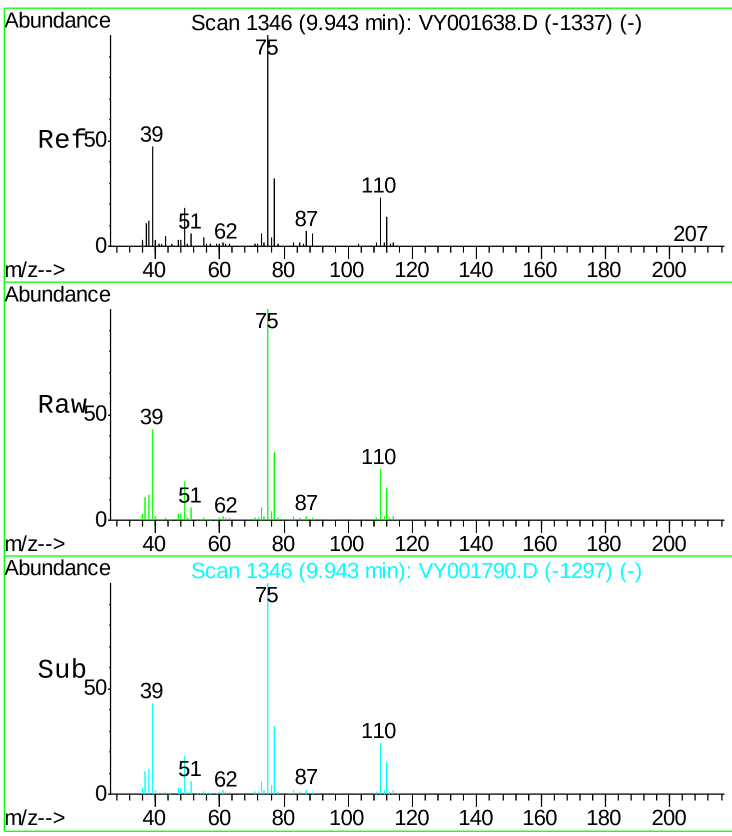
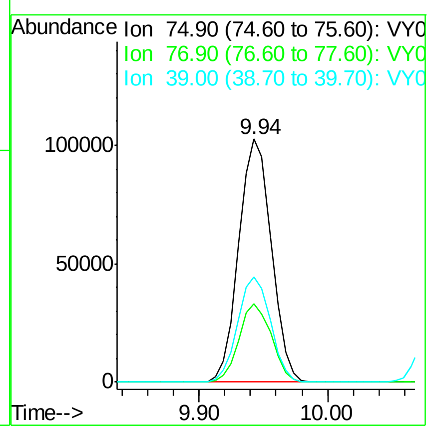


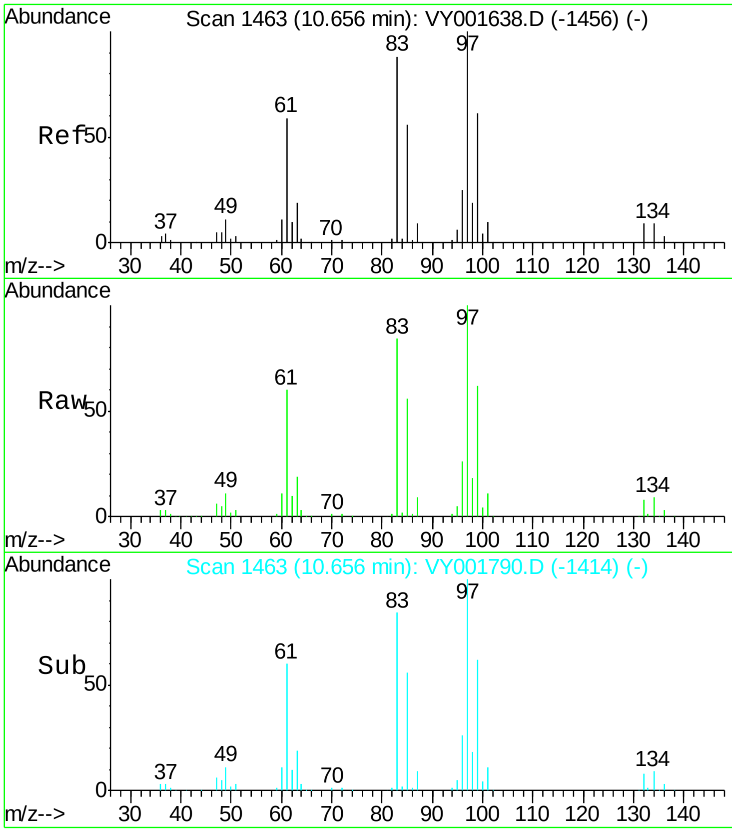


#54
cis-1,3-Dichloropropene
Concen: 50.727 ug/l
RT: 9.94 min   Scan# 1346
Delta R.T.   0.00 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

Tgt Ion: 75 Resp: 180081

Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.7	38.5
39	43.2	35.7	53.5

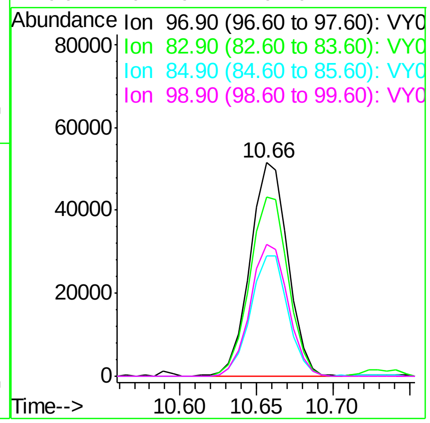




#55
1,1,2-Trichloroethane
Concen: 52.064 ug/l
RT: 10.66 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

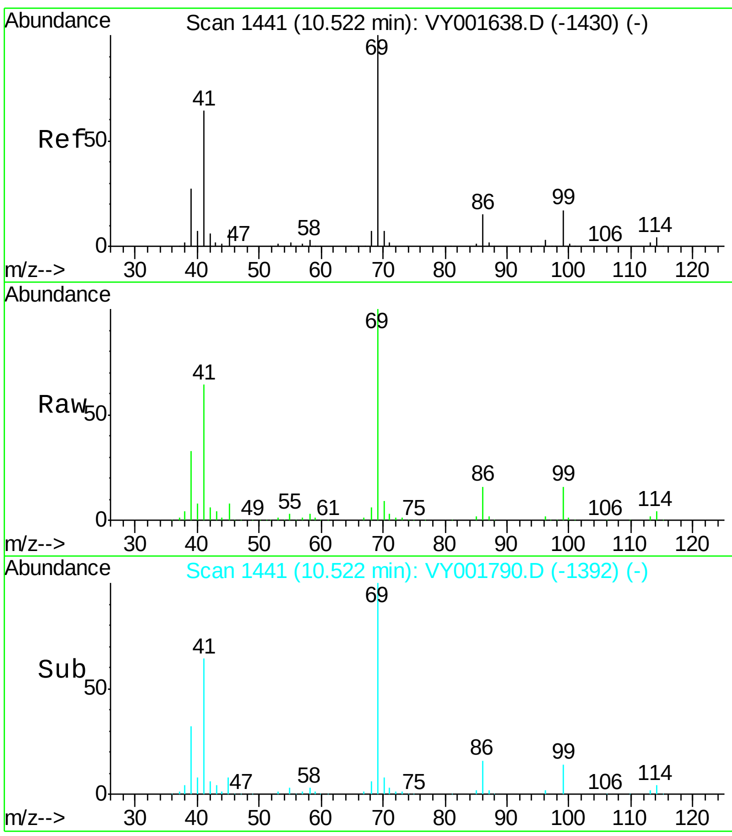
Tgt Ion: 97 Resp: 88749

Ion	Ratio	Lower	Upper
97	100		
83	84.2	69.7	104.5
85	56.4	44.5	66.7
99	61.9	49.6	74.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

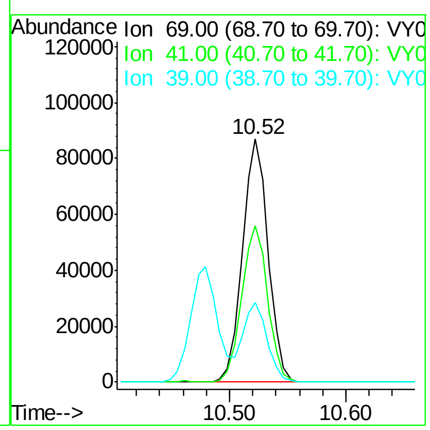
Manual Integrations APPROVED
MMDadoda
2/27/2020 10:45:37 AM

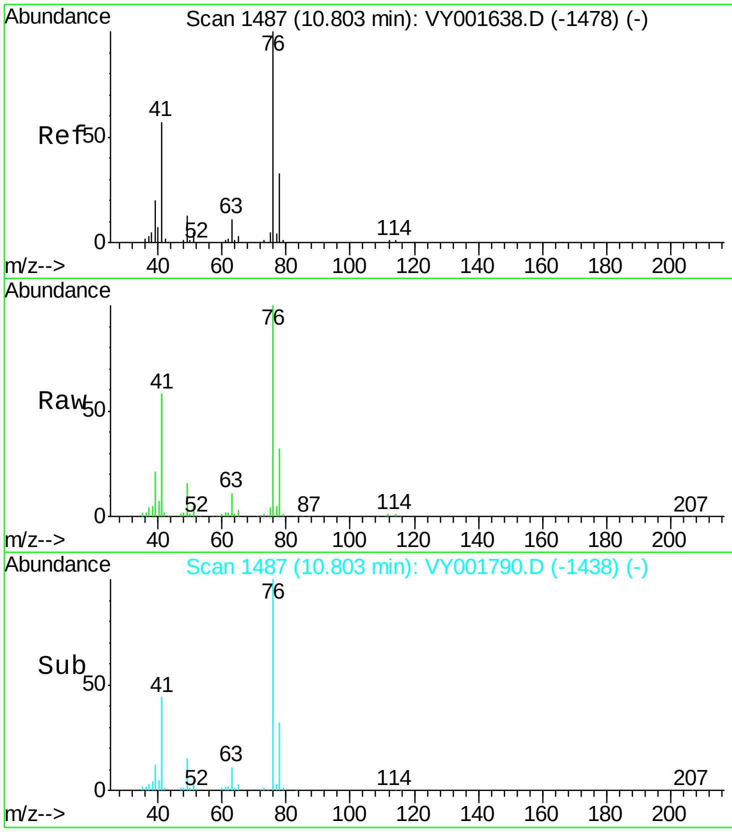


#56
Ethyl methacrylate
Concen: 52.244 ug/l
RT: 10.52 min Scan# 1441
Delta R.T. 0.00 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

Tgt Ion: 69 Resp: 133601

Ion	Ratio	Lower	Upper
69	100		
41	65.1	51.0	76.4
39	29.9	24.7	37.1





#57
1,3-Dichloropropane
Concen: 51.640 ug/l
RT: 10.80 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
MMDadoda
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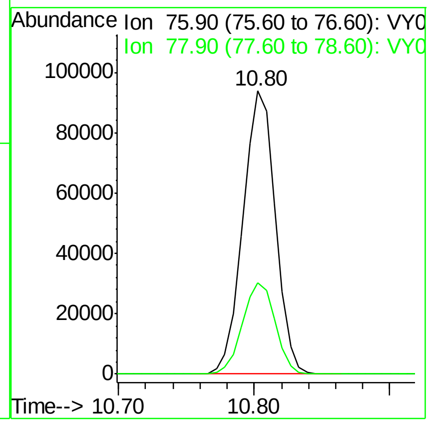
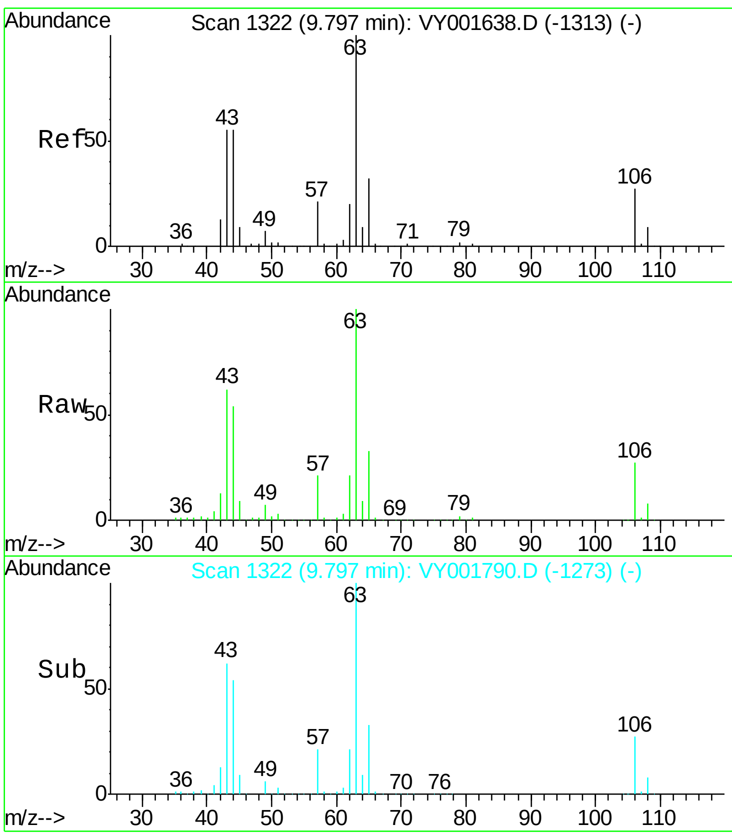
Tgt Ion: 76 Resp: 156408

Ion	Ratio	Lower	Upper
76	100		
78	32.6	25.7	38.5

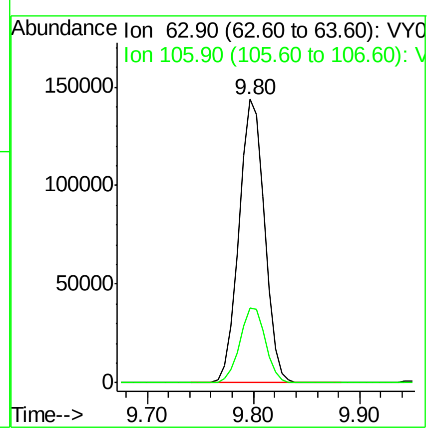


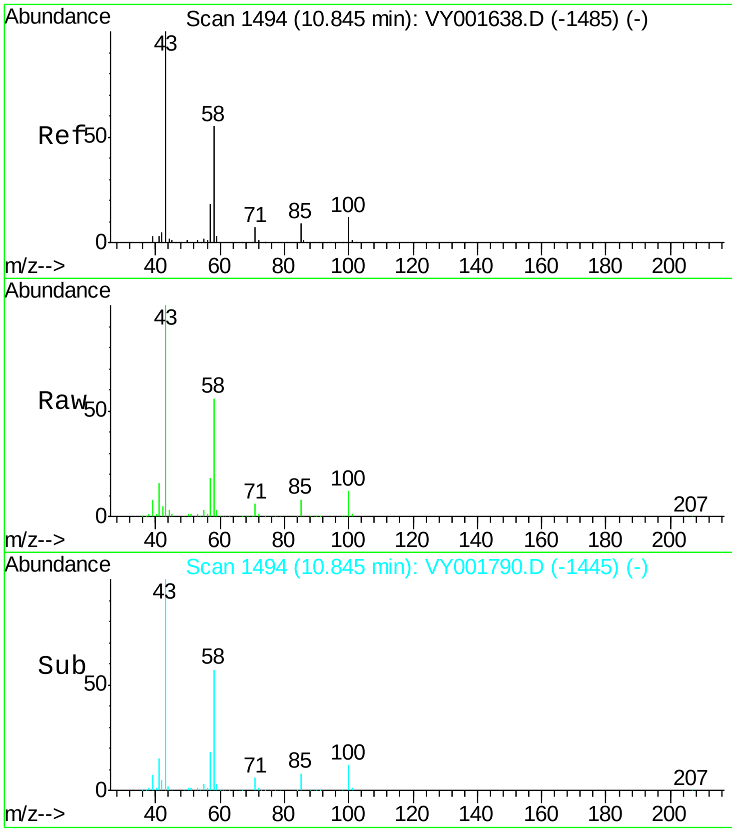


#58
2-Chloroethyl Vinyl ether
Concen: 253.828 ug/l
RT: 9.80 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

Tgt Ion: 63 Resp: 243830

Ion	Ratio	Lower	Upper
63	100		
106	26.7	21.6	32.4





#59
2-Hexanone
Concen: 252.846 ug/l
RT: 10.85 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 331234

Ion	Ratio	Lower	Upper
43	100		
58	56.4	28.4	85.2

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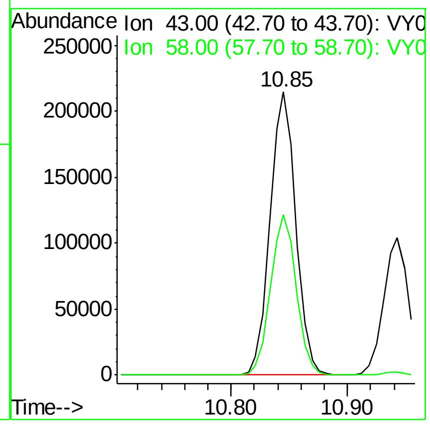
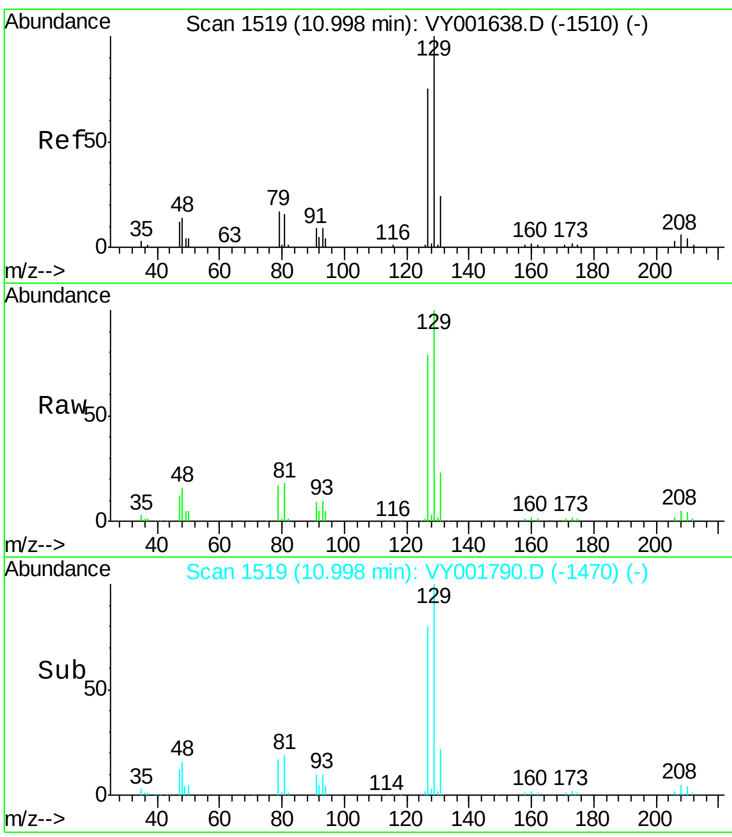
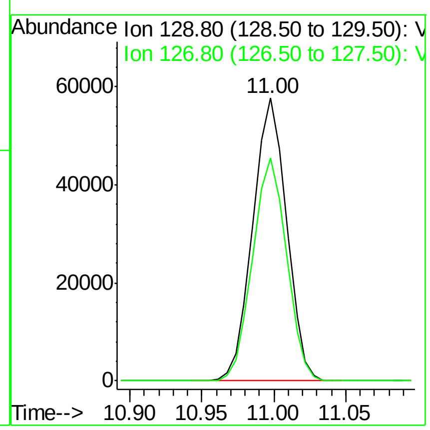


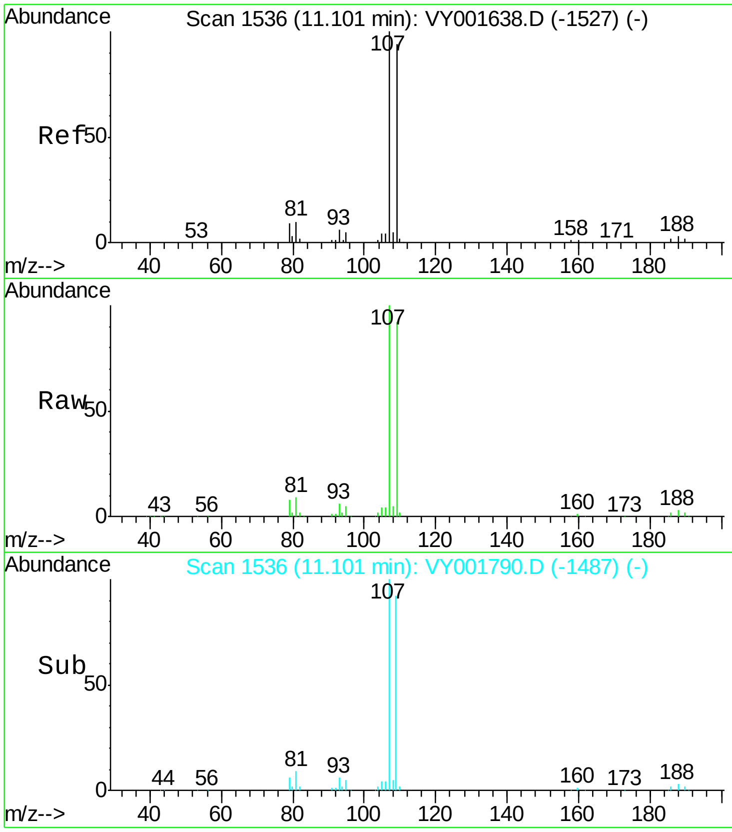


#60
Dibromochloromethane
Concen: 50.060 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. 0.00 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

Tgt Ion:129 Resp: 94081

Ion	Ratio	Lower	Upper
129	100		
127	79.0	38.9	116.6





#61
1,2-Dibromoethane
Concen: 52.184 ug/l
RT: 11.10 min Scan# 1536
Delta R.T.   0.00 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:107 Resp: 84109

Ion	Ratio	Lower	Upper
107	100		
109	93.5	74.2	111.4

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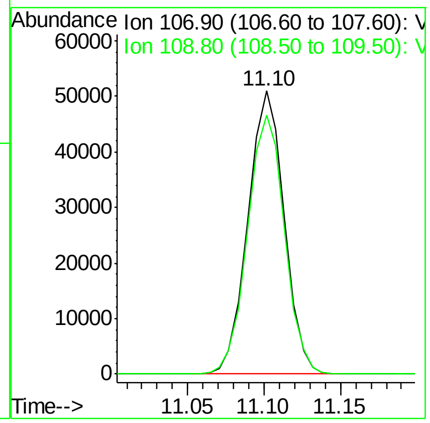
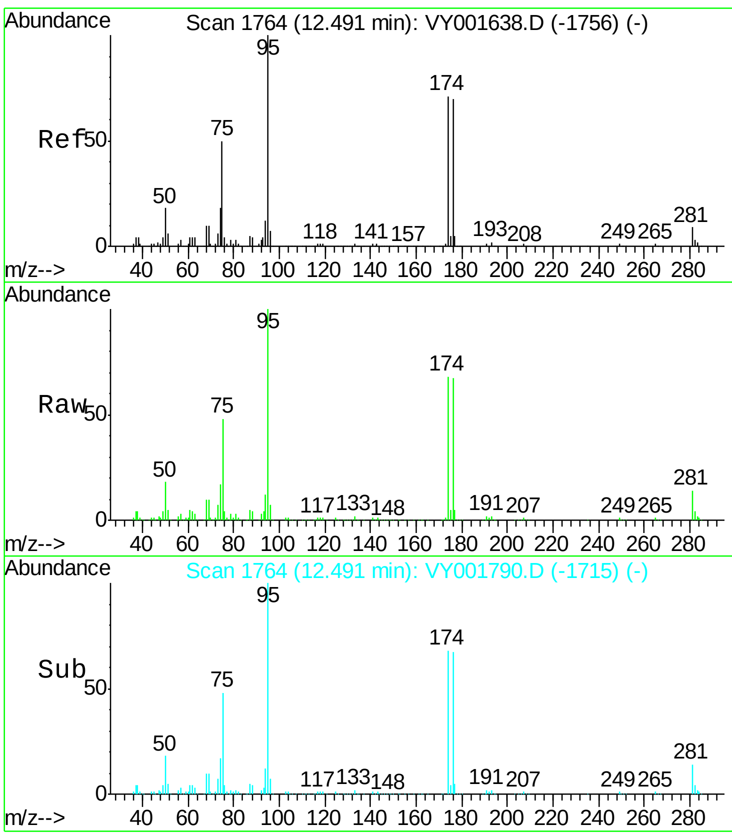
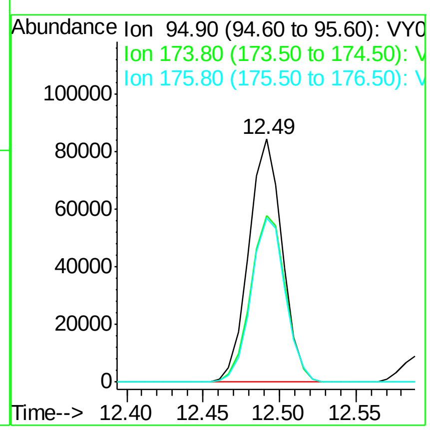


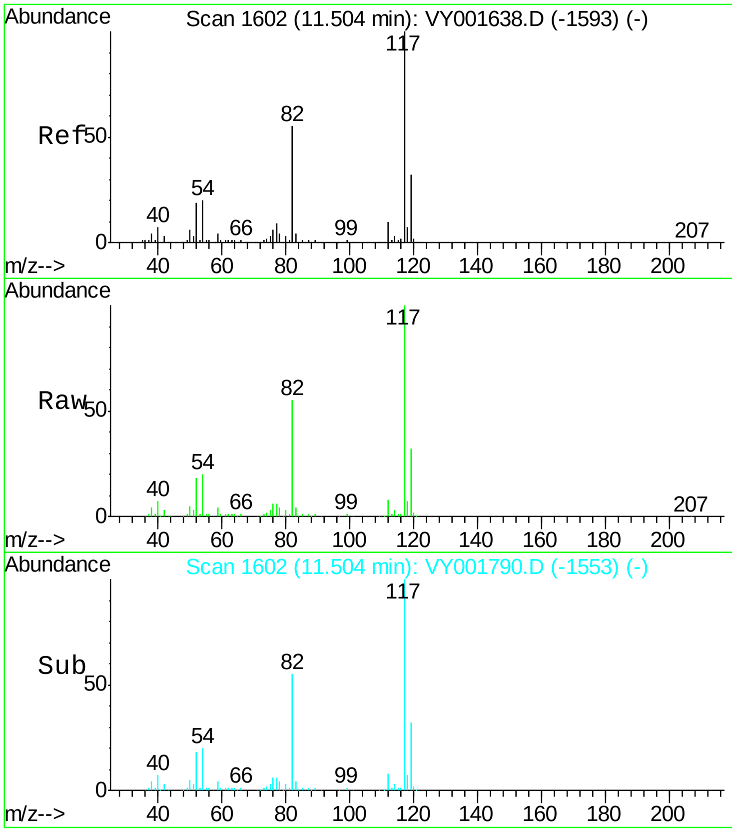


#62
4-Bromofluorobenzene
Concen: 47.100 ug/l
RT: 12.49 min Scan# 1764
Delta R.T.   0.00 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

Tgt Ion: 95 Resp: 128985

Ion	Ratio	Lower	Upper
95	100		
174	71.2	0.0	138.4
176	69.2	0.0	131.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 287895

Ion	Ratio	Lower	Upper
117	100		
82	55.2	45.5	68.3
119	31.5	25.8	38.6

Manual Integrations APPROVED
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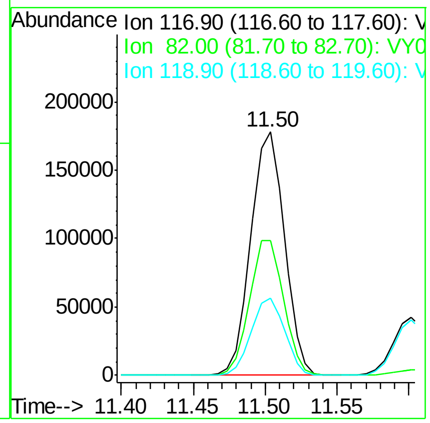
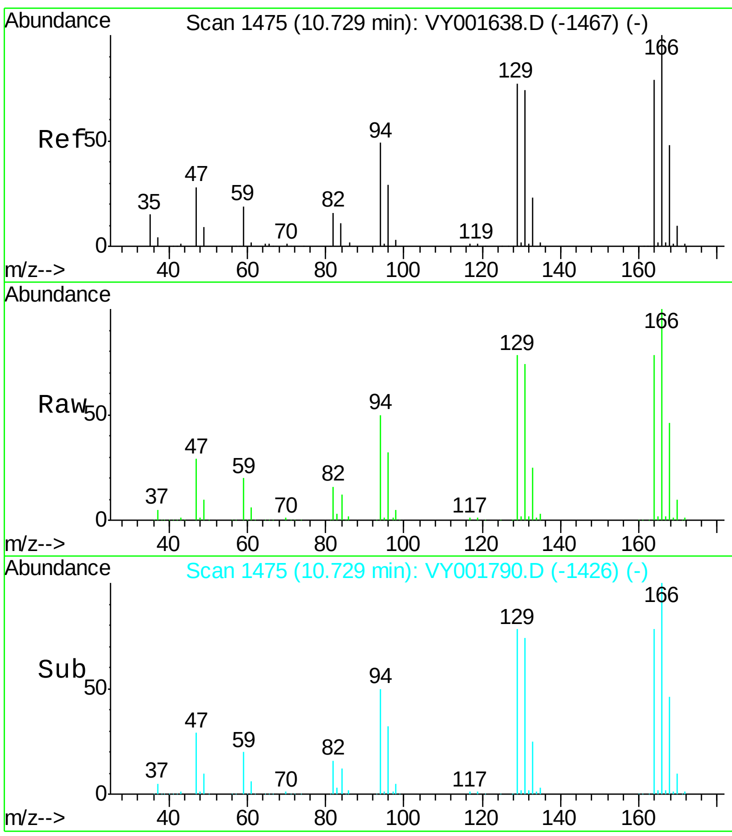
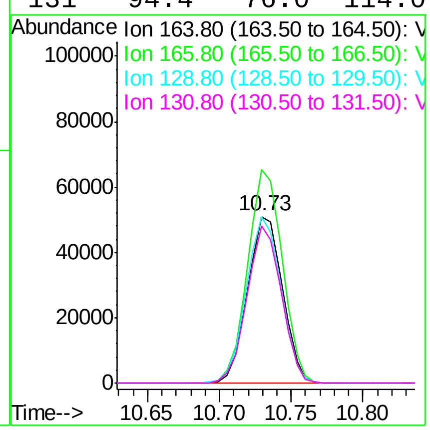


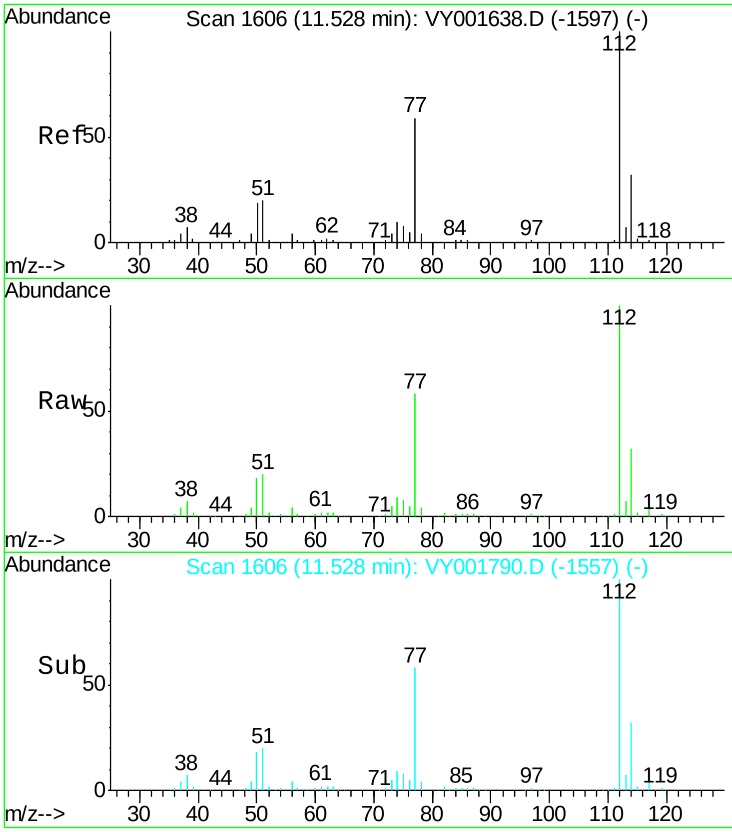


#64
Tetrachloroethene
Concen: 47.192 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. 0.00 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

Tgt Ion:164 Resp: 85290

Ion	Ratio	Lower	Upper
164	100		
166	128.1	101.4	152.0
129	99.8	78.7	118.1
131	94.4	76.0	114.0





#65
Chlorobenzene
Concen: 49.192 ug/l
RT: 11.53 min Scan# 1606
Delta R.T. 0.00 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

Tgt Ion:112 Resp: 282745

Ion	Ratio	Lower	Upper
112	100		
114	32.3	25.4	38.2

Instrument : MSVOA_Y
ClientSampleId : VSTDCCC050EC

Manual Integrations APPROVED
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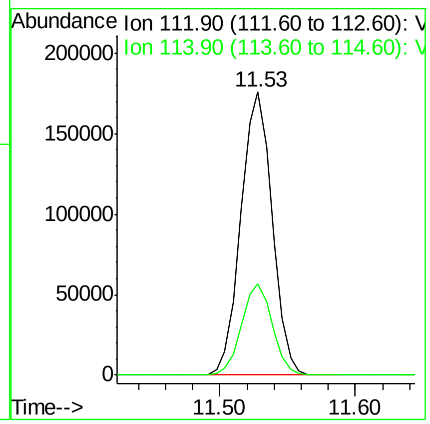
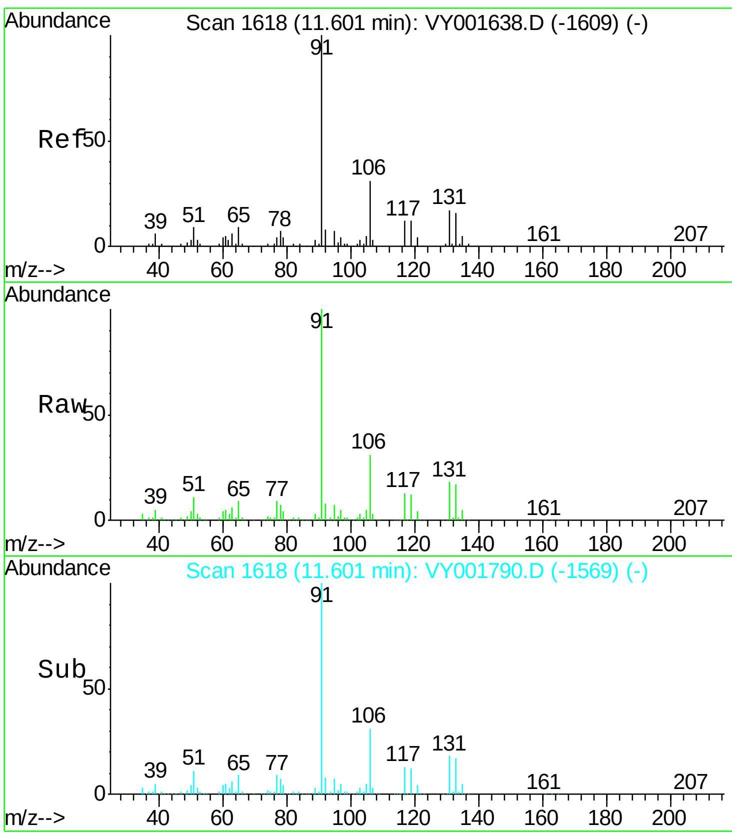
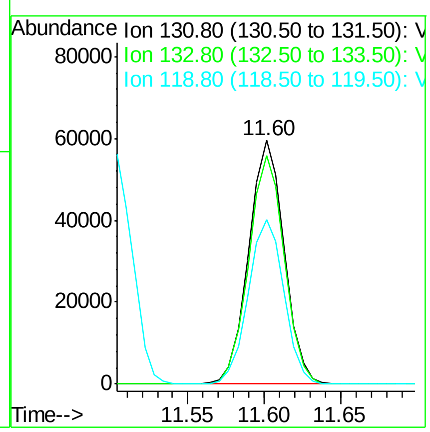


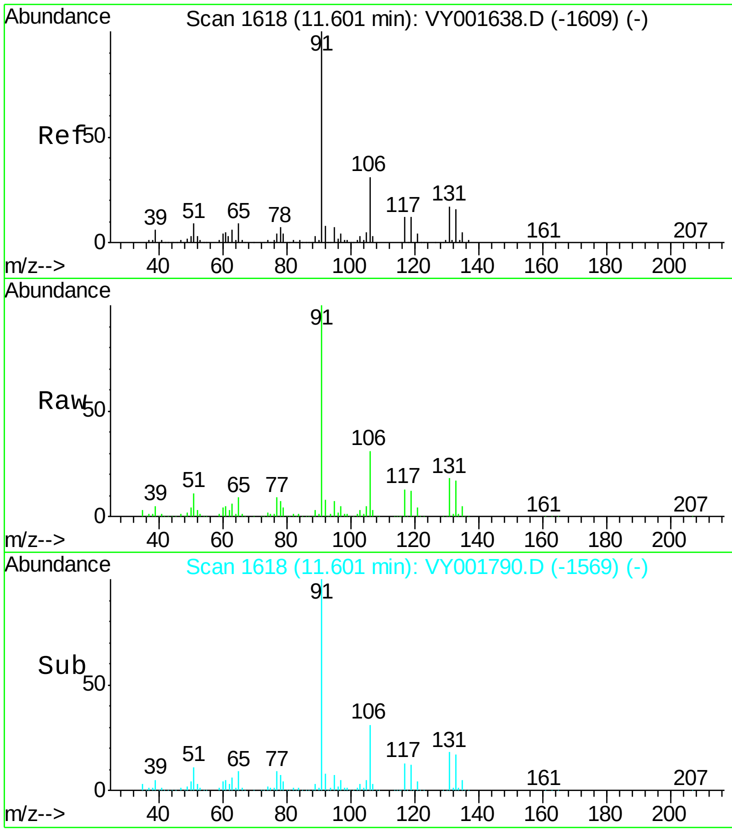


#66
1,1,1,2-Tetrachloroethane
Concen: 49.457 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

Tgt Ion:131 Resp: 95892

Ion	Ratio	Lower	Upper
131	100		
133	93.9	47.4	142.2
119	68.3	34.4	103.1





#67
Ethyl Benzene
Concen: 49.144 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 524191

Ion	Ratio	Lower	Upper
91	100		
106	30.7	24.5	36.7

Manual Integrations APPROVED

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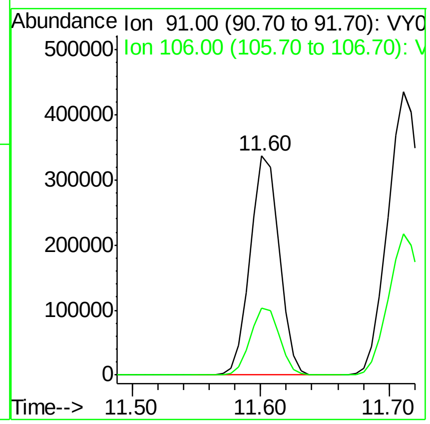
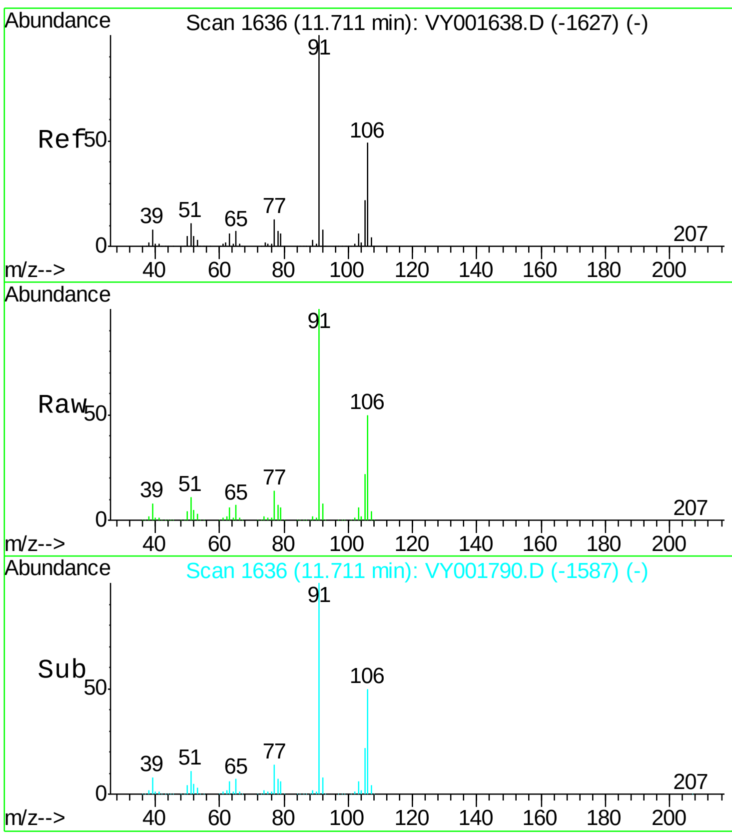
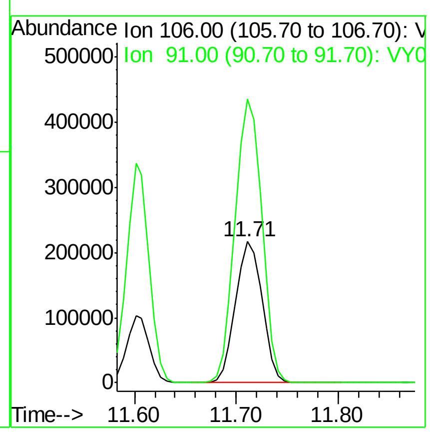


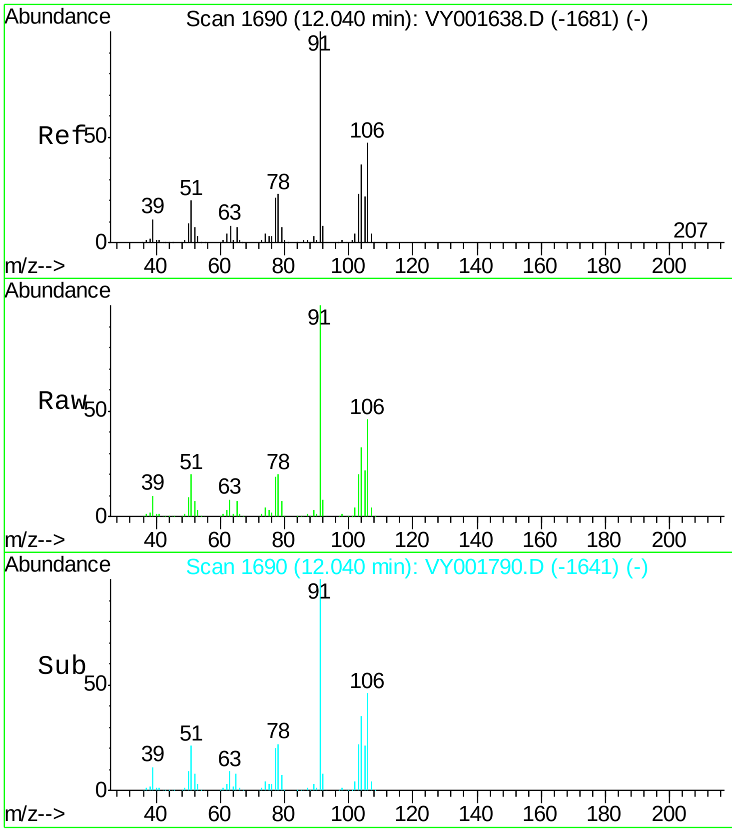


#68
m/p-Xylenes
Concen: 98.613 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

Tgt Ion:106 Resp: 392916

Ion	Ratio	Lower	Upper
106	100		
91	201.9	163.3	244.9





#69
o-Xylene
Concen: 49.294 ug/l
RT: 12.04 min   Scan# 1690
Delta R.T.   0.00 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

Tgt Ion:106 Resp: 186723

Ion	Ratio	Lower	Upper
106	100		
91	212.4	108.3	324.9

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
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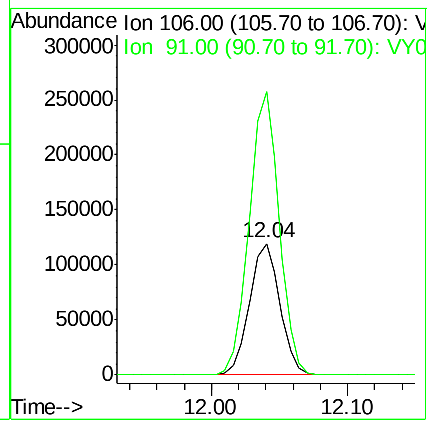
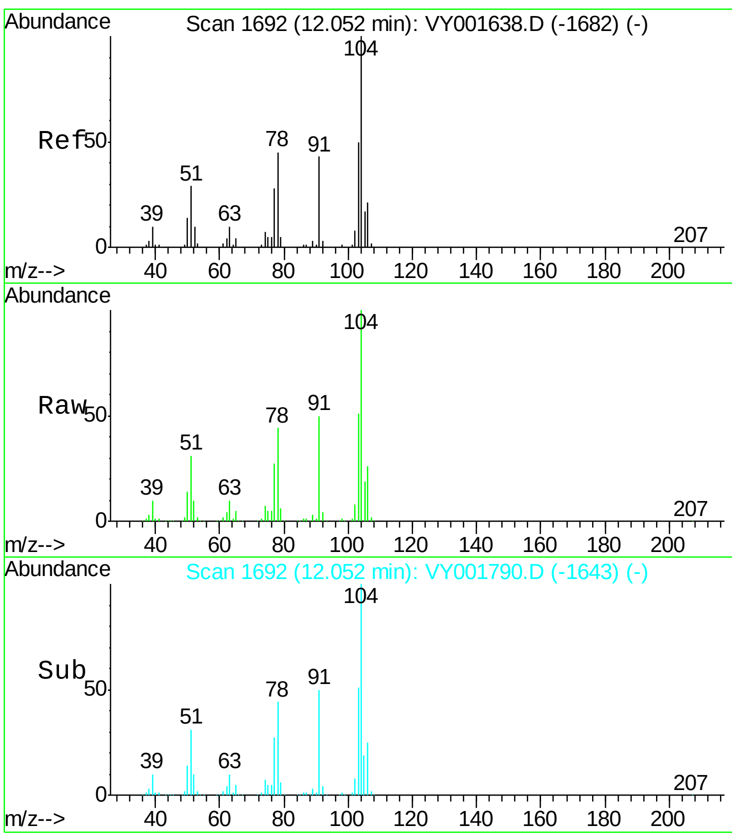
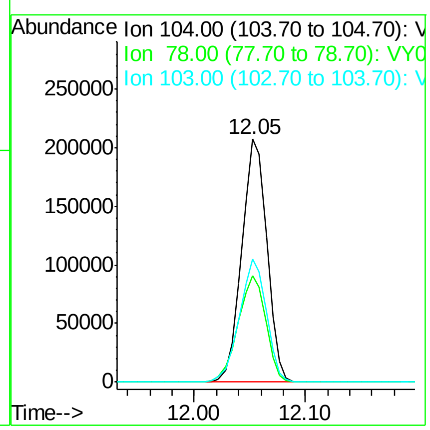


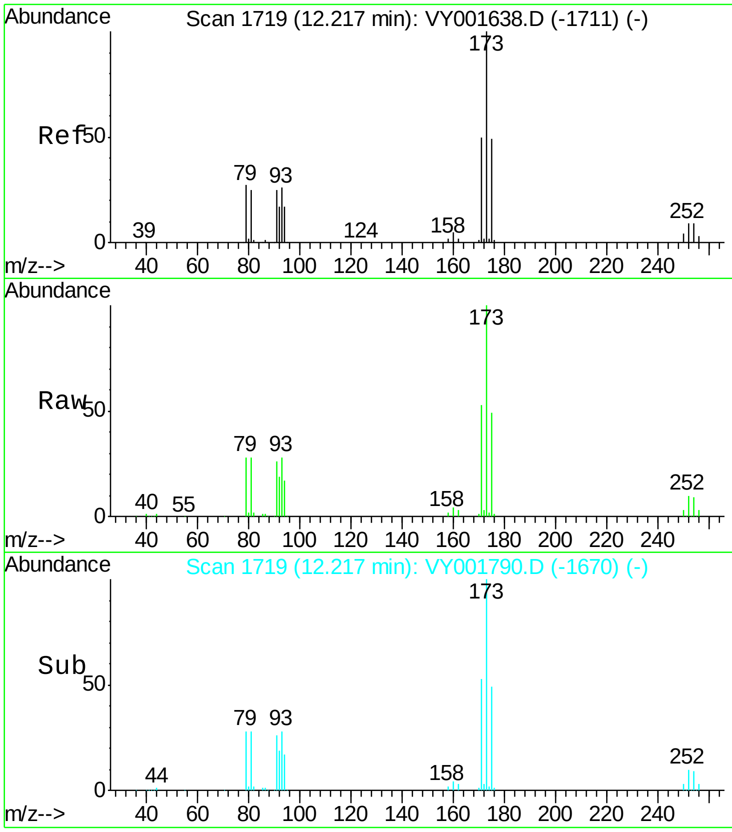


#70
Styrene
Concen: 49.531 ug/l
RT: 12.05 min   Scan# 1692
Delta R.T.   0.00 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

Tgt Ion:104 Resp: 326075

Ion	Ratio	Lower	Upper
104	100		
78	48.1	39.2	58.8
103	53.8	43.0	64.6



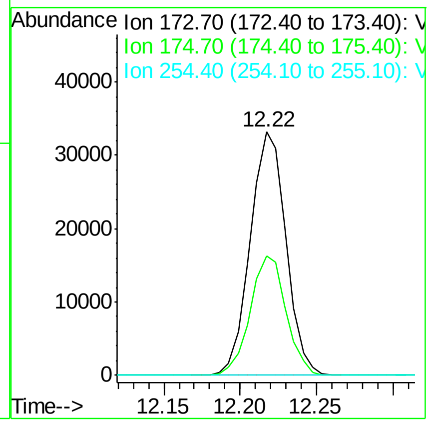


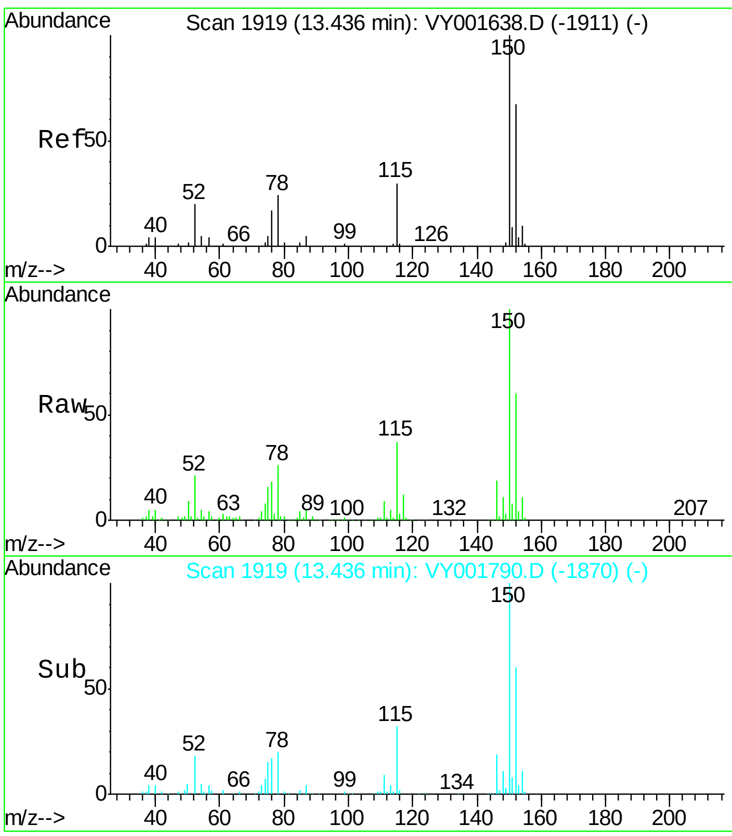

```
#71
Bromoform
Concen:   48.801 ug/l
RT: 12.22 min  Scan# 1719
Delta R.T.   0.00 min
Lab File:   VY001790.D
Acq: 26 Feb 2020  18:20

Tgt Ion:173 Resp:   54074
Ion  Ratio  Lower  Upper
173  100
175   49.1   24.3   73.0
254    0.0    0.1    0.1#
```

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

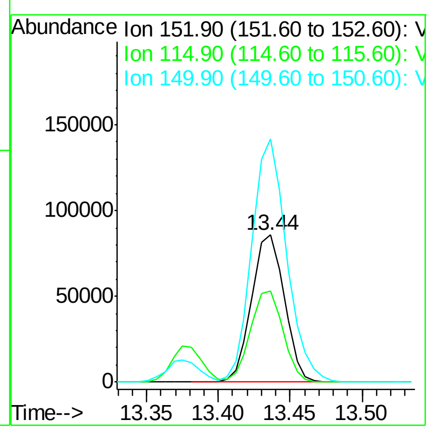
Manual Integrations APPROVED
MMDadoda
2/27/2020 10:45:37 AM

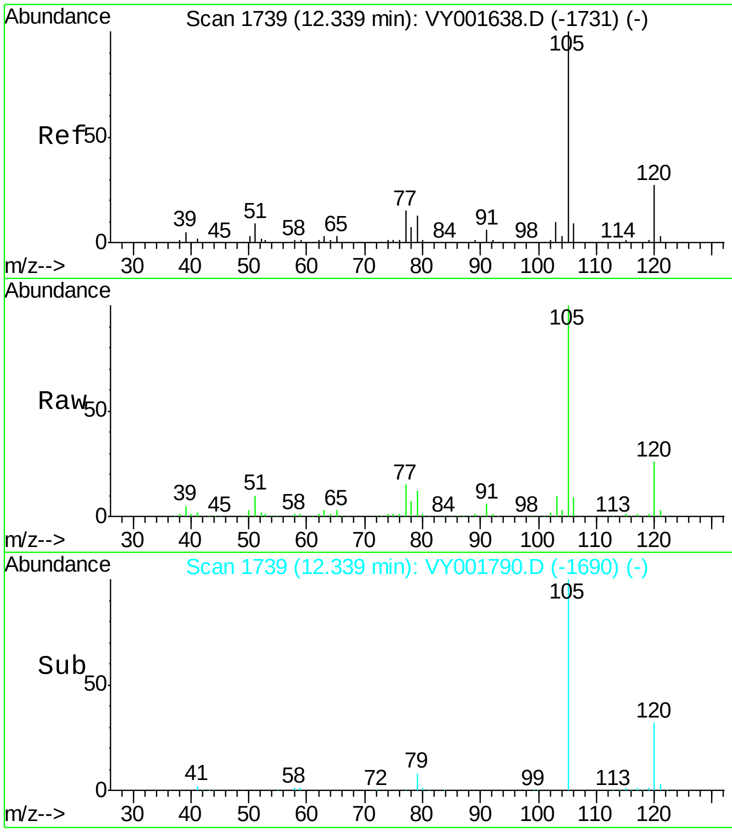





```
#72
1,4-Dichlorobenzene-d4
Concen:   50.000 ug/l
RT: 13.44 min  Scan# 1919
Delta R.T.   0.00 min
Lab File:   VY001790.D
Acq: 26 Feb 2020  18:20

Tgt Ion:152 Resp:  135209
Ion  Ratio  Lower  Upper
152  100
115   61.0   31.4   94.2
150  175.3    0.0  407.2
```





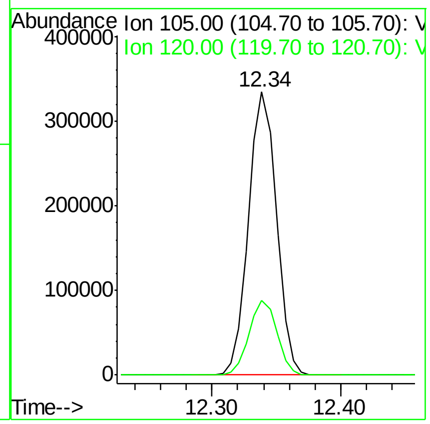
#73
Isopropylbenzene
Concen: 48.549 ug/l
RT: 12.34 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

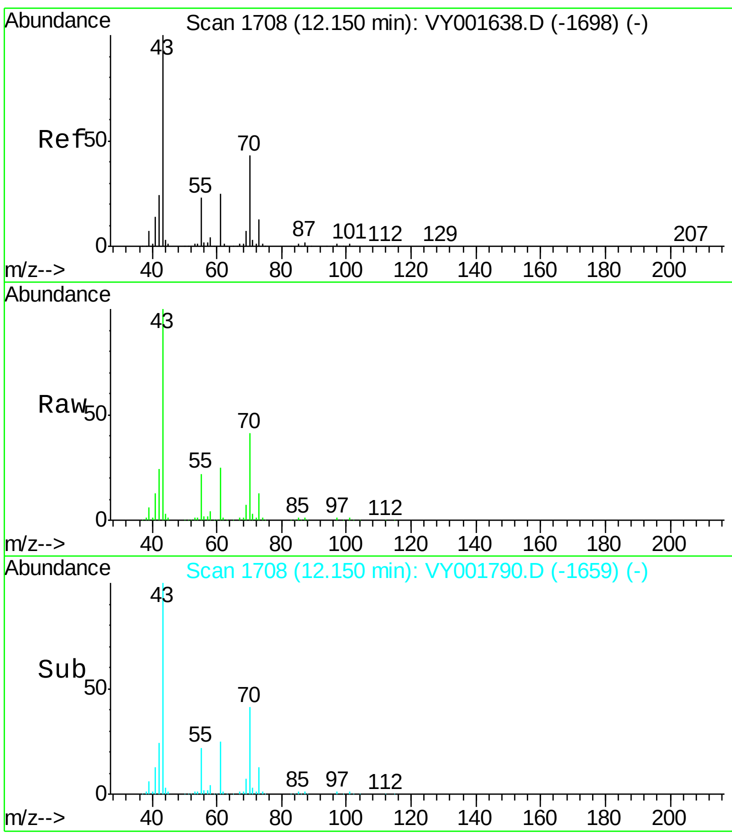
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
MMDadoda
2/27/2020 10:45:37 AM

Tgt Ion:105 Resp: 500080

Ion	Ratio	Lower	Upper
105	100		
120	26.4	13.4	40.1

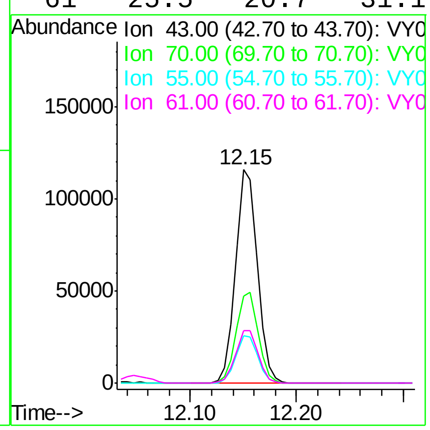


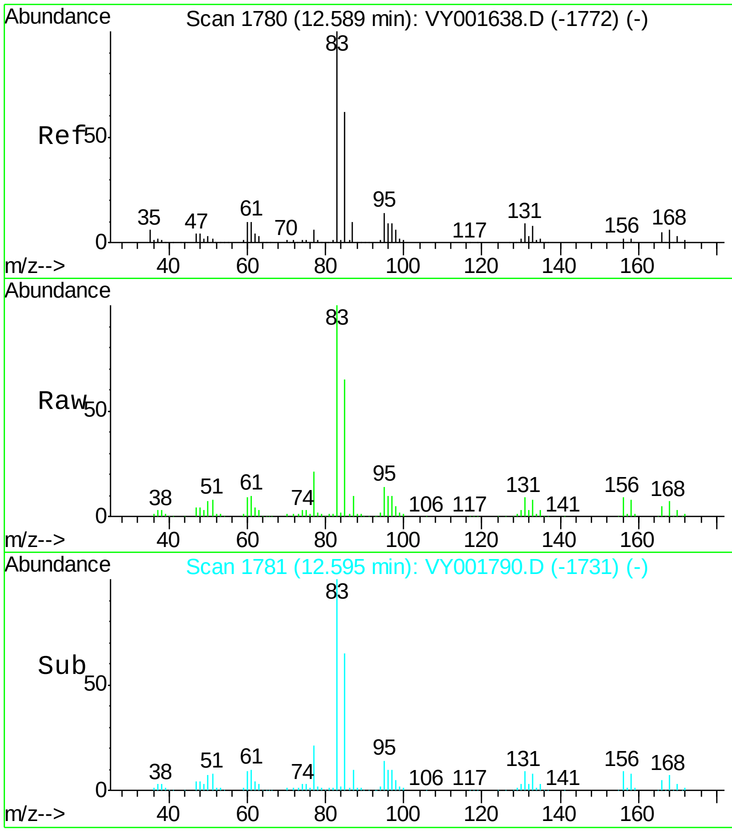


#74
N-amyl acetate
Concen: 50.908 ug/l
RT: 12.15 min Scan# 1708
Delta R.T. 0.00 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

Tgt Ion: 43 Resp: 167352

Ion	Ratio	Lower	Upper
43	100		
70	43.1	35.9	53.9
55	22.7	18.3	27.5
61	25.5	20.7	31.1





#75
1,1,2,2-Tetrachloroethane
Concen: 52.141 ug/l
RT: 12.59 min Scan# 1781
Delta R.T. 0.01 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

Instrument : MSVOA_Y
ClientSampleId : VSTDCCC050EC

Manual Integrations APPROVED
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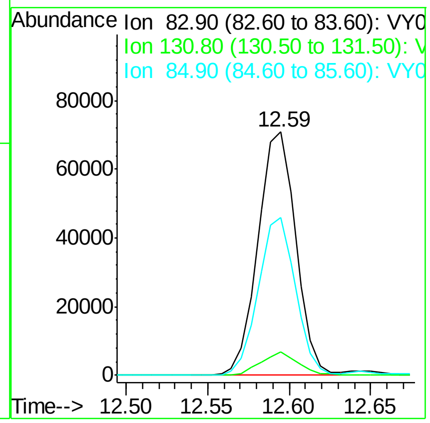
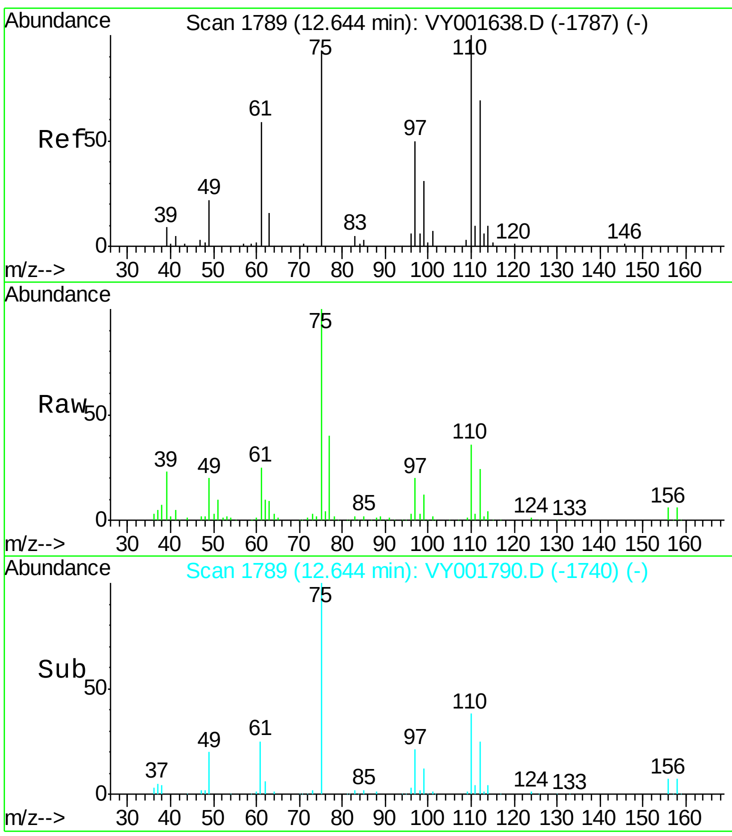
Tgt Ion: 83 Resp: 114678

Ion	Ratio	Lower	Upper
83	100		
131	9.3	4.7	14.1
85	63.9	31.6	94.7

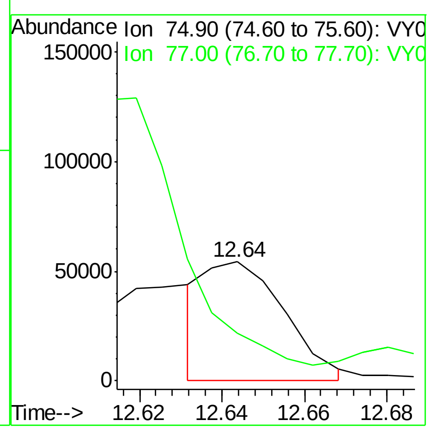


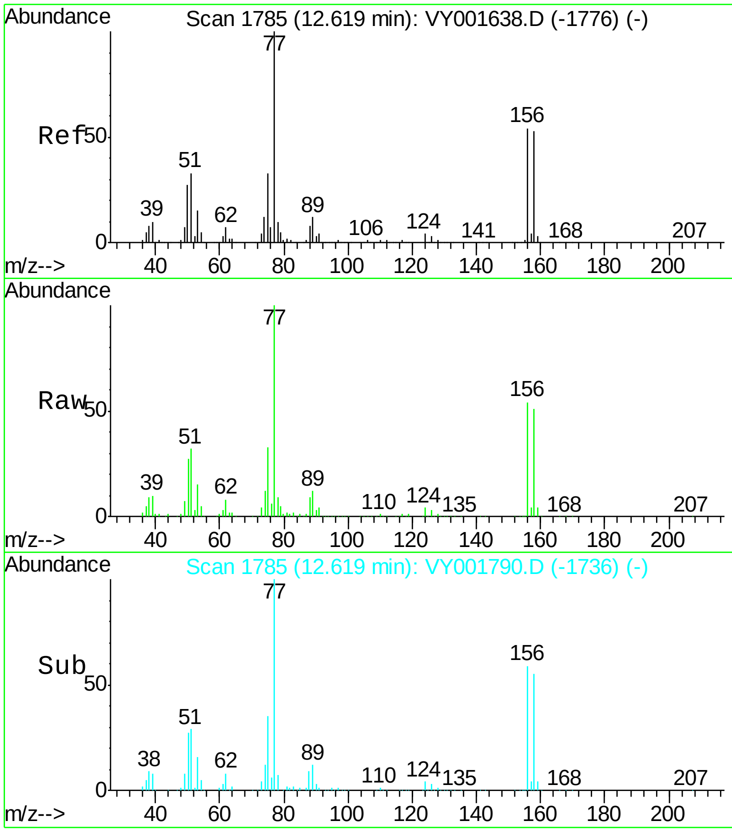


#76
1,2,3-Trichloropropane
Concen: 47.260 ug/l m
RT: 12.64 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

Tgt Ion: 75 Resp: 73301

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77
Bromobenzene
Concen: 49.176 ug/l
RT: 12.62 min Scan# 1785
Delta R.T. 0.00 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
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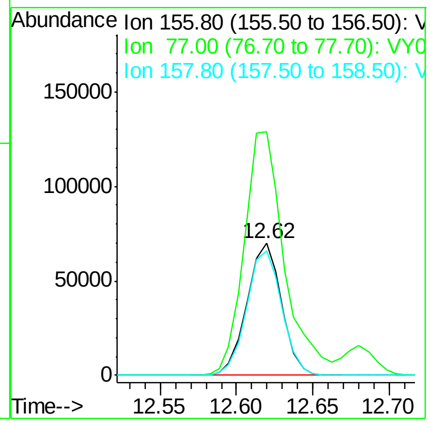
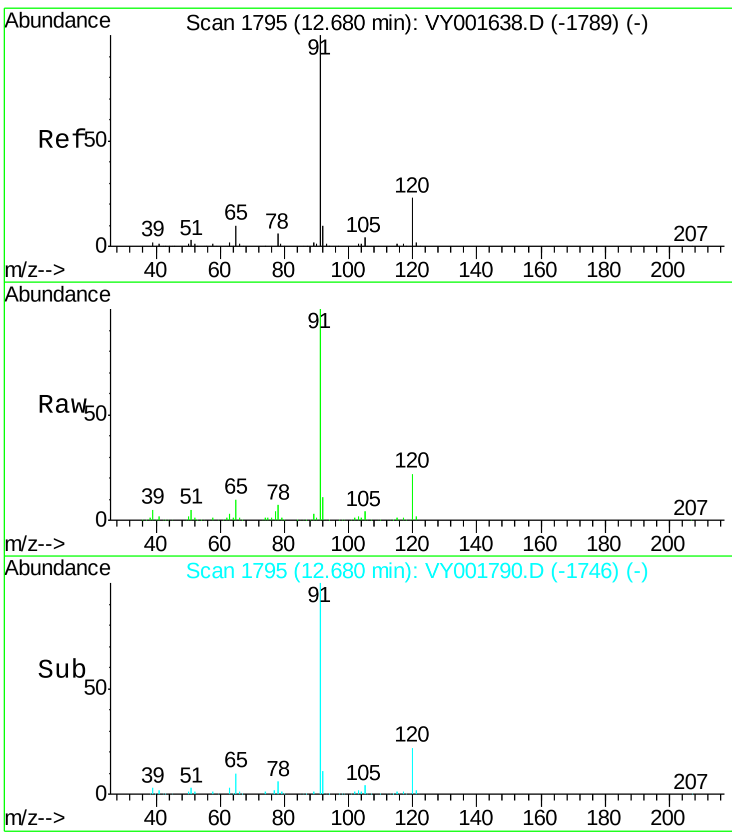
2/27/2020 10:45:37 AM

Tgt Ion:156 Resp: 109808

Ion	Ratio	Lower	Upper
156	100		
77	215.0	110.1	330.1
158	96.1	47.9	143.7

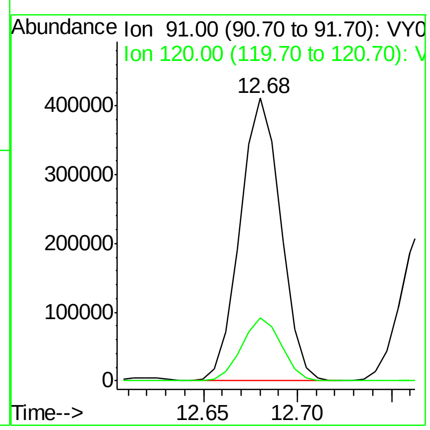


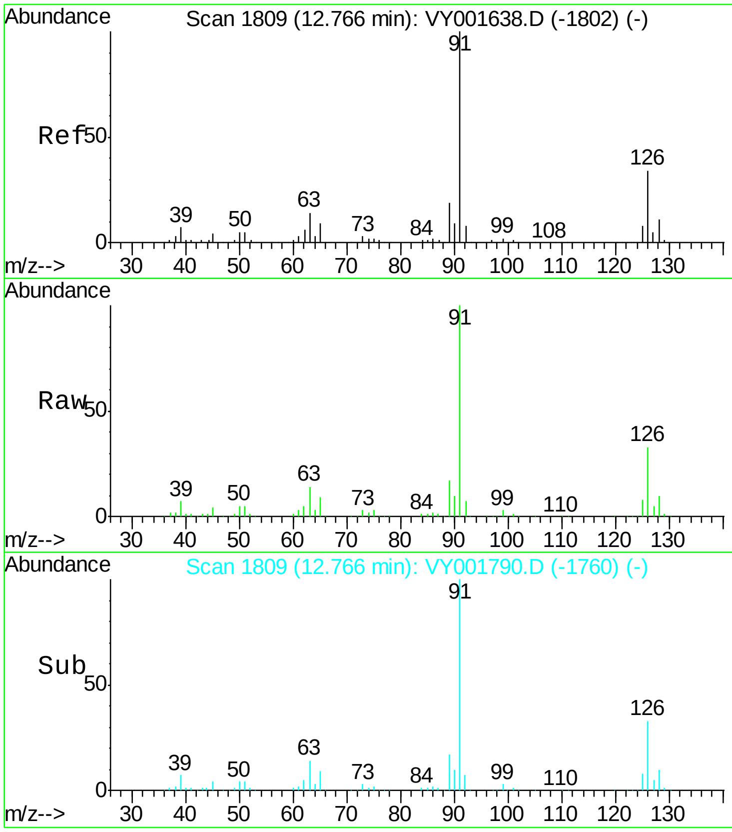


#78
n-propylbenzene
Concen: 49.177 ug/l
RT: 12.68 min Scan# 1795
Delta R.T. 0.00 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

Tgt Ion: 91 Resp: 616925

Ion	Ratio	Lower	Upper
91	100		
120	21.8	11.1	33.1





#79
2-Chlorotoluene
Concen: 48.969 ug/l
RT: 12.77 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91	Resp:	344552	
Ion	Ratio	Lower	Upper
91	100		
126	33.2	16.2	48.6

Manual Integrations APPROVED
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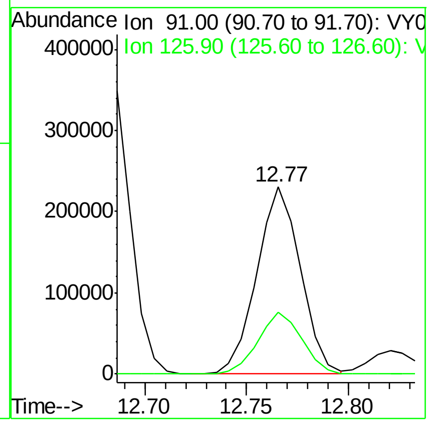
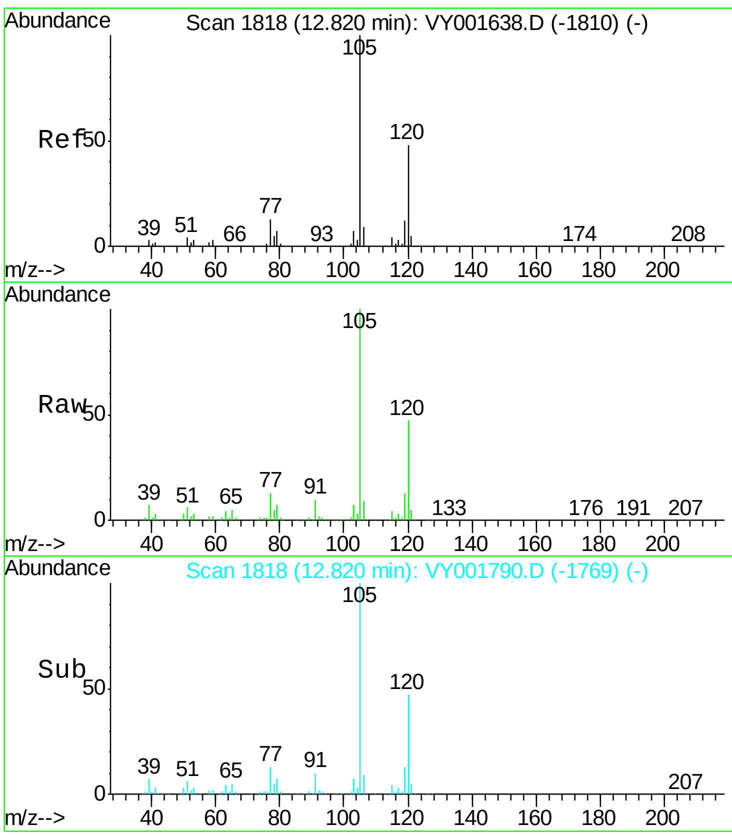
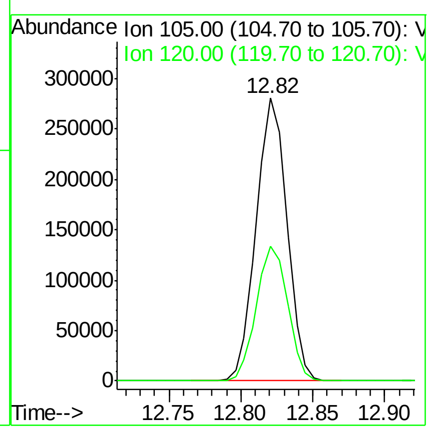
2/27/2020 10:45:37 AM

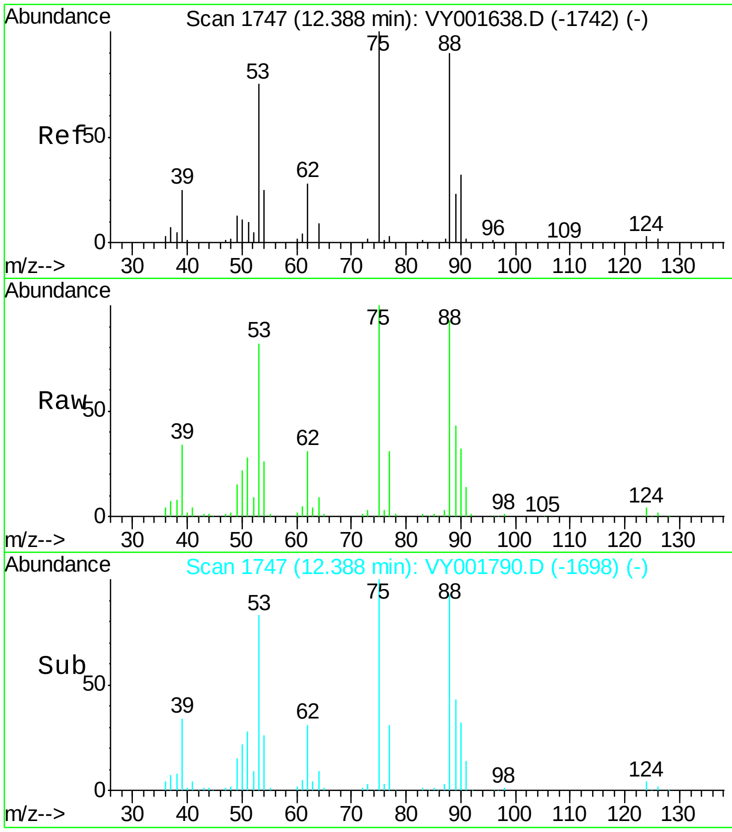




#80
1,3,5-Trimethylbenzene
Concen: 48.492 ug/l
RT: 12.82 min Scan# 1818
Delta R.T. 0.00 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

Tgt Ion:105	Resp:	413474	
Ion	Ratio	Lower	Upper
105	100		
120	48.5	24.3	72.9





#81
trans-1,4-Dichloro-2-butene
Concen: 50.297 ug/l
RT: 12.39 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 41120

Ion	Ratio	Lower	Upper
75	100		
53	81.5	64.5	96.7
89	44.3	36.3	54.5

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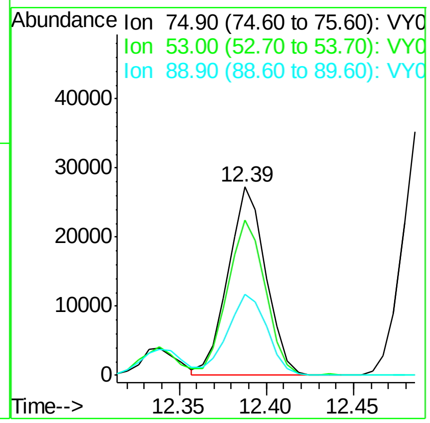
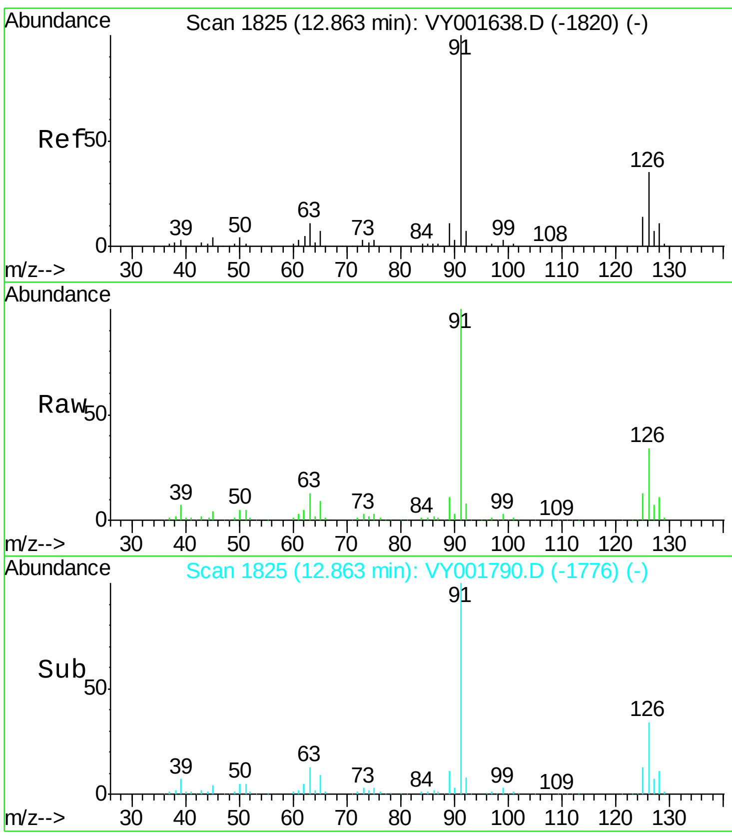
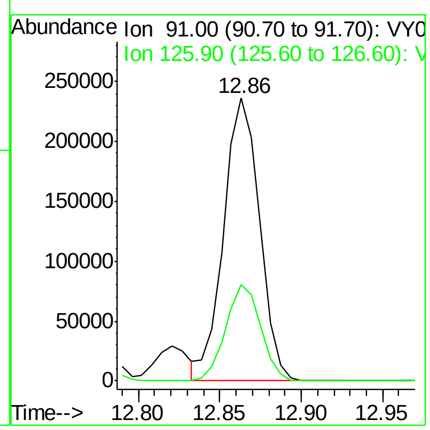


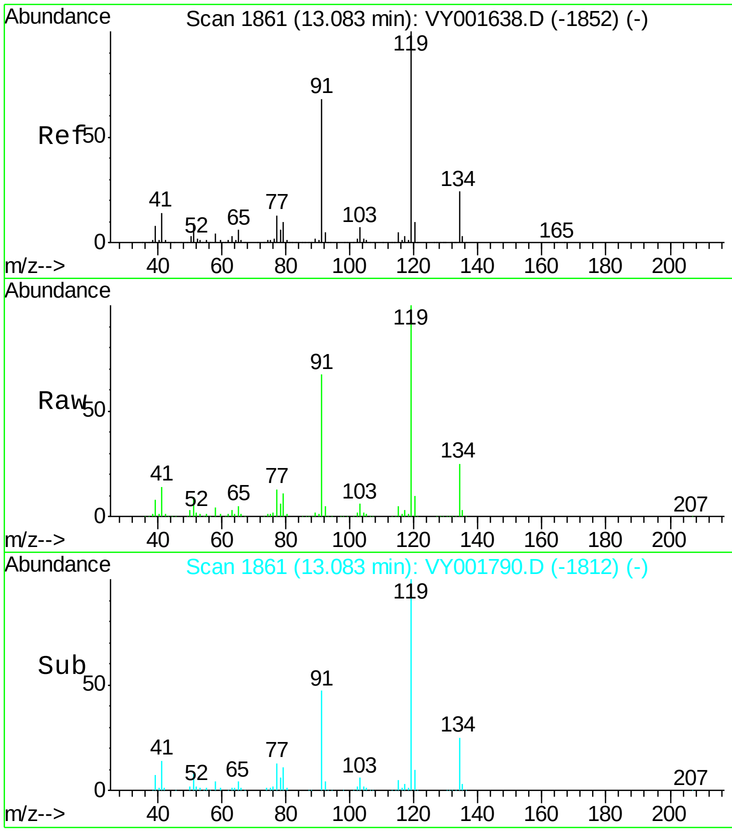


#82
4-Chlorotoluene
Concen: 48.808 ug/l
RT: 12.86 min Scan# 1825
Delta R.T. 0.00 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

Tgt Ion: 91 Resp: 362200

Ion	Ratio	Lower	Upper
91	100		
126	33.2	16.2	48.6





#83
tert-Butylbenzene
Concen: 48.615 ug/l
RT: 13.08 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

Instrument : MSVOA_Y
ClientSampleId : VSTDCCC050EC

Manual Integrations APPROVED
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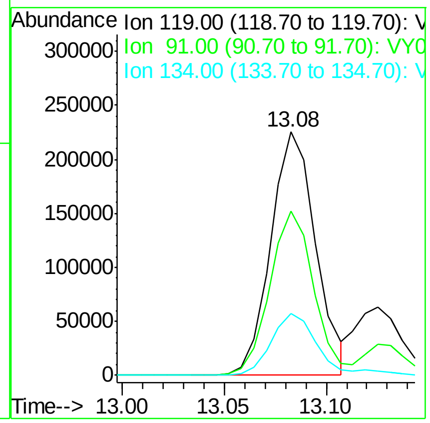
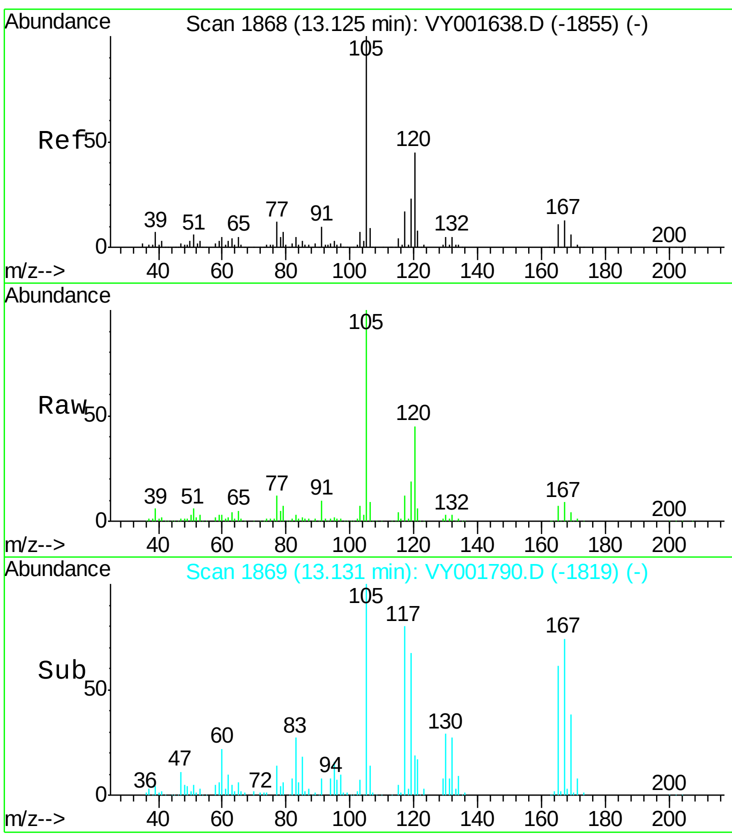
Tgt Ion:119 Resp: 346687

Ion	Ratio	Lower	Upper
119	100		
91	66.4	33.5	100.5
134	26.8	13.3	39.8

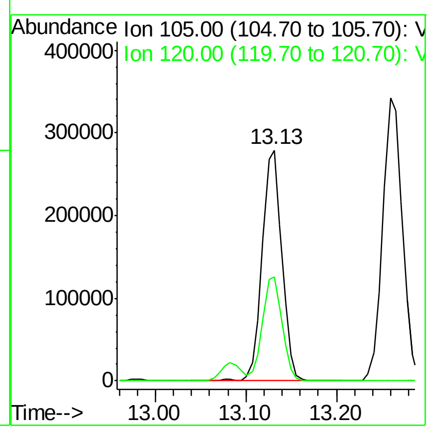


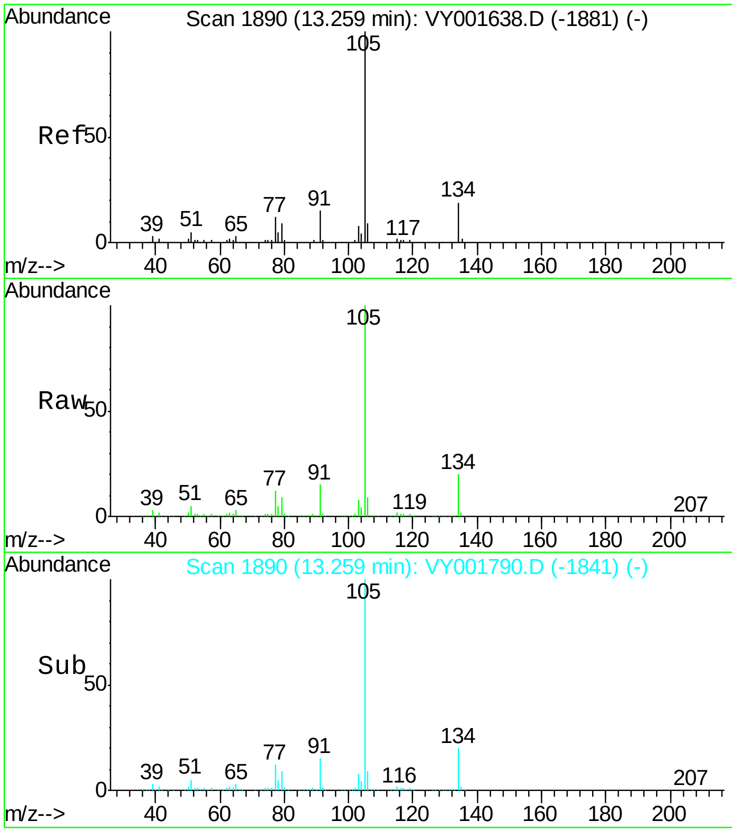


#84
1,2,4-Trimethylbenzene
Concen: 49.446 ug/l
RT: 13.13 min Scan# 1869
Delta R.T. 0.01 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

Tgt Ion:105 Resp: 420319

Ion	Ratio	Lower	Upper
105	100		
120	45.1	22.4	67.3





#85
sec-Butylbenzene
Concen: 49.082 ug/l
RT: 13.26 min Scan# 1890
Delta R.T. 0.00 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

Tgt Ion:105 Resp: 514791

Ion	Ratio	Lower	Upper
105	100		
134	19.5	9.8	29.3

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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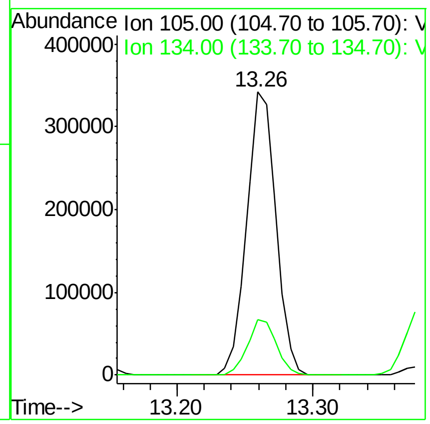
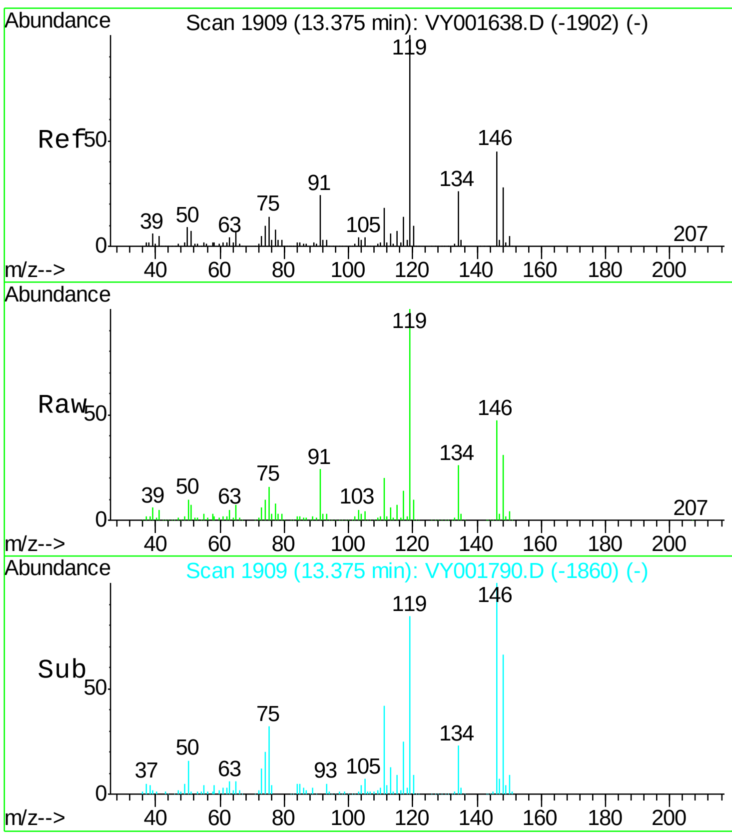
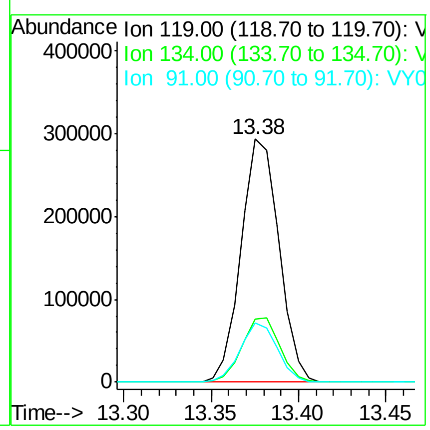


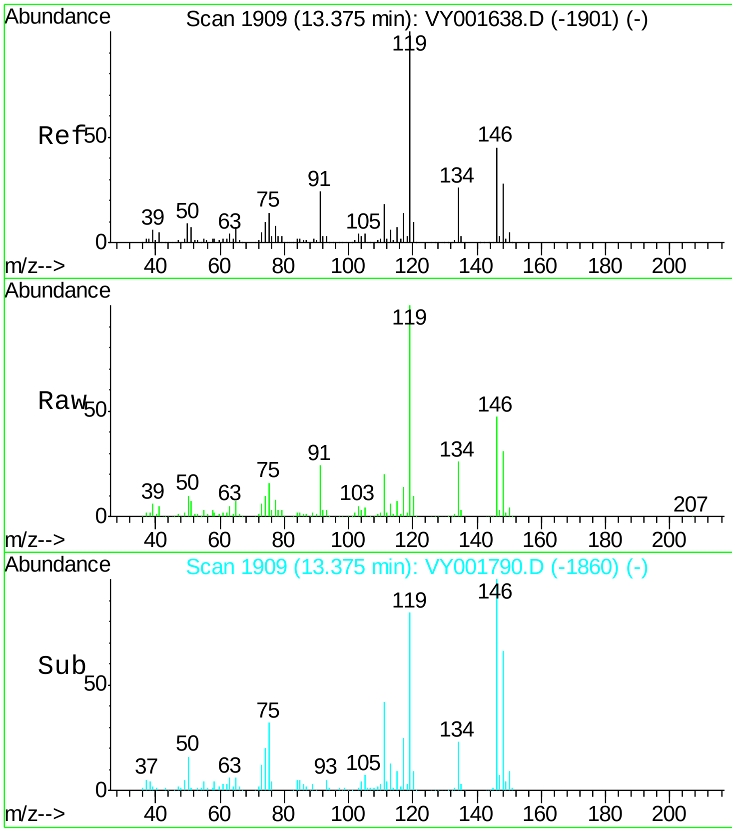


#86
p-Isopropyltoluene
Concen: 48.747 ug/l
RT: 13.38 min Scan# 1909
Delta R.T. 0.00 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

Tgt Ion:119 Resp: 444157

Ion	Ratio	Lower	Upper
119	100		
134	26.5	13.0	39.0
91	23.6	12.2	36.6





#87
1,3-Dichlorobenzene
Concen: 49.255 ug/l
RT: 13.38 min Scan# 1909
Delta R.T. 0.00 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 213302

Ion	Ratio	Lower	Upper
146	100		
111	41.2	21.4	64.3
148	63.8	31.6	94.7

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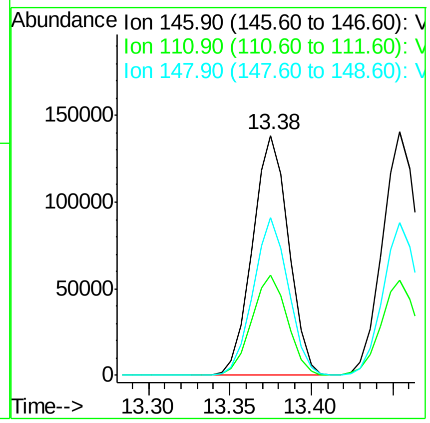
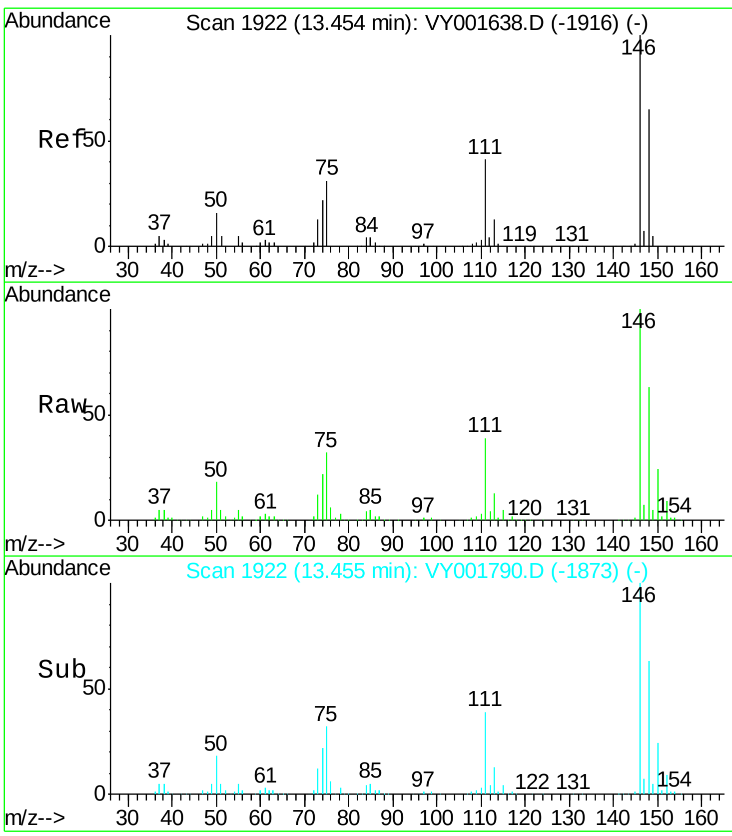
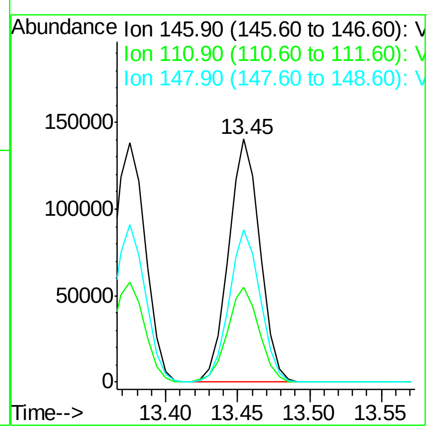


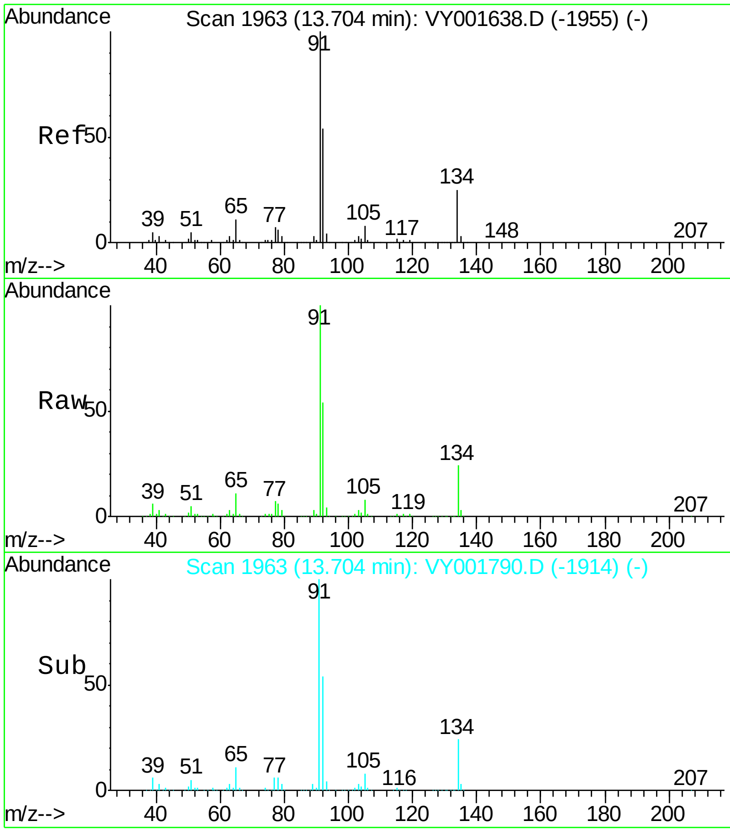


#88
1,4-Dichlorobenzene
Concen: 49.225 ug/l
RT: 13.45 min Scan# 1922
Delta R.T. 0.00 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

Tgt Ion:146 Resp: 215483

Ion	Ratio	Lower	Upper
146	100		
111	39.5	20.4	61.3
148	62.4	31.6	94.7





#89
n-Butylbenzene
Concen: 49.212 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
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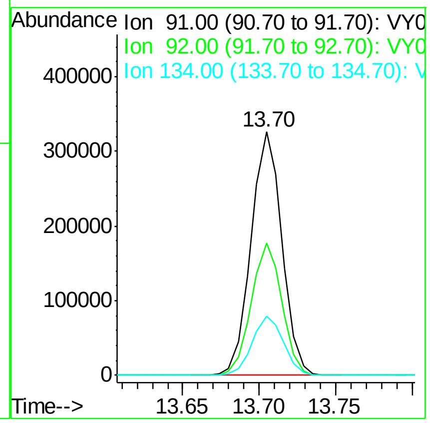
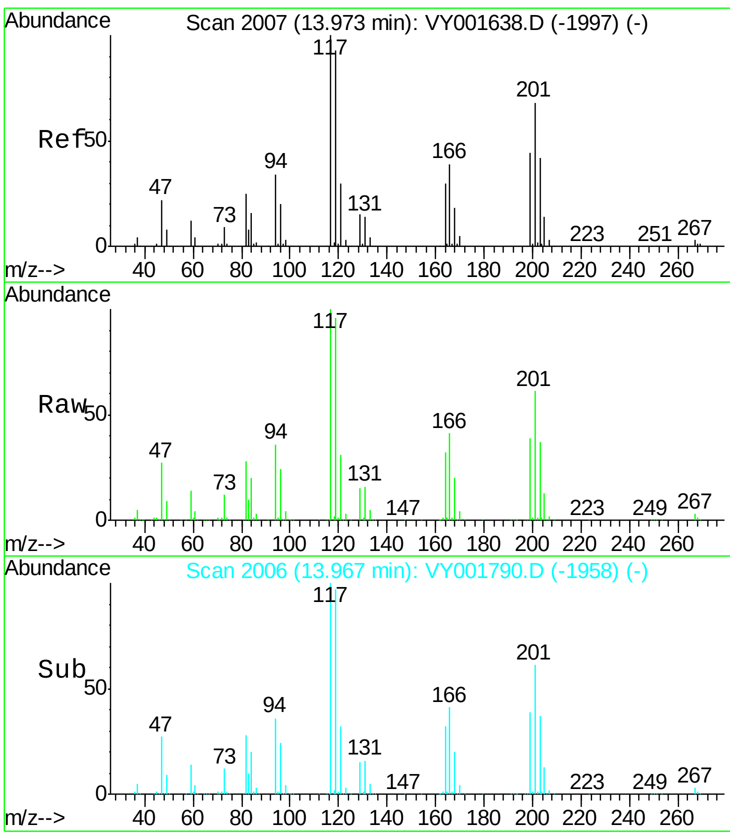
Tgt Ion: 91 Resp: 458173

Ion	Ratio	Lower	Upper
91	100		
92	54.0	27.5	82.4
134	24.5	12.4	37.4

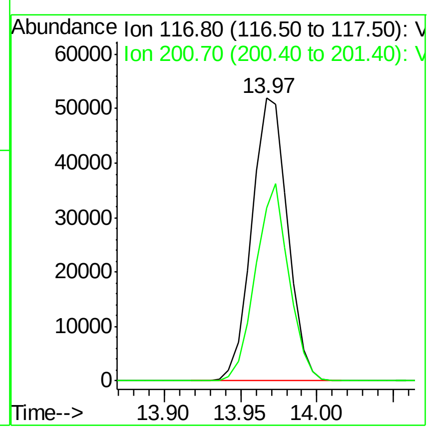




#90
Hexachloroethane
Concen: 49.329 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. -0.01 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

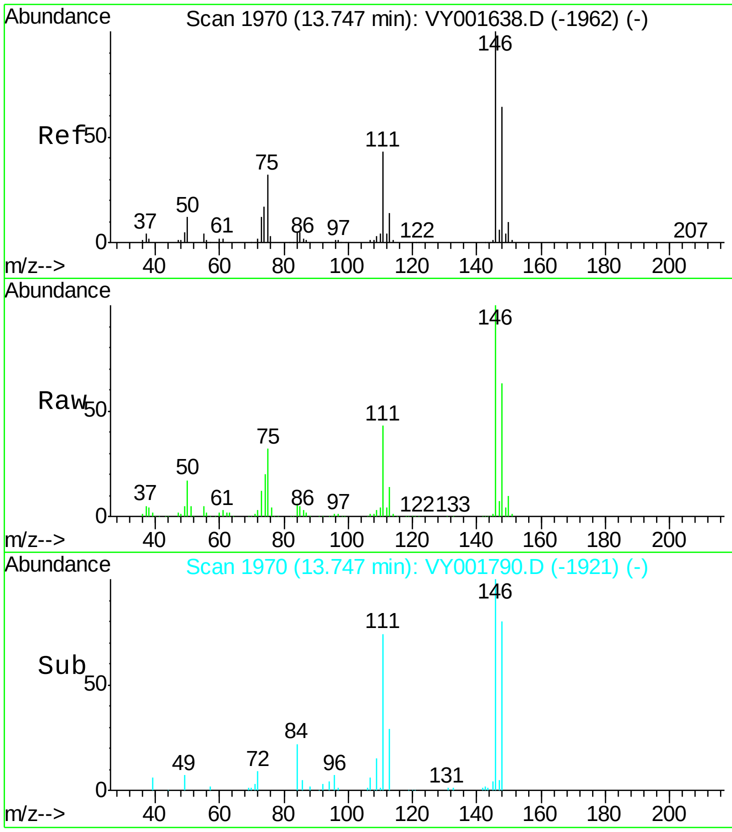
Tgt Ion:117 Resp: 84683

Ion	Ratio	Lower	Upper
117	100		
201	65.3	32.5	97.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

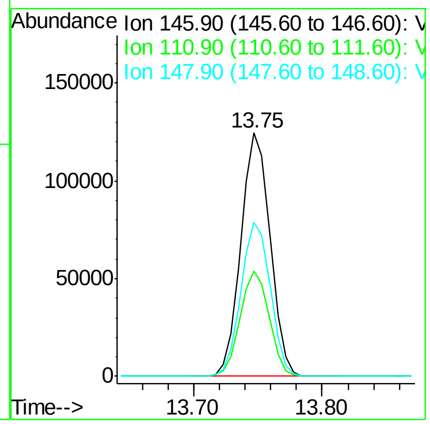
Manual Integrations APPROVED
MMDadoda
2/27/2020 10:45:37 AM

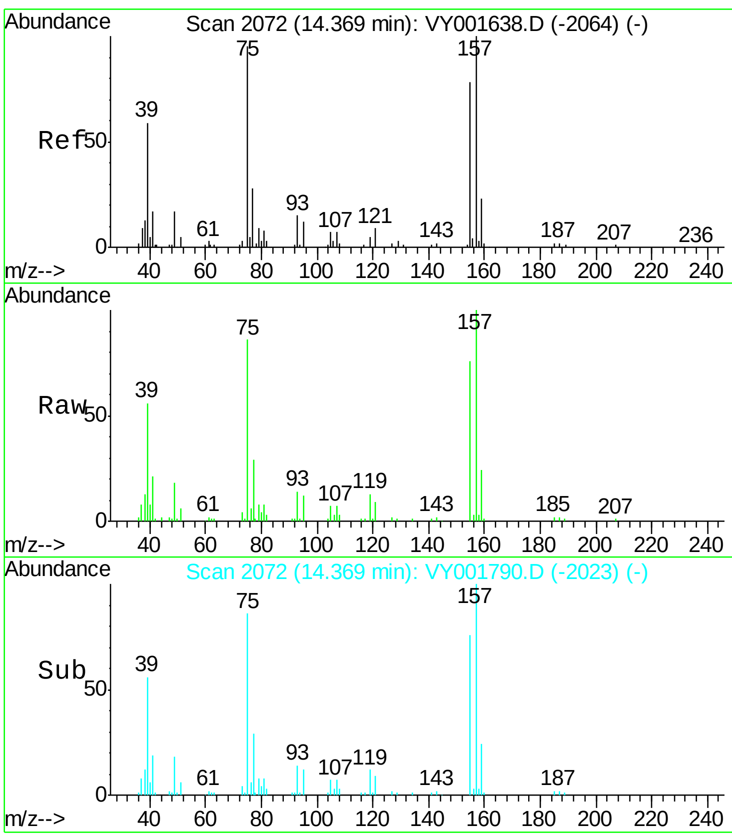


#91
1,2-Dichlorobenzene
Concen: 48.930 ug/l
RT: 13.75 min   Scan# 1970
Delta R.T.   0.00 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

Tgt Ion:146 Resp: 195549

Ion	Ratio	Lower	Upper
146	100		
111	42.7	21.9	65.7
148	63.7	31.5	94.5

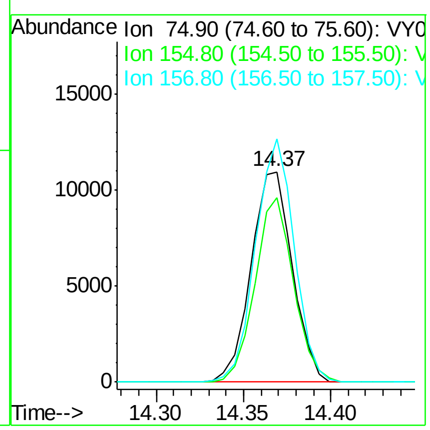


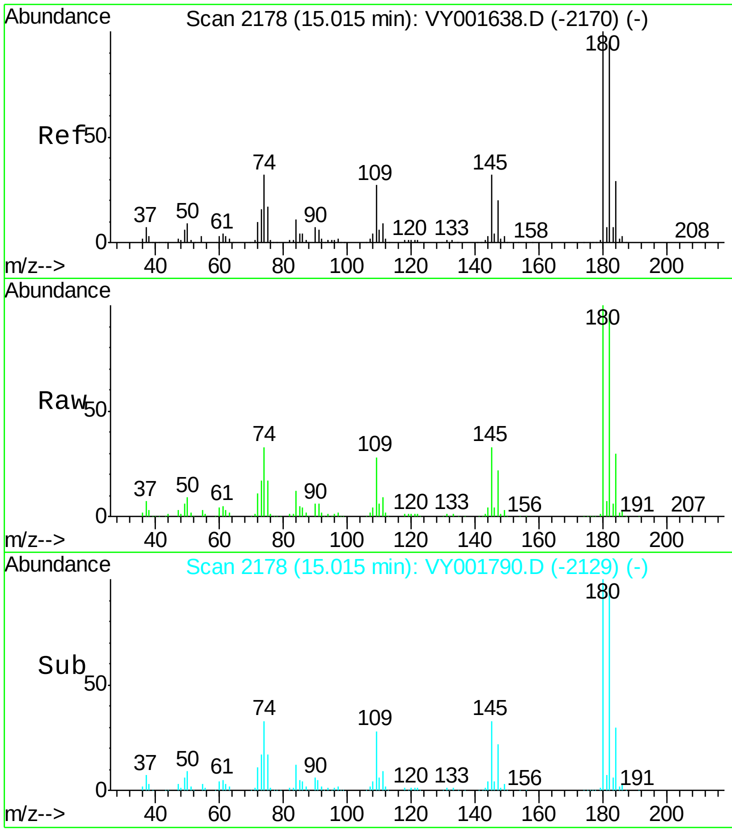


#92
1,2-Dibromo-3-Chloropropane
Concen: 50.095 ug/l
RT: 14.37 min   Scan# 2072
Delta R.T.   0.00 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

Tgt Ion: 75 Resp: 18183

Ion	Ratio	Lower	Upper
75	100		
155	81.9	40.8	122.4
157	108.4	52.1	156.4





#93
1,2,4-Trichlorobenzene
Concen: 48.245 ug/l
RT: 15.02 min Scan# 2178
Delta R.T. 0.00 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
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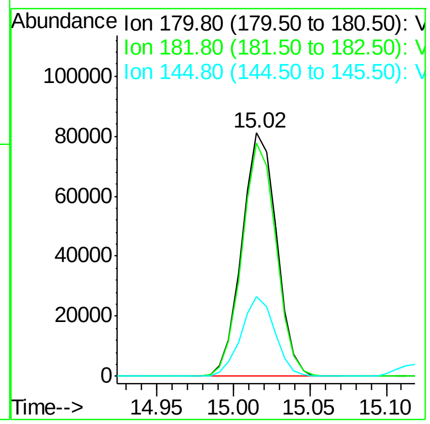
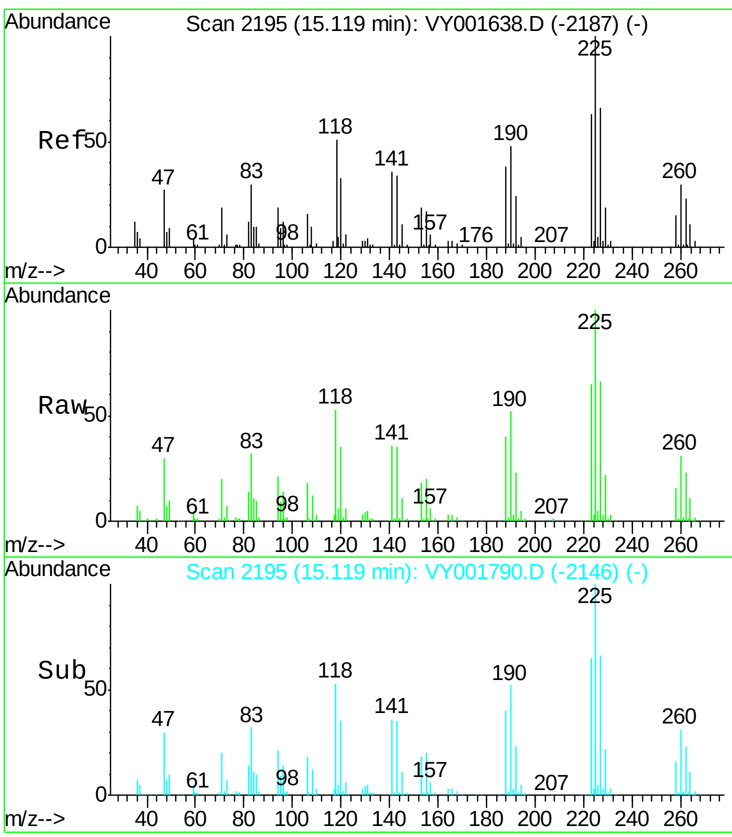
Tgt Ion:180 Resp: 127773

Ion	Ratio	Lower	Upper
180	100		
182	94.4	46.8	140.3
145	31.8	16.2	48.5

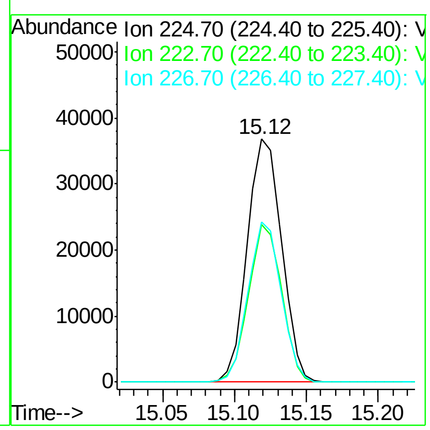


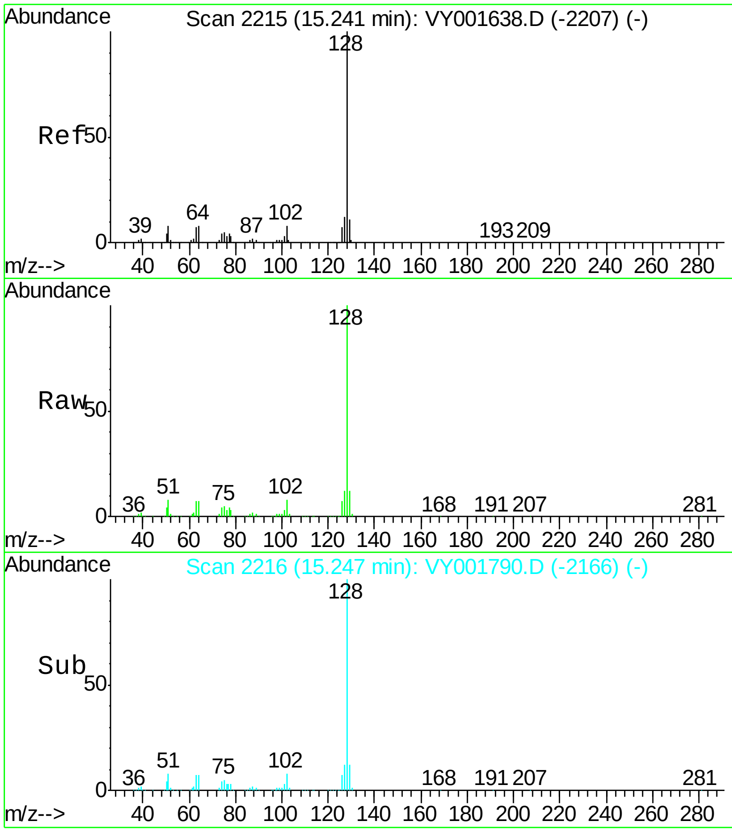


#94
Hexachlorobutadiene
Concen: 46.094 ug/l
RT: 15.12 min Scan# 2195
Delta R.T. 0.00 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

Tgt Ion:225 Resp: 60711

Ion	Ratio	Lower	Upper
225	100		
223	62.9	31.4	94.0
227	63.7	31.6	94.8





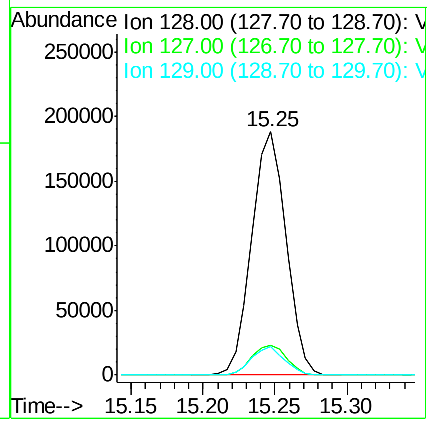
#95
Naphthalene
Concen: 50.899 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. 0.01 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

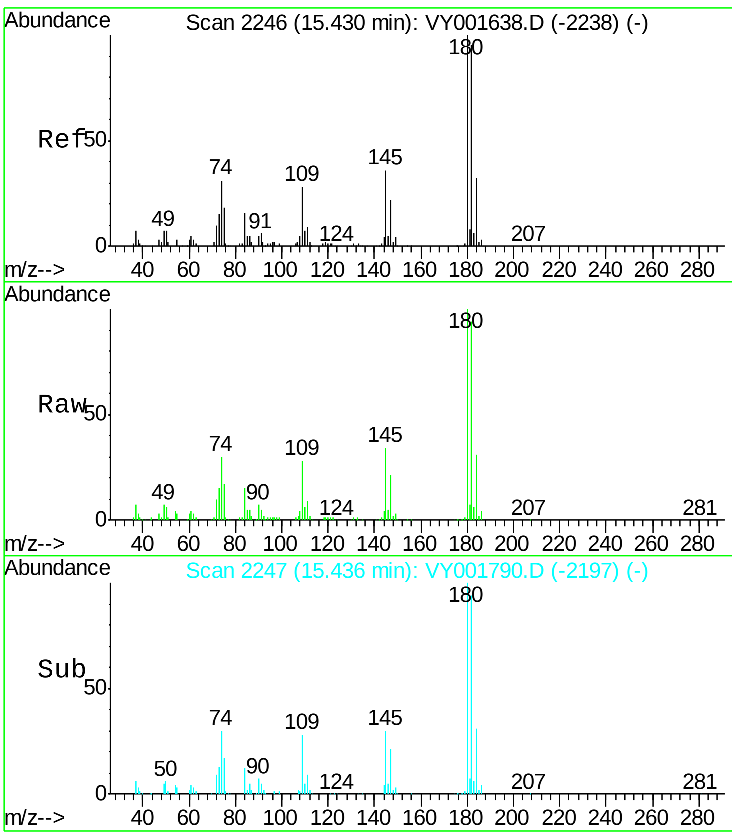
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
MMDadoda
2/27/2020 10:45:37 AM

Tgt Ion:128 Resp: 310812

Ion	Ratio	Lower	Upper
128	100		
127	12.5	9.9	14.9
129	11.2	8.6	13.0





#96
1,2,3-Trichlorobenzene
Concen: 48.959 ug/l
RT: 15.44 min Scan# 2247
Delta R.T. 0.01 min
Lab File: VY001790.D
Acq: 26 Feb 2020 18:20

Tgt Ion:180 Resp: 114073

Ion	Ratio	Lower	Upper
180	100		
182	94.4	47.2	141.6
145	33.5	17.3	52.0