Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY092619\
Data File : VY000160.D
Acq On : 26 Sep 2019 18:11
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.00ml/MSVOA Y/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : VSTDCCC050EC

Manual Integrations APPROVED
MMDadoda
10/2/2019 9:13:23 AM

Quant Time: Sep 26 18:45:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y092619S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 26 14:30:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	167019	50.00 ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	292723	50.00 ug/l	0.00
63) Chlorobenzene-d5	11.49	117	259109	50.00 ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	124135	50.00 ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	81734	55.88 ug/l	0.00
Spiked Amount 50.000			Recovery	= 111.76%	
35) Dibromofluoromethane	7.72	113	83143	54.24 ug/l	0.00
Spiked Amount 50.000			Recovery	= 108.48%	
50) Toluene-d8	10.18	98	338675	52.21 ug/l	0.00
Spiked Amount 50.000			Recovery	= 104.42%	
62) 4-Bromofluorobenzene	12.48	95	112849	47.73 ug/l	0.00
Spiked Amount 50.000			Recovery	= 95.46%	

Target Compounds	R.T.	QIon	Response	Conc Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	62631	54.782 ug/l	98
3) Chloromethane	2.11	50	91467	53.933 ug/l	98
4) Vinyl Chloride	2.24	62	103534	49.741 ug/l	94
5) Bromomethane	2.63	94	72812	51.878 ug/l	99
6) Chloroethane	2.79	64	66186	51.221 ug/l	92
7) Trichlorofluoromethane	3.12	101	128341	51.154 ug/l	98
8) Diethyl Ether	3.53	74	58242	58.226 ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.90	101	88576	54.086 ug/l	95
10) Methyl Iodide	4.08	142	125808	49.823 ug/l	99
11) Tert butyl alcohol	4.97	59	44101	301.791 ug/l	99
12) 1,1-Dichloroethene	3.86	96	89476	52.099 ug/l	99
13) Acrolein	3.73	56	48146	265.301 ug/l	95
14) Allyl chloride	4.47	41	113269	52.704 ug/l	99
15) Acrylonitrile	5.16	53	134996	296.753 ug/l	98
16) Acetone	3.95	43	89149	240.274 ug/l #	87
17) Carbon Disulfide	4.19	76	285080	53.513 ug/l	98
18) Methyl Acetate	4.48	43	56967	53.706 ug/l	99
19) Methyl tert-butyl Ether	5.22	73	232053	57.074 ug/l	98
20) Methylene Chloride	4.71	84	111495	63.205 ug/l	93
21) trans-1,2-Dichloroethene	5.22	96	102926	53.789 ug/l	94
22) Diisopropyl ether	6.12	45	239012	52.919 ug/l	97
23) Vinyl Acetate	6.06	43	800353	282.755 ug/l	98
24) 1,1-Dichloroethane	6.02	63	148367	54.265 ug/l	97
25) 2-Butanone	7.00	43	153726	273.758 ug/l	99
26) 2,2-Dichloropropane	6.99	77	125355	50.423 ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	115070	54.110 ug/l	99
28) Bromochloromethane	7.33	49	58979	56.620 ug/l	99
29) Tetrahydrofuran	7.35	42	97909	282.834 ug/l	96
30) Chloroform	7.51	83	151649	52.995 ug/l	96
31) Cyclohexane	7.78	56	139032	49.186 ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	128998	51.411 ug/l	99
36) 1,1-Dichloropropene	7.92	75	120860	49.683 ug/l	98
37) Ethyl Acetate	7.08	43	66947	52.098 ug/l	96
38) Carbon Tetrachloride	7.90	117	115305	48.554 ug/l	98

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Misc : 5.00g/5.00ml/MSVOA Y/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VSTDCCC050EC

Manual Integrations
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MMDadoda
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y092619S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 26 14:30:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
39) Methylcyclohexane	9.18	83	172735	50.064 ug/l	98
40) Benzene	8.16	78	390880	50.868 ug/l	99
41) Methacrylonitrile	7.32	41	40426m	65.310 ug/l	
42) 1,2-Dichloroethane	8.24	62	95745	51.210 ug/l	99
43) Isopropyl Acetate	8.28	43	127714	53.803 ug/l	100
44) Trichloroethene	8.94	130	118770	48.367 ug/l	98
45) 1,2-Dichloropropane	9.22	63	89418	52.750 ug/l	92
46) Dibromomethane	9.31	93	55103	53.265 ug/l	95
47) Bromodichloromethane	9.50	83	120411	51.637 ug/l	89
48) Methyl methacrylate	9.30	41	55192	51.924 ug/l	99
49) 1,4-Dioxane	9.30	88	19023	1190.211 ug/l	95
51) 4-Methyl-2-Pentanone	10.07	43	337473	273.906 ug/l	99
52) Toluene	10.24	92	251537	50.545 ug/l	99
53) t-1,3-Dichloropropene	10.47	75	130506	53.280 ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	153795	52.981 ug/l	93
55) 1,1,2-Trichloroethane	10.64	97	82023	53.323 ug/l	97
56) Ethyl methacrylate	10.51	69	110062	55.005 ug/l	96
57) 1,3-Dichloropropane	10.79	76	131636	53.253 ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	251803	267.928 ug/l	99
59) 2-Hexanone	10.83	43	240851	275.046 ug/l	98
60) Dibromochloromethane	10.99	129	93824	53.957 ug/l	98
61) 1,2-Dibromoethane	11.09	107	79194	53.951 ug/l	98
64) Tetrachloroethene	10.72	164	124324	48.436 ug/l	96
65) Chlorobenzene	11.52	112	272566	50.549 ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	91710	50.333 ug/l	97
67) Ethyl Benzene	11.59	91	458295	49.722 ug/l	98
68) m/p-Xylenes	11.70	106	373408	100.213 ug/l	99
69) o-Xylene	12.03	106	177746	50.016 ug/l	99
70) Styrene	12.04	104	303436	50.453 ug/l	99
71) Bromoform	12.20	173	57370	53.581 ug/l #	99
73) Isopropylbenzene	12.33	105	448106	50.033 ug/l	98
74) N-amyl acetate	12.14	43	116702	53.831 ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	76425	54.820 ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	71573m	57.289 ug/l	
77) Bromobenzene	12.61	156	109477	49.480 ug/l	97
78) n-propylbenzene	12.67	91	534182	50.033 ug/l	99
79) 2-Chlorotoluene	12.75	91	291324	50.149 ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	379554	50.944 ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	33583	53.569 ug/l	97
82) 4-Chlorotoluene	12.85	91	303239	50.100 ug/l	99
83) tert-Butylbenzene	13.07	119	317320	49.459 ug/l	98
84) 1,2,4-Trimethylbenzene	13.11	105	378943	50.330 ug/l	100
85) sec-Butylbenzene	13.25	105	467464	50.749 ug/l	99
86) p-Isopropyltoluene	13.36	119	412948	50.341 ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	207089	48.848 ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	211433	50.102 ug/l	99
89) n-Butylbenzene	13.69	91	394332	50.584 ug/l	99
90) Hexachloroethane	13.95	117	78856	50.884 ug/l	95
91) 1,2-Dichlorobenzene	13.74	146	194066	50.102 ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	15354	55.818 ug/l	94

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Instrument :
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ClientSampleId :
VSTDCCC050EC

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Quant Title : SW846 8260
QLast Update : Thu Sep 26 14:30:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	134869	50.185	ug/l	99
94) Hexachlorobutadiene	15.11	225	64159	48.930	ug/l	97
95) Naphthalene	15.23	128	316093	52.528	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	120452	49.975	ug/l	98

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

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Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
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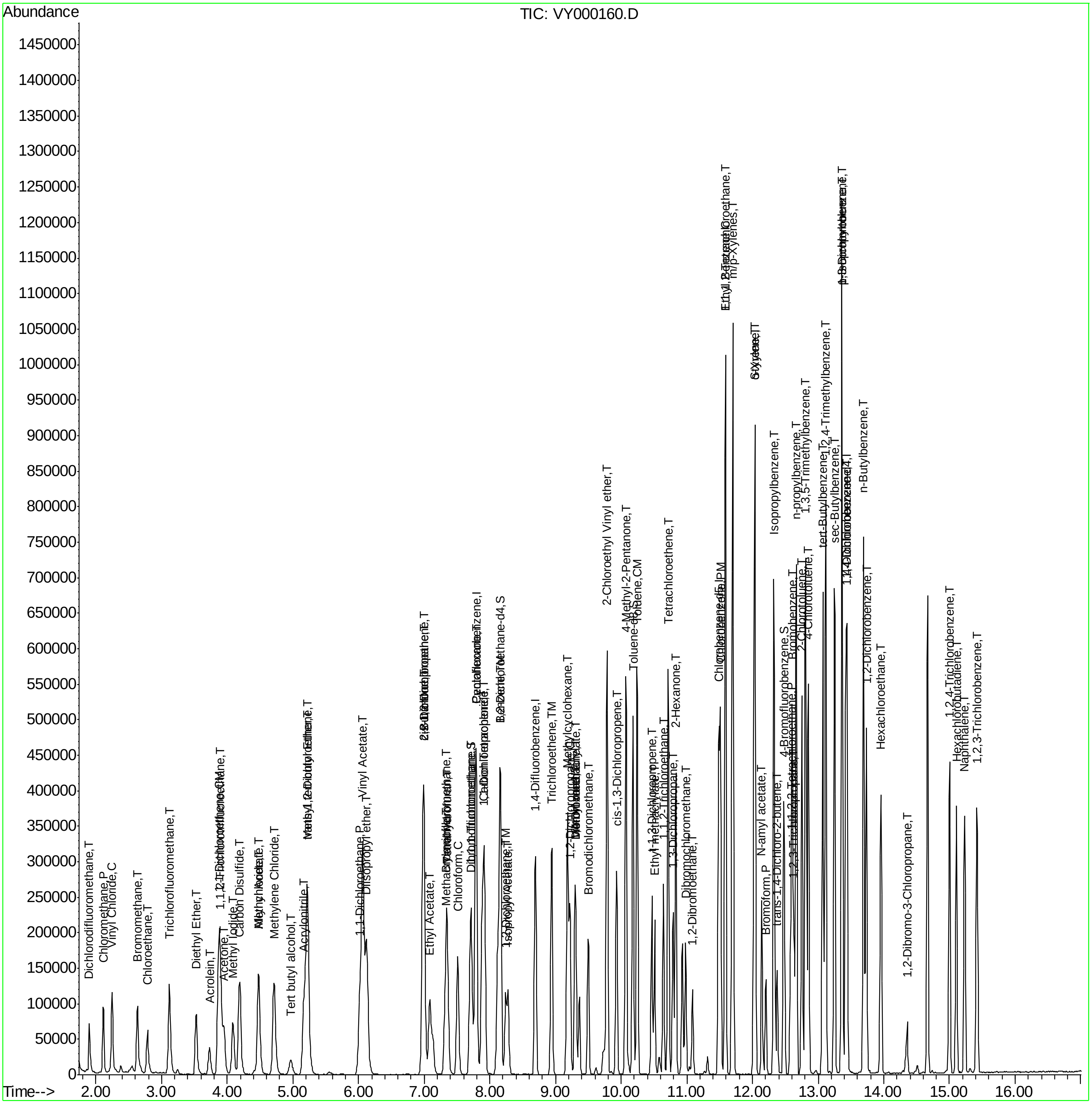
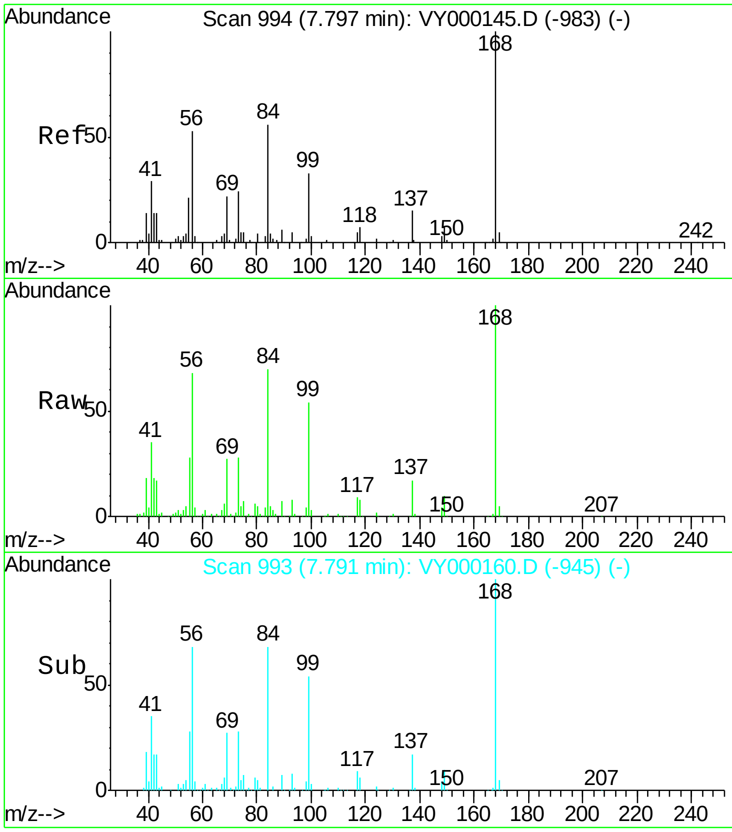
10/2/2019 9:13:23 AM





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.01 min
Lab File: VY000160.D
Acq: 26 Sep 2019 18:11

Instrument : MSVOA_Y
ClientSampleId : VSTDCCC050EC

Manual Integrations APPROVED
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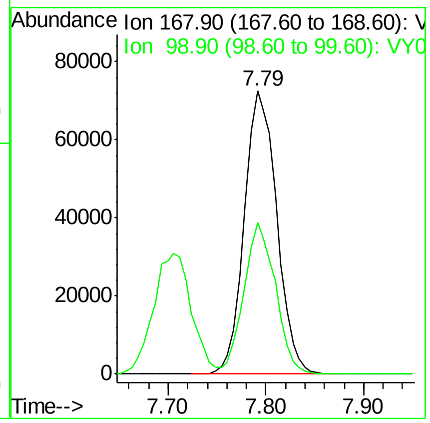
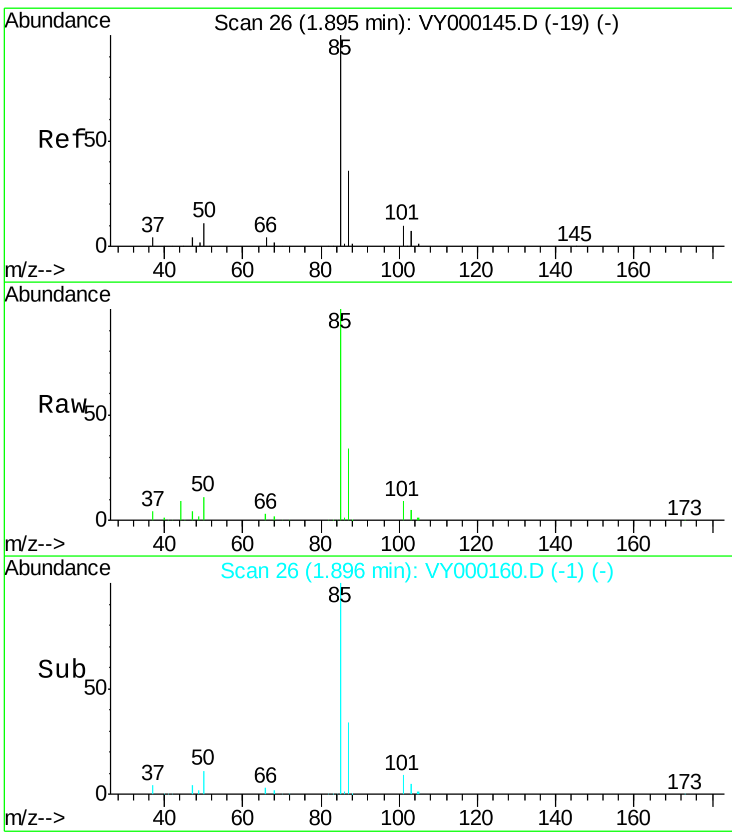
Tgt Ion:168 Resp: 167019

Ion	Ratio	Lower	Upper
168	100		
99	53.8	37.9	56.9

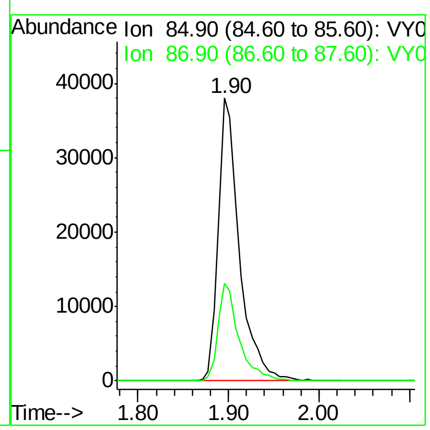


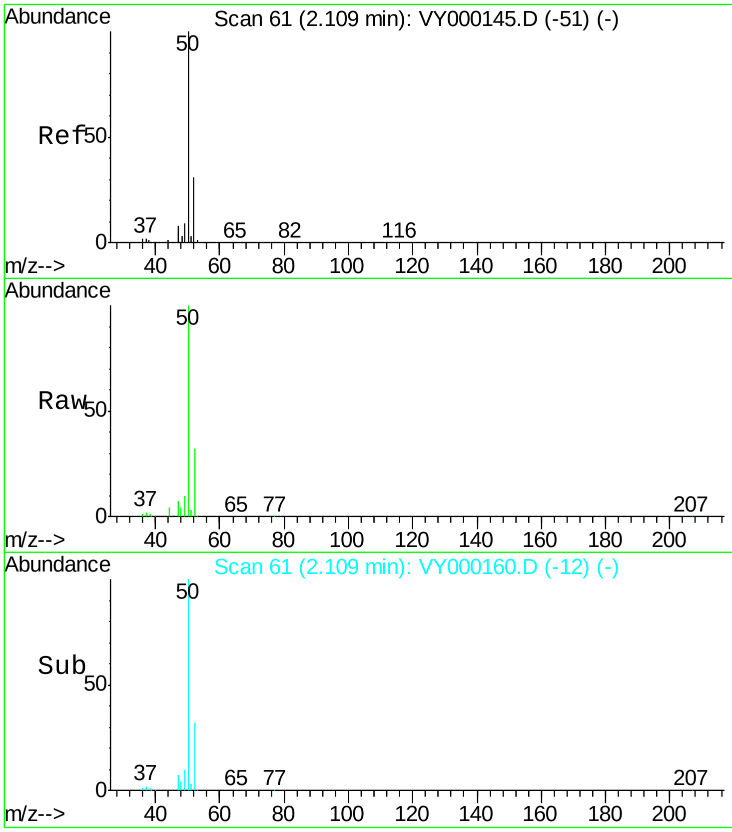


#2
Dichlorodifluoromethane
Concen: 54.782 ug/l
RT: 1.90 min Scan# 26
Delta R.T. 0.00 min
Lab File: VY000160.D
Acq: 26 Sep 2019 18:11

Tgt Ion: 85 Resp: 62631

Ion	Ratio	Lower	Upper
85	100		
87	34.5	17.9	53.8





#3
Chloromethane
Concen: 53.933 ug/l
RT: 2.11 min Scan# 61
Delta R.T. 0.00 min
Lab File: VY000160.D
Acq: 26 Sep 2019 18:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 50 Resp: 91467

Ion	Ratio	Lower	Upper
50	100		
52	32.2	25.0	37.6

Manual Integrations APPROVED
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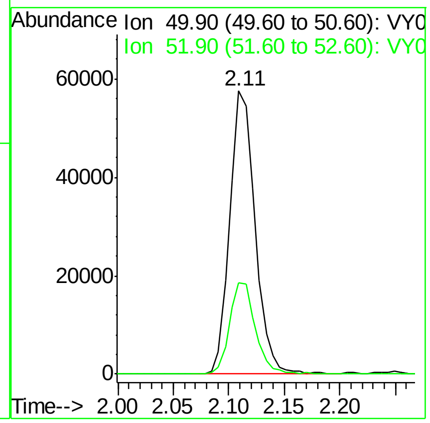
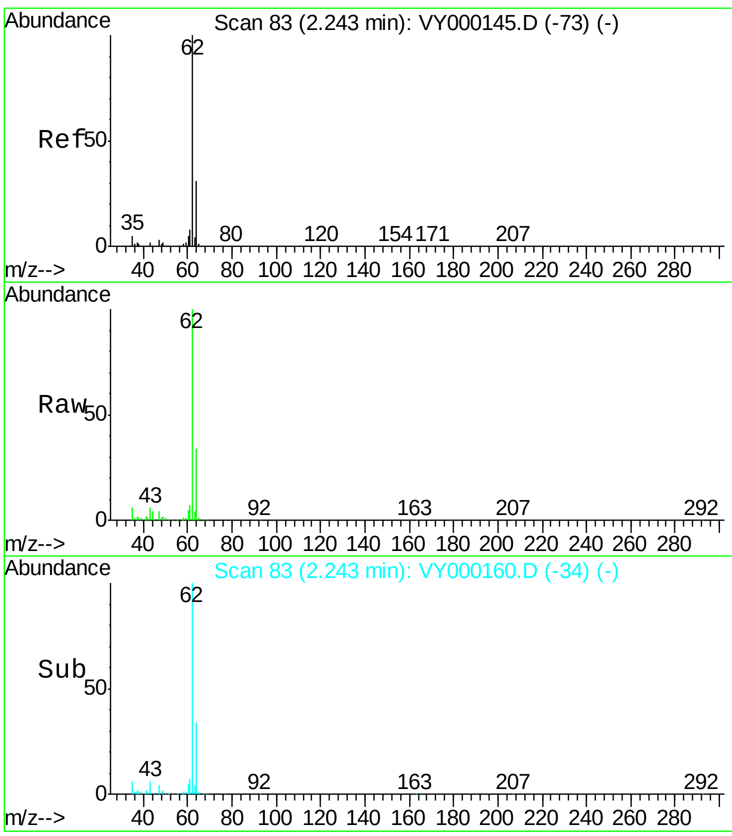
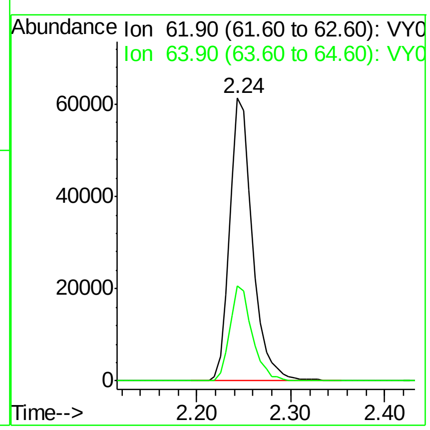


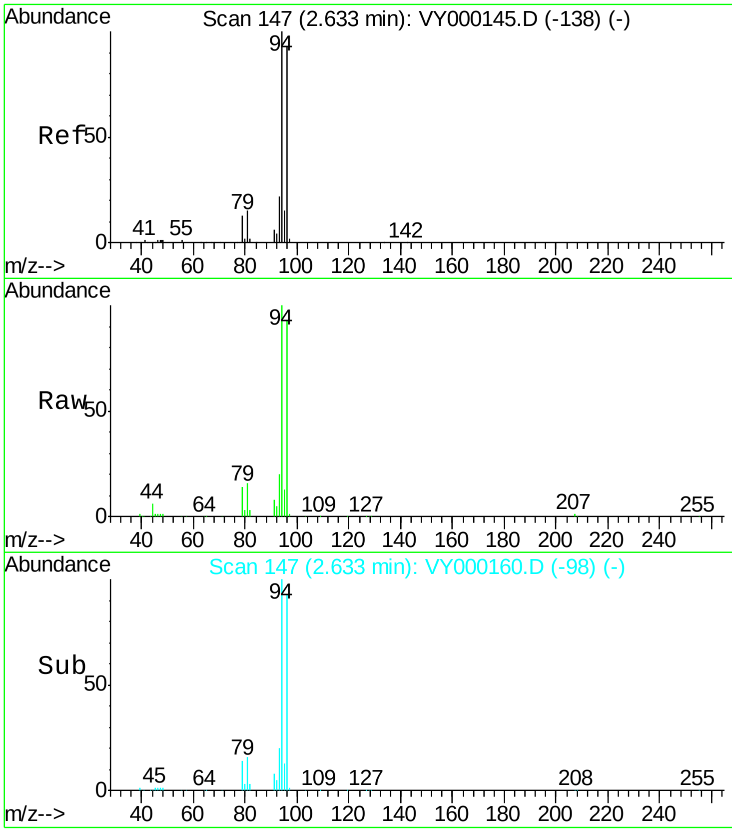


#4
Vinyl Chloride
Concen: 49.741 ug/l
RT: 2.24 min Scan# 83
Delta R.T. 0.00 min
Lab File: VY000160.D
Acq: 26 Sep 2019 18:11

Tgt Ion: 62 Resp: 103534

Ion	Ratio	Lower	Upper
62	100		
64	33.6	24.5	36.7





#5
Bromomethane
Concen: 51.878 ug/l
RT: 2.63 min Scan# 147
Delta R.T. 0.00 min
Lab File: VY000160.D
Acq: 26 Sep 2019 18:11

Tgt Ion: 94 Resp: 72812

Ion	Ratio	Lower	Upper
94	100		
96	92.6	74.6	111.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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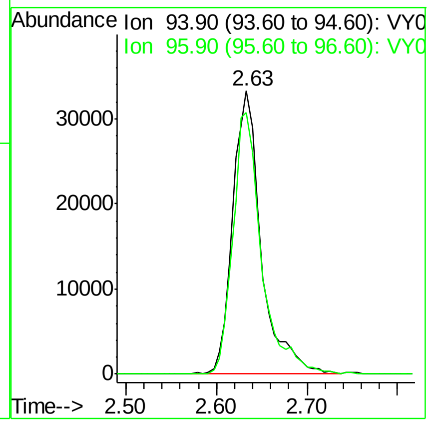
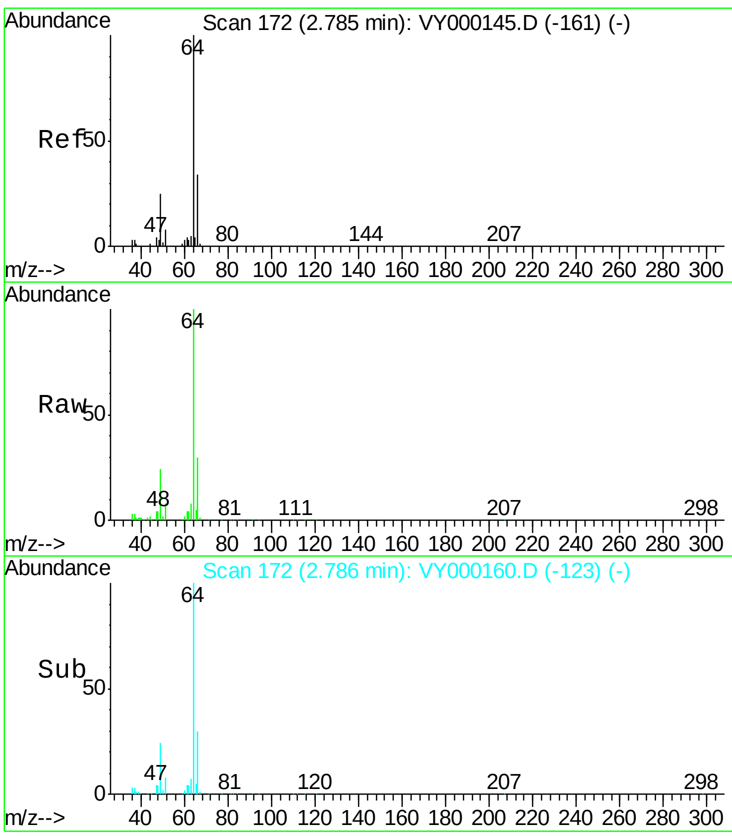
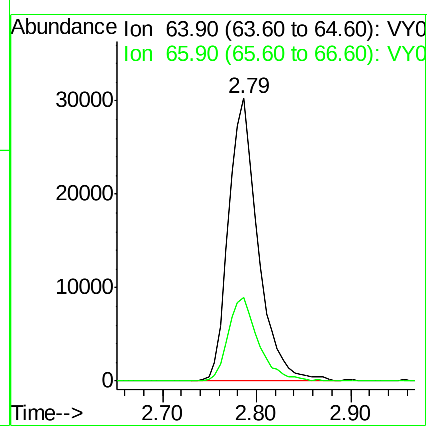


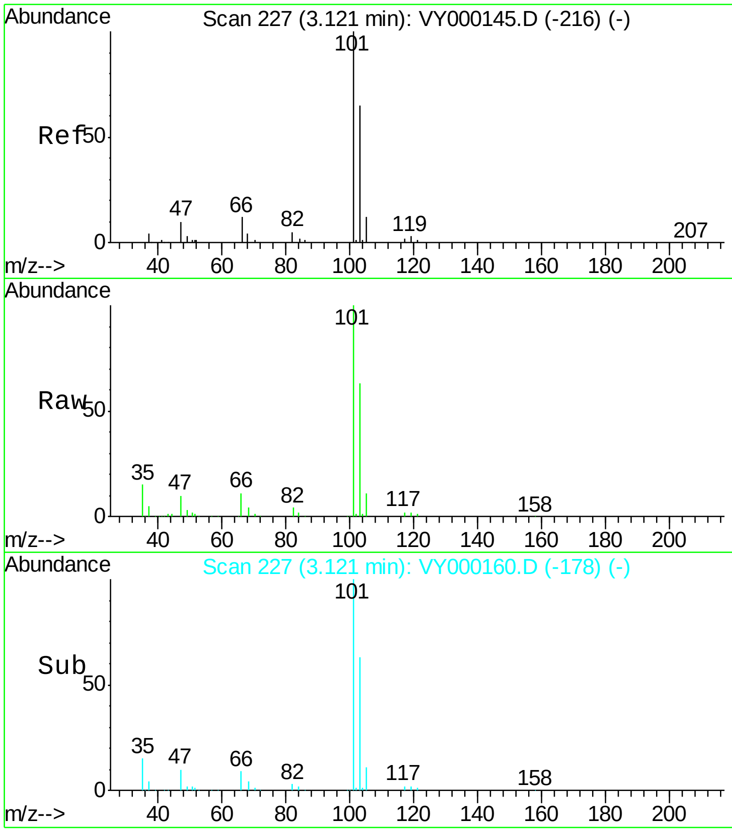


#6
Chloroethane
Concen: 51.221 ug/l
RT: 2.79 min Scan# 172
Delta R.T. 0.00 min
Lab File: VY000160.D
Acq: 26 Sep 2019 18:11

Tgt Ion: 64 Resp: 66186

Ion	Ratio	Lower	Upper
64	100		
66	29.5	27.4	41.0





#7
Trichlorofluoromethane
Concen: 51.154 ug/l
RT: 3.12 min Scan# 227
Delta R.T.   0.00 min
Lab File: VY000160.D
Acq: 26 Sep 2019 18:11

Tgt Ion:101 Resp: 128341

Ion	Ratio	Lower	Upper
101	100		
103	63.5	51.9	77.9

Instrument :
MSVOA_Y
ClientSampleId :
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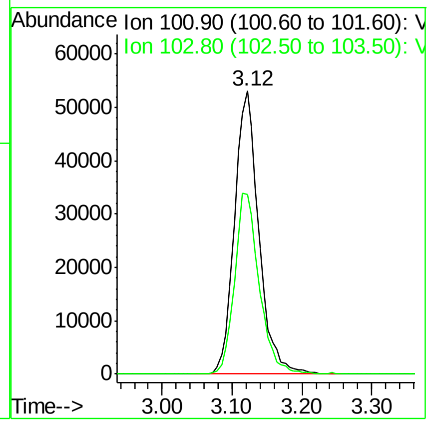
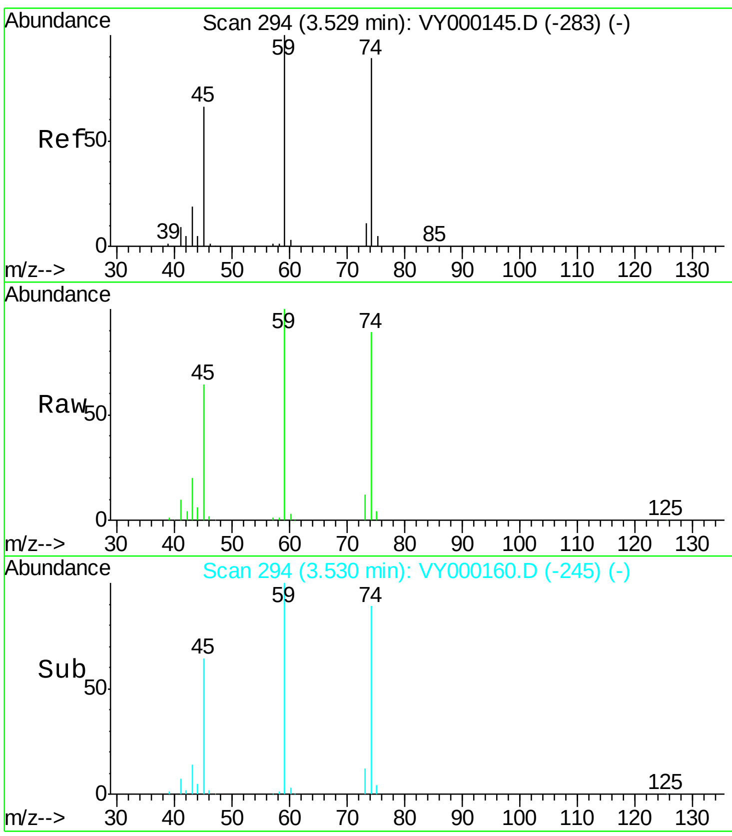
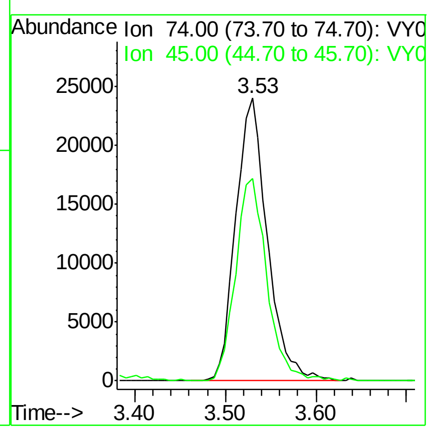


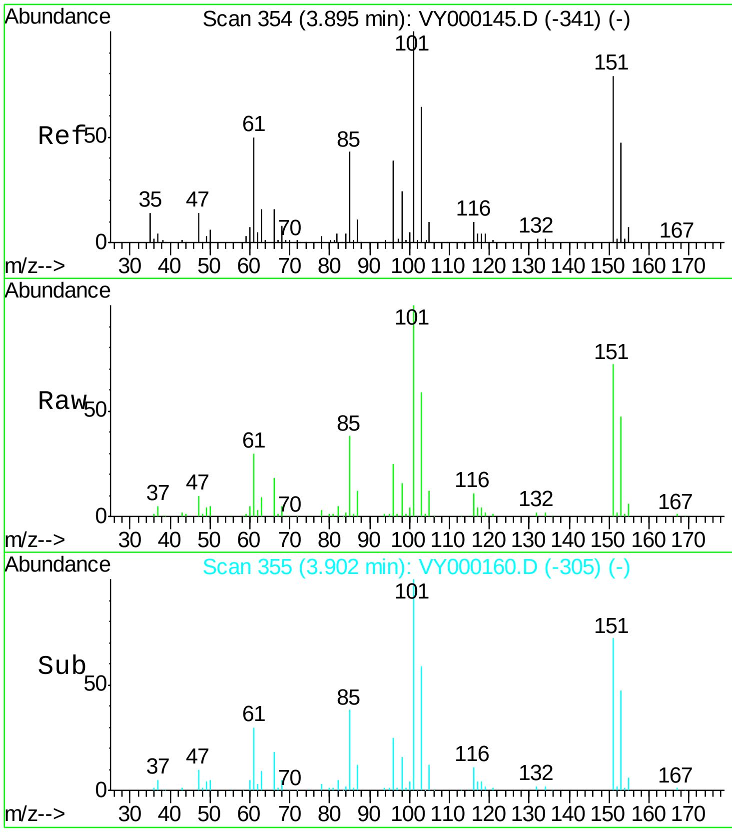


#8
Diethyl Ether
Concen: 58.226 ug/l
RT: 3.53 min Scan# 294
Delta R.T.   0.00 min
Lab File: VY000160.D
Acq: 26 Sep 2019 18:11

Tgt Ion: 74 Resp: 58242

Ion	Ratio	Lower	Upper
74	100		
45	71.3	37.7	113.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.086 ug/l
RT: 3.90 min   Scan# 355
Delta R.T.   0.01 min
Lab File: VY000160.D
Acq: 26 Sep 2019   18:11

Instrument : MSVOA_Y
ClientSampleId : VSTDCCC050EC

Manual Integrations APPROVED
MMDadoda
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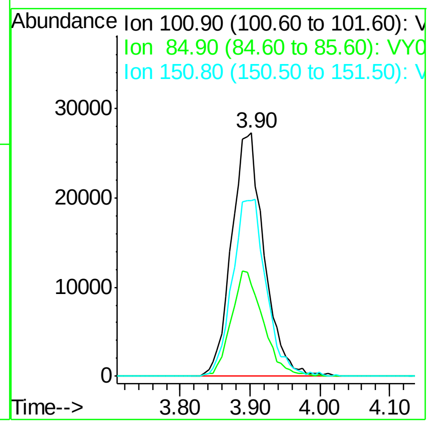
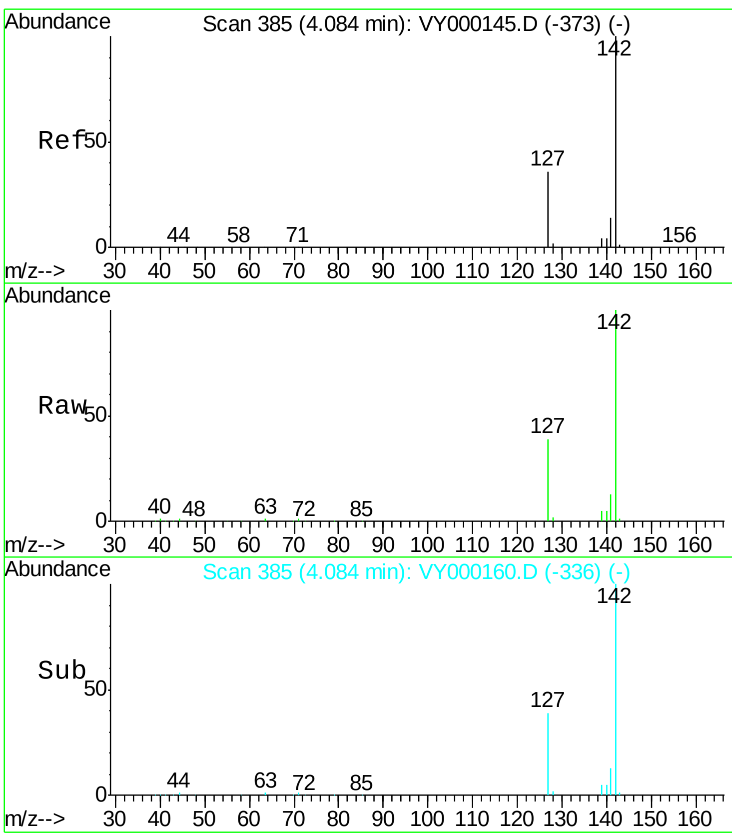
Tgt Ion:101 Resp: 88576

Ion	Ratio	Lower	Upper
101	100		
85	42.2	34.8	52.2
151	74.6	64.0	96.0

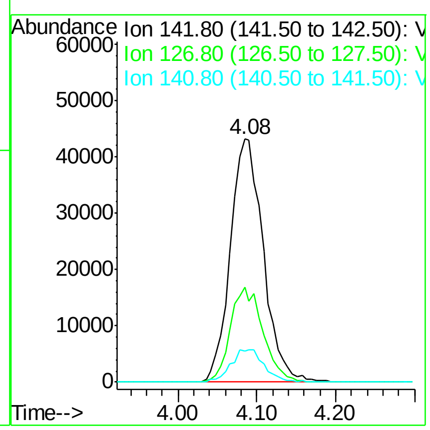


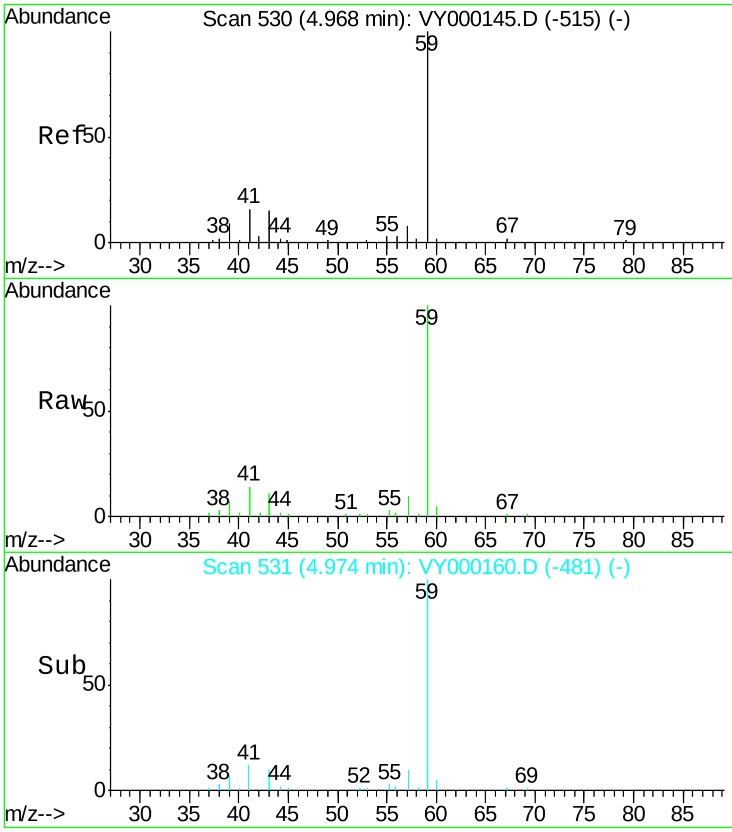


#10
Methyl Iodide
Concen: 49.823 ug/l
RT: 4.08 min   Scan# 385
Delta R.T.   0.00 min
Lab File: VY000160.D
Acq: 26 Sep 2019   18:11

Tgt Ion:142 Resp: 125808

Ion	Ratio	Lower	Upper
142	100		
127	38.6	30.0	45.0
141	13.6	11.0	16.6





#11
Tert butyl alcohol
Concen: 301.791 ug/l
RT: 4.97 min Scan# 531
Delta R.T. 0.01 min
Lab File: VY000160.D
Acq: 26 Sep 2019 18:11

Tgt Ion: 59 Resp: 44101

Ion	Ratio	Lower	Upper
59	100		
57	10.7	8.9	13.3

Instrument :
MSVOA_Y
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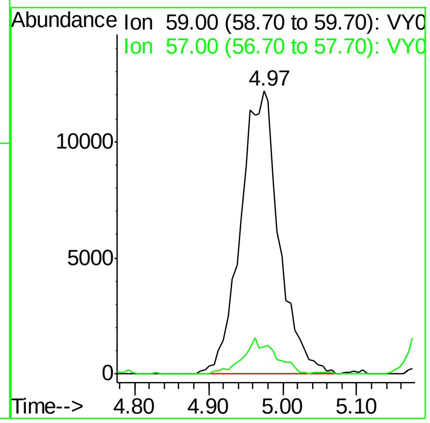
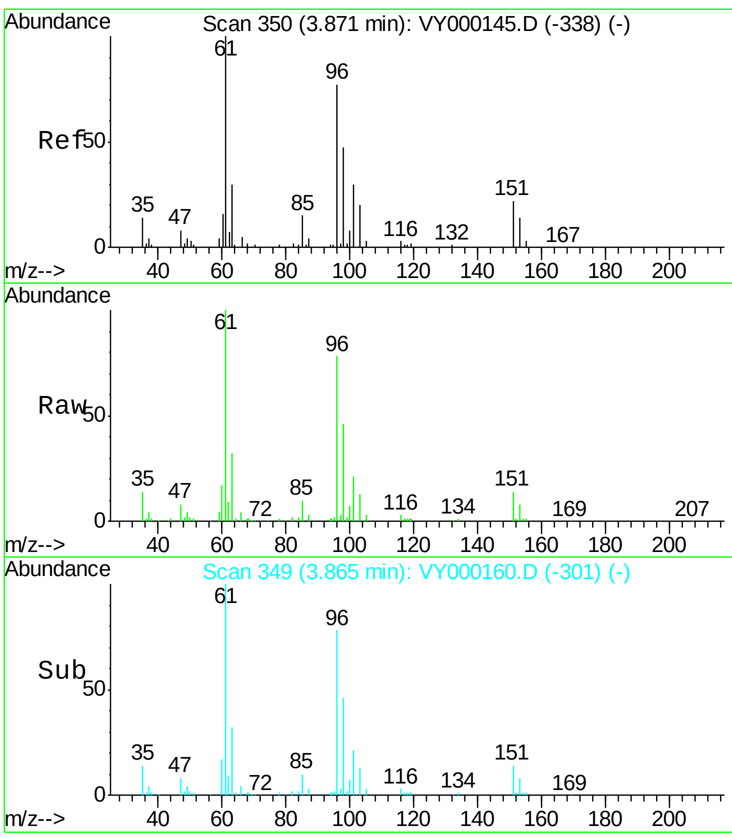
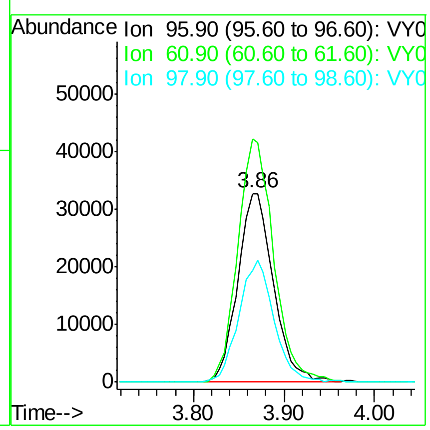


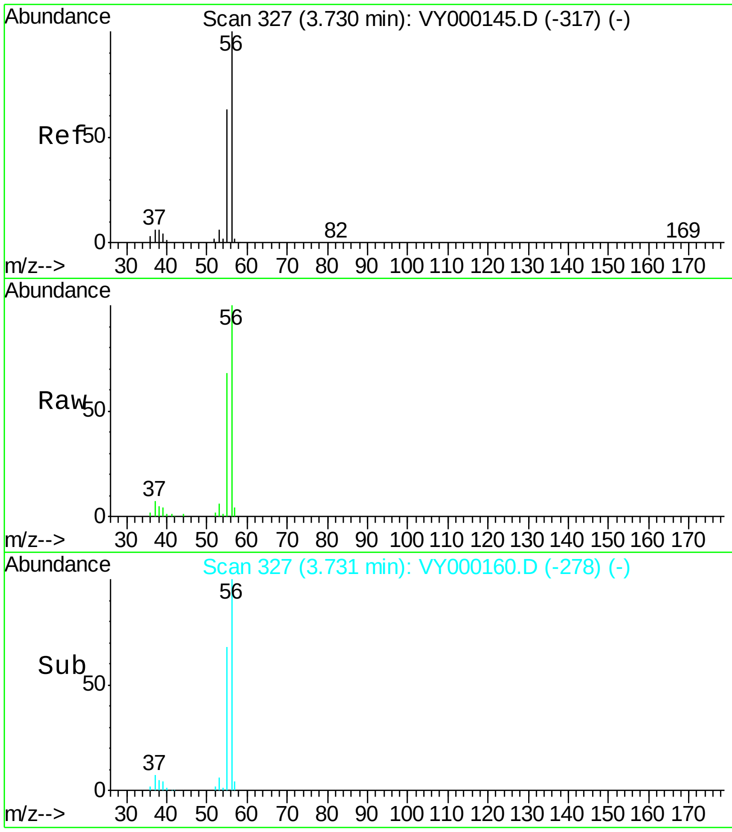


#12
1,1-Dichloroethene
Concen: 52.099 ug/l
RT: 3.86 min Scan# 349
Delta R.T. -0.01 min
Lab File: VY000160.D
Acq: 26 Sep 2019 18:11

Tgt Ion: 96 Resp: 89476

Ion	Ratio	Lower	Upper
96	100		
61	128.8	103.6	155.4
98	59.3	48.7	73.1





#13
Acrolein
Concen: 265.301 ug/l
RT: 3.73 min Scan# 327
Delta R.T. 0.00 min
Lab File: VY000160.D
Acq: 26 Sep 2019 18:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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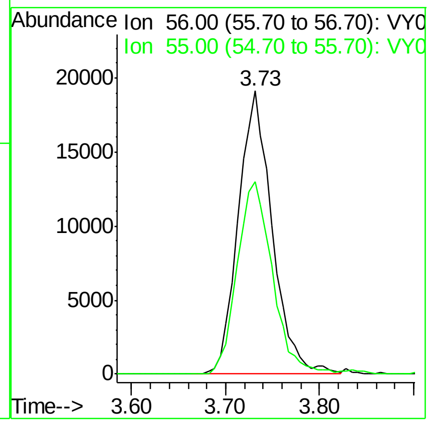
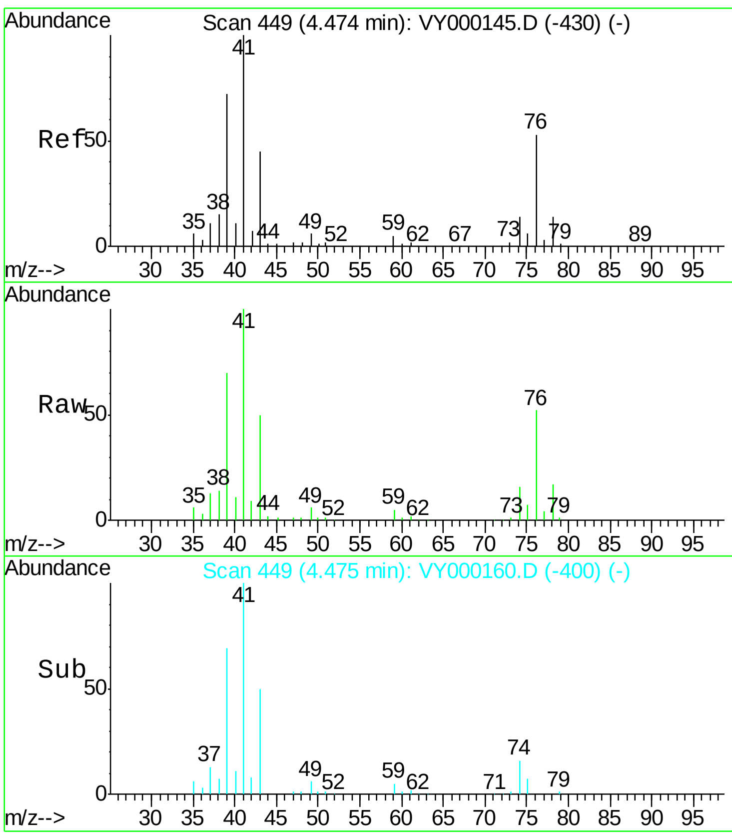
Tgt Ion: 56 Resp: 48146

Ion	Ratio	Lower	Upper
56	100		
55	70.6	53.1	79.7

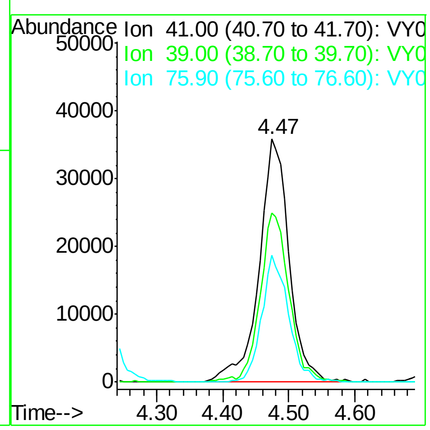


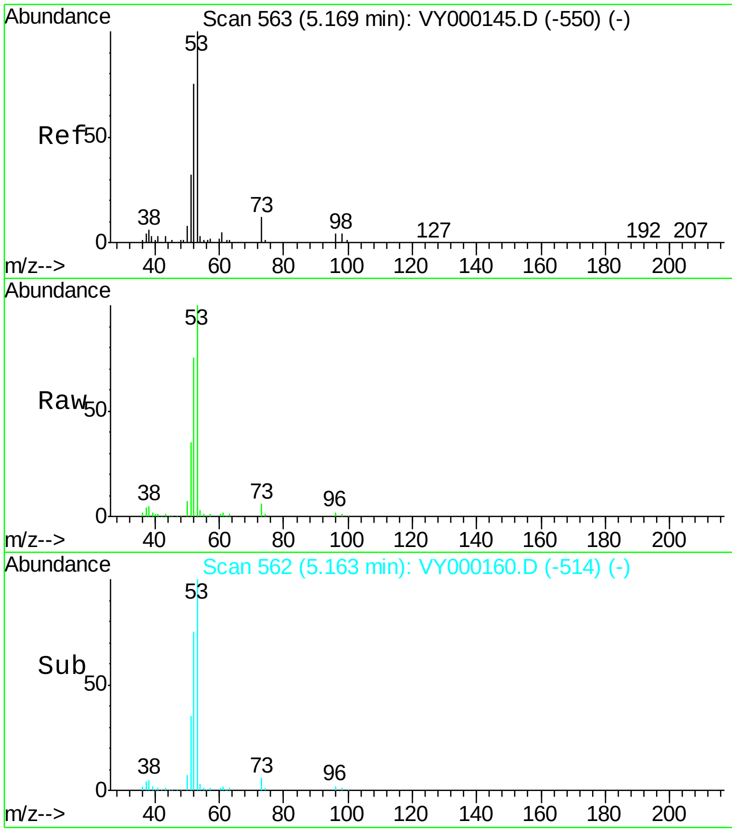


#14
Allyl chloride
Concen: 52.704 ug/l
RT: 4.47 min Scan# 449
Delta R.T. 0.00 min
Lab File: VY000160.D
Acq: 26 Sep 2019 18:11

Tgt Ion: 41 Resp: 113269

Ion	Ratio	Lower	Upper
41	100		
39	67.9	54.6	82.0
76	46.9	39.0	58.6





#15
Acrylonitrile
Concen: 296.753 ug/l
RT: 5.16 min Scan# 562
Delta R.T. -0.01 min
Lab File: VY000160.D
Acq: 26 Sep 2019 18:11

Instrument : MSVOA_Y
ClientSampleId : VSTDCCC050EC

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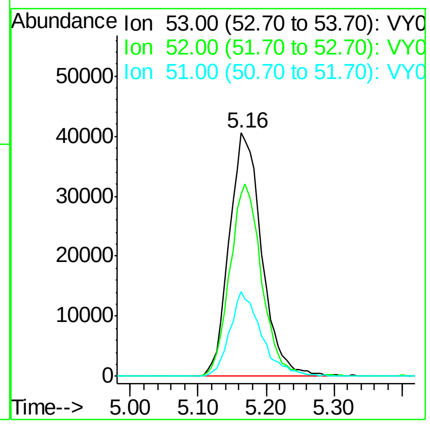
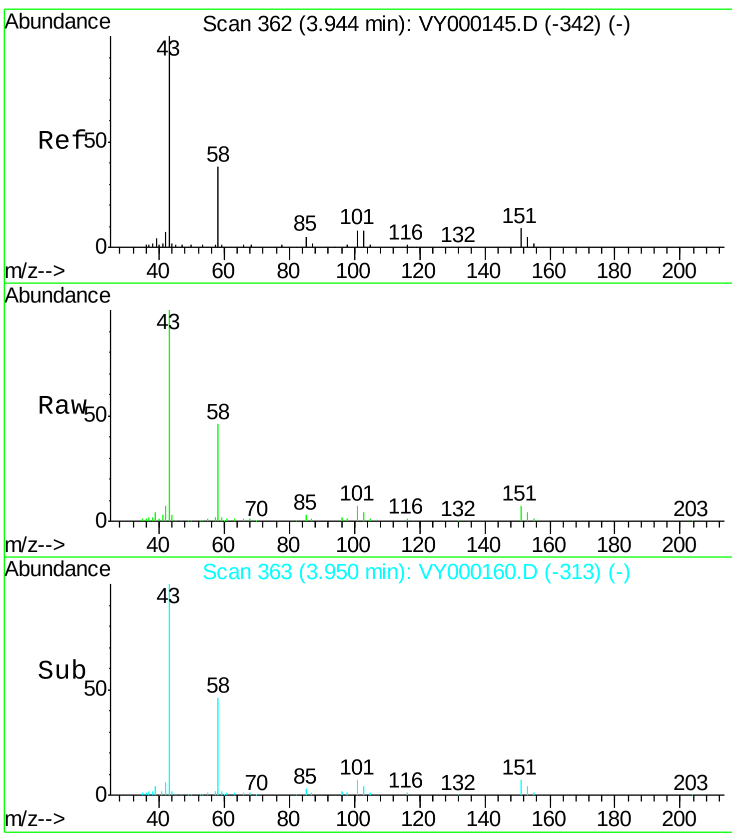
Tgt Ion: 53 Resp: 134996

Ion	Ratio	Lower	Upper
53	100		
52	76.6	62.9	94.3
51	33.8	27.5	41.3

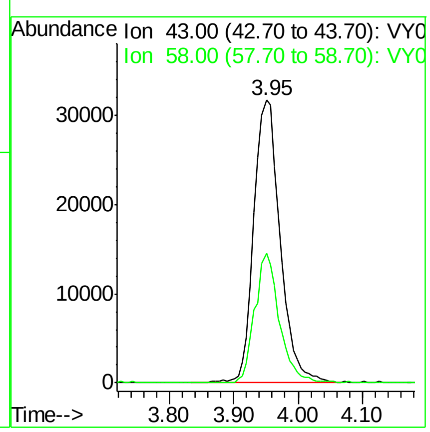


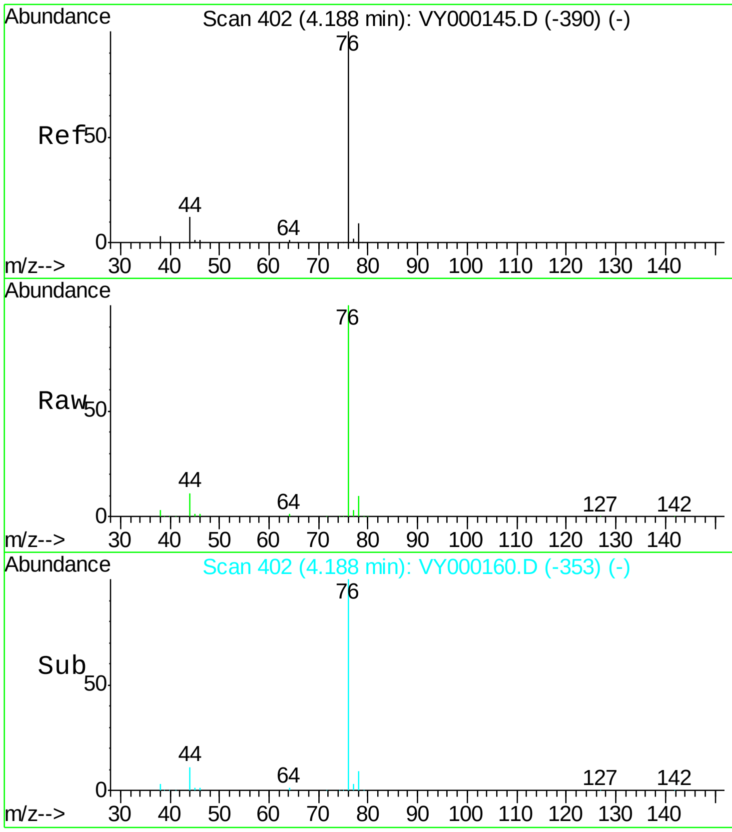


#16
Acetone
Concen: 240.274 ug/l
RT: 3.95 min Scan# 363
Delta R.T. 0.01 min
Lab File: VY000160.D
Acq: 26 Sep 2019 18:11

Tgt Ion: 43 Resp: 89149

Ion	Ratio	Lower	Upper
43	100		
58	46.1	30.4	45.6#





#17
Carbon Disulfide
Concen: 53.513 ug/l
RT: 4.19 min   Scan# 402
Delta R.T.   0.00 min
Lab File: VY000160.D
Acq: 26 Sep 2019   18:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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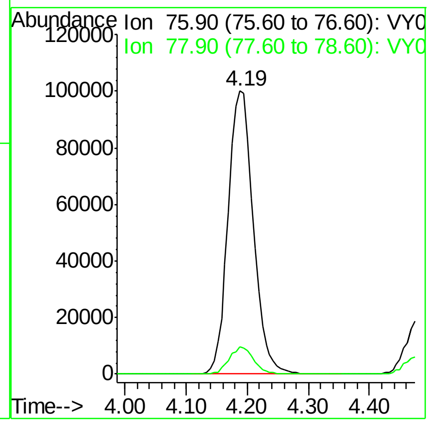
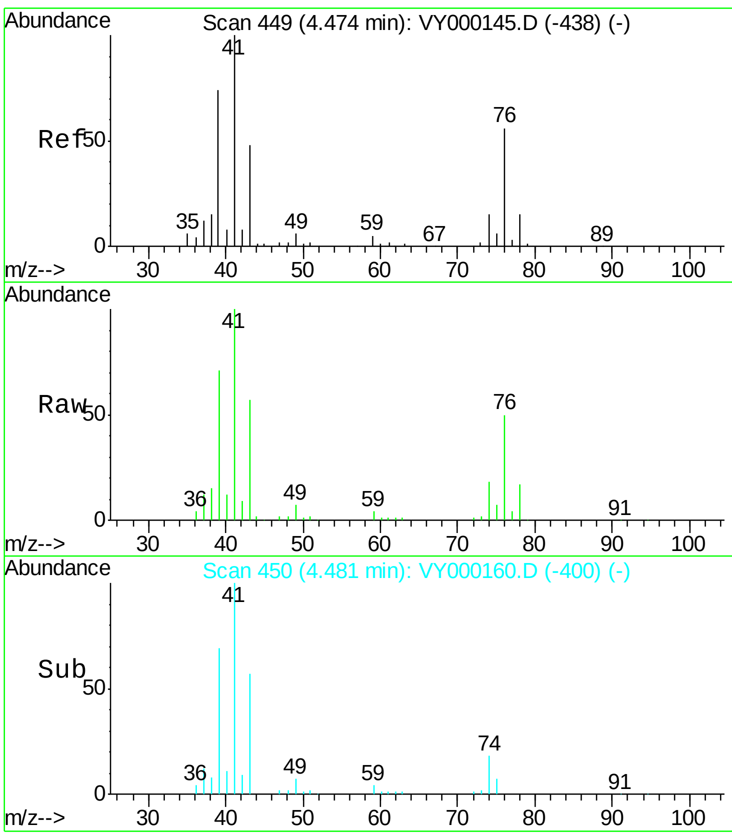
Tgt Ion: 76 Resp: 285080

Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.0	10.4

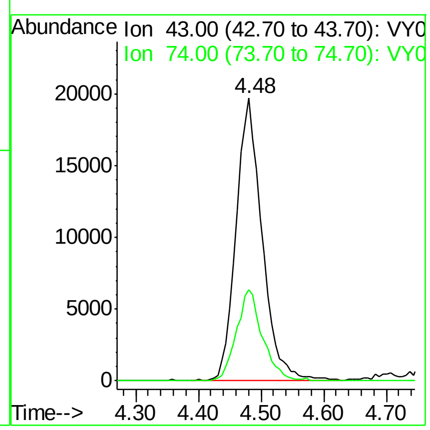


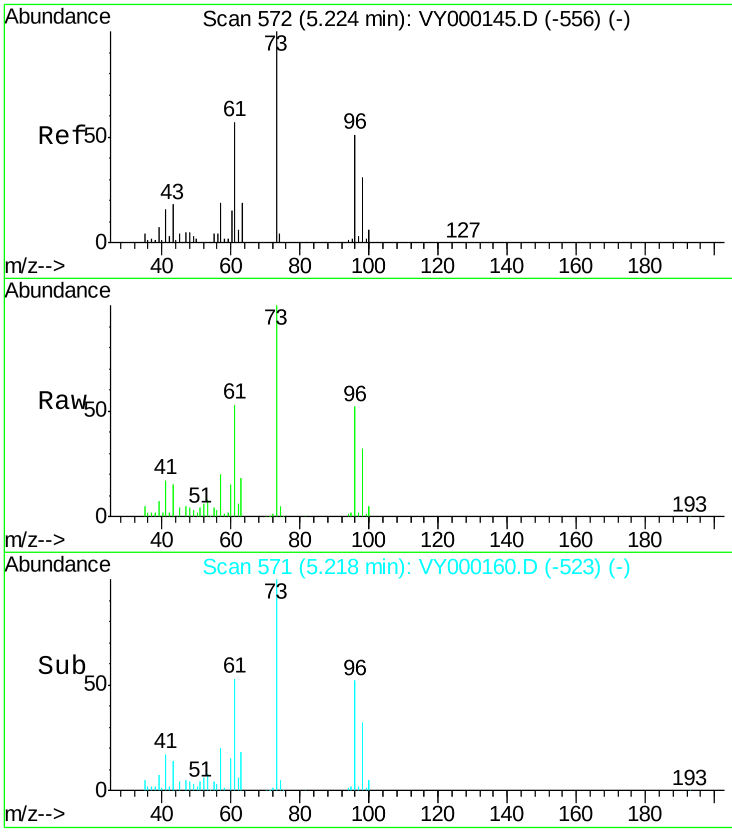


#18
Methyl Acetate
Concen: 53.706 ug/l
RT: 4.48 min   Scan# 450
Delta R.T.   0.01 min
Lab File: VY000160.D
Acq: 26 Sep 2019   18:11

Tgt Ion: 43 Resp: 56967

Ion	Ratio	Lower	Upper
43	100		
74	32.4	25.6	38.4





#19
Methyl tert-butyl Ether
Concen: 57.074 ug/l
RT: 5.22 min Scan# 571
Delta R.T. -0.01 min
Lab File: VY000160.D
Acq: 26 Sep 2019 18:11

Tgt Ion: 73 Resp: 232053

Ion	Ratio	Lower	Upper
73	100		
57	20.3	15.5	23.3

Instrument : MSVOA_Y
ClientSampleId : VSTDCCC050EC

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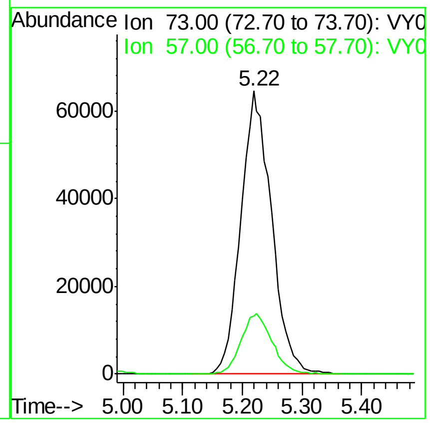
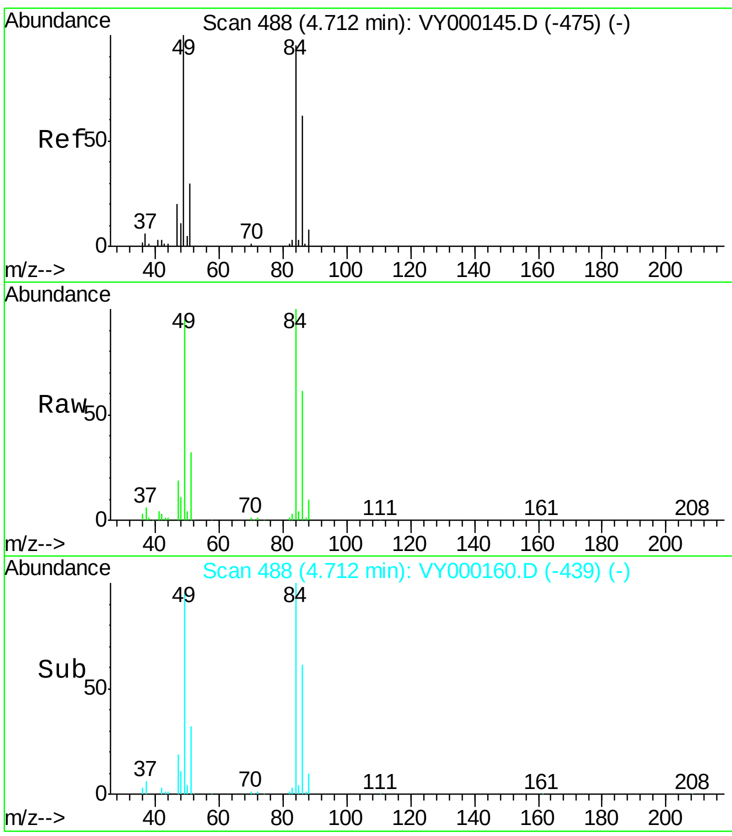
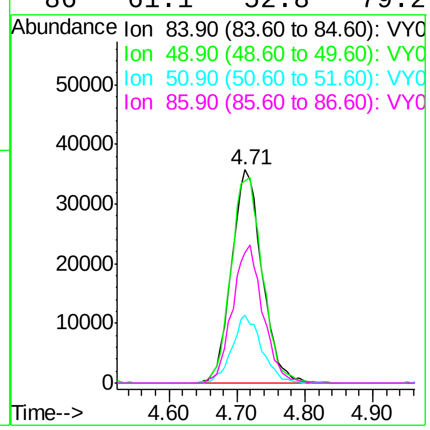


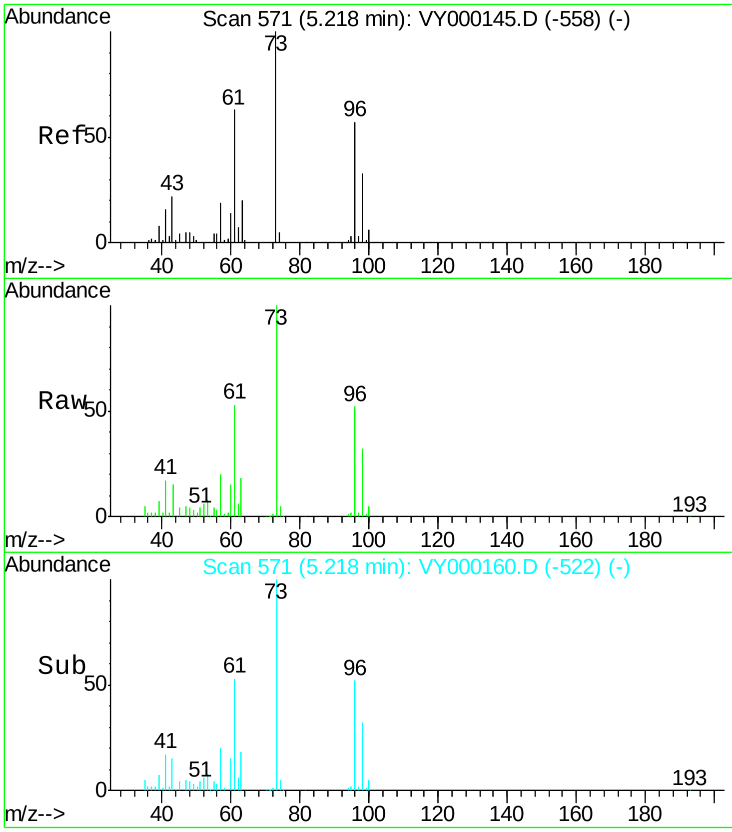


#20
Methylene Chloride
Concen: 63.205 ug/l
RT: 4.71 min Scan# 488
Delta R.T. 0.00 min
Lab File: VY000160.D
Acq: 26 Sep 2019 18:11

Tgt Ion: 84 Resp: 111495

Ion	Ratio	Lower	Upper
84	100		
49	95.0	84.6	126.8
51	31.8	25.4	38.2
86	61.1	52.8	79.2





#21
trans-1,2-Dichloroethene
Concen: 53.789 ug/l
RT: 5.22 min Scan# 571
Delta R.T. 0.00 min
Lab File: VY000160.D
Acq: 26 Sep 2019 18:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
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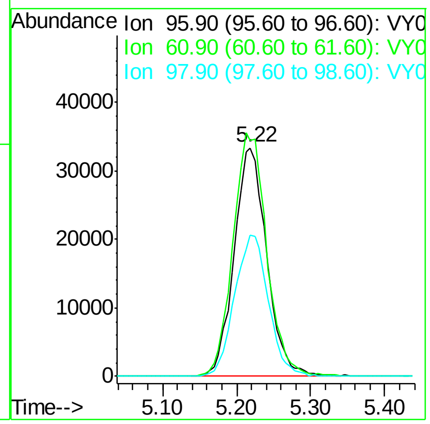
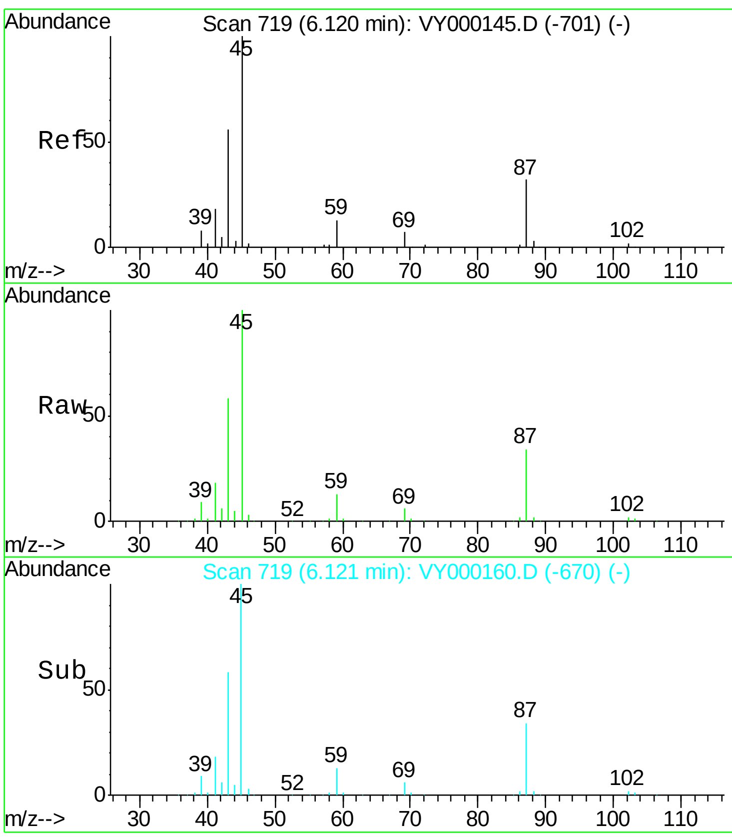
Tgt Ion: 96 Resp: 102926

Ion	Ratio	Lower	Upper
96	100		
61	103.0	88.0	132.0
98	61.6	45.6	68.4

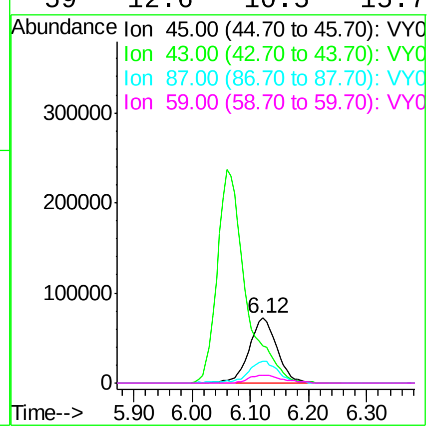


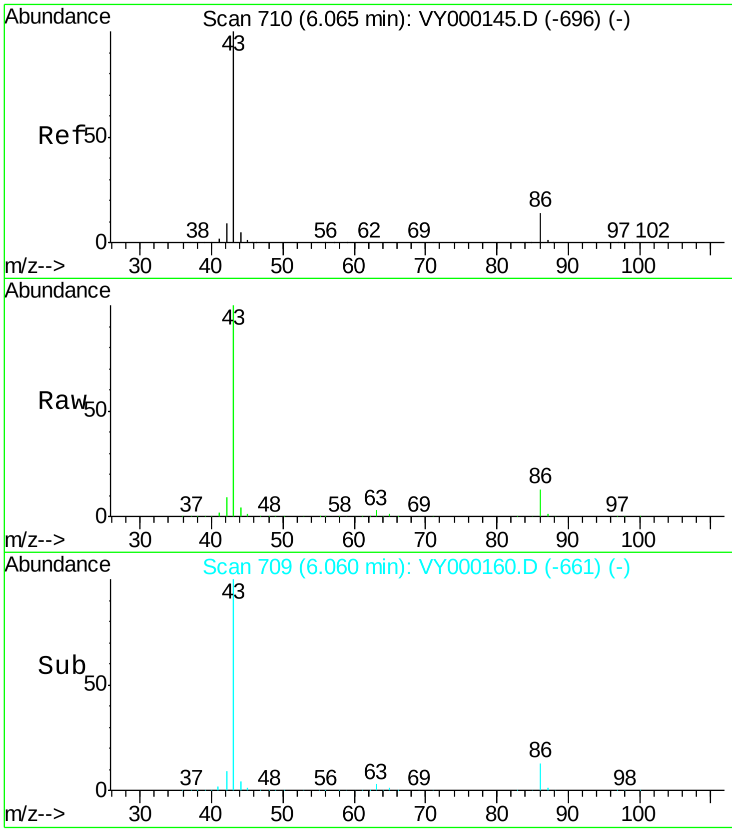


#22
Diisopropyl ether
Concen: 52.919 ug/l
RT: 6.12 min Scan# 719
Delta R.T. 0.00 min
Lab File: VY000160.D
Acq: 26 Sep 2019 18:11

Tgt Ion: 45 Resp: 239012

Ion	Ratio	Lower	Upper
45	100		
43	58.0	48.4	72.6
87	34.2	26.6	39.8
59	12.6	10.5	15.7





#23
Vinyl Acetate
Concen: 282.755 ug/l
RT: 6.06 min   Scan# 709
Delta R.T.   -0.01 min
Lab File: VY000160.D
Acq: 26 Sep 2019   18:11

Tgt Ion: 43 Resp: 800353

Ion	Ratio	Lower	Upper
43	100		
86	13.2	11.1	16.7

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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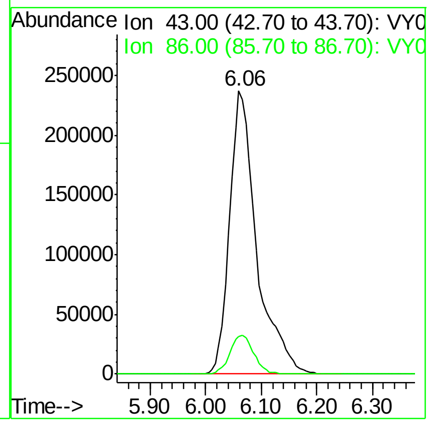
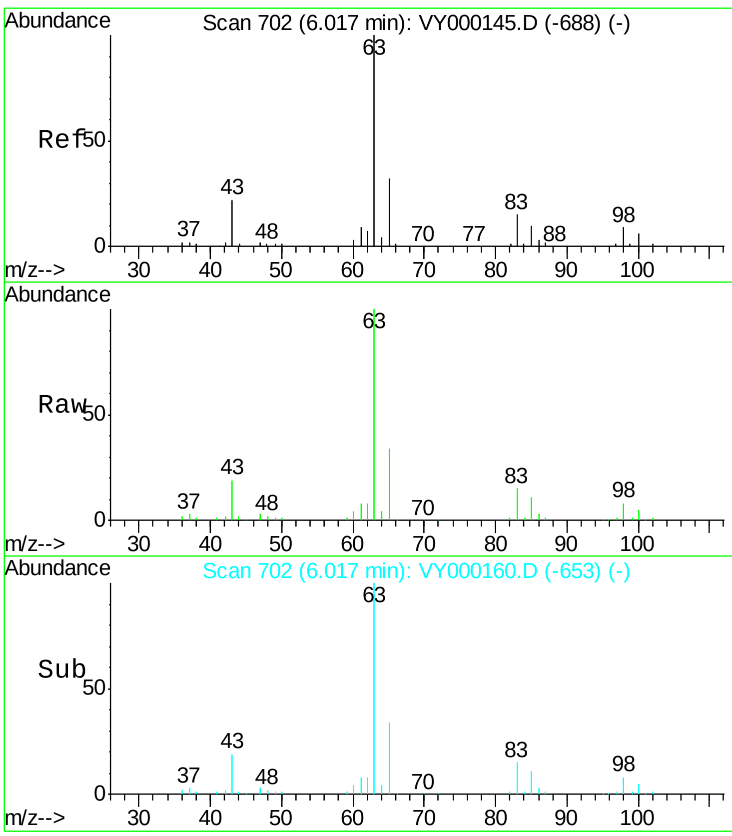
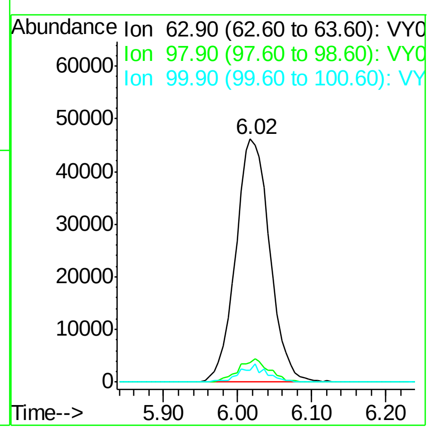


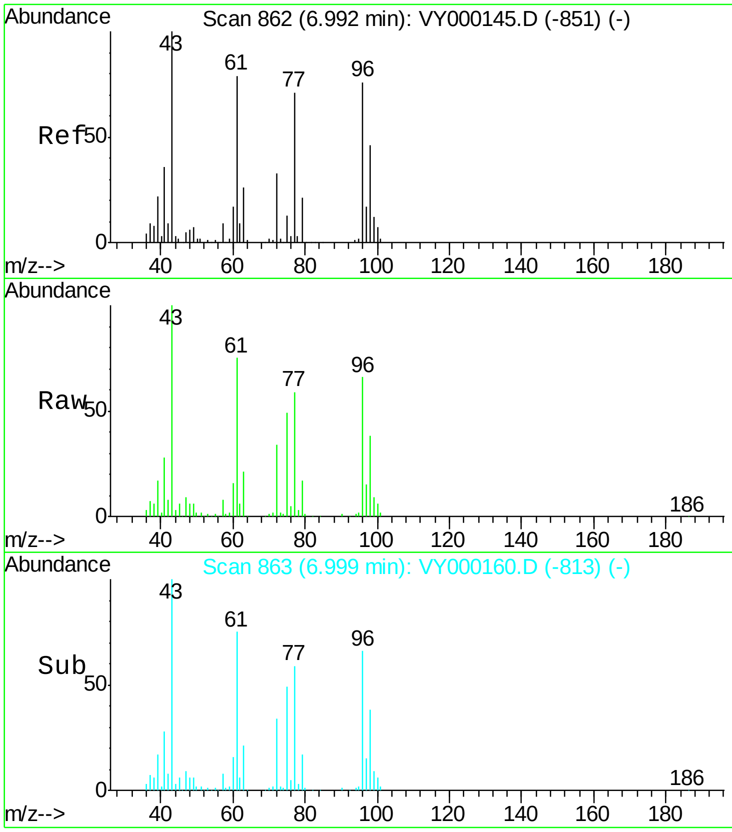


#24
1,1-Dichloroethane
Concen: 54.265 ug/l
RT: 6.02 min   Scan# 702
Delta R.T.   0.00 min
Lab File: VY000160.D
Acq: 26 Sep 2019   18:11

Tgt Ion: 63 Resp: 148367

Ion	Ratio	Lower	Upper
63	100		
98	8.1	4.6	13.8
100	4.8	2.8	8.4





#25
2-Butanone
Concen: 273.758 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.01 min
Lab File: VY000160.D
Acq: 26 Sep 2019 18:11

Tgt Ion: 43 Resp: 153726

Ion	Ratio	Lower	Upper
43	100		
72	33.9	26.8	40.2

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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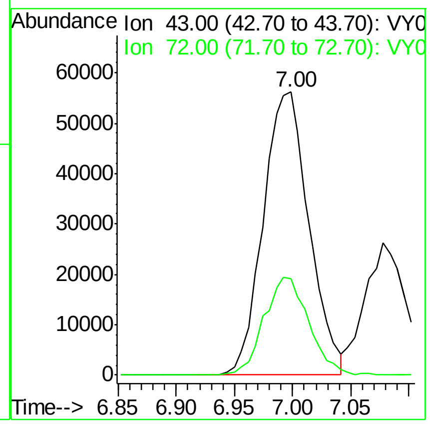
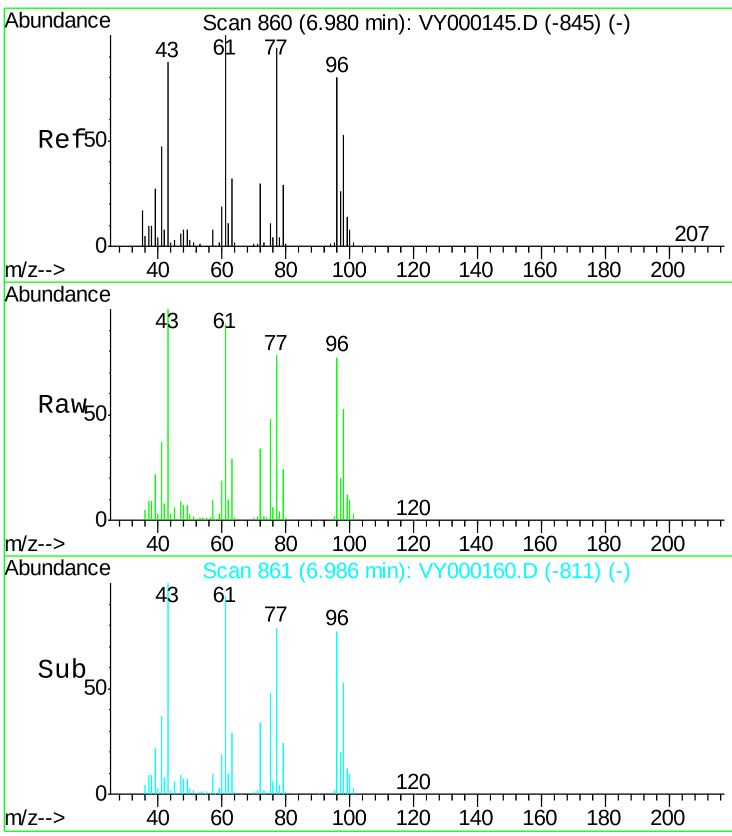
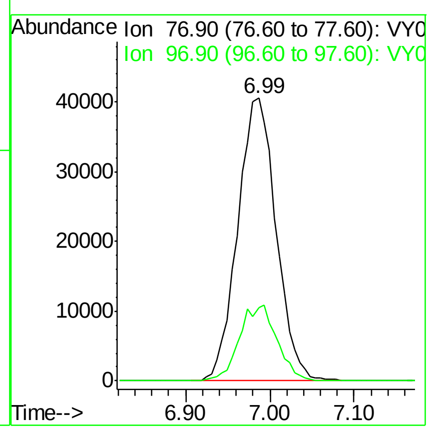


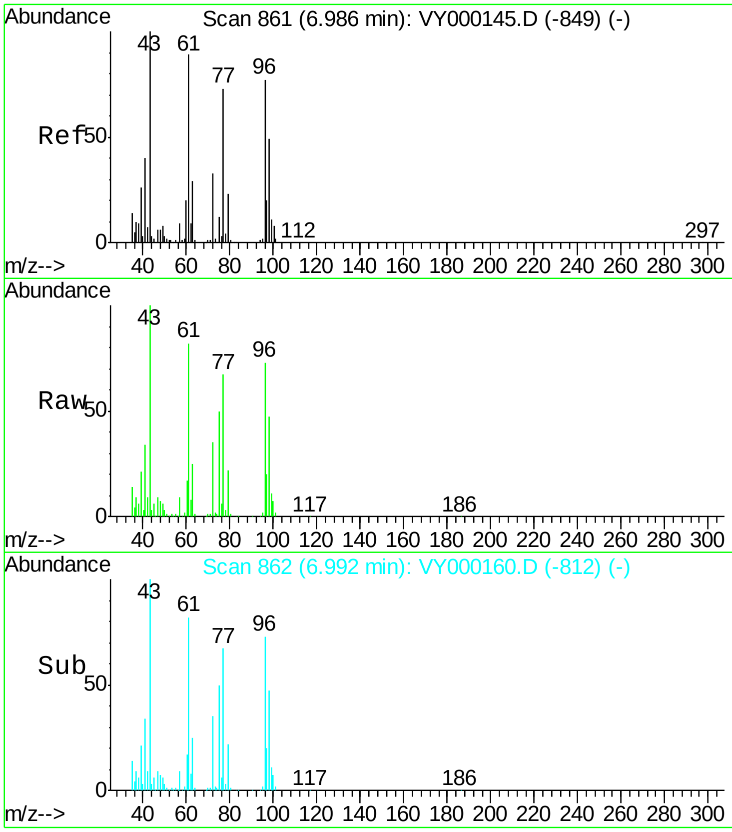


#26
2,2-Dichloropropane
Concen: 50.423 ug/l
RT: 6.99 min Scan# 861
Delta R.T. 0.01 min
Lab File: VY000160.D
Acq: 26 Sep 2019 18:11

Tgt Ion: 77 Resp: 125355

Ion	Ratio	Lower	Upper
77	100		
97	26.3	13.0	38.9





#27
cis-1,2-Dichloroethene
Concen: 54.110 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.01 min
Lab File: VY000160.D
Acq: 26 Sep 2019 18:11

Tgt Ion: 96 Resp: 115070

Ion	Ratio	Lower	Upper
96	100		
61	117.6	0.0	232.8
98	63.7	0.0	128.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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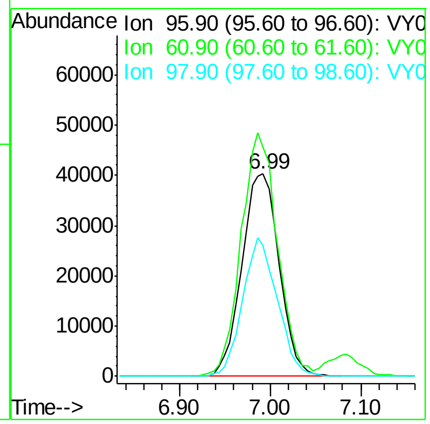
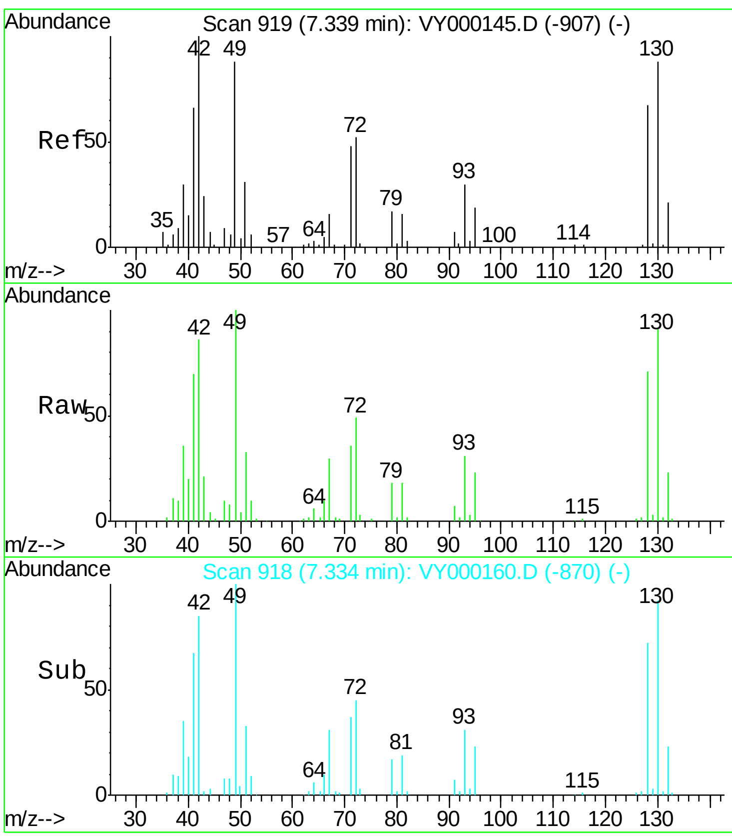
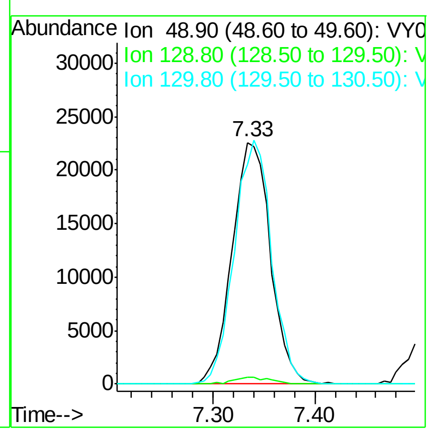


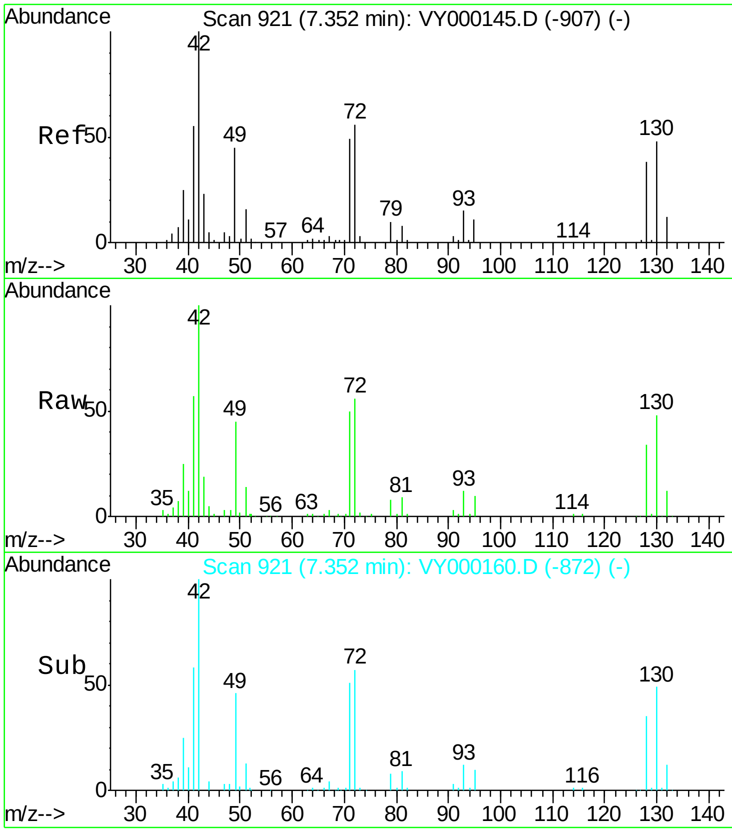


#28
Bromochloromethane
Concen: 56.620 ug/l
RT: 7.33 min Scan# 918
Delta R.T. -0.01 min
Lab File: VY000160.D
Acq: 26 Sep 2019 18:11

Tgt Ion: 49 Resp: 58979

Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	4.6
130	98.1	79.5	119.3





#29
Tetrahydrofuran
Concen: 282.834 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.00 min
Lab File: VY000160.D
Acq: 26 Sep 2019 18:11

Tgt Ion: 42 Resp: 97909

Ion	Ratio	Lower	Upper
42	100		
72	57.6	43.1	64.7
71	50.7	39.4	59.2

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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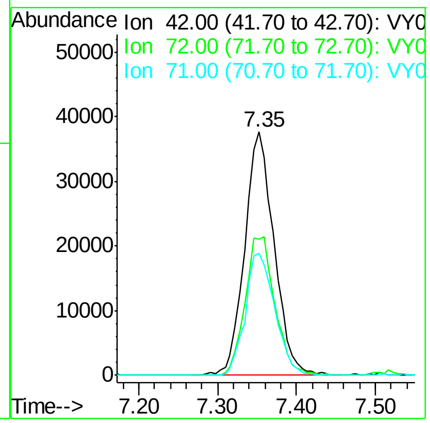
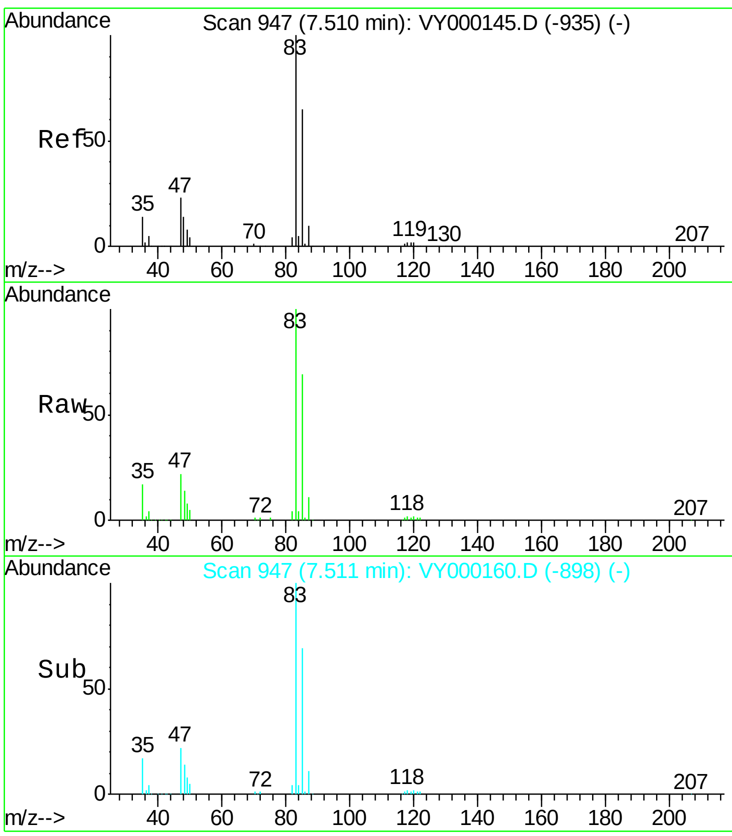
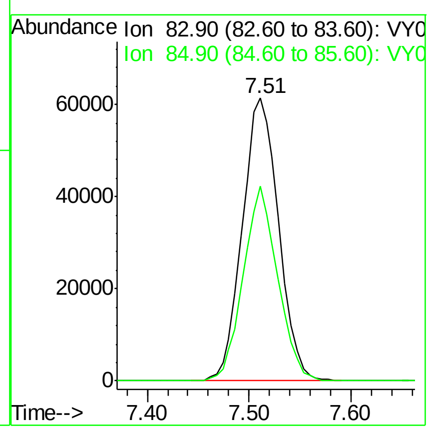


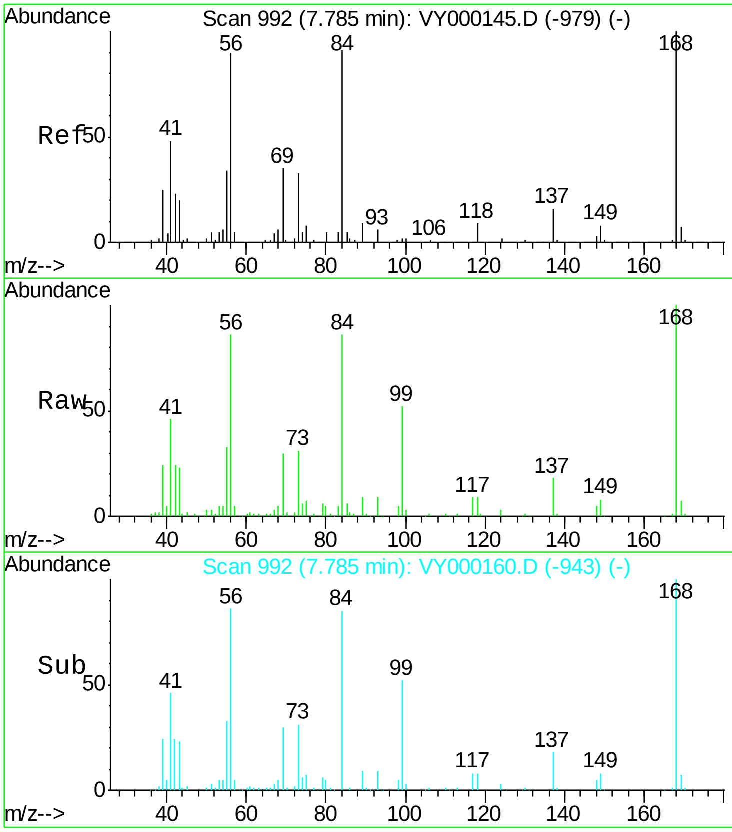


#30
Chloroform
Concen: 52.995 ug/l
RT: 7.51 min Scan# 947
Delta R.T. 0.00 min
Lab File: VY000160.D
Acq: 26 Sep 2019 18:11

Tgt Ion: 83 Resp: 151649

Ion	Ratio	Lower	Upper
83	100		
85	68.9	52.4	78.6





#31
Cyclohexane
Concen: 49.186 ug/l
RT: 7.78 min Scan# 992
Delta R.T. 0.00 min
Lab File: VY000160.D
Acq: 26 Sep 2019 18:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
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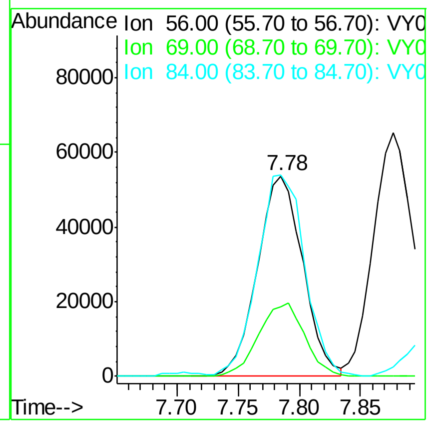
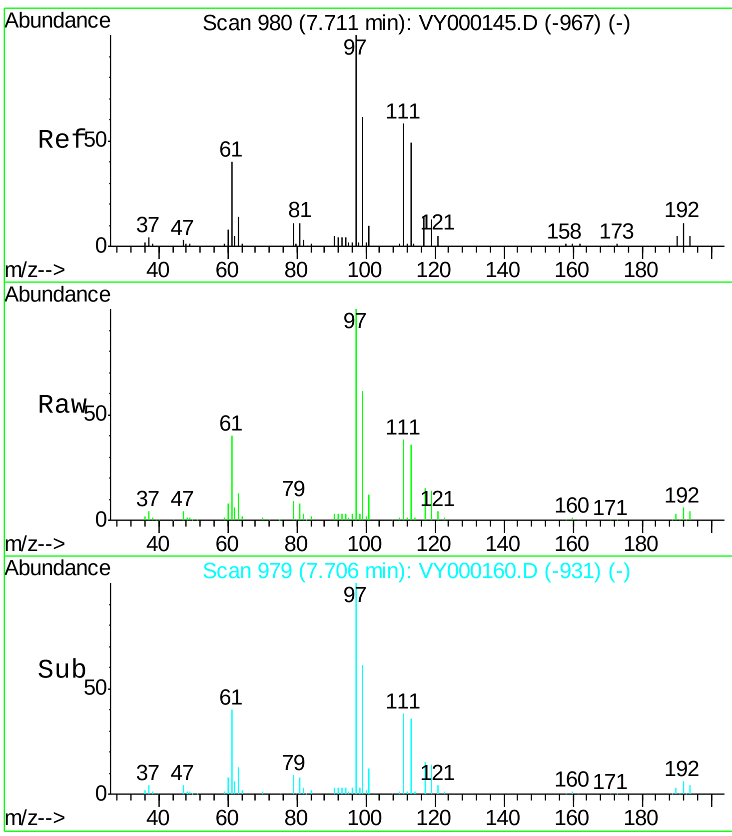
10/2/2019 9:13:23 AM

Tgt Ion: 56 Resp: 139032

Ion	Ratio	Lower	Upper
56	100		
69	34.5	31.1	46.7
84	98.7	80.5	120.7

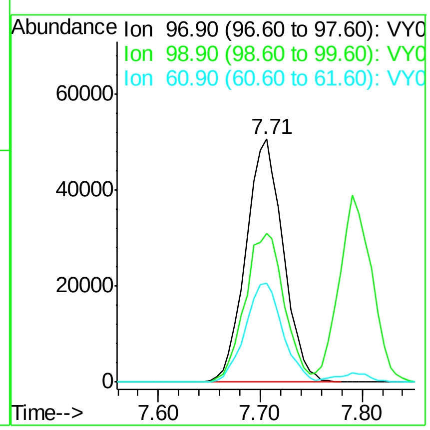


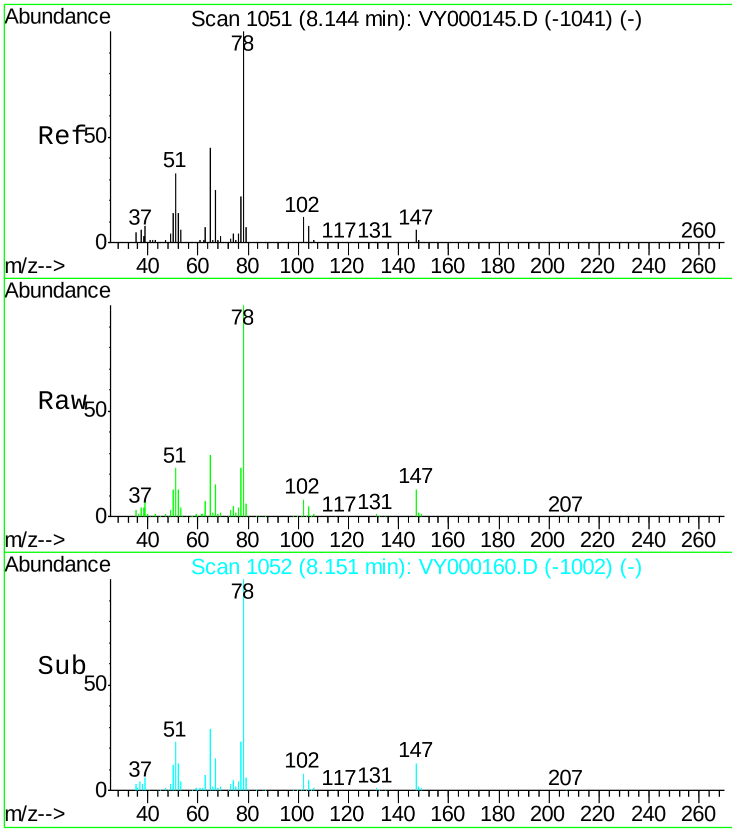


#32
1,1,1-Trichloroethane
Concen: 51.411 ug/l
RT: 7.71 min Scan# 979
Delta R.T. -0.01 min
Lab File: VY000160.D
Acq: 26 Sep 2019 18:11

Tgt Ion: 97 Resp: 128998

Ion	Ratio	Lower	Upper
97	100		
99	64.4	50.5	75.7
61	40.9	32.9	49.3





#33
1,2-Dichloroethane-d4
Concen: 55.880 ug/l
RT: 8.15 min   Scan# 1052
Delta R.T.   0.01 min
Lab File: VY000160.D
Acq: 26 Sep 2019   18:11

Tgt Ion: 65 Resp: 81734
Ion Ratio Lower Upper
65 100
67 55.2 0.0 110.6

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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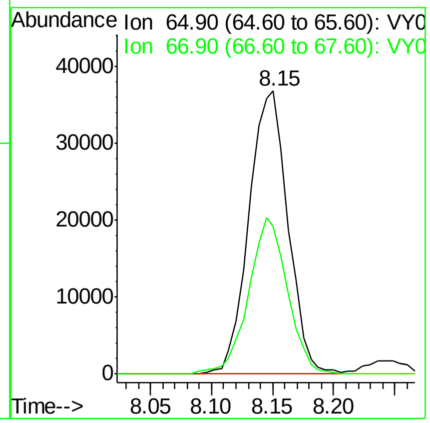
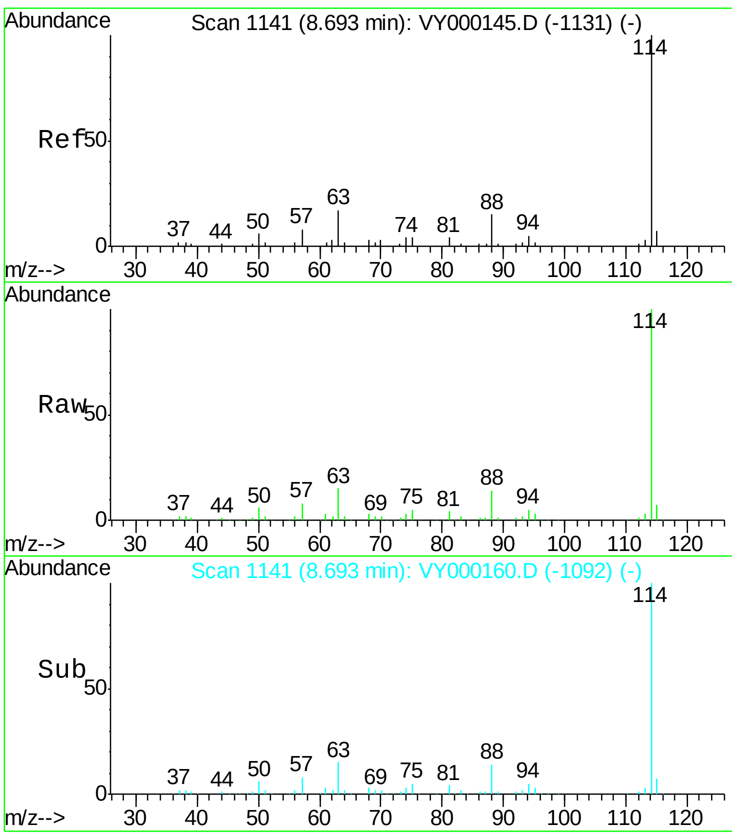
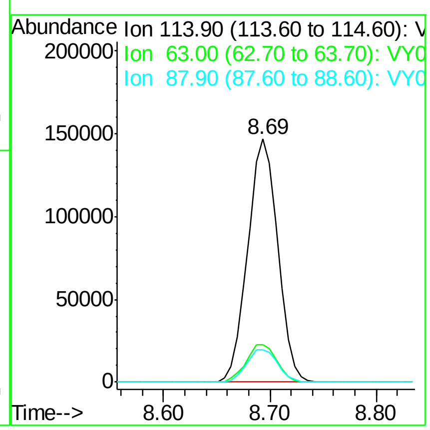
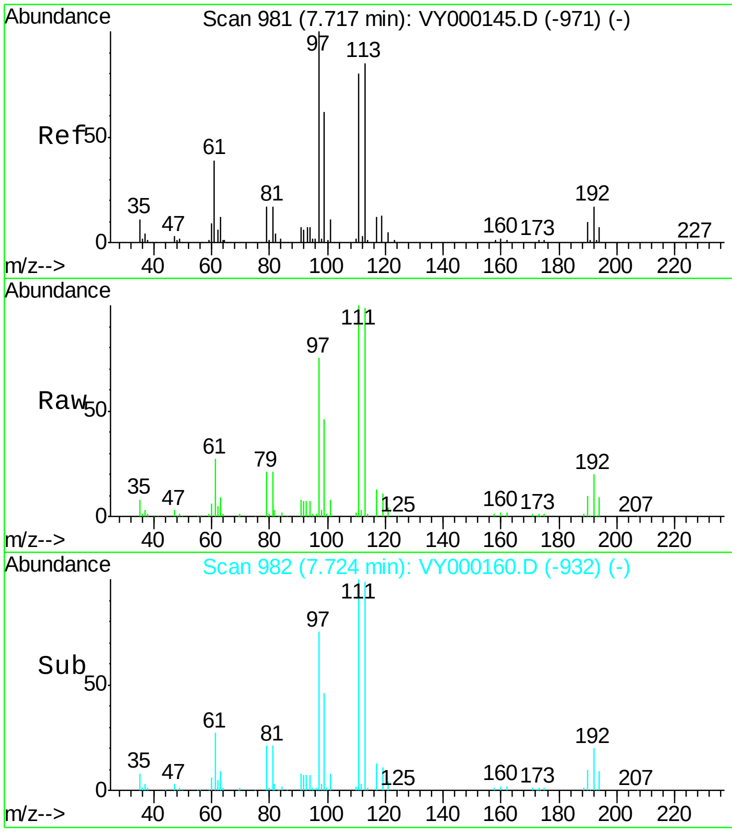




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.69 min   Scan# 1141
Delta R.T.   0.00 min
Lab File: VY000160.D
Acq: 26 Sep 2019   18:11

Tgt Ion:114 Resp: 292723
Ion Ratio Lower Upper
114 100
63 15.4 0.0 34.6
88 13.6 0.0 30.6





#35
Dibromofluoromethane
Concen: 54.236 ug/l
RT: 7.72 min Scan# 982
Delta R.T. 0.01 min
Lab File: VY000160.D
Acq: 26 Sep 2019 18:11

Instrument : MSVOA_Y
ClientSampleId : VSTDCCC050EC

Manual Integrations APPROVED
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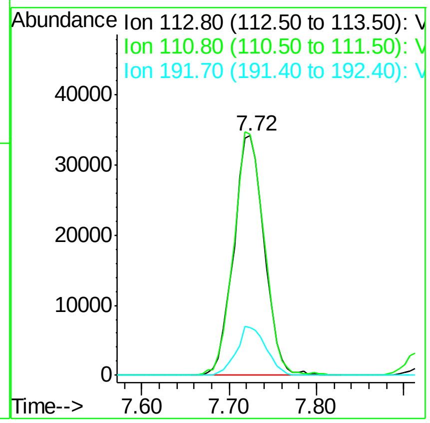
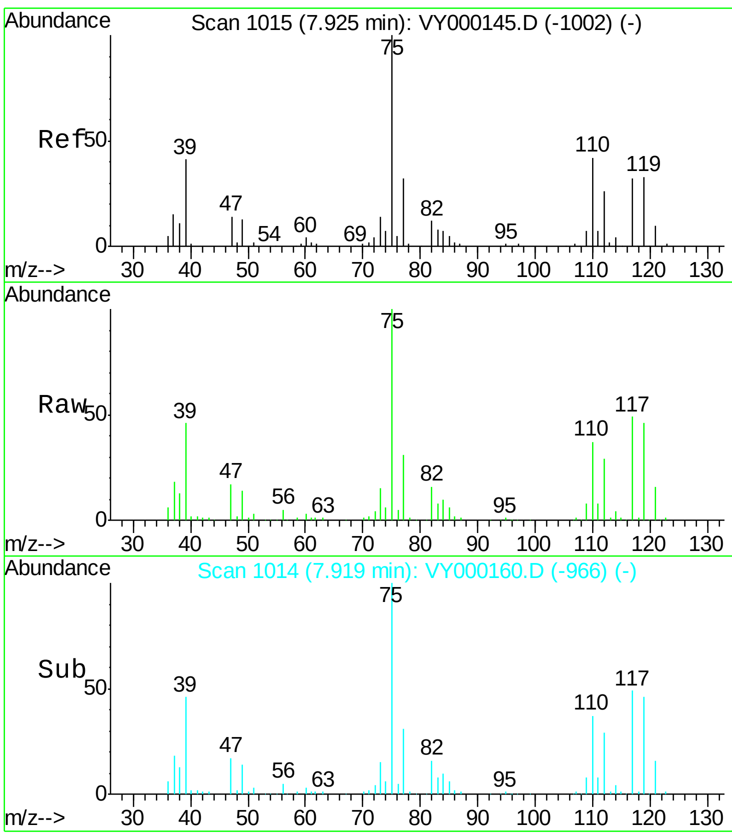
10/2/2019 9:13:23 AM

Tgt Ion:113 Resp: 83143

Ion	Ratio	Lower	Upper
113	100		
111	100.7	82.0	123.0
192	20.0	17.3	25.9

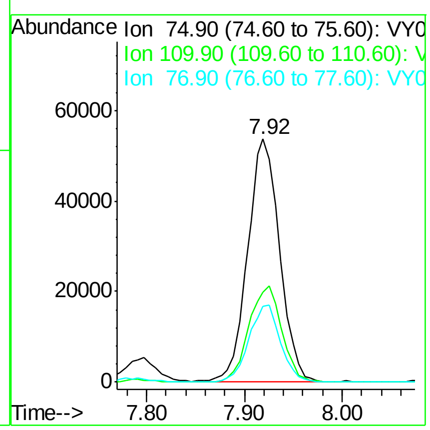


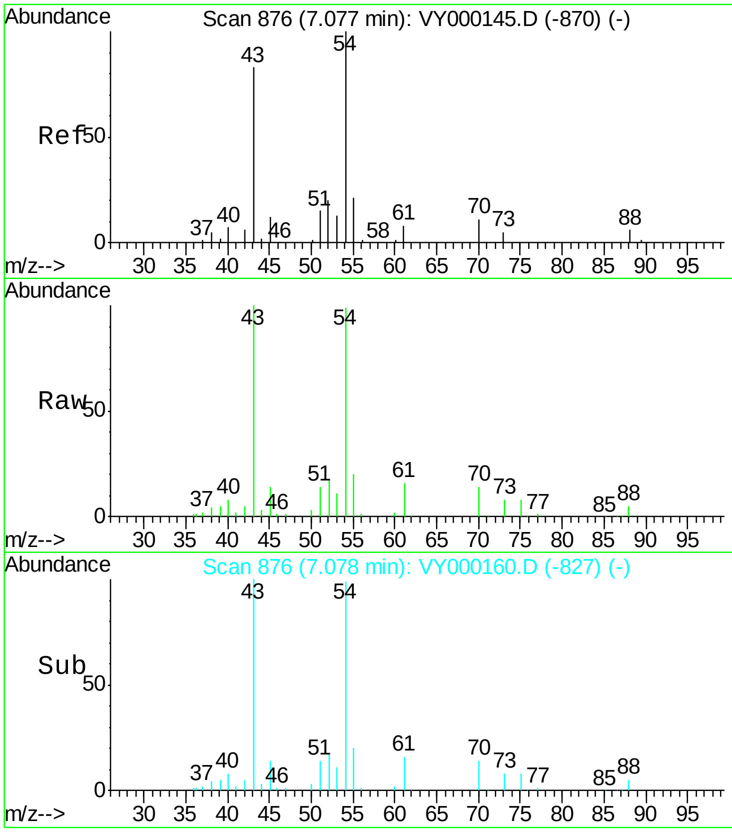


#36
1,1-Dichloropropene
Concen: 49.683 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. -0.01 min
Lab File: VY000160.D
Acq: 26 Sep 2019 18:11

Tgt Ion: 75 Resp: 120860

Ion	Ratio	Lower	Upper
75	100		
110	40.9	21.1	63.1
77	31.6	24.6	36.8





#37
Ethyl Acetate
Concen: 52.098 ug/l
RT: 7.08 min Scan# 876
Delta R.T. 0.00 min
Lab File: VY000160.D
Acq: 26 Sep 2019 18:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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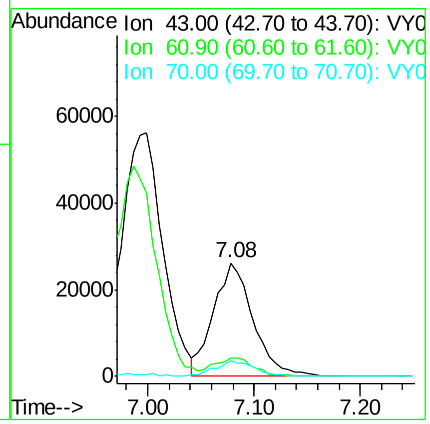
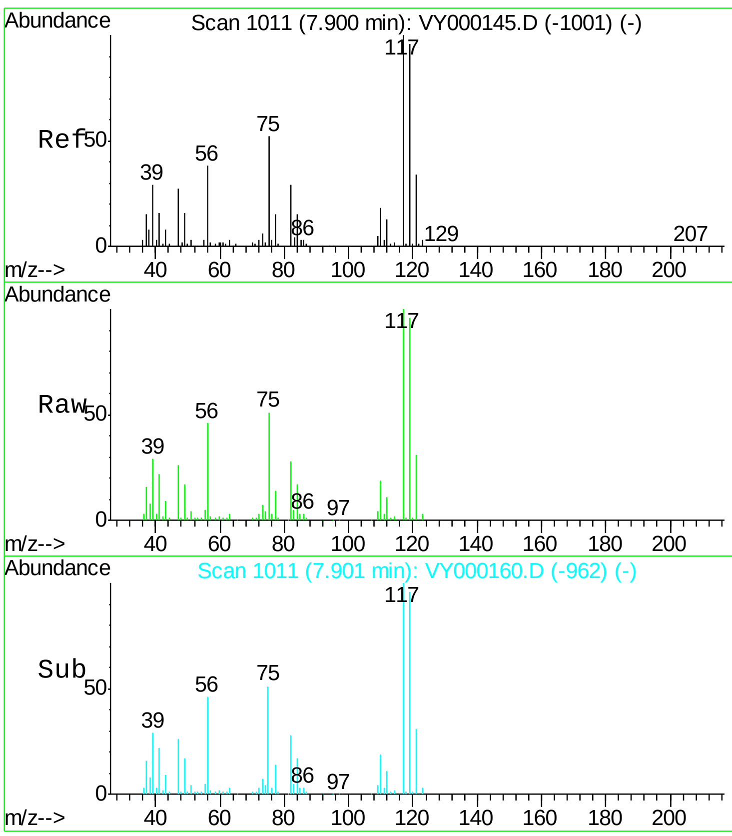
Tgt Ion: 43 Resp: 66947

Ion	Ratio	Lower	Upper
43	100		
61	17.0	11.9	17.9
70	13.6	10.2	15.2

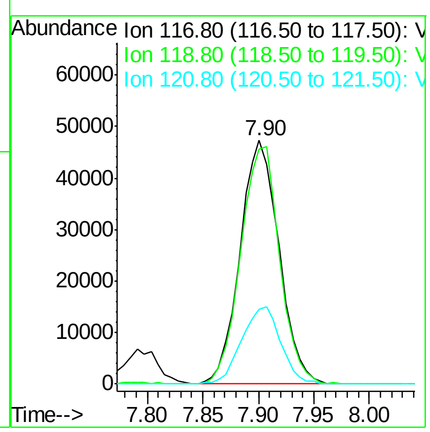


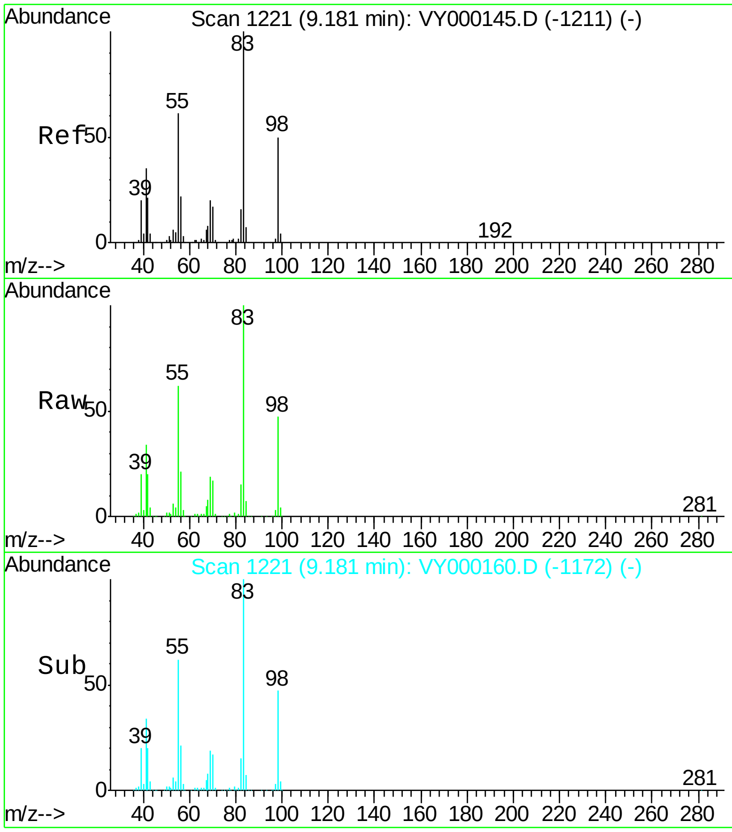


#38
Carbon Tetrachloride
Concen: 48.554 ug/l
RT: 7.90 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VY000160.D
Acq: 26 Sep 2019 18:11

Tgt Ion:117 Resp: 115305

Ion	Ratio	Lower	Upper
117	100		
119	96.2	76.9	115.3
121	30.6	27.4	41.0





#39
Methylcyclohexane
Concen: 50.064 ug/l
RT: 9.18 min   Scan# 1221
Delta R.T.   0.00 min
Lab File: VY000160.D
Acq: 26 Sep 2019   18:11

Tgt Ion: 83 Resp: 172735

Ion	Ratio	Lower	Upper
83	100		
55	61.9	49.1	73.7
98	47.5	40.0	60.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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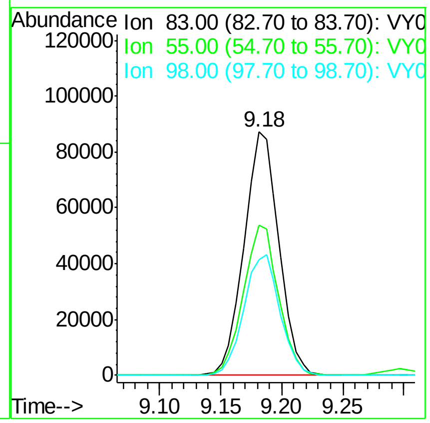
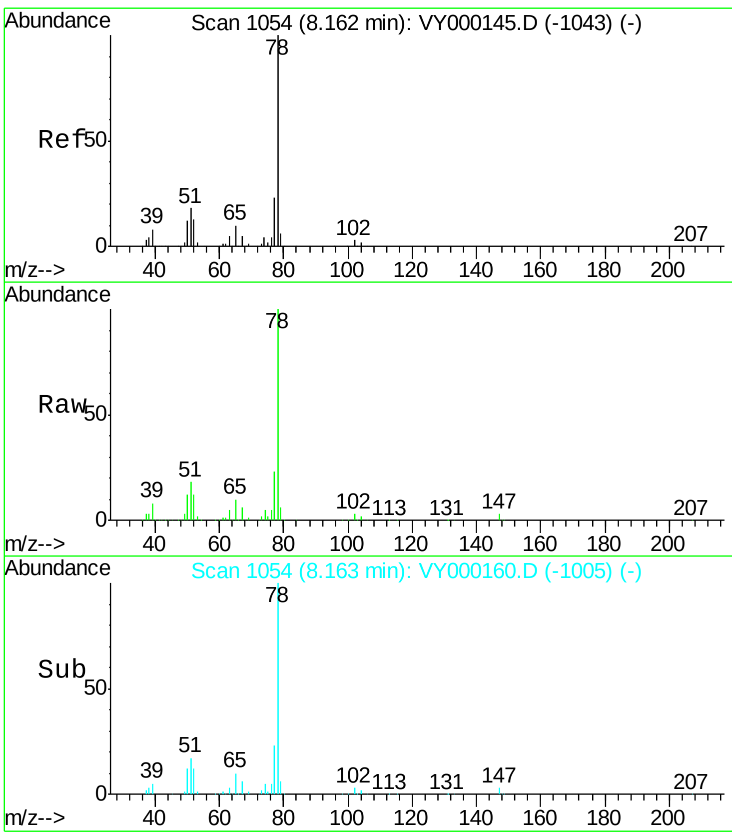
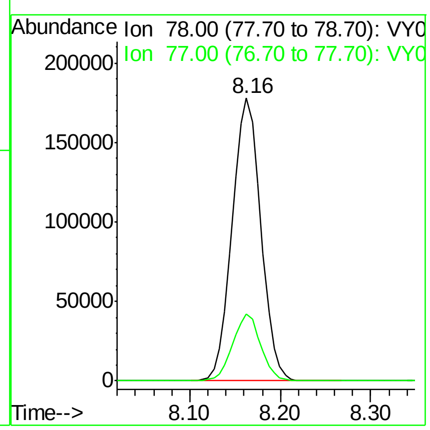


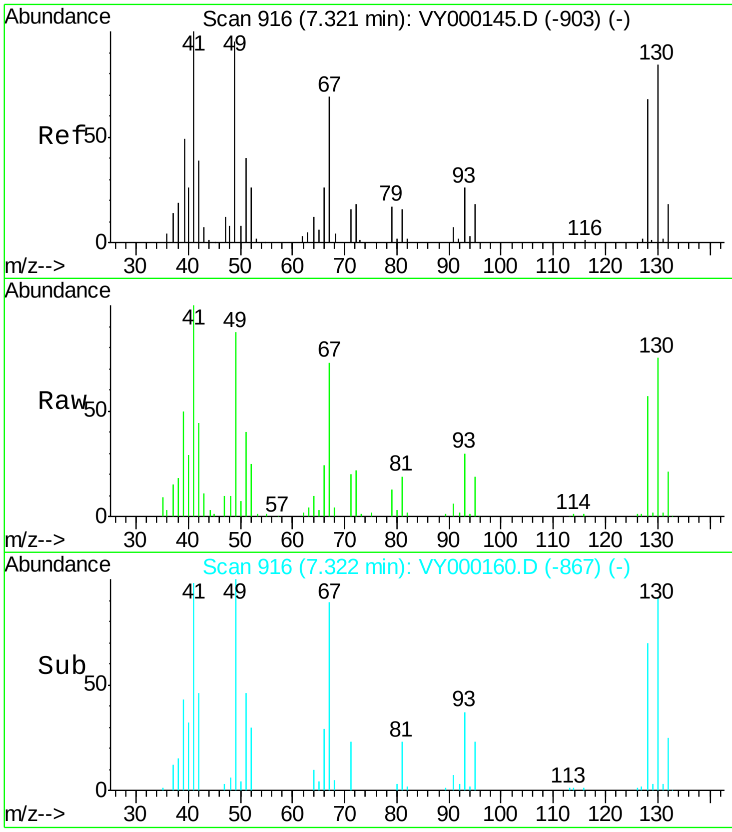


#40
Benzene
Concen: 50.868 ug/l
RT: 8.16 min   Scan# 1054
Delta R.T.   0.00 min
Lab File: VY000160.D
Acq: 26 Sep 2019   18:11

Tgt Ion: 78 Resp: 390880

Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.2	27.4





#41
Methacrylonitrile
Concen: 65.310 ug/l m
RT: 7.32 min Scan# 916
Delta R.T. 0.00 min
Lab File: VY000160.D
Acq: 26 Sep 2019 18:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
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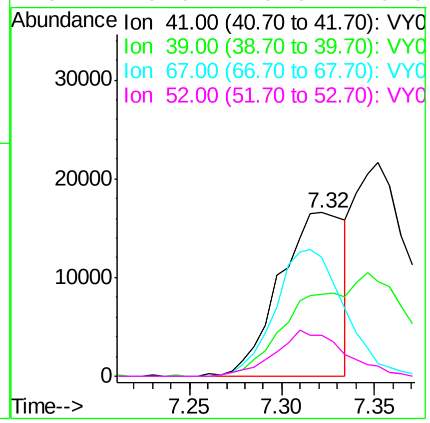
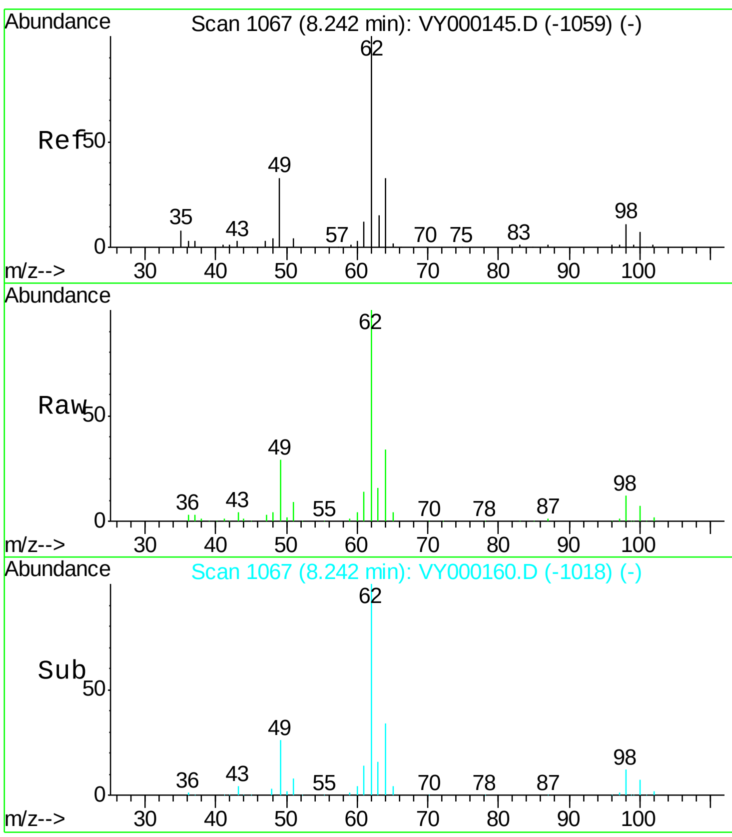
Tgt Ion: 41 Resp: 40426

Ion	Ratio	Lower	Upper
41	100		
39	104.8	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

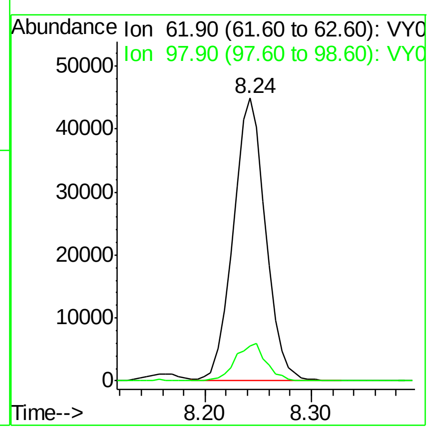


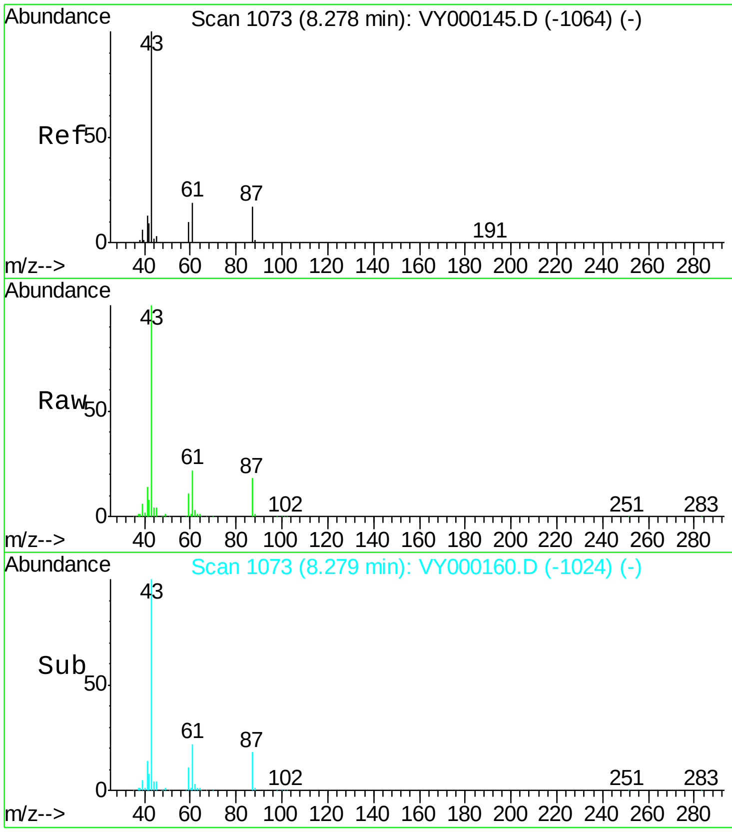


#42
1,2-Dichloroethane
Concen: 51.210 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY000160.D
Acq: 26 Sep 2019 18:11

Tgt Ion: 62 Resp: 95745

Ion	Ratio	Lower	Upper
62	100		
98	12.6	0.0	24.8





#43
Isopropyl Acetate
Concen: 53.803 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. 0.00 min
Lab File: VY000160.D
Acq: 26 Sep 2019 18:11

Instrument : MSVOA_Y
ClientSampleId : VSTDCCC050EC

Tgt Ion: 43 Resp: 127714

Ion	Ratio	Lower	Upper
43	100		
61	32.1	25.6	38.4
87	16.7	13.5	20.3

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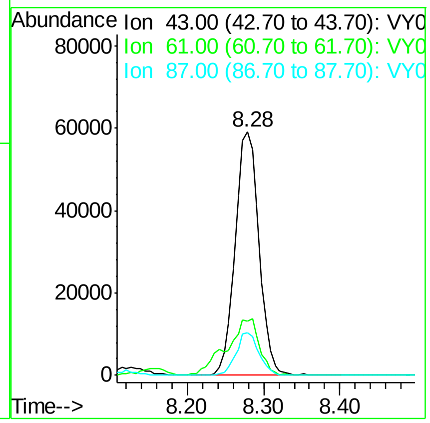
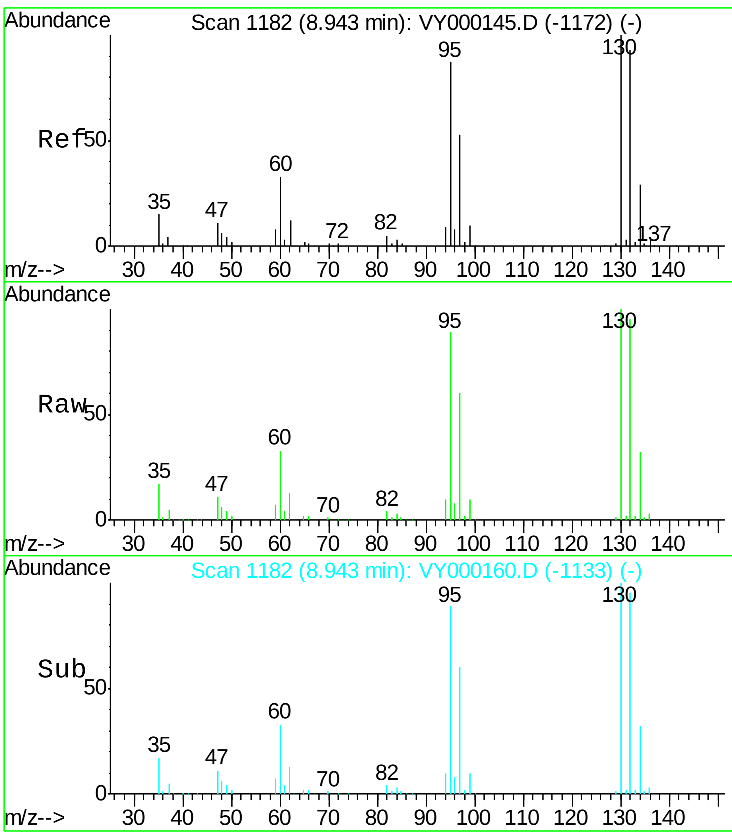
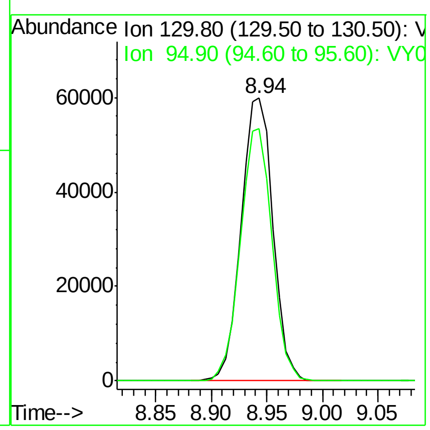


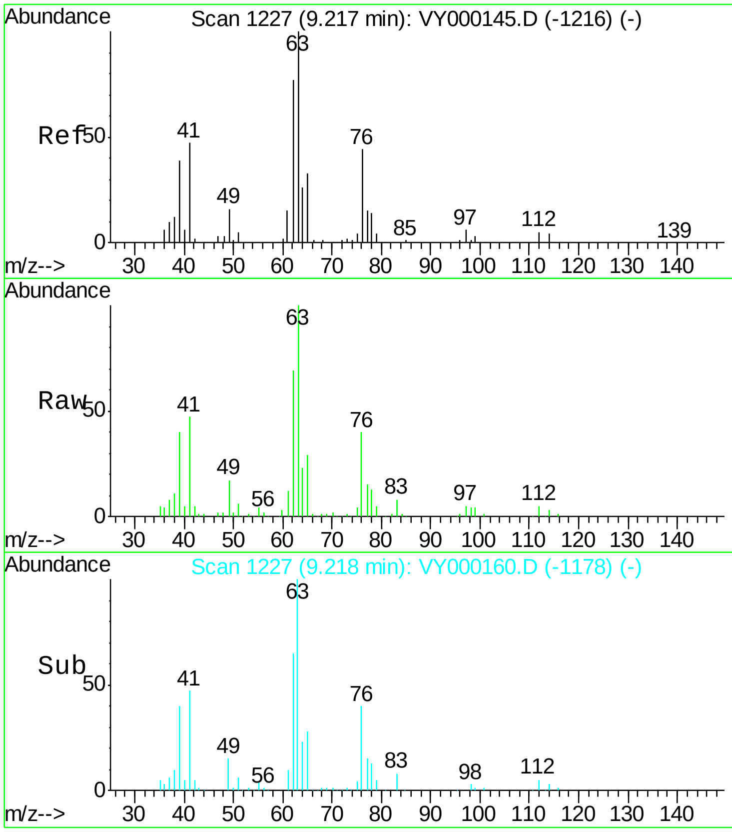


#44
Trichloroethene
Concen: 48.367 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VY000160.D
Acq: 26 Sep 2019 18:11

Tgt Ion:130 Resp: 118770

Ion	Ratio	Lower	Upper
130	100		
95	89.2	0.0	174.8





#45
1,2-Dichloropropane
Concen: 52.750 ug/l
RT: 9.22 min Scan# 1227
Delta R.T. 0.00 min
Lab File: VY000160.D
Acq: 26 Sep 2019 18:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
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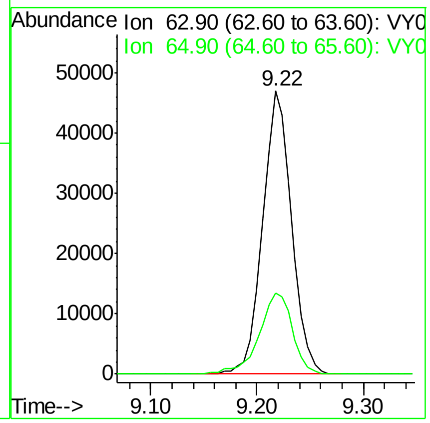
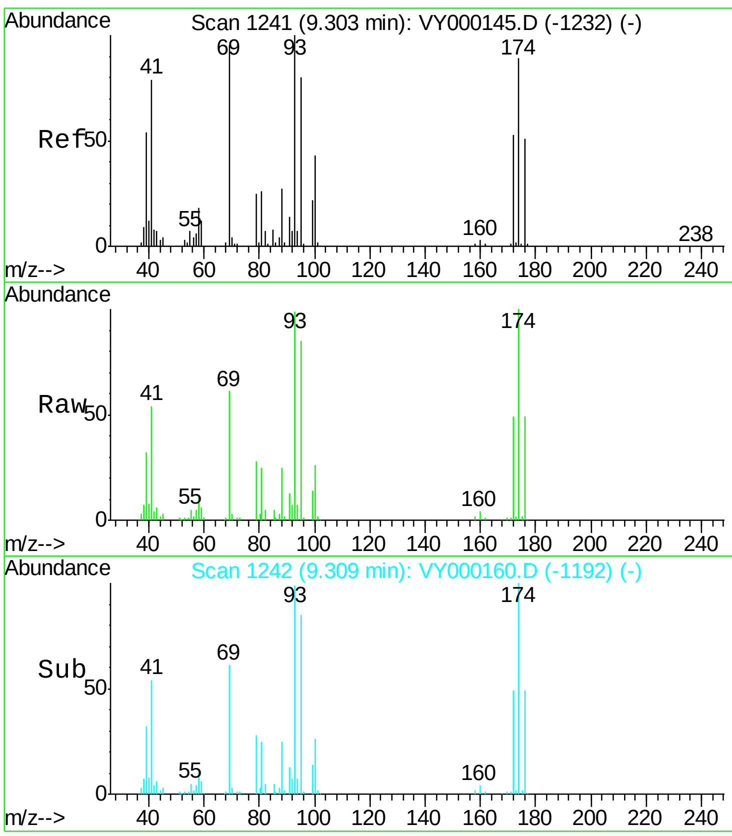
10/2/2019 9:13:23 AM

Tgt Ion: 63 Resp: 89418

Ion	Ratio	Lower	Upper
63	100		
65	28.8	26.8	40.2

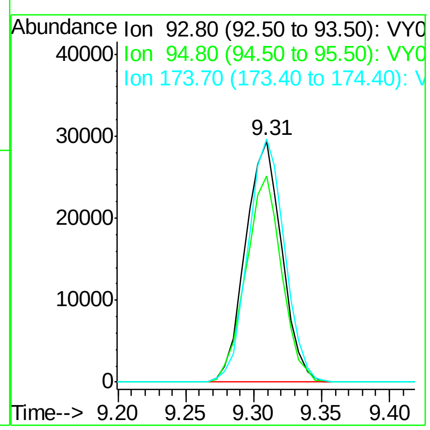


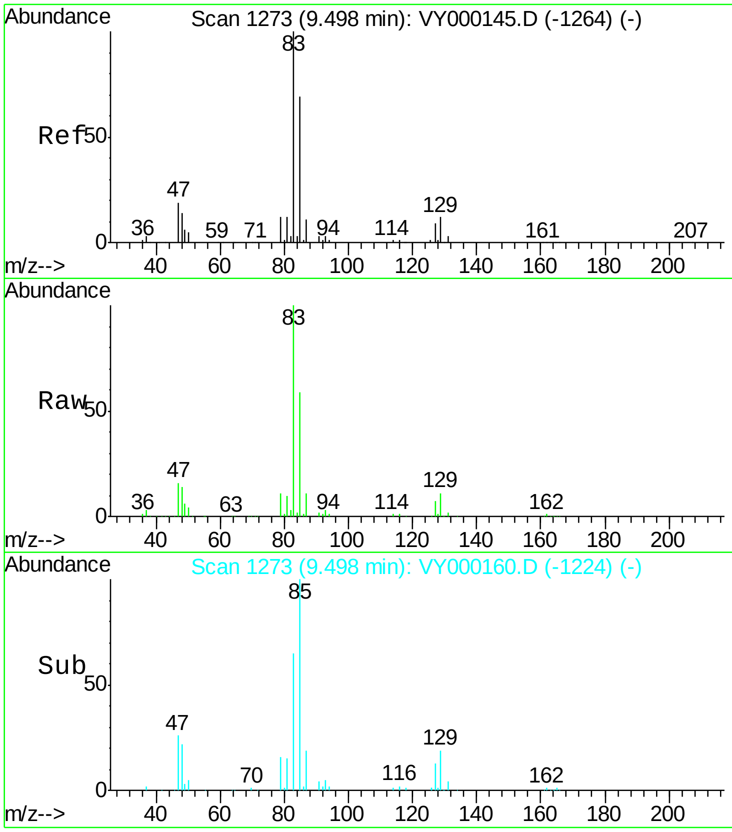


#46
Dibromomethane
Concen: 53.265 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.01 min
Lab File: VY000160.D
Acq: 26 Sep 2019 18:11

Tgt Ion: 93 Resp: 55103

Ion	Ratio	Lower	Upper
93	100		
95	84.3	66.3	99.5
174	101.5	87.3	130.9





#47
Bromodichloromethane
Concen: 51.637 ug/l
RT: 9.50 min   Scan# 1273
Delta R.T.   0.00 min
Lab File: VY000160.D
Acq: 26 Sep 2019   18:11

Instrument : MSVOA_Y
ClientSampleId : VSTDCCC050EC

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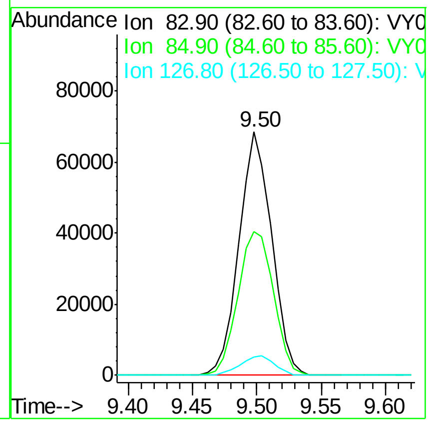
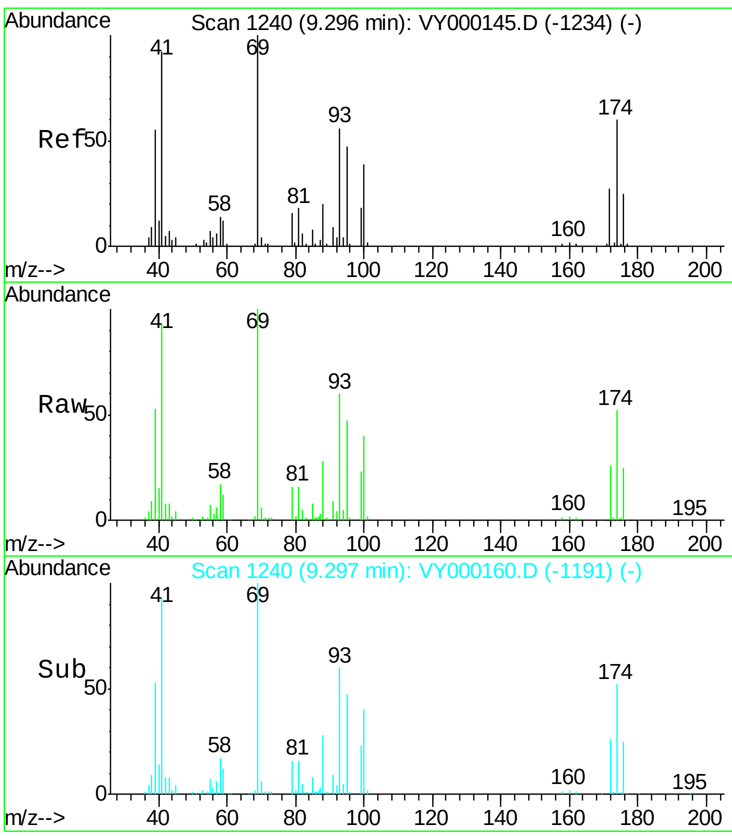
Tgt Ion: 83 Resp: 120411

Ion	Ratio	Lower	Upper
83	100		
85	59.3	55.1	82.7
127	7.4	6.9	10.3

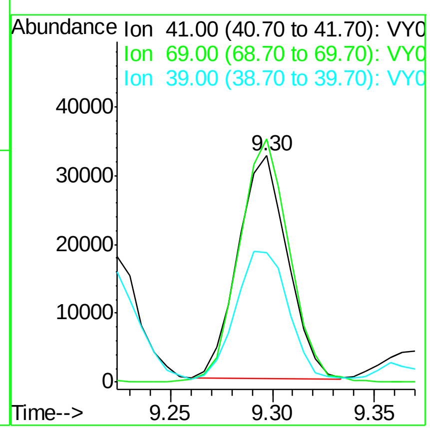




#48
Methyl methacrylate
Concen: 51.924 ug/l
RT: 9.30 min   Scan# 1240
Delta R.T.   0.00 min
Lab File: VY000160.D
Acq: 26 Sep 2019   18:11

Tgt Ion: 41 Resp: 55192

Ion	Ratio	Lower	Upper
41	100		
69	109.7	86.5	129.7
39	63.8	51.0	76.6



Instrument : MSVOA_Y
ClientSampleId : VSTDCCC050EC

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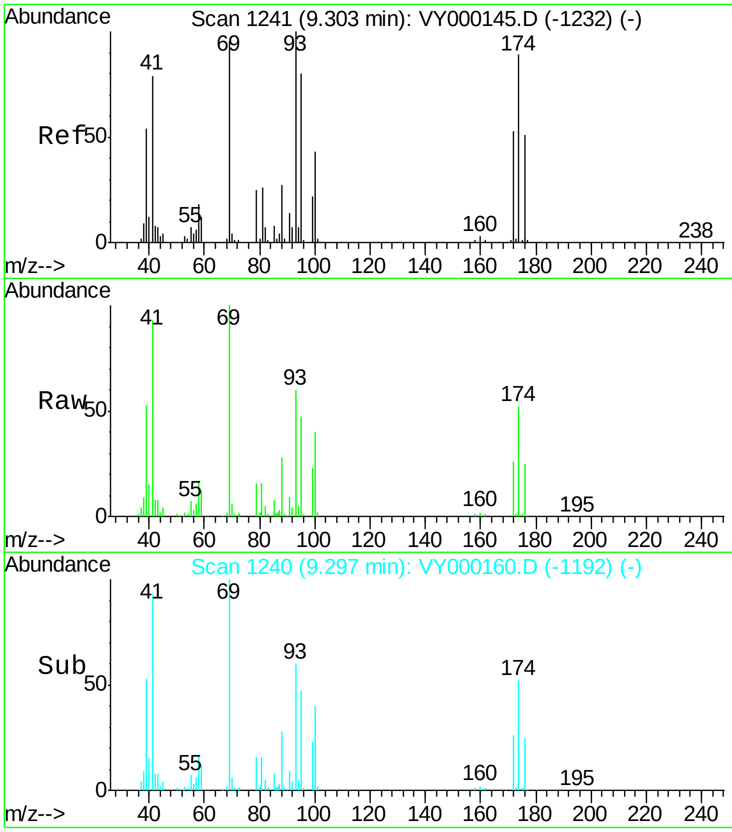
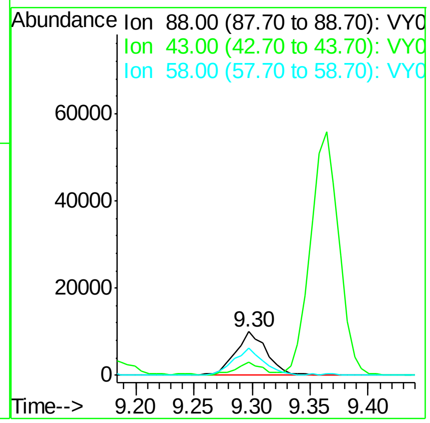
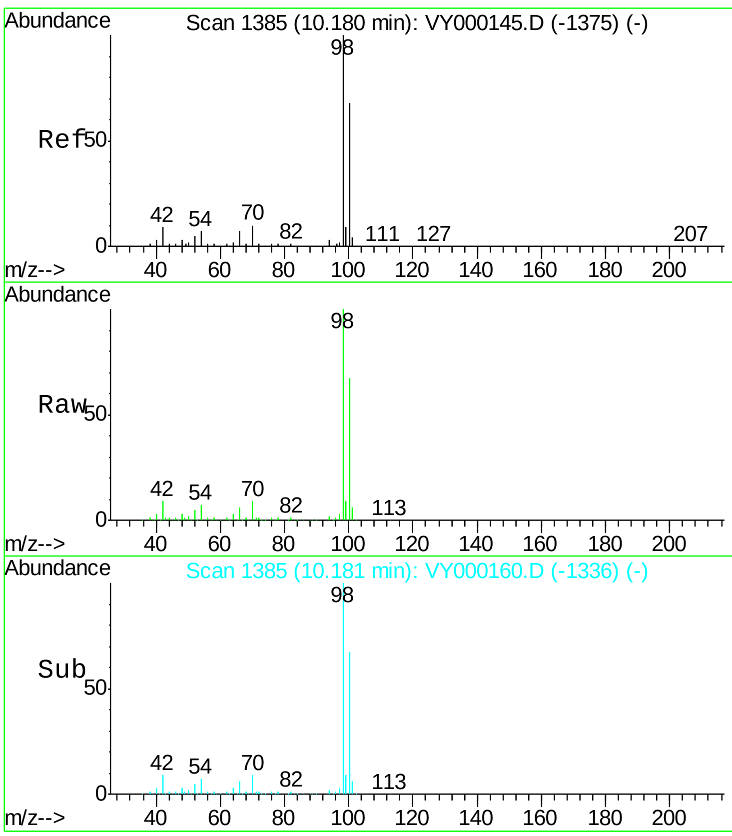


#49
1,4-Dioxane
Concen: 1190.211 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VY000160.D
Acq: 26 Sep 2019 18:11

Tgt Ion: 88 Resp: 19023

Ion	Ratio	Lower	Upper
88	100		
43	25.1	24.4	36.6
58	59.4	49.2	73.8

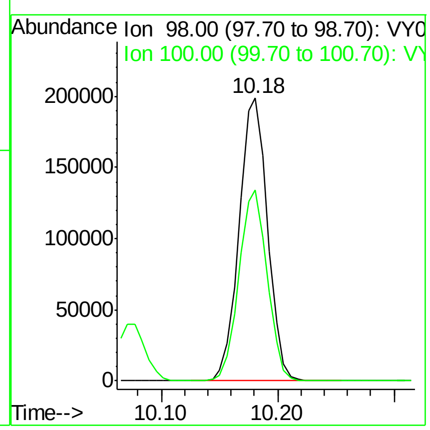


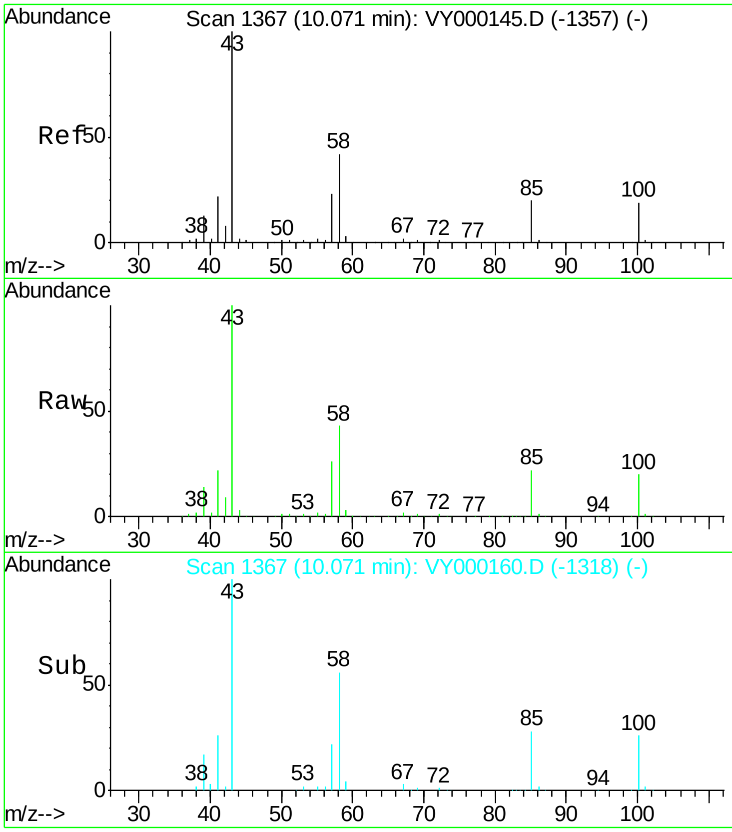


#50
Toluene-d8
Concen: 52.208 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY000160.D
Acq: 26 Sep 2019 18:11

Tgt Ion: 98 Resp: 338675

Ion	Ratio	Lower	Upper
98	100		
100	67.2	54.2	81.2






```
#51
4-Methyl-2-Pentanone
Concen:   273.906 ug/l
RT: 10.07 min   Scan# 1367
Delta R.T.    0.00 min
Lab File:    VY000160.D
Acq: 26 Sep 2019   18:11

Tgt Ion: 43 Resp:   337473
Ion  Ratio  Lower  Upper
 43  100
 58   42.6   33.6   50.4
```

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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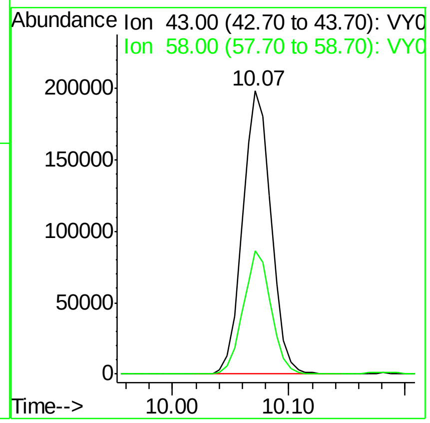
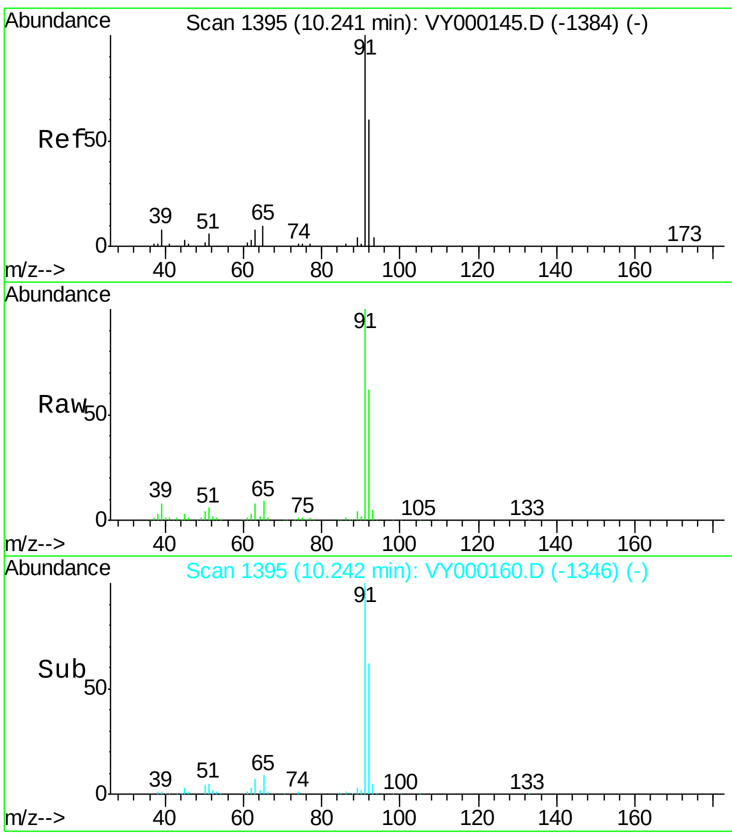
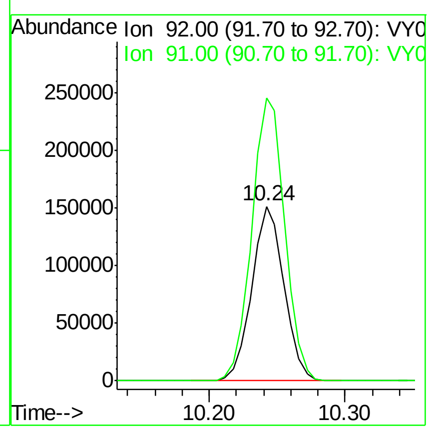
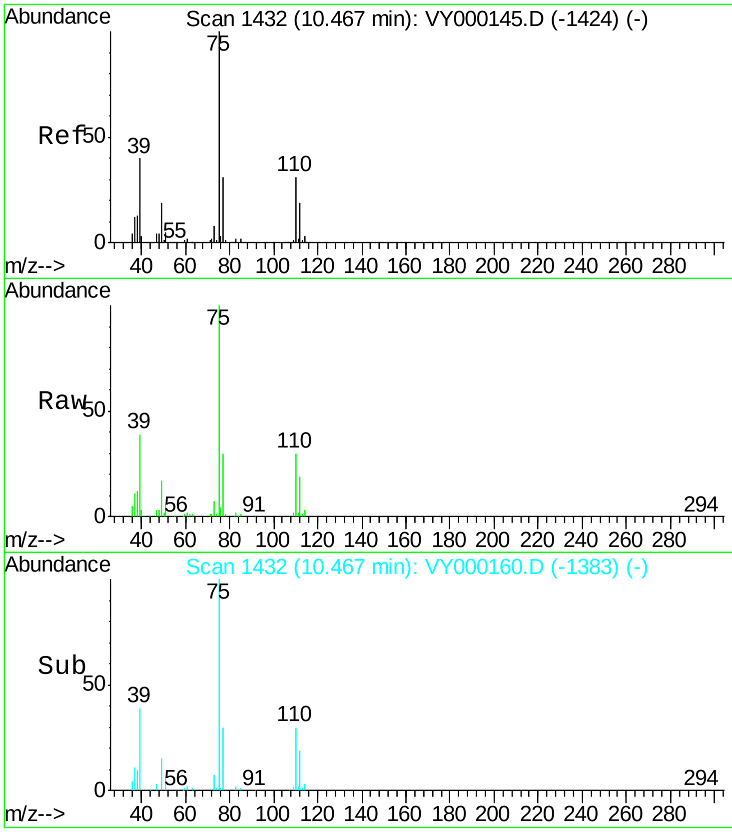





```
#52
Toluene
Concen:    50.545 ug/l
RT: 10.24 min   Scan# 1395
Delta R.T.    0.00 min
Lab File:    VY000160.D
Acq: 26 Sep 2019   18:11

Tgt Ion: 92 Resp:   251537
Ion  Ratio  Lower  Upper
 92  100
 91  166.5  134.6  201.8
```





#53
t-1,3-Dichloropropene
Concen: 53.280 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VY000160.D
Acq: 26 Sep 2019 18:11

Instrument : MSVOA_Y
ClientSampleId : VSTDCCC050EC

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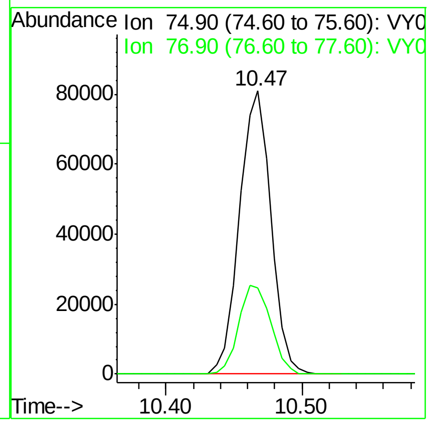
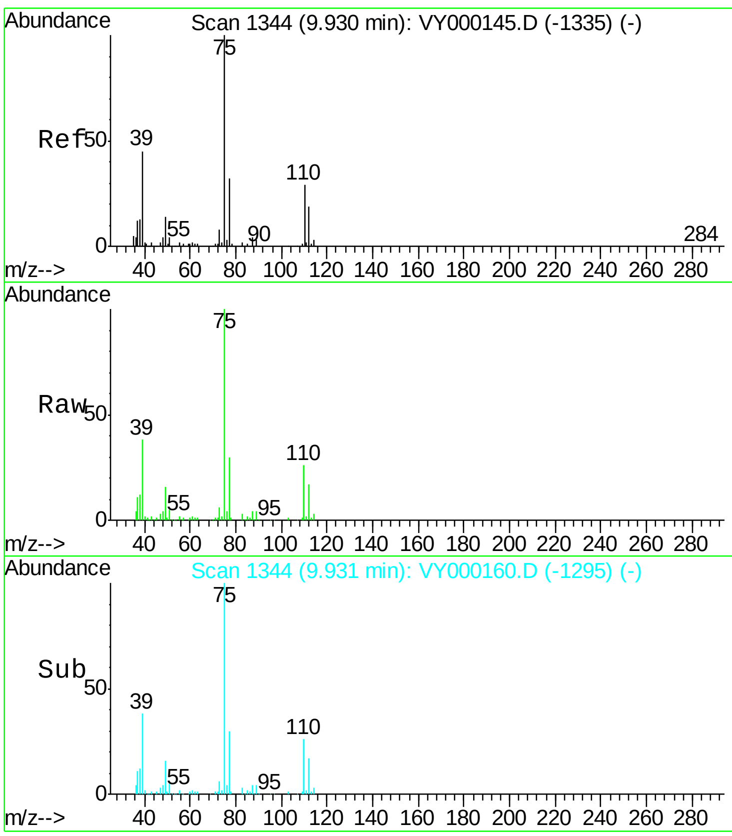
Tgt Ion: 75 Resp: 130506

Ion	Ratio	Lower	Upper
75	100		
77	30.4	25.0	37.4

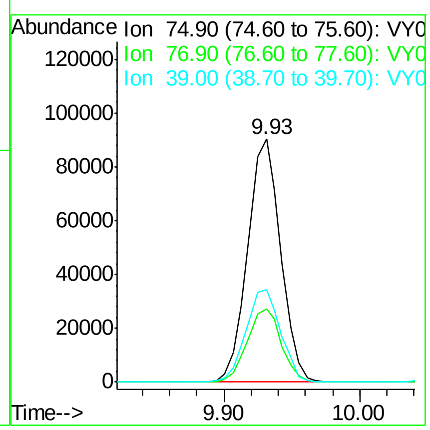


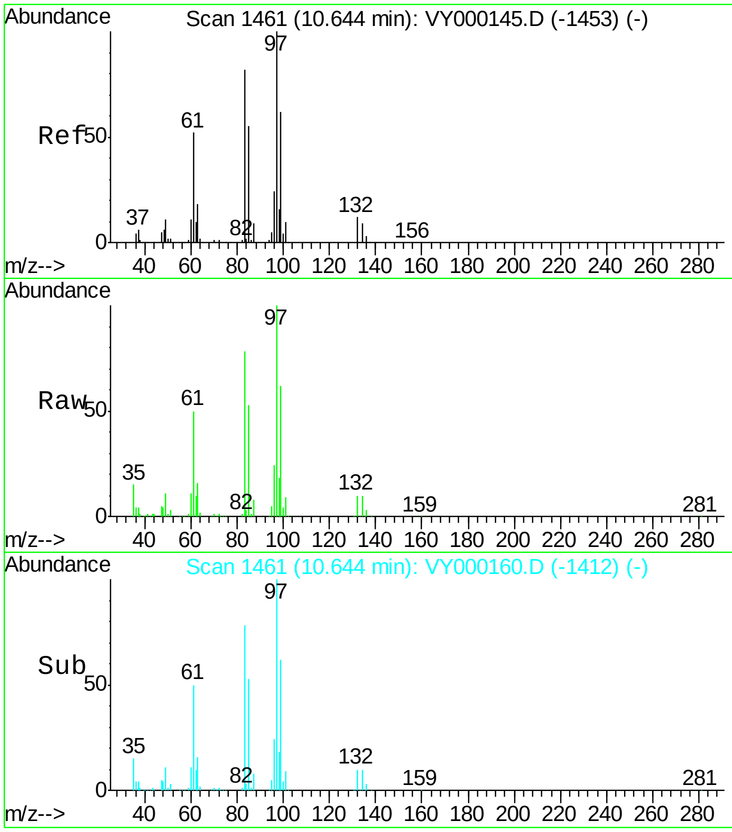


#54
cis-1,3-Dichloropropene
Concen: 52.981 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. 0.00 min
Lab File: VY000160.D
Acq: 26 Sep 2019 18:11

Tgt Ion: 75 Resp: 153795

Ion	Ratio	Lower	Upper
75	100		
77	30.1	25.4	38.0
39	37.9	35.8	53.6





#55
1,1,2-Trichloroethane
Concen: 53.323 ug/l
RT: 10.64 min Scan# 1461
Delta R.T. 0.00 min
Lab File: VY000160.D
Acq: 26 Sep 2019 18:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
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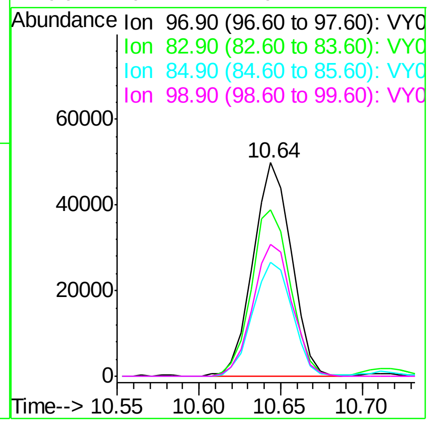
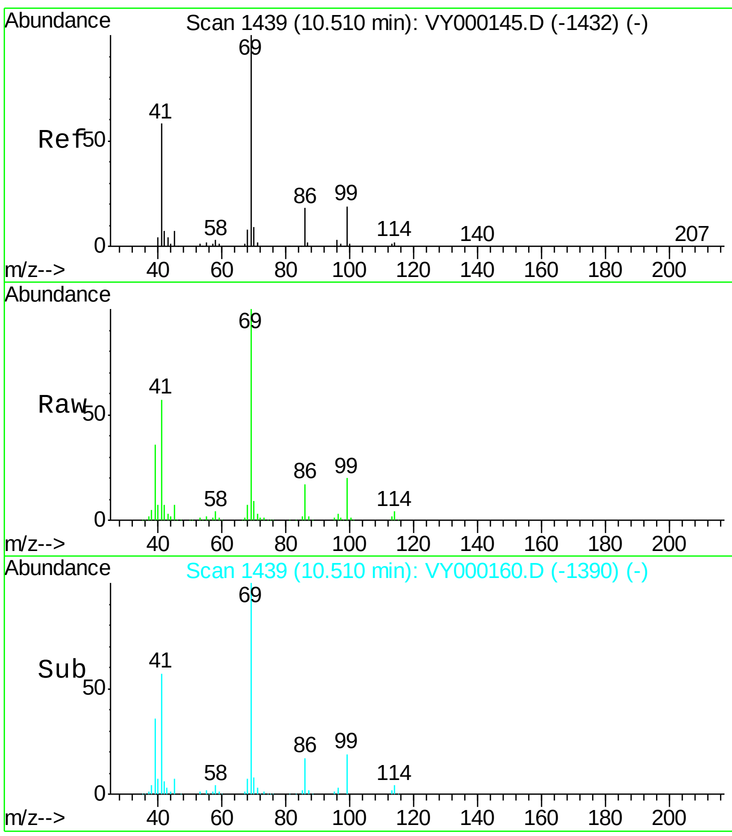
10/2/2019 9:13:23 AM

Tgt Ion: 97 Resp: 82023

Ion	Ratio	Lower	Upper
97	100		
83	77.9	65.7	98.5
85	53.2	44.1	66.1
99	61.7	49.4	74.2

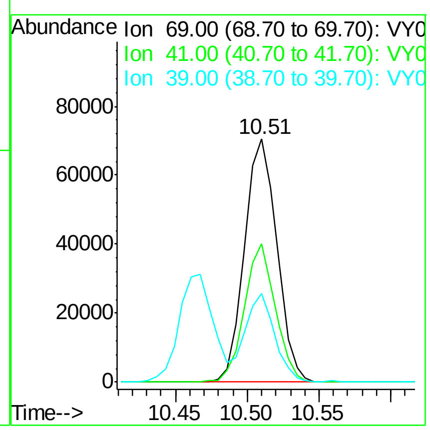


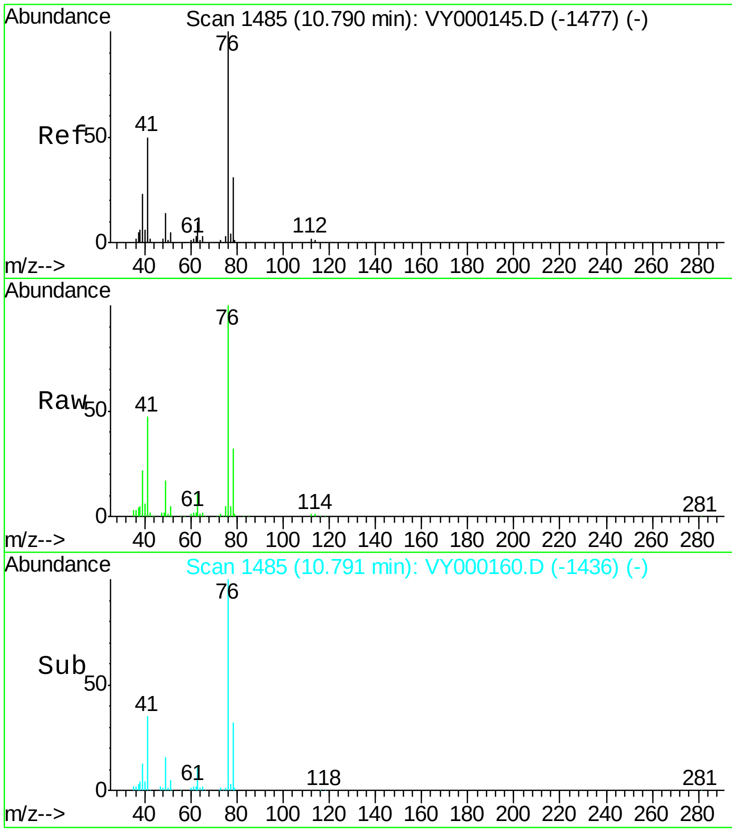


#56
Ethyl methacrylate
Concen: 55.005 ug/l
RT: 10.51 min Scan# 1439
Delta R.T. 0.00 min
Lab File: VY000160.D
Acq: 26 Sep 2019 18:11

Tgt Ion: 69 Resp: 110062

Ion	Ratio	Lower	Upper
69	100		
41	53.6	45.8	68.8
39	33.2	27.8	41.8





#57
1,3-Dichloropropane
Concen: 53.253 ug/l
RT: 10.79 min Scan# 1485
Delta R.T. 0.00 min
Lab File: VY000160.D
Acq: 26 Sep 2019 18:11

Instrument : MSVOA_Y
ClientSampleId : VSTDCCC050EC

Tgt Ion: 76	Resp:	131636	
Ion	Ratio	Lower	Upper
76	100		
78	32.7	25.4	38.0

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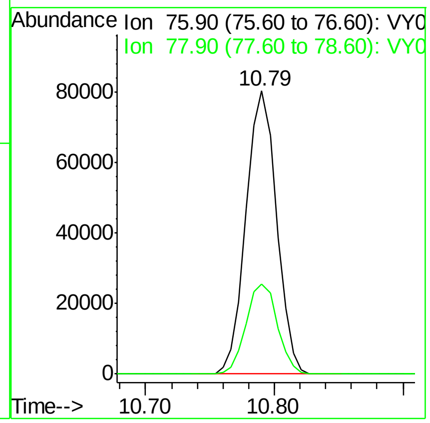
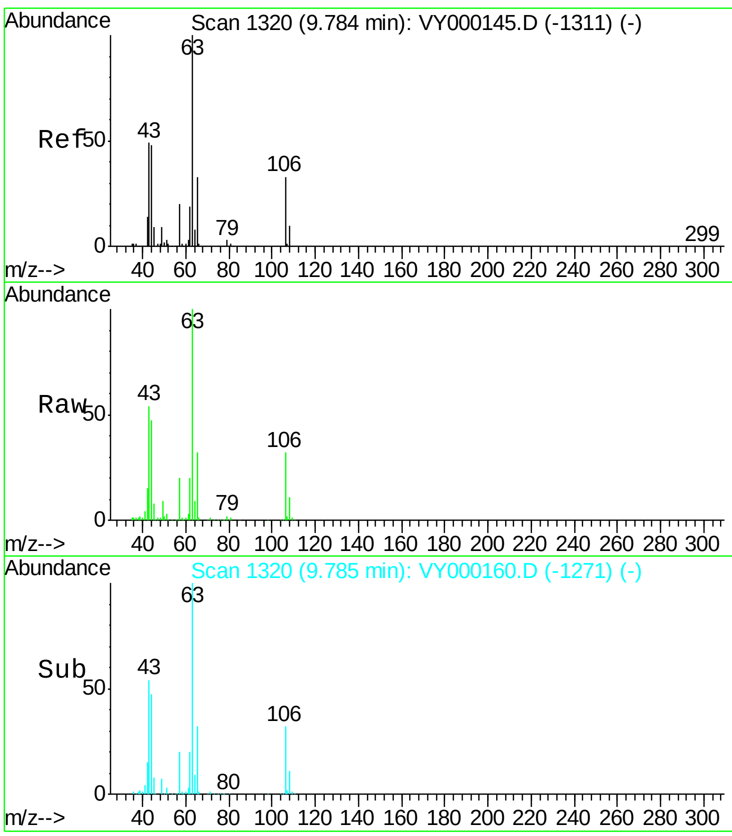
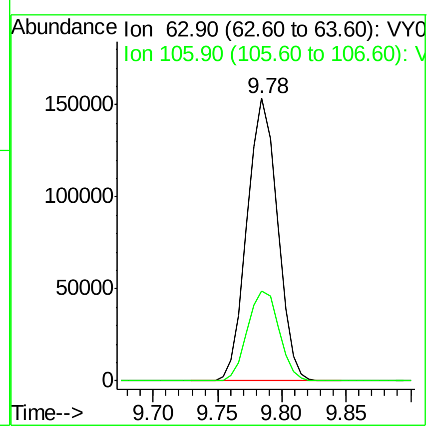
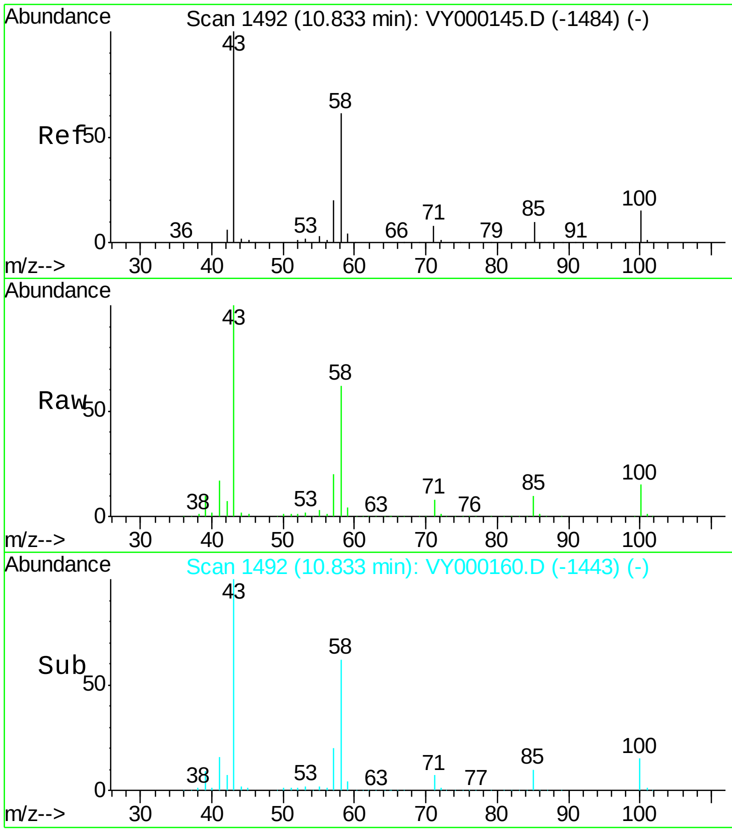




#58
2-Chloroethyl Vinyl ether
Concen: 267.928 ug/l
RT: 9.78 min Scan# 1320
Delta R.T. 0.00 min
Lab File: VY000160.D
Acq: 26 Sep 2019 18:11

Tgt Ion: 63	Resp:	251803	
Ion	Ratio	Lower	Upper
63	100		
106	33.0	27.0	40.6





#59
2-Hexanone
Concen: 275.046 ug/l
RT: 10.83 min Scan# 1492
Delta R.T.   0.00 min
Lab File: VY000160.D
Acq: 26 Sep 2019 18:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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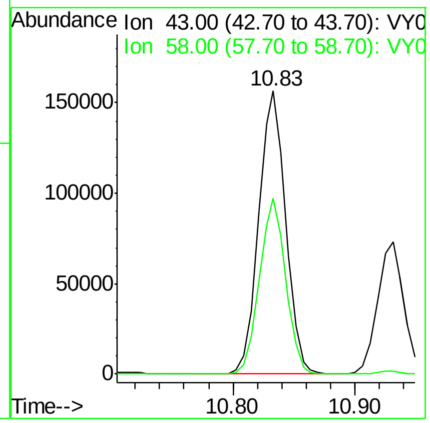
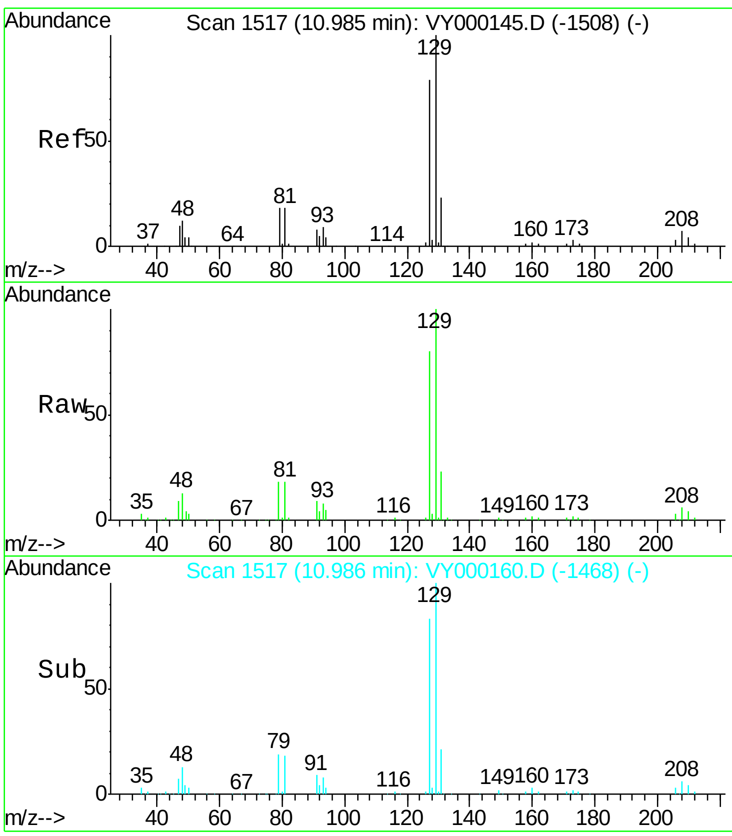
Tgt Ion: 43 Resp: 240851

Ion	Ratio	Lower	Upper
43	100		
58	60.5	29.5	88.5

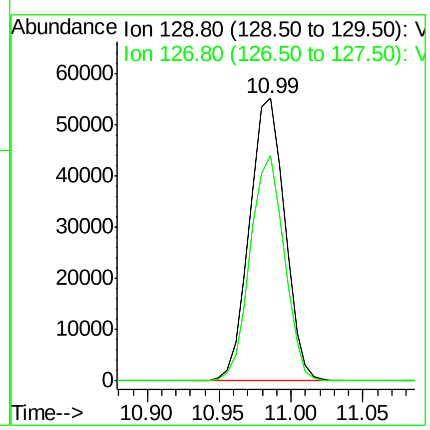


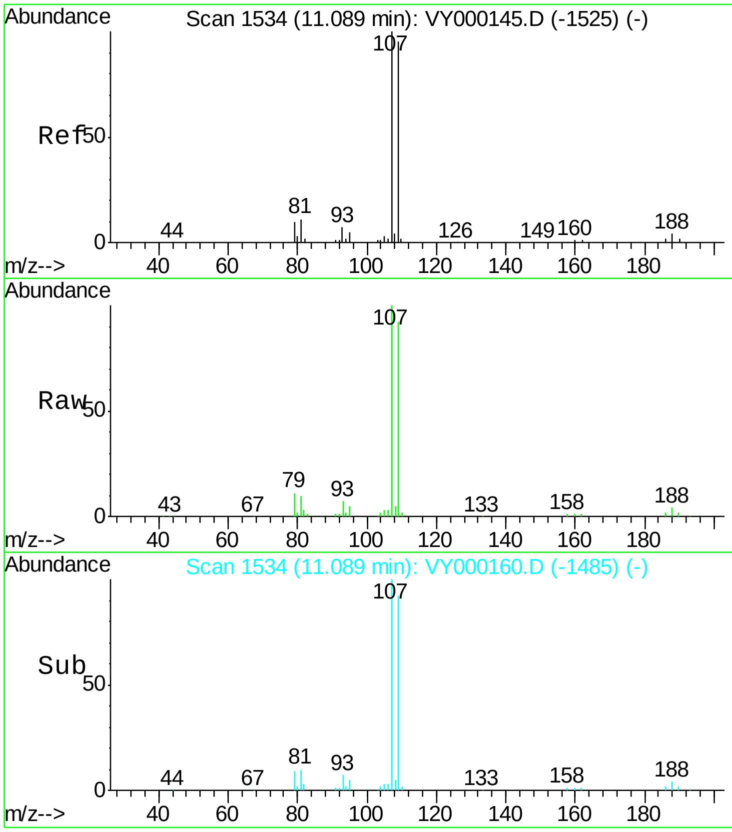


#60
Dibromochloromethane
Concen: 53.957 ug/l
RT: 10.99 min Scan# 1517
Delta R.T.   0.00 min
Lab File: VY000160.D
Acq: 26 Sep 2019 18:11

Tgt Ion:129 Resp: 93824

Ion	Ratio	Lower	Upper
129	100		
127	77.0	39.4	118.1





#61
1,2-Dibromoethane
Concen: 53.951 ug/l
RT: 11.09 min Scan# 1534
Delta R.T. 0.00 min
Lab File: VY000160.D
Acq: 26 Sep 2019 18:11

Tgt Ion:107 Resp: 79194

Ion	Ratio	Lower	Upper
107	100		
109	92.4	75.8	113.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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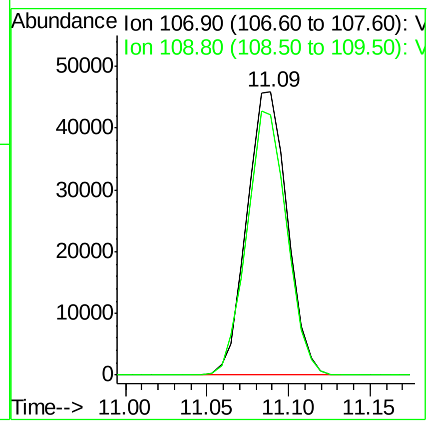
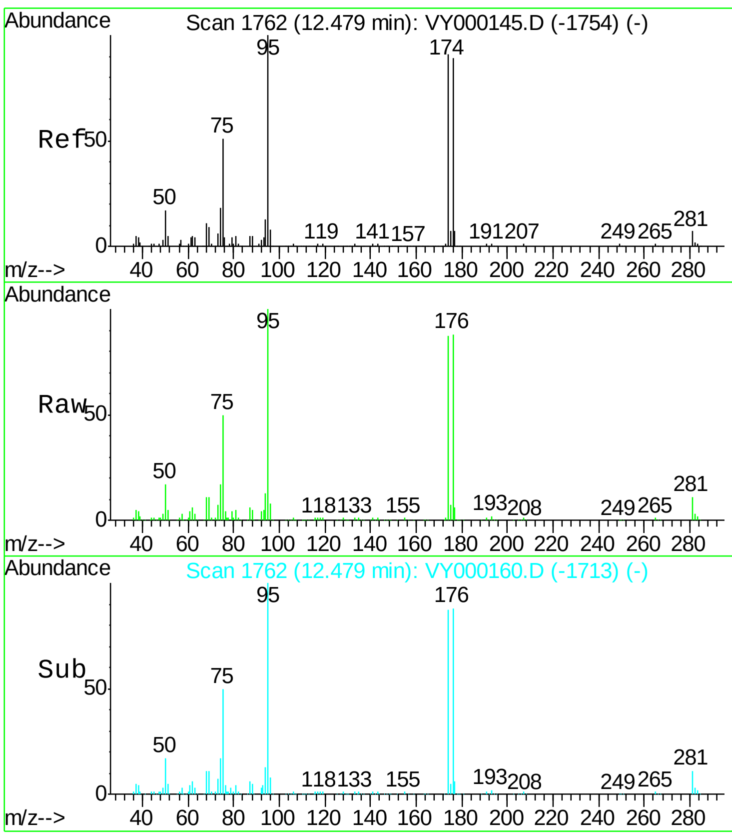
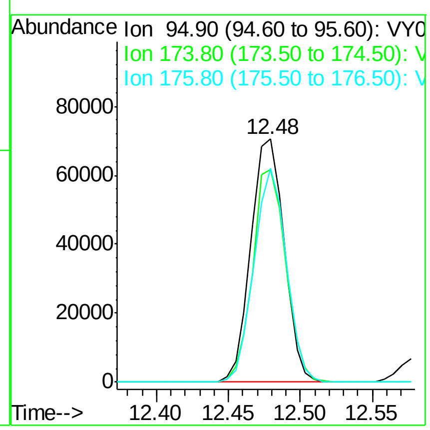


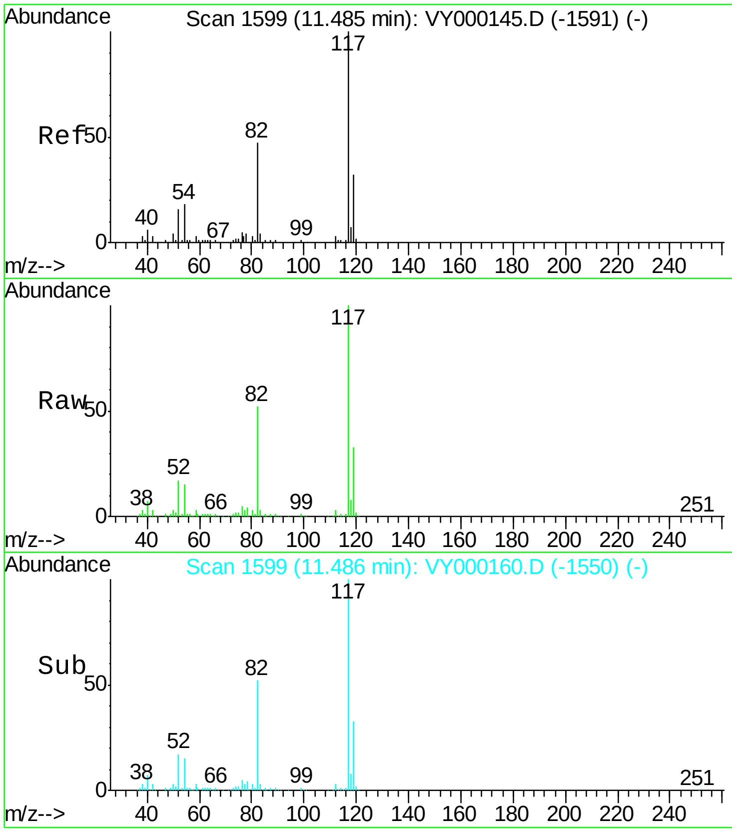


#62
4-Bromofluorobenzene
Concen: 47.727 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY000160.D
Acq: 26 Sep 2019 18:11

Tgt Ion: 95 Resp: 112849

Ion	Ratio	Lower	Upper
95	100		
174	86.9	0.0	180.6
176	85.1	0.0	171.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min   Scan# 1599
Delta R.T.   0.00 min
Lab File: VY000160.D
Acq: 26 Sep 2019   18:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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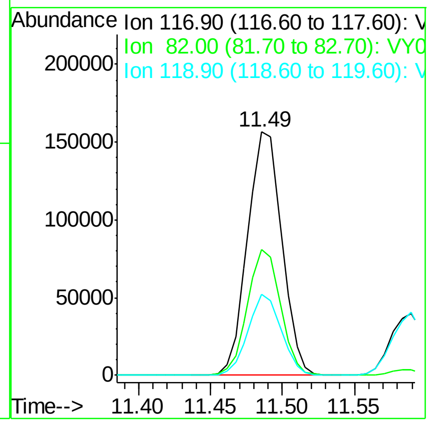
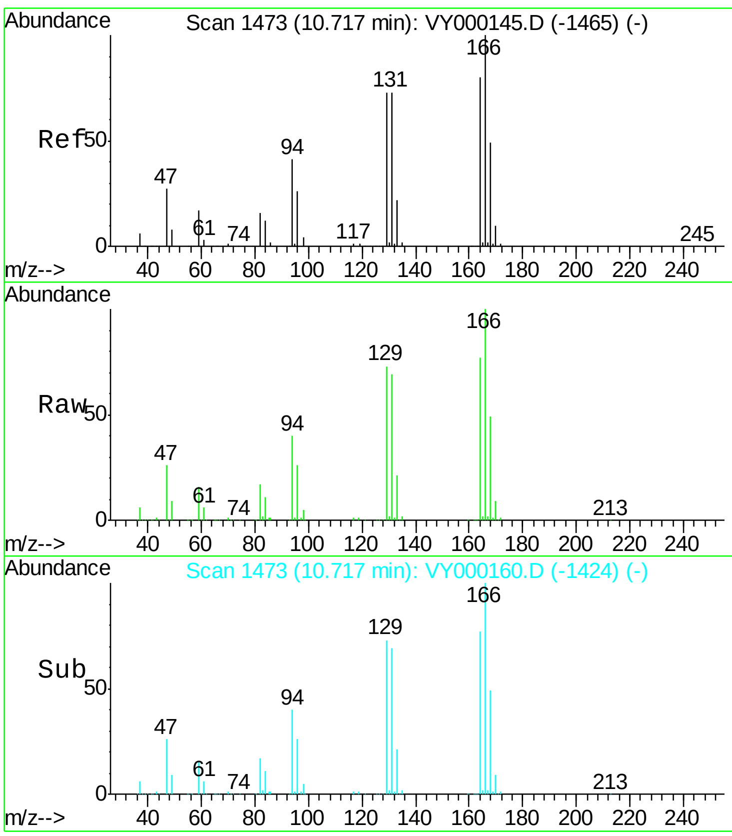
Tgt Ion:117 Resp: 259109

Ion	Ratio	Lower	Upper
117	100		
82	51.6	37.7	56.5
119	33.4	25.4	38.2

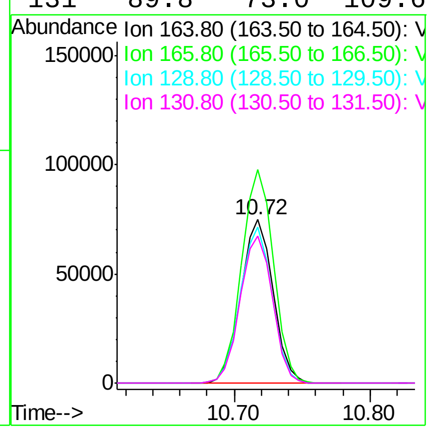


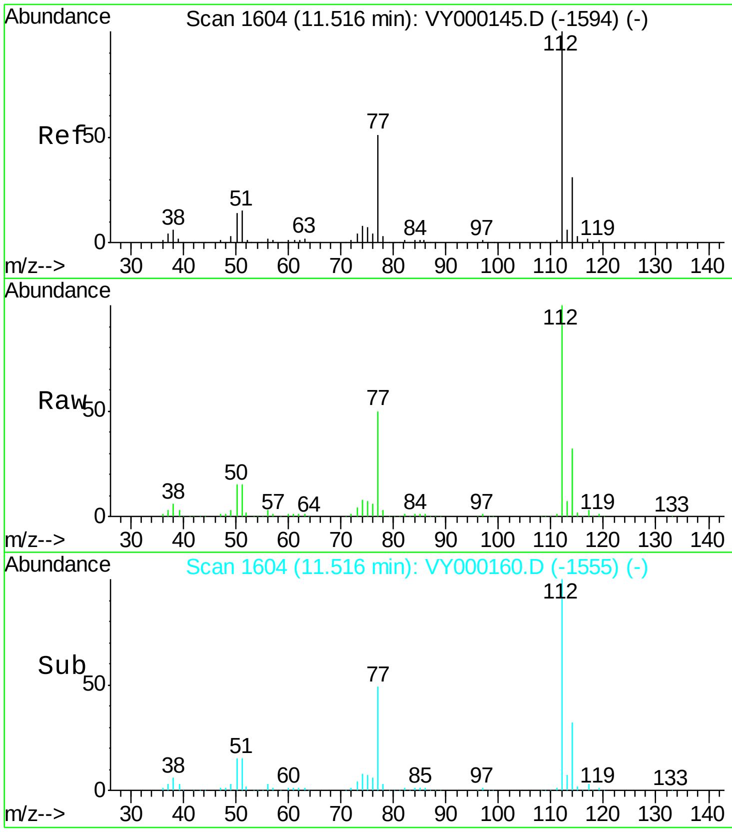


#64
Tetrachloroethene
Concen: 48.436 ug/l
RT: 10.72 min   Scan# 1473
Delta R.T.   0.00 min
Lab File: VY000160.D
Acq: 26 Sep 2019   18:11

Tgt Ion:164 Resp: 124324

Ion	Ratio	Lower	Upper
164	100		
166	130.7	99.5	149.3
129	95.4	72.8	109.2
131	89.8	73.0	109.6





#65
Chlorobenzene
Concen: 50.549 ug/l
RT: 11.52 min   Scan# 1604
Delta R.T.   0.00 min
Lab File: VY000160.D
Acq: 26 Sep 2019   18:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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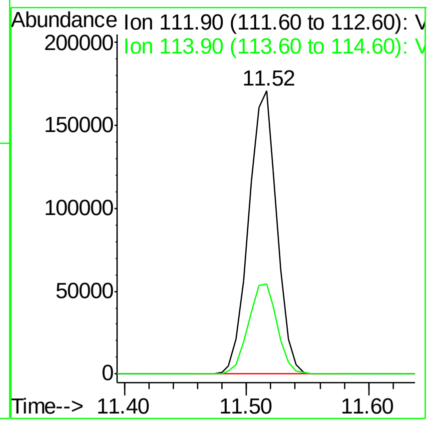
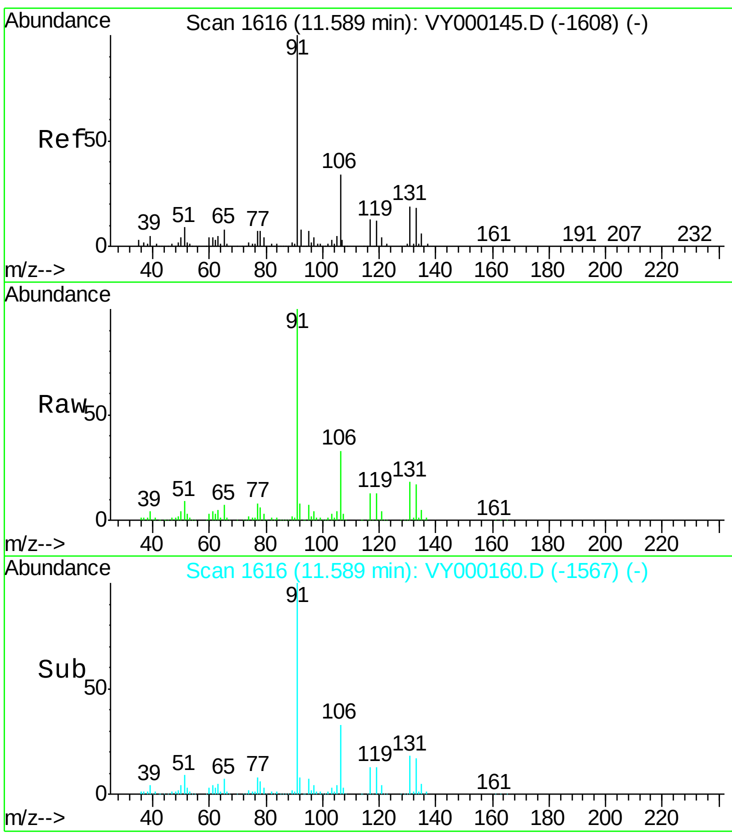
Tgt Ion:112 Resp: 272566

Ion	Ratio	Lower	Upper
112	100		
114	31.9	25.1	37.7

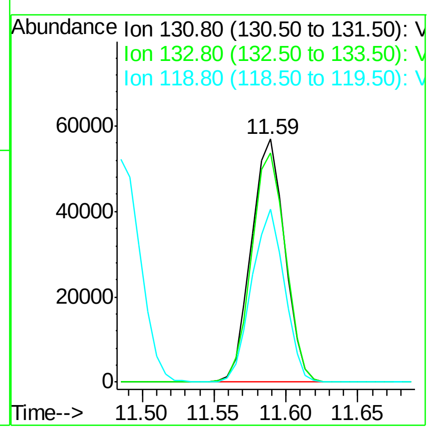


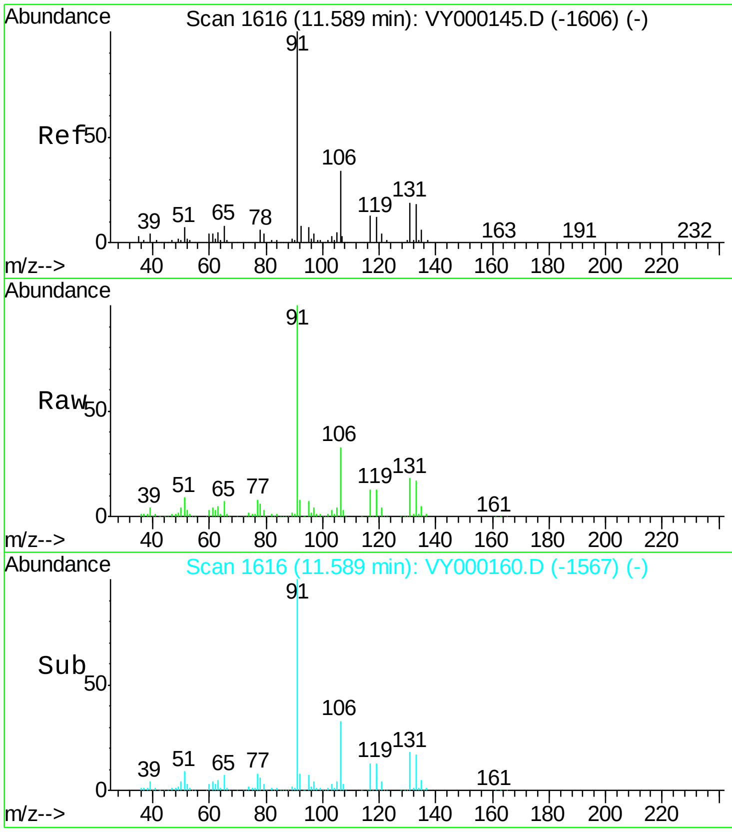


#66
1,1,1,2-Tetrachloroethane
Concen: 50.333 ug/l
RT: 11.59 min   Scan# 1616
Delta R.T.   0.00 min
Lab File: VY000160.D
Acq: 26 Sep 2019   18:11

Tgt Ion:131 Resp: 91710

Ion	Ratio	Lower	Upper
131	100		
133	95.6	47.2	141.6
119	69.5	32.3	96.9





#67
Ethyl Benzene
Concen: 49.722 ug/l
RT: 11.59 min   Scan# 1616
Delta R.T.   0.00 min
Lab File: VY000160.D
Acq: 26 Sep 2019   18:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 458295

Ion	Ratio	Lower	Upper
91	100		
106	32.8	27.3	40.9

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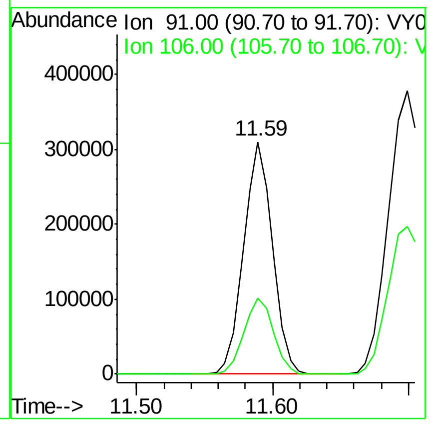
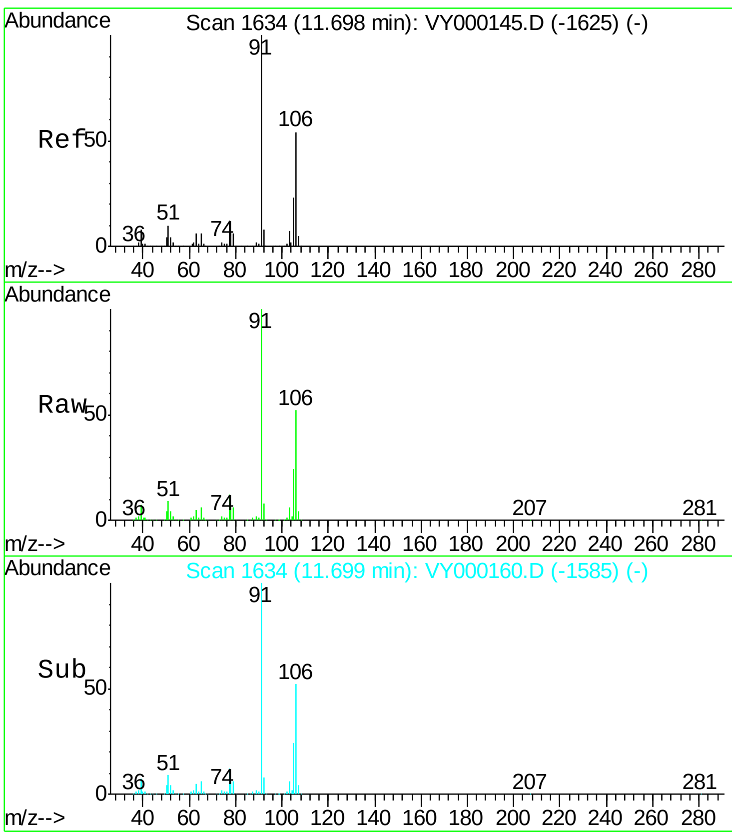
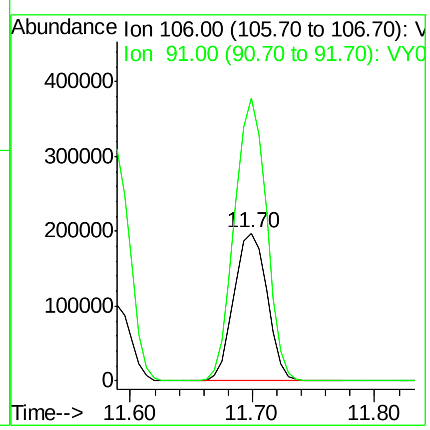


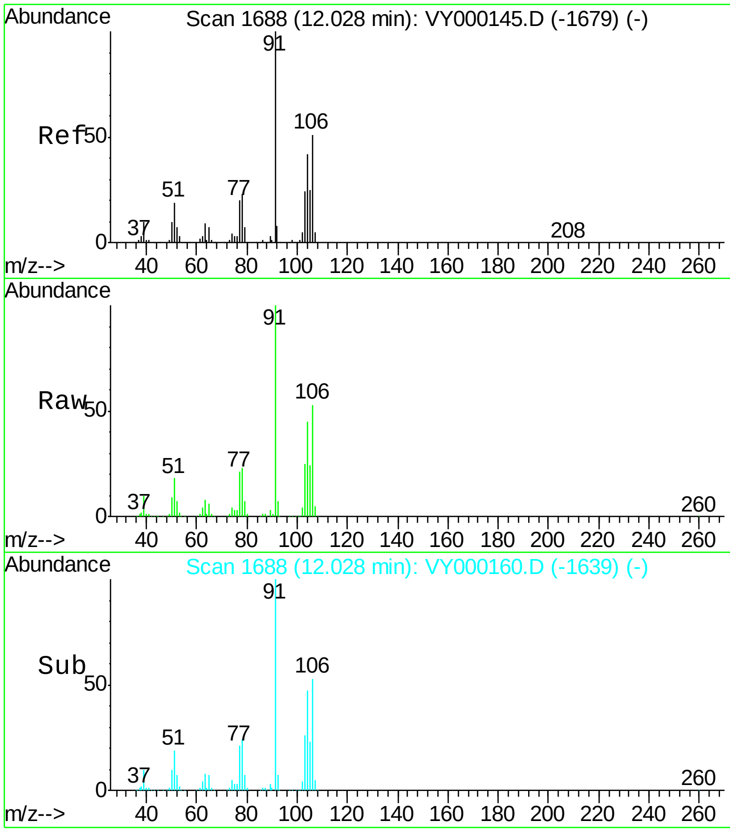


#68
m/p-Xylenes
Concen: 100.213 ug/l
RT: 11.70 min   Scan# 1634
Delta R.T.   0.00 min
Lab File: VY000160.D
Acq: 26 Sep 2019   18:11

Tgt Ion:106 Resp: 373408

Ion	Ratio	Lower	Upper
106	100		
91	184.5	148.6	223.0





#69
o-Xylene
Concen: 50.016 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY000160.D
Acq: 26 Sep 2019 18:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 177746

Ion	Ratio	Lower	Upper
106	100		
91	193.7	98.0	293.9

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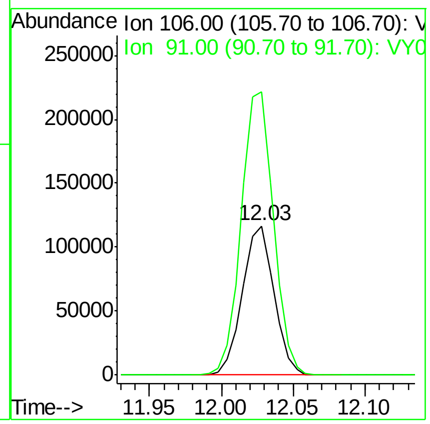
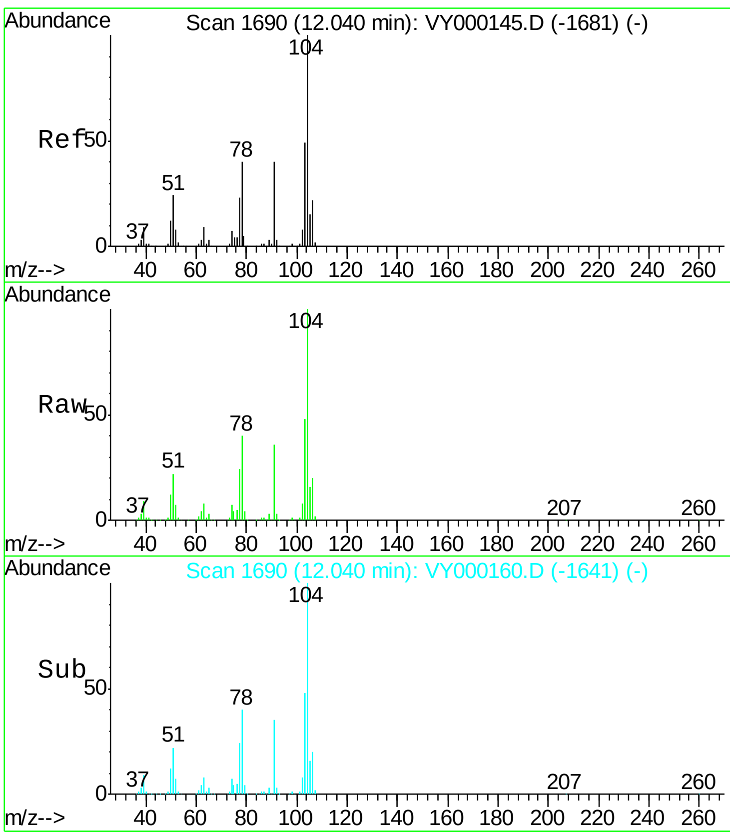
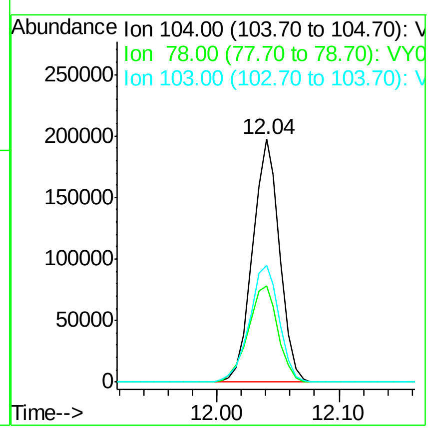


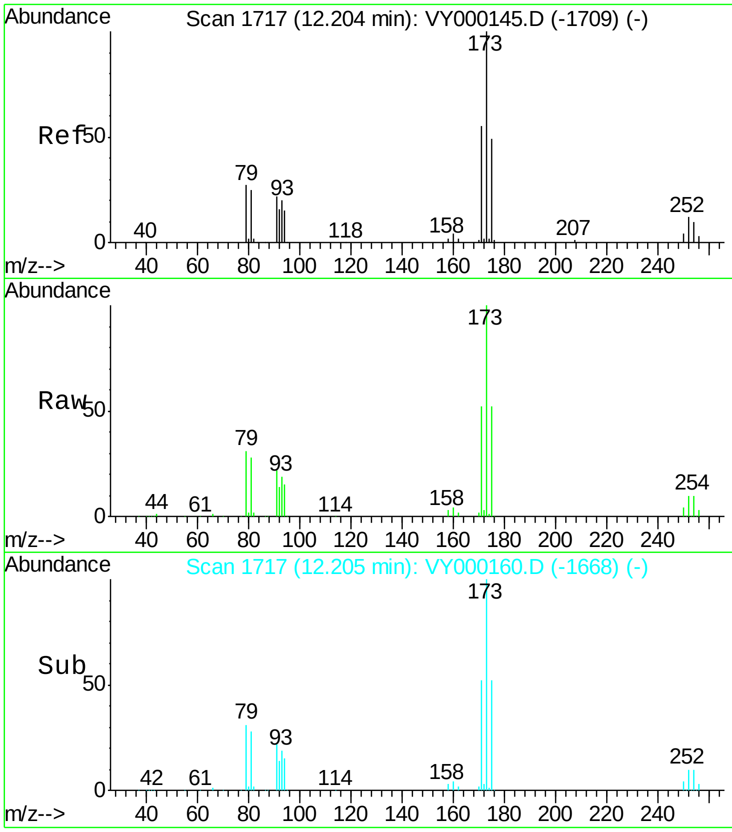


#70
Styrene
Concen: 50.453 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY000160.D
Acq: 26 Sep 2019 18:11

Tgt Ion:104 Resp: 303436

Ion	Ratio	Lower	Upper
104	100		
78	43.9	34.7	52.1
103	52.8	41.6	62.4






```
#71
Bromoform
Concen:   53.581 ug/l
RT: 12.20 min  Scan# 1717
Delta R.T.   0.00 min
Lab File:   VY000160.D
Acq: 26 Sep 2019  18:11

Tgt Ion:173 Resp:   57370
Ion  Ratio  Lower  Upper
173  100
175   47.5   23.5   70.6
254    0.0    0.1    0.1#
```

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
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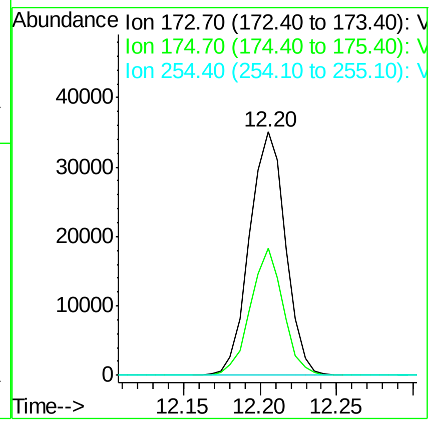
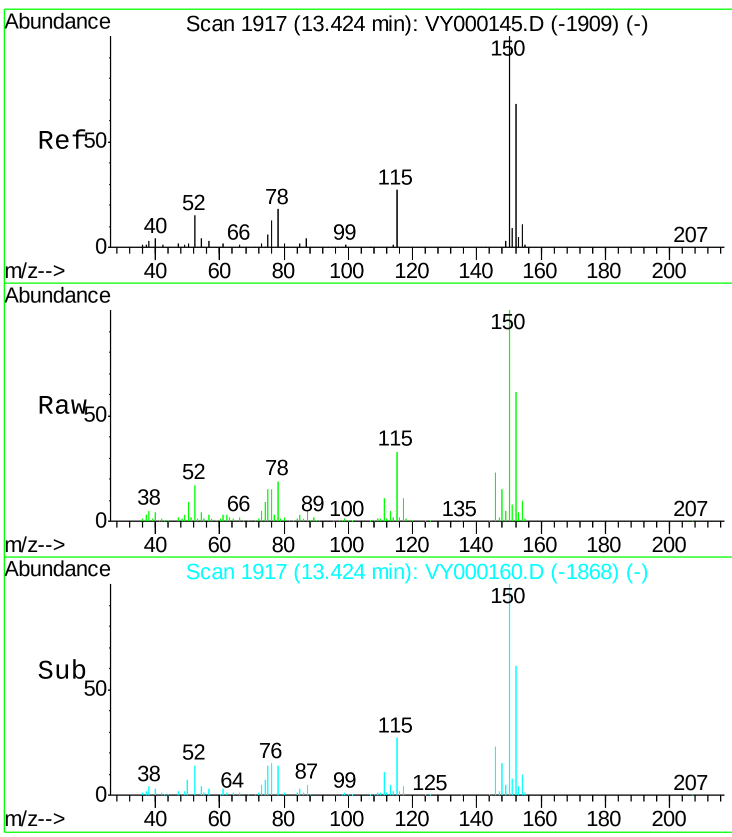
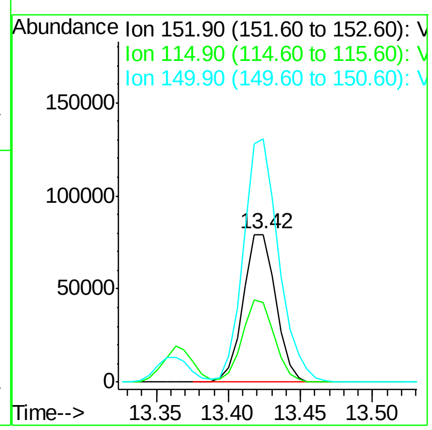





```
#72
1,4-Dichlorobenzene-d4
Concen:   50.000 ug/l
RT: 13.42 min  Scan# 1917
Delta R.T.   0.00 min
Lab File:   VY000160.D
Acq: 26 Sep 2019  18:11

Tgt Ion:152 Resp:  124135
Ion  Ratio  Lower  Upper
152  100
115   54.5   26.8   80.4
150  178.8    0.0  347.8
```



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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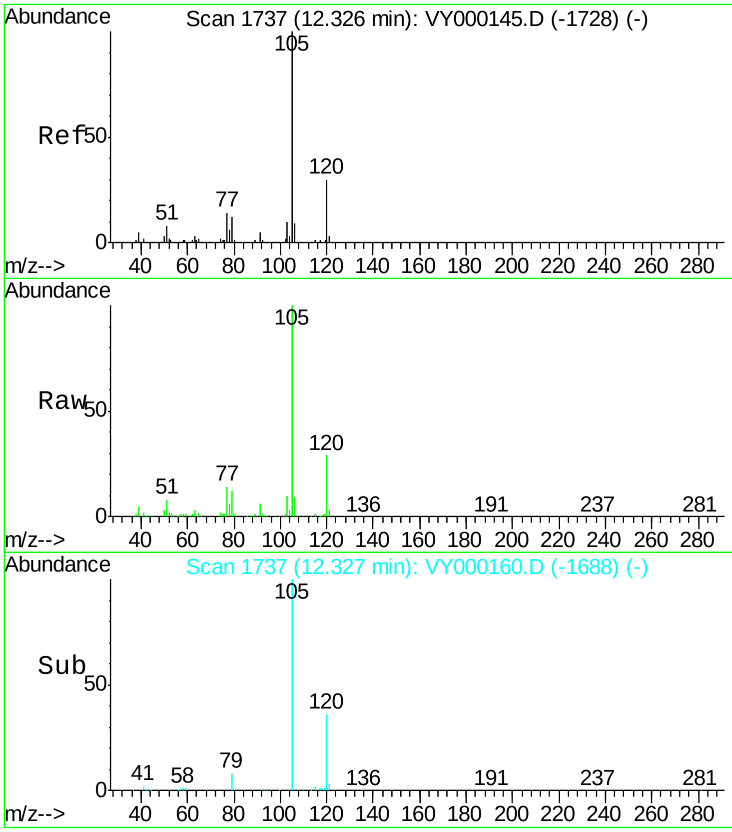
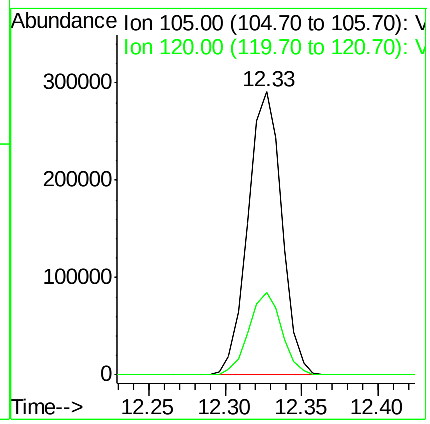
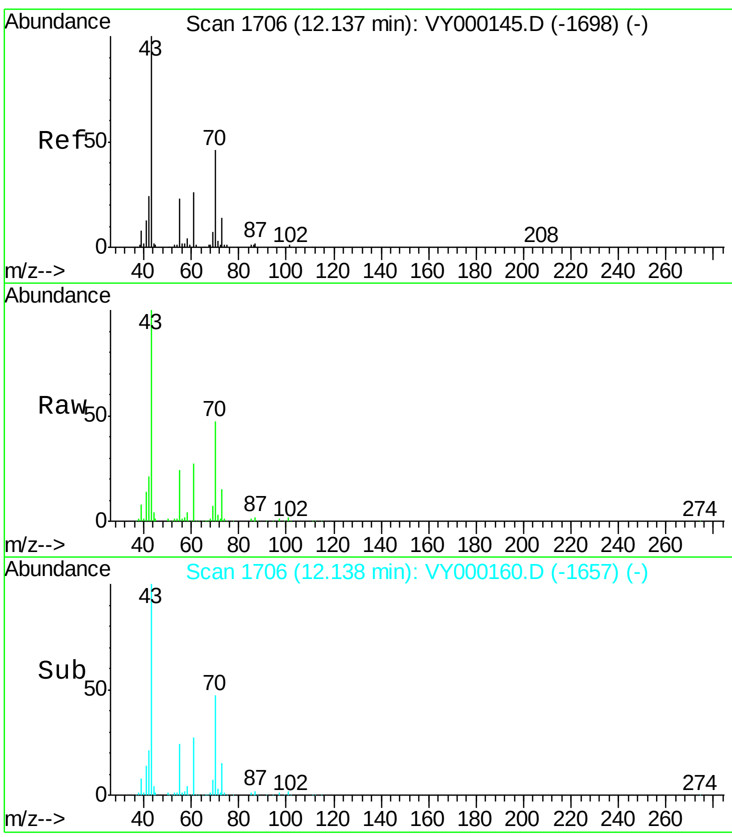
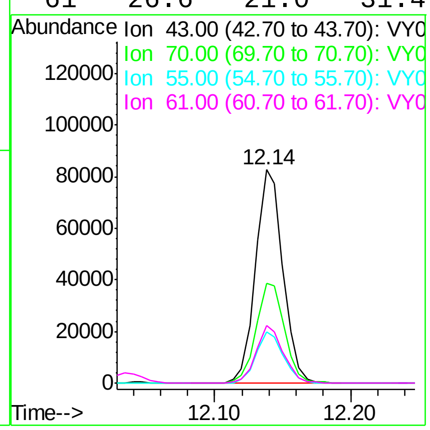


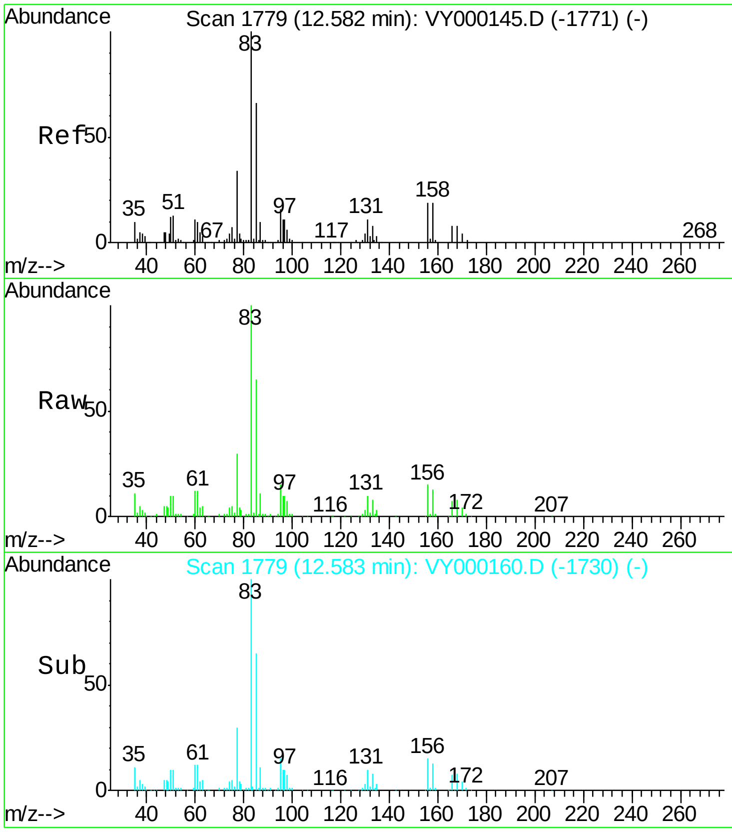

```
#73
Isopropylbenzene
Concen:   50.033 ug/l
RT: 12.33 min  Scan# 1737
Delta R.T.   0.00 min
Lab File:   VY000160.D
Acq: 26 Sep 2019  18:11

Tgt Ion:105 Resp:  448106
Ion  Ratio  Lower  Upper
105  100
120   28.3   14.7   44.1
```






```
#74
N-amyl acetate
Concen:   53.831 ug/l
RT: 12.14 min  Scan# 1706
Delta R.T.   0.00 min
Lab File:   VY000160.D
Acq: 26 Sep 2019  18:11

Tgt Ion: 43 Resp:  116702
Ion  Ratio  Lower  Upper
 43  100
 70   48.3   37.3   55.9
 55   24.1   18.6   27.8
 61   26.6   21.0   31.4
```





#75
1,1,2,2-Tetrachloroethane
Concen: 54.820 ug/l
RT: 12.58 min Scan# 1779
Delta R.T. 0.00 min
Lab File: VY000160.D
Acq: 26 Sep 2019 18:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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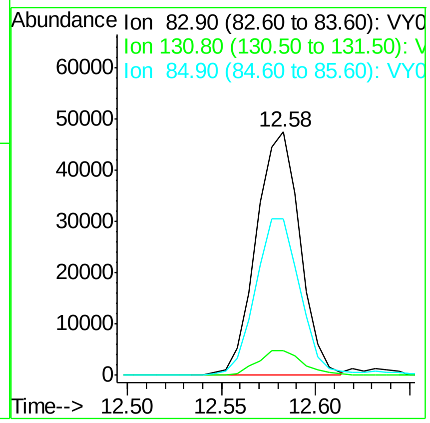
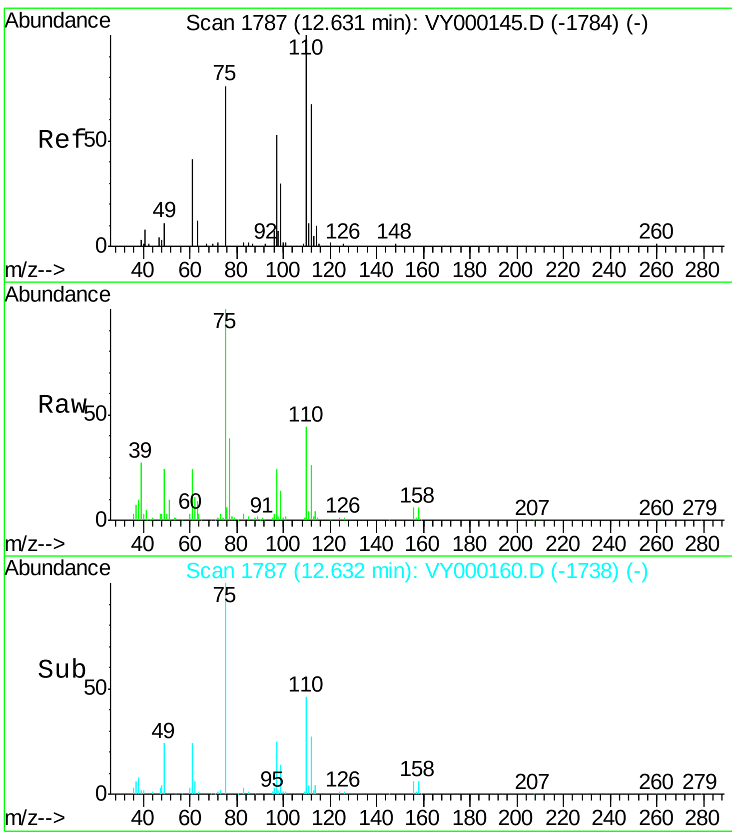
Tgt Ion: 83 Resp: 76425

Ion	Ratio	Lower	Upper
83	100		
131	10.8	5.4	16.2
85	65.7	32.5	97.5

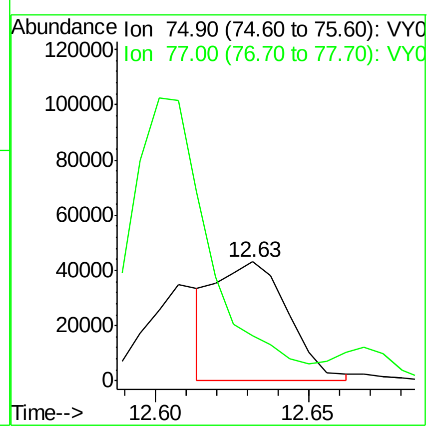


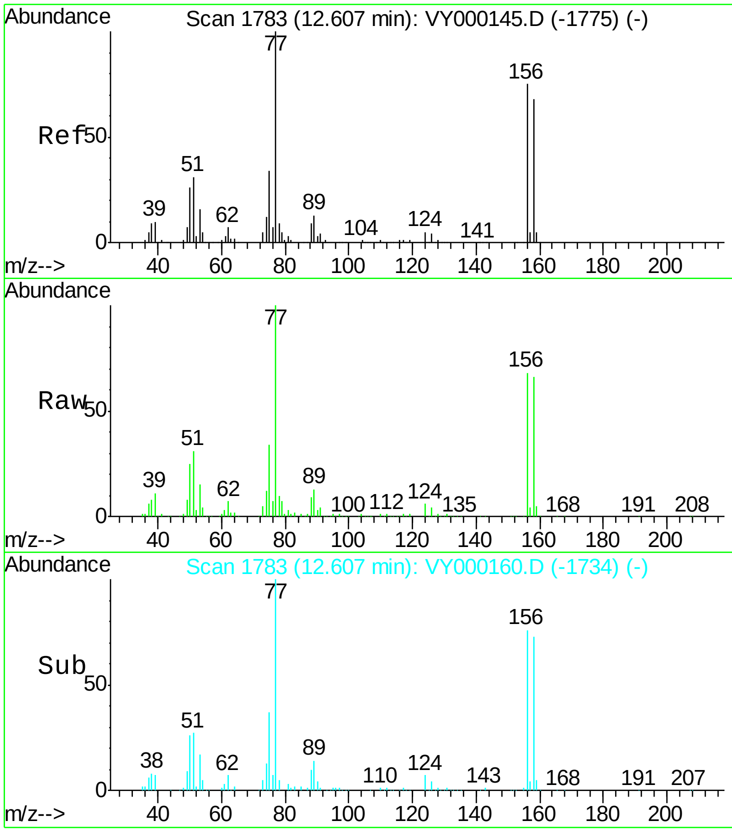


#76
1,2,3-Trichloropropane
Concen: 57.289 ug/l m
RT: 12.63 min Scan# 1787
Delta R.T. 0.00 min
Lab File: VY000160.D
Acq: 26 Sep 2019 18:11

Tgt Ion: 75 Resp: 71573

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77
Bromobenzene
Concen: 49.480 ug/l
RT: 12.61 min   Scan# 1783
Delta R.T.   0.00 min
Lab File: VY000160.D
Acq: 26 Sep 2019   18:11

Tgt Ion:156 Resp: 109477

Ion	Ratio	Lower	Upper
156	100		
77	171.0	83.0	249.2
158	97.0	47.4	142.2

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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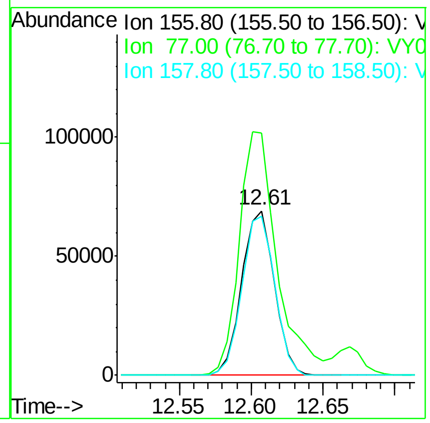
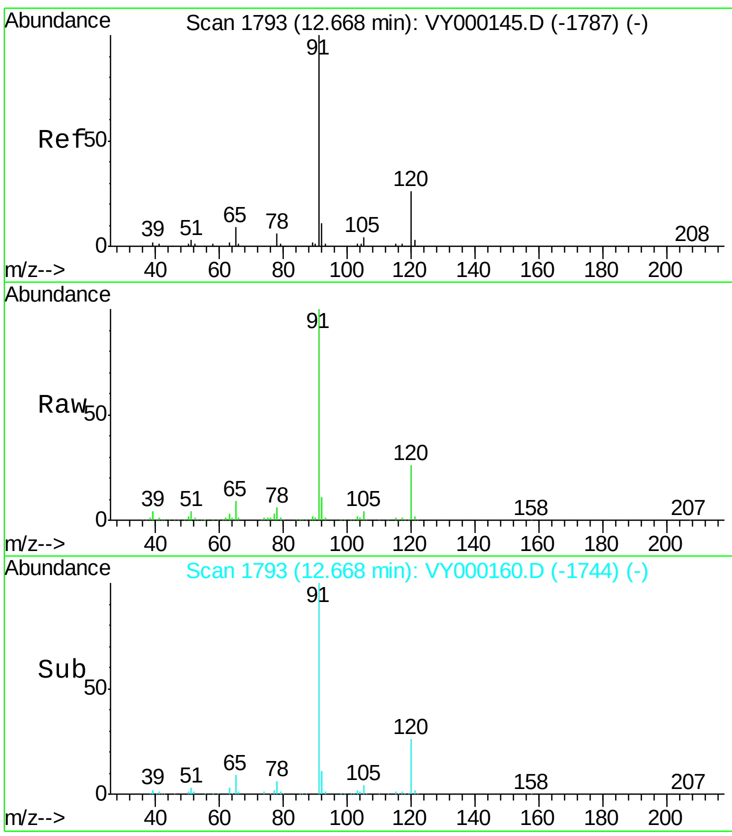
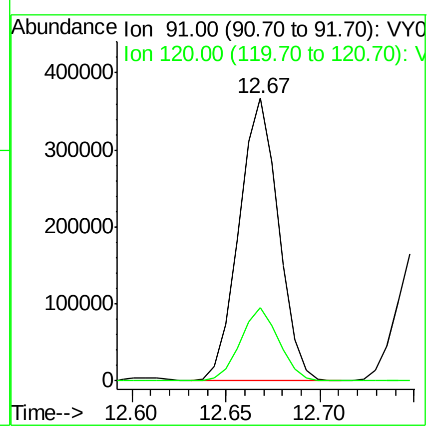


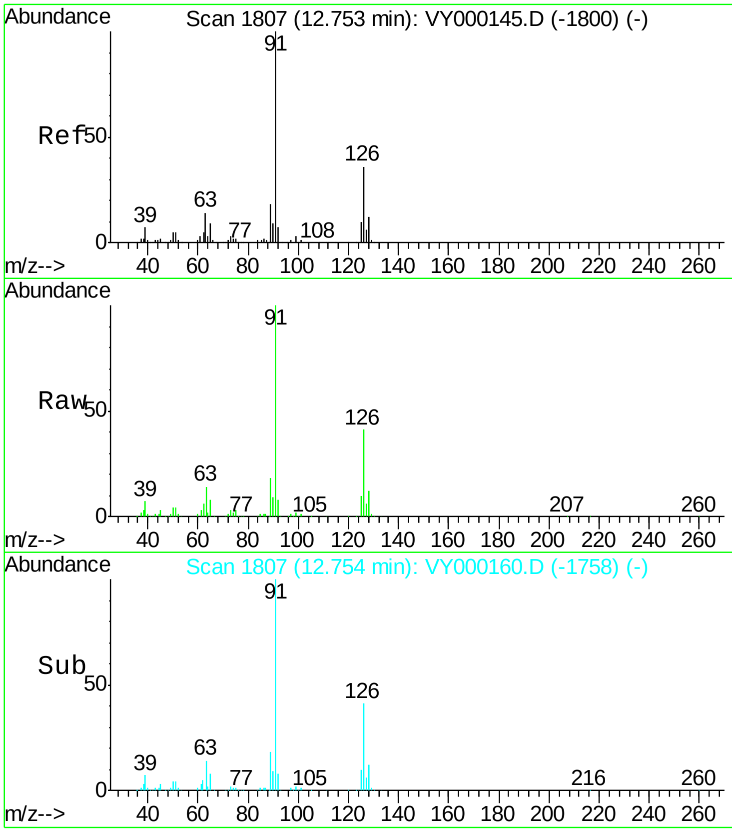


#78
n-propylbenzene
Concen: 50.033 ug/l
RT: 12.67 min   Scan# 1793
Delta R.T.   0.00 min
Lab File: VY000160.D
Acq: 26 Sep 2019   18:11

Tgt Ion: 91 Resp: 534182

Ion	Ratio	Lower	Upper
91	100		
120	25.2	12.8	38.3





#79
2-Chlorotoluene
Concen: 50.149 ug/l
RT: 12.75 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VY000160.D
Acq: 26 Sep 2019 18:11

Tgt Ion: 91 Resp: 291324

Ion	Ratio	Lower	Upper
91	100		
126	39.4	19.1	57.5

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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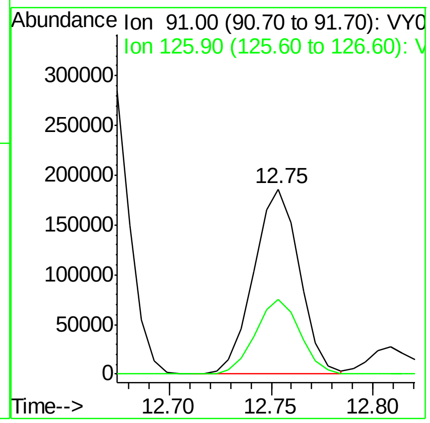
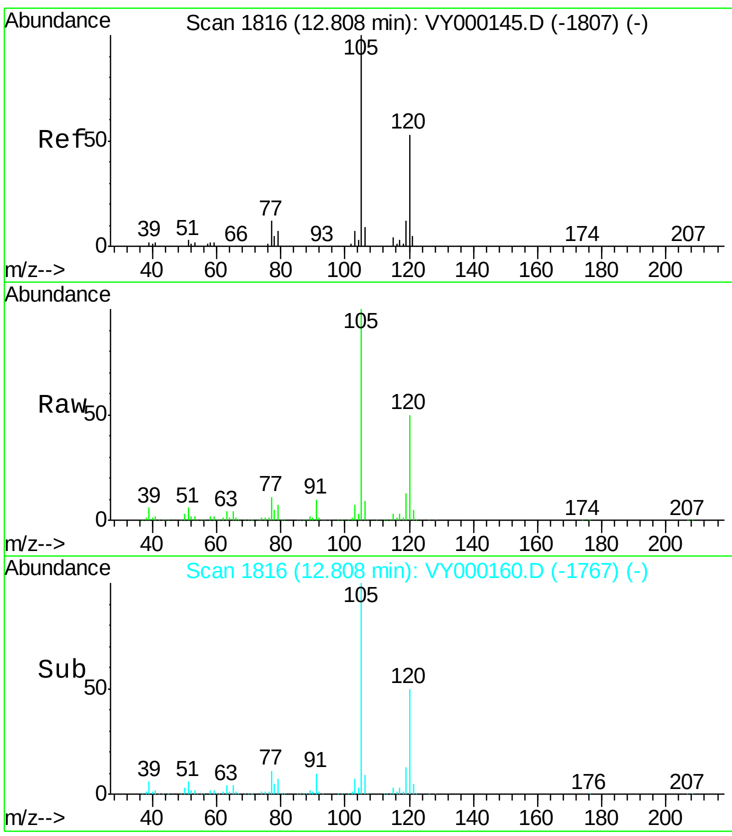
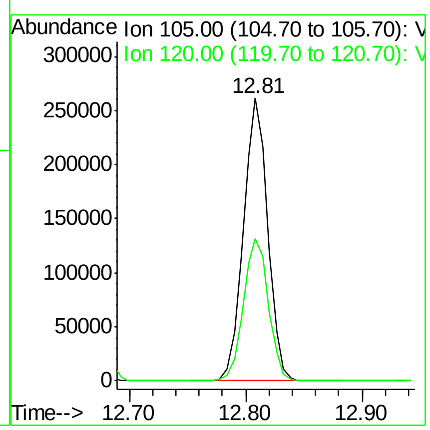


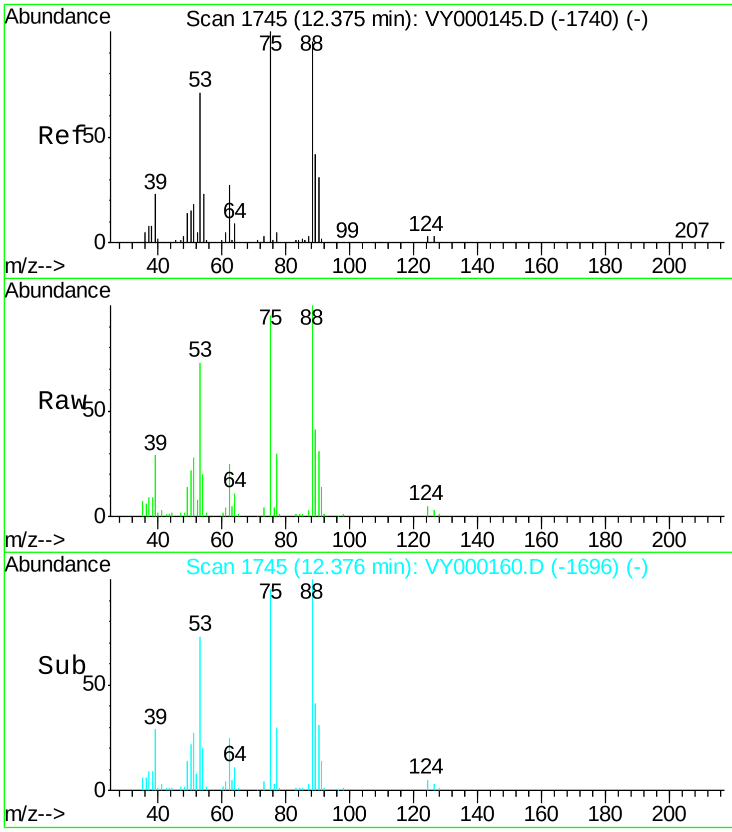


#80
1,3,5-Trimethylbenzene
Concen: 50.944 ug/l
RT: 12.81 min Scan# 1816
Delta R.T. 0.00 min
Lab File: VY000160.D
Acq: 26 Sep 2019 18:11

Tgt Ion:105 Resp: 379554

Ion	Ratio	Lower	Upper
105	100		
120	51.8	26.7	80.0





#81
trans-1,4-Dichloro-2-butene
Concen: 53.569 ug/l
RT: 12.38 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VY000160.D
Acq: 26 Sep 2019 18:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 33583

Ion	Ratio	Lower	Upper
75	100		
53	80.9	61.8	92.8
89	44.7	35.6	53.4

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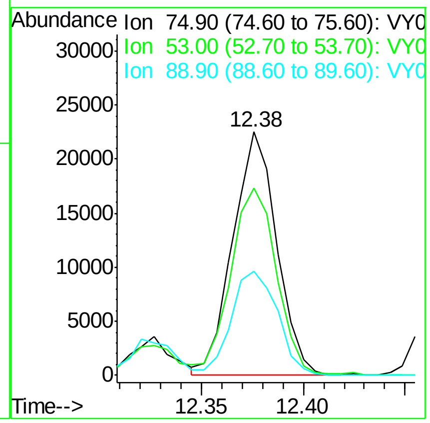
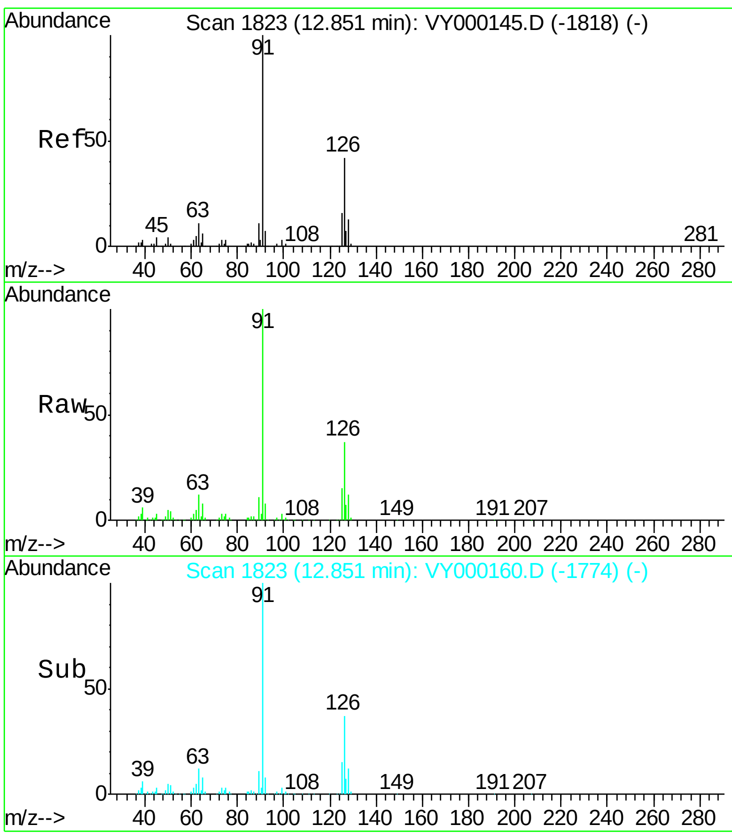
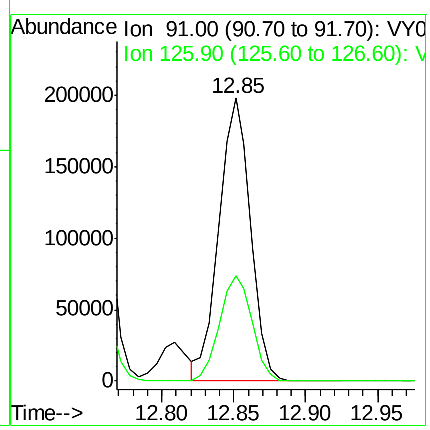


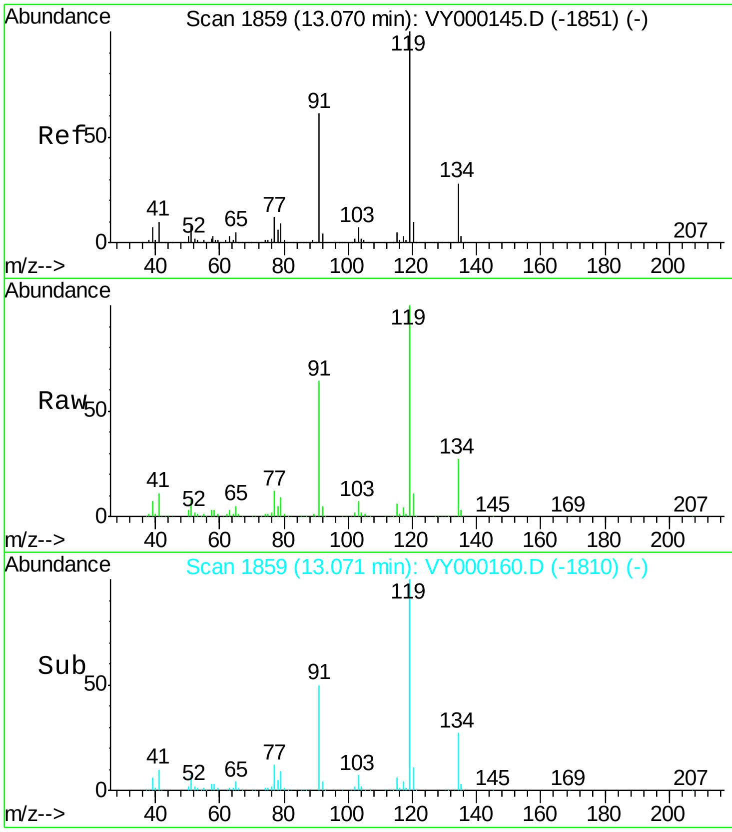


#82
4-Chlorotoluene
Concen: 50.100 ug/l
RT: 12.85 min Scan# 1823
Delta R.T. 0.00 min
Lab File: VY000160.D
Acq: 26 Sep 2019 18:11

Tgt Ion: 91 Resp: 303239

Ion	Ratio	Lower	Upper
91	100		
126	38.5	19.4	58.2





#83
tert-Butylbenzene
Concen: 49.459 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VY000160.D
Acq: 26 Sep 2019 18:11

Tgt Ion:119 Resp: 317320

Ion	Ratio	Lower	Upper
119	100		
91	63.7	31.0	93.0
134	28.4	14.0	41.9

Instrument : MSVOA_Y
ClientSampleId : VSTDCCC050EC

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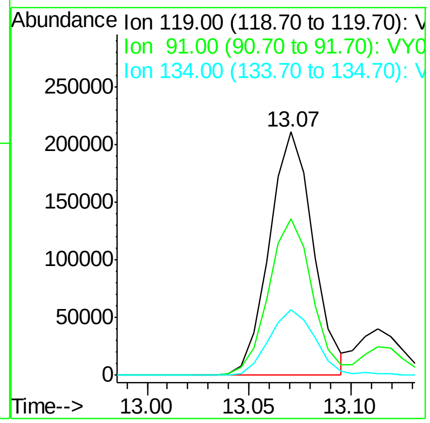
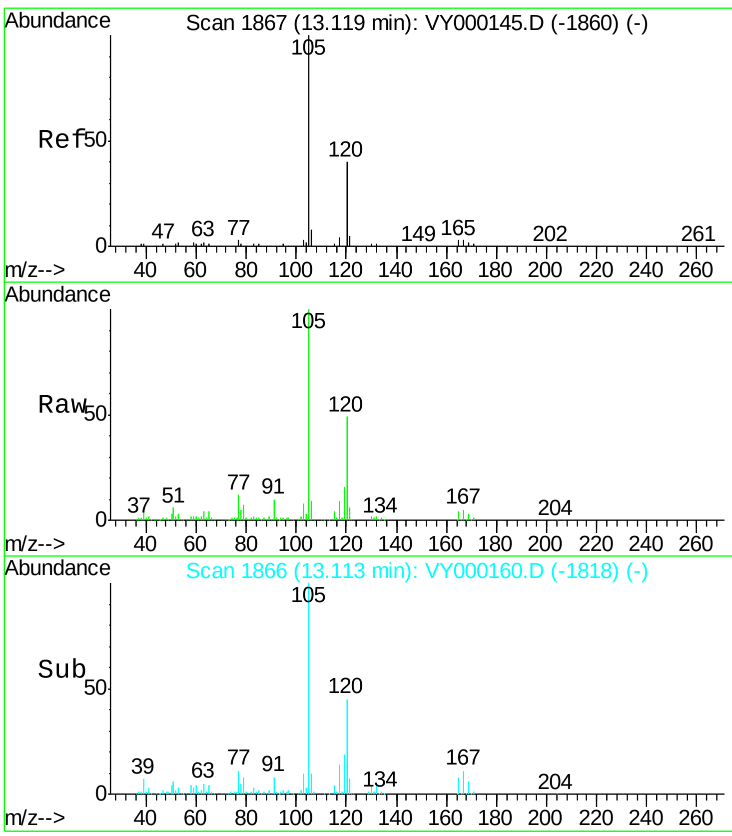
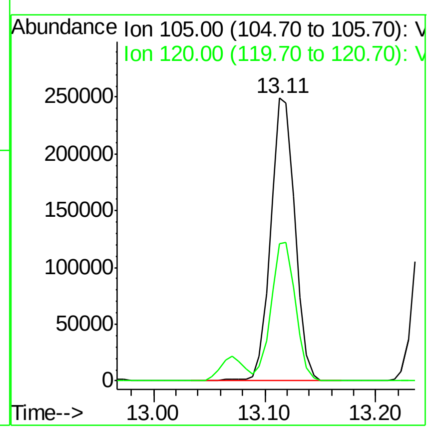


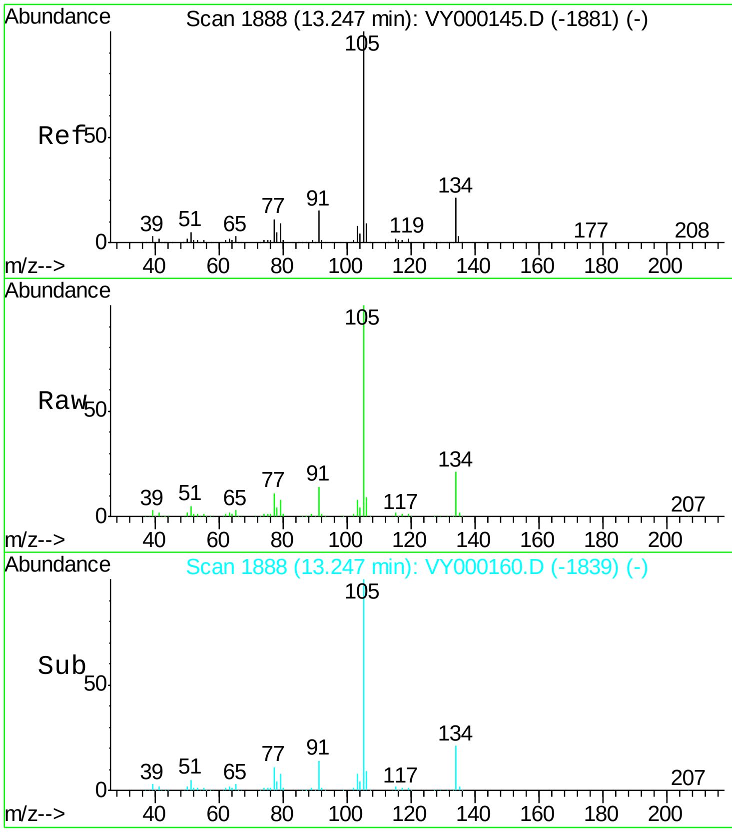


#84
1,2,4-Trimethylbenzene
Concen: 50.330 ug/l
RT: 13.11 min Scan# 1866
Delta R.T. -0.01 min
Lab File: VY000160.D
Acq: 26 Sep 2019 18:11

Tgt Ion:105 Resp: 378943

Ion	Ratio	Lower	Upper
105	100		
120	48.9	24.6	73.8





#85
sec-Butylbenzene
Concen: 50.749 ug/l
RT: 13.25 min Scan# 1888
Delta R.T. 0.00 min
Lab File: VY000160.D
Acq: 26 Sep 2019 18:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
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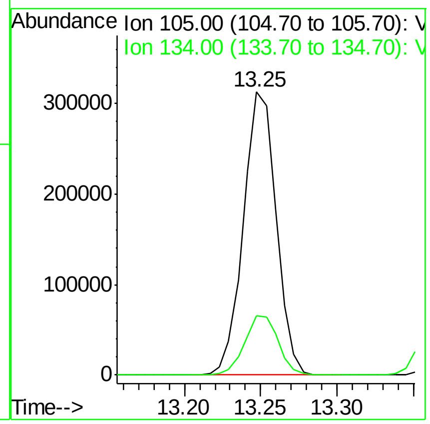
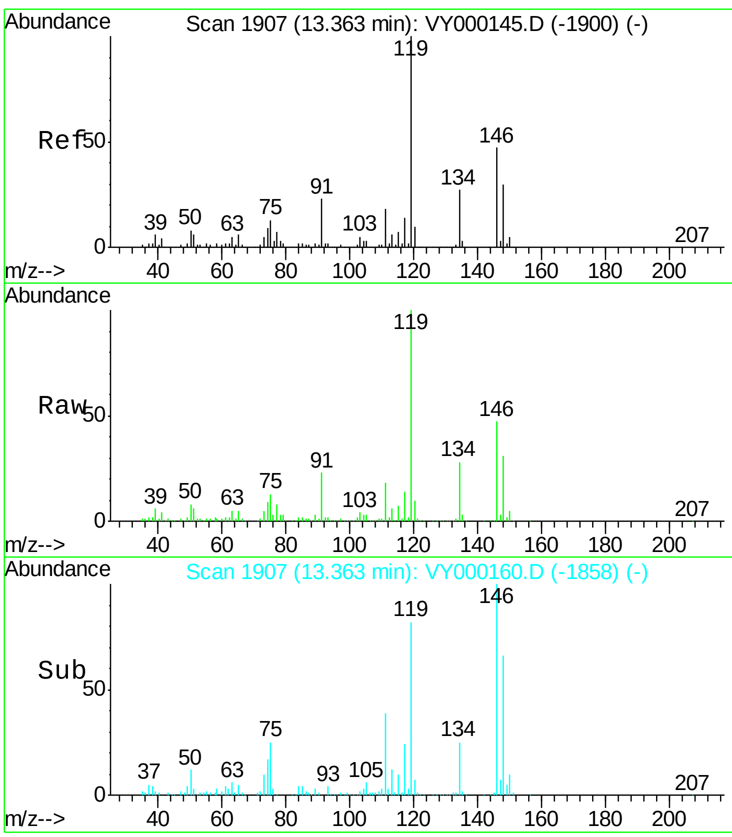
Tgt Ion:105 Resp: 467464

Ion	Ratio	Lower	Upper
105	100		
134	21.3	10.9	32.9

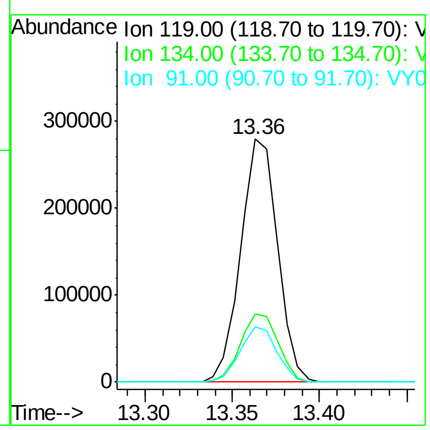


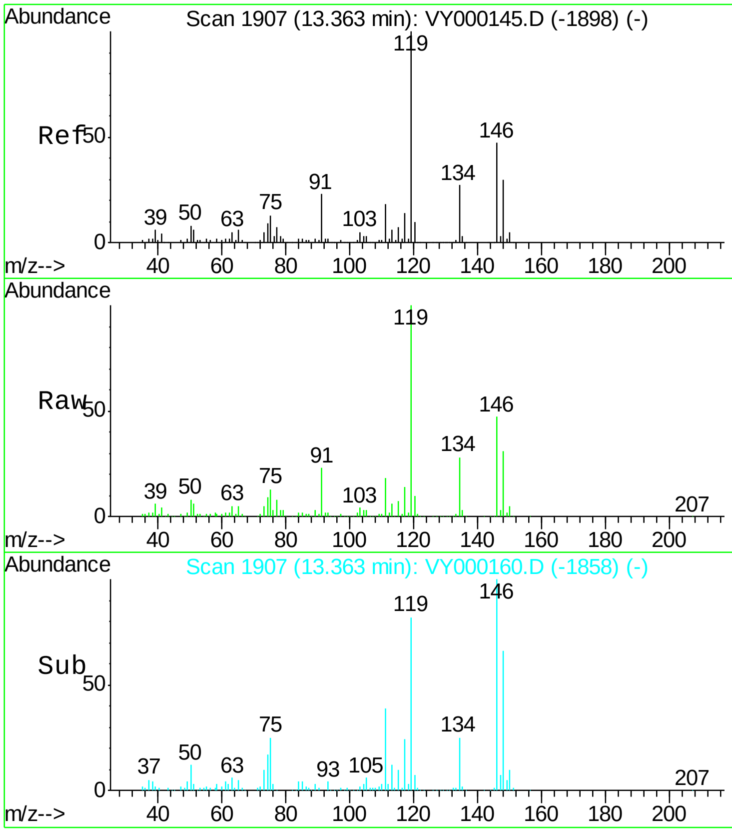


#86
p-Isopropyltoluene
Concen: 50.341 ug/l
RT: 13.36 min Scan# 1907
Delta R.T. 0.00 min
Lab File: VY000160.D
Acq: 26 Sep 2019 18:11

Tgt Ion:119 Resp: 412948

Ion	Ratio	Lower	Upper
119	100		
134	28.9	14.3	42.9
91	22.7	11.4	34.1





#87
1,3-Dichlorobenzene
Concen: 48.848 ug/l
RT: 13.36 min   Scan# 1907
Delta R.T.   0.00 min
Lab File: VY000160.D
Acq: 26 Sep 2019   18:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
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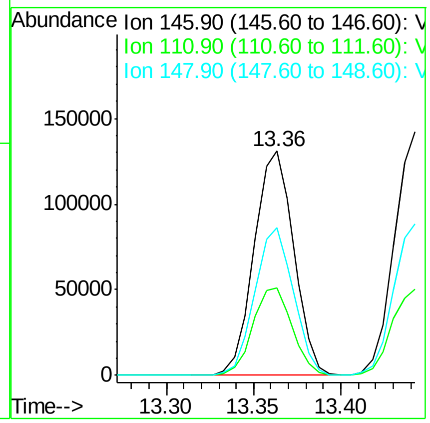
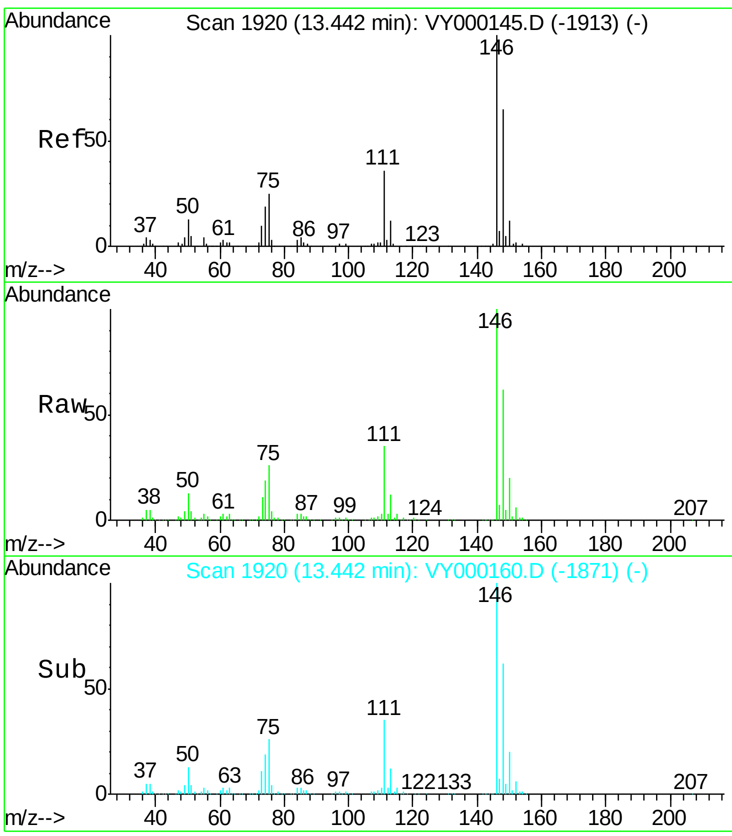
10/2/2019 9:13:23 AM

Tgt Ion:146 Resp: 207089

Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.0	57.0
148	64.3	31.6	94.8

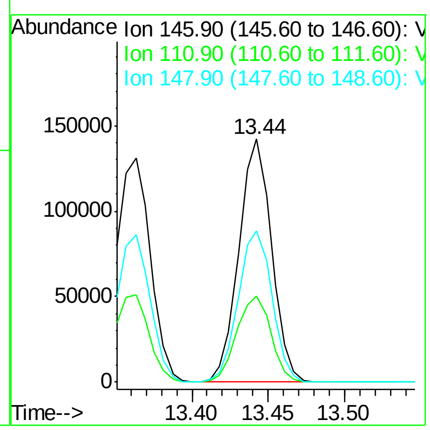


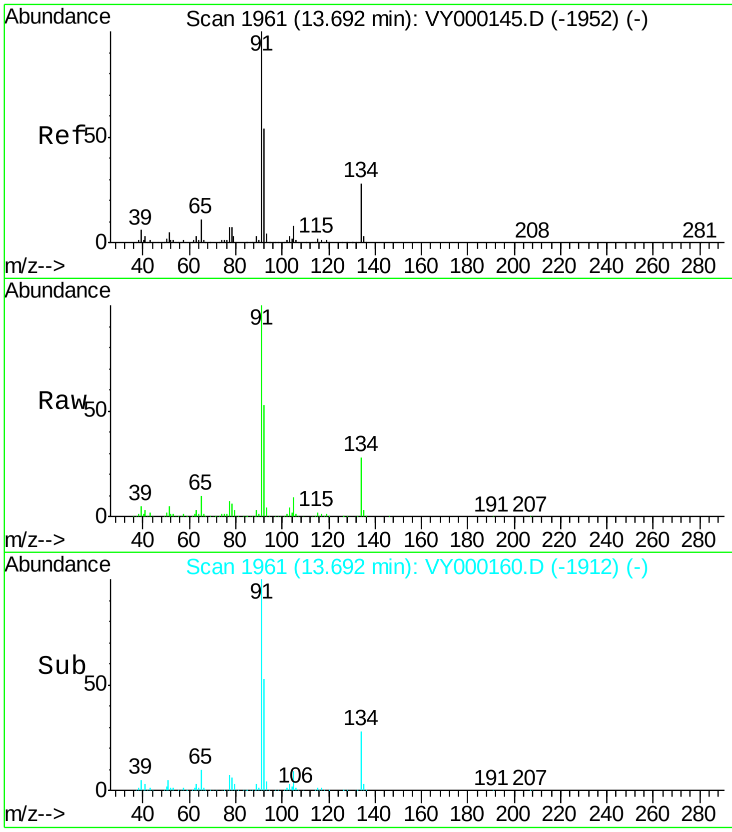


#88
1,4-Dichlorobenzene
Concen: 50.102 ug/l
RT: 13.44 min   Scan# 1920
Delta R.T.   0.00 min
Lab File: VY000160.D
Acq: 26 Sep 2019   18:11

Tgt Ion:146 Resp: 211433

Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.3	54.9
148	64.4	31.9	95.7





#89
n-Butylbenzene
Concen: 50.584 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY000160.D
Acq: 26 Sep 2019 18:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 394332

Ion	Ratio	Lower	Upper
91	100		
92	53.2	26.8	80.4
134	28.3	14.4	43.2

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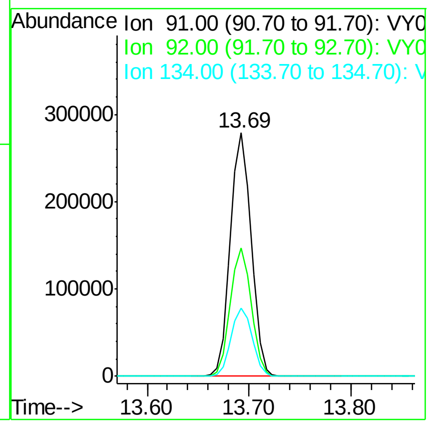
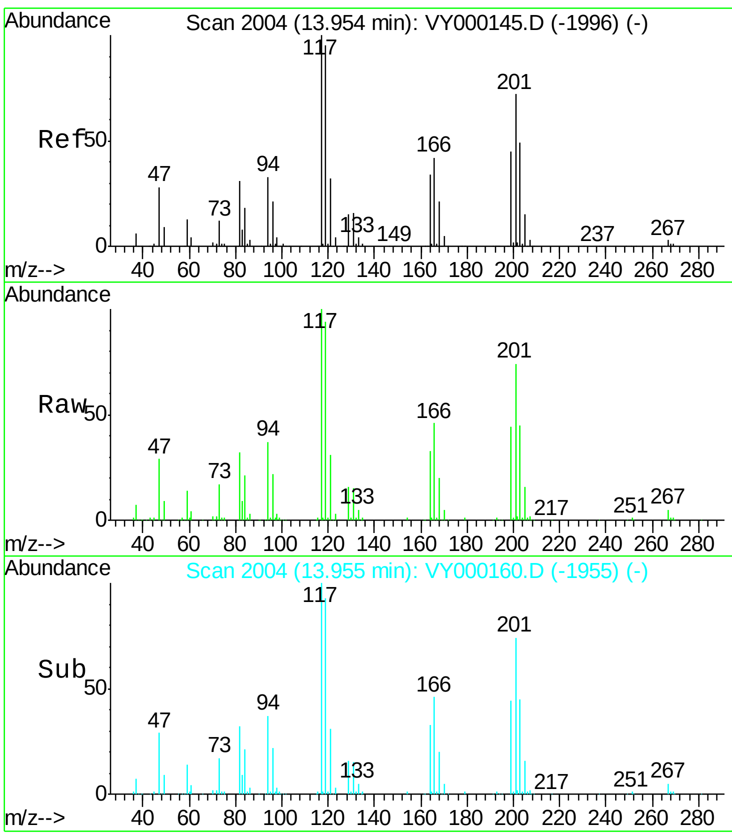
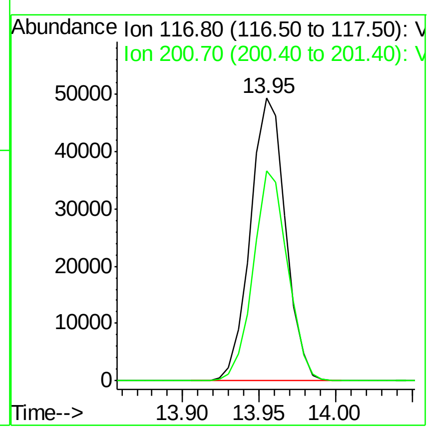


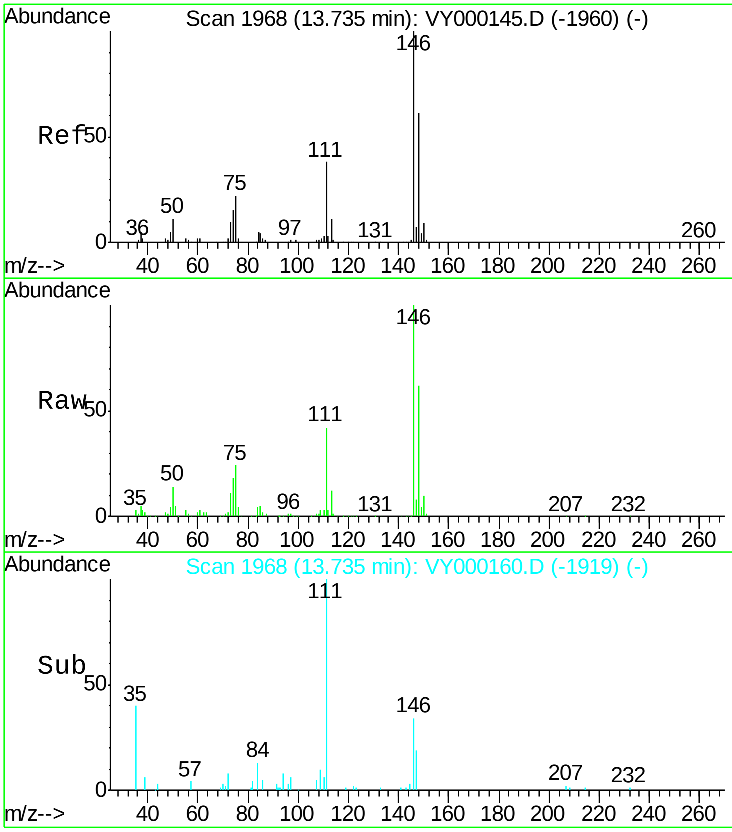


#90
Hexachloroethane
Concen: 50.884 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. 0.00 min
Lab File: VY000160.D
Acq: 26 Sep 2019 18:11

Tgt Ion:117 Resp: 78856

Ion	Ratio	Lower	Upper
117	100		
201	72.9	38.6	115.8





#91
1,2-Dichlorobenzene
Concen: 50.102 ug/l
RT: 13.74 min   Scan# 1968
Delta R.T.   0.00 min
Lab File: VY000160.D
Acq: 26 Sep 2019   18:11

Tgt Ion:146 Resp: 194066

Ion	Ratio	Lower	Upper
146	100		
111	40.5	19.2	57.6
148	64.3	31.9	95.7

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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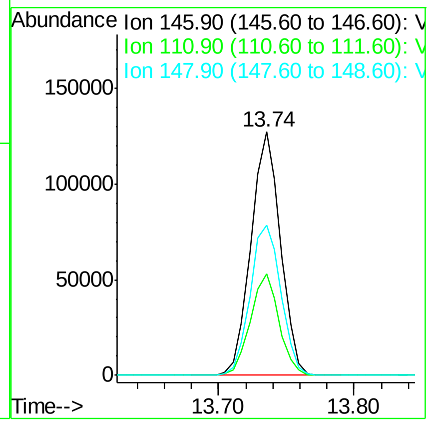
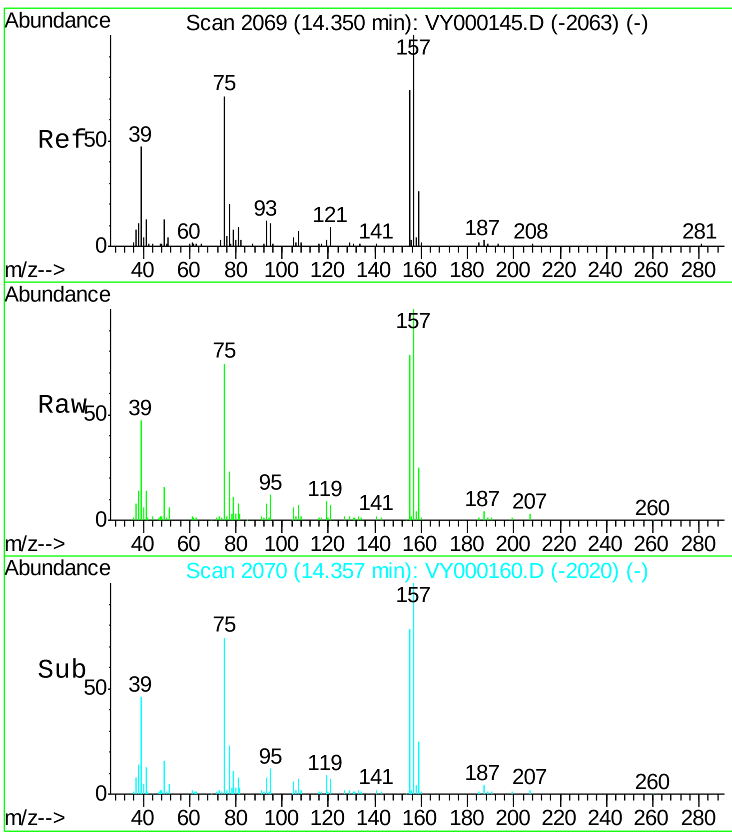
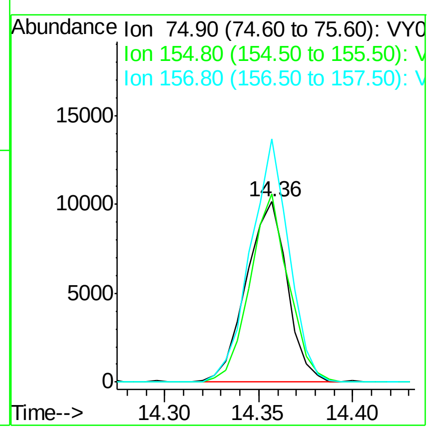


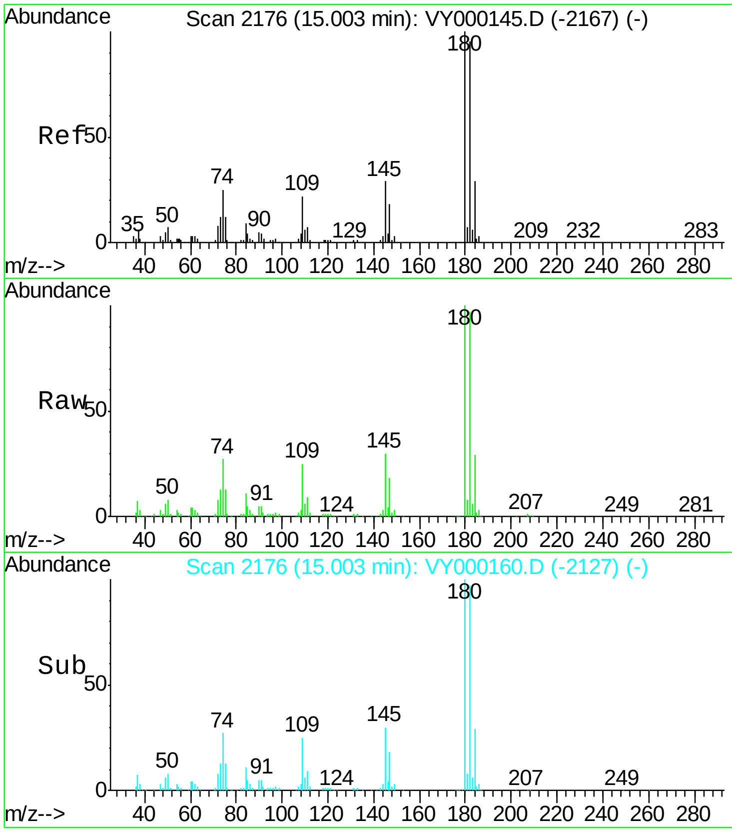


#92
1,2-Dibromo-3-Chloropropane
Concen: 55.818 ug/l
RT: 14.36 min   Scan# 2070
Delta R.T.   0.01 min
Lab File: VY000160.D
Acq: 26 Sep 2019   18:11

Tgt Ion: 75 Resp: 15354

Ion	Ratio	Lower	Upper
75	100		
155	98.1	51.3	153.9
157	126.2	67.3	201.8






```
#93
1,2,4-Trichlorobenzene
Concen:   50.185 ug/l
RT: 15.00 min  Scan# 2176
Delta R.T.   0.00 min
Lab File:   VY000160.D
Acq: 26 Sep 2019  18:11

Tgt Ion:180 Resp:  134869
Ion  Ratio  Lower  Upper
180  100
182   93.4   47.0  141.2
145   30.5   14.6   44.0
```

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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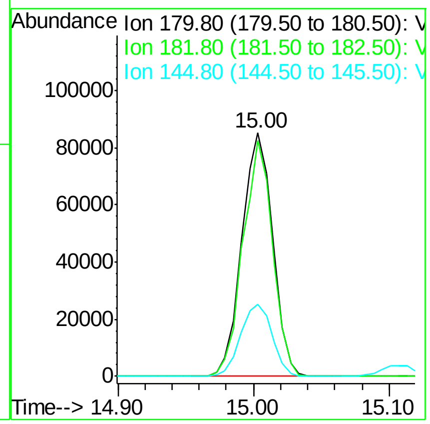
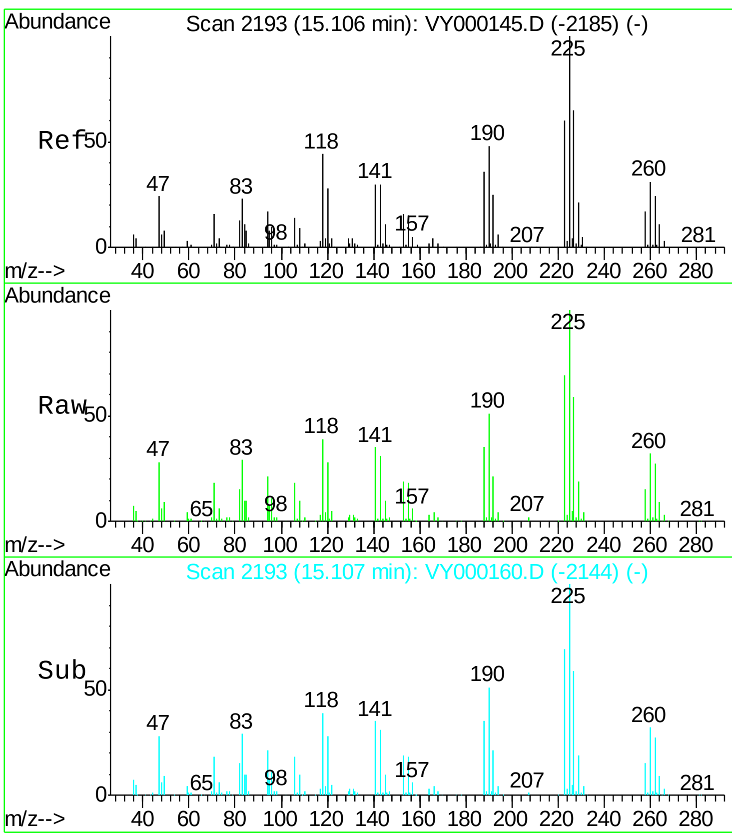
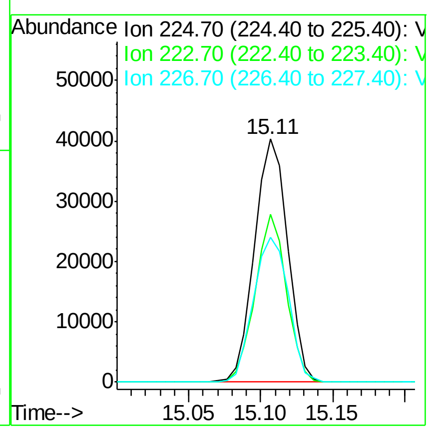
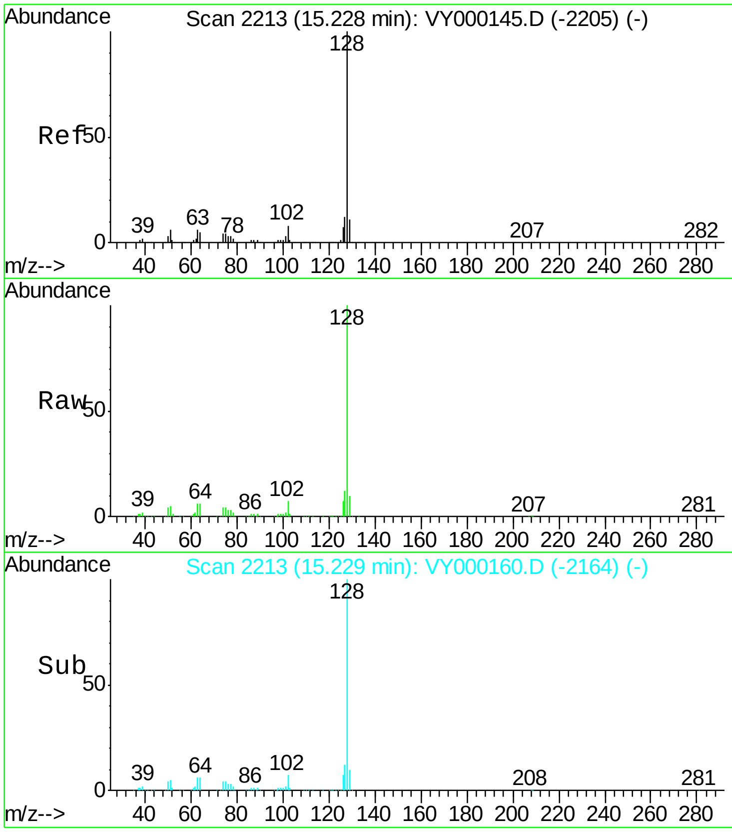





```
#94
Hexachlorobutadiene
Concen:   48.930 ug/l
RT: 15.11 min  Scan# 2193
Delta R.T.   0.00 min
Lab File:   VY000160.D
Acq: 26 Sep 2019  18:11

Tgt Ion:225 Resp:   64159
Ion  Ratio  Lower  Upper
225  100
223   65.1   31.5   94.5
227   62.7   32.4   97.0
```





#95
Naphthalene
Concen: 52.528 ug/l
RT: 15.23 min Scan# 2213
Delta R.T. 0.00 min
Lab File: VY000160.D
Acq: 26 Sep 2019 18:11

Tgt Ion:128 Resp: 316093

Ion	Ratio	Lower	Upper
128	100		
127	11.7	9.5	14.3
129	10.3	8.6	12.8

Instrument : MSVOA_Y
ClientSampleId : VSTDCCC050EC

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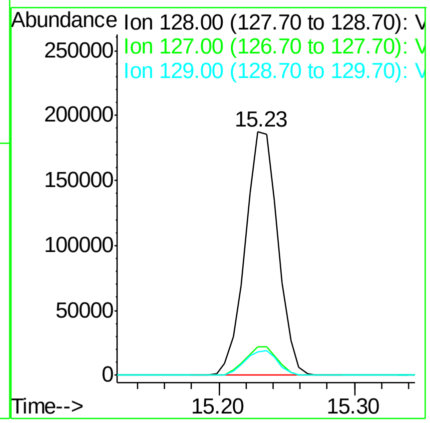
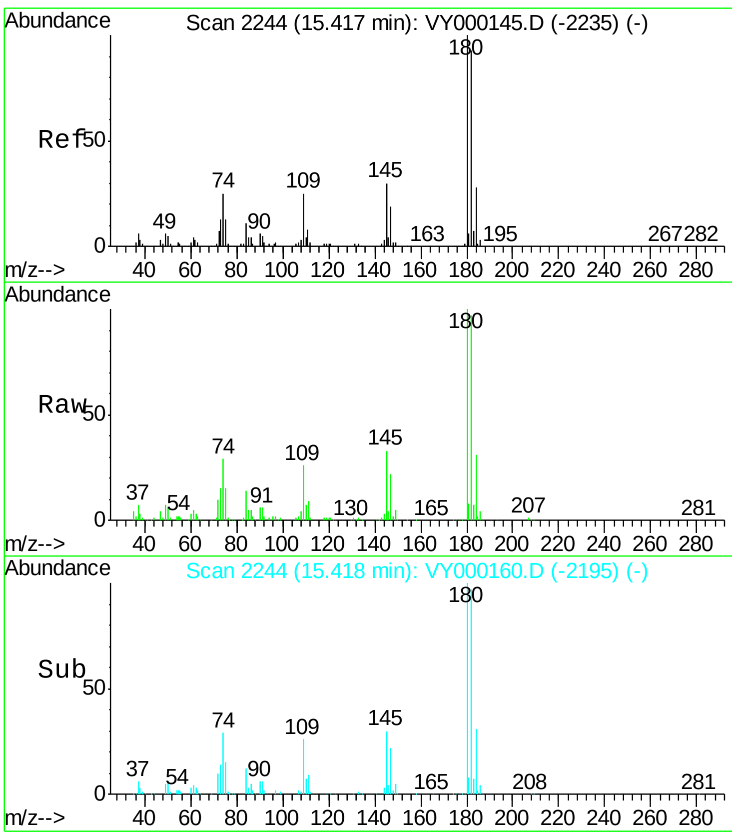
10/2/2019 9:13:23 AM





#96
1,2,3-Trichlorobenzene
Concen: 49.975 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. 0.00 min
Lab File: VY000160.D
Acq: 26 Sep 2019 18:11

Tgt Ion:180 Resp: 120452

Ion	Ratio	Lower	Upper
180	100		
182	94.2	46.6	139.7
145	32.6	15.4	46.4