Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY111319\
Data File : VY000664.D
Acq On : 13 Nov 2019 11:55
Operator : SY/MD
Sample : MDL01
Misc : 5.00G/10ML/MSVOA_Y/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : MDL01

Manual Integrations APPROVED
MMDADODA
11/19/2019 11:58:46 AM

Quant Time: Nov 14 07:57:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM111219S.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 13 16:30:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.70	114	349669	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	318779	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.42	152	147401	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.25	65	121480	24.60	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 98.40%			
7) Chloroethane-d5	2.77	69	110116	25.10	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 100.40%			
10) 1,1-Dichloroethene-d2	3.86	63	169253	18.56	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 74.24%			
20) 2-Butanone-d5	6.90	46	93207	45.74	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 91.48%			
24) Chloroform-d	7.49	84	217704	23.73	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 94.92%			
26) 1,2-Dichloroethane-d4	8.15	65	129828	24.40	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.60%			
29) Benzene-d6	8.12	84	468594	25.31	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 101.24%			
33) 1,2-Dichloropropane-d6	9.13	67	144640	24.93	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 99.72%			
37) Toluene-d8	10.18	98	423049	24.46	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 97.84%			
38) trans-1,3-Dichloropropene-	10.44	79	65917	24.35	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 97.40%			
39) 2-Hexanone-d5	10.79	63	70496	44.96	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 89.92%			
48) 1,1,2,2-Tetrachloroethane-	12.56	84	125724	22.28	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 89.12%			
61) 1,2-Dichlorobenzene-d4	13.72	152	150245	25.49	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 101.96%			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.91	85	3307m	0.716	ug/L	
3) Chloromethane	2.12	50	3789	0.654	ug/L #	58
5) Vinyl chloride	2.26	62	3827m	0.662	ug/L	
6) Bromomethane	2.66	94	2417m	0.766	ug/L	
8) Chloroethane	2.80	64	2000	0.552	ug/L	83
9) Trichlorofluoromethane	3.13	101	5852	0.715	ug/L	95
11) 1,1,2-Trichloro-1,2,2-trif	3.91	101	3081m	0.663	ug/L	
12) 1,1-Dichloroethene	3.88	96	4148m	0.915	ug/L	
13) Acetone	3.96	43	4030m	2.703	ug/L	
14) Carbon disulfide	4.21	76	8195	0.586	ug/L #	82
15) Methyl Acetate	4.49	43	1687m	0.494	ug/L	
16) Methylene chloride	4.72	84	12883	2.232	ug/L	91
17) Methyl tert-butyl Ether	5.22	73	7664m	0.556	ug/L	
18) trans-1,2-Dichloroethene	5.23	96	3003	0.593	ug/L #	85
19) 1,1-Dichloroethane	6.04	63	5294m	0.594	ug/L	
21) 2-Butanone	7.00	43	5796m	2.207	ug/L	
22) cis-1,2-Dichloroethene	6.99	96	2900	0.518	ug/L #	63

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY111319\
Data File : VY000664.D
Acq On : 13 Nov 2019 11:55
Operator : SY/MD
Sample : MDL01
Misc : 5.00G/10ML/MSVOA_Y/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : MDL01

Manual Integrations APPROVED
MMDADODA
11/19/2019 11:58:46 AM

Quant Time: Nov 14 07:57:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM111219S.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 13 16:30:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	7.35	128	1620	0.663 ug/L #	69
25) Chloroform	7.52	83	11767	1.225 ug/L	77
27) 1,2-Dichloroethane	8.24	62	3869	0.603 ug/L #	93
30) Cyclohexane	7.80	56	4896	0.563 ug/L #	80
31) 1,1,1-Trichloroethane	7.71	97	4045	0.515 ug/L #	93
32) Carbon tetrachloride	7.91	117	3851	0.563 ug/L #	62
34) Benzene	8.18	78	12253	0.588 ug/L	100
35) Trichloroethene	8.96	95	3251m	0.595 ug/L	
36) Methylcyclohexane	9.18	83	5124	0.548 ug/L #	27
40) 1,2-Dichloropropane	9.22	63	2796	0.529 ug/L	98
41) Bromodichloromethane	9.50	83	4152	0.611 ug/L #	81
42) cis-1,3-Dichloropropene	9.94	75	3916	0.460 ug/L	85
43) 4-Methyl-2-pentanone	10.07	43	7306	1.446 ug/L #	94
44) Toluene	10.25	91	12941	0.574 ug/L	95
45) trans-1,3-Dichloropropene	10.47	75	4627	0.633 ug/L #	80
46) 1,1,2-Trichloroethane	10.65	97	2402	0.554 ug/L #	80
47) Tetrachloroethene	10.72	164	2350	0.576 ug/L #	77
49) 2-Hexanone	10.83	43	6255	1.590 ug/L #	60
50) Dibromochloromethane	10.99	129	2563	0.524 ug/L	78
51) 1,2-Dibromoethane	11.10	107	2219	0.526 ug/L #	89
52) Chlorobenzene	11.52	112	8544	0.598 ug/L	92
53) Ethylbenzene	11.60	91	14228	0.558 ug/L	88
54) m,p-Xylene	11.70	106	5969	0.619 ug/L	96
55) o-xylene	12.03	106	5143	0.543 ug/L	98
56) Styrene	12.05	104	7261	0.462 ug/L	98
57) Isopropylbenzene	12.33	105	14324	0.581 ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.58	83	3725	0.689 ug/L #	90
59) 1,2,3-Trichloropropane	12.63	75	2196	0.500 ug/L	94
62) Bromoform	12.20	173	1428	0.510 ug/L #	98
63) 1,3-Dichlorobenzene	13.37	146	6597	0.627 ug/L	92
64) 1,4-Dichlorobenzene	13.44	146	6475	0.616 ug/L	96
65) 1,2-Dichlorobenzene	13.74	146	6166	0.633 ug/L	92
66) 1,2-Dibromo-3-chloropropan	14.36	75	671m	0.725 ug/L	
67) 1,3,5-Trichlorobenzene	14.50	180	4127	0.563 ug/L	93
68) 1,2,4-trichlorobenzene	15.01	180	4010	0.612 ug/L	92
69) Naphthalene	15.23	128	9108	0.558 ug/L #	94
70) 1,2,3-Trichlorobenzene	15.42	180	3390	0.557 ug/L #	83

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

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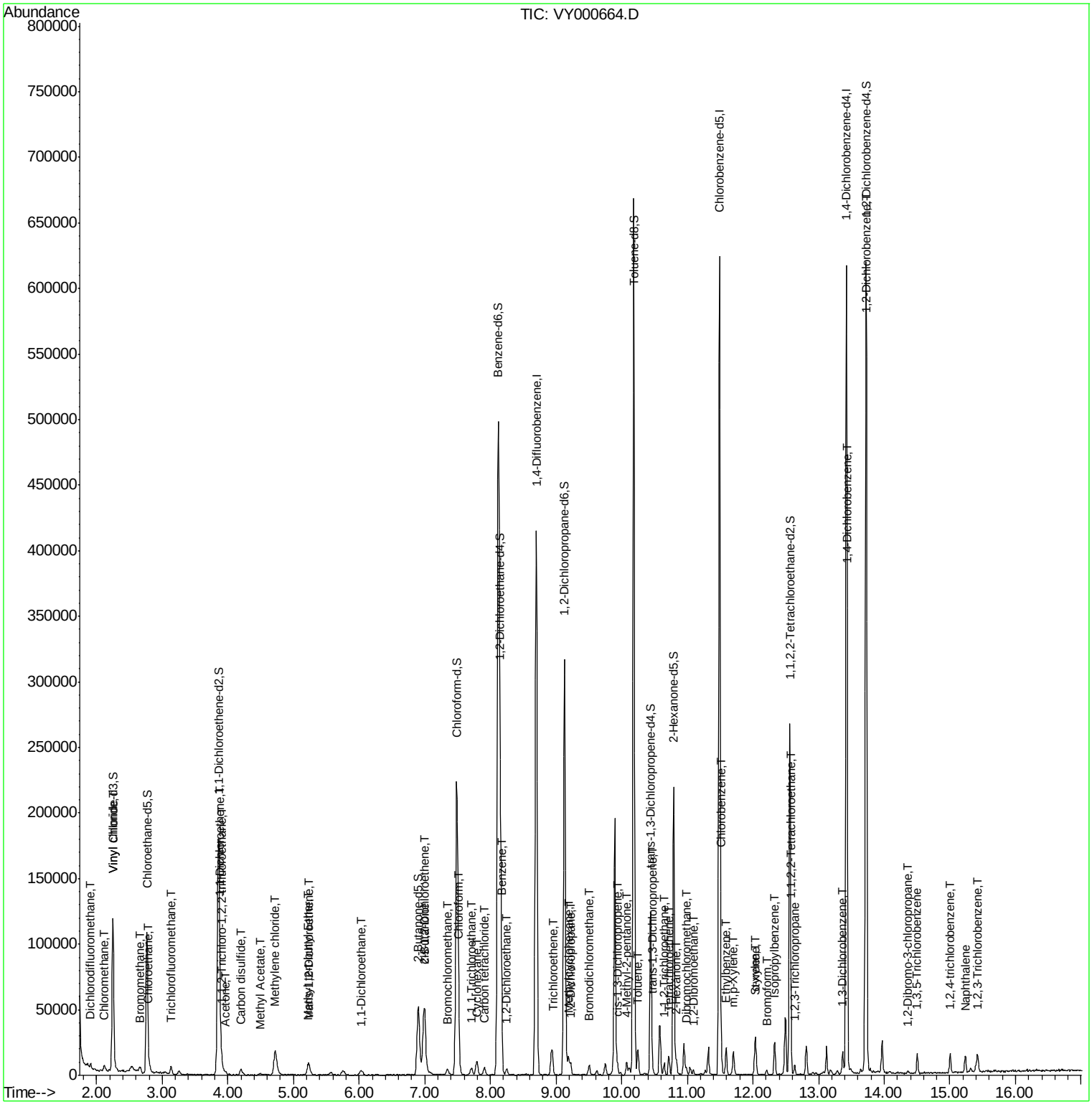
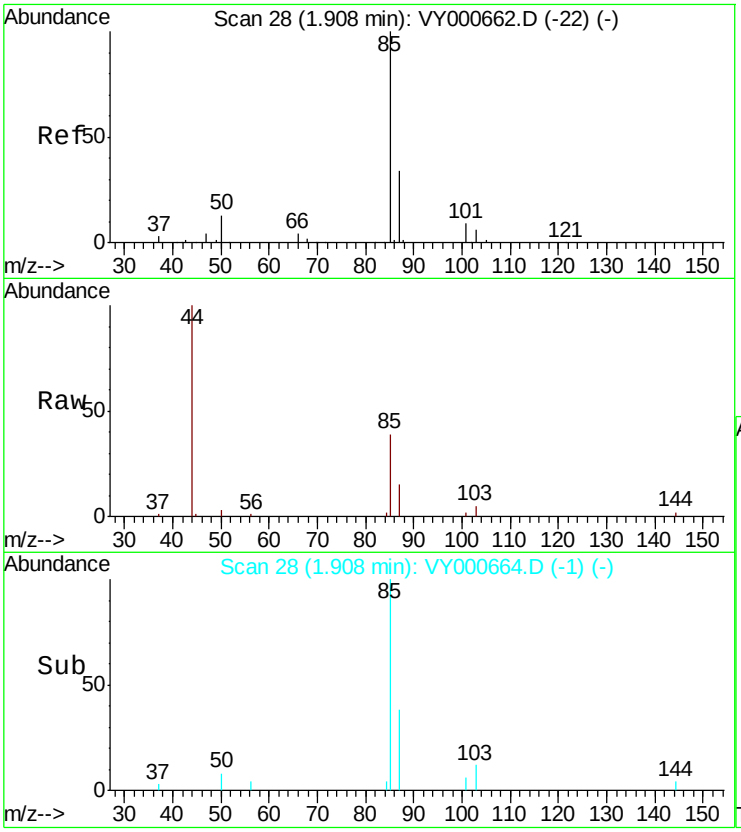
Data File : VY000664.D
Acq On : 13 Nov 2019 11:55
Operator : SY/MD
Sample : MDL01
Misc : 5.00G/10ML/MSVOA_Y/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 14 07:57:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM111219S.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 13 16:30:20 2019
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
MDL01

Manual Integrations APPROVED
MMDADODA
11/19/2019 11:58:46 AM

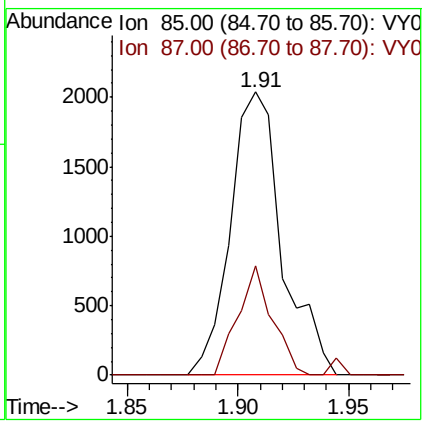




#2
Dichlorodifluoromethane
Concen: 0.716 ug/L m
RT: 1.91 min Scan# 28
Delta R.T. 0.01 min
Lab File: VY000664.D
Acq: 13 Nov 2019 11:55

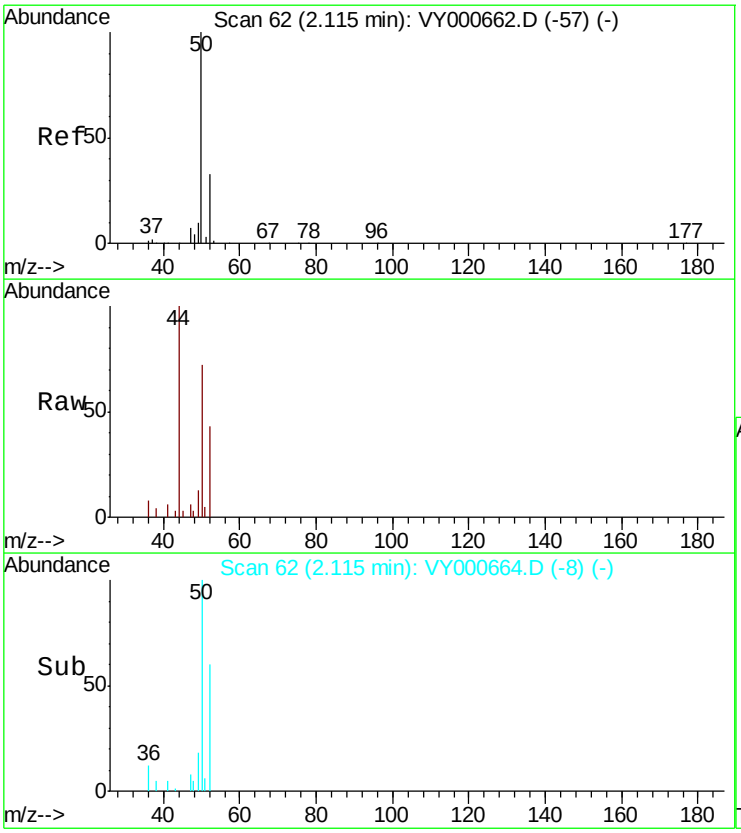
Tgt Ion: 85 Resp: 3307

Ion	Ratio	Lower	Upper
85	100		
87	25.6	22.7	42.1



Instrument :
MSVOA_Y
ClientSampleId :
MDL01

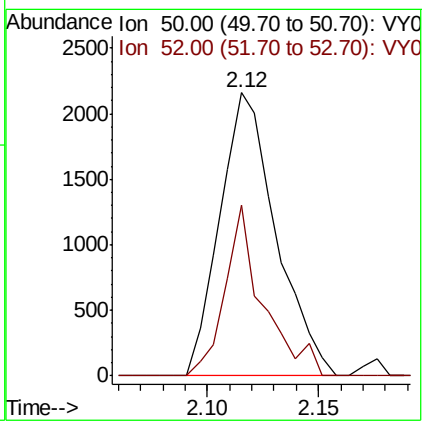
Manual Integrations APPROVED
MMDADODA
11/19/2019 11:58:46 AM

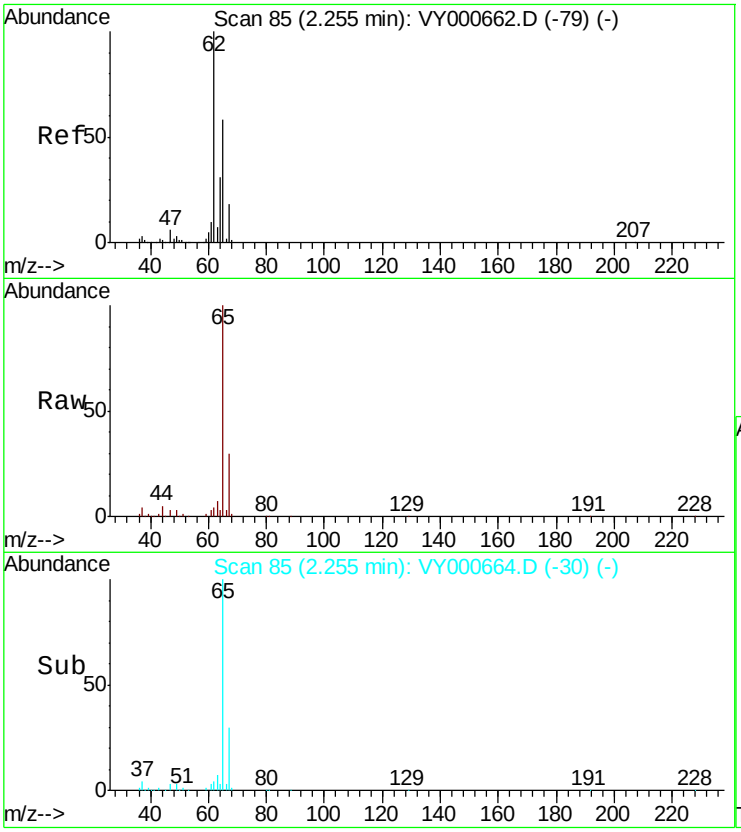


#3
Chloromethane
Concen: 0.654 ug/L
RT: 2.12 min Scan# 62
Delta R.T. 0.00 min
Lab File: VY000664.D
Acq: 13 Nov 2019 11:55

Tgt Ion: 50 Resp: 3789

Ion	Ratio	Lower	Upper
50	100		
52	60.4	24.9	46.3#





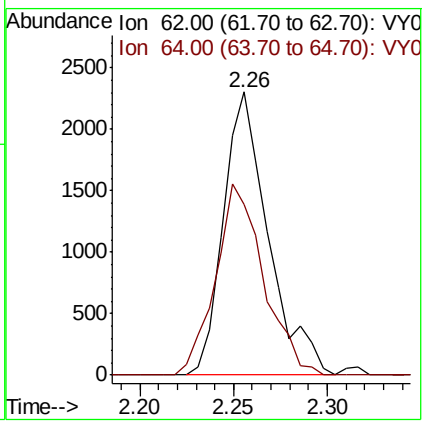
#5
Vinyl chloride
Concen: 0.662 ug/L m
RT: 2.26 min Scan# 85
Delta R.T. 0.01 min
Lab File: VY000664.D
Acq: 13 Nov 2019 11:55

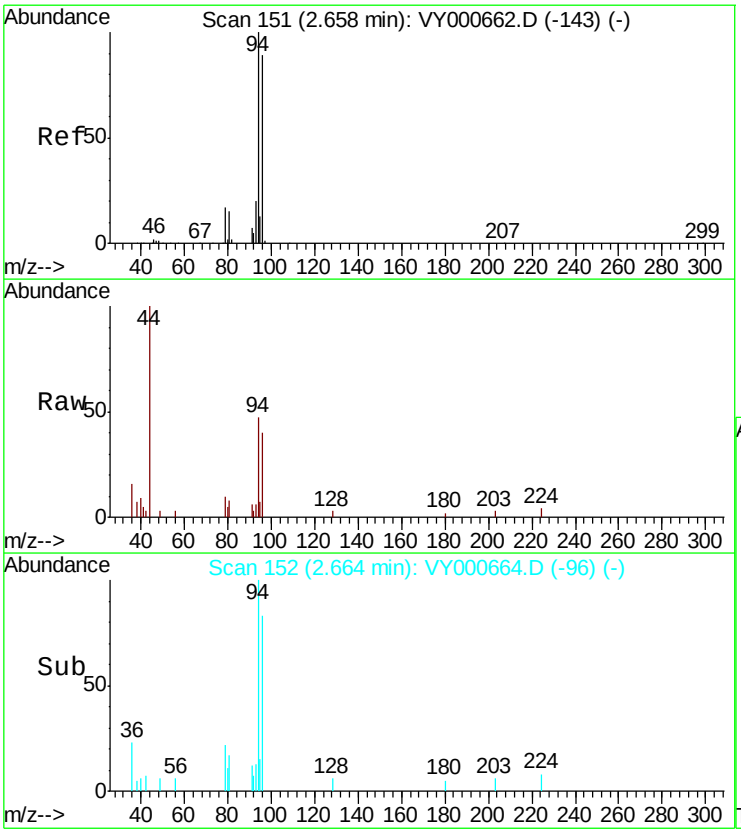
Tgt Ion: 62 Resp: 3827

Ion	Ratio	Lower	Upper
62	100		
64	60.3	22.0	40.8#

Instrument :
MSVOA_Y
ClientSampleId :
MDL01

Manual Integrations APPROVED
MMDADODA
11/19/2019 11:58:46 AM

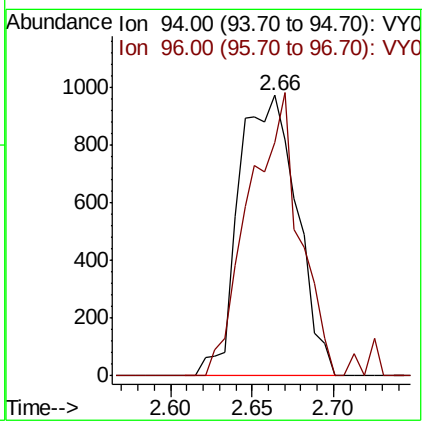


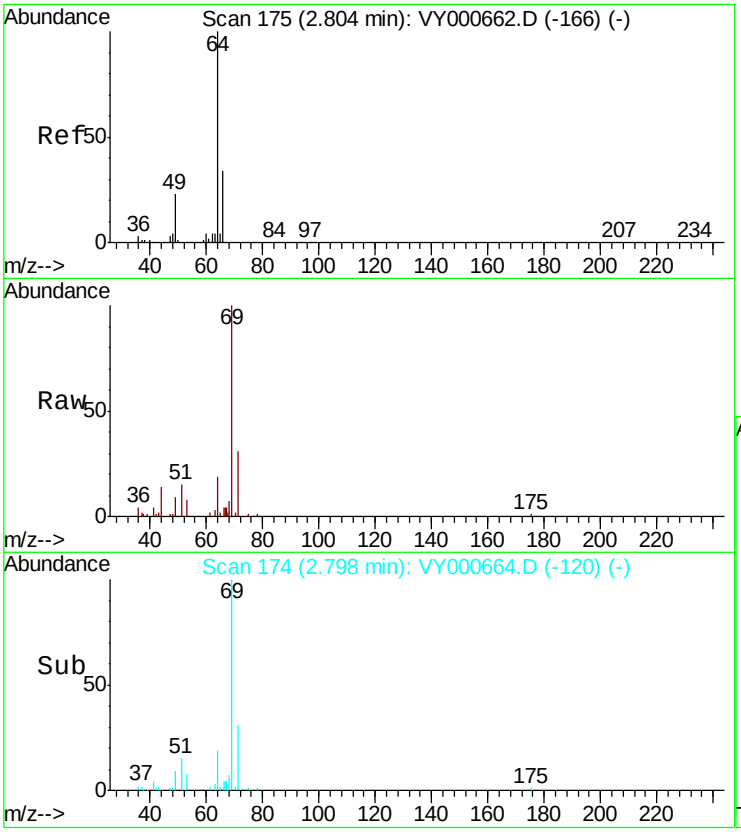


#6
Bromomethane
Concen: 0.766 ug/L m
RT: 2.66 min Scan# 152
Delta R.T. 0.01 min
Lab File: VY000664.D
Acq: 13 Nov 2019 11:55

Tgt Ion: 94 Resp: 2417

Ion	Ratio	Lower	Upper
94	100		
96	2.5	9.8	185.6#

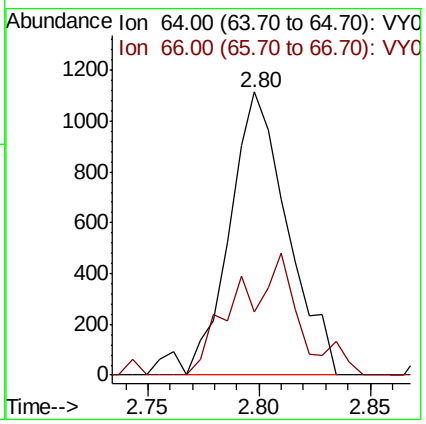




#8
Chloroethane
Concen: 0.552 ug/L
RT: 2.80 min Scan# 174
Delta R.T. 0.00 min
Lab File: VY000664.D
Acq: 13 Nov 2019 11:55

Tgt Ion: 64 Resp: 2000

Ion	Ratio	Lower	Upper
64	100		
66	22.4	22.2	41.2



Instrument :
MSVOA_Y
ClientSampleId :
MDL01

Manual Integrations APPROVED
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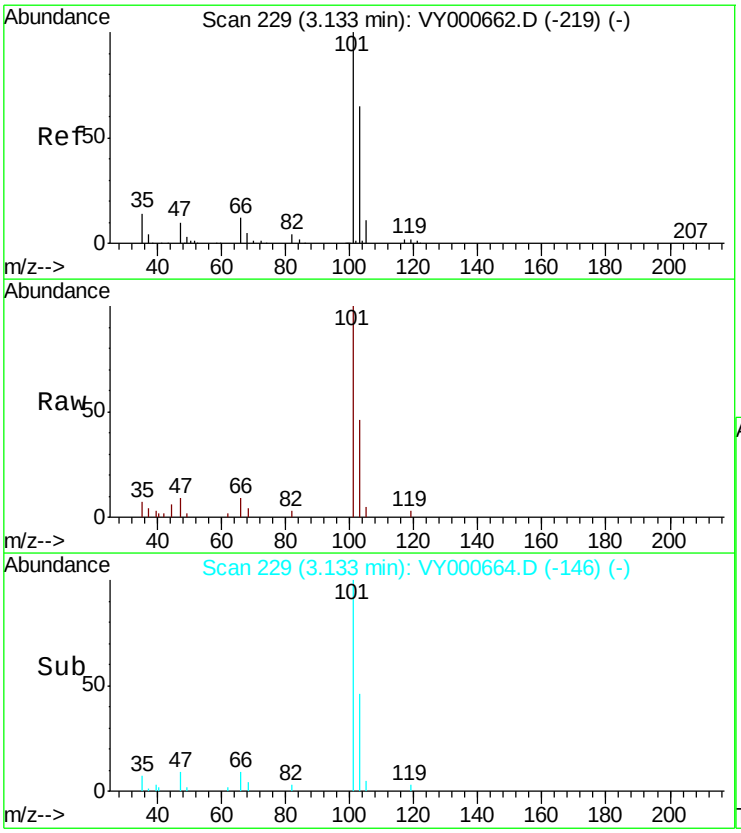
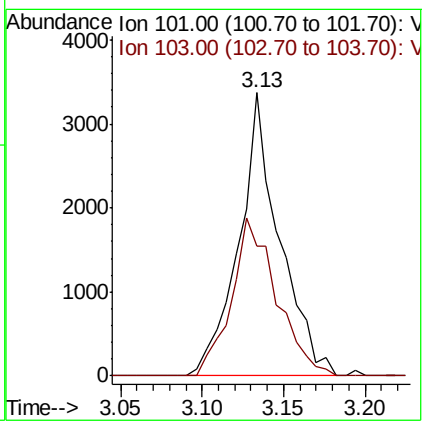
11/19/2019 11:58:46 AM

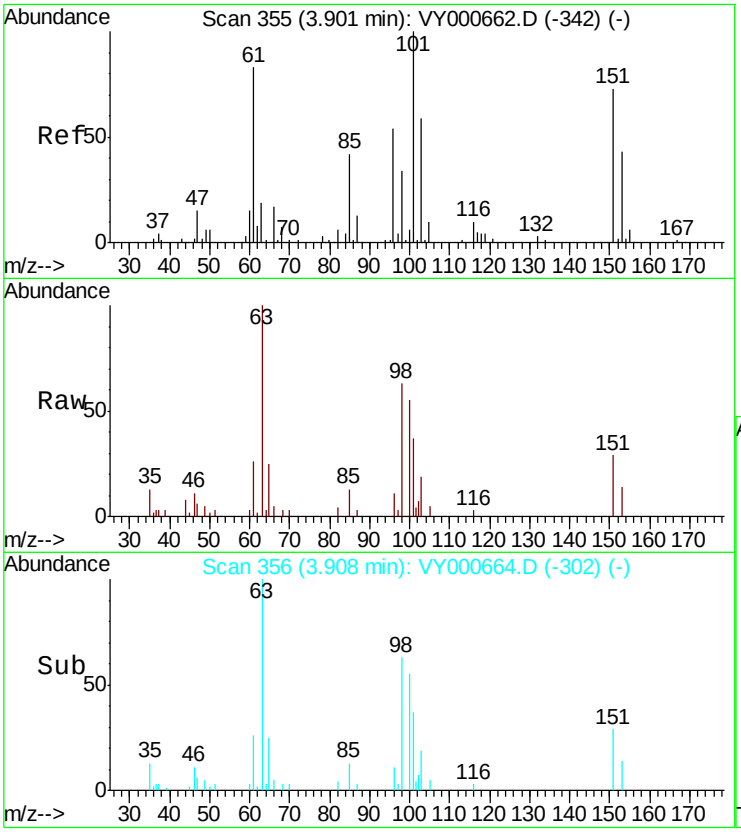


#9
Trichlorofluoromethane
Concen: 0.715 ug/L
RT: 3.13 min Scan# 229
Delta R.T. 0.01 min
Lab File: VY000664.D
Acq: 13 Nov 2019 11:55

Tgt Ion:101 Resp: 5852

Ion	Ratio	Lower	Upper
101	100		
103	61.6	45.8	85.0





#11
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.663 ug/L m
RT: 3.91 min Scan# 356
Delta R.T. 0.00 min
Lab File: VY000664.D
Acq: 13 Nov 2019 11:55

Instrument :
MSVOA_Y
ClientSampleId :
MDL01

Tgt Ion:101 Resp: 3081

Ion	Ratio	Lower	Upper
101	100		
85	13.3	35.3	52.9#
151	55.4	61.9	92.9#

Manual Integrations APPROVED
MMDADODA
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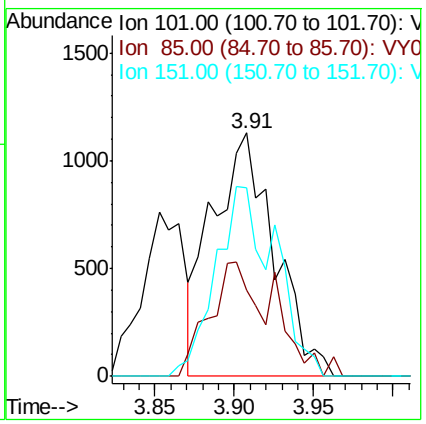
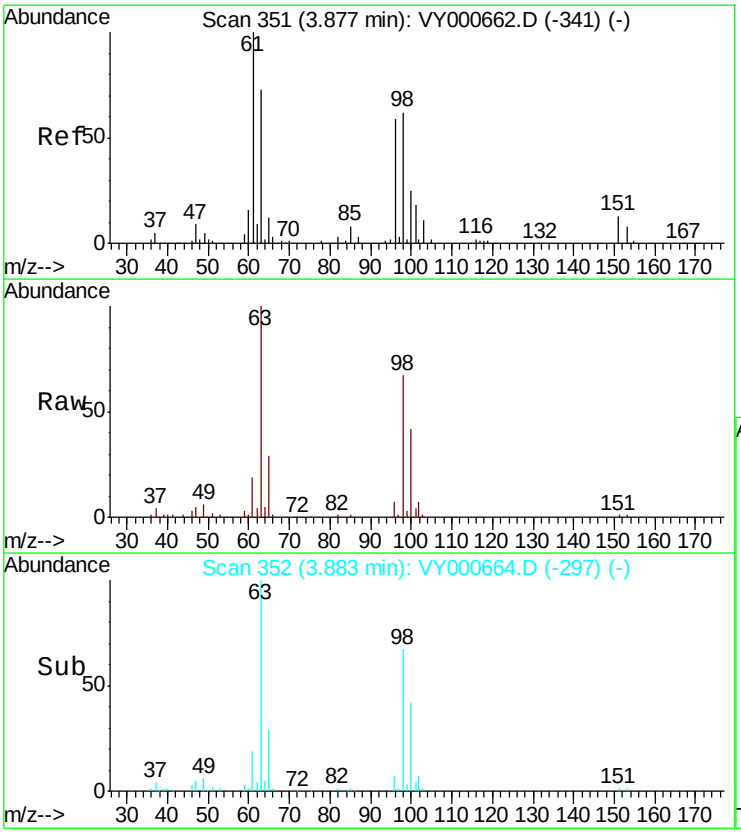
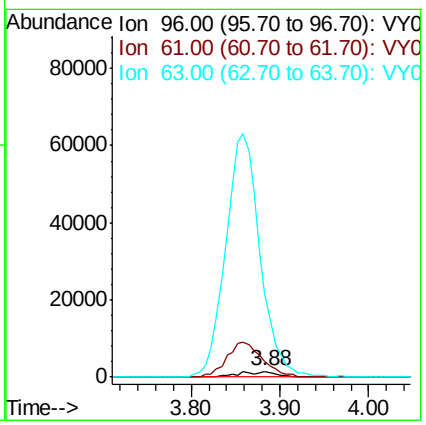


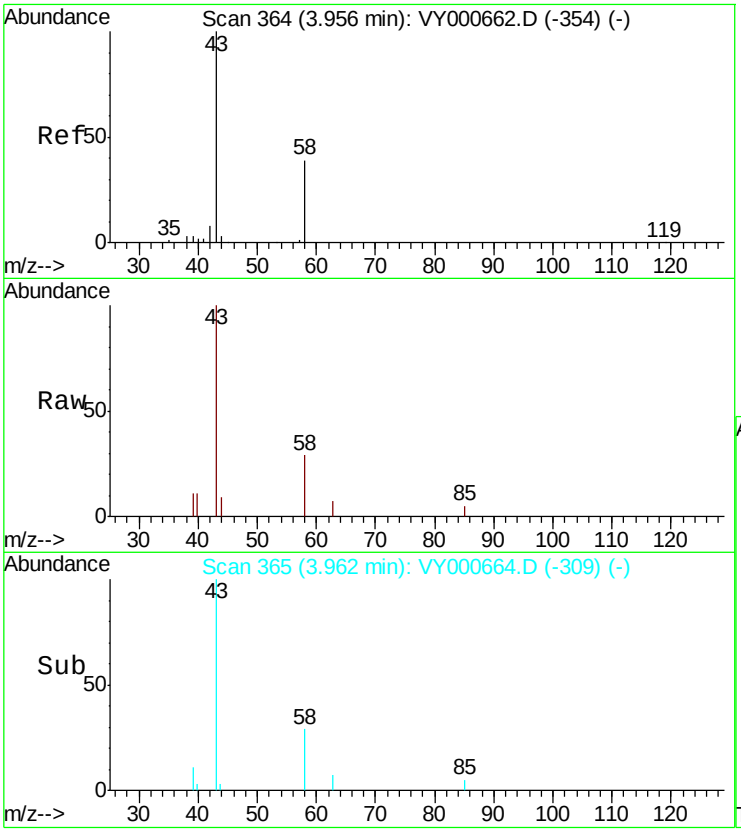


#12
1,1-Dichloroethene
Concen: 0.915 ug/L m
RT: 3.88 min Scan# 352
Delta R.T. 0.01 min
Lab File: VY000664.D
Acq: 13 Nov 2019 11:55

Tgt Ion: 96 Resp: 4148

Ion	Ratio	Lower	Upper
96	100		
61	255.2	113.5	210.9#
63	1353.8	94.3	175.1#





#13
Acetone
Concen: 2.703 ug/L m
RT: 3.96 min Scan# 365
Delta R.T. 0.01 min
Lab File: VY000664.D
Acq: 13 Nov 2019 11:55

Tgt Ion: 43 Resp: 4030

Ion	Ratio	Lower	Upper
43	100		
58	32.4	0.0	64.8

Instrument :
MSVOA_Y
ClientSampleId :
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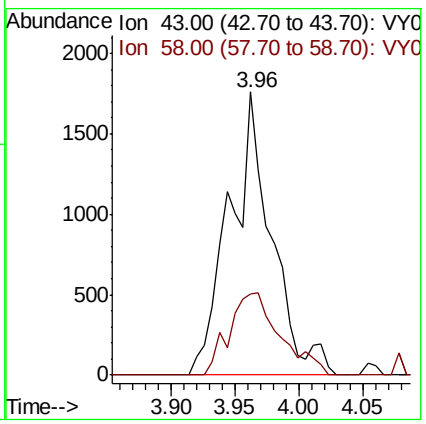
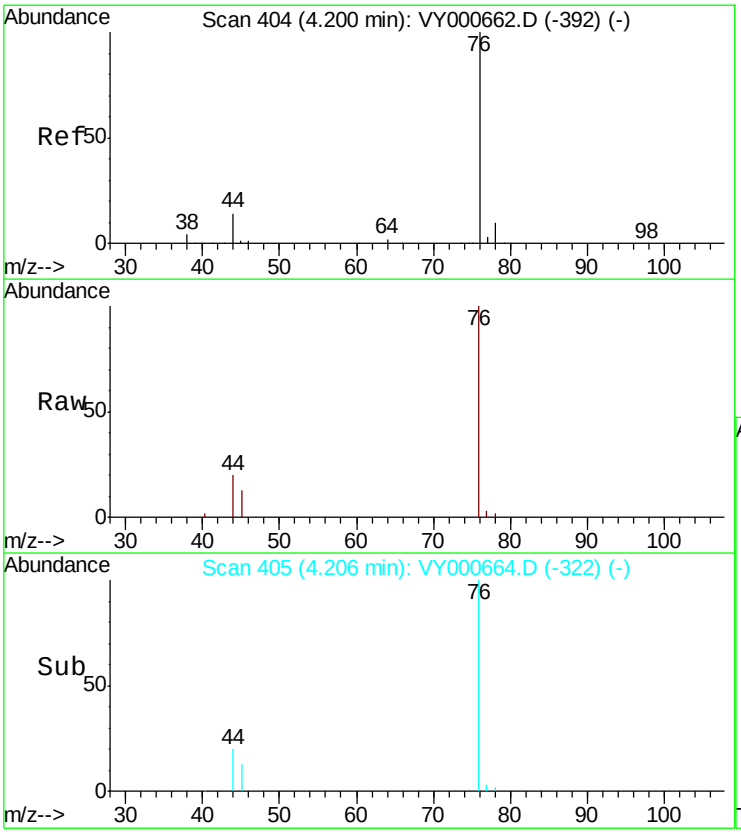
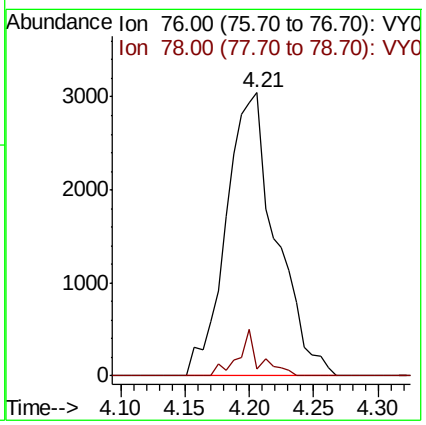


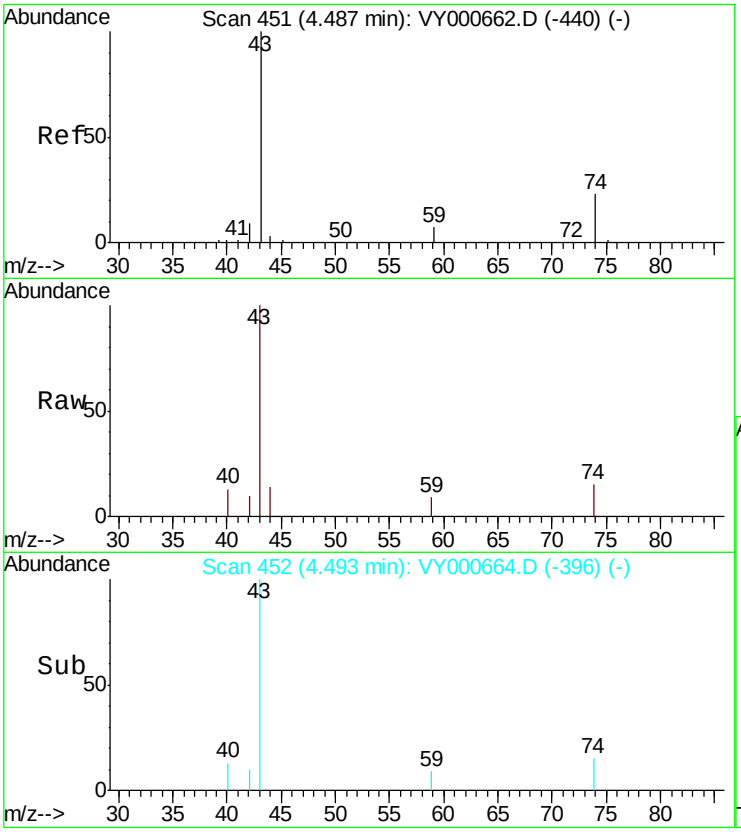


#14
Carbon disulfide
Concen: 0.586 ug/L
RT: 4.21 min Scan# 405
Delta R.T. 0.01 min
Lab File: VY000664.D
Acq: 13 Nov 2019 11:55

Tgt Ion: 76 Resp: 8195

Ion	Ratio	Lower	Upper
76	100		
78	2.2	7.0	10.6#





#15
Methyl Acetate
Concen: 0.494 ug/L m
RT: 4.49 min Scan# 452
Delta R.T. 0.01 min
Lab File: VY000664.D
Acq: 13 Nov 2019 11:55

Tgt Ion: 43 Resp: 1687

Ion	Ratio	Lower	Upper
43	100		
74	12.1	18.1	27.1#

Instrument :
MSVOA_Y
ClientSampleId :
MDL01

Manual Integrations APPROVED
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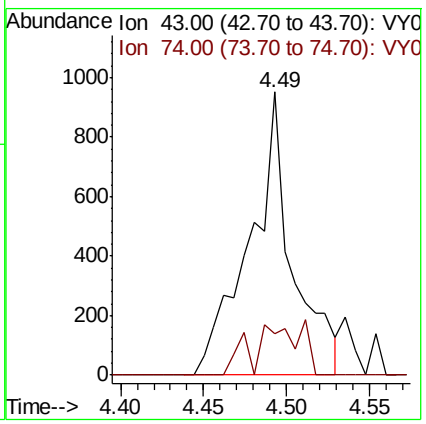
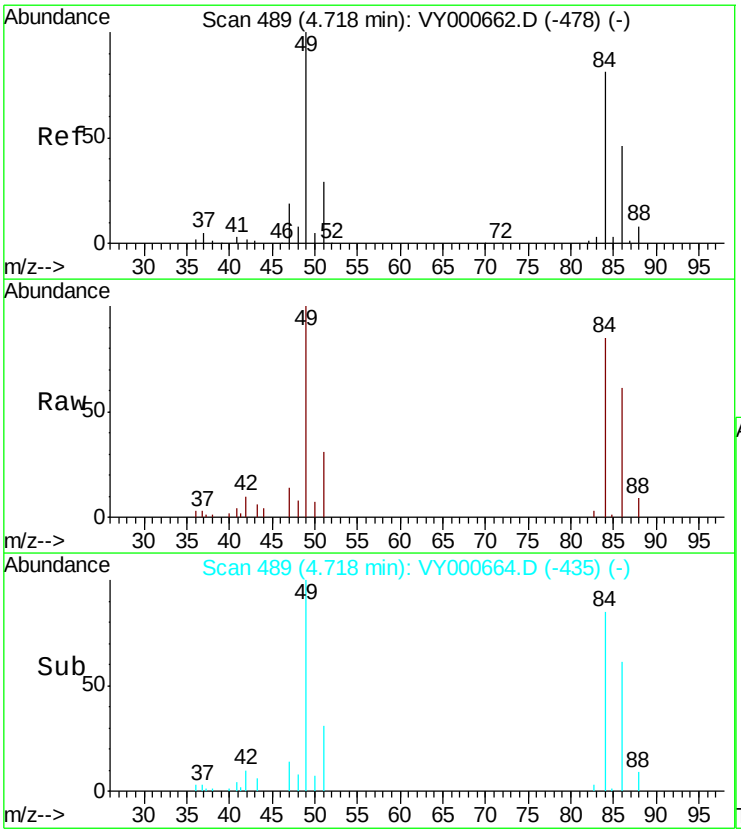
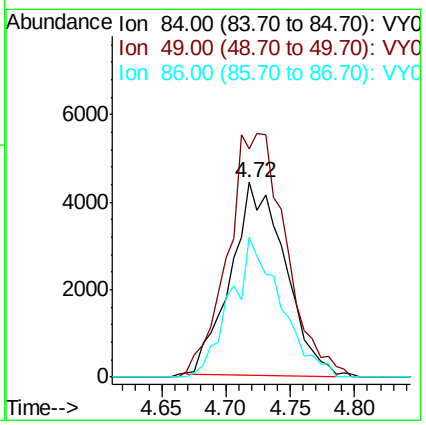


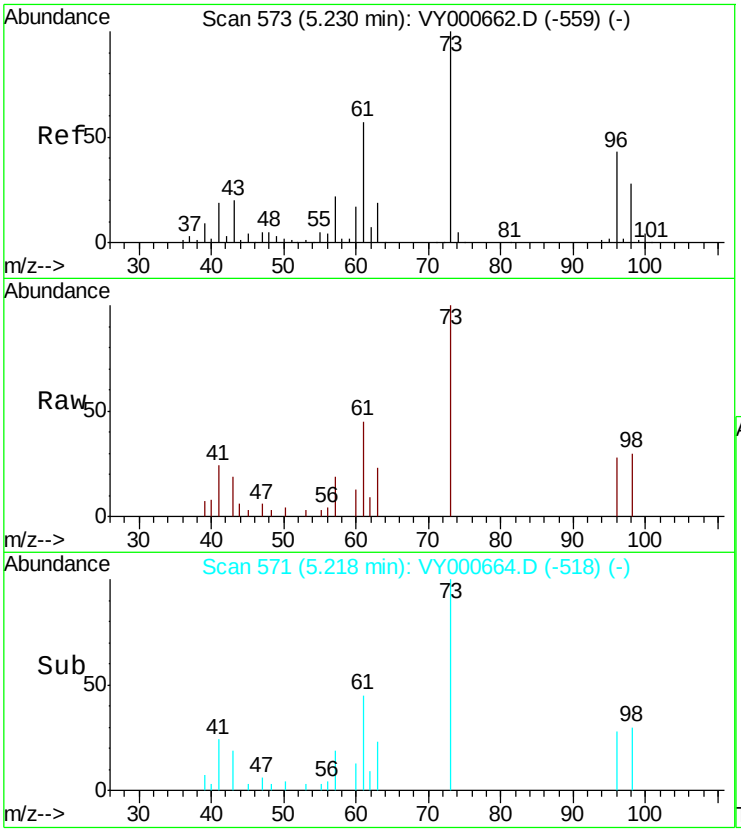


#16
Methylene chloride
Concen: 2.232 ug/L
RT: 4.72 min Scan# 489
Delta R.T. 0.00 min
Lab File: VY000664.D
Acq: 13 Nov 2019 11:55

Tgt Ion: 84 Resp: 12883

Ion	Ratio	Lower	Upper
84	100		
49	117.4	88.8	165.0
86	71.8	43.9	81.5

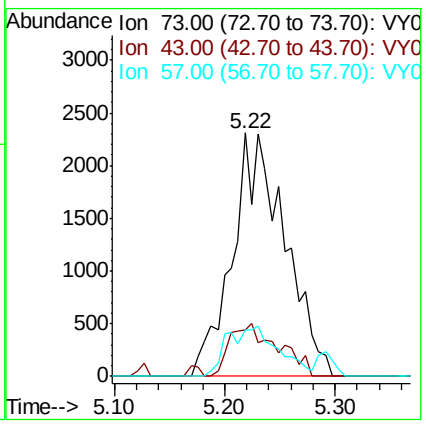




#17
Methyl tert-butyl Ether
Concen: 0.556 ug/L m
RT: 5.22 min Scan# 571
Delta R.T. -0.01 min
Lab File: VY000664.D
Acq: 13 Nov 2019 11:55

Tgt Ion: 73 Resp: 7664

Ion	Ratio	Lower	Upper
73	100		
43	6.1	15.4	23.0#
57	14.0	17.5	26.3#



Instrument :
MSVOA_Y
ClientSampleId :
MDL01

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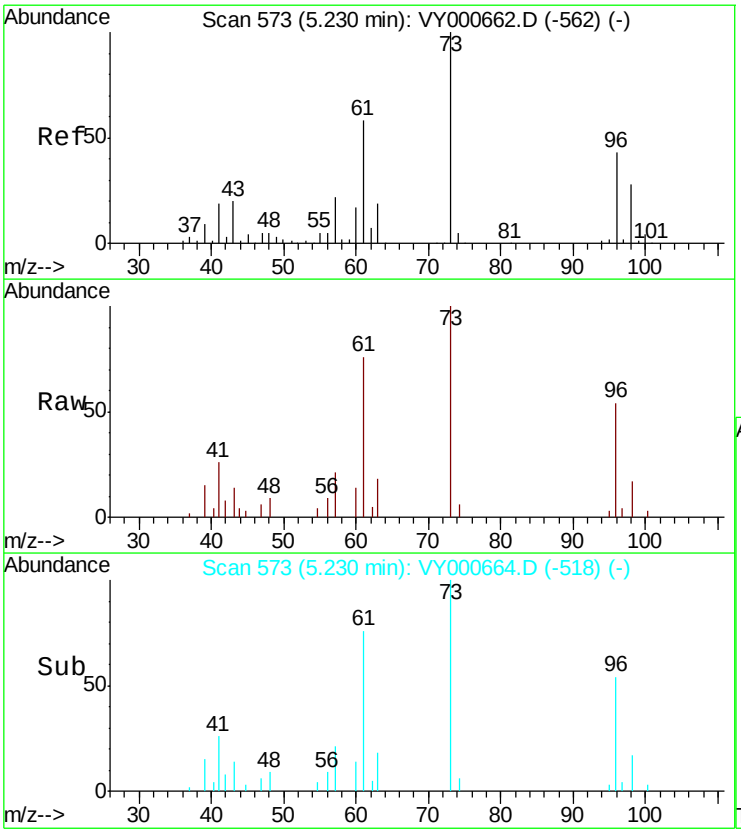
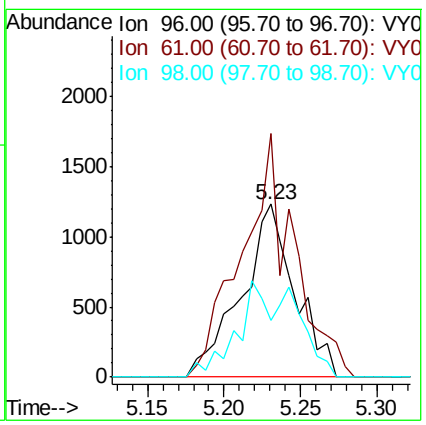
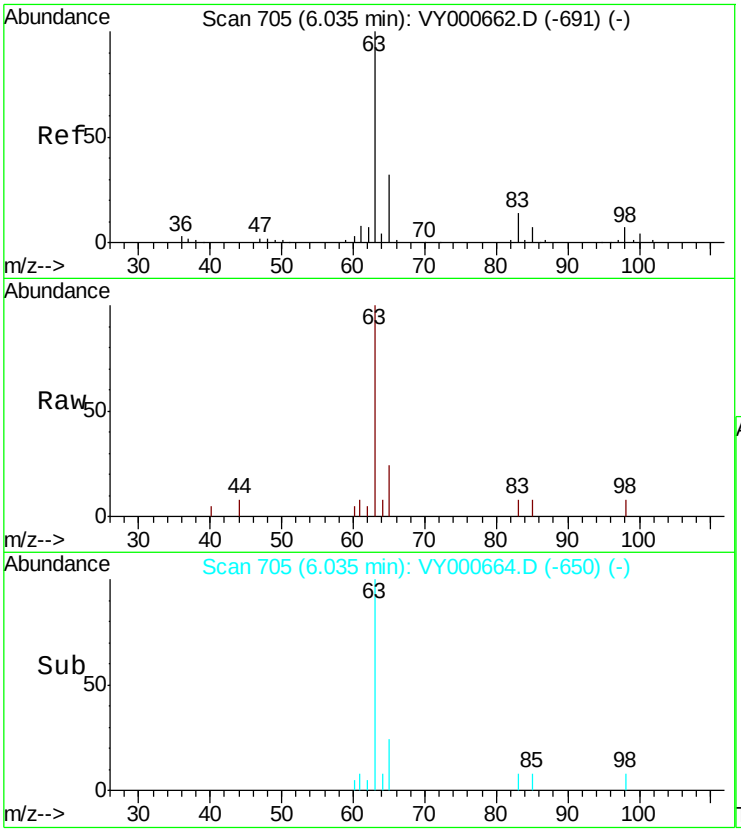


#18
trans-1,2-Dichloroethene
Concen: 0.593 ug/L
RT: 5.23 min Scan# 573
Delta R.T. 0.01 min
Lab File: VY000664.D
Acq: 13 Nov 2019 11:55

Tgt Ion: 96 Resp: 3003

Ion	Ratio	Lower	Upper
96	100		
61	131.9	91.8	170.4
98	30.5	46.3	85.9#

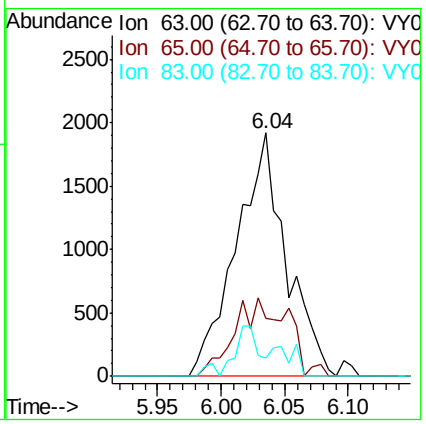




#19
1,1-Dichloroethane
Concen: 0.594 ug/L m
RT: 6.04 min Scan# 705
Delta R.T. 0.01 min
Lab File: VY000664.D
Acq: 13 Nov 2019 11:55

Tgt Ion: 63 Resp: 5294

Ion	Ratio	Lower	Upper
63	100		
65	24.0	23.9	44.5
83	7.6	10.1	18.9#



Instrument :
MSVOA_Y
ClientSampleId :
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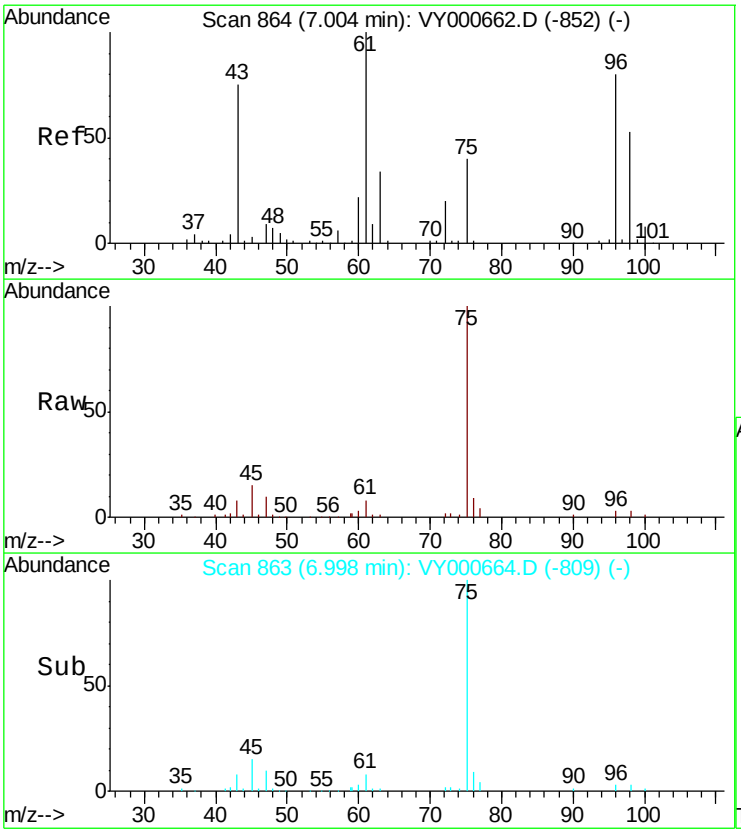
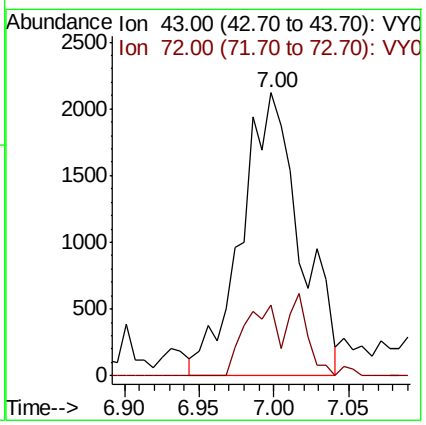
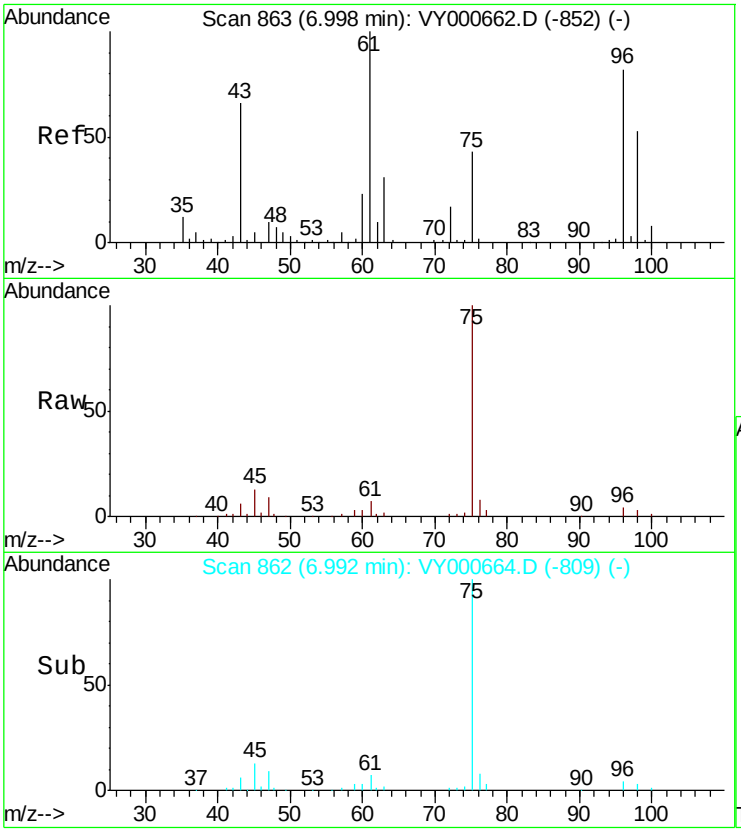


#21
2-Butanone
Concen: 2.207 ug/L m
RT: 7.00 min Scan# 863
Delta R.T. 0.00 min
Lab File: VY000664.D
Acq: 13 Nov 2019 11:55

Tgt Ion: 43 Resp: 5796

Ion	Ratio	Lower	Upper
43	100		
72	14.1	12.6	37.8

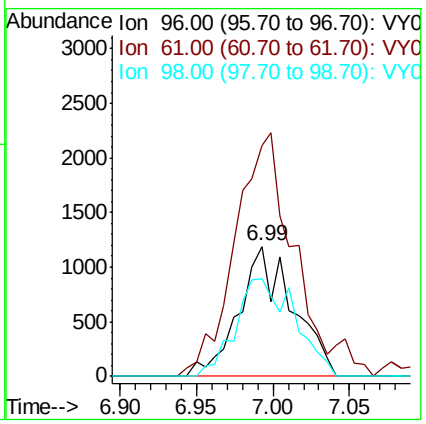




#22
cis-1,2-Dichloroethene
Concen: 0.518 ug/L
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY000664.D
Acq: 13 Nov 2019 11:55

Tgt Ion: 96 Resp: 2900

Ion	Ratio	Lower	Upper
96	100		
61	178.2	86.8	161.2#
98	75.2	44.6	82.8



Instrument :
MSVOA_Y
ClientSampleId :
MDL01

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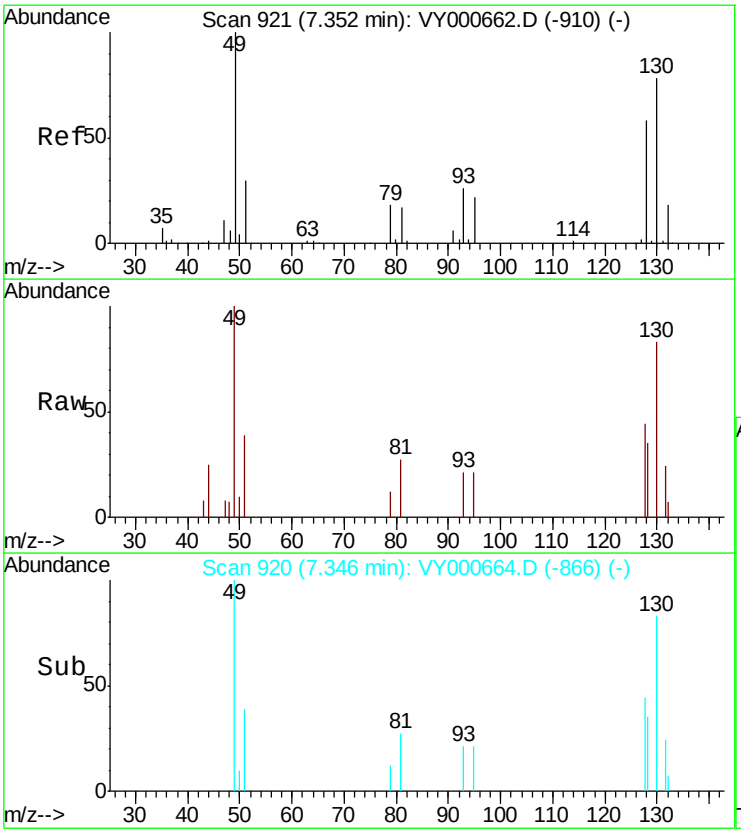
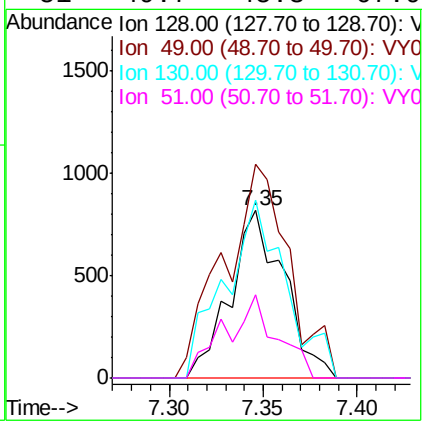
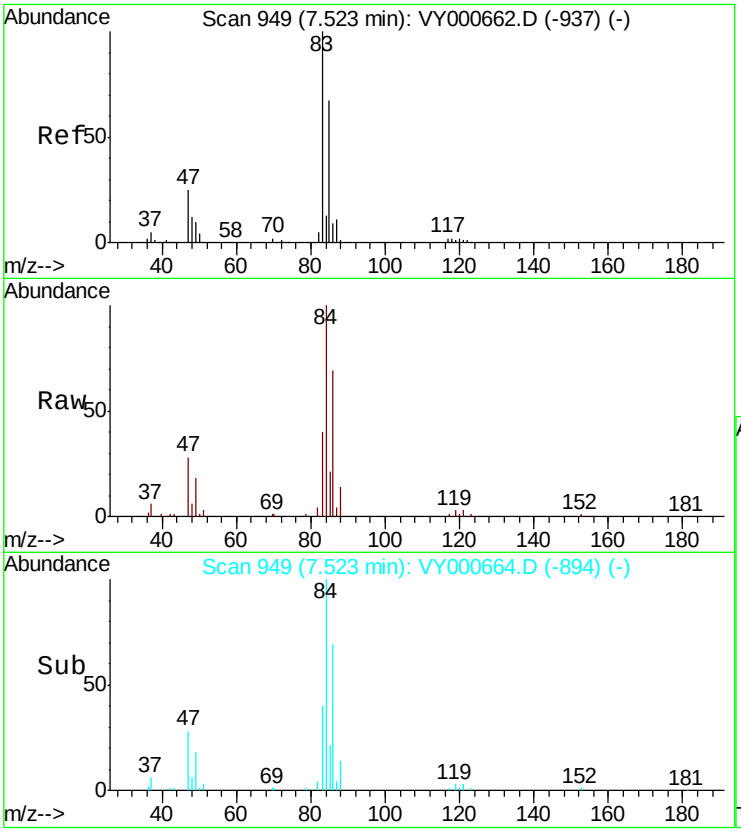


#23
Bromochloromethane
Concen: 0.663 ug/L
RT: 7.35 min Scan# 920
Delta R.T. 0.00 min
Lab File: VY000664.D
Acq: 13 Nov 2019 11:55

Tgt Ion:128 Resp: 1620

Ion	Ratio	Lower	Upper
128	100		
49	127.5	131.5	244.3#
130	106.0	96.7	179.5
51	49.7	45.3	67.9





#25
Chloroform
Concen: 1.225 ug/L
RT: 7.52 min Scan# 949
Delta R.T. 0.01 min
Lab File: VY000664.D
Acq: 13 Nov 2019 11:55

Tgt Ion: 83 Resp: 11767

Ion	Ratio	Lower	Upper
83	100		
85	82.9	45.6	84.6

Instrument :
MSVOA_Y
ClientSampleId :
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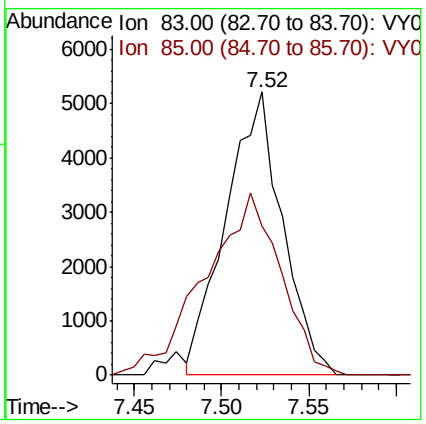
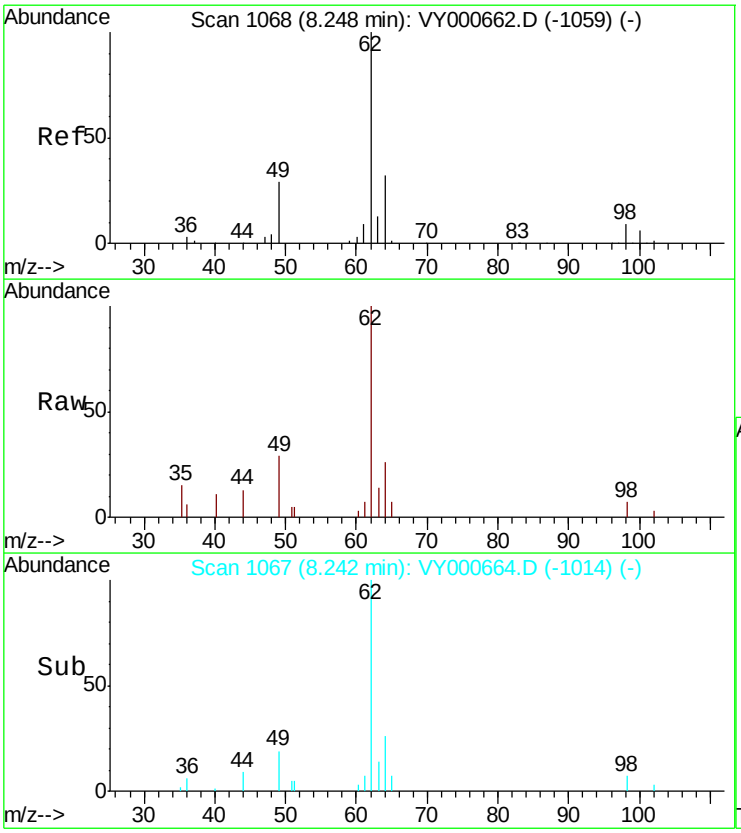
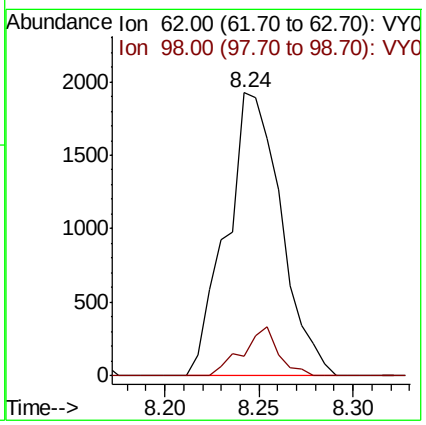


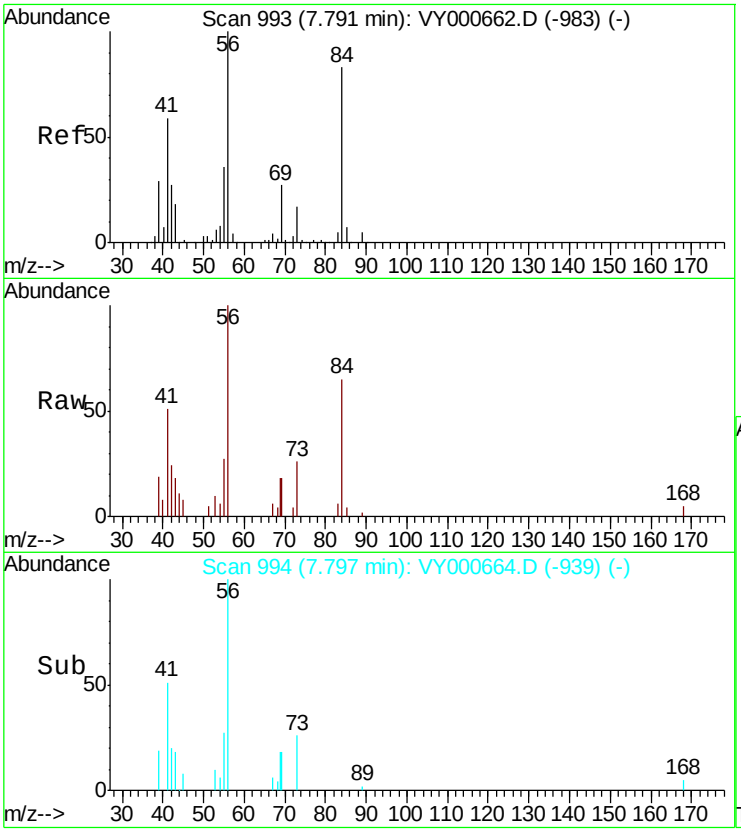


#27
1,2-Dichloroethane
Concen: 0.603 ug/L
RT: 8.24 min Scan# 1067
Delta R.T. -0.01 min
Lab File: VY000664.D
Acq: 13 Nov 2019 11:55

Tgt Ion: 62 Resp: 3869

Ion	Ratio	Lower	Upper
62	100		
98	6.9	7.5	11.3#

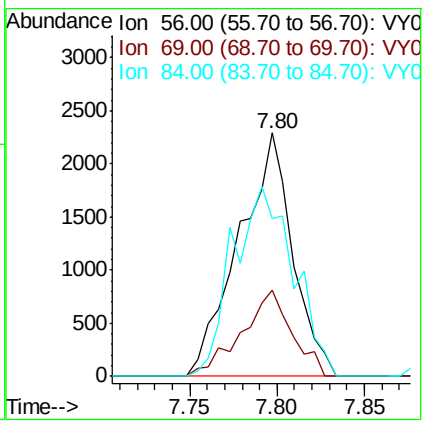




#30
Cyclohexane
Concen: 0.563 ug/L
RT: 7.80 min Scan# 994
Delta R.T. 0.01 min
Lab File: VY000664.D
Acq: 13 Nov 2019 11:55

Tgt Ion: 56 Resp: 4896

Ion	Ratio	Lower	Upper
56	100		
69	33.1	24.1	36.1
84	64.8	70.2	105.4#



Instrument :
MSVOA_Y
ClientSampleId :
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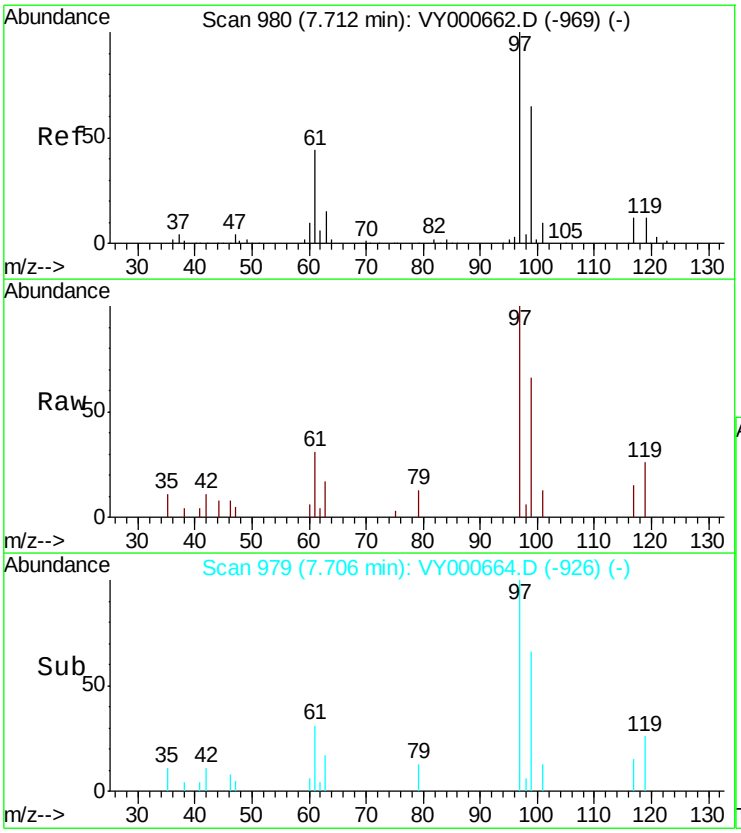
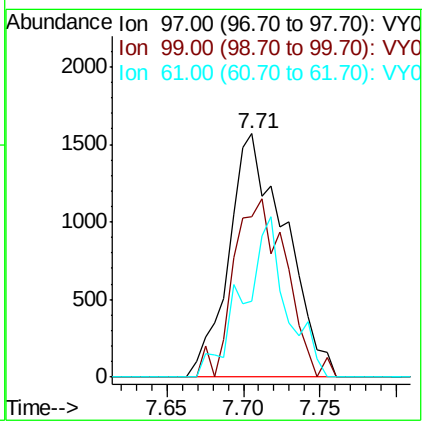
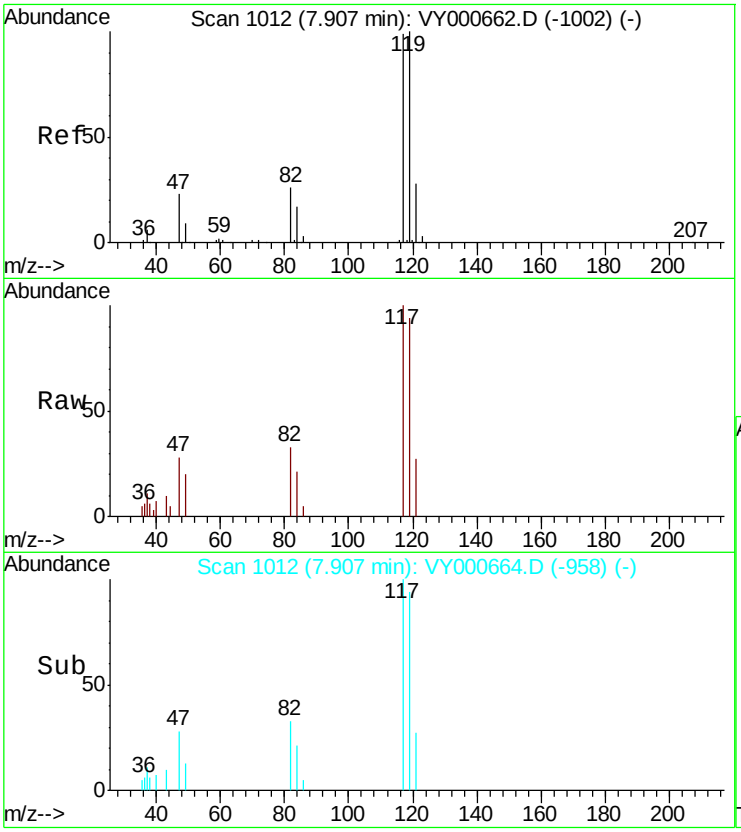


#31
1,1,1-Trichloroethane
Concen: 0.515 ug/L
RT: 7.71 min Scan# 979
Delta R.T. -0.01 min
Lab File: VY000664.D
Acq: 13 Nov 2019 11:55

Tgt Ion: 97 Resp: 4045

Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.4	77.0
61	32.5	34.7	52.1#





#32
Carbon tetrachloride
Concen: 0.563 ug/L
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY000664.D
Acq: 13 Nov 2019 11:55

Tgt Ion:117 Resp: 3851

Ion	Ratio	Lower	Upper
117	100		
119	58.4	76.2	114.2#

Instrument :
MSVOA_Y
ClientSampleId :
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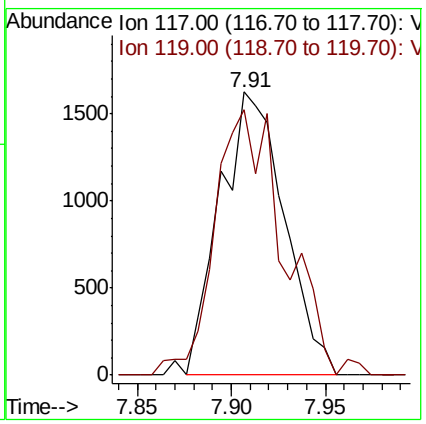
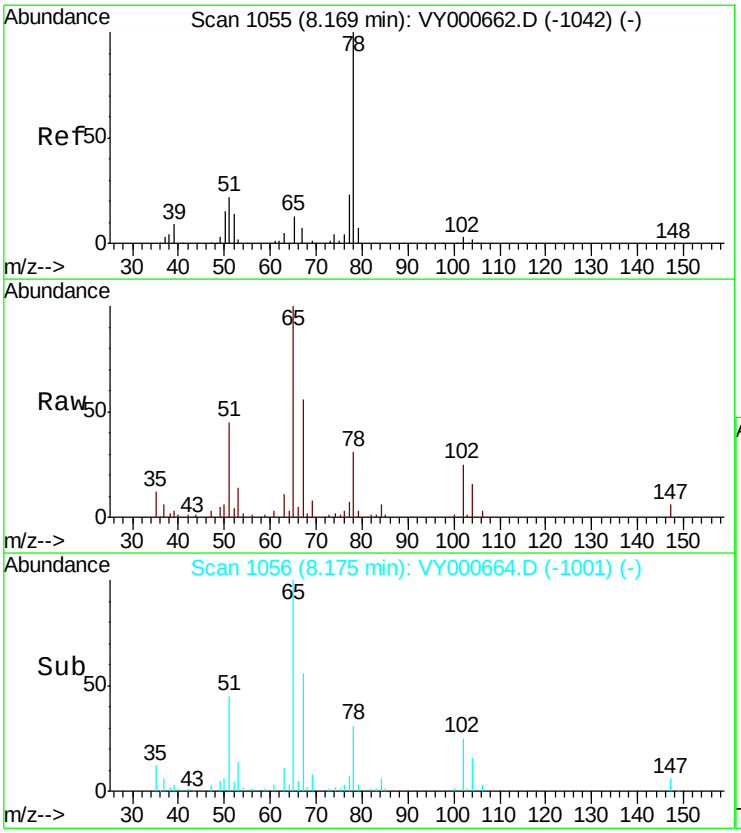
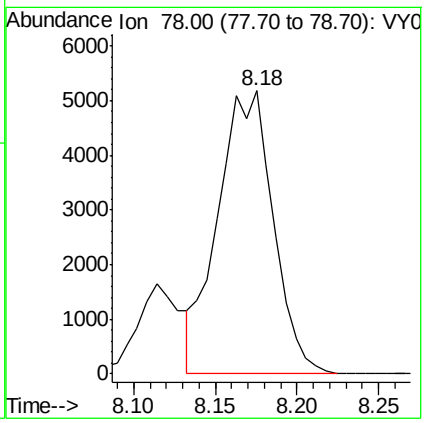
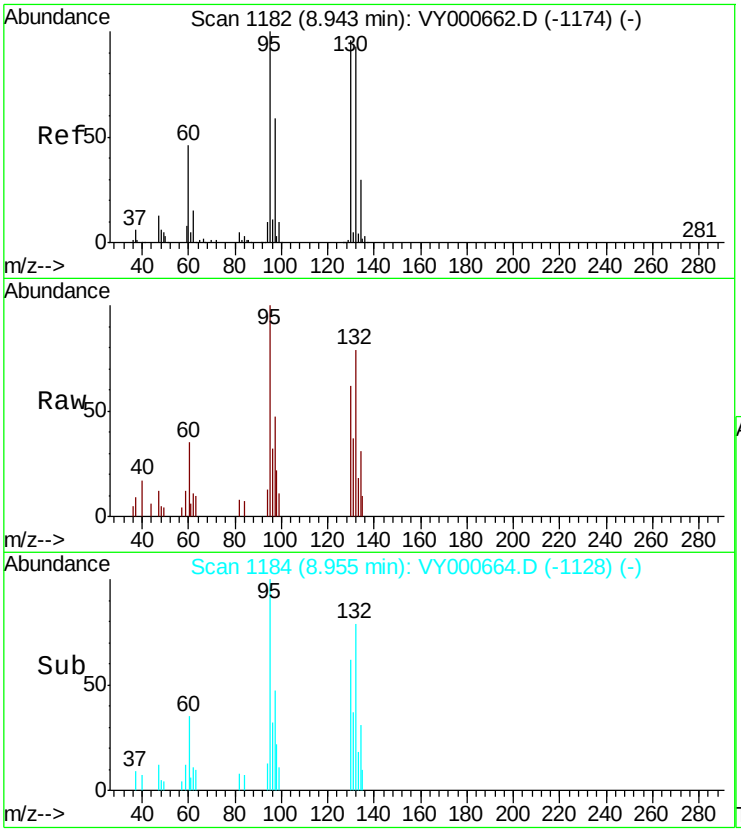




#34
Benzene
Concen: 0.588 ug/L
RT: 8.18 min Scan# 1056
Delta R.T. 0.01 min
Lab File: VY000664.D
Acq: 13 Nov 2019 11:55

Tgt Ion: 78 Resp: 12253

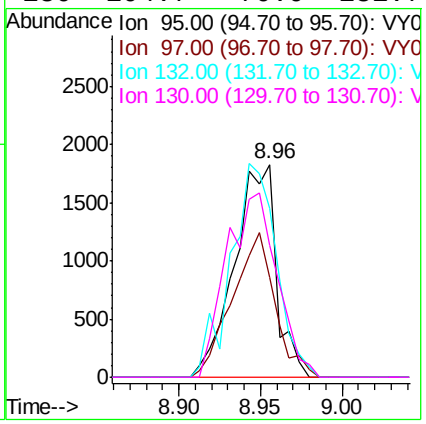




#35
Trichloroethene
Concen: 0.595 ug/L m
RT: 8.96 min Scan# 1184
Delta R.T. 0.01 min
Lab File: VY000664.D
Acq: 13 Nov 2019 11:55

Tgt Ion: 95 Resp: 3251

Ion	Ratio	Lower	Upper
95	100		
97	69.5	44.4	82.4
132	108.9	66.8	124.0
130	104.7	70.9	131.7



Instrument :
MSVOA_Y
ClientSampleId :
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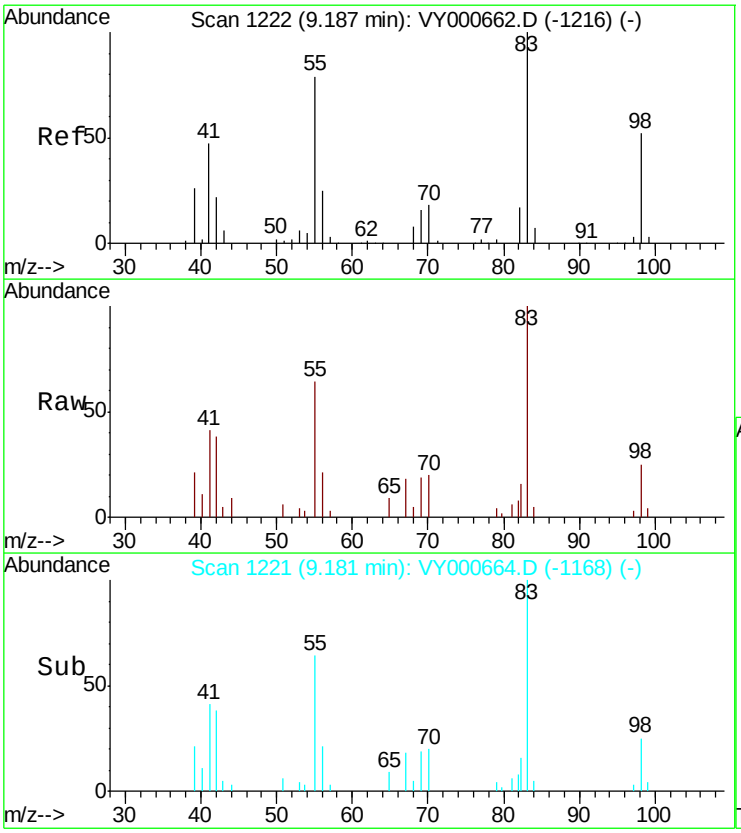
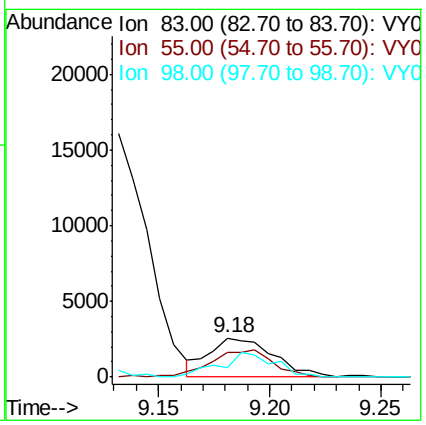
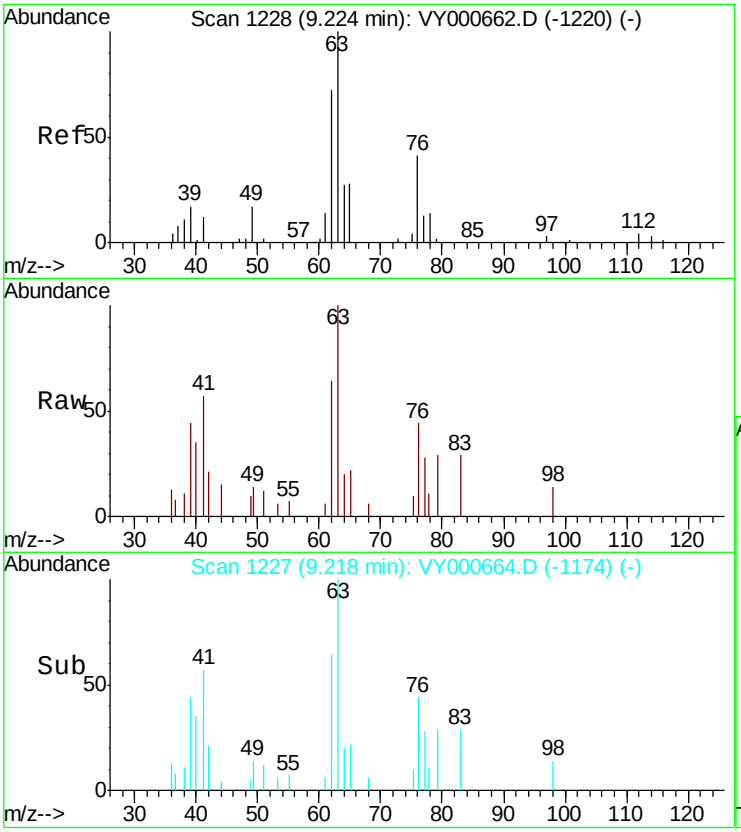


#36
Methylcyclohexane
Concen: 0.548 ug/L
RT: 9.18 min Scan# 1221
Delta R.T. -0.01 min
Lab File: VY000664.D
Acq: 13 Nov 2019 11:55

Tgt Ion: 83 Resp: 5124

Ion	Ratio	Lower	Upper
83	100		
55	0.0	60.0	90.0#
98	15.9	40.2	60.2#

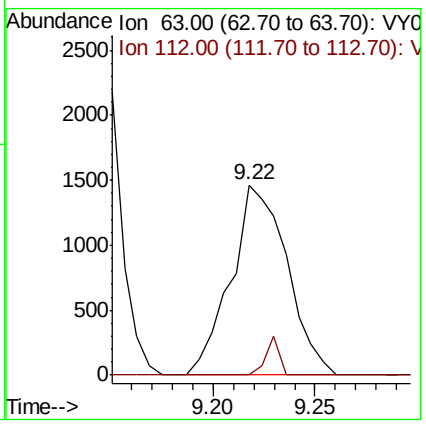




#40
1,2-Dichloropropane
Concen: 0.529 ug/L
RT: 9.22 min Scan# 1227
Delta R.T. -0.01 min
Lab File: VY000664.D
Acq: 13 Nov 2019 11:55

Tgt Ion: 63 Resp: 2796

Ion	Ratio	Lower	Upper
63	100		
112	4.8	3.2	4.8



Instrument :
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ClientSampleId :
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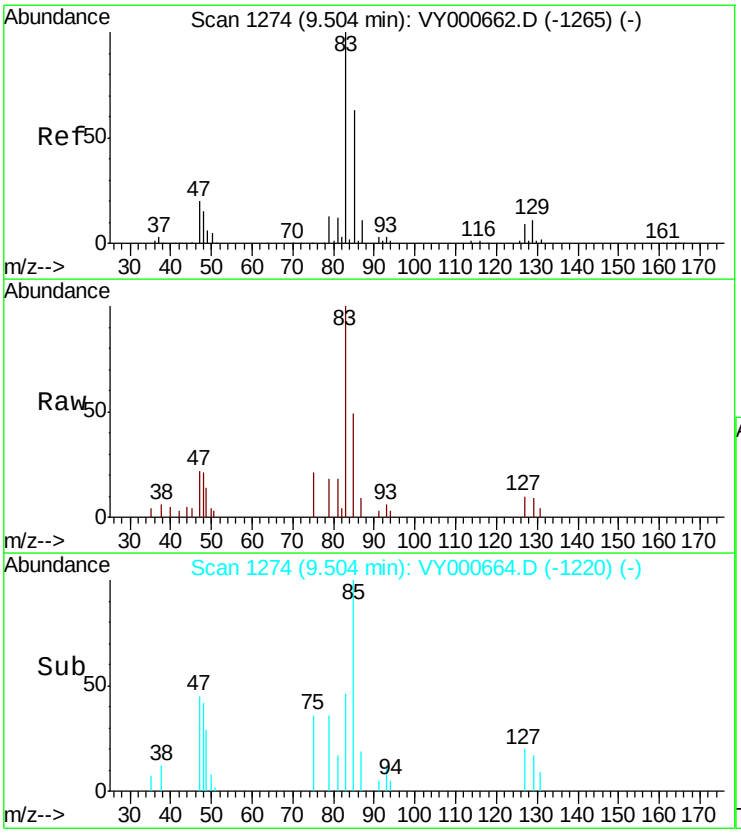
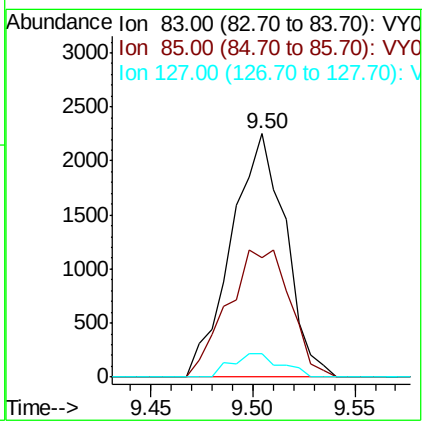
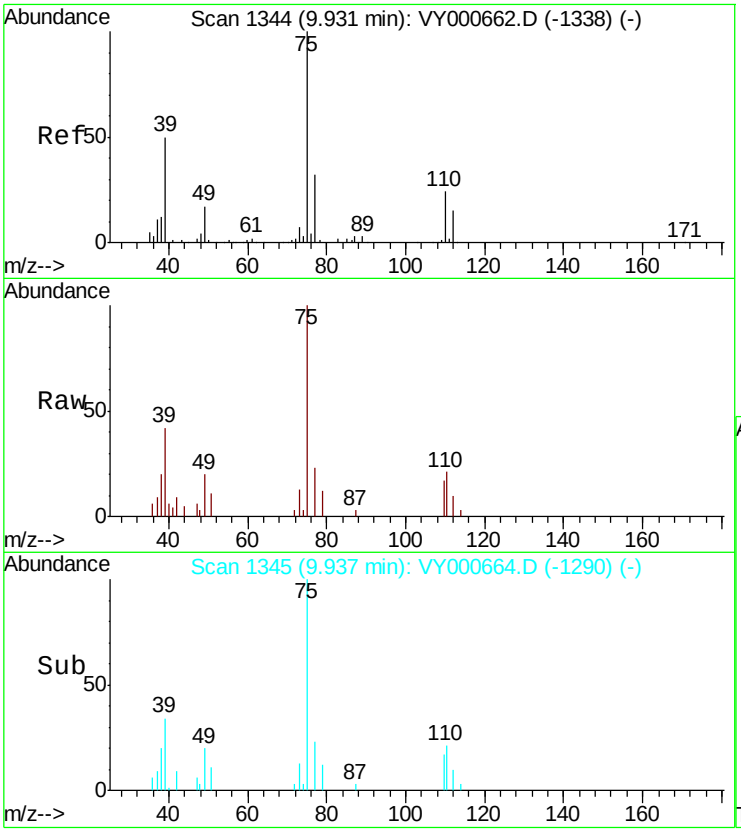


#41
Bromodichloromethane
Concen: 0.611 ug/L
RT: 9.50 min Scan# 1274
Delta R.T. 0.00 min
Lab File: VY000664.D
Acq: 13 Nov 2019 11:55

Tgt Ion: 83 Resp: 4152

Ion	Ratio	Lower	Upper
83	100		
85	49.0	46.1	85.5
127	9.8	6.5	9.7#





#42
cis-1,3-Dichloropropene
Concen: 0.460 ug/L
RT: 9.94 min Scan# 1345
Delta R.T. 0.01 min
Lab File: VY000664.D
Acq: 13 Nov 2019 11:55

Tgt Ion: 75 Resp: 3916

Ion	Ratio	Lower	Upper
75	100		
77	22.7	21.7	40.3

Instrument :
MSVOA_Y
ClientSampleId :
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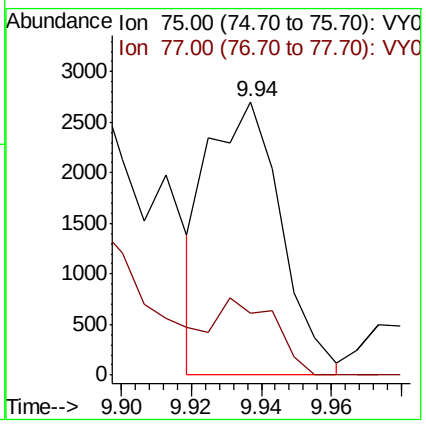
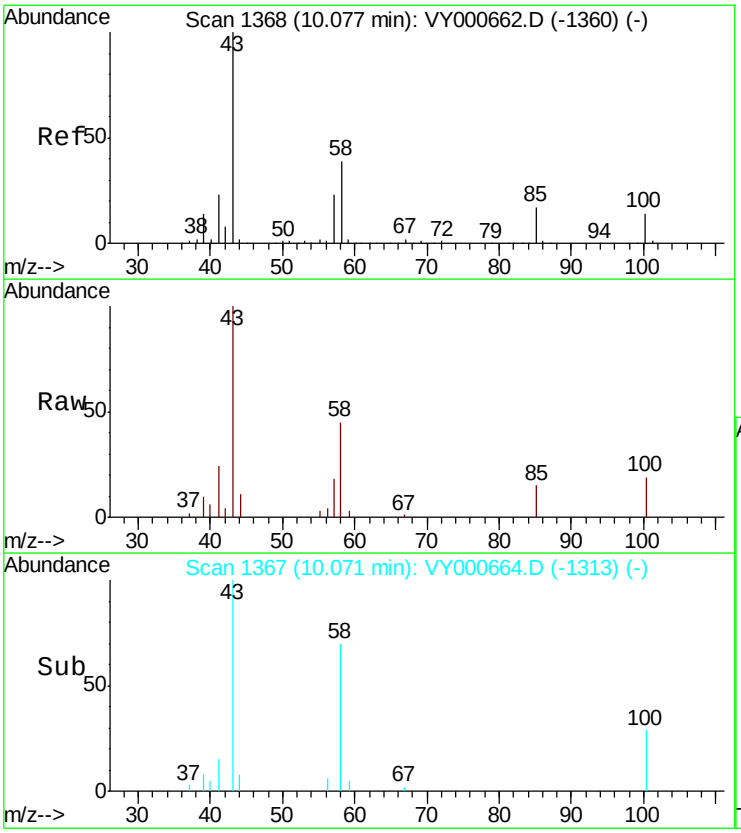
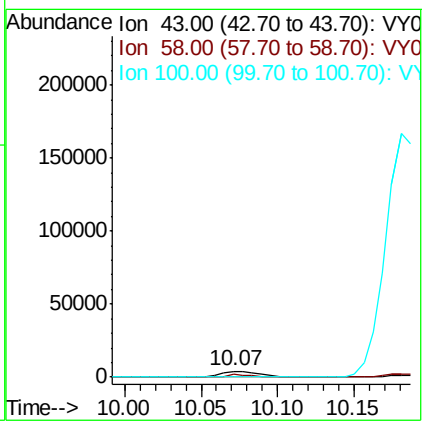


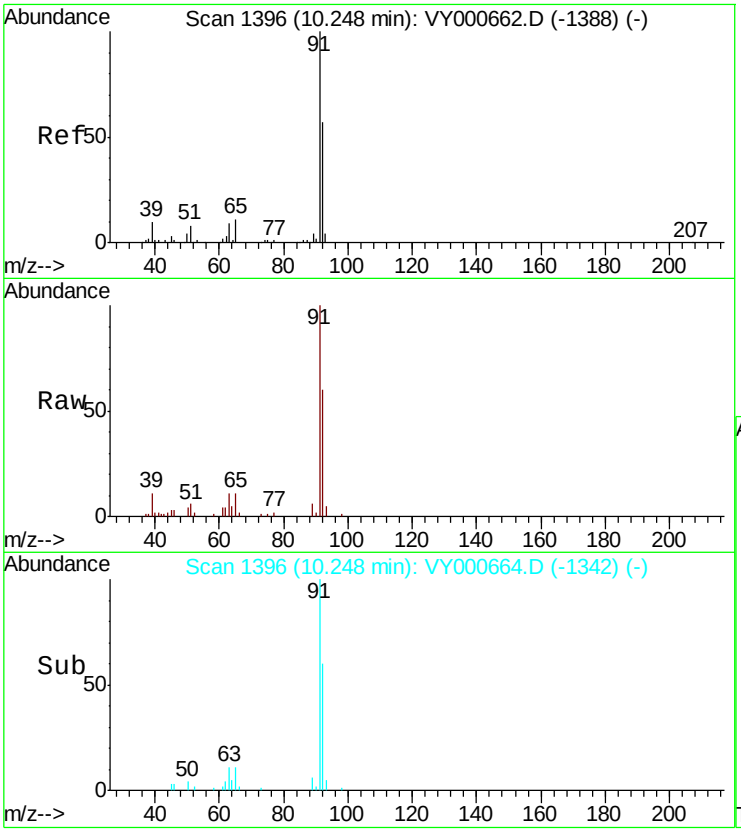


#43
4-Methyl-2-pentanone
Concen: 1.446 ug/L
RT: 10.07 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VY000664.D
Acq: 13 Nov 2019 11:55

Tgt Ion: 43 Resp: 7306

Ion	Ratio	Lower	Upper
43	100		
58	35.7	30.6	45.8
100	10.7	12.0	18.0#





#44
Toluene
Concen: 0.574 ug/L
RT: 10.25 min Scan# 1396
Delta R.T. 0.00 min
Lab File: VY000664.D
Acq: 13 Nov 2019 11:55

Tgt Ion: 91 Resp: 12941

Ion	Ratio	Lower	Upper
91	100		
92	60.4	39.5	73.4

Instrument :
MSVOA_Y
ClientSampleId :
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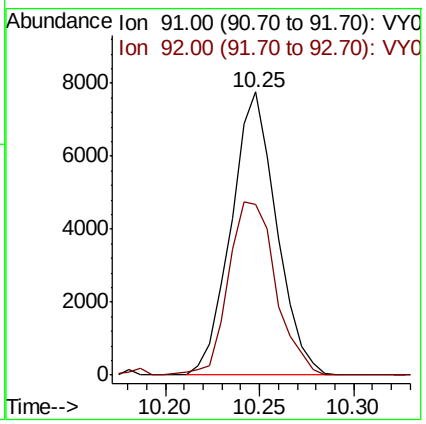
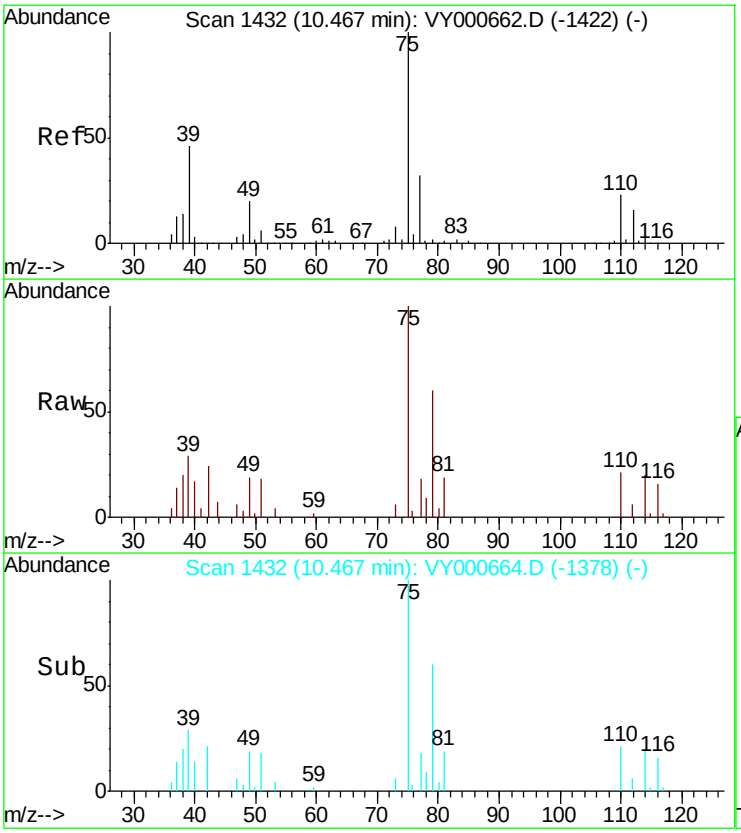
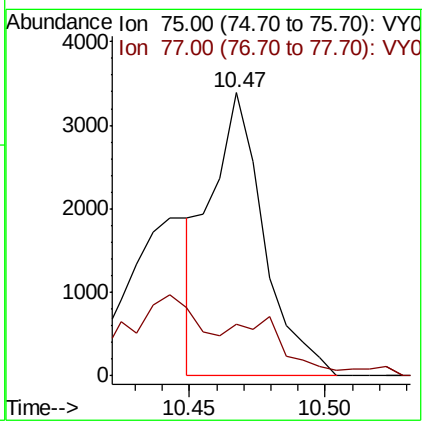


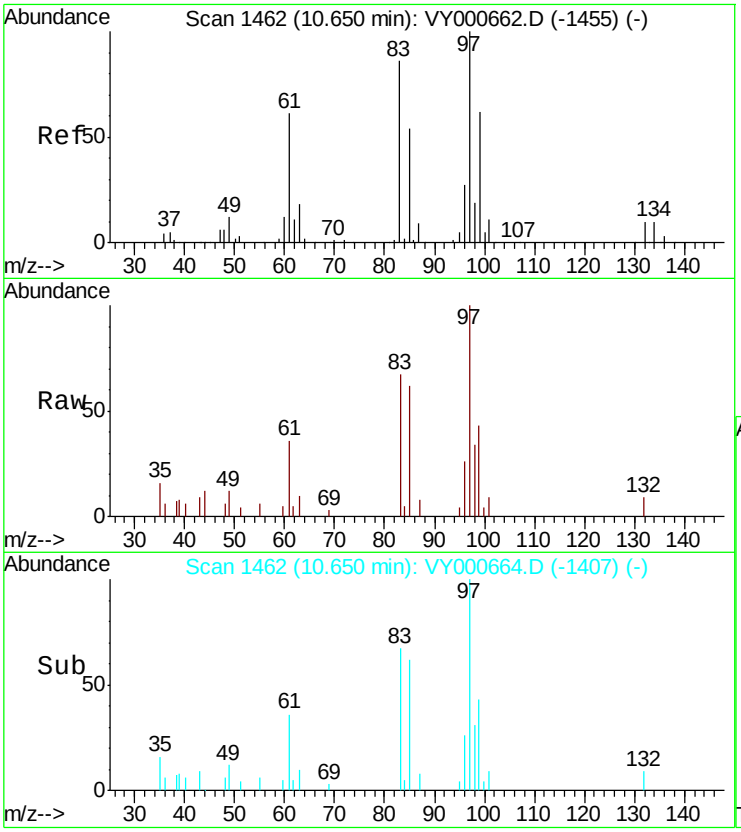


#45
trans-1,3-Dichloropropene
Concen: 0.633 ug/L
RT: 10.47 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VY000664.D
Acq: 13 Nov 2019 11:55

Tgt Ion: 75 Resp: 4627

Ion	Ratio	Lower	Upper
75	100		
77	18.5	20.4	37.8#

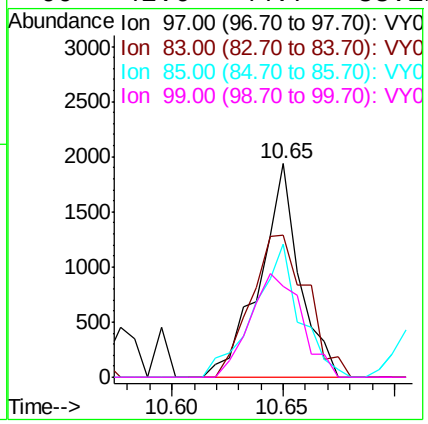




#46
1,1,2-Trichloroethane
Concen: 0.554 ug/L
RT: 10.65 min Scan# 1462
Delta R.T. 0.01 min
Lab File: VY000664.D
Acq: 13 Nov 2019 11:55

Tgt Ion: 97 Resp: 2402

Ion	Ratio	Lower	Upper
97	100		
83	66.7	58.7	109.1
85	62.1	37.3	69.3
99	42.6	44.7	83.1#



Instrument :
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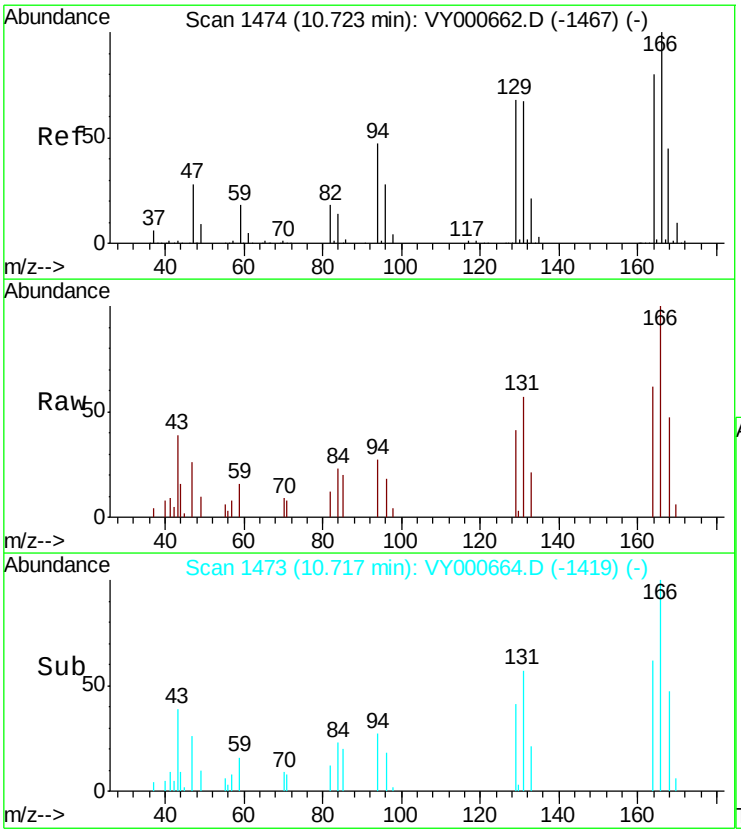
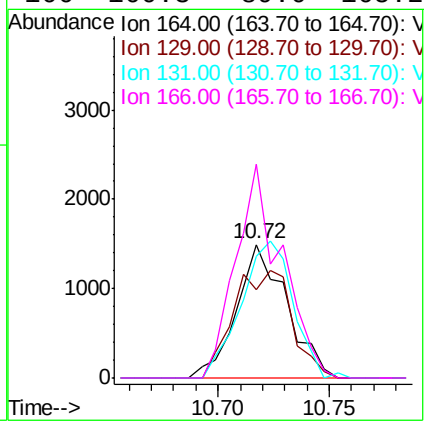
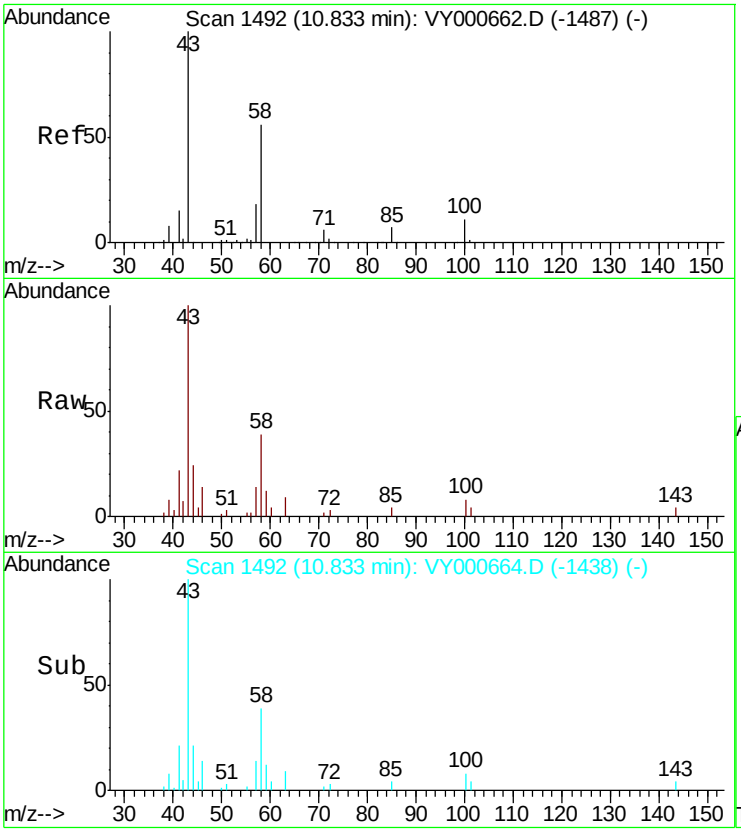


#47
Tetrachloroethene
Concen: 0.576 ug/L
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY000664.D
Acq: 13 Nov 2019 11:55

Tgt Ion:164 Resp: 2350

Ion	Ratio	Lower	Upper
164	100		
129	66.3	69.6	129.2#
131	91.4	66.8	124.2
166	160.3	89.0	165.2

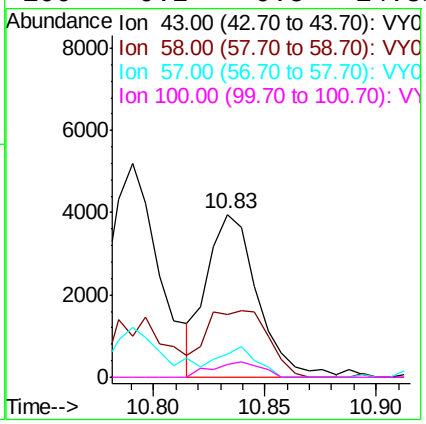




#49
2-Hexanone
Concen: 1.590 ug/L
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY000664.D
Acq: 13 Nov 2019 11:55

Tgt Ion: 43 Resp: 6255

Ion	Ratio	Lower	Upper
43	100		
58	13.4	44.1	66.1#
57	14.2	13.9	20.9
100	9.2	9.5	14.3#



Instrument :
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ClientSampleId :
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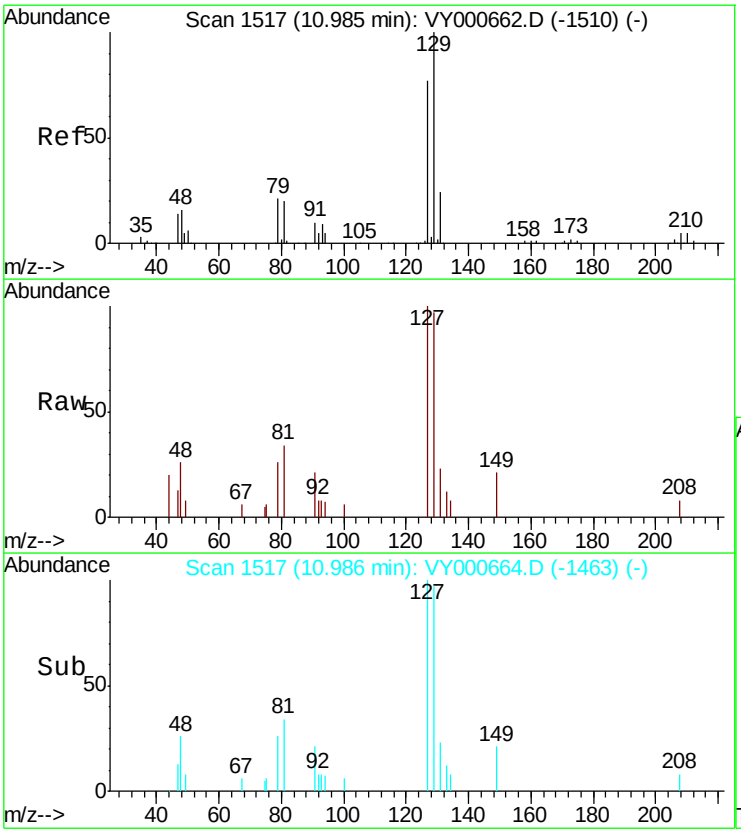
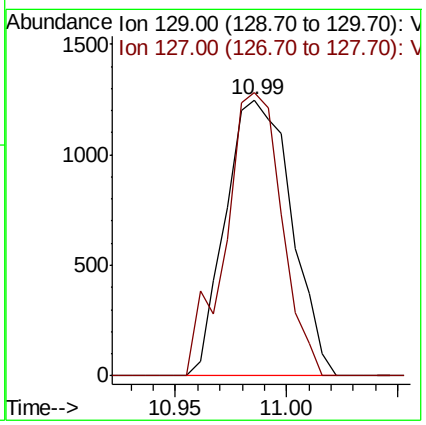
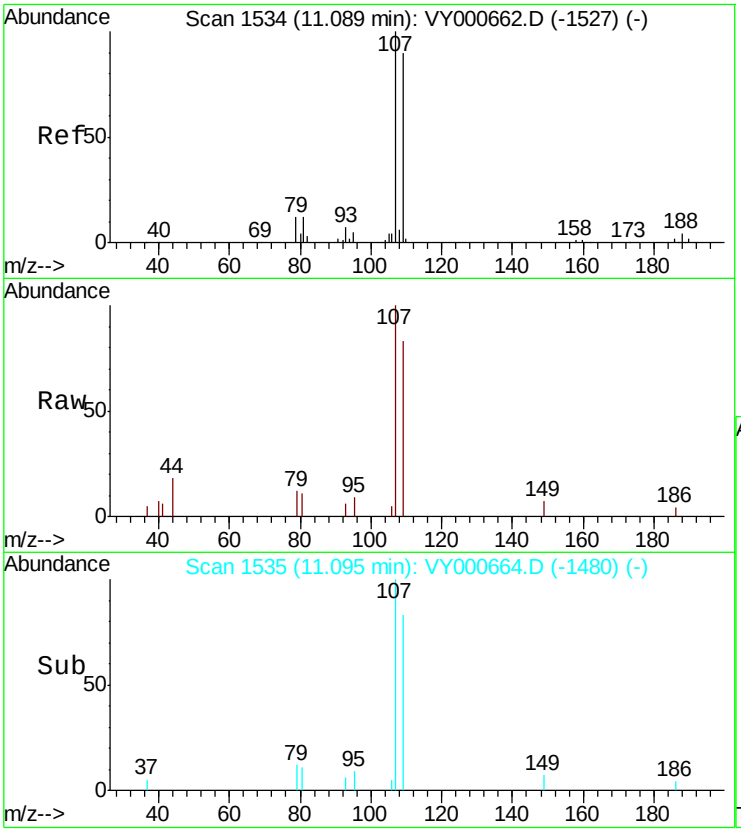


#50
Dibromochloromethane
Concen: 0.524 ug/L
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY000664.D
Acq: 13 Nov 2019 11:55

Tgt Ion:129 Resp: 2563

Ion	Ratio	Lower	Upper
129	100		
127	102.6	57.9	107.5

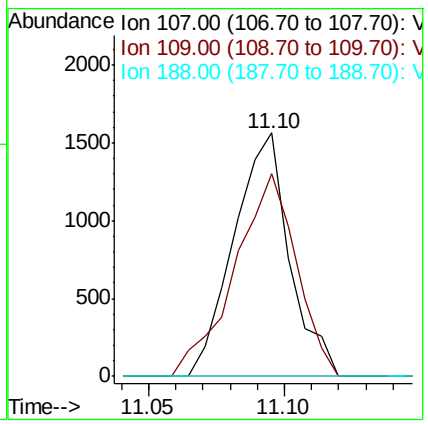




#51
1,2-Dibromoethane
Concen: 0.526 ug/L
RT: 11.10 min Scan# 1535
Delta R.T. 0.01 min
Lab File: VY000664.D
Acq: 13 Nov 2019 11:55

Tgt Ion:107 Resp: 2219

Ion	Ratio	Lower	Upper
107	100		
109	83.3	65.5	121.6
188	0.0	2.7	4.1#



Instrument :
MSVOA_Y
ClientSampleId :
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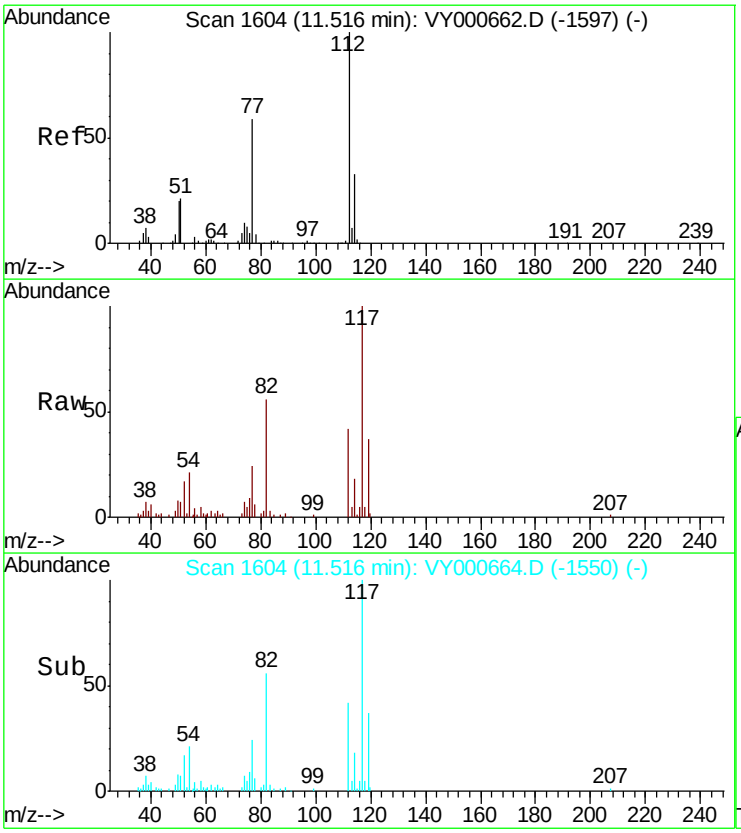
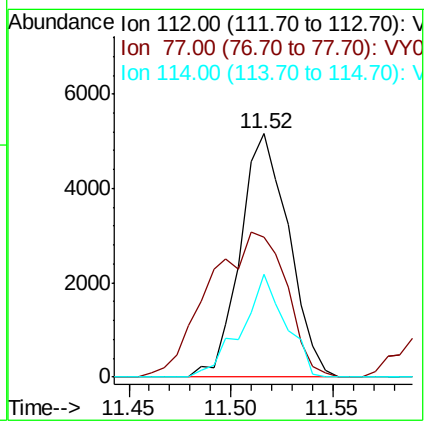
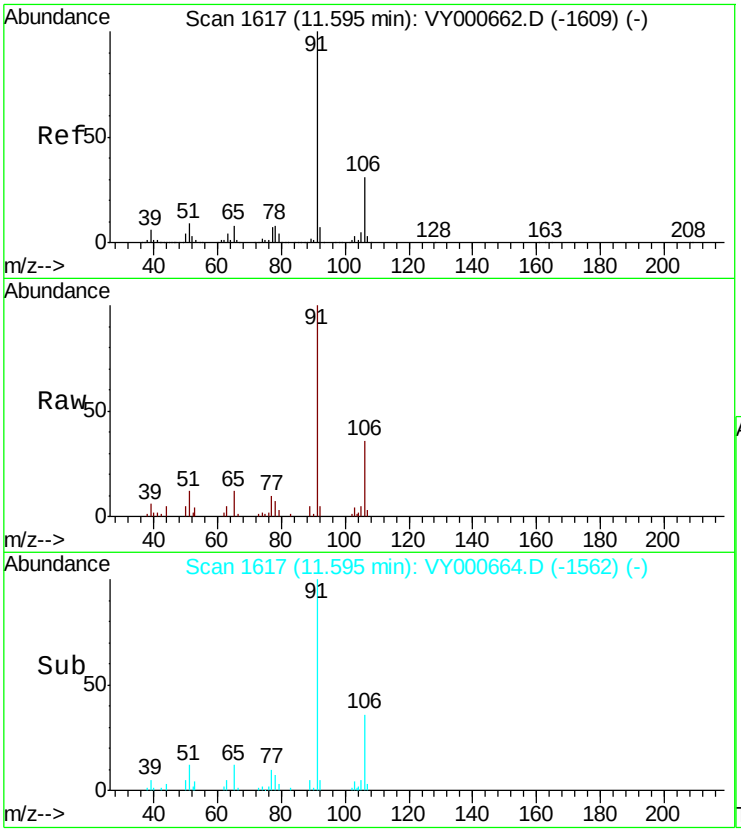


#52
Chlorobenzene
Concen: 0.598 ug/L
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY000664.D
Acq: 13 Nov 2019 11:55

Tgt Ion:112 Resp: 8544

Ion	Ratio	Lower	Upper
112	100		
77	57.3	47.4	71.0
114	42.4	23.0	42.6





#53
Ethylbenzene
Concen: 0.558 ug/L
RT: 11.60 min Scan# 1617
Delta R.T. 0.01 min
Lab File: VY000664.D
Acq: 13 Nov 2019 11:55

Tgt Ion: 91 Resp: 14228

Ion	Ratio	Lower	Upper
91	100		
106	36.3	20.9	38.7

Instrument :
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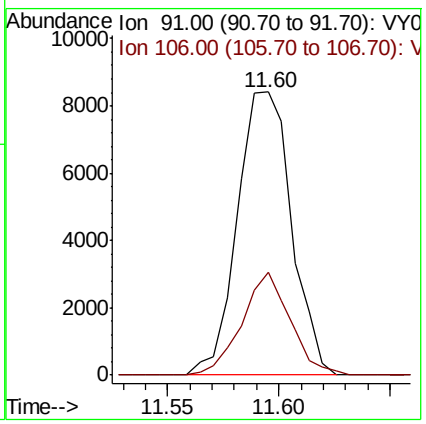
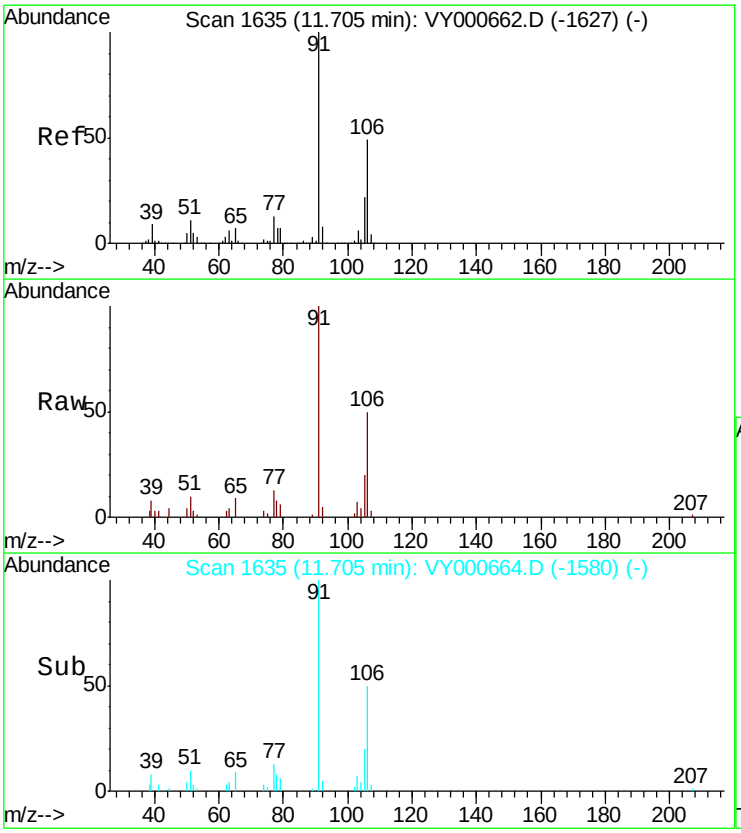
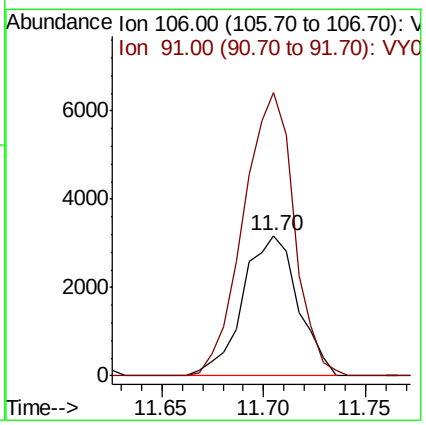


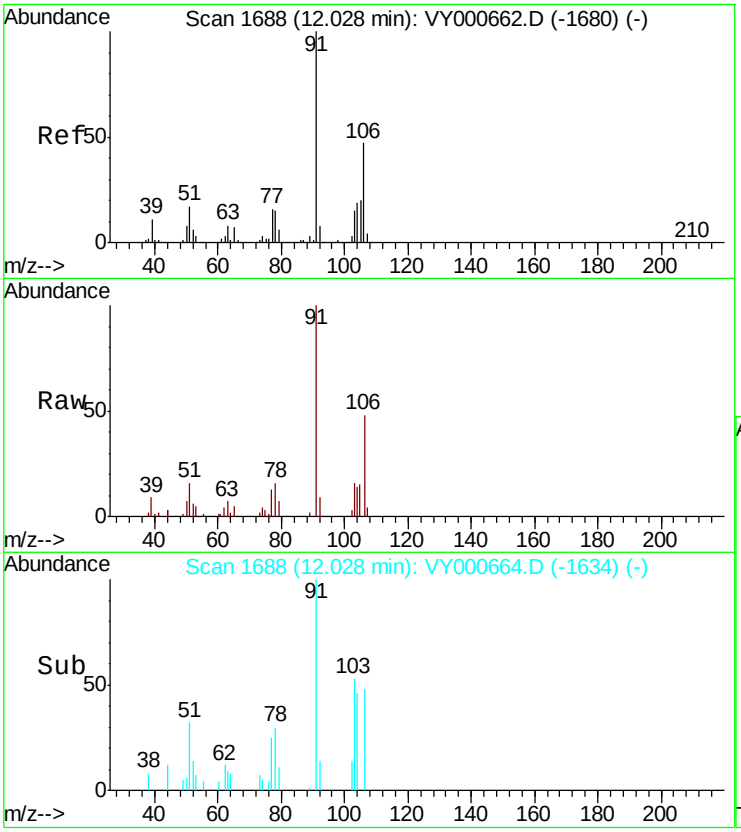


#54
m,p-Xylene
Concen: 0.619 ug/L
RT: 11.70 min Scan# 1635
Delta R.T. 0.01 min
Lab File: VY000664.D
Acq: 13 Nov 2019 11:55

Tgt Ion:106 Resp: 5969

Ion	Ratio	Lower	Upper
106	100		
91	202.0	137.4	255.2

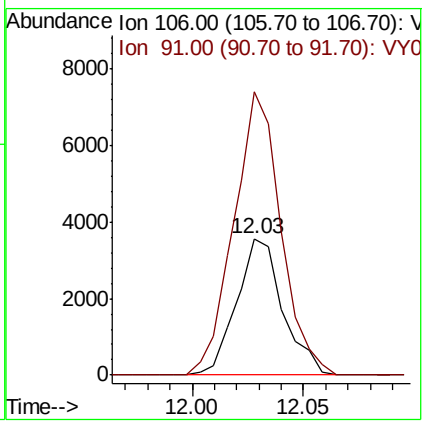




#55
o-xylene
Concen: 0.543 ug/L
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY000664.D
Acq: 13 Nov 2019 11:55

Tgt Ion:106 Resp: 5143

Ion	Ratio	Lower	Upper
106	100		
91	207.5	147.8	274.6



Instrument :
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ClientSampleId :
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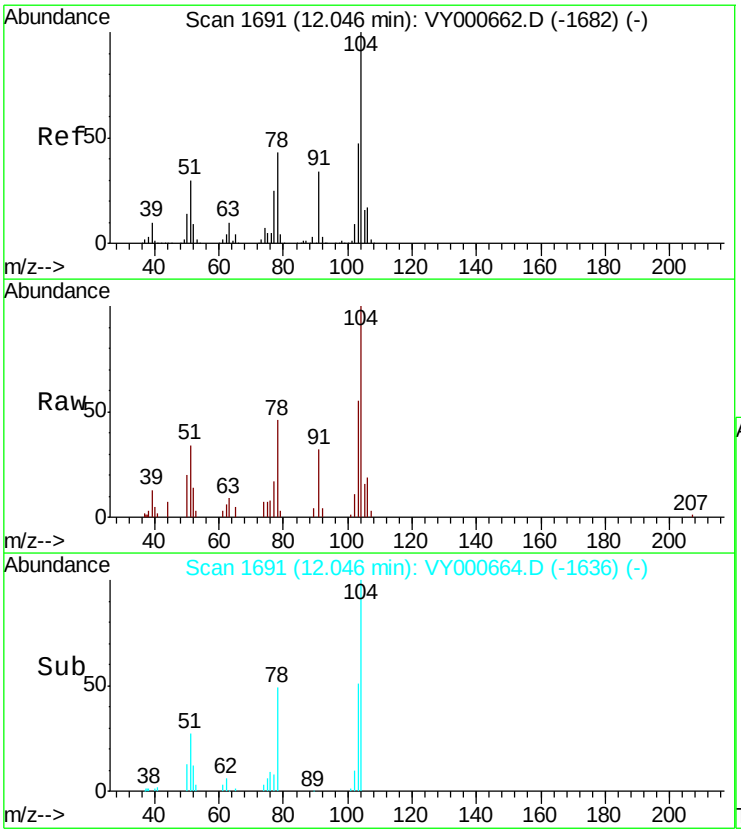
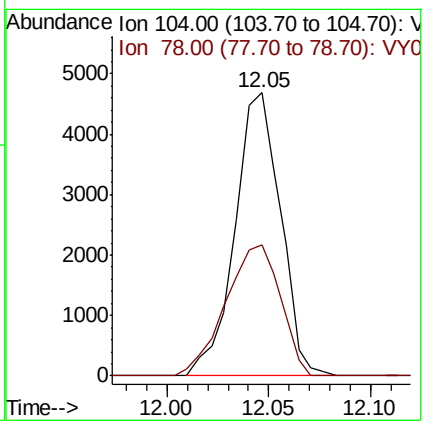
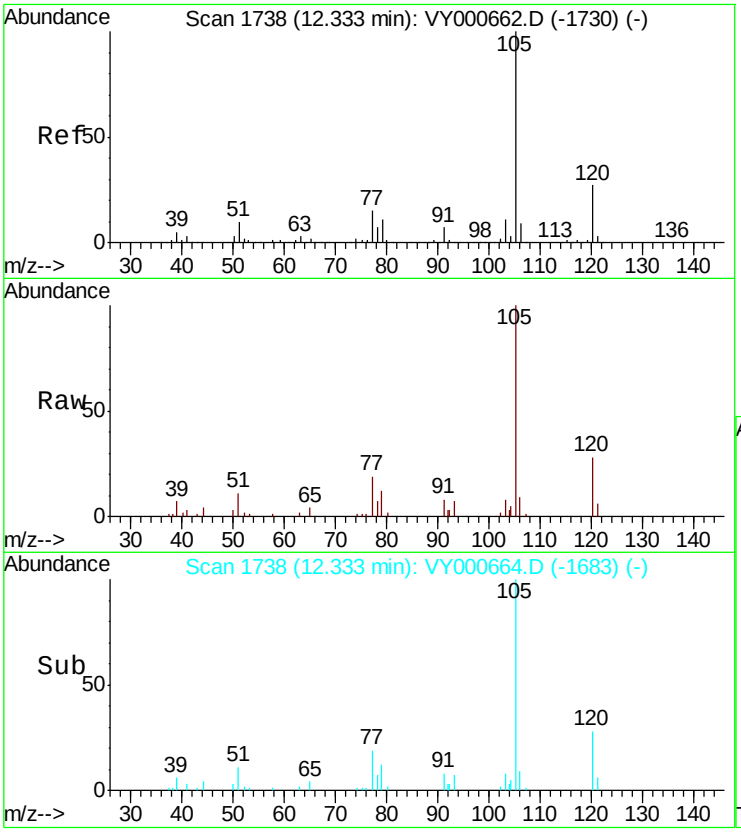


#56
Styrene
Concen: 0.462 ug/L
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY000664.D
Acq: 13 Nov 2019 11:55

Tgt Ion:104 Resp: 7261

Ion	Ratio	Lower	Upper
104	100		
78	46.1	31.5	58.5

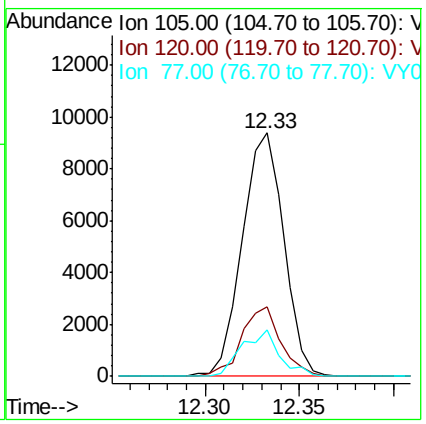




#57
Isopropylbenzene
Concen: 0.581 ug/L
RT: 12.33 min Scan# 1738
Delta R.T. 0.01 min
Lab File: VY000664.D
Acq: 13 Nov 2019 11:55

Tgt Ion:105 Resp: 14324

Ion	Ratio	Lower	Upper
105	100		
120	26.9	21.5	32.3
77	17.5	12.6	19.0



Instrument :
MSVOA_Y
ClientSampleId :
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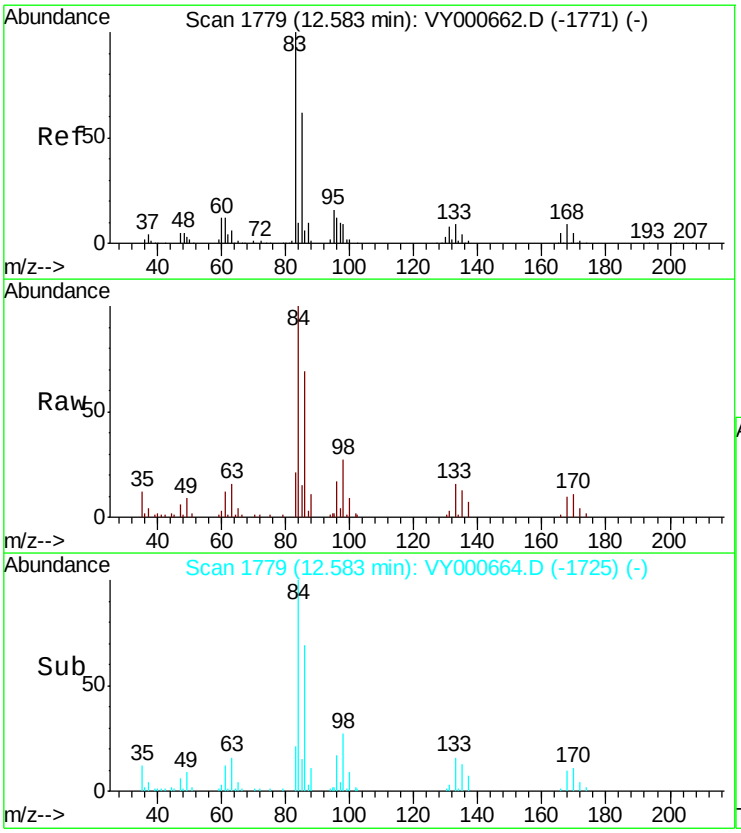
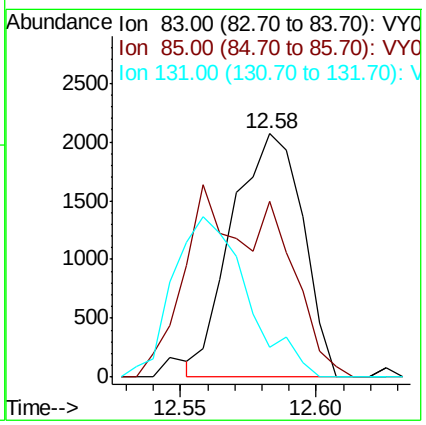
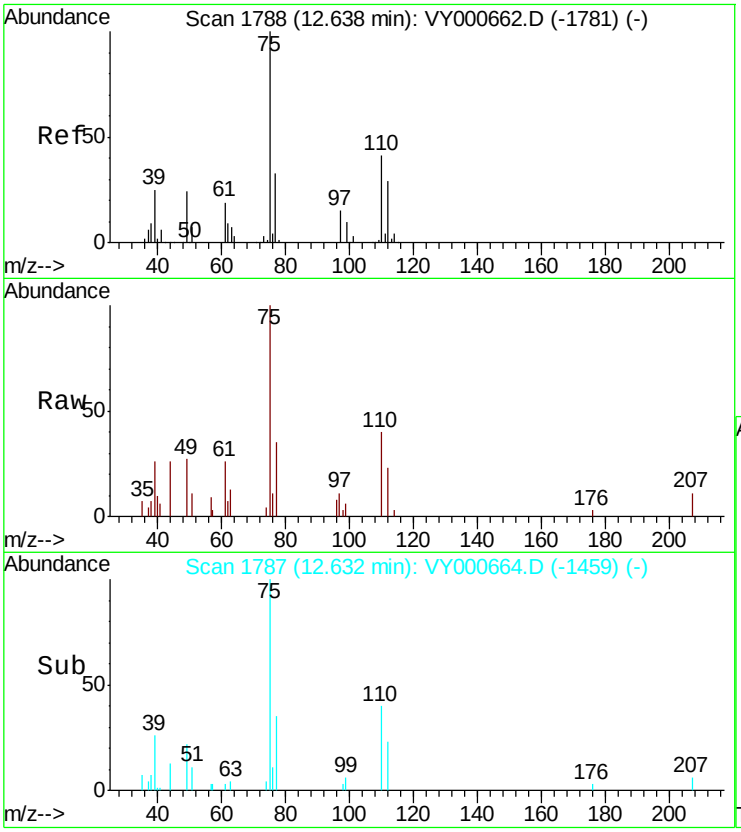


#58
1,1,2,2-Tetrachloroethane
Concen: 0.689 ug/L
RT: 12.58 min Scan# 1779
Delta R.T. 0.00 min
Lab File: VY000664.D
Acq: 13 Nov 2019 11:55

Tgt Ion: 83 Resp: 3725

Ion	Ratio	Lower	Upper
83	100		
85	72.2	45.0	83.6
131	12.5	7.8	11.6#





#59
1,2,3-Trichloropropane
Concen: 0.500 ug/L
RT: 12.63 min Scan# 1787
Delta R.T. 0.00 min
Lab File: VY000664.D
Acq: 13 Nov 2019 11:55

Tgt Ion: 75 Resp: 2196

Ion	Ratio	Lower	Upper
75	100		
77	36.5	26.4	39.6

Instrument :
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ClientSampleId :
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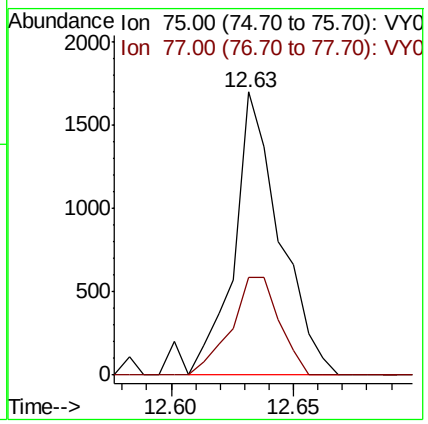
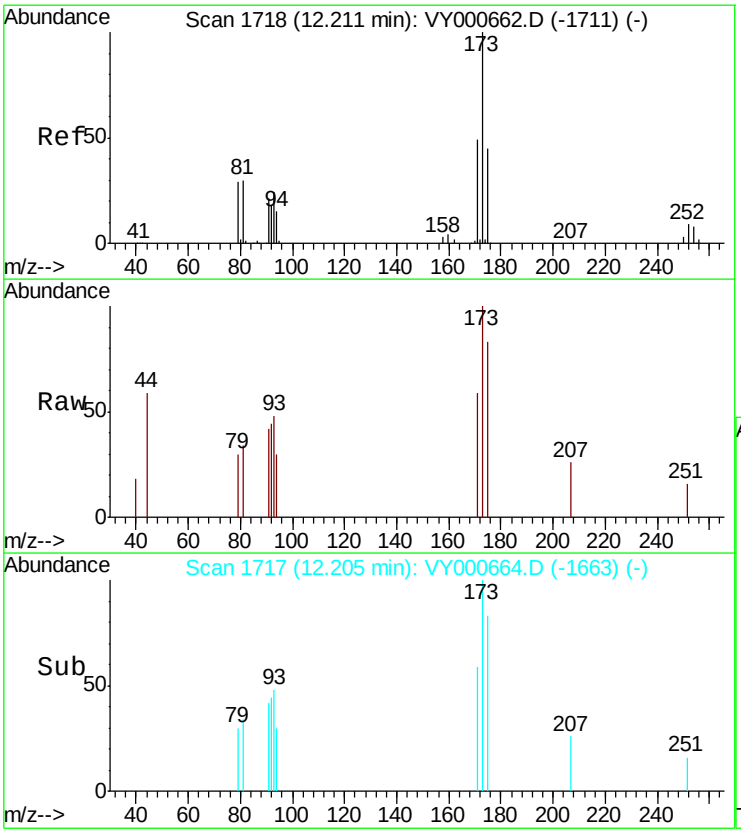
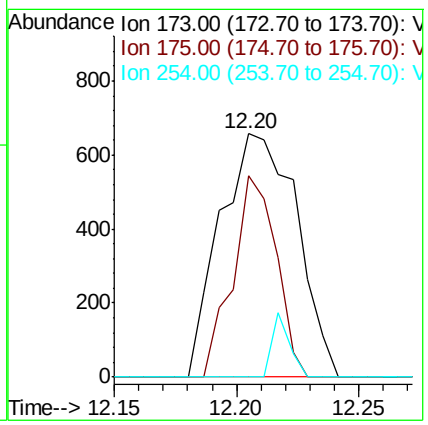


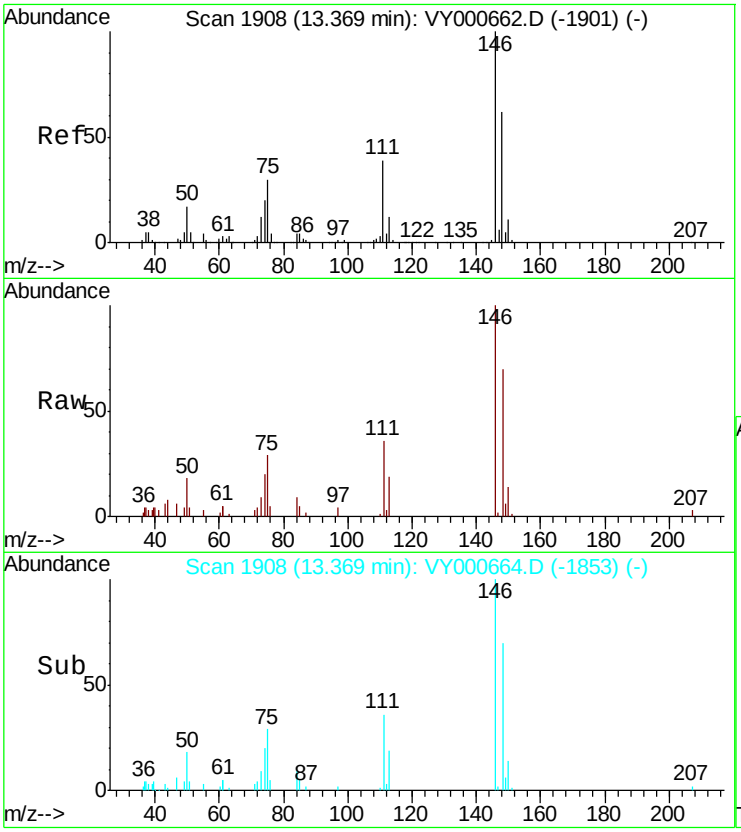


#62
Bromoform
Concen: 0.510 ug/L
RT: 12.20 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VY000664.D
Acq: 13 Nov 2019 11:55

Tgt Ion:173 Resp: 1428

Ion	Ratio	Lower	Upper
173	100		
175	47.0	37.8	56.6
254	6.1	7.7	11.5#

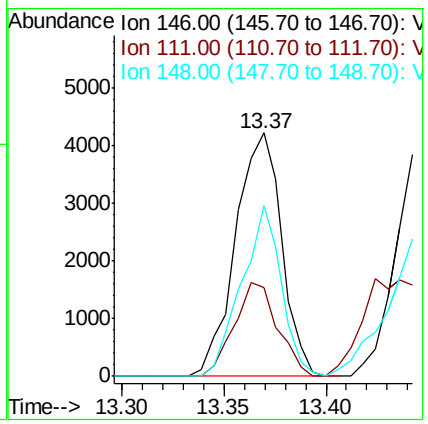




#63
1,3-Dichlorobenzene
Concen: 0.627 ug/L
RT: 13.37 min Scan# 1908
Delta R.T. 0.01 min
Lab File: VY000664.D
Acq: 13 Nov 2019 11:55

Tgt Ion:146 Resp: 6597

Ion	Ratio	Lower	Upper
146	100		
111	36.5	28.8	53.6
148	70.3	44.3	82.3



Instrument :
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ClientSampleId :
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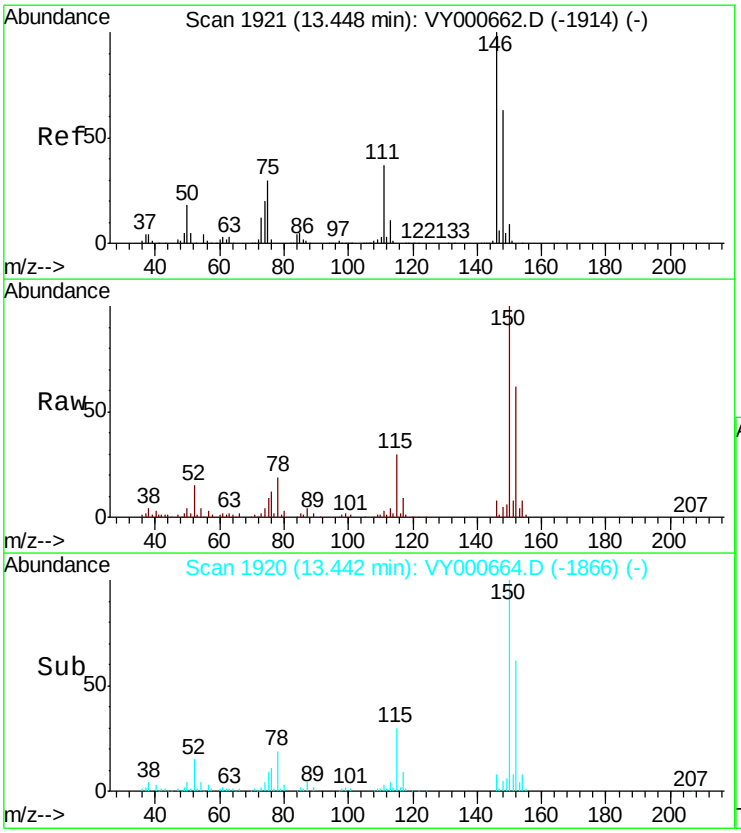
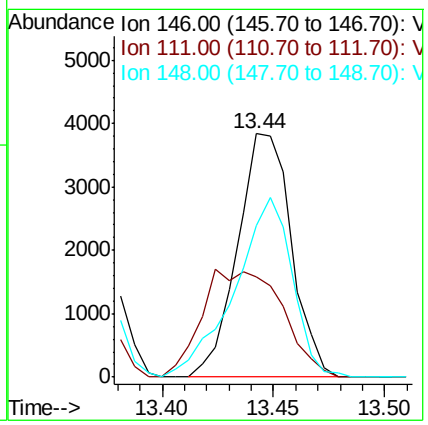
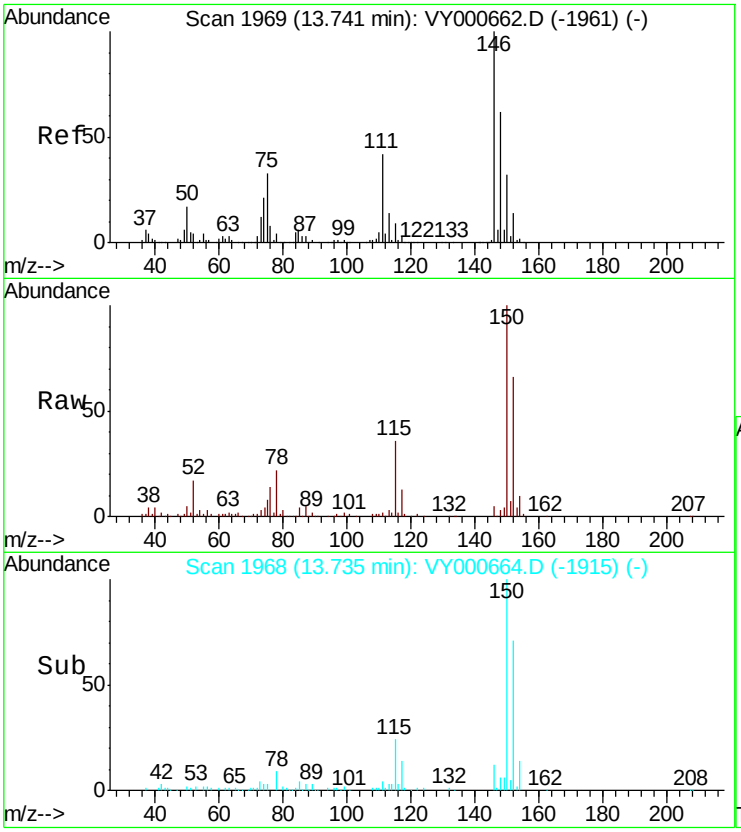


#64
1,4-Dichlorobenzene
Concen: 0.616 ug/L
RT: 13.44 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VY000664.D
Acq: 13 Nov 2019 11:55

Tgt Ion:146 Resp: 6475

Ion	Ratio	Lower	Upper
146	100		
111	41.2	26.7	49.5
148	62.2	45.2	84.0

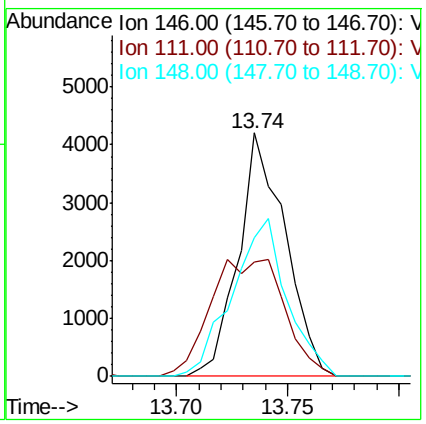




#65
1,2-Dichlorobenzene
Concen: 0.633 ug/L
RT: 13.74 min Scan# 1968
Delta R.T. -0.01 min
Lab File: VY000664.D
Acq: 13 Nov 2019 11:55

Tgt Ion:146 Resp: 6166

Ion	Ratio	Lower	Upper
146	100		
111	47.2	33.8	50.8
148	56.9	51.0	76.6



Instrument :
MSVOA_Y
ClientSampleId :
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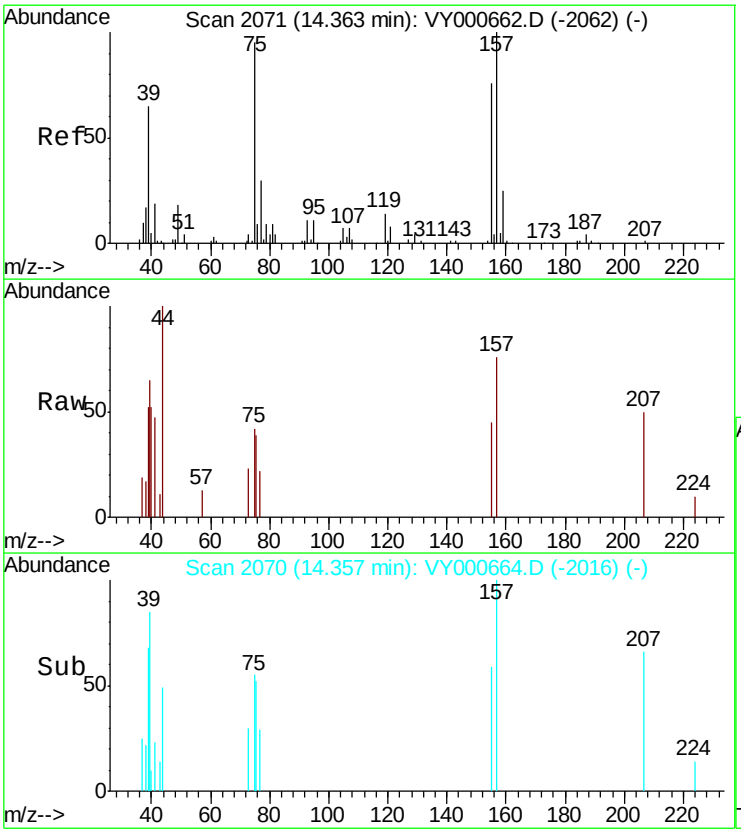
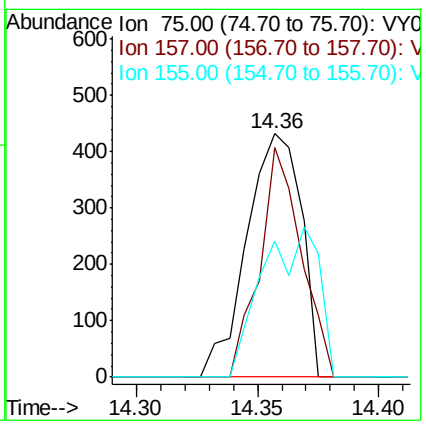
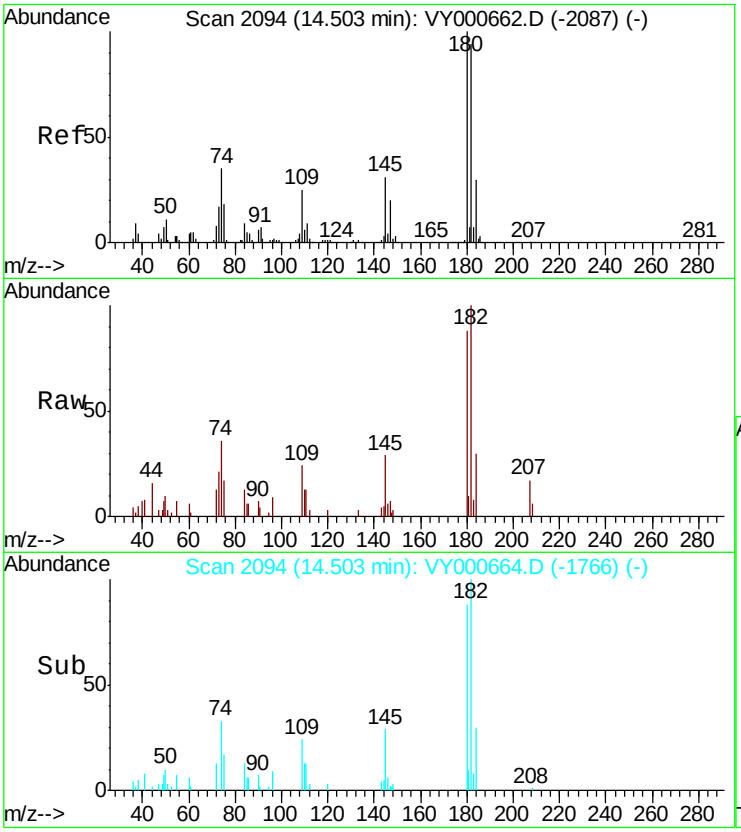


#66
1,2-Dibromo-3-chloropropane
Concen: 0.725 ug/L m
RT: 14.36 min Scan# 2070
Delta R.T. 0.00 min
Lab File: VY000664.D
Acq: 13 Nov 2019 11:55

Tgt Ion: 75 Resp: 671

Ion	Ratio	Lower	Upper
75	100		
157	183.3	78.1	117.1#
155	108.6	64.2	96.4#

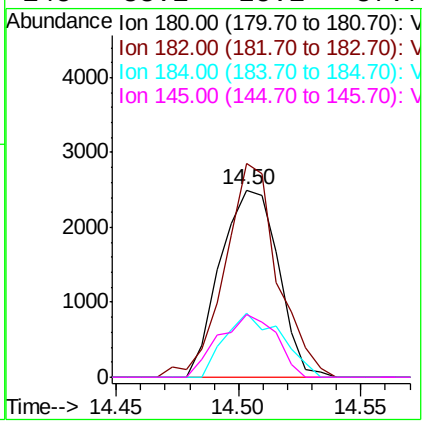




#67
1,3,5-Trichlorobenzene
Concen: 0.563 ug/L
RT: 14.50 min Scan# 2094
Delta R.T. 0.00 min
Lab File: VY000664.D
Acq: 13 Nov 2019 11:55

Tgt Ion:180 Resp: 4127

Ion	Ratio	Lower	Upper
180	100		
182	103.9	75.6	113.4
184	33.2	24.5	36.7
145	33.1	25.1	37.7



Instrument :
MSVOA_Y
ClientSampleId :
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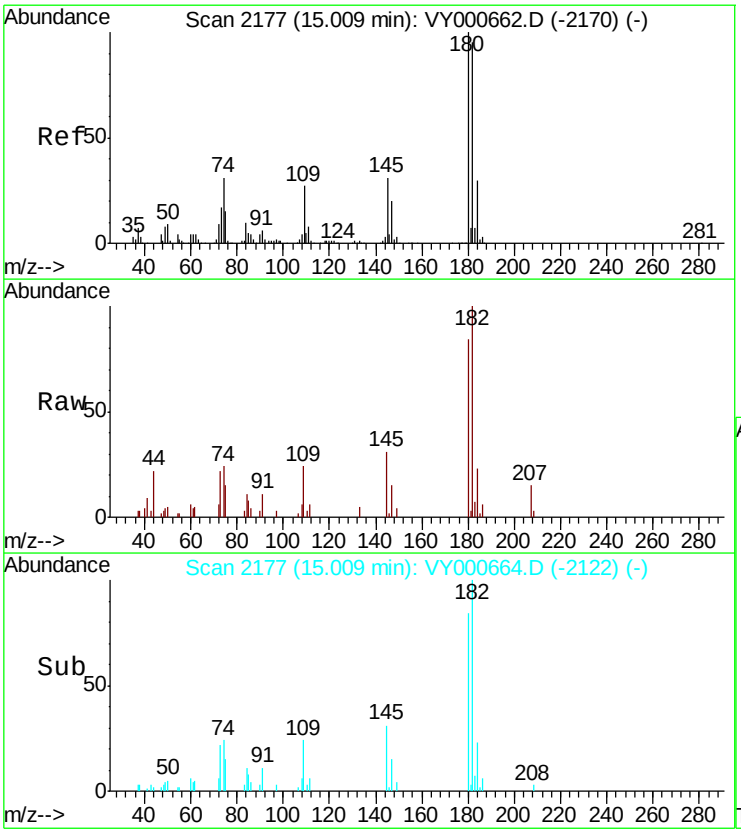
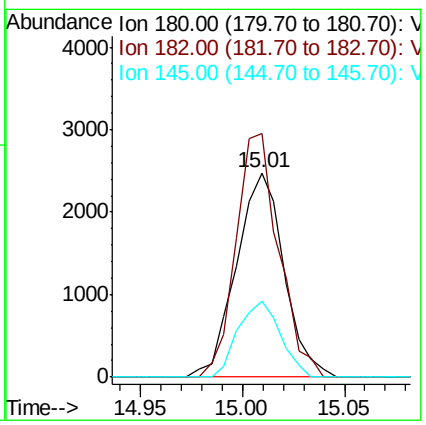
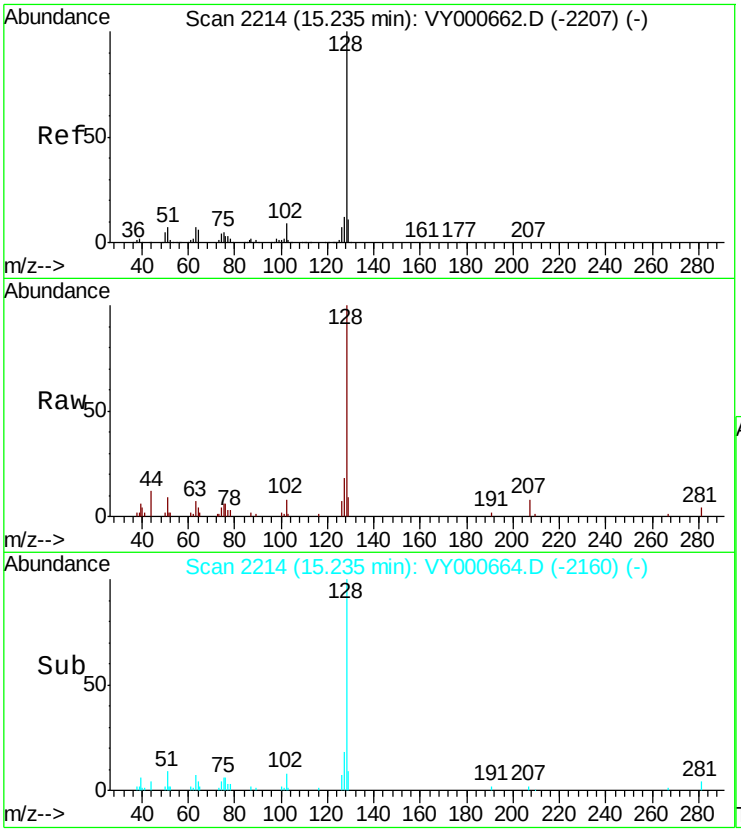


#68
1,2,4-trichlorobenzene
Concen: 0.612 ug/L
RT: 15.01 min Scan# 2177
Delta R.T. 0.01 min
Lab File: VY000664.D
Acq: 13 Nov 2019 11:55

Tgt Ion:180 Resp: 4010

Ion	Ratio	Lower	Upper
180	100		
182	106.9	77.5	116.3
145	32.8	25.4	38.2

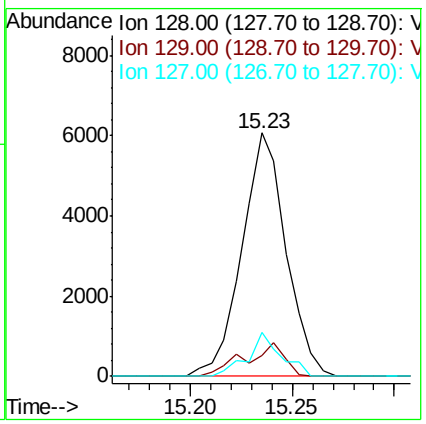




#69
Naphthalene
Concen: 0.558 ug/L
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY000664.D
Acq: 13 Nov 2019 11:55

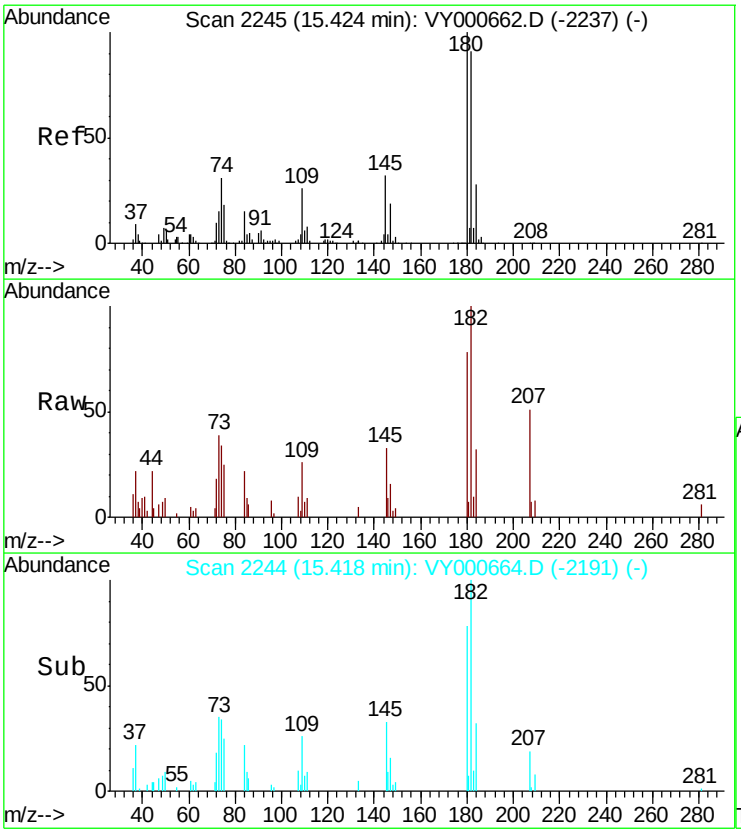
Tgt Ion:128 Resp: 9108

Ion	Ratio	Lower	Upper
128	100		
129	7.4	8.4	12.6#
127	13.5	9.8	14.6



Instrument :
MSVOA_Y
ClientSampleId :
MDL01

Manual Integrations APPROVED
MMDADODA
11/19/2019 11:58:46 AM



#70
1,2,3-Trichlorobenzene
Concen: 0.557 ug/L
RT: 15.42 min Scan# 2244
Delta R.T. -0.01 min
Lab File: VY000664.D
Acq: 13 Nov 2019 11:55

Tgt Ion:180 Resp: 3390

Ion	Ratio	Lower	Upper
180	100		
182	116.6	76.2	114.4#
145	32.1	26.6	39.8