

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY071020\
 Data File : VY003164.D
 Acq On : 10 Jul 2020 15:34
 Operator : SY/MD
 Sample : VY0710SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0710SBS01

Manual Integrations
 APPROVED

MMDadoda
 7/13/2020 10:47:46 AM

Quant Time: Jul 13 05:20:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	482255	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	704335	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	637846	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	338513	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	195316	47.98	ug/l	0.00
Spiked Amount 50.000			Recovery =	95.96%		
35) Dibromofluoromethane	7.72	113	194824	48.07	ug/l	0.00
Spiked Amount 50.000			Recovery =	96.14%		
50) Toluene-d8	10.18	98	708541	47.02	ug/l	0.00
Spiked Amount 50.000			Recovery =	94.04%		
62) 4-Bromofluorobenzene	12.48	95	257448	47.29	ug/l	0.00
Spiked Amount 50.000			Recovery =	94.58%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	77648	22.465	ug/l	98
3) Chloromethane	2.12	50	100309	20.922	ug/l	99
4) Vinyl Chloride	2.26	62	104370	21.217	ug/l	100
5) Bromomethane	2.64	94	81102	22.197	ug/l	100
6) Chloroethane	2.79	64	68824	21.302	ug/l	96
7) Trichlorofluoromethane	3.13	101	147883	21.051	ug/l	99
8) Diethyl Ether	3.54	74	48305	20.520	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.91	101	89522	21.100	ug/l	99
10) Methyl Iodide	4.10	142	90908	19.722	ug/l	99
11) Tert butyl alcohol	4.96	59	42587	96.758	ug/l	99
12) 1,1-Dichloroethene	3.88	96	83625	20.839	ug/l	98
13) Acrolein	3.74	56	36719	96.116	ug/l	97
14) Allyl chloride	4.49	41	124484	20.905	ug/l	100
15) Acrylonitrile	5.18	53	115087	101.776	ug/l	99
16) Acetone	3.95	43	89105	98.003	ug/l	100
17) Carbon Disulfide	4.20	76	263476	21.396	ug/l	97
18) Methyl Acetate	4.49	43	51126	20.248	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	229187	20.379	ug/l	99
20) Methylene Chloride	4.72	84	105396	19.710	ug/l	97
21) trans-1,2-Dichloroethene	5.22	96	93352	20.567	ug/l	94
22) Diisopropyl ether	6.13	45	273679	20.709	ug/l	98
23) Vinyl Acetate	6.07	43	888804	100.903	ug/l	100
24) 1,1-Dichloroethane	6.02	63	160202	20.924	ug/l	99
25) 2-Butanone	6.99	43	146646	98.233	ug/l	94
26) 2,2-Dichloropropane	6.99	77	146490	21.245	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	104589	20.928	ug/l	100
28) Bromochloromethane	7.35	49	70813	21.362	ug/l	98
29) Tetrahydrofuran	7.36	42	101229	100.940	ug/l	99
30) Chloroform	7.52	83	164458	20.855	ug/l	96
31) Cyclohexane	7.79	56	152947	20.658	ug/l	93
32) 1,1,1-Trichloroethane	7.71	97	148664	20.941	ug/l	98
36) 1,1-Dichloropropene	7.93	75	131522	20.603	ug/l	99
37) Ethyl Acetate	7.08	43	69673	20.267	ug/l	99
38) Carbon Tetrachloride	7.91	117	135146	20.507	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	161922	20.192	ug/l	98
40) Benzene	8.16	78	361026	20.540	ug/l	98
41) Methacrylonitrile	7.33	41	42340m	20.449	ug/l	
42) 1,2-Dichloroethane	8.24	62	109155	20.172	ug/l	99
43) Isopropyl Acetate	8.28	43	129603	19.477	ug/l	99
44) Trichloroethene	8.94	130	108935	20.217	ug/l	98
45) 1,2-Dichloropropane	9.22	63	92907	20.427	ug/l	97
46) Dibromomethane	9.31	93	53804	20.254	ug/l	99
47) Bromodichloromethane	9.50	83	129426	20.486	ug/l	100
48) Methyl methacrylate	9.30	41	57830	19.440	ug/l	99
49) 1,4-Dioxane	9.30	88	14098	418.161	ug/l	95
51) 4-Methyl-2-Pentanone	10.07	43	337447	97.565	ug/l	100
52) Toluene	10.24	92	229555	20.433	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	131328	20.063	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	149866	19.871	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	74971	19.917	ug/l	97
56) Ethyl methacrylate	10.51	69	103407	20.206	ug/l	99
57) 1,3-Dichloropropane	10.79	76	128142	20.077	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	260561	99.832	ug/l	99
59) 2-Hexanone	10.83	43	237274	98.274	ug/l	99
60) Dibromochloromethane	10.99	129	94775	20.018	ug/l	98
61) 1,2-Dibromoethane	11.09	107	73840	19.875	ug/l	98
64) Tetrachloroethene	10.72	164	117220	20.611	ug/l	99
65) Chlorobenzene	11.52	112	255431	20.787	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	96105	20.137	ug/l	99
67) Ethyl Benzene	11.59	91	452136	20.608	ug/l	100
68) m/p-Xylenes	11.70	106	341713	41.049	ug/l	99
69) o-Xylene	12.03	106	160381	20.623	ug/l	100
70) Styrene	12.04	104	275451	20.705	ug/l	99
71) Bromoform	12.20	173	61928	19.771	ug/l #	98
73) Isopropylbenzene	12.33	105	442942	20.533	ug/l	100
74) N-amyl acetate	12.14	43	123161	20.347	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	83153	19.958	ug/l	97
76) 1,2,3-Trichloropropane	12.63	75	60526m	20.199	ug/l	
77) Bromobenzene	12.61	156	112577	20.473	ug/l	99
78) n-propylbenzene	12.67	91	526811	20.717	ug/l	100
79) 2-Chlorotoluene	12.75	91	293162	20.664	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	376063	20.916	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	30411	19.752	ug/l	96
82) 4-Chlorotoluene	12.85	91	307218	20.746	ug/l	100
83) tert-Butylbenzene	13.08	119	330374	20.825	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	376215	20.796	ug/l	98
85) sec-Butylbenzene	13.25	105	453709	20.808	ug/l	99
86) p-Isopropyltoluene	13.37	119	423096	20.781	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	212077	20.395	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	211410	20.535	ug/l	98
89) n-Butylbenzene	13.70	91	400859	20.932	ug/l	100
90) Hexachloroethane	13.96	117	74426	20.074	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	190147	20.837	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	13191	19.529	ug/l	98

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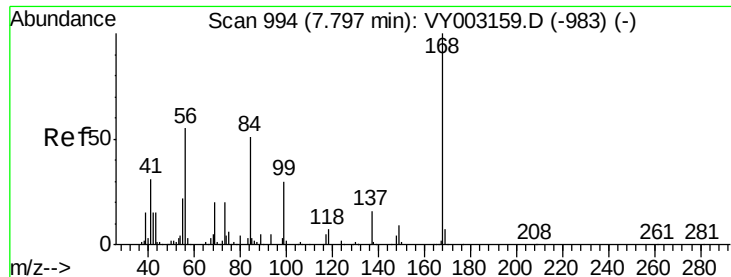
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	132608	20.427	ug/l	99
94) Hexachlorobutadiene	15.11	225	93386	20.993	ug/l	99
95) Naphthalene	15.23	128	212984	19.851	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	101504	19.779	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY003164.D

Acq: 10 Jul 2020 15:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0710SBS01

Tot Ion:168 Resp: 482255

Ion Ratio Lower Upper

168 100

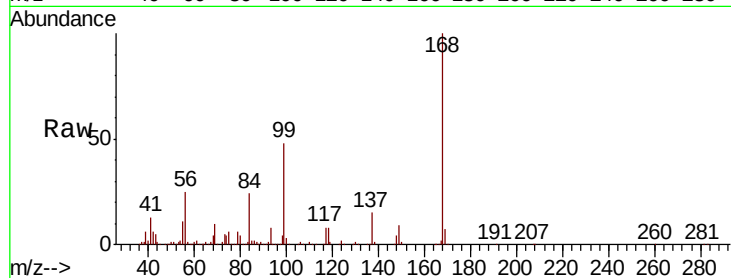
99 48.1 37.3 55.9

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Abundance Ion 167.90 (167.60 to 168.60): VY003159.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY003159.D (-983) (-)

7.80

250000

200000

150000

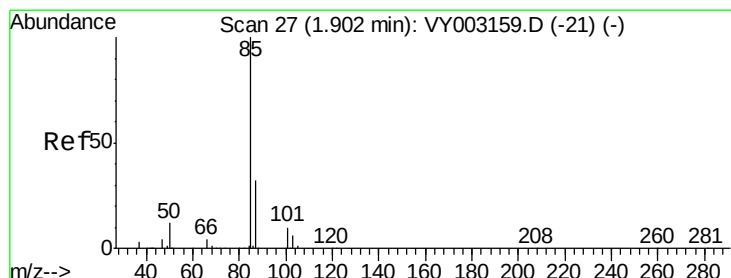
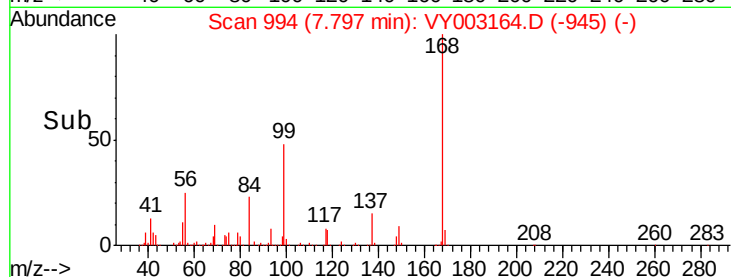
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 22.465 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY003164.D

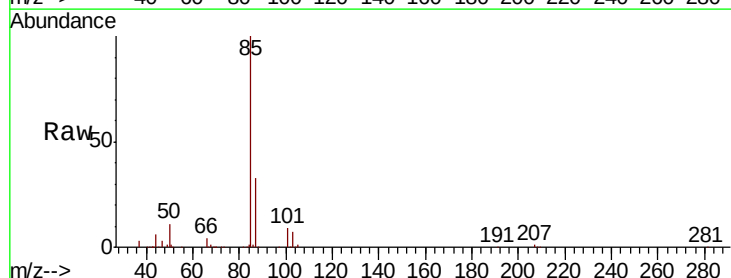
Acq: 10 Jul 2020 15:34

Tgt Ion: 85 Resp: 77648

Ion Ratio Lower Upper

85 100

87 33.1 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY003159.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY003159.D (-21) (-)

1.91

50000

40000

30000

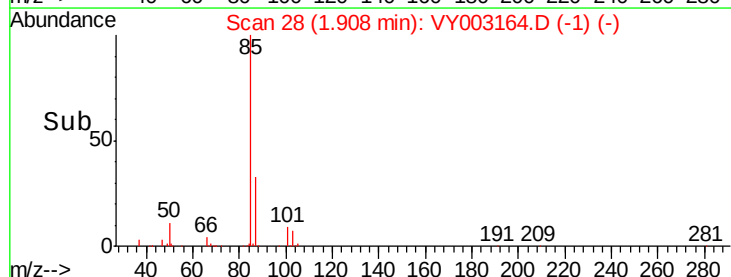
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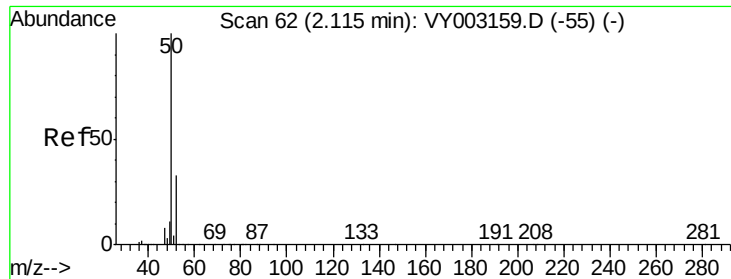
10000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 20.922 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY003164.D

Acq: 10 Jul 2020 15:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0710SBS01

Tot Ion: 50 Resp: 100309

Ion Ratio Lower Upper

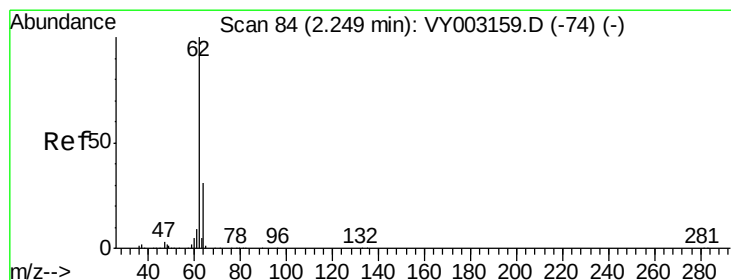
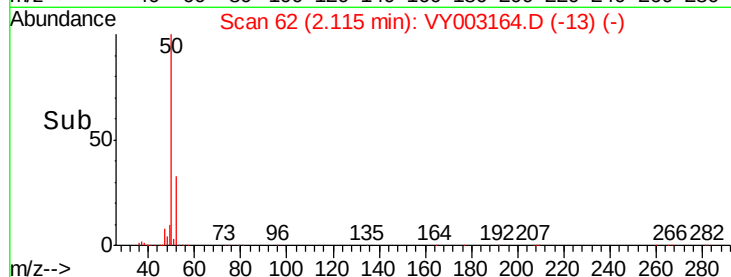
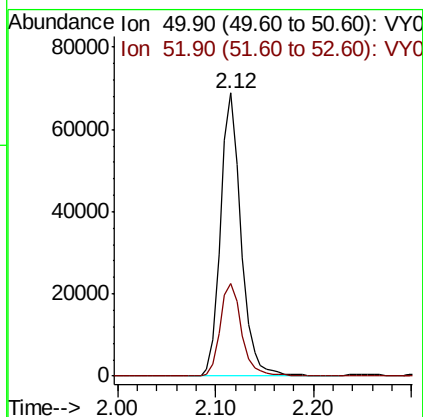
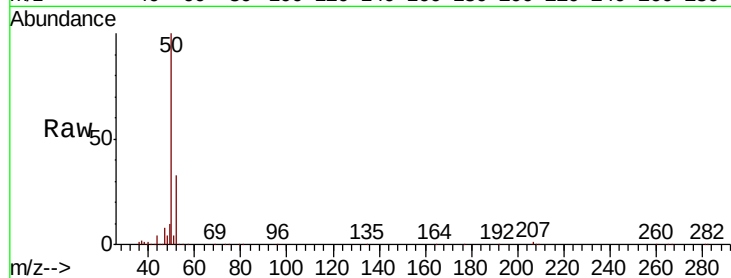
50 100

52 32.7 26.6 39.8

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#4

Vinyl Chloride

Concen: 21.217 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY003164.D

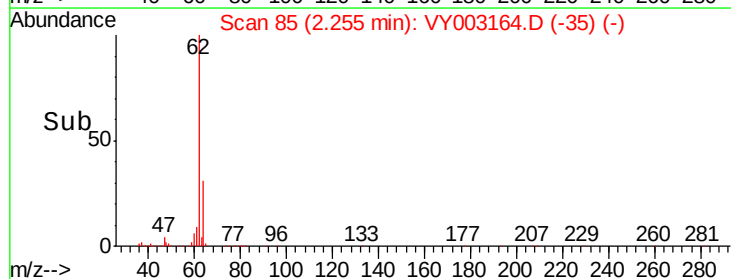
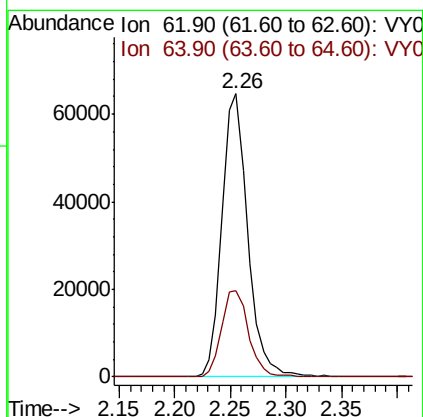
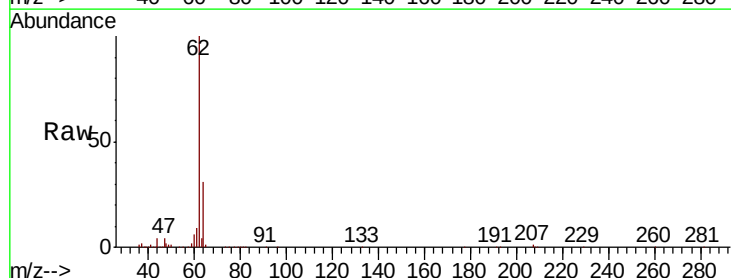
Acq: 10 Jul 2020 15:34

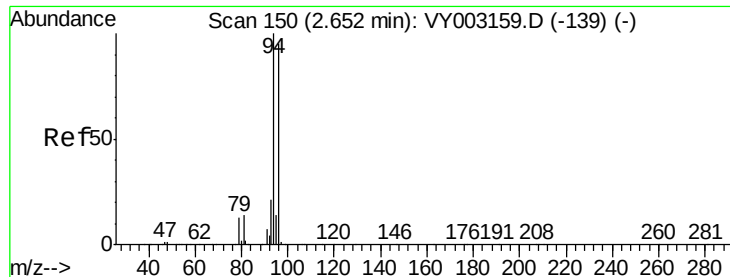
Tgt Ion: 62 Resp: 104370

Ion Ratio Lower Upper

62 100

64 30.6 24.6 37.0





#5

Bromomethane

Concen: 22.197 ug/l

RT: 2.64 min Scan# 148

Delta R.T. -0.01 min

Lab File: VY003164.D

Acq: 10 Jul 2020 15:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0710SBS01

Tot Ion: 94 Resp: 81102

Ion Ratio Lower Upper

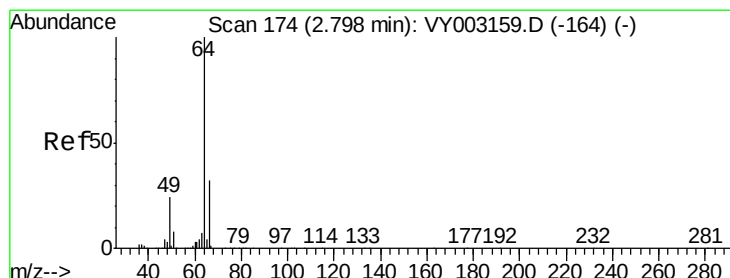
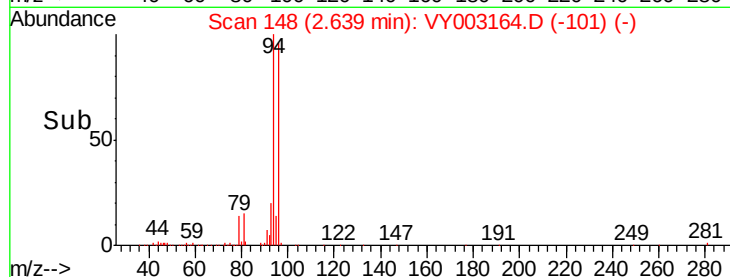
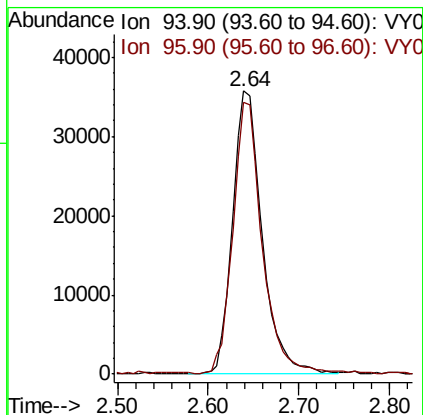
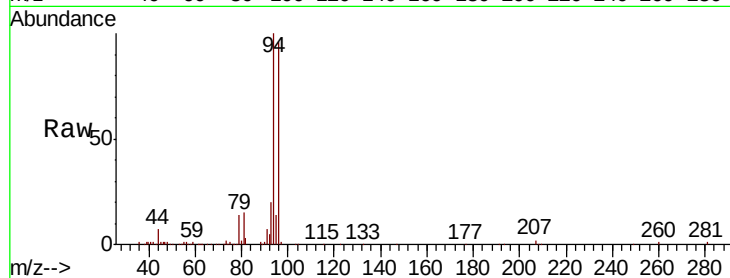
94 100

96 95.4 76.0 114.0

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#6

Chloroethane

Concen: 21.302 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.01 min

Lab File: VY003164.D

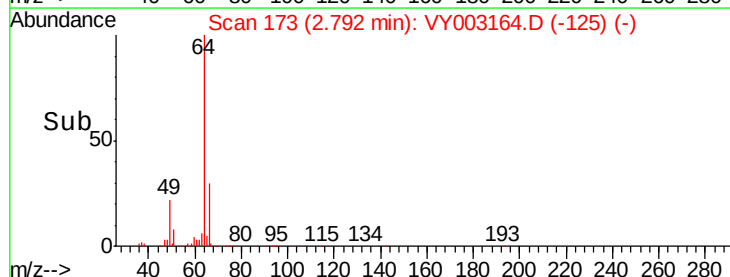
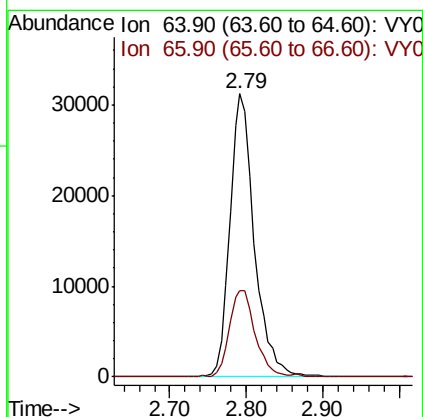
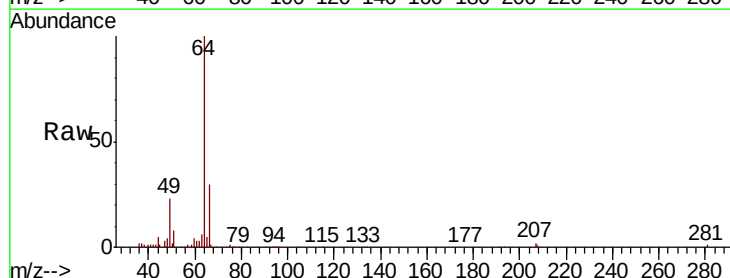
Acq: 10 Jul 2020 15:34

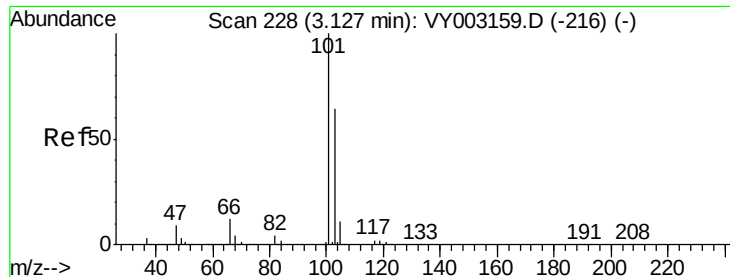
Tgt Ion: 64 Resp: 68824

Ion Ratio Lower Upper

64 100

66 30.1 26.0 39.0





#7

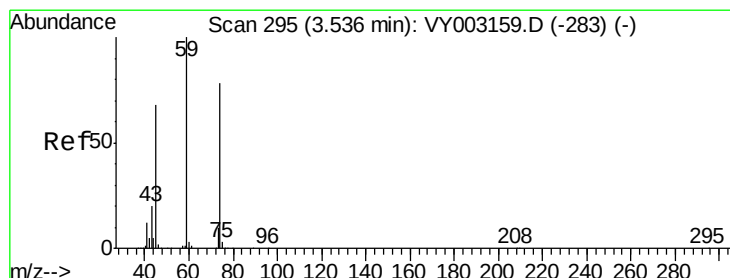
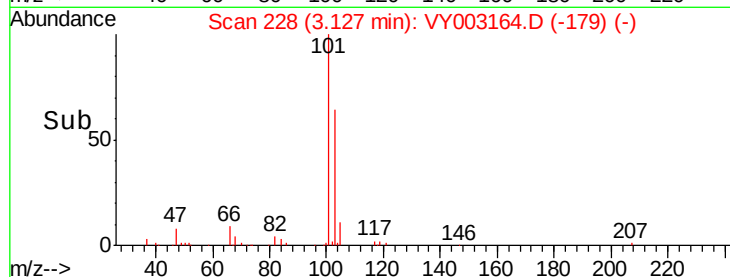
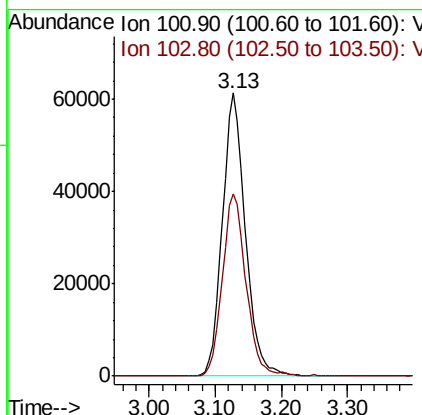
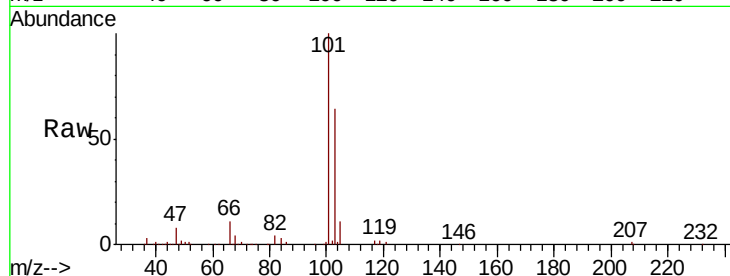
Trichlorofluoromethane
 Concen: 21.051 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. 0.00 min
 Lab File: VY003164.D
 Acq: 10 Jul 2020 15:34

Instrument :
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 VY0710SBS01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	147883		
103	64.5	51.3	76.9	

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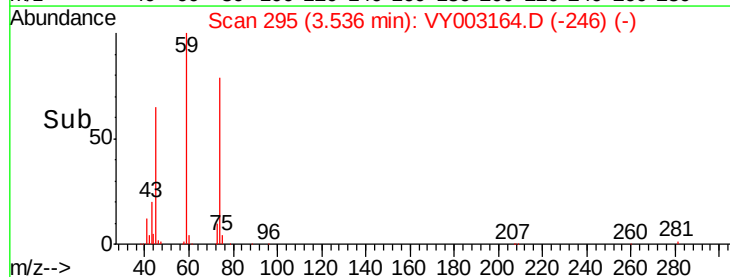
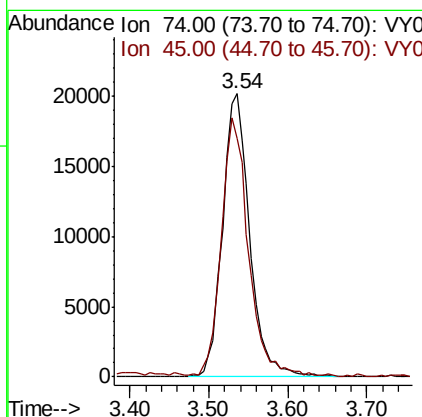
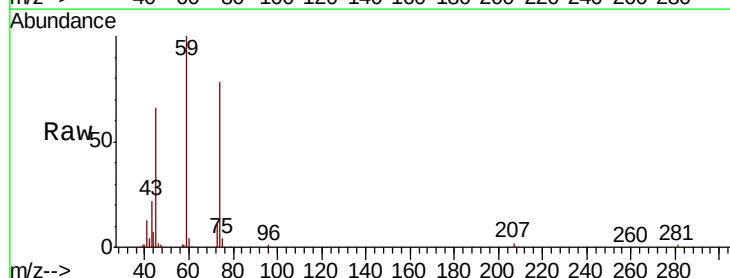
MMDadoda
 7/13/2020 10:47:46 AM

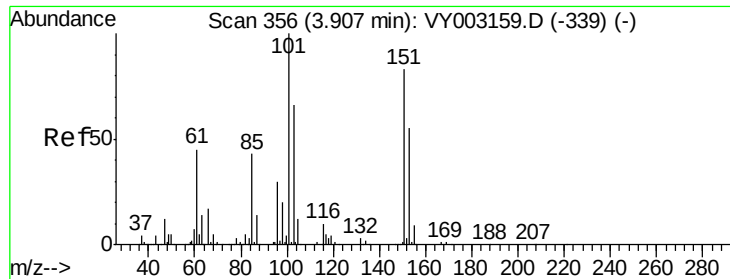


#8

Diethyl Ether
 Concen: 20.520 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. 0.00 min
 Lab File: VY003164.D
 Acq: 10 Jul 2020 15:34

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	48305		
45	89.8	45.3	135.8	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.100 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.00 min

Lab File: VY003164.D

Acq: 10 Jul 2020 15:34

Instrument :

MSVOA_Y

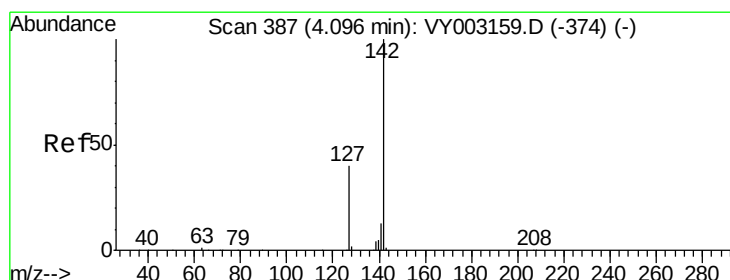
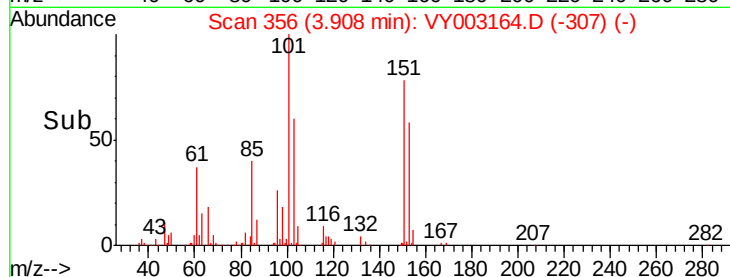
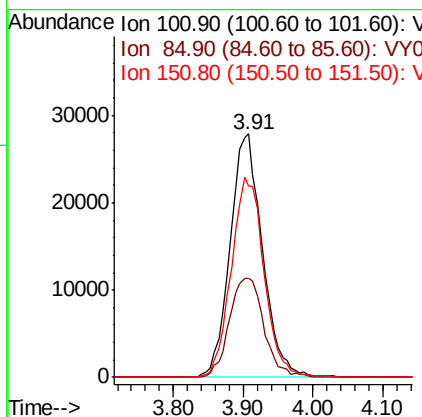
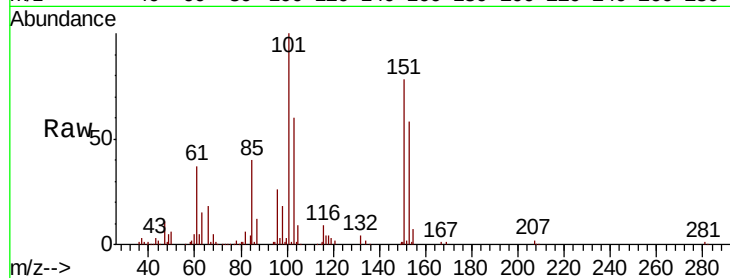
ClientSampleId :

VY0710SBS01

Tot Ion:	101	Resp:	89522
Ion Ratio	Lower	Upper	
101	100		
85	43.7	34.9	52.3
151	83.1	67.0	100.6

Manual Integrations
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#10

Methyl Iodide

Concen: 19.722 ug/l

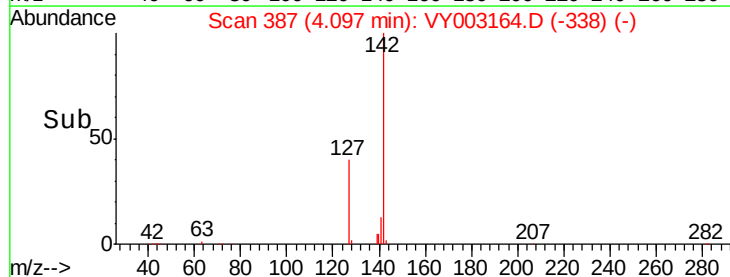
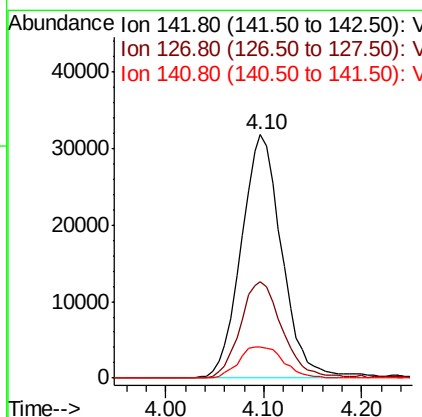
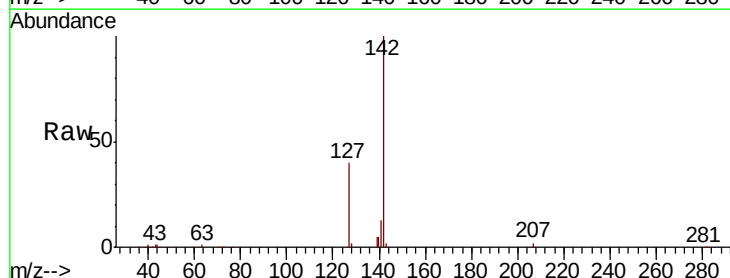
RT: 4.10 min Scan# 387

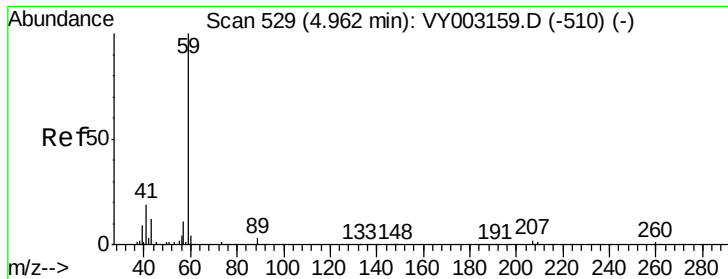
Delta R.T. 0.00 min

Lab File: VY003164.D

Acq: 10 Jul 2020 15:34

Tgt Ion:	142	Resp:	90908
Ion Ratio	Lower	Upper	
142	100		
127	41.1	33.5	50.3
141	14.5	11.2	16.8





#11

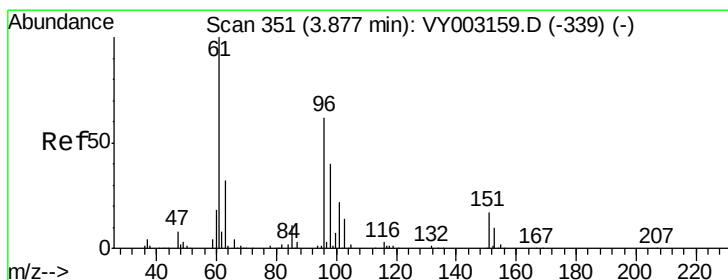
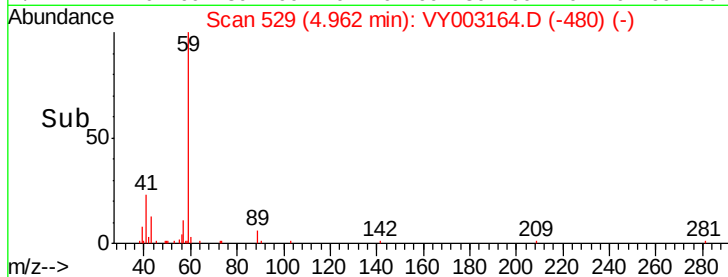
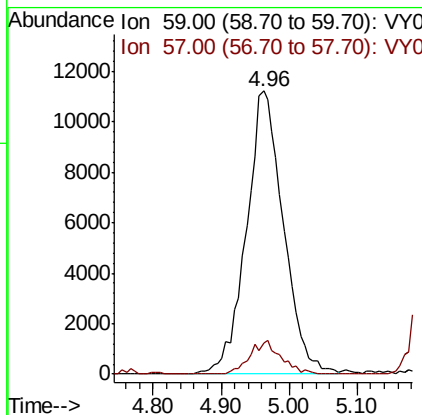
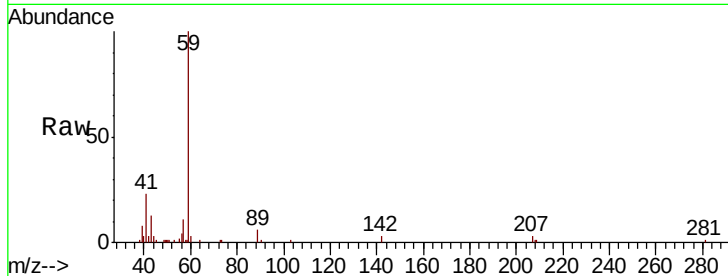
Tert butyl alcohol
 Concen: 96.758 ug/l
 RT: 4.96 min Scan# 529
 Delta R.T. 0.00 min
 Lab File: VY003164.D
 Acq: 10 Jul 2020 15:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0710SBS01

Tot Ion	59.00 (58.70 to 59.70): VY0	Resp	42587
Ion Ratio	59	100	
Lower	57	10.0	8.4
Upper			12.6

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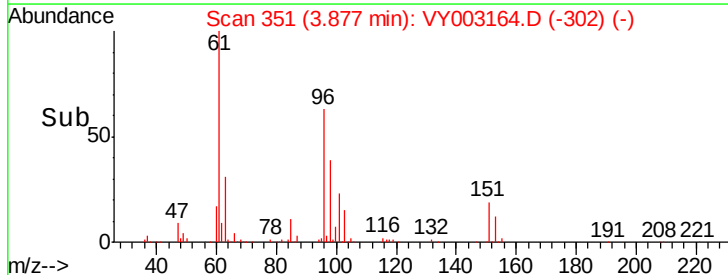
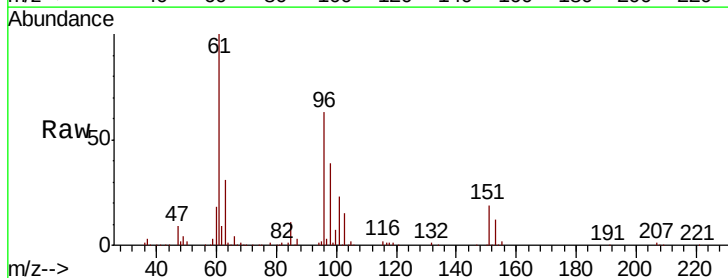
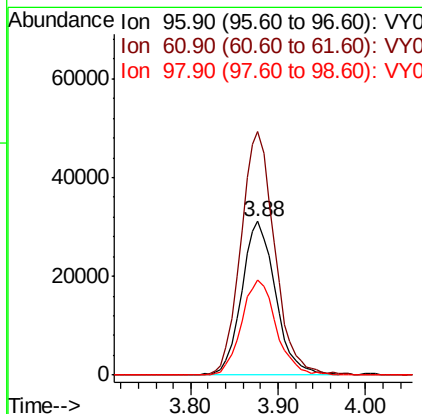
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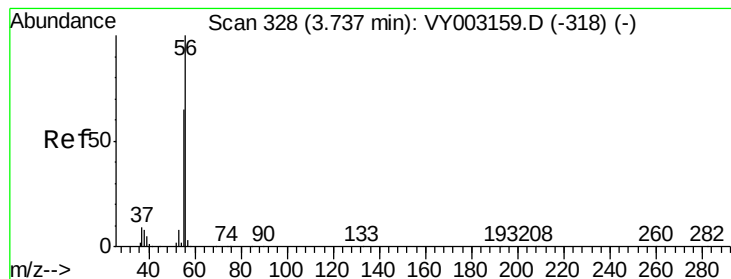


#12

1,1-Dichloroethene
 Concen: 20.839 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VY003164.D
 Acq: 10 Jul 2020 15:34

Tgt Ion	96	Resp	83625
Ion Ratio	96	100	
Lower	61	158.3	128.6
Upper	98	62.0	51.6





#13

Acrolein

Concen: 96.116 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY003164.D

Acq: 10 Jul 2020 15:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0710SBS01

Tot Ion: 56 Resp: 36719

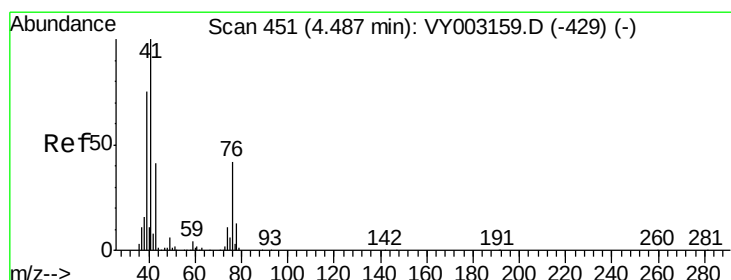
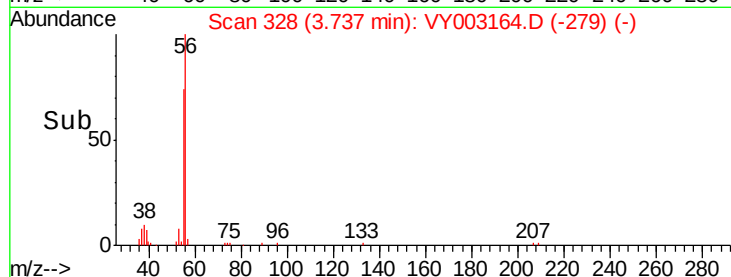
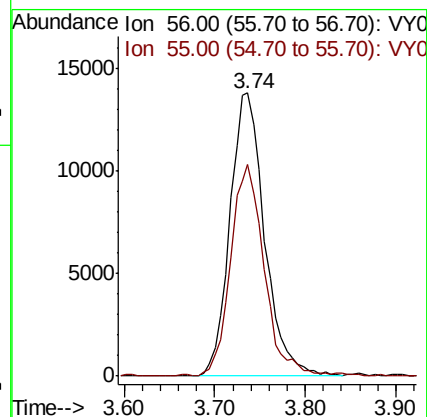
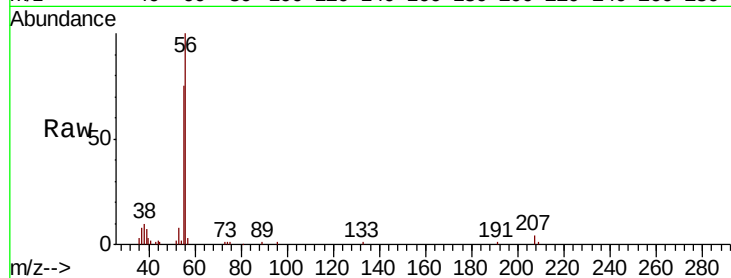
Ion Ratio Lower Upper

56 100

55 72.2 56.0 84.0

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#14

Allyl chloride

Concen: 20.905 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY003164.D

Acq: 10 Jul 2020 15:34

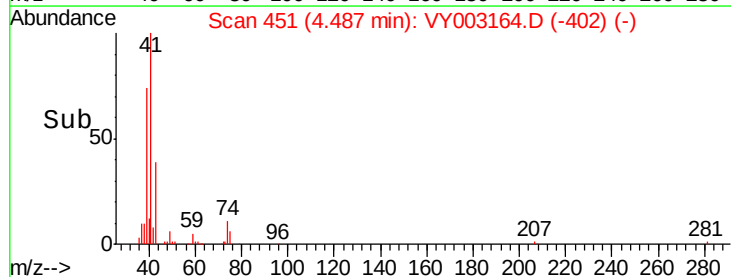
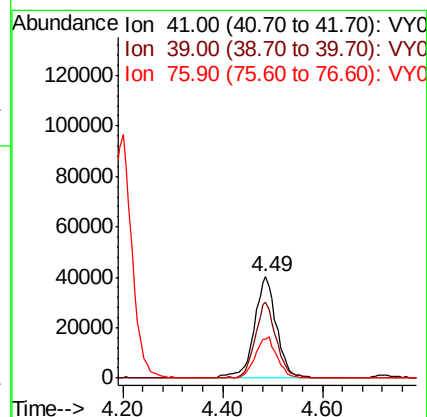
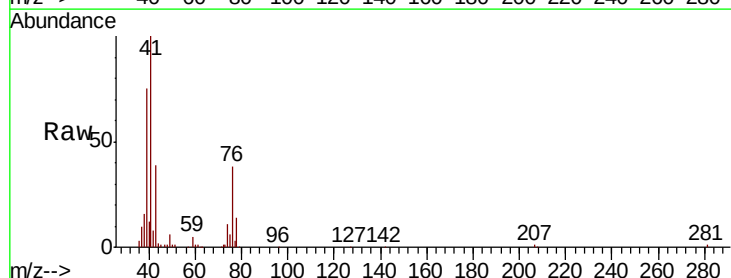
Tgt Ion: 41 Resp: 124484

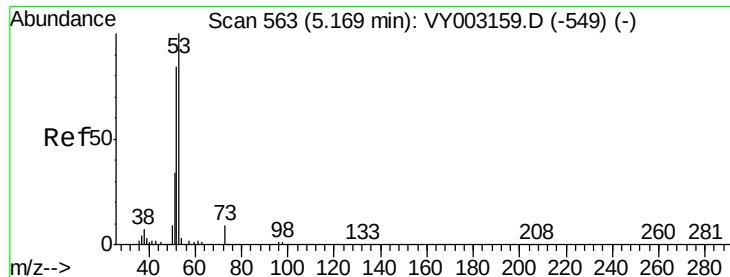
Ion Ratio Lower Upper

41 100

39 71.4 56.6 85.0

76 39.5 31.6 47.4





#15

Acrylonitrile

Concen: 101.776 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.01 min

Lab File: VY003164.D

Acq: 10 Jul 2020 15:34

Instrument :

MSVOA_Y

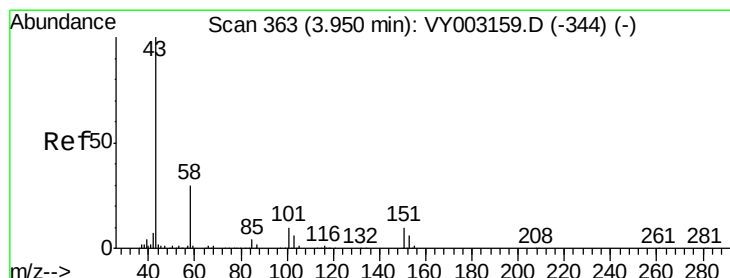
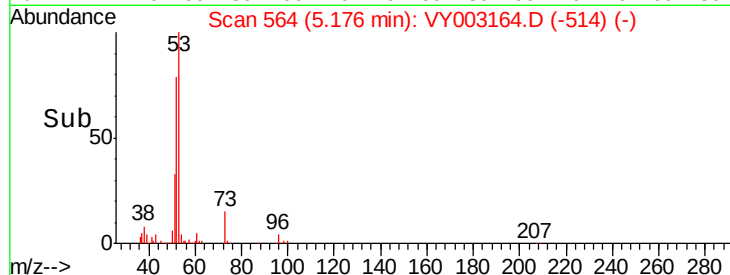
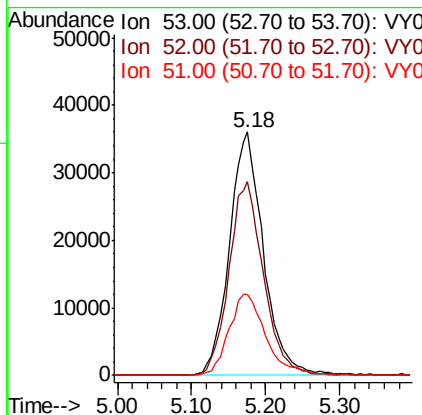
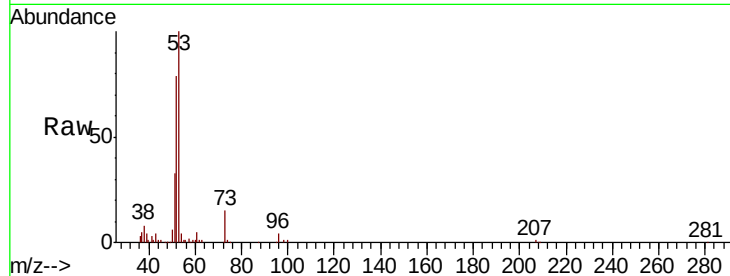
ClientSampleId :

VY0710SBS01

Tot Ion:	53	Resp:	115087
Ion Ratio	Lower	Upper	
53	100		
52	80.5	65.8	98.6
51	36.0	29.0	43.4

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#16

Acetone

Concen: 98.003 ug/l

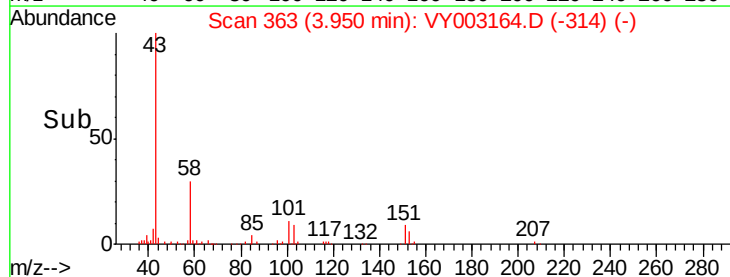
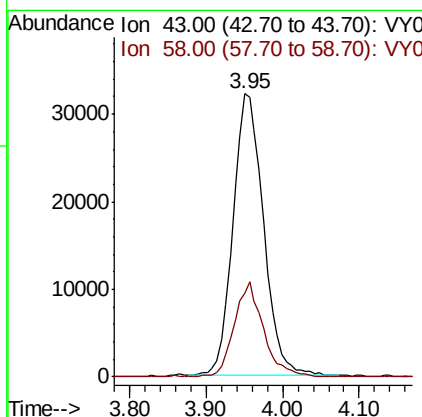
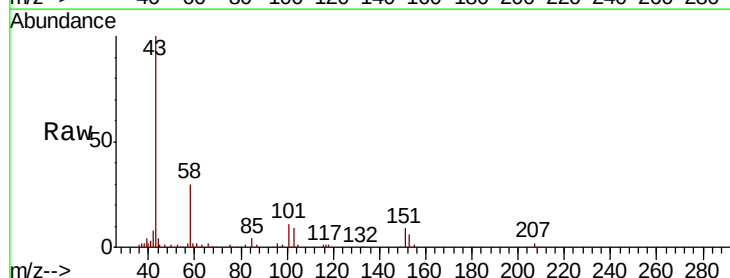
RT: 3.95 min Scan# 363

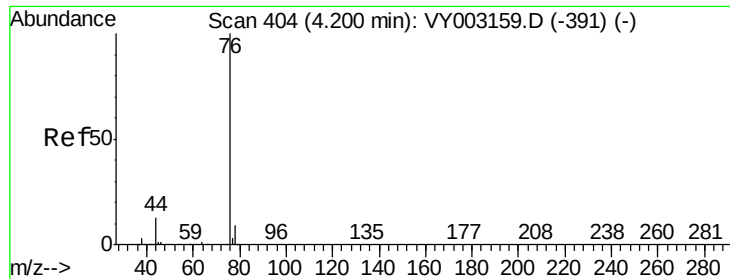
Delta R.T. 0.00 min

Lab File: VY003164.D

Acq: 10 Jul 2020 15:34

Tgt Ion:	43	Resp:	89105
Ion Ratio	Lower	Upper	
43	100		
58	29.9	23.8	35.6





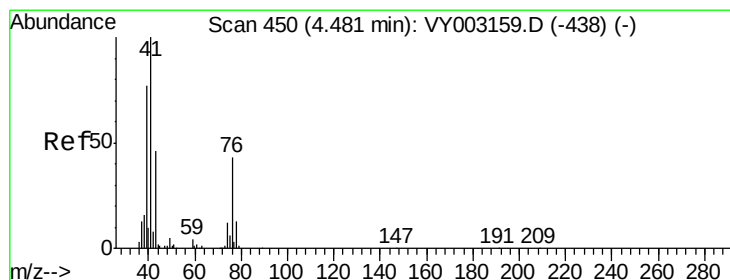
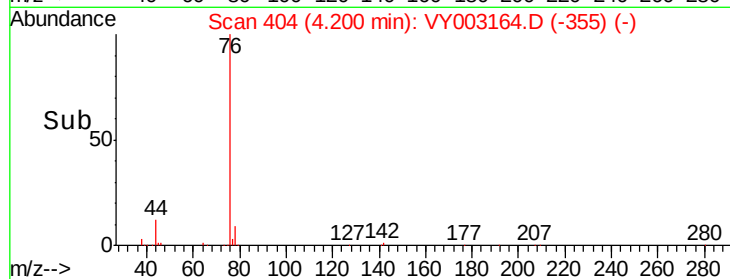
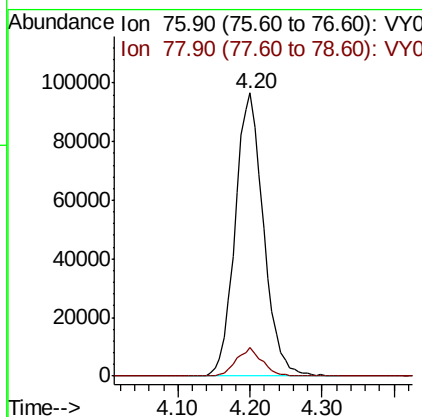
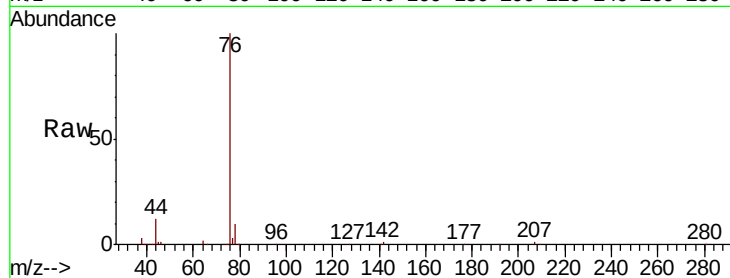
#17
Carbon Disulfide
Concen: 21.396 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.00 min
Lab File: VY003164.D
Acq: 10 Jul 2020 15:34

Instrument :
MSVOA_Y
ClientSampleId :
VY0710SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	10.0	7.3	10.9

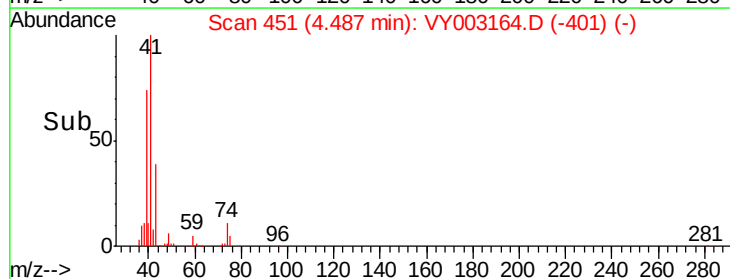
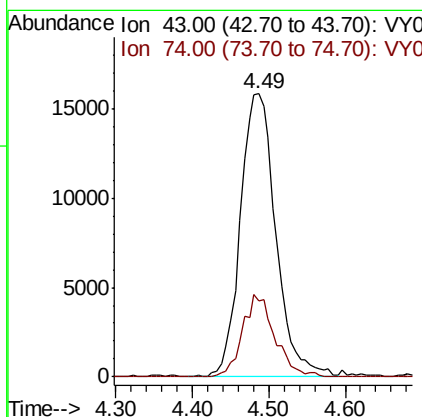
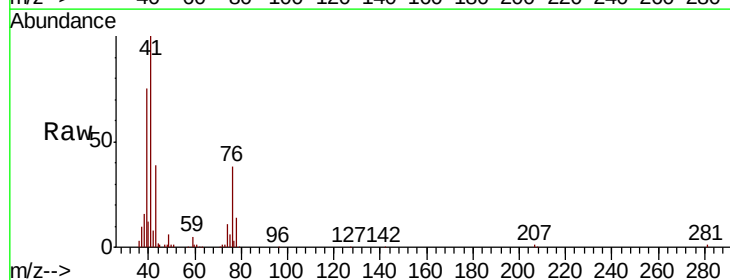
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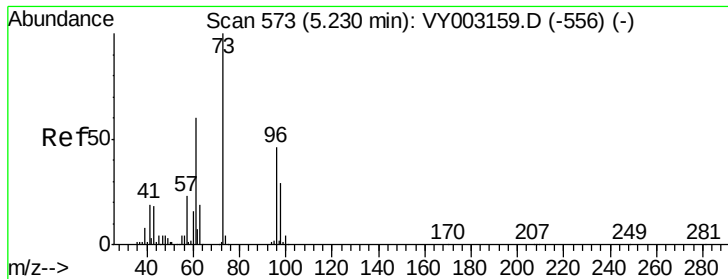
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#18
Methyl Acetate
Concen: 20.248 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.01 min
Lab File: VY003164.D
Acq: 10 Jul 2020 15:34

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.4	20.8	31.2





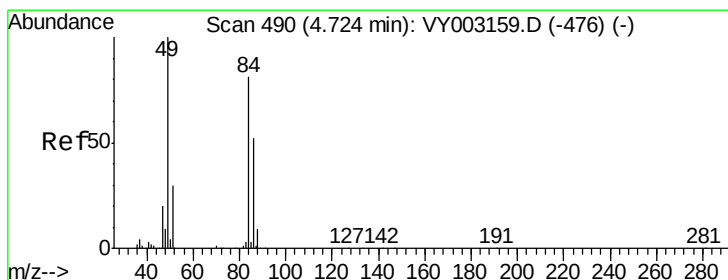
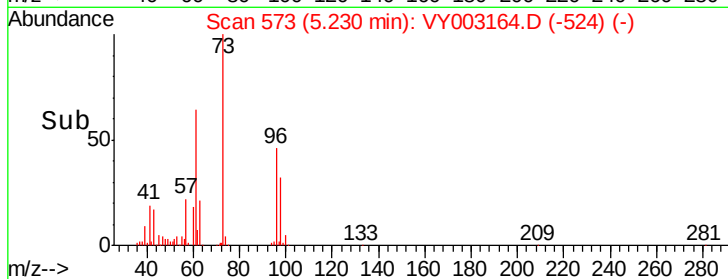
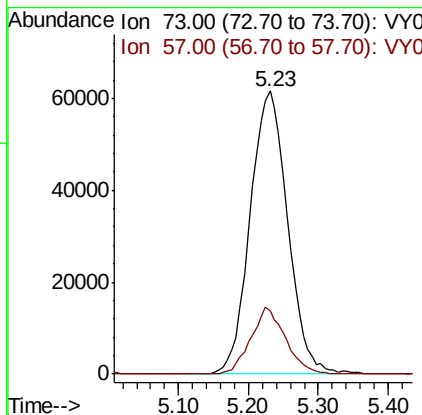
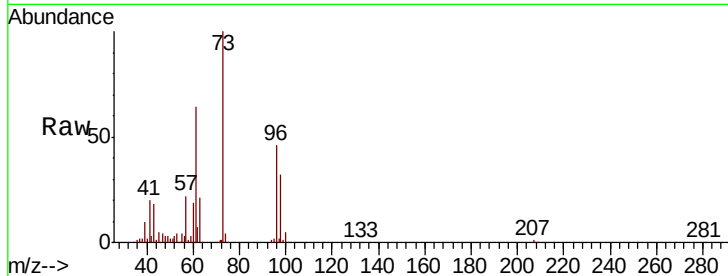
#19
Methyl tert-butyl Ether
Concen: 20.379 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.00 min
Lab File: VY003164.D
Acq: 10 Jul 2020 15:34

Instrument :
MSVOA_Y
ClientSampleId :
VY0710SBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.2	18.1	27.1

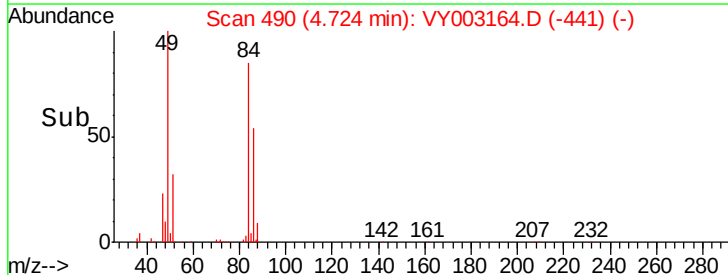
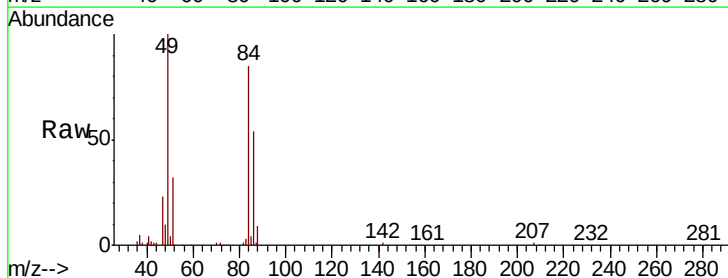
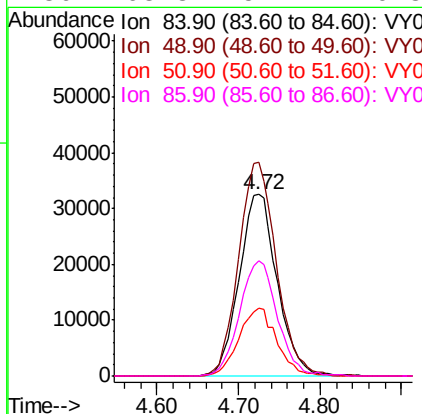
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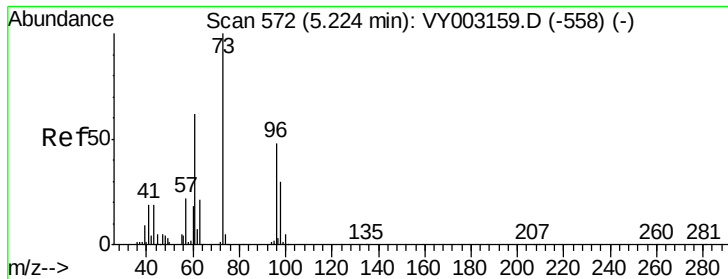
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#20
Methylene Chloride
Concen: 19.710 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003164.D
Acq: 10 Jul 2020 15:34

Tgt Ion	Ratio	Lower	Upper
84	100		
49	117.7	98.2	147.4
51	37.1	29.8	44.6
86	63.3	51.2	76.8





#21

trans-1,2-Dichloroethene

Concen: 20.567 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.00 min

Lab File: VY003164.D

Acq: 10 Jul 2020 15:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0710SBS01

Tot Ion: 96 Resp: 93352

Ion Ratio Lower Upper

96 100

61 134.9 102.5 153.7

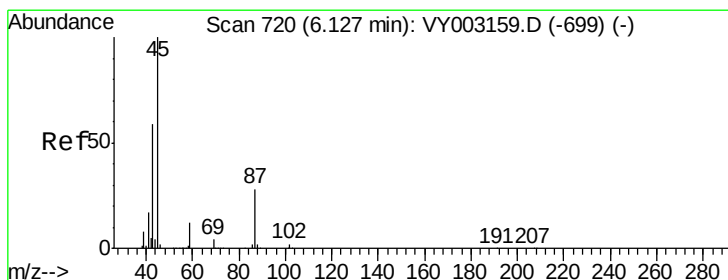
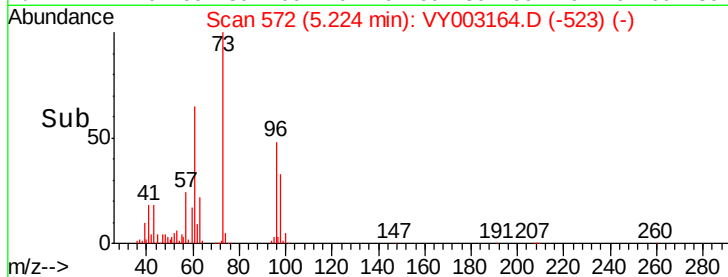
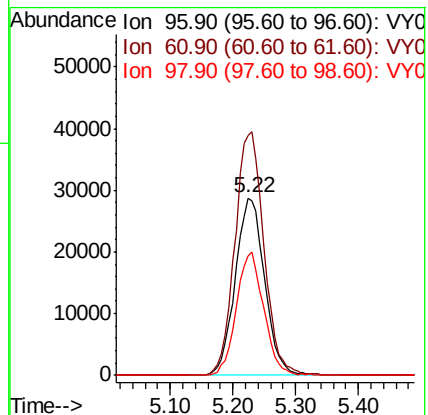
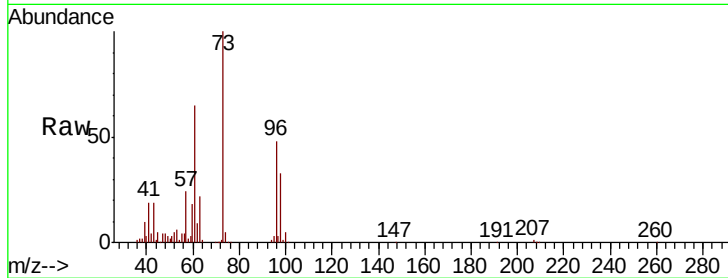
98 67.4 49.8 74.8

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#22

Diisopropyl ether

Concen: 20.709 ug/l

RT: 6.13 min Scan# 720

Delta R.T. 0.00 min

Lab File: VY003164.D

Acq: 10 Jul 2020 15:34

Tgt Ion: 45 Resp: 273679

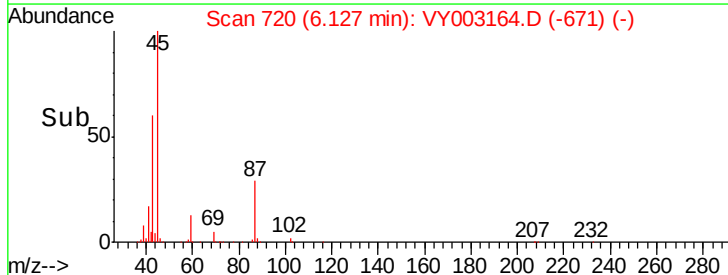
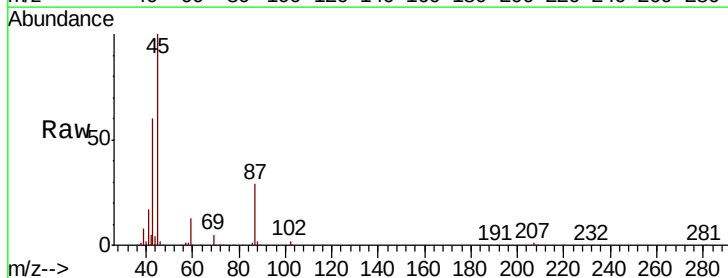
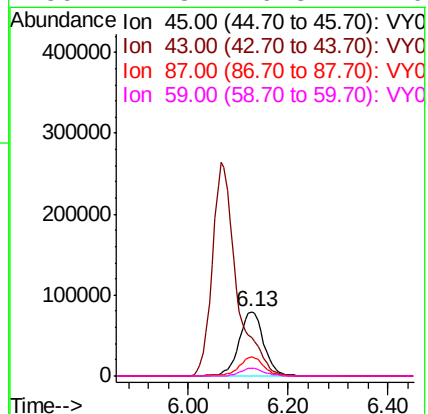
Ion Ratio Lower Upper

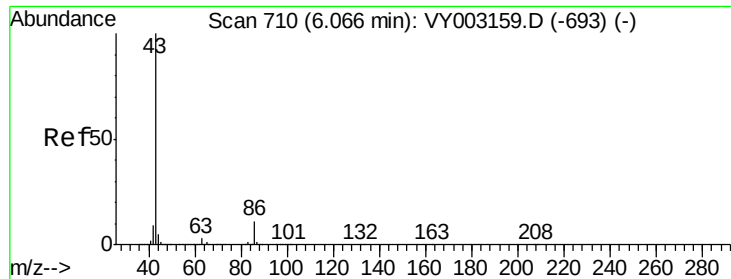
45 100

43 59.8 47.0 70.4

87 29.0 22.6 33.8

59 12.8 9.8 14.6





#23

Vinyl Acetate

Concen: 100.903 ug/l

RT: 6.07 min Scan# 710

Delta R.T. 0.00 min

Lab File: VY003164.D

Acq: 10 Jul 2020 15:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0710SBS01

Tot Ion: 43 Resp: 888804

Ion Ratio Lower Upper

43 100

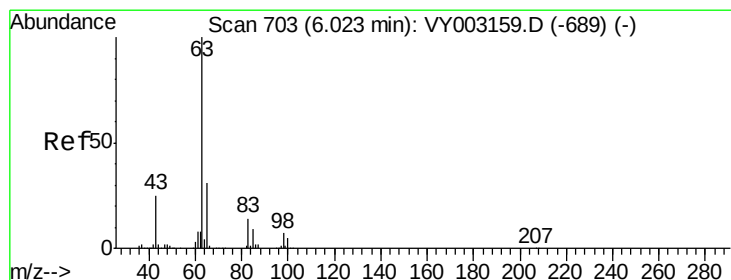
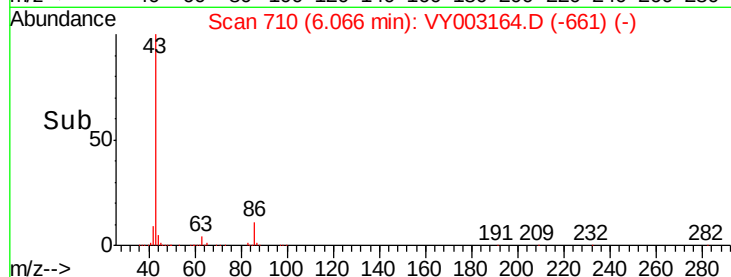
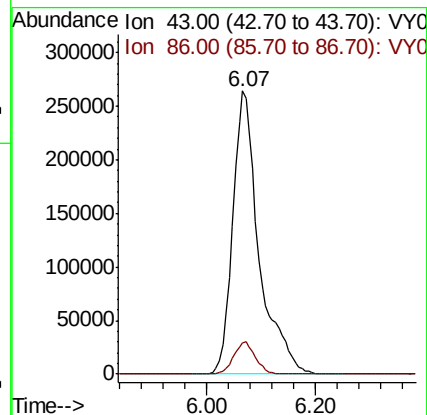
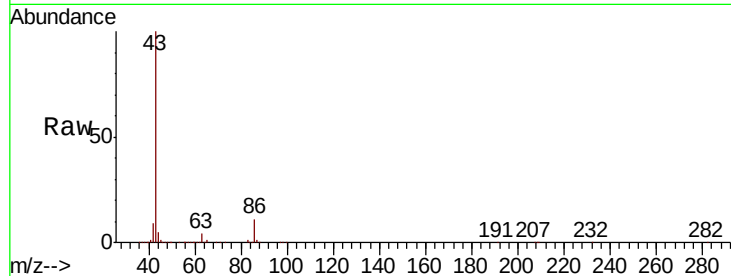
86 11.0 8.8 13.2

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#24

1,1-Dichloroethane

Concen: 20.924 ug/l

RT: 6.02 min Scan# 703

Delta R.T. 0.00 min

Lab File: VY003164.D

Acq: 10 Jul 2020 15:34

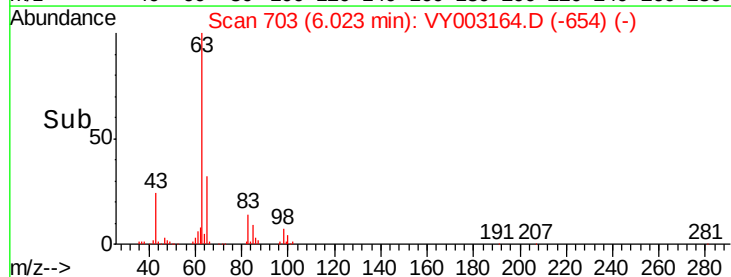
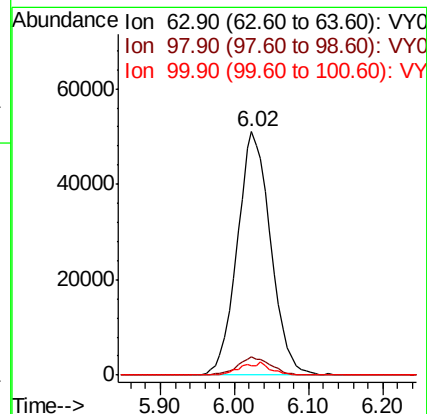
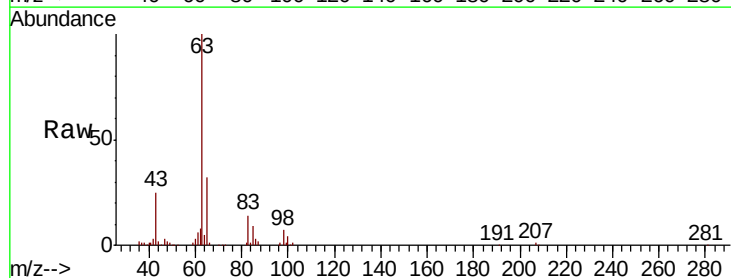
Tgt Ion: 63 Resp: 160202

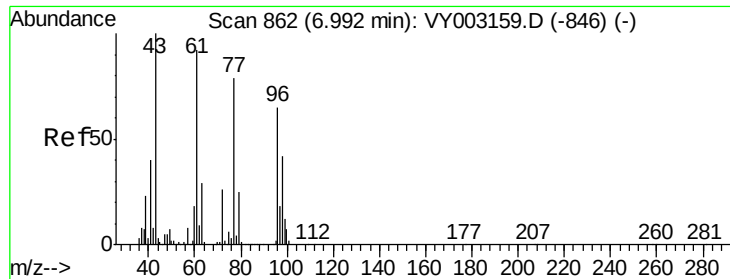
Ion Ratio Lower Upper

63 100

98 7.4 3.6 10.8

100 4.0 2.4 7.2





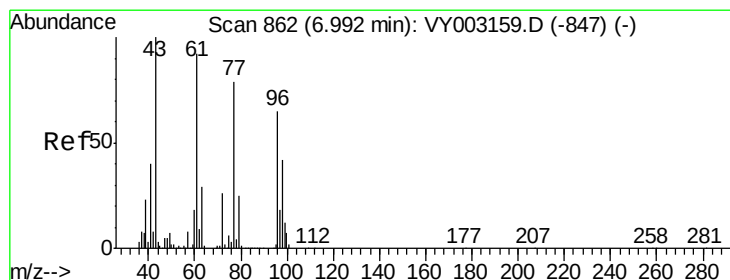
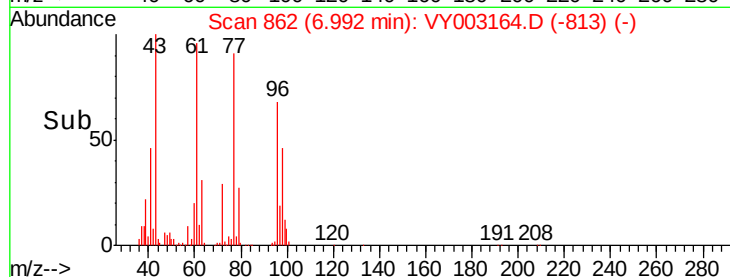
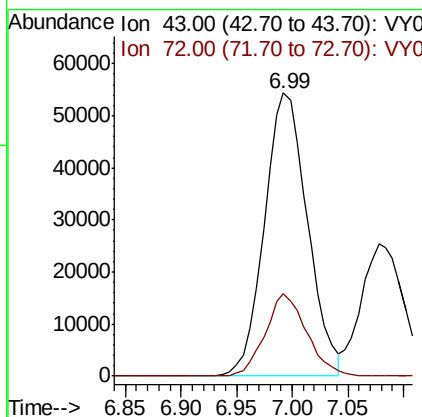
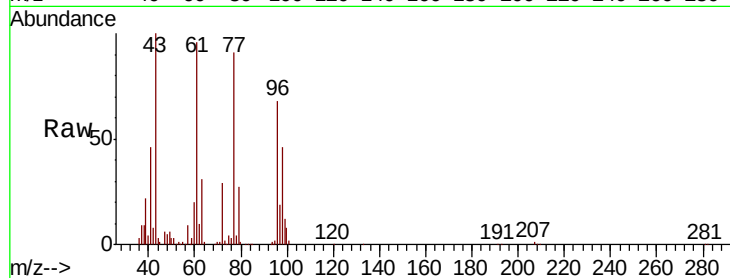
#25
2-Butanone
Concen: 98.233 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY003164.D
Acq: 10 Jul 2020 15:34

Instrument :
MSVOA_Y
ClientSampleId :
VY0710SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
72	29.3	20.9	31.3

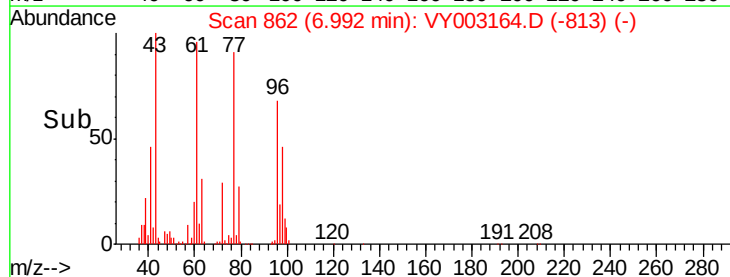
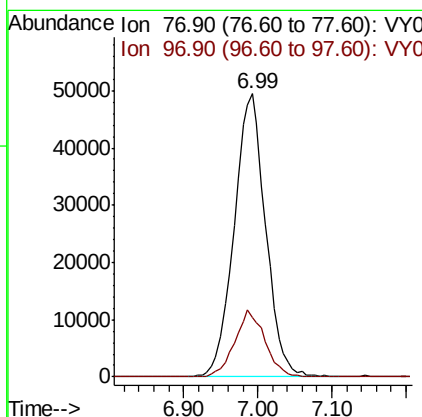
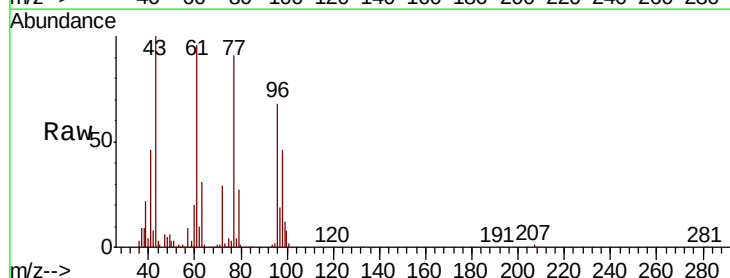
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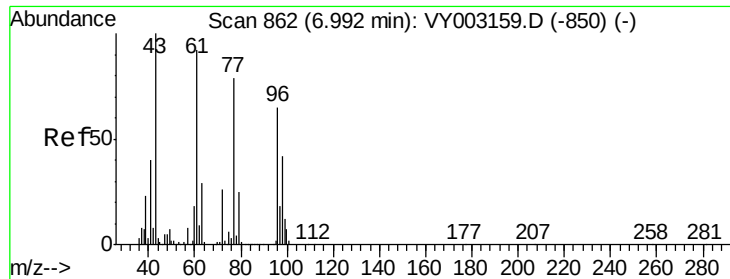
MMDadoda
7/13/2020 10:47:46 AM



#26
2,2-Dichloropropane
Concen: 21.245 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY003164.D
Acq: 10 Jul 2020 15:34

Tgt Ion	Ratio	Lower	Upper
77	100		
97	22.6	11.6	34.7





#27

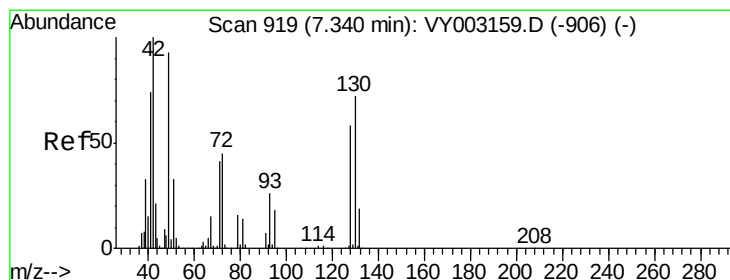
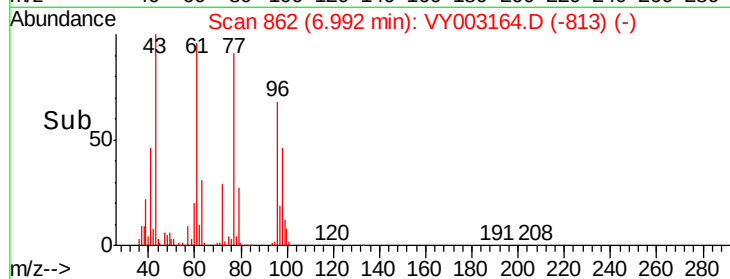
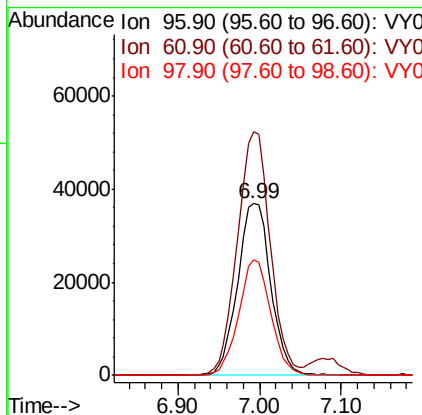
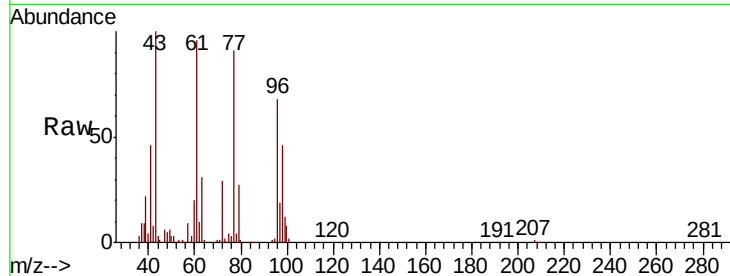
cis-1,2-Dichloroethene
Concen: 20.928 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY003164.D
Acq: 10 Jul 2020 15:34

Instrument :
MSVOA_Y
ClientSampleId :
VY0710SBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	140.3	0.0	281.2	
98	64.8	0.0	129.8	

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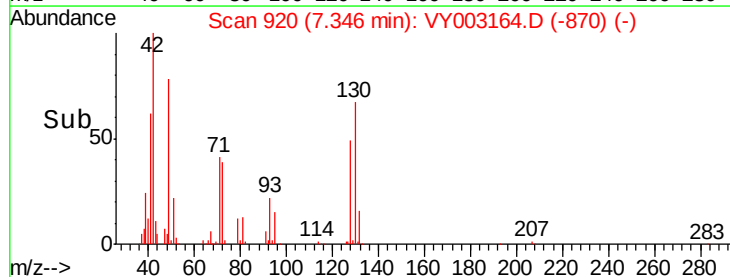
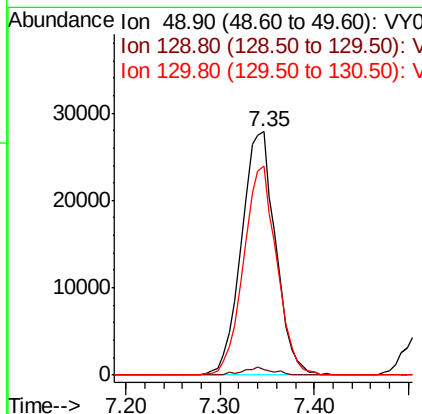
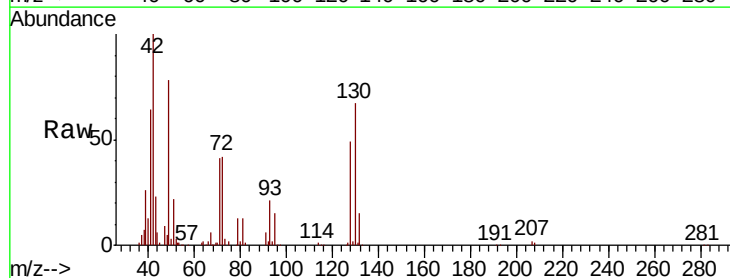
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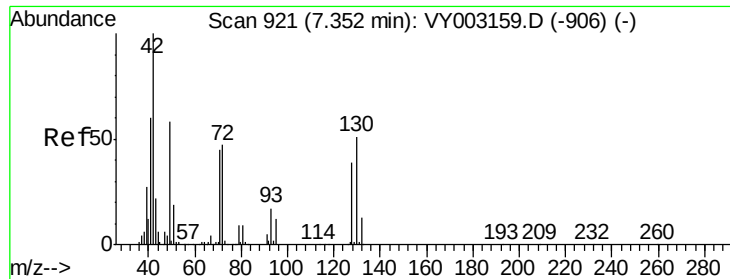


#28

Bromochloromethane
Concen: 21.362 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.01 min
Lab File: VY003164.D
Acq: 10 Jul 2020 15:34

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.8	0.0	5.0	
130	83.3	64.9	97.3	





#29

Tetrahydrofuran

Concen: 100.940 ug/l

RT: 7.36 min Scan# 922

Delta R.T. 0.01 min

Lab File: VY003164.D

Acq: 10 Jul 2020 15:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0710SBS01

Tot Ion: 42 Resp: 101229

Ion Ratio Lower Upper

42 100

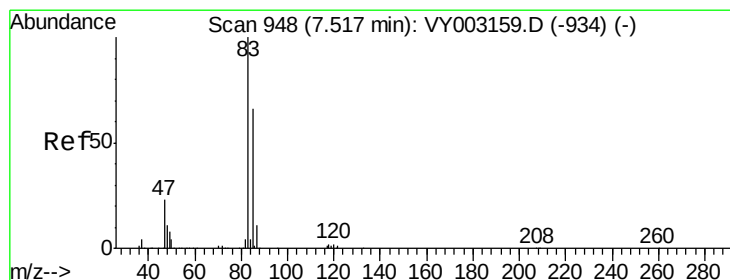
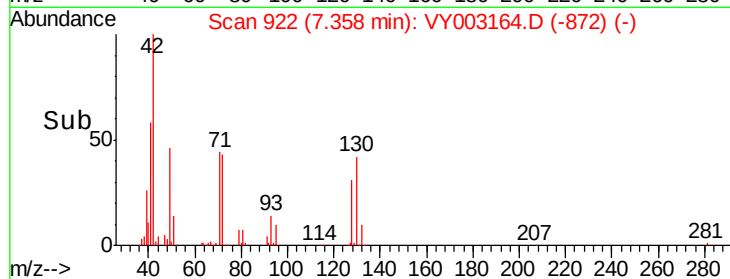
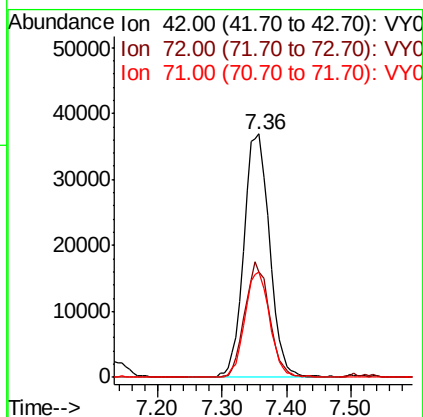
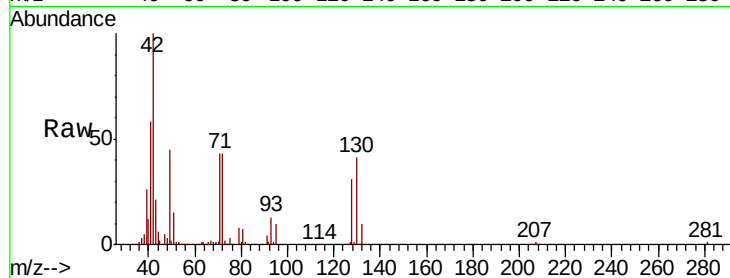
72 45.1 36.7 55.1

71 41.7 34.2 51.4

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#30

Chloroform

Concen: 20.855 ug/l

RT: 7.52 min Scan# 948

Delta R.T. 0.00 min

Lab File: VY003164.D

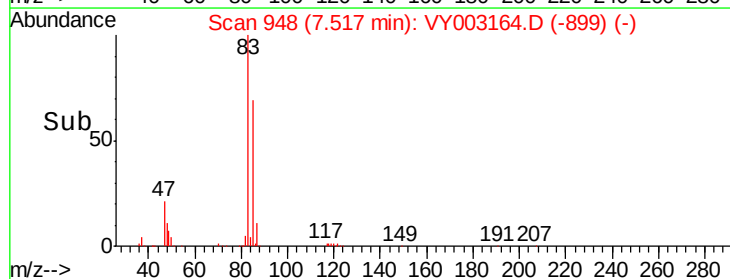
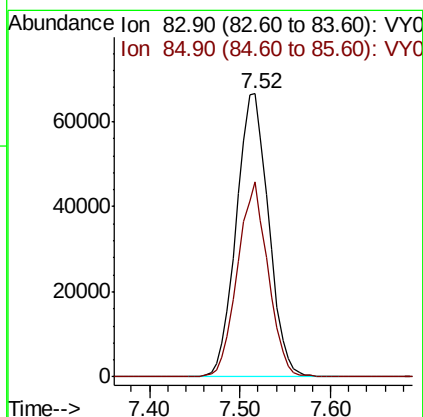
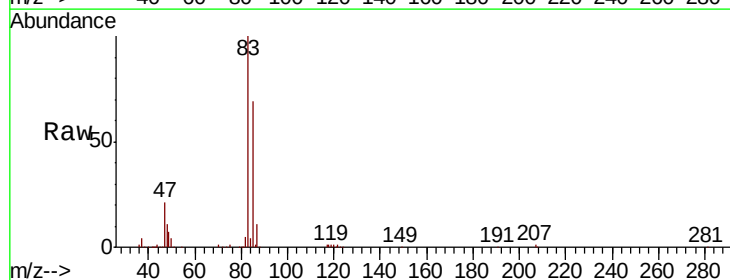
Acq: 10 Jul 2020 15:34

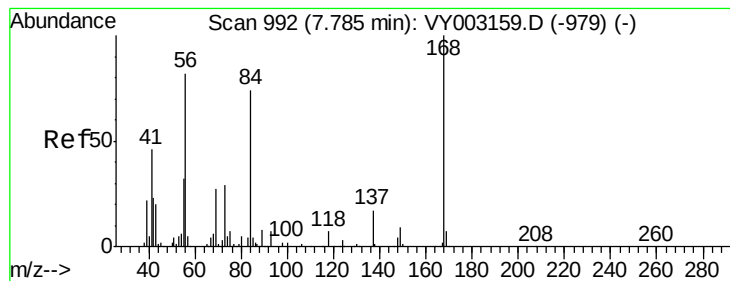
Tgt Ion: 83 Resp: 164458

Ion Ratio Lower Upper

83 100

85 69.1 52.6 78.8





#31

Cyclohexane

Concen: 20.658 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.01 min

Lab File: VY003164.D

Acq: 10 Jul 2020 15:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0710SBS01

Tot Ion: 56 Resp: 152947

Ion Ratio Lower Upper

56 100

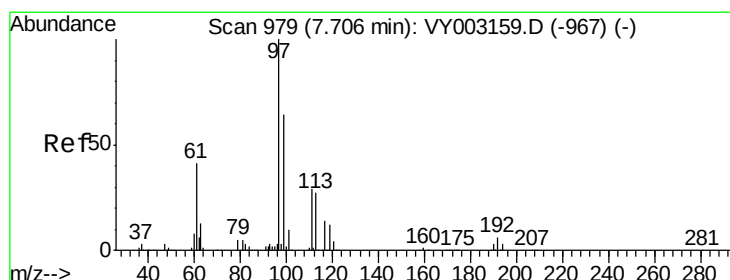
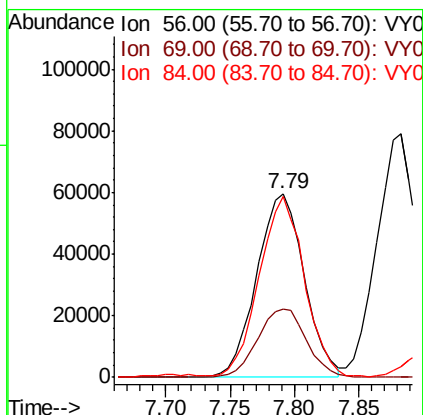
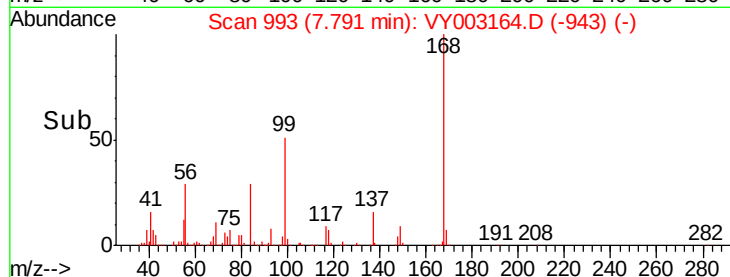
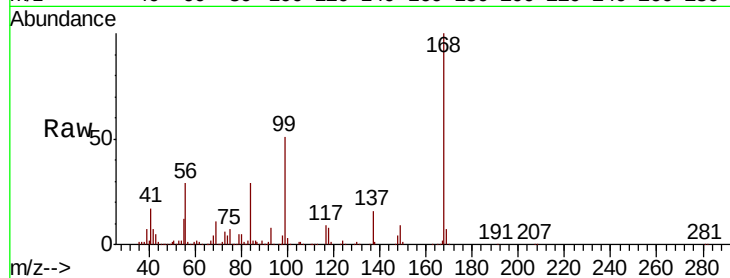
69 37.4 26.7 40.1

84 97.3 72.3 108.5

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#32

1,1,1-Trichloroethane

Concen: 20.941 ug/l

RT: 7.71 min Scan# 980

Delta R.T. 0.01 min

Lab File: VY003164.D

Acq: 10 Jul 2020 15:34

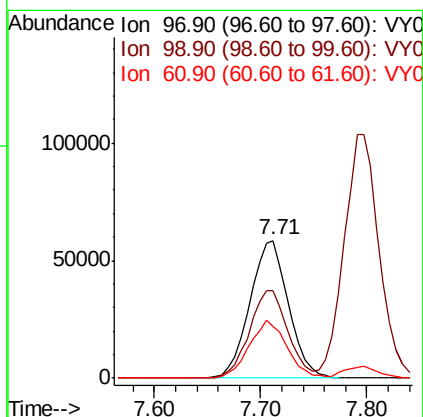
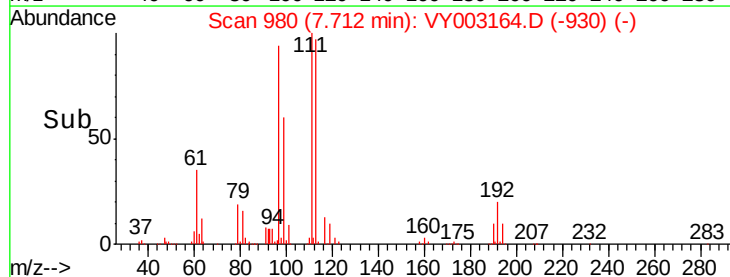
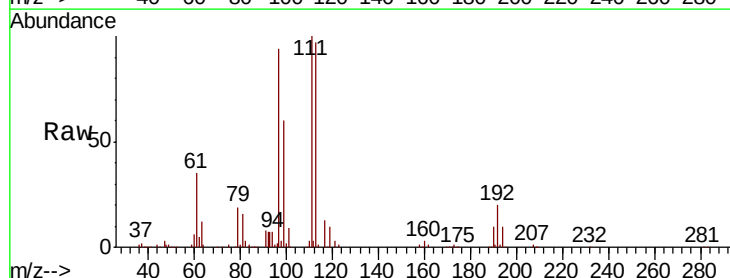
Tgt Ion: 97 Resp: 148664

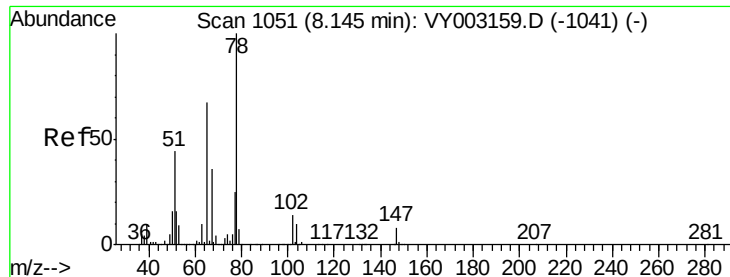
Ion Ratio Lower Upper

97 100

99 63.5 52.1 78.1

61 41.1 33.9 50.9





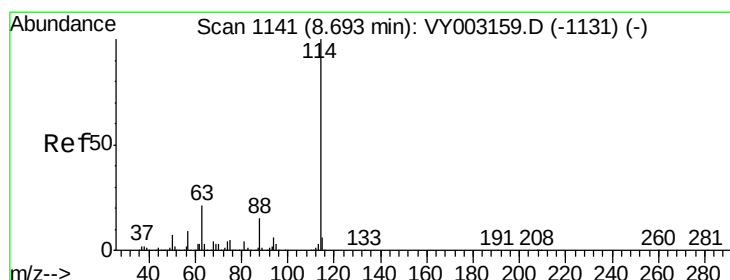
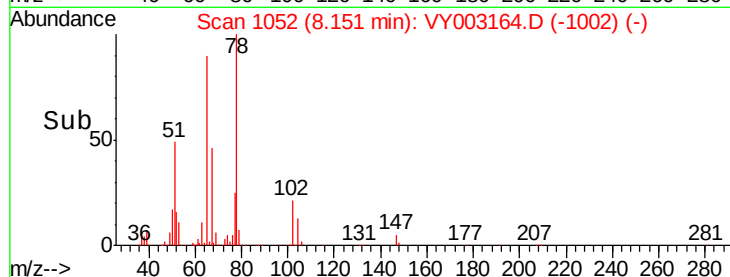
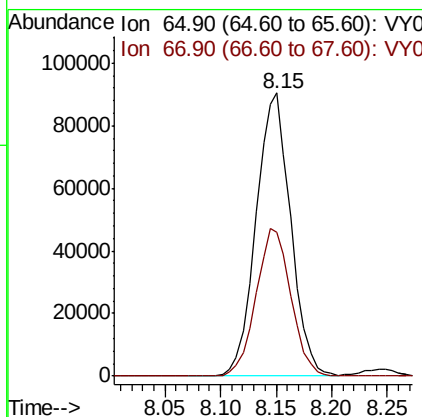
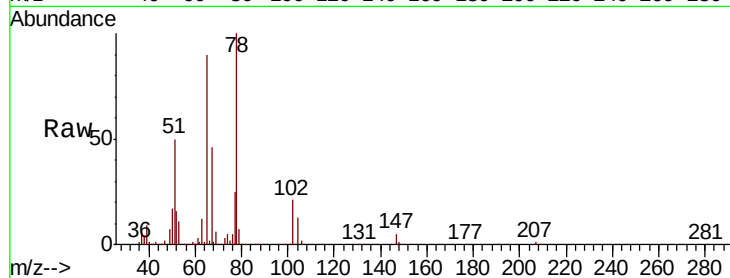
#33
 1,2-Dichloroethane-d4
 Concen: 47.985 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003164.D
 Acq: 10 Jul 2020 15:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0710SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	52.7	0.0	105.2	

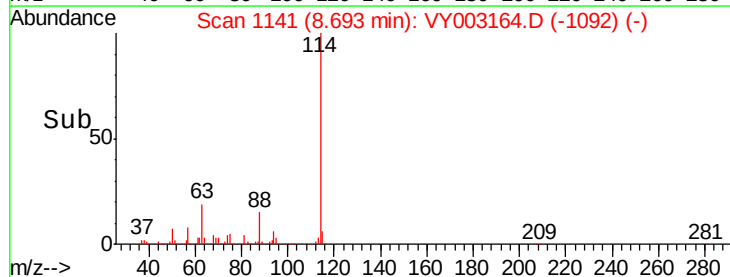
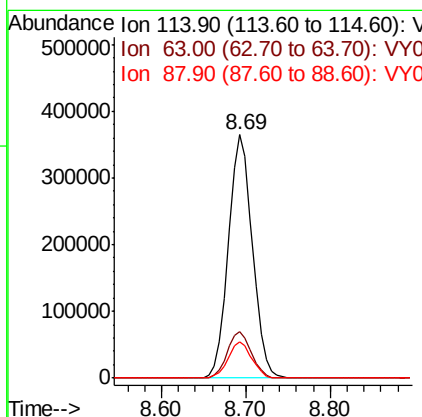
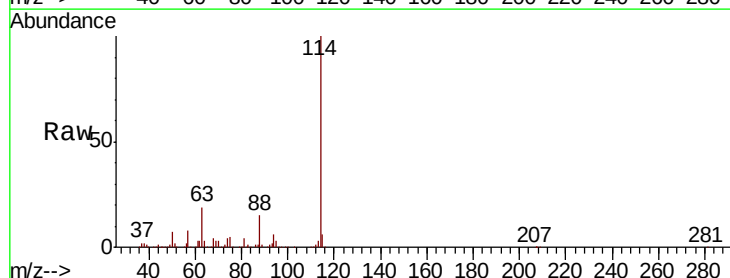
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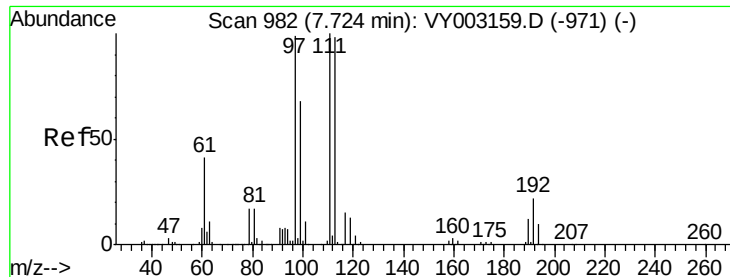
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003164.D
 Acq: 10 Jul 2020 15:34

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	19.0	0.0	41.2	
88	14.8	0.0	30.2	





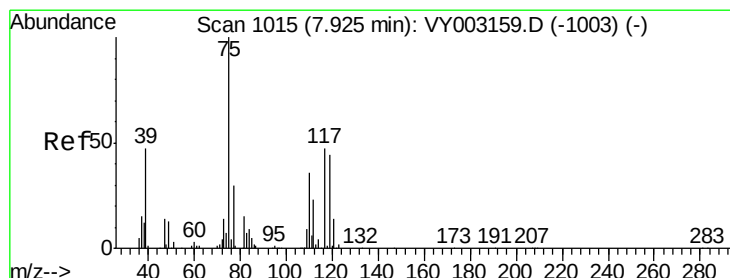
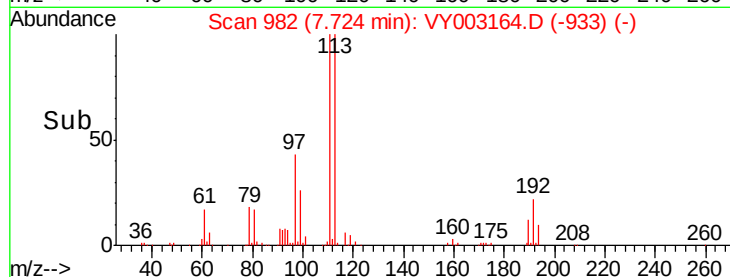
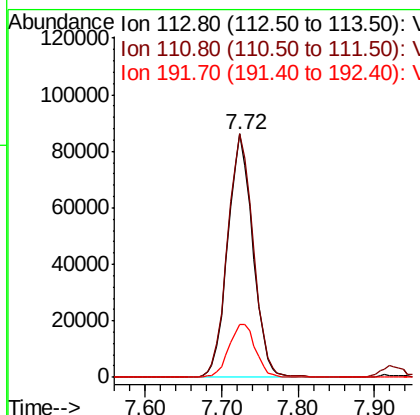
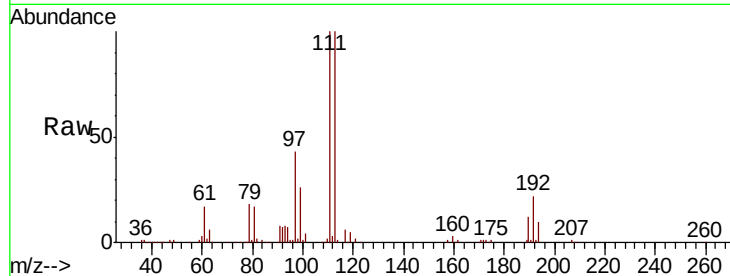
#35
 Dibromofluoromethane
 Concen: 48.066 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY003164.D
 Acq: 10 Jul 2020 15:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0710SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	194824		
111	103.0	82.1	123.1	
192	23.2	18.8	28.2	

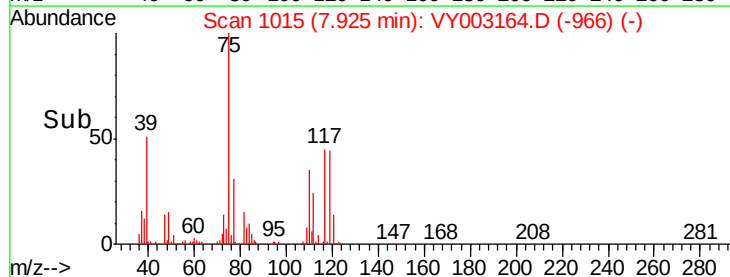
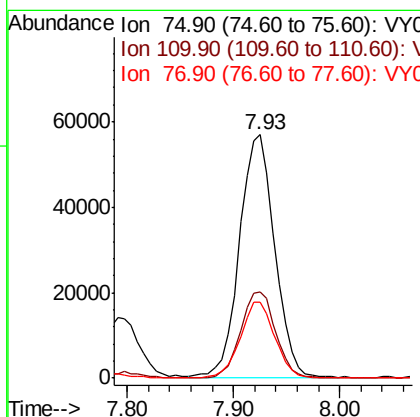
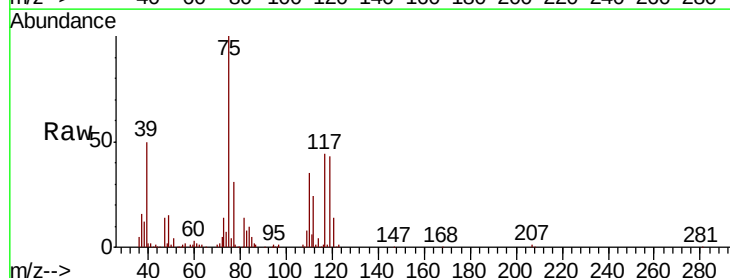
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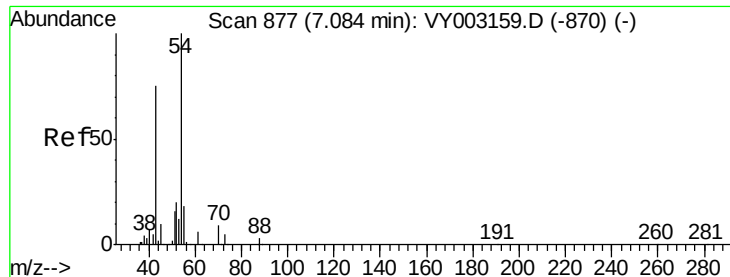
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#36
 1,1-Dichloropropene
 Concen: 20.603 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: VY003164.D
 Acq: 10 Jul 2020 15:34

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	131522		
110	35.5	18.1	54.1	
77	31.2	24.8	37.2	





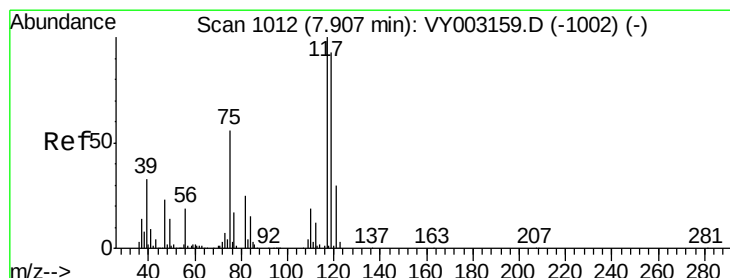
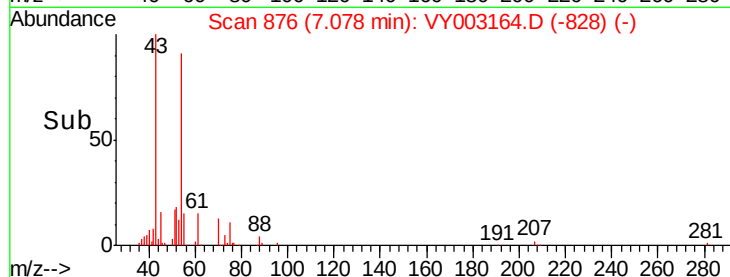
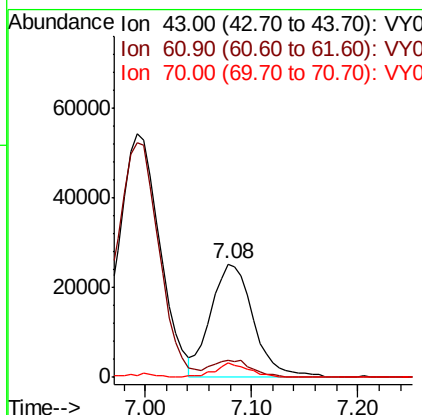
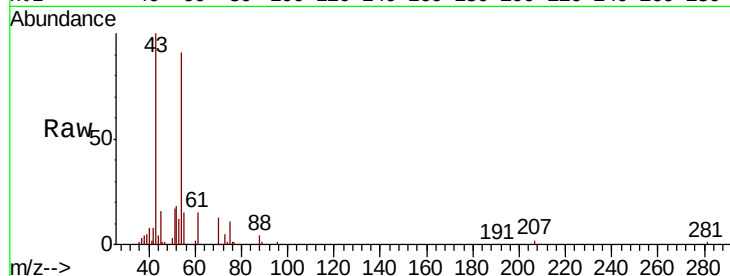
#37
Ethyl Acetate
Concen: 20.267 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY003164.D
Acq: 10 Jul 2020 15:34

Instrument :
MSVOA_Y
ClientSampleId :
VY0710SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.1	11.8	17.6
70	10.3	8.6	13.0

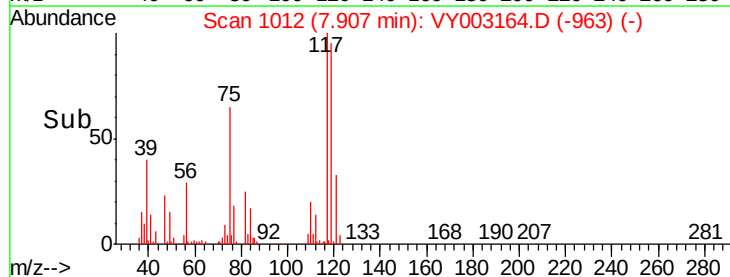
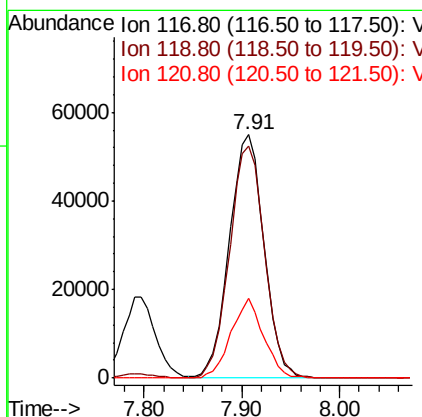
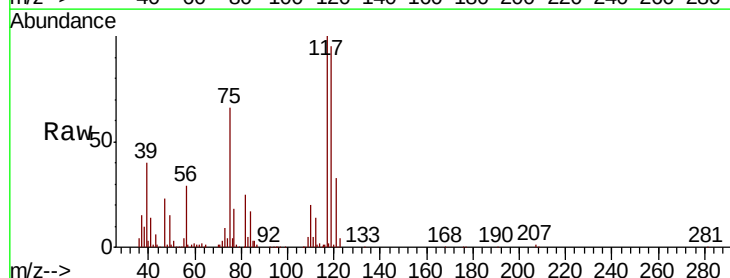
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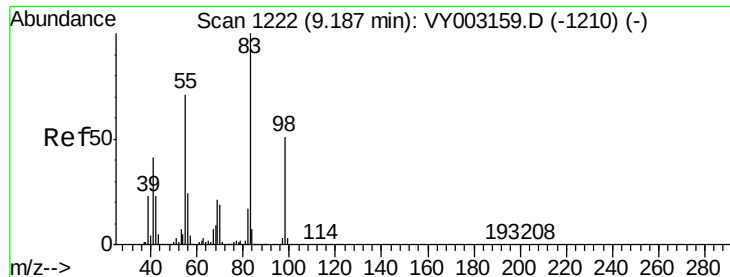
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#38
Carbon Tetrachloride
Concen: 20.507 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY003164.D
Acq: 10 Jul 2020 15:34

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.2	74.5	111.7
121	32.6	24.2	36.2





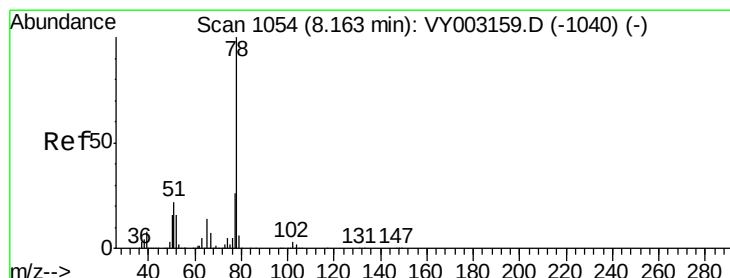
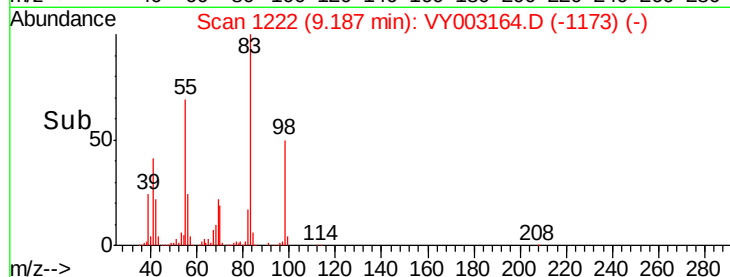
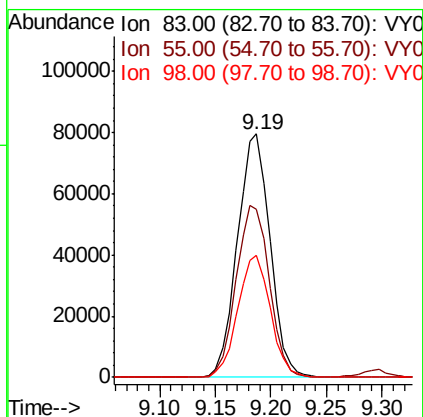
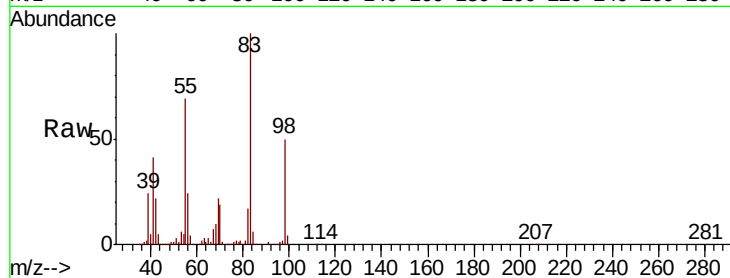
#39
Methylvlcyclohexane
Concen: 20.192 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY003164.D
Acq: 10 Jul 2020 15:34

Instrument :
MSVOA_Y
ClientSampleId :
VY0710SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	69.2	57.2	85.8
98	50.4	41.0	61.6

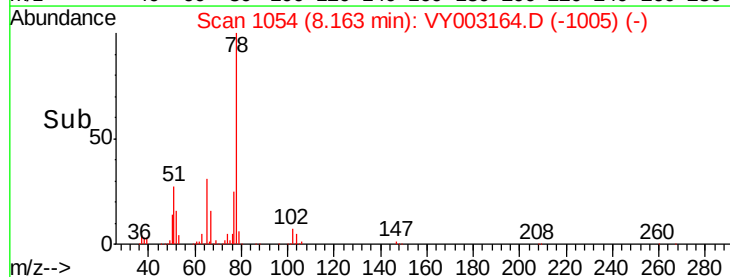
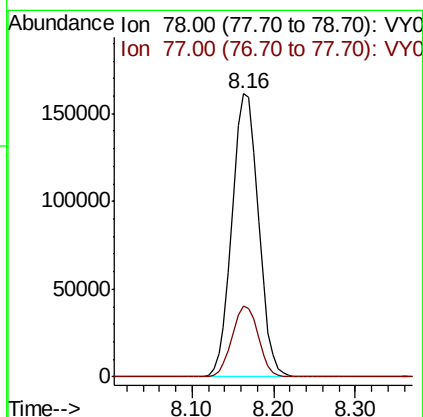
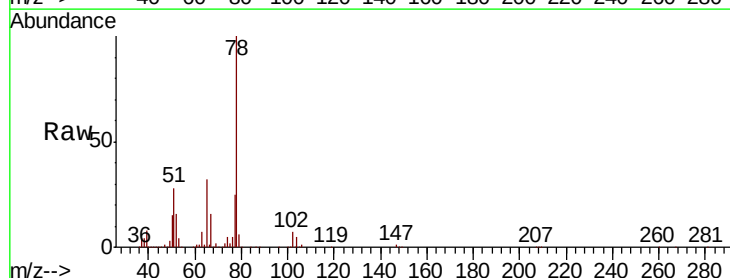
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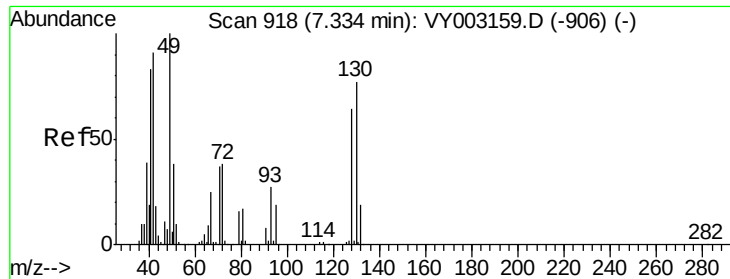
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#40
Benzene
Concen: 20.540 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VY003164.D
Acq: 10 Jul 2020 15:34

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.1	20.7	31.1





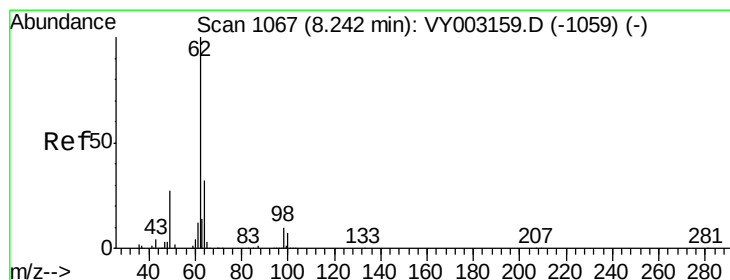
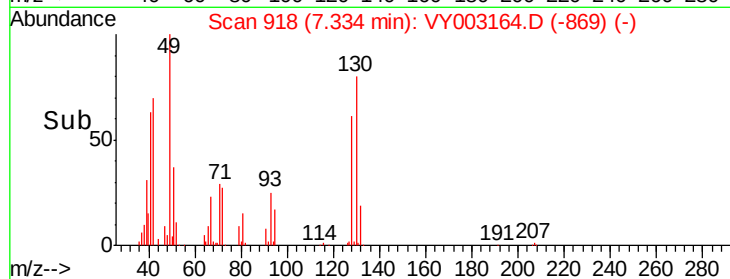
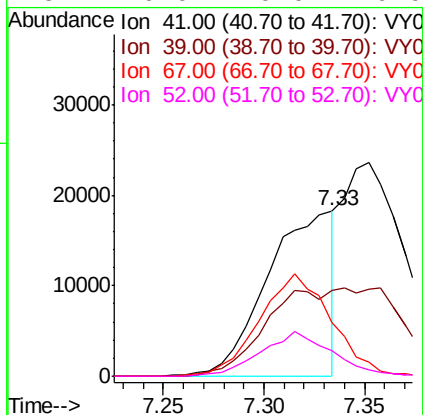
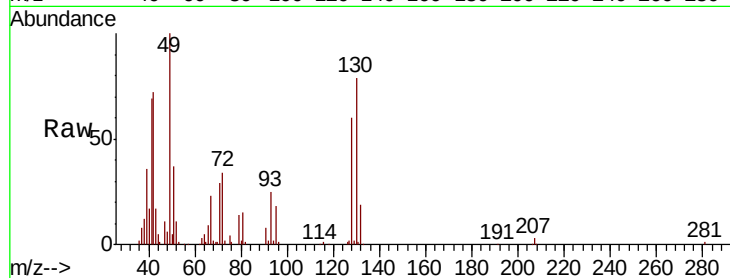
#41
Methacrylonitrile
Concen: 20.449 ug/l m
RT: 7.33 min Scan# 918
Delta R.T. 0.00 min
Lab File: VY003164.D
Acq: 10 Jul 2020 15:34

Instrument :
MSVOA_Y
ClientSampleId :
VY0710SBS01

Tot Ion	41	Resp	42340
Ion	Ratio	Lower	Upper
41	100		
39	0.0	83.3	124.9#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

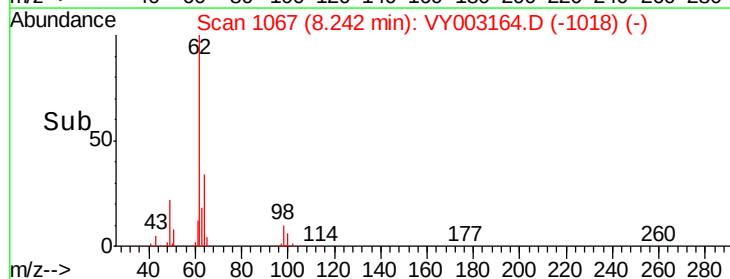
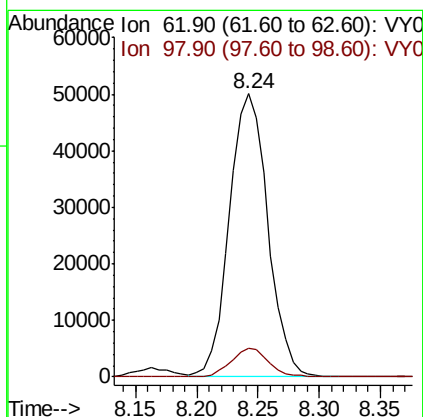
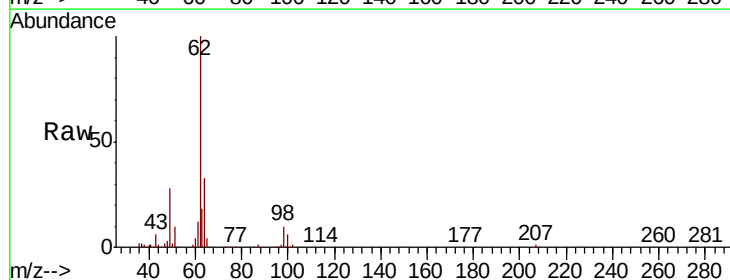
Manual Integrations
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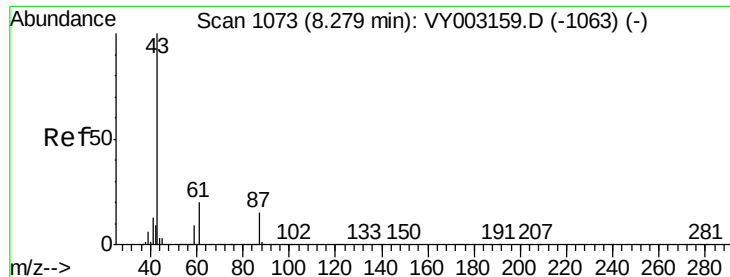
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#42
1,2-Dichloroethane
Concen: 20.172 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY003164.D
Acq: 10 Jul 2020 15:34

Tgt Ion	62	Resp	109155
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.0





#43

Isopropyl Acetate

Concen: 19.477 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VY003164.D

Acq: 10 Jul 2020 15:34

Instrument :

MSVOA_Y

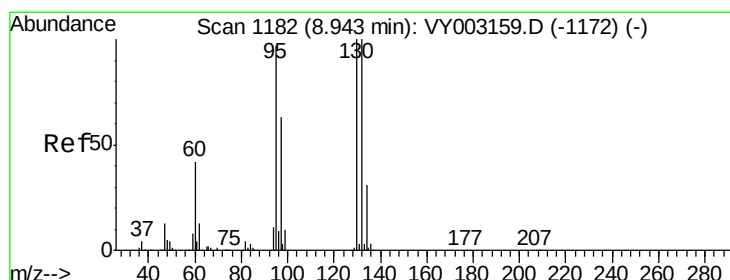
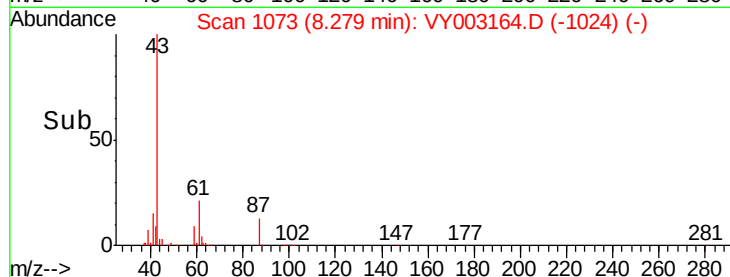
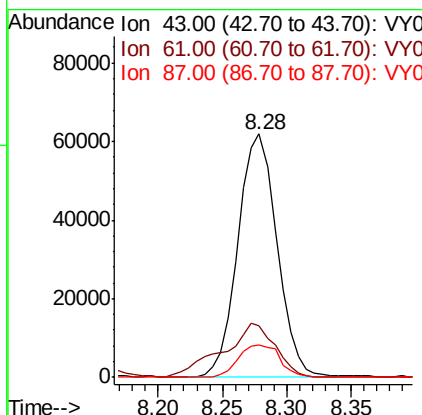
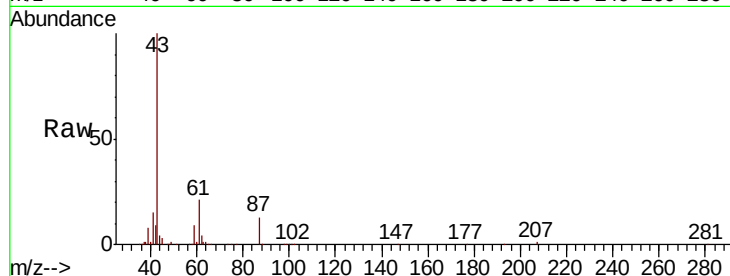
ClientSampleId :

VY0710SBS01

Tot Ion:	43	Resp:	129603
Ion	Ratio	Lower	Upper
43	100		
61	30.0	23.7	35.5
87	14.3	11.4	17.0

Manual Integrations
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#44

Trichloroethene

Concen: 20.217 ug/l

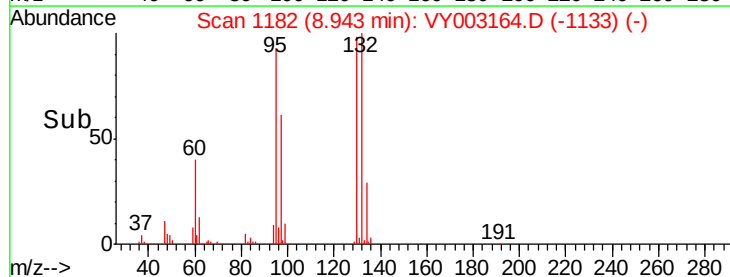
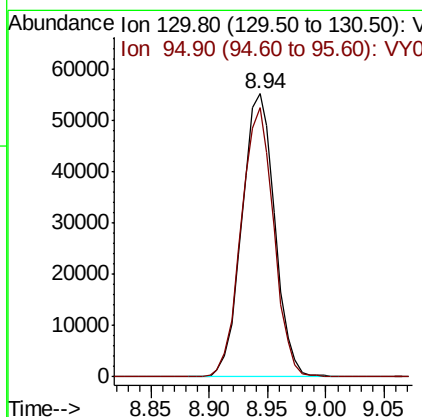
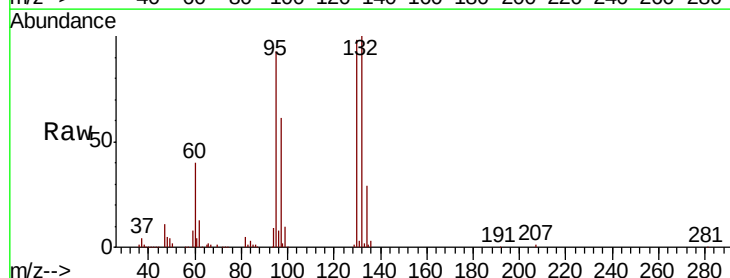
RT: 8.94 min Scan# 1182

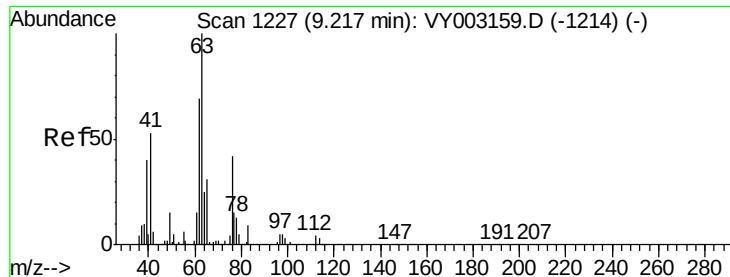
Delta R.T. 0.00 min

Lab File: VY003164.D

Acq: 10 Jul 2020 15:34

Tgt Ion:	130	Resp:	108935
Ion	Ratio	Lower	Upper
130	100		
95	94.9	0.0	193.8





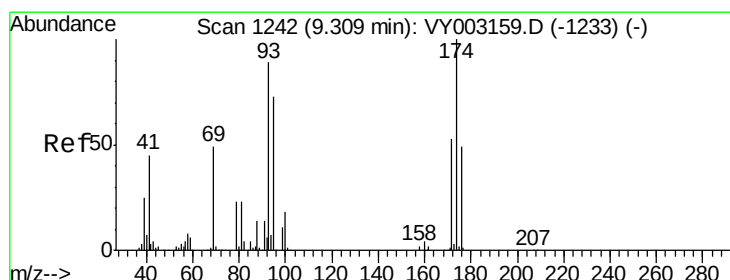
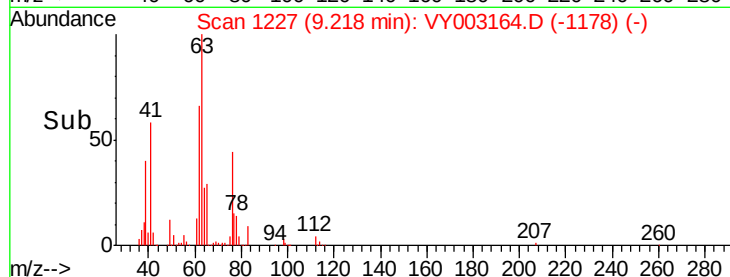
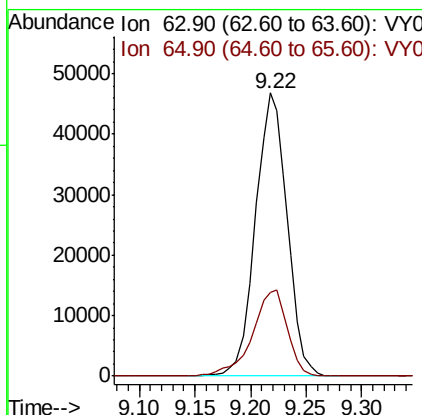
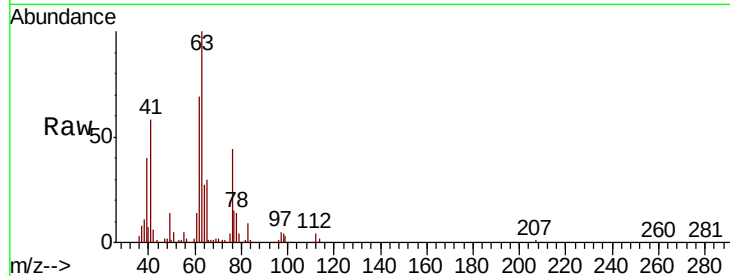
#45
 1,2-Dichloropropane
 Concen: 20.427 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY003164.D
 Acq: 10 Jul 2020 15:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0710SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.6	25.0	37.4

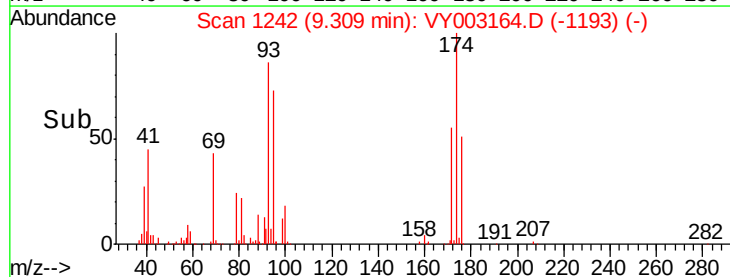
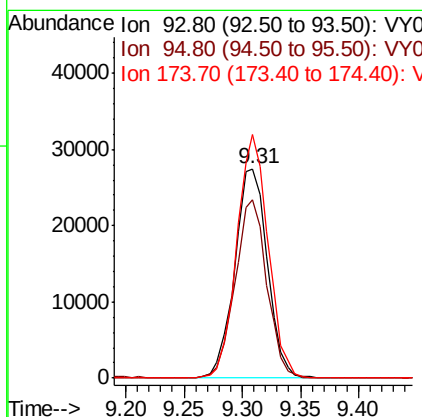
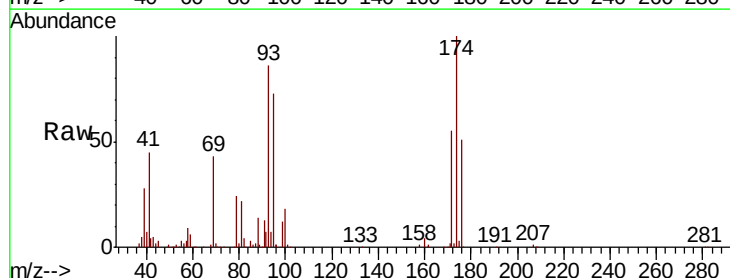
Manual Integrations
 APPROVED

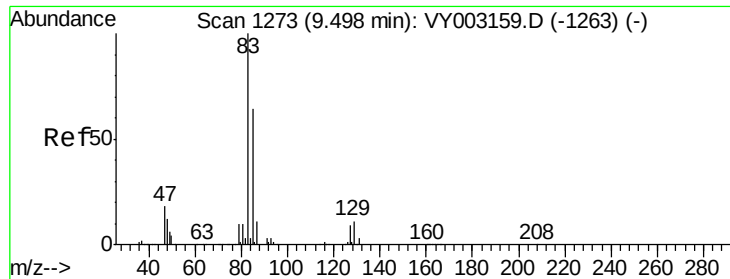
MMDadoda
 7/13/2020 10:47:46 AM



#46
 Dibromomethane
 Concen: 20.254 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY003164.D
 Acq: 10 Jul 2020 15:34

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.7	66.6	99.8
174	111.1	90.2	135.4





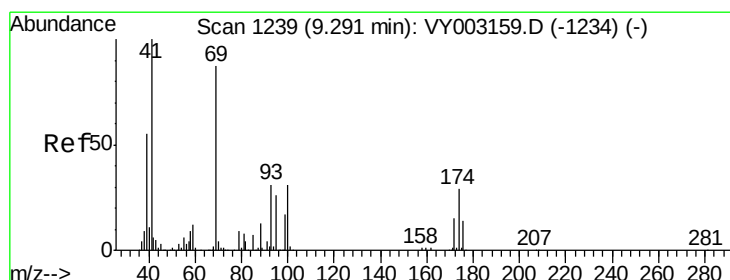
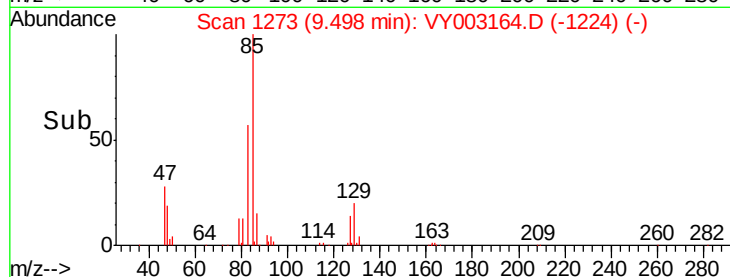
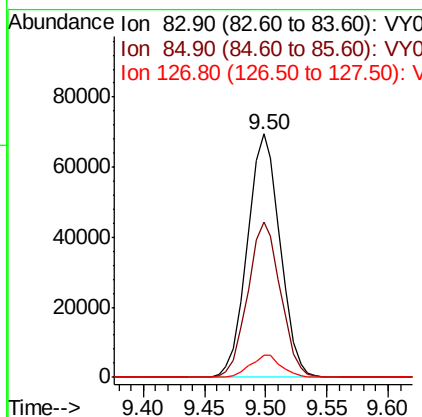
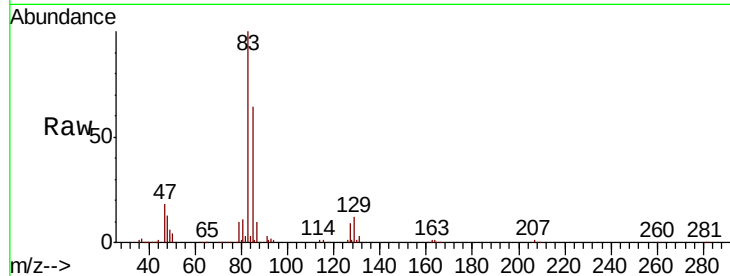
#47
Bromodichloromethane
Concen: 20.486 ug/l
RT: 9.50 min Scan# 1273
Delta R.T. 0.00 min
Lab File: VY003164.D
Acq: 10 Jul 2020 15:34

Instrument :
MSVOA_Y
ClientSampleId :
VY0710SBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	129426		
85	63.9	50.9	76.3	
127	9.1	7.0	10.4	

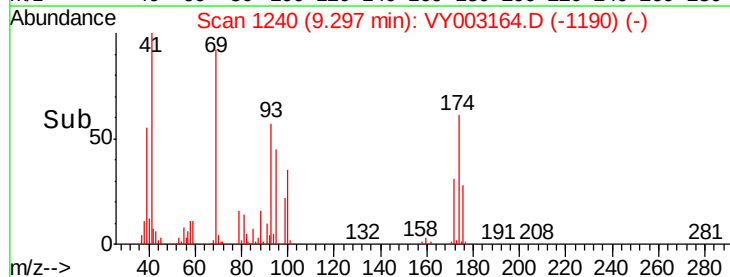
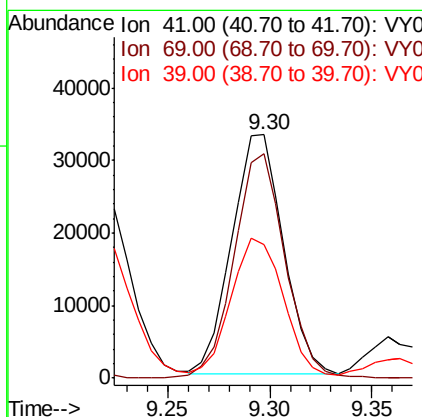
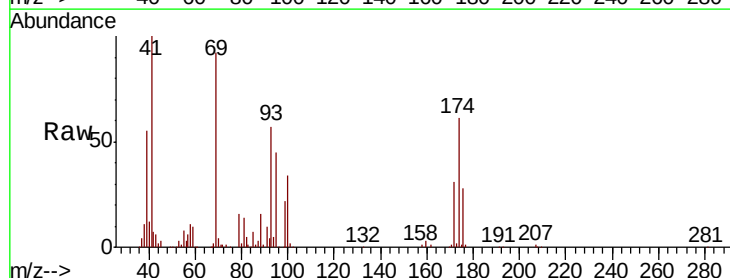
Manual Integrations
APPROVED

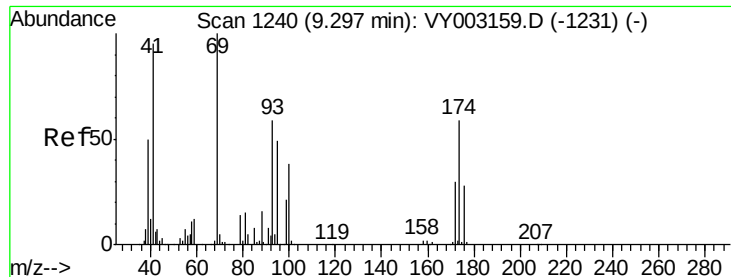
MMDadoda
7/13/2020 10:47:46 AM



#48
Methyl methacrylate
Concen: 19.440 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. 0.01 min
Lab File: VY003164.D
Acq: 10 Jul 2020 15:34

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	57830		
69	93.3	74.5	111.7	
39	57.9	47.5	71.3	





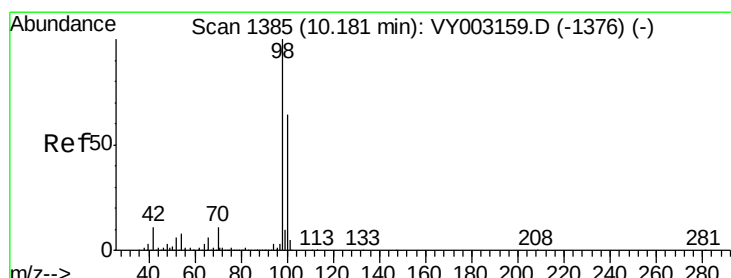
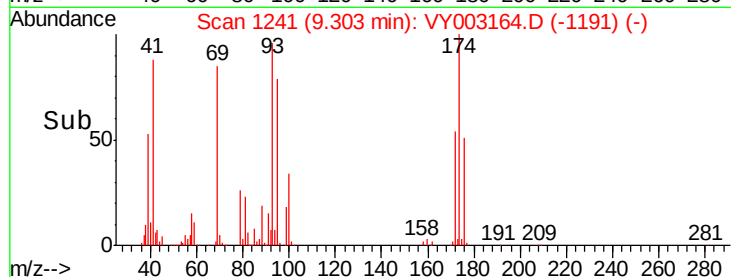
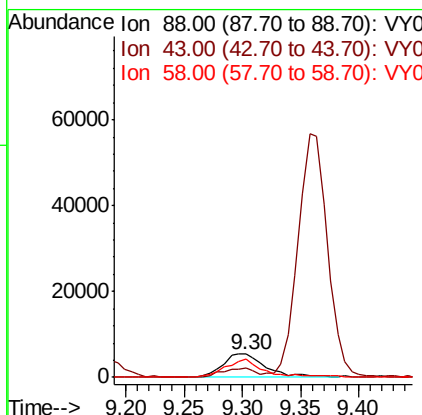
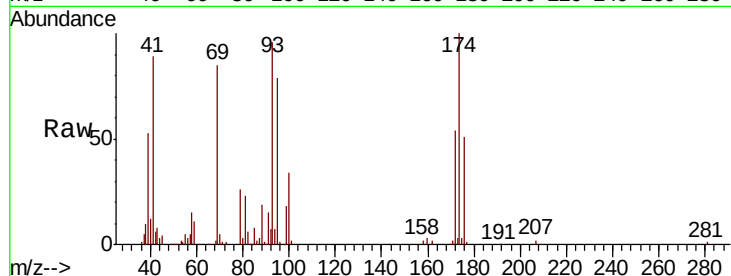
#49
1,4-Dioxane
Concen: 418.161 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VY003164.D
Acq: 10 Jul 2020 15:34

Instrument :
MSVOA_Y
ClientSampleId :
VY0710SBS01

Tot Ion	88	Resp	14098
Ion Ratio	Lower	Upper	
88	100		
43	29.9	25.6	38.4
58	63.6	47.8	71.6

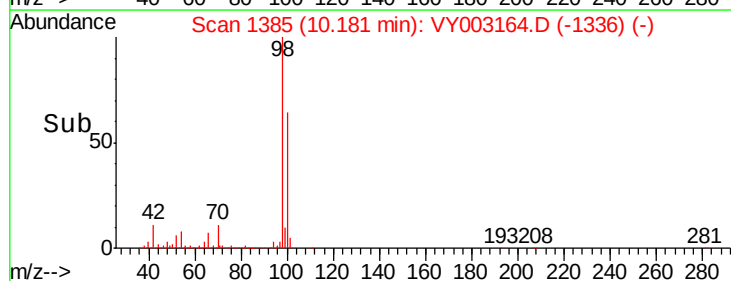
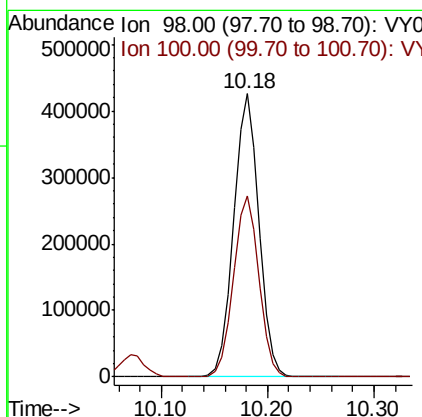
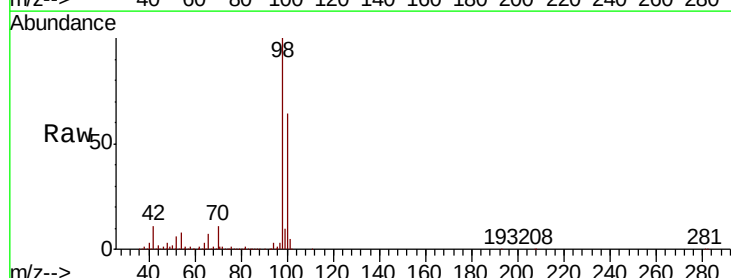
Manual Integrations
APPROVED

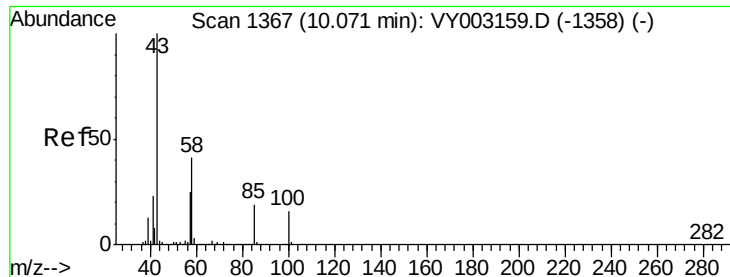
MMDadoda
7/13/2020 10:47:46 AM



#50
Toluene-d8
Concen: 47.018 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY003164.D
Acq: 10 Jul 2020 15:34

Tgt Ion	98	Resp	708541
Ion Ratio	Lower	Upper	
98	100		
100	64.5	50.7	76.1





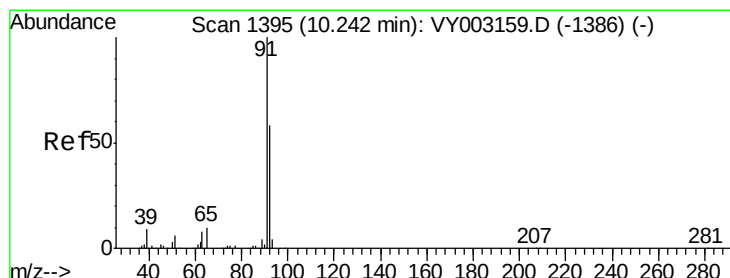
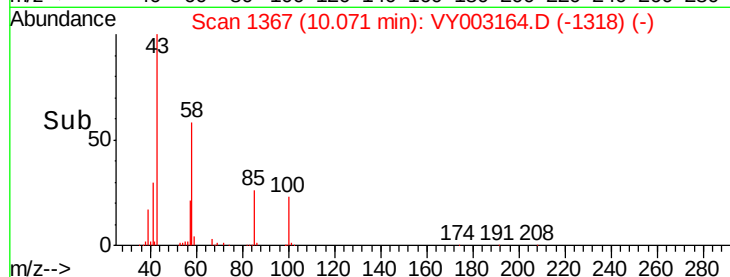
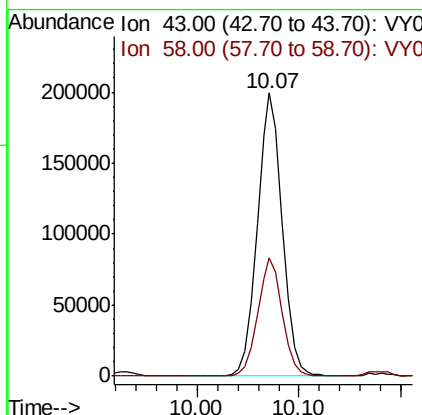
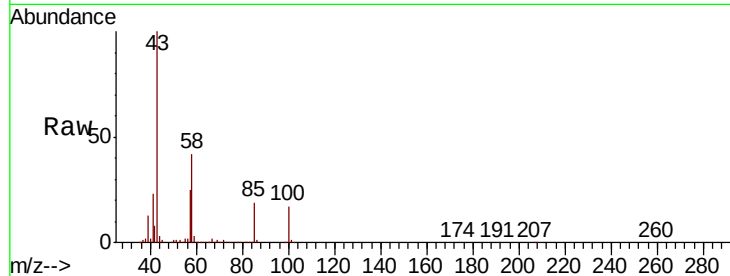
#51
4-Methyl-2-Pentanone
Concen: 97.565 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VY003164.D
Acq: 10 Jul 2020 15:34

Instrument :
MSVOA_Y
ClientSampleId :
VY0710SBS01

Tot Ion: 43 Resp: 337447
Ion Ratio Lower Upper
43 100
58 41.1 32.7 49.1

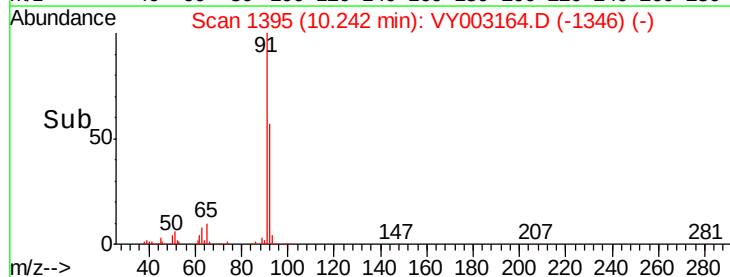
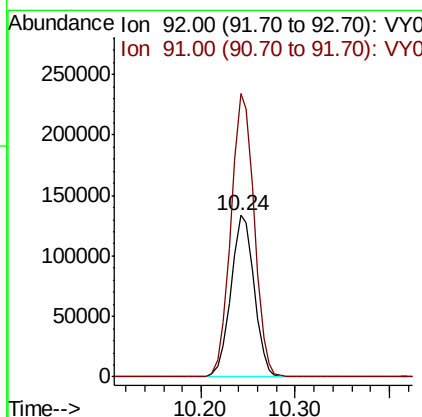
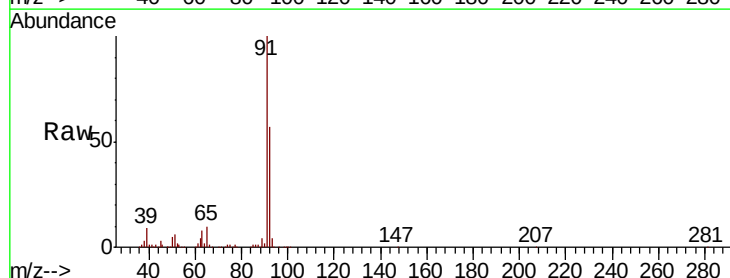
Manual Integrations
APPROVED

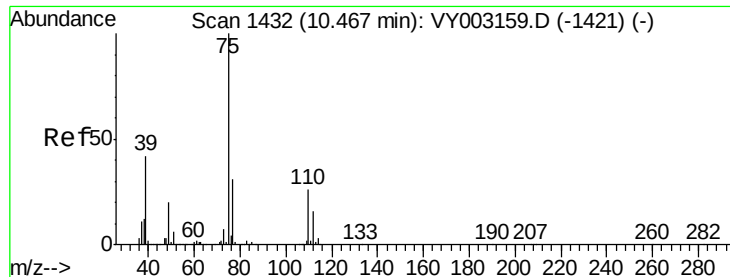
MMDadoda
7/13/2020 10:47:46 AM



#52
Toluene
Concen: 20.433 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. 0.00 min
Lab File: VY003164.D
Acq: 10 Jul 2020 15:34

Tgt Ion: 92 Resp: 229555
Ion Ratio Lower Upper
92 100
91 174.8 139.7 209.5





#53

t-1,3-Dichloropropene

Concen: 20.063 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY003164.D

Acq: 10 Jul 2020 15:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0710SBS01

Tot Ion: 75 Resp: 131328

Ion Ratio Lower Upper

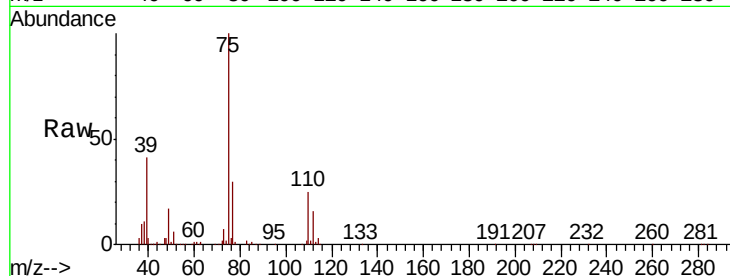
75 100

77 29.7 25.2 37.8

Manual Integrations
APPROVED

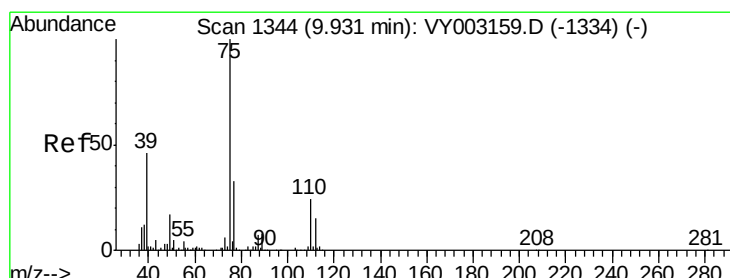
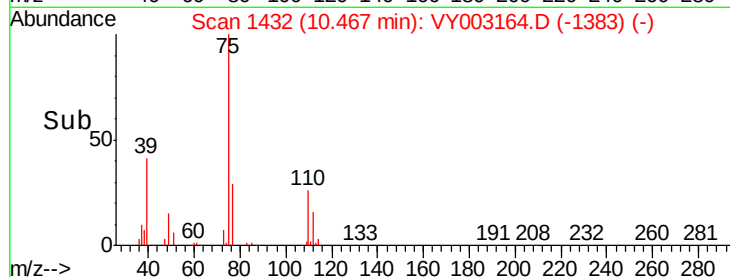
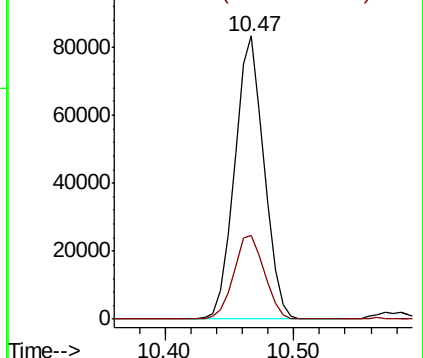
MMDadoda

7/13/2020 10:47:46 AM



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 19.871 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY003164.D

Acq: 10 Jul 2020 15:34

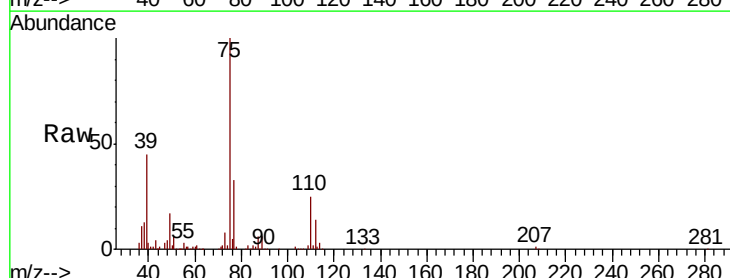
Tgt Ion: 75 Resp: 149866

Ion Ratio Lower Upper

75 100

77 32.6 26.7 40.1

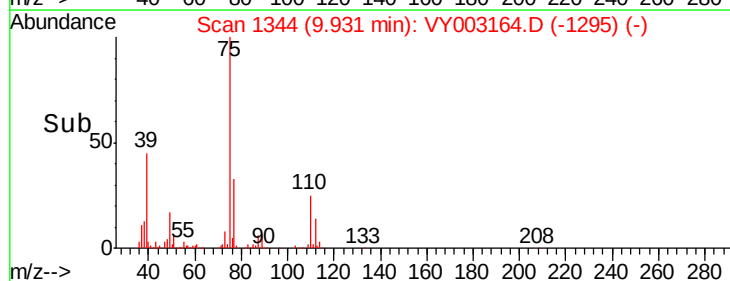
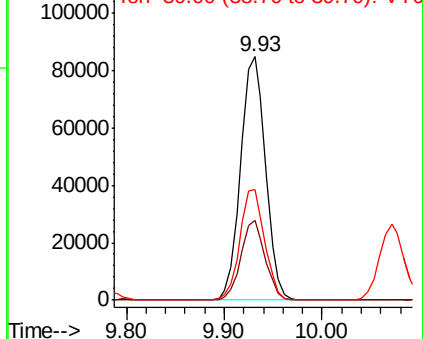
39 45.2 37.0 55.6

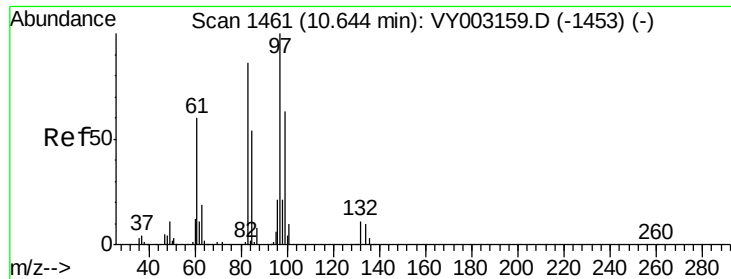


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0





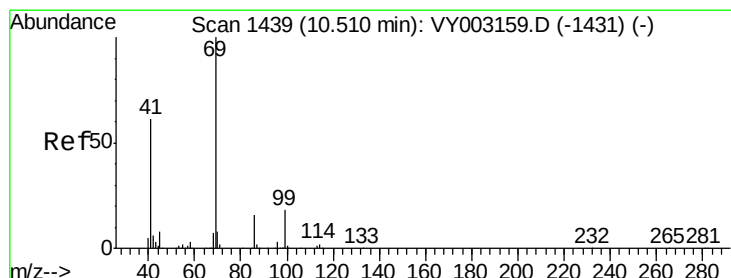
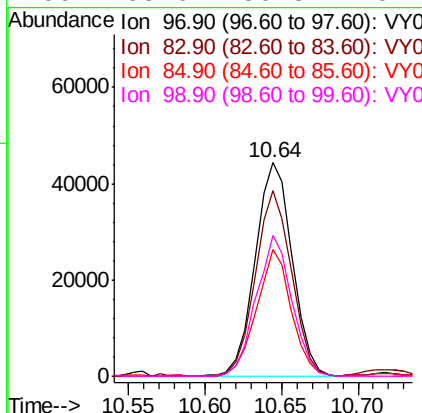
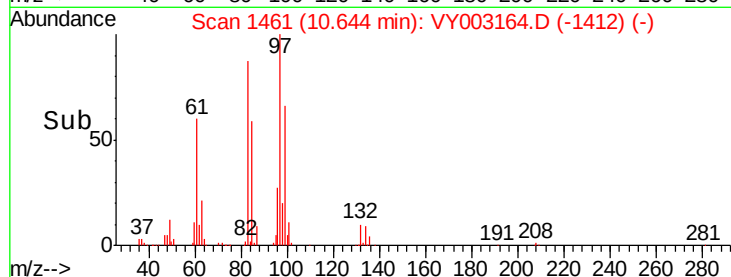
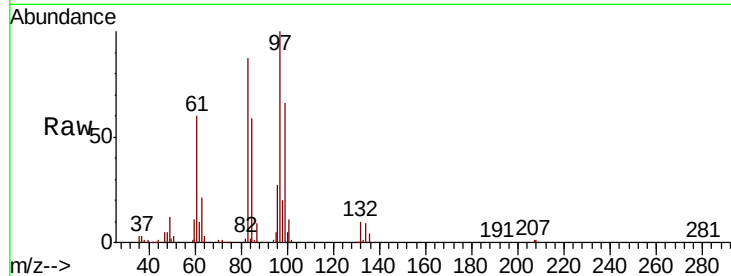
#55
 1,1,2-Trichloroethane
 Concen: 19.917 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY003164.D
 Acq: 10 Jul 2020 15:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0710SBS01

Tot Ion:	97	Resp:	74971
Ion	Ratio	Lower	Upper
97	100		
83	86.6	68.8	103.2
85	59.4	43.1	64.7
99	65.6	50.8	76.2

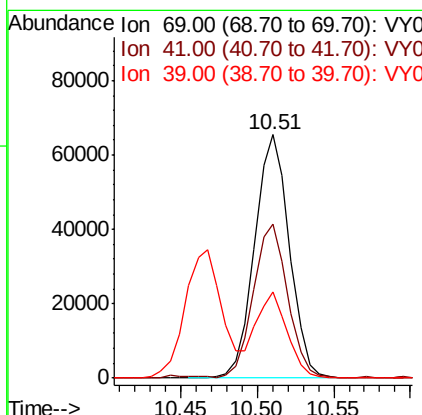
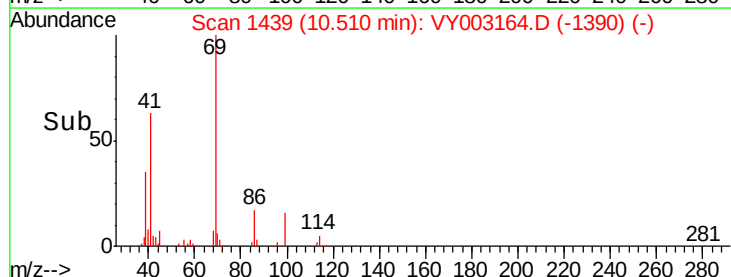
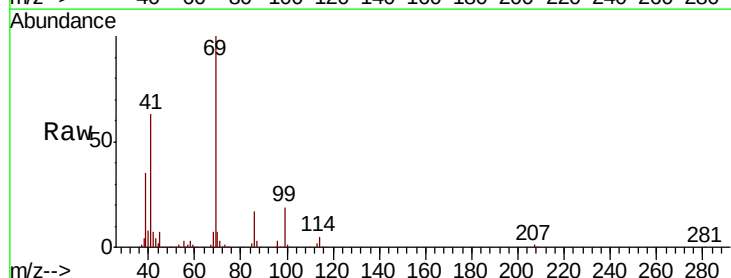
Manual Integrations
 APPROVED

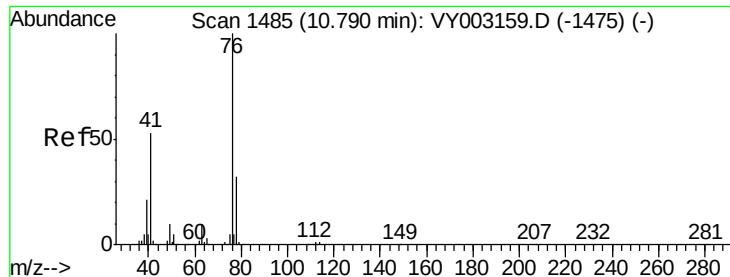
MMDadoda
 7/13/2020 10:47:46 AM



#56
 Ethyl methacrylate
 Concen: 20.206 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY003164.D
 Acq: 10 Jul 2020 15:34

Tgt Ion:	69	Resp:	103407
Ion	Ratio	Lower	Upper
69	100		
41	62.1	50.0	75.0
39	33.8	27.6	41.4





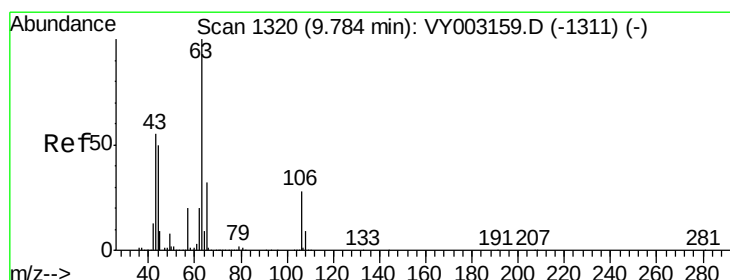
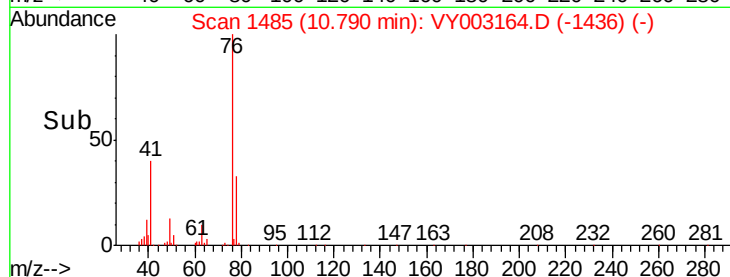
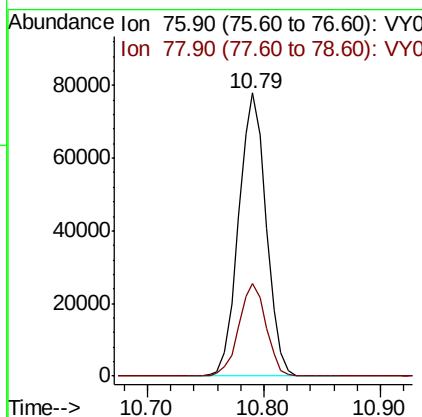
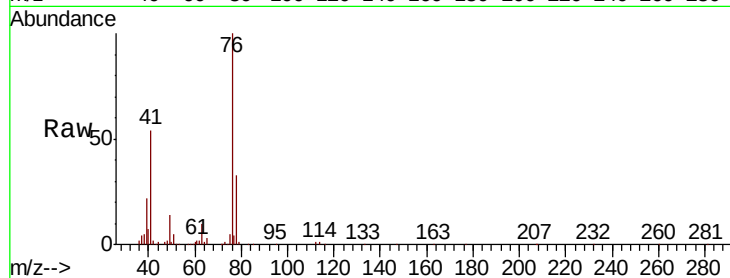
#57
 1,3-Dichloropropane
 Concen: 20.077 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VY003164.D
 Acq: 10 Jul 2020 15:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0710SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.5	26.0	39.0

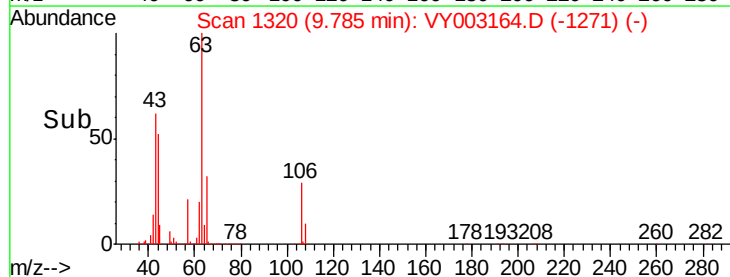
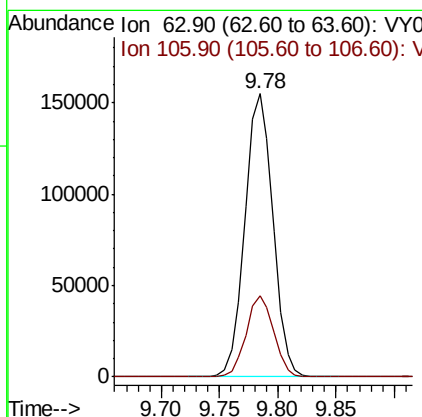
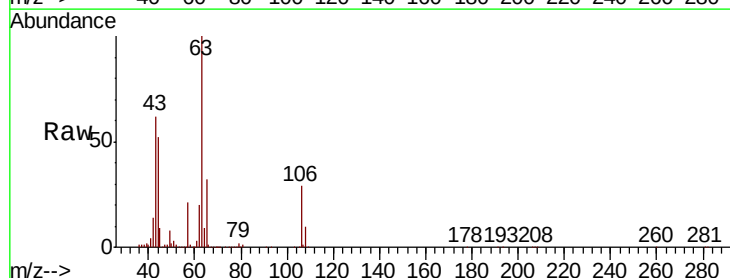
Manual Integrations
 APPROVED

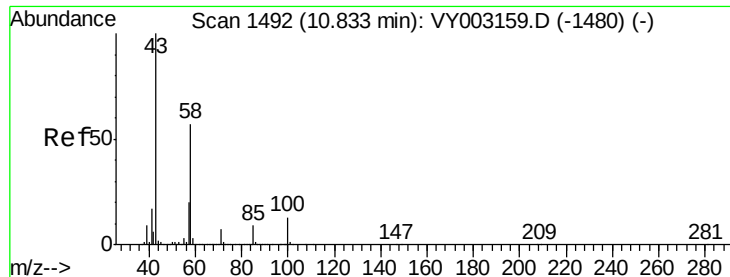
MMDadoda
 7/13/2020 10:47:46 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 99.832 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: VY003164.D
 Acq: 10 Jul 2020 15:34

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.2	22.9	34.3





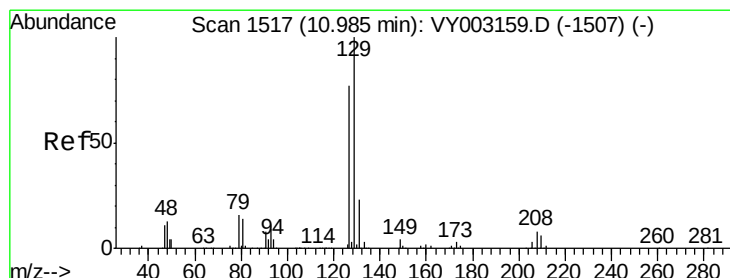
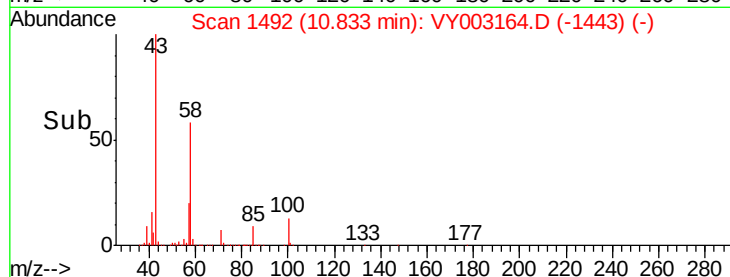
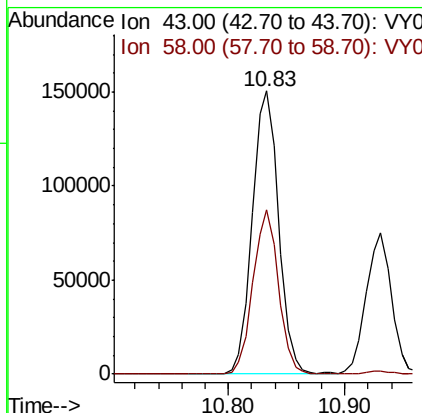
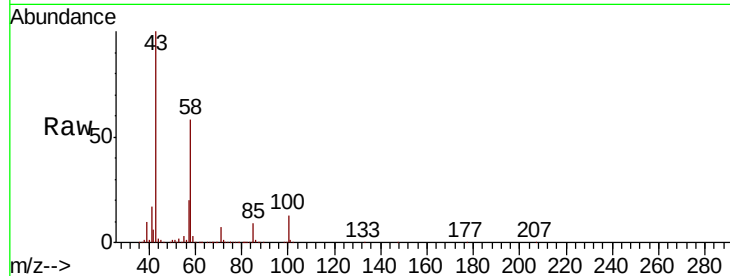
#59
2-Hexanone
Concen: 98.274 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY003164.D
Acq: 10 Jul 2020 15:34

Instrument :
MSVOA_Y
ClientSampleId :
VY0710SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	56.2	28.3	85.0

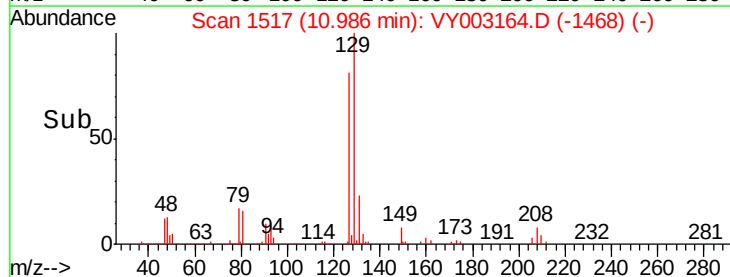
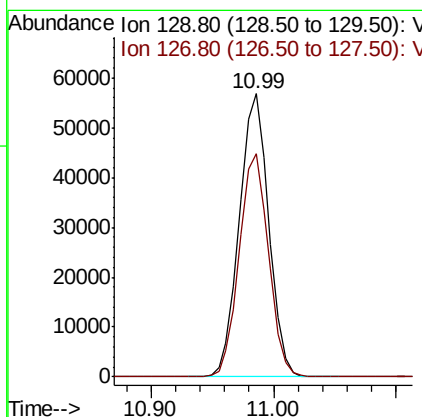
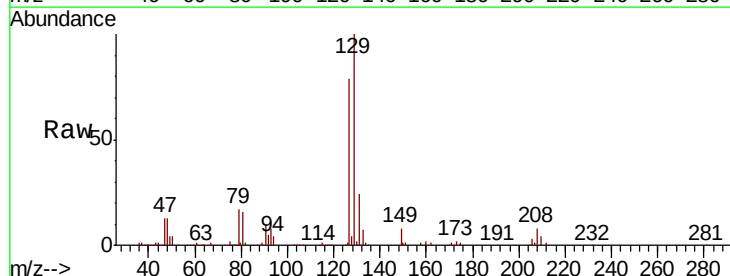
Manual Integrations
APPROVED

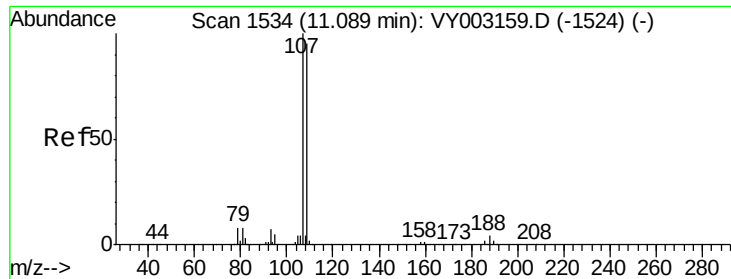
MMDadoda
7/13/2020 10:47:46 AM



#60
Dibromochloromethane
Concen: 20.018 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY003164.D
Acq: 10 Jul 2020 15:34

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.3	38.5	115.5





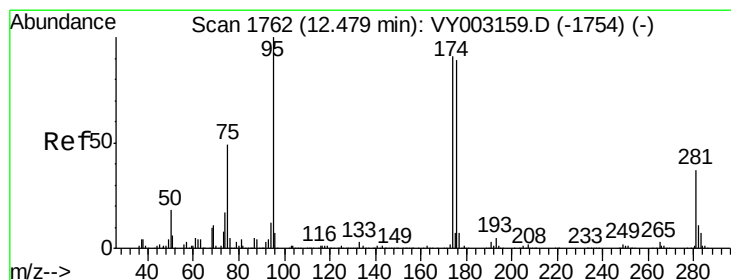
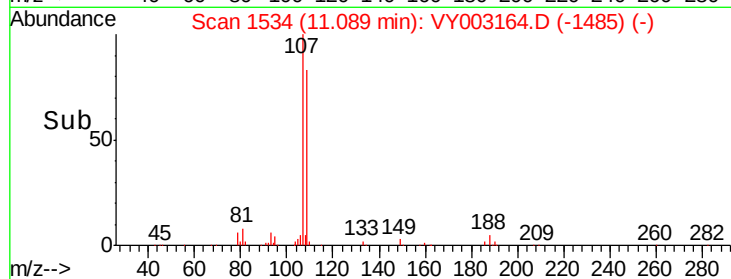
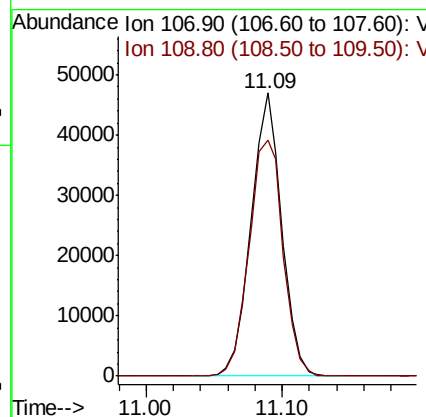
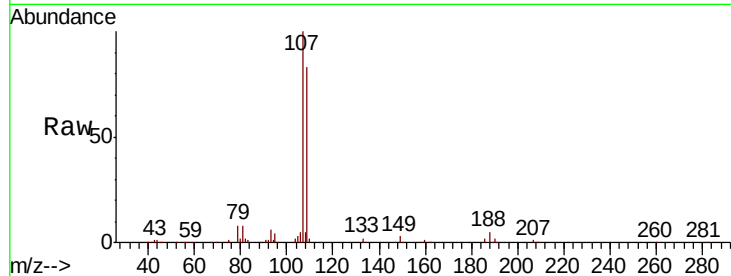
#61
 1,2-Dibromoethane
 Concen: 19.875 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY003164.D
 Acq: 10 Jul 2020 15:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0710SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.8	75.6	113.4

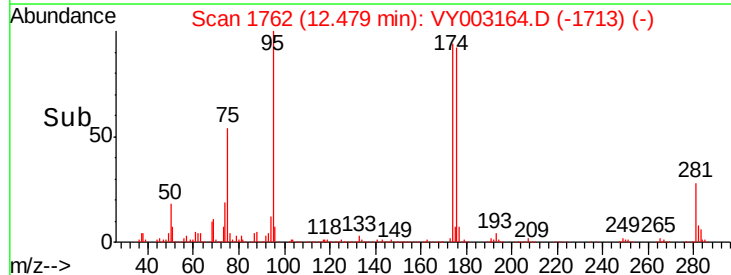
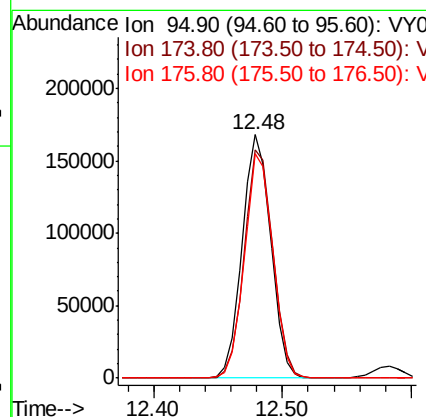
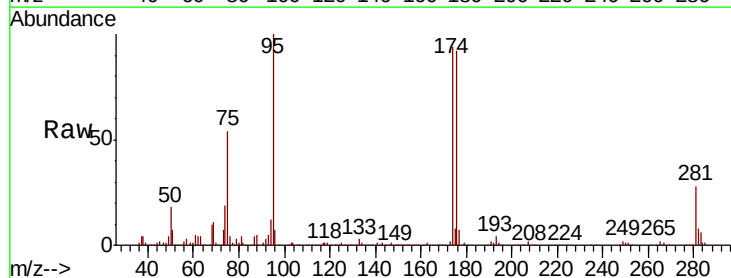
Manual Integrations
 APPROVED

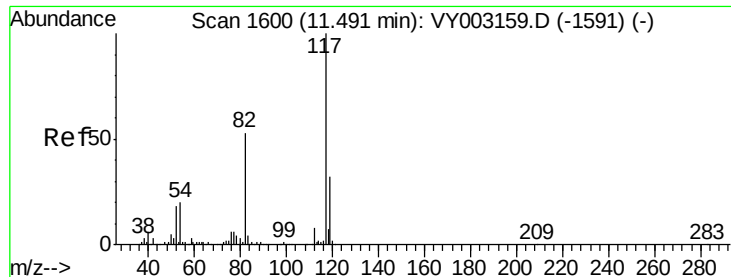
MMDadoda
 7/13/2020 10:47:46 AM



#62
 4-Bromofluorobenzene
 Concen: 47.290 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY003164.D
 Acq: 10 Jul 2020 15:34

Tgt Ion	Ratio	Lower	Upper
95	100		
174	93.9	0.0	190.6
176	91.4	0.0	186.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VY003164.D

Acq: 10 Jul 2020 15:34

Instrument :

MSVOA_Y

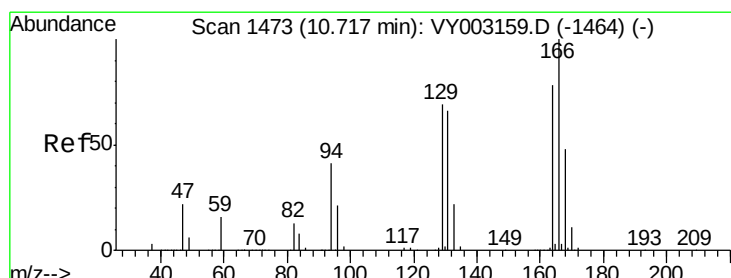
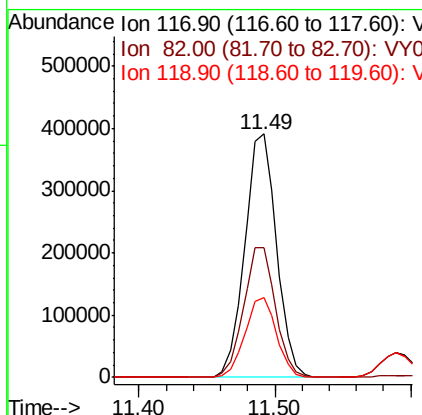
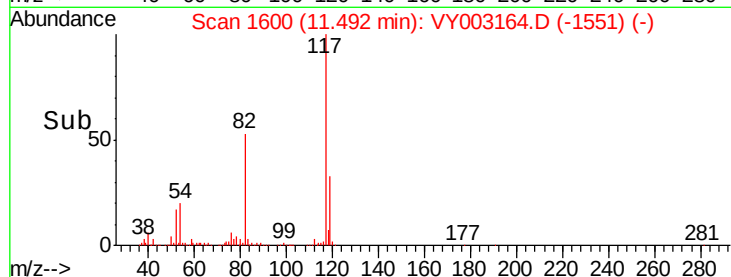
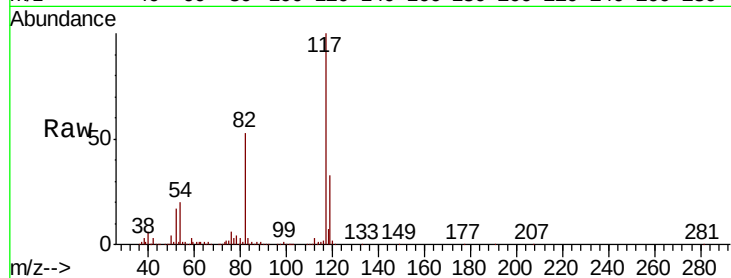
ClientSampleId :

VY0710SBS01

Tot Ion:	117	Resp:	637846
Ion Ratio	Lower	Upper	
117	100		
82	53.0	42.0	63.0
119	32.9	25.5	38.3

Manual Integrations
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#64

Tetrachloroethene

Concen: 20.611 ug/l

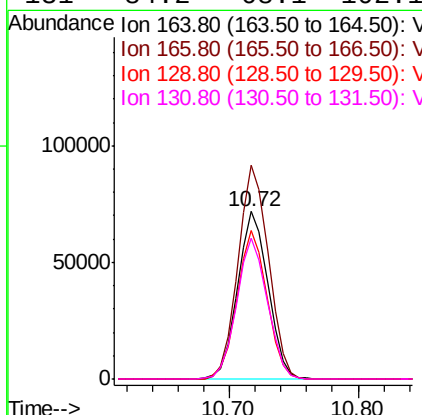
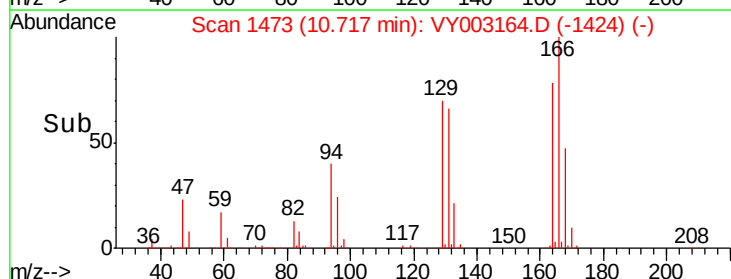
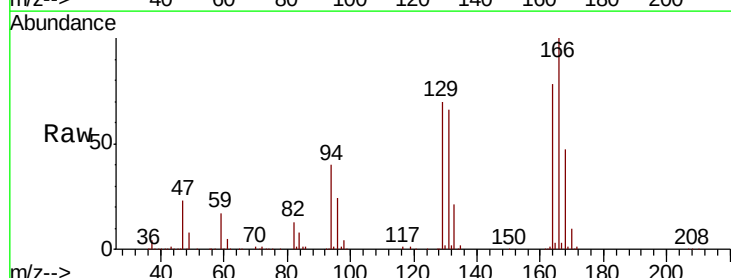
RT: 10.72 min Scan# 1473

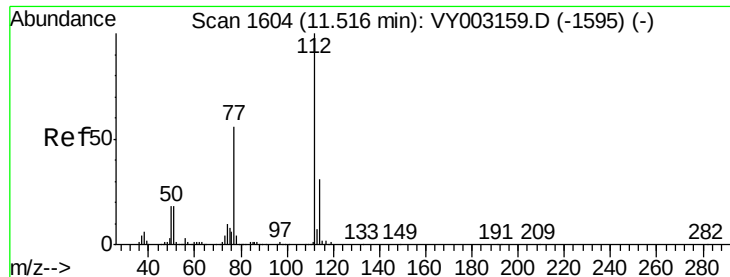
Delta R.T. 0.00 min

Lab File: VY003164.D

Acq: 10 Jul 2020 15:34

Tgt Ion:	164	Resp:	117220
Ion Ratio	Lower	Upper	
164	100		
166	127.5	102.9	154.3
129	88.7	71.4	107.2
131	84.2	68.1	102.1





#65

Chlorobenzene

Concen: 20.787 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VY003164.D

Acq: 10 Jul 2020 15:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0710SBS01

Tot Ion:112 Resp: 255431

Ion Ratio Lower Upper

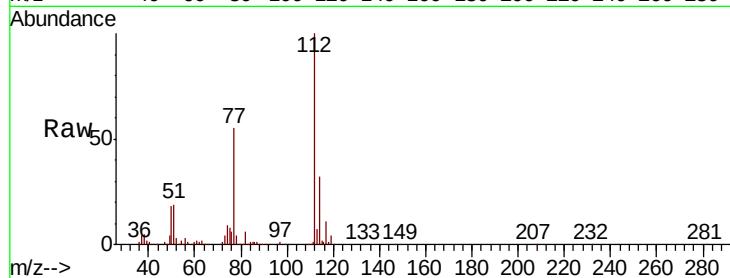
112 100

114 32.2 24.7 37.1

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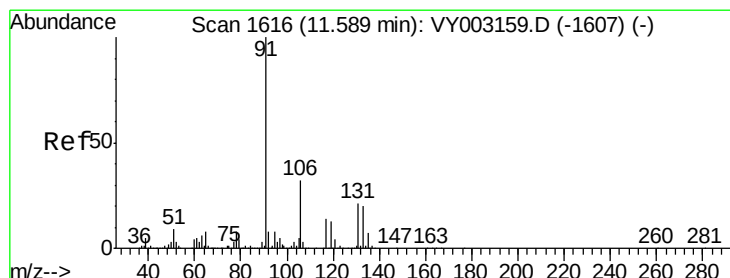
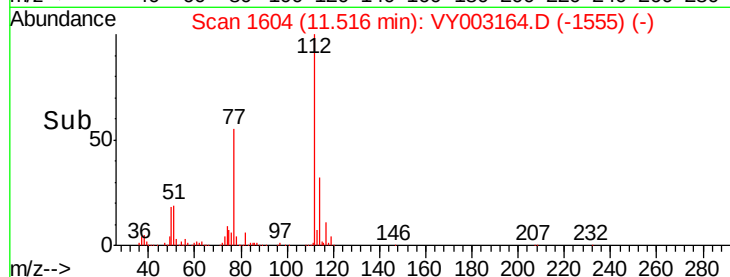
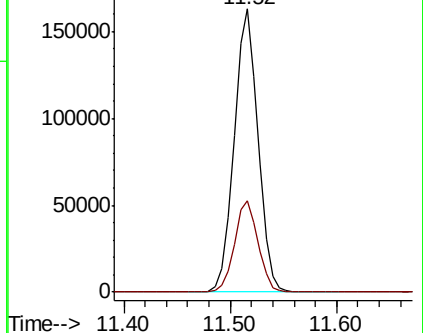
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.137 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY003164.D

Acq: 10 Jul 2020 15:34

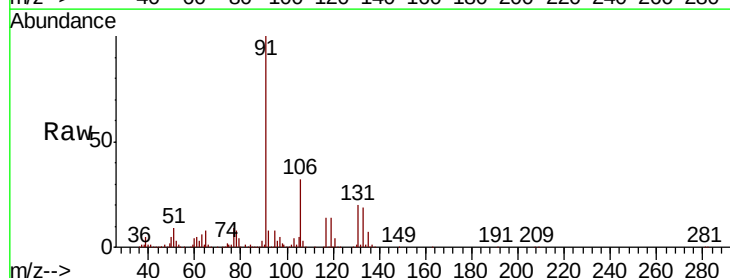
Tgt Ion:131 Resp: 96105

Ion Ratio Lower Upper

131 100

133 95.6 48.0 144.0

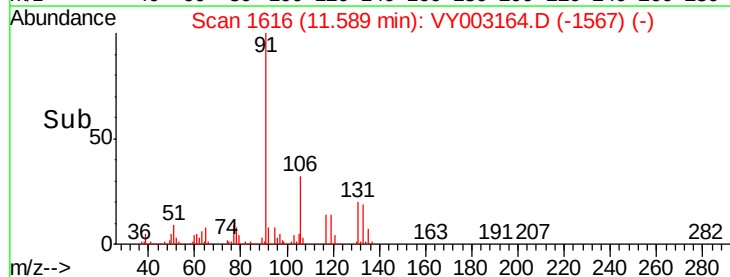
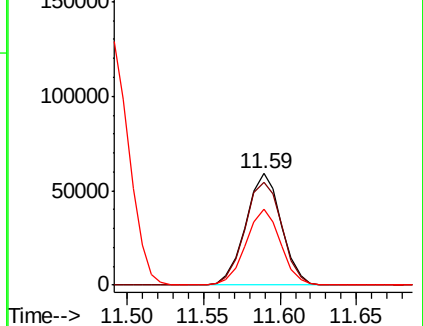
119 66.3 32.4 97.0

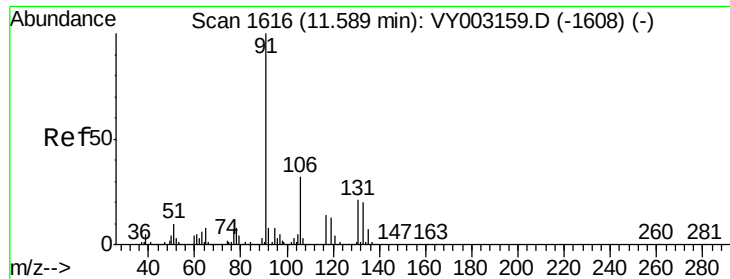


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 20.608 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY003164.D

Acq: 10 Jul 2020 15:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0710SBS01

Tot Ion: 91 Resp: 452136

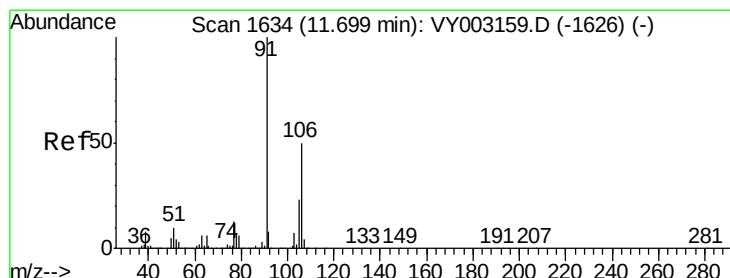
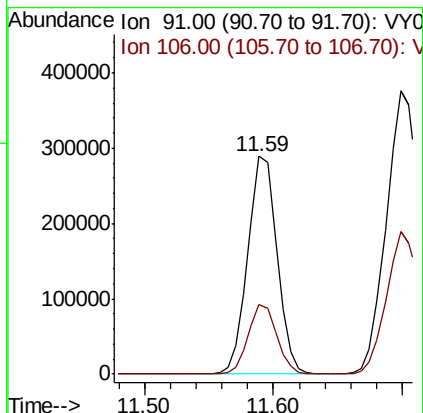
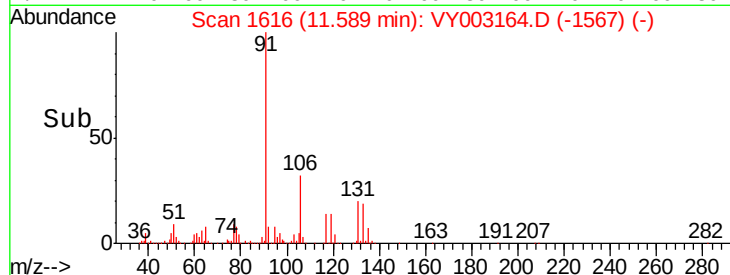
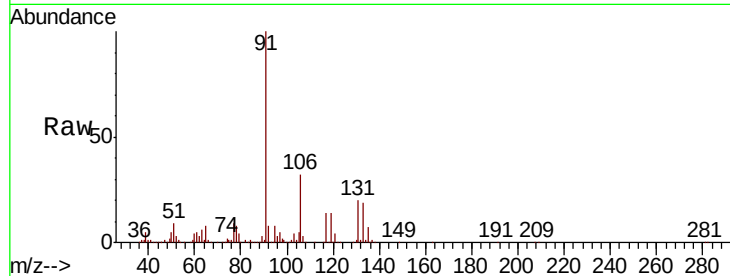
Ion Ratio Lower Upper

91 100

106 32.0 25.5 38.3

Manual Integrations
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#68

m/p-Xylenes

Concen: 41.049 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VY003164.D

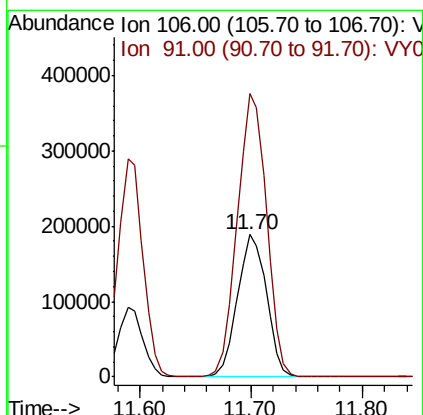
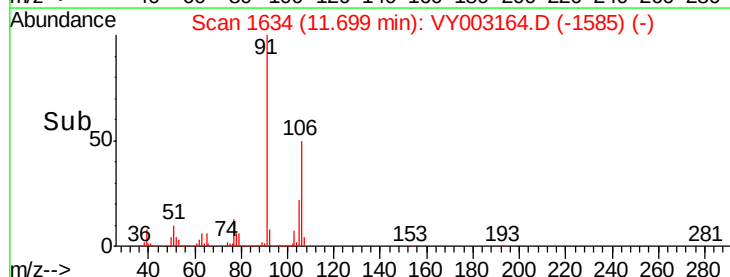
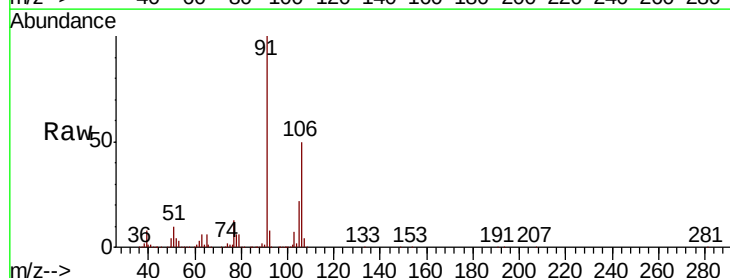
Acq: 10 Jul 2020 15:34

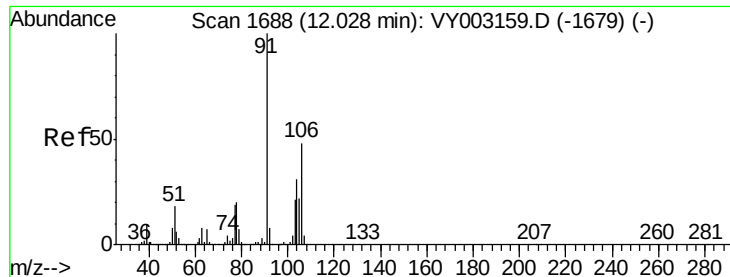
Tgt Ion: 106 Resp: 341713

Ion Ratio Lower Upper

106 100

91 200.4 159.0 238.6





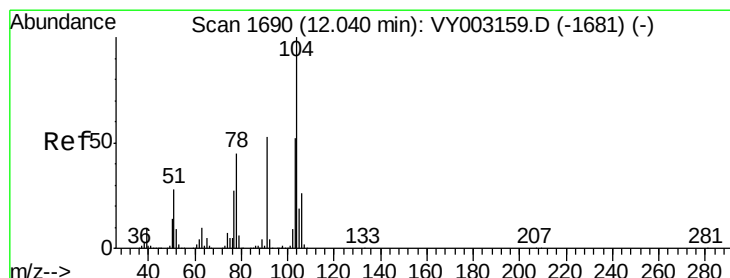
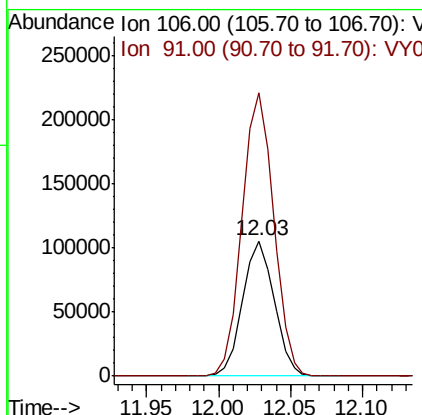
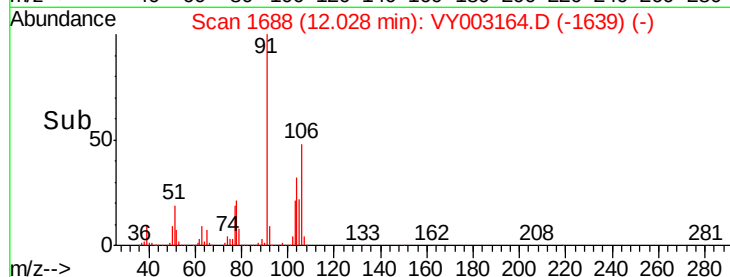
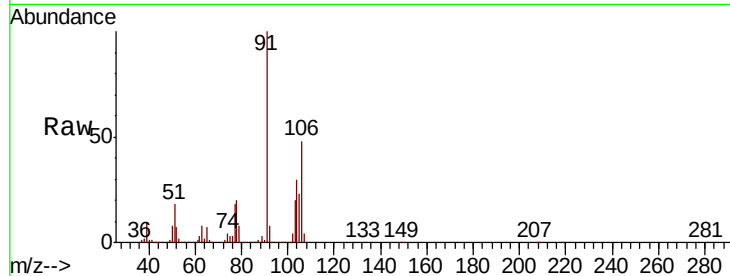
#69
o-Xylene
Concen: 20.623 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY003164.D
Acq: 10 Jul 2020 15:34

Instrument :
MSVOA_Y
ClientSampleId :
VY0710SBS01

Tot Ion	Ion	Ratio	Lower	Upper
106	106	100		
91	209.8	105.1	315.1	

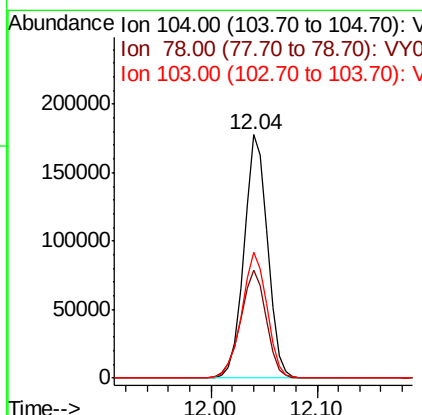
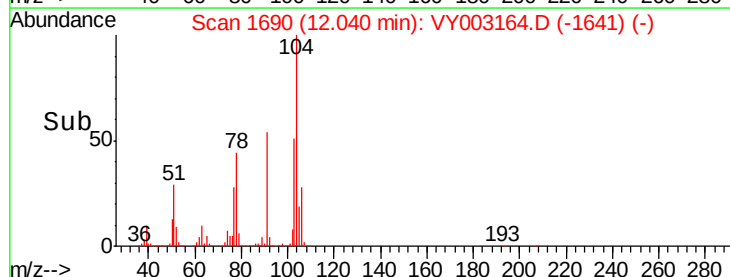
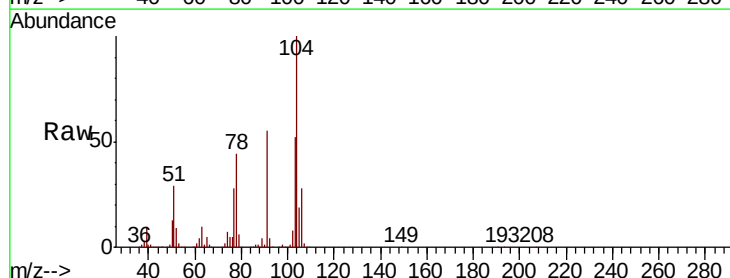
Manual Integrations
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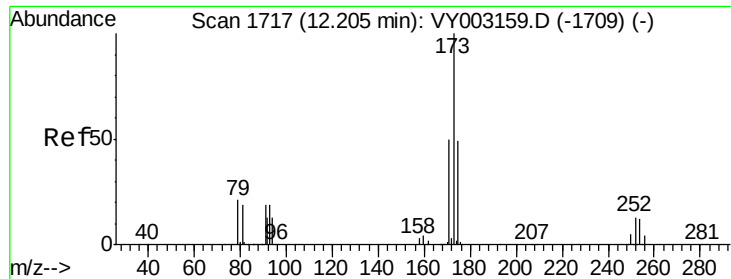
MMDadoda
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#70
Styrene
Concen: 20.705 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY003164.D
Acq: 10 Jul 2020 15:34

Tgt Ion	Ion	Ratio	Lower	Upper
104	104	100		
78	48.5	38.5	57.7	
103	56.0	43.9	65.9	





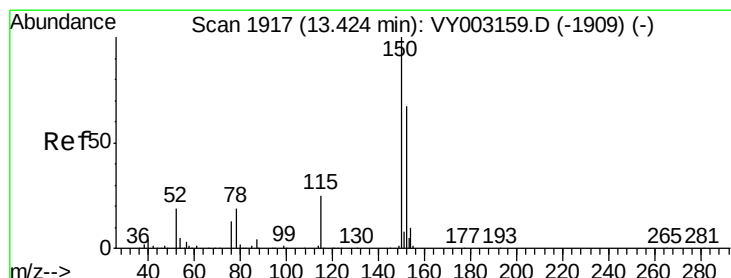
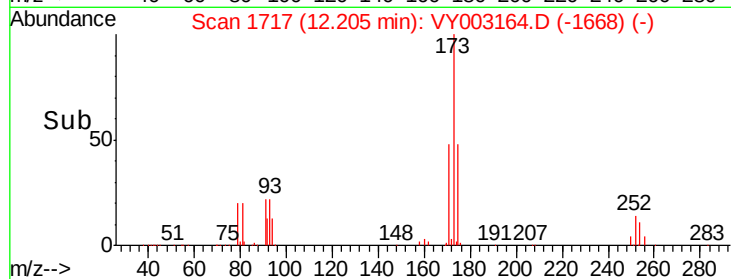
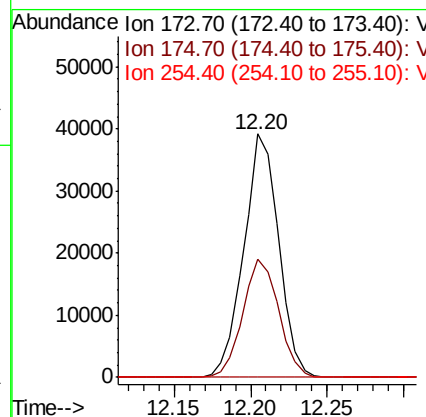
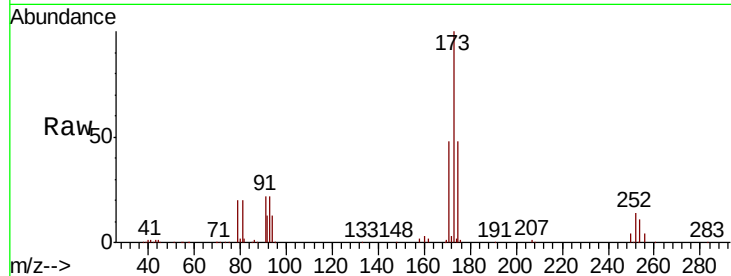
#71
Bromoform
Concen: 19.771 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VY003164.D
Acq: 10 Jul 2020 15:34

Instrument :
MSVOA_Y
ClientSampleId :
VY0710SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.9	24.3	73.0
254	0.0	0.2	0.2

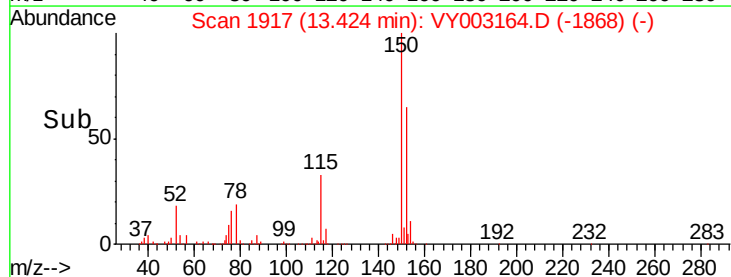
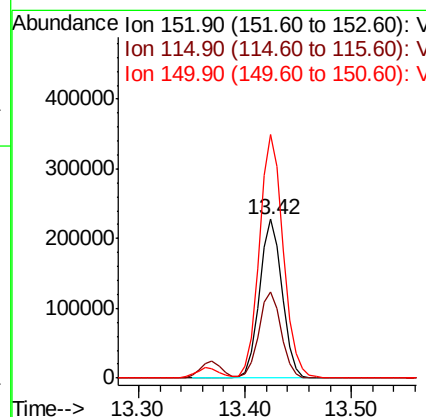
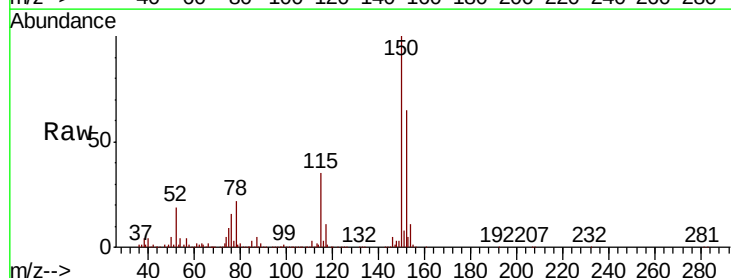
Manual Integrations
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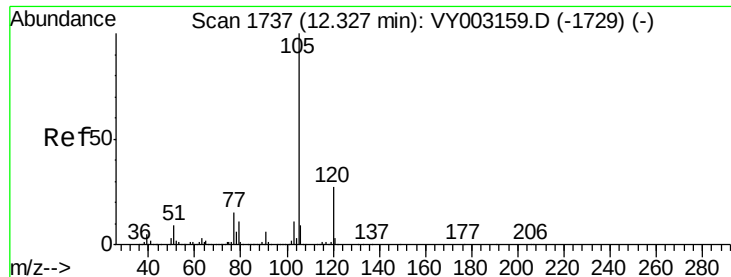
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY003164.D
Acq: 10 Jul 2020 15:34

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.3	26.9	80.7
150	161.7	0.0	338.0





#73

Isopropylbenzene

Concen: 20.533 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY003164.D

Acq: 10 Jul 2020 15:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0710SBS01

Tot Ion: 105 Resp: 442942

Ion Ratio Lower Upper

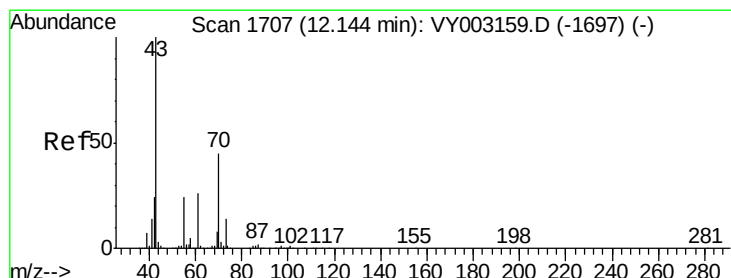
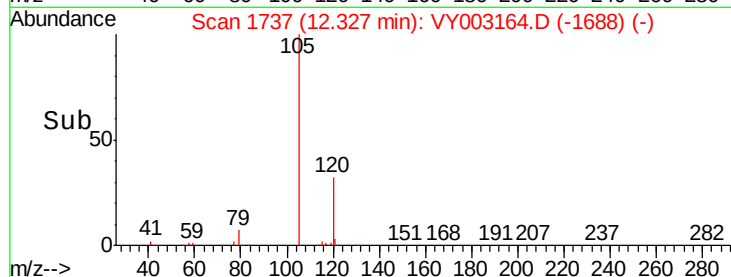
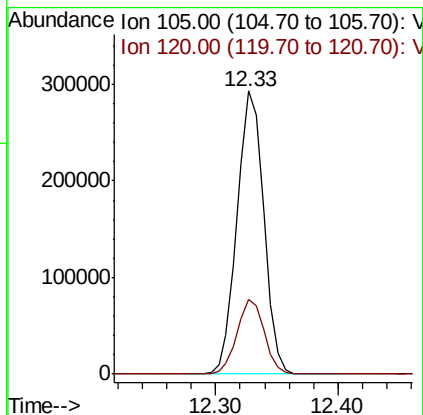
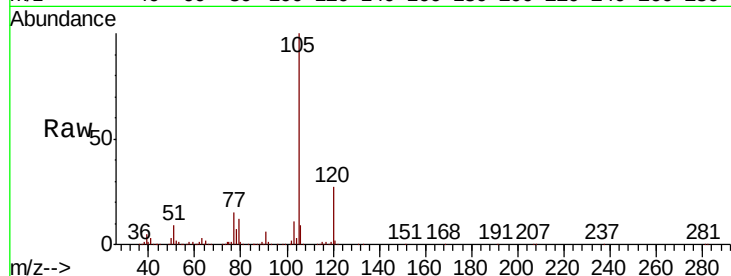
105 100

120 26.6 13.4 40.2

Manual Integrations
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#74

N-ethyl acetate

Concen: 20.347 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY003164.D

Acq: 10 Jul 2020 15:34

Tgt Ion: 43 Resp: 123161

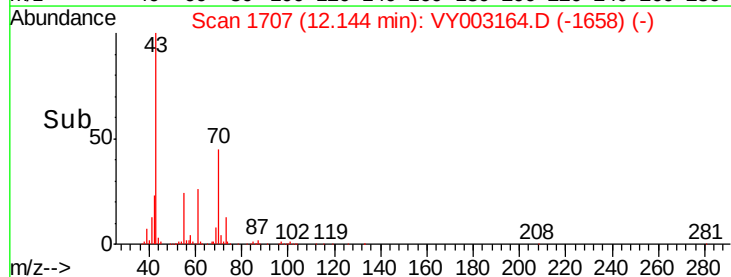
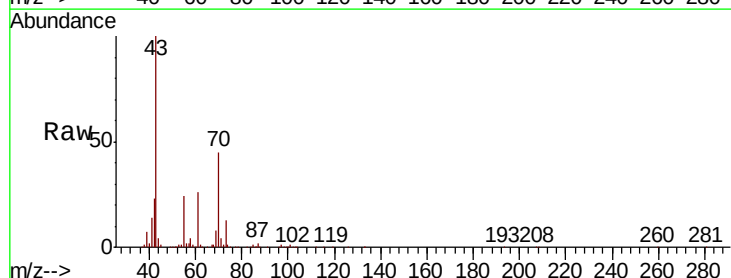
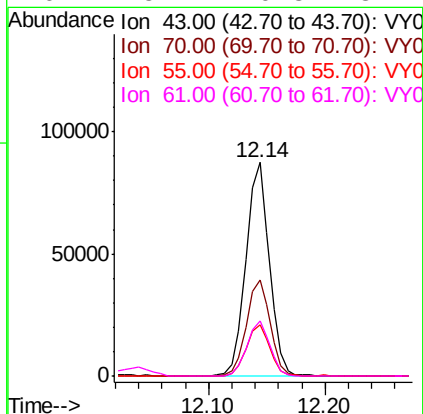
Ion Ratio Lower Upper

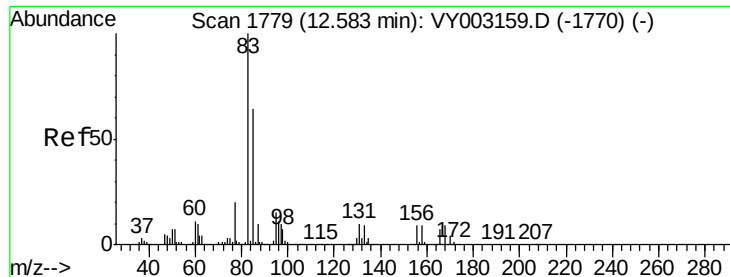
43 100

70 45.5 35.6 53.4

55 24.3 19.4 29.2

61 25.4 20.8 31.2





#75

1,1,2,2-Tetrachloroethane

Concen: 19.958 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY003164.D

Acq: 10 Jul 2020 15:34

Instrument :

MSVOA_Y

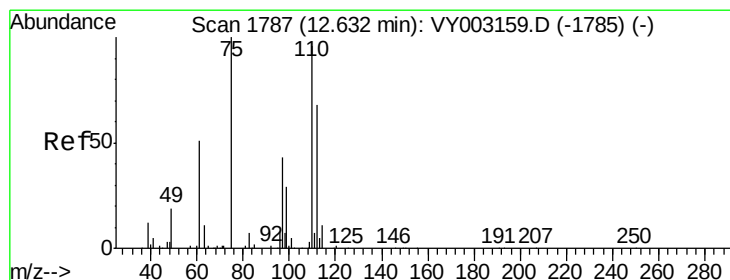
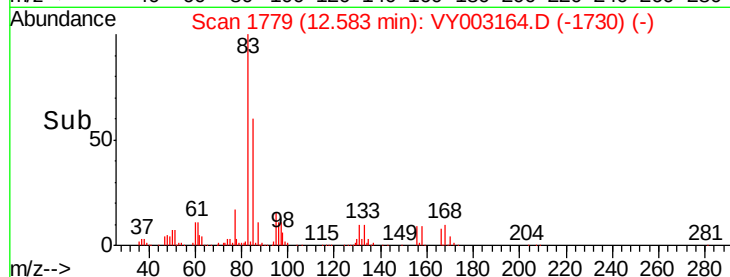
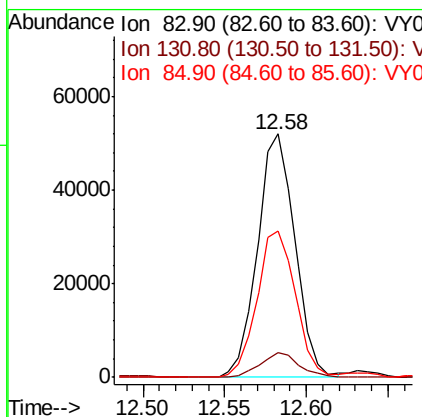
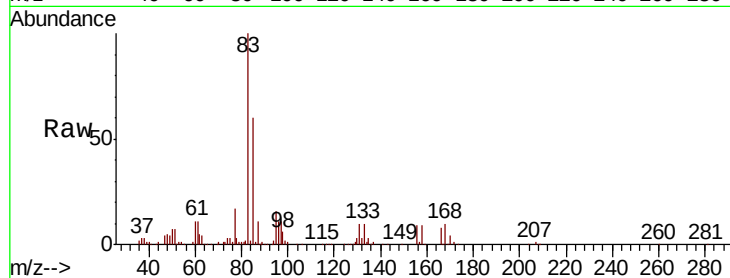
ClientSampleId :

VY0710SBS01

Tot Ion:	83	Resp:	83153
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.2	15.6
85	61.8	32.0	96.0

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#76

1,2,3-Trichloropropane

Concen: 20.199 ug/l m

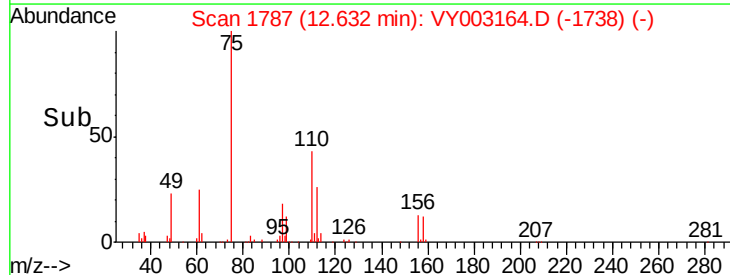
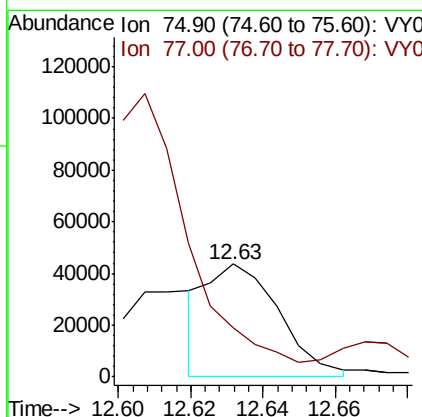
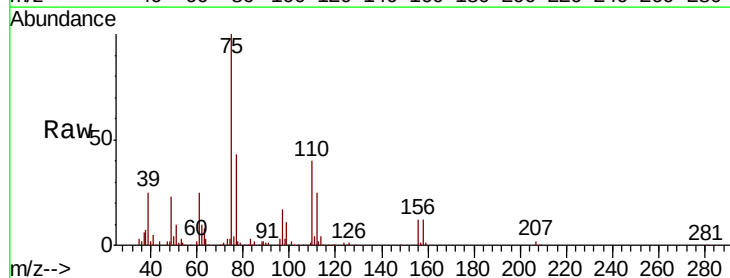
RT: 12.63 min Scan# 1787

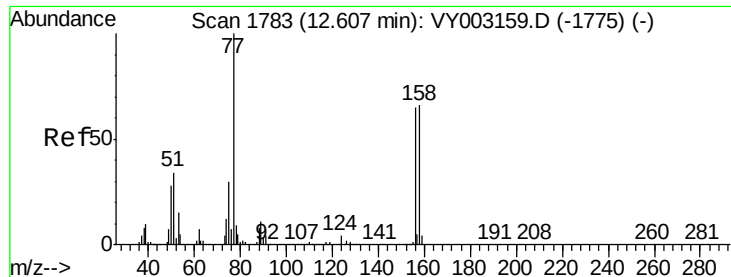
Delta R.T. 0.00 min

Lab File: VY003164.D

Acq: 10 Jul 2020 15:34

Tgt Ion:	75	Resp:	60526
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.473 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY003164.D

Acq: 10 Jul 2020 15:34

Instrument :

MSVOA_Y

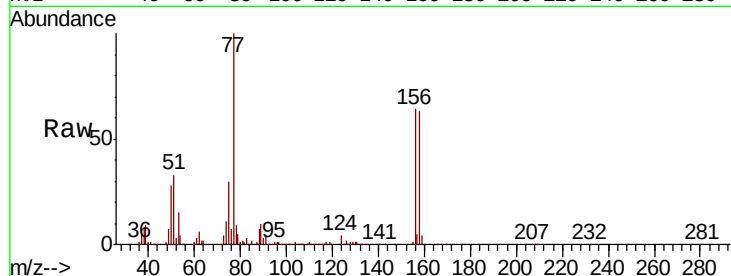
ClientSampleId :

VY0710SBS01

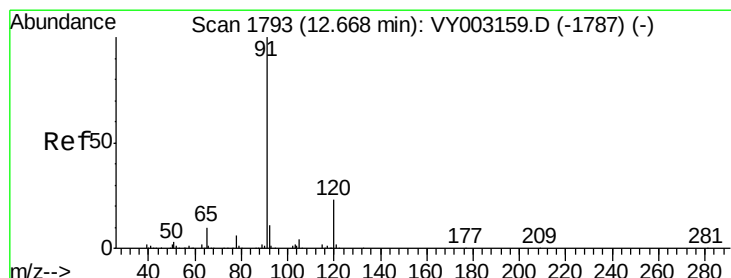
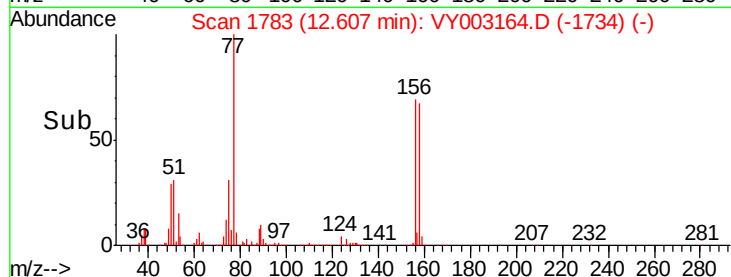
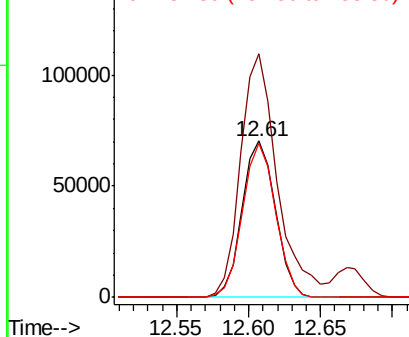
Tot Ion:	156	Resp:	112577
Ion Ratio	Lower	Upper	
156	100		
77	171.7	86.6	259.7
158	97.3	49.4	148.0

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Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VY0
Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.717 ug/l

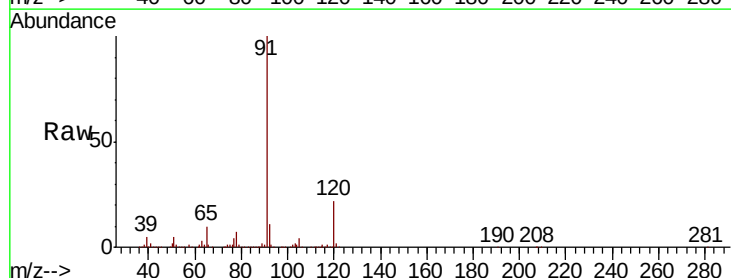
RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

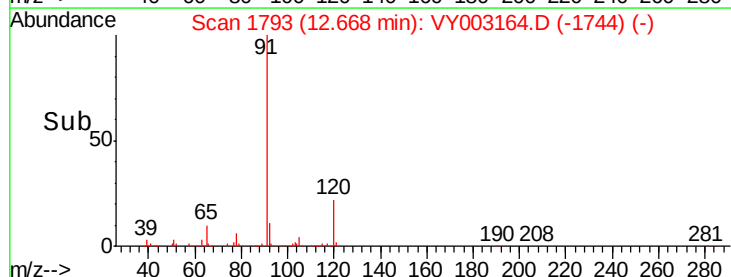
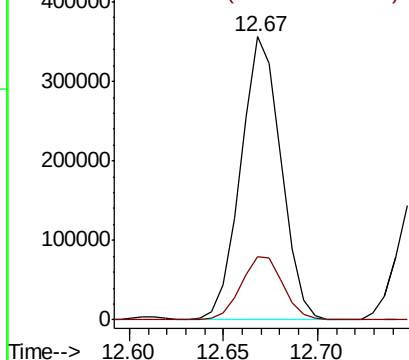
Lab File: VY003164.D

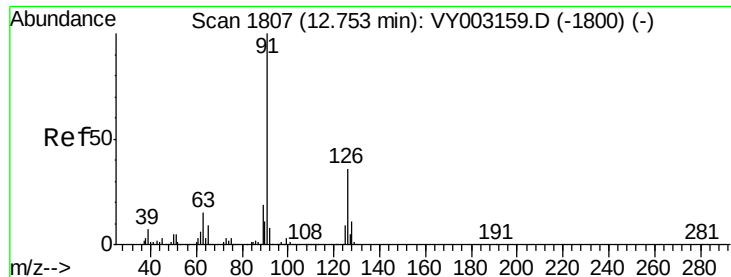
Acq: 10 Jul 2020 15:34

Tgt Ion:	91	Resp:	526811
Ion Ratio	Lower	Upper	
91	100		
120	23.2	11.7	35.1



Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.664 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY003164.D

Acq: 10 Jul 2020 15:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0710SBS01

Tot Ion: 91 Resp: 293162

Ion Ratio Lower Upper

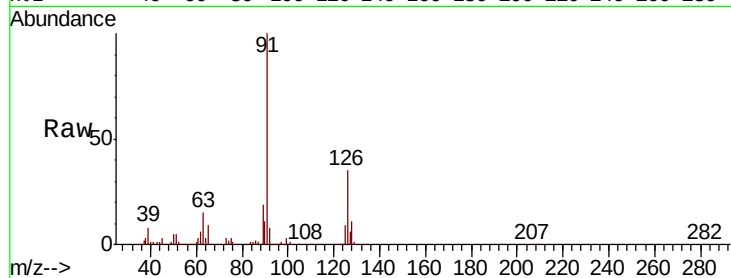
91 100

126 35.4 17.6 52.9

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Abundance Ion 91.00 (90.70 to 91.70): VY003159.D (-1800) (-)

Ion 125.90 (125.60 to 126.60): VY003159.D (-1800) (-)

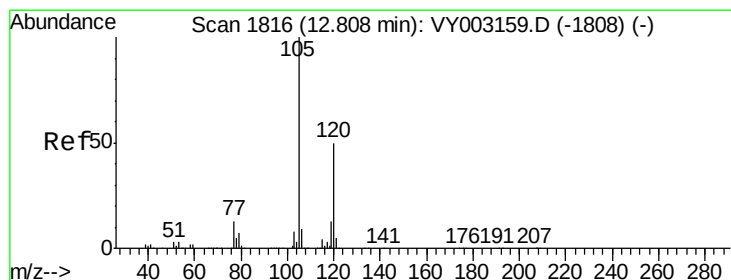
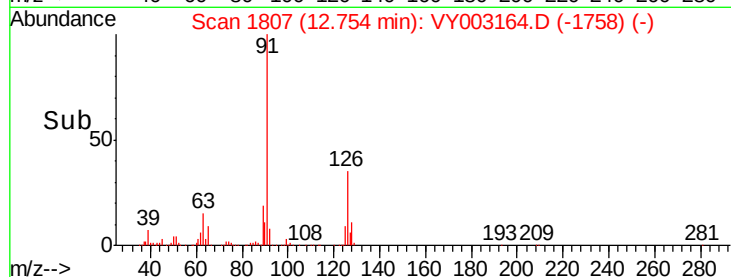
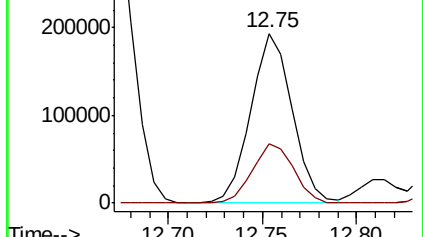
300000

200000

100000

0

12.70 12.75 12.80



#80

1,3,5-Trimethylbenzene

Concen: 20.916 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VY003164.D

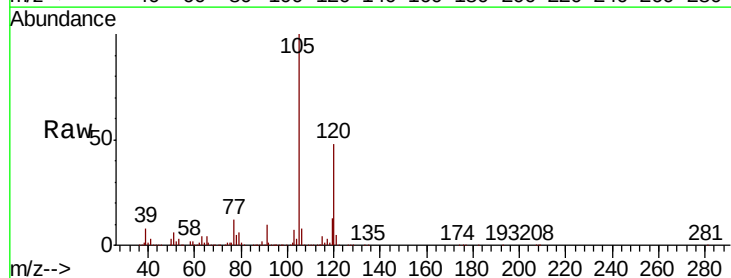
Acq: 10 Jul 2020 15:34

Tgt Ion: 105 Resp: 376063

Ion Ratio Lower Upper

105 100

120 49.5 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VY003159.D (-1808) (-)

Ion 120.00 (119.70 to 120.70): VY003159.D (-1808) (-)

300000

250000

200000

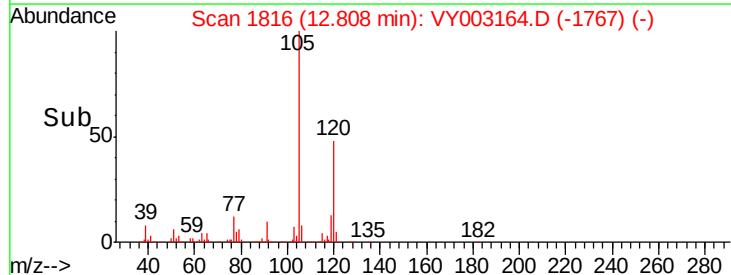
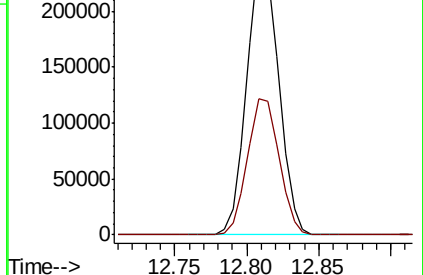
150000

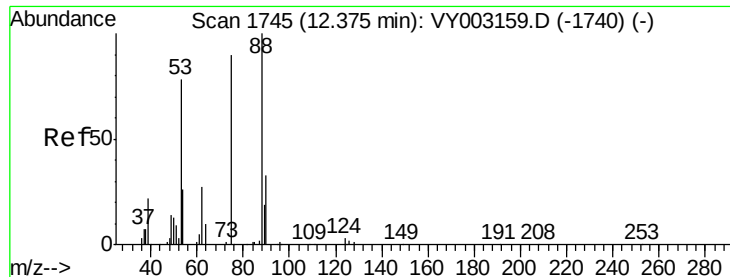
100000

50000

0

12.75 12.80 12.85





#81

trans-1,4-Dichloro-2-butene

Concen: 19.752 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY003164.D

Acq: 10 Jul 2020 15:34

Instrument :

MSVOA_Y

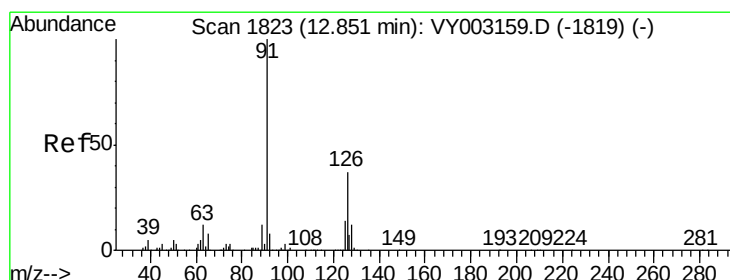
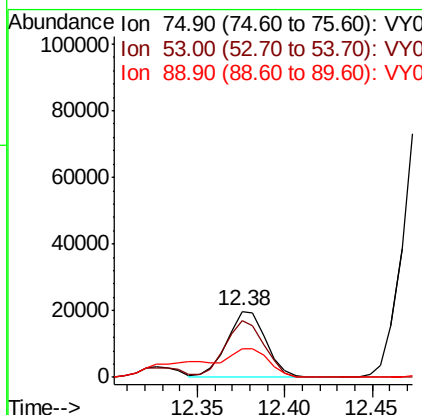
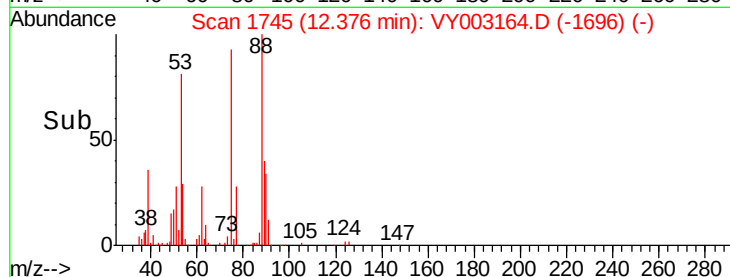
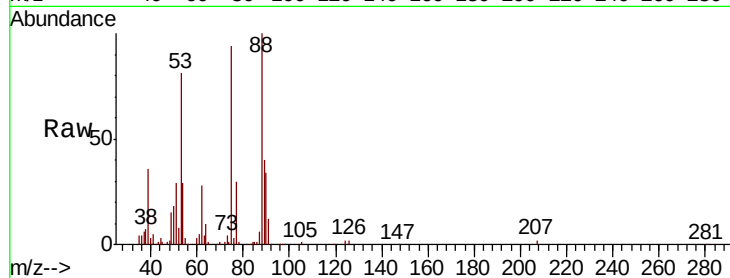
ClientSampleId :

VY0710SBS01

Tot Ion:	75	Resp:	30411
Ion	Ratio	Lower	Upper
75	100		
53	88.0	72.0	108.0
89	41.9	37.3	55.9

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#82

4-Chlorotoluene

Concen: 20.746 ug/l

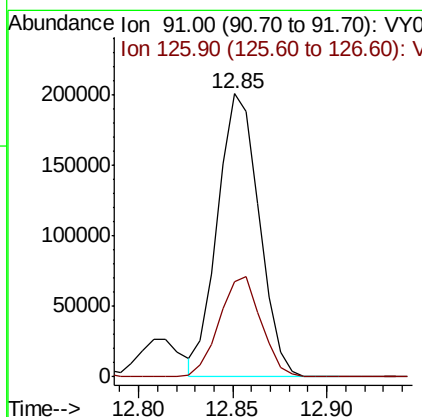
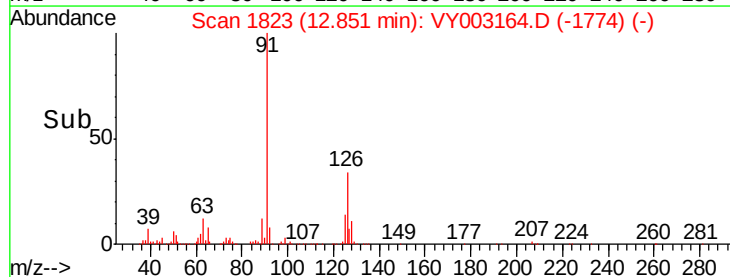
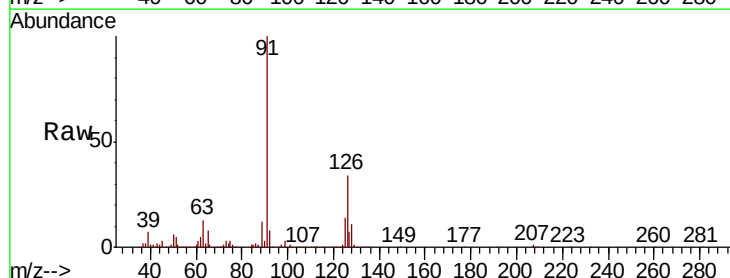
RT: 12.85 min Scan# 1823

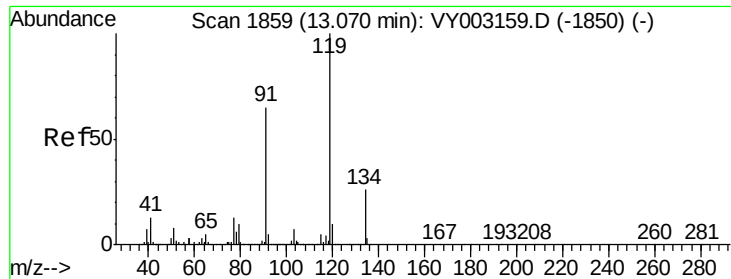
Delta R.T. 0.00 min

Lab File: VY003164.D

Acq: 10 Jul 2020 15:34

Tgt Ion:	91	Resp:	307218
Ion	Ratio	Lower	Upper
91	100		
126	35.8	17.9	53.7





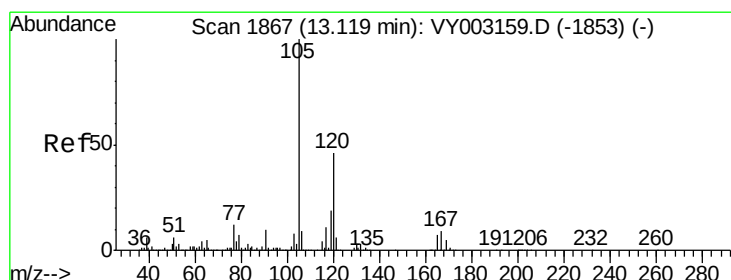
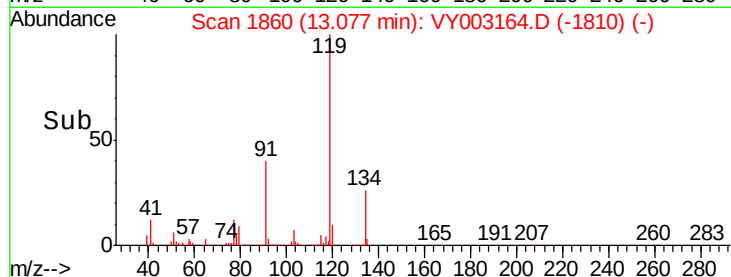
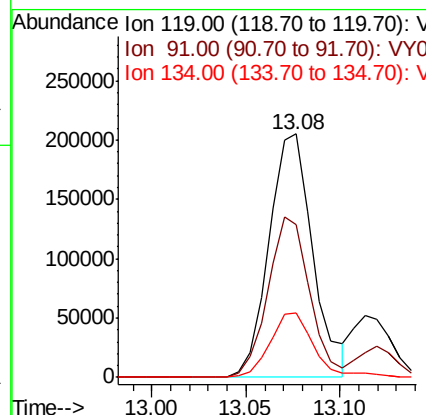
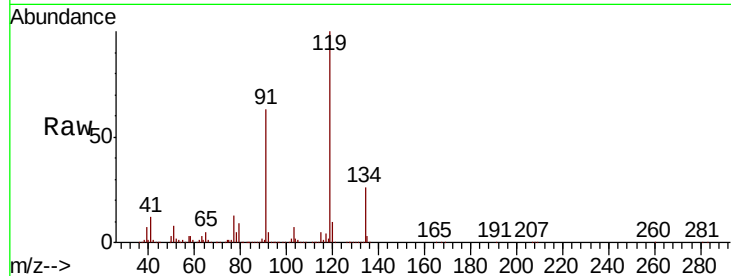
#83
tert-Butylbenzene
Concen: 20.825 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. 0.01 min
Lab File: VY003164.D
Acq: 10 Jul 2020 15:34

Instrument :
MSVOA_Y
ClientSampleId :
VY0710SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	62.6	30.8	92.4
134	26.6	13.2	39.6

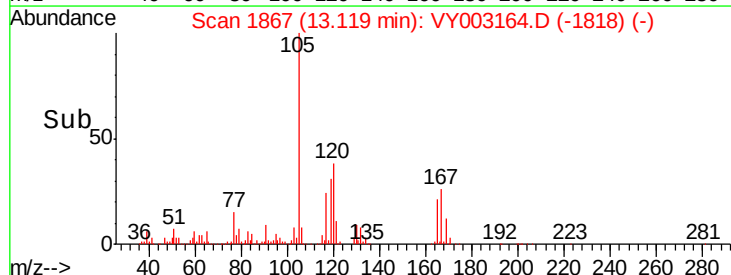
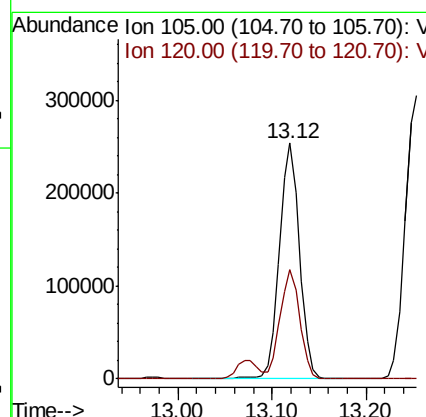
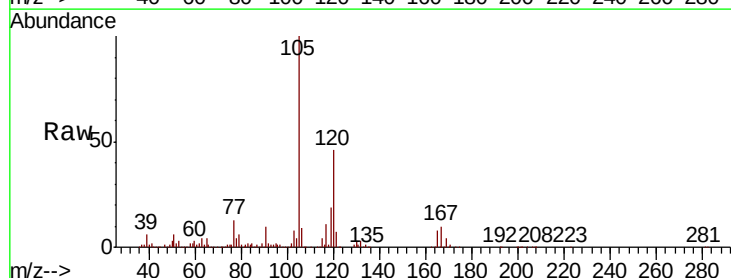
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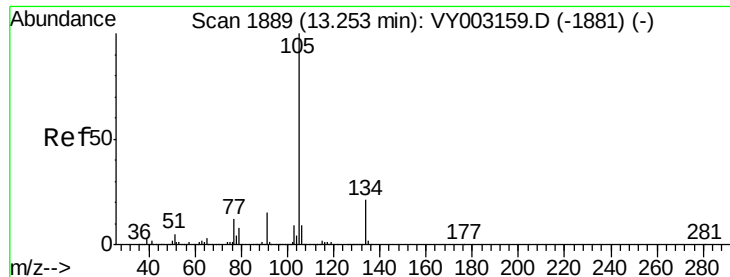
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#84
1,2,4-Trimethylbenzene
Concen: 20.796 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY003164.D
Acq: 10 Jul 2020 15:34

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.1	22.5	67.5





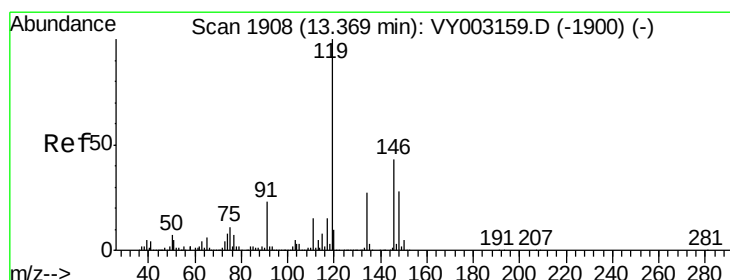
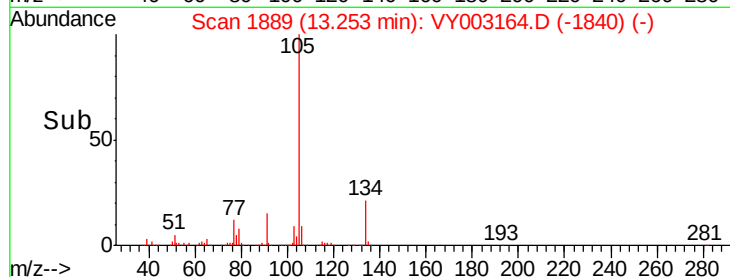
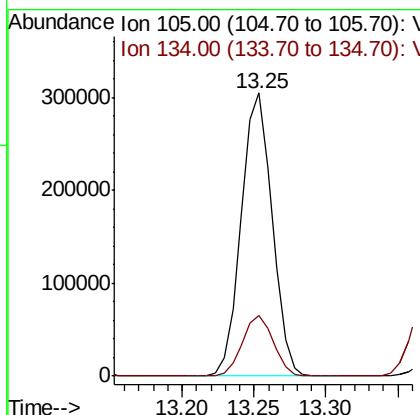
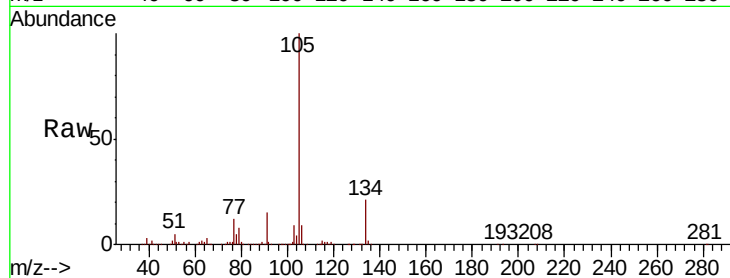
#85
 sec-Butylbenzene
 Concen: 20.808 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VY003164.D
 Acq: 10 Jul 2020 15:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0710SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.3	10.4	31.4

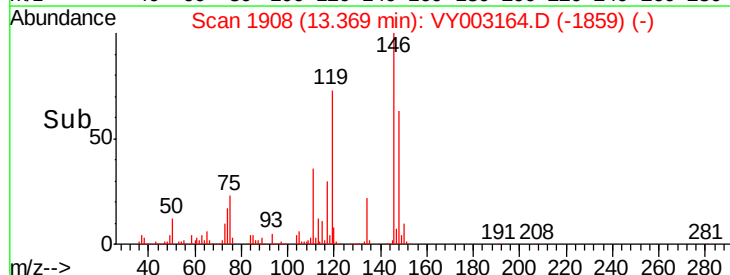
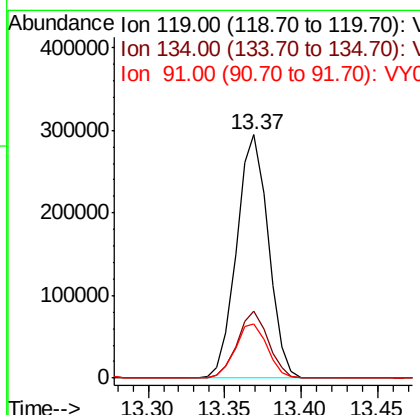
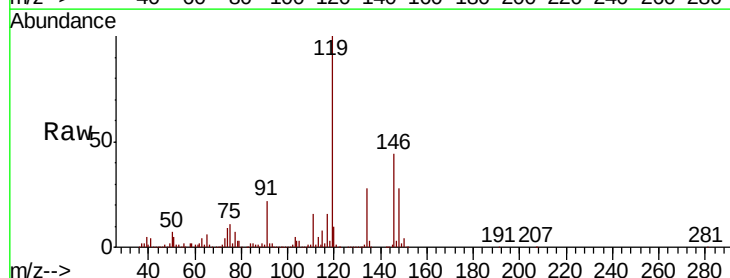
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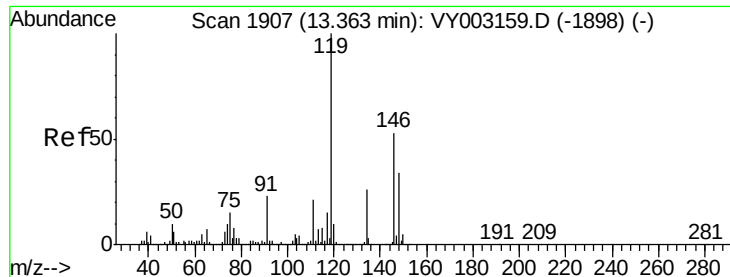
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#86
 p-Isopropyltoluene
 Concen: 20.781 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.00 min
 Lab File: VY003164.D
 Acq: 10 Jul 2020 15:34

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.9	13.4	40.2
91	22.3	11.2	33.6





#87

1,3-Dichlorobenzene

Concen: 20.395 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VY003164.D

Acq: 10 Jul 2020 15:34

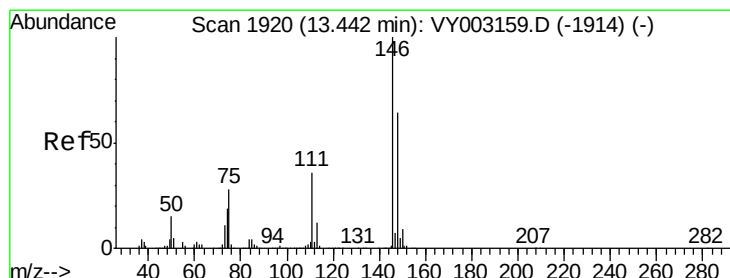
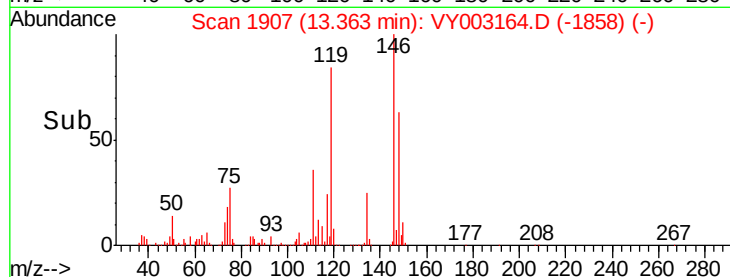
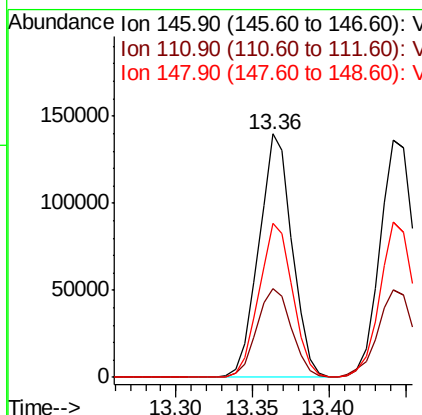
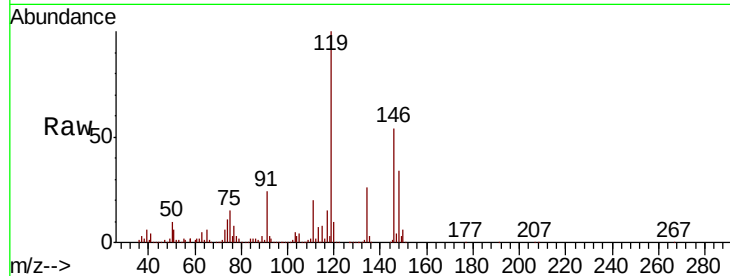
Instrument :
MSVOA_Y

ClientSampleId :
VY0710SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.8	56.3
148	63.9	32.3	96.9

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#88

1,4-Dichlorobenzene

Concen: 20.535 ug/l

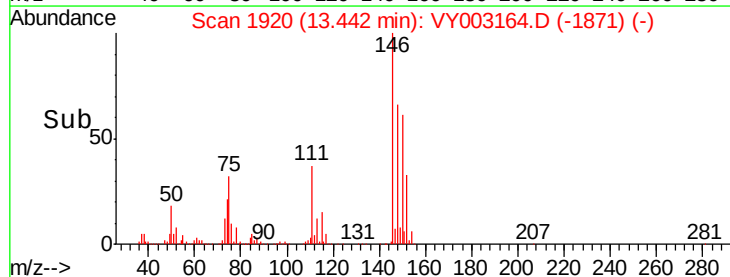
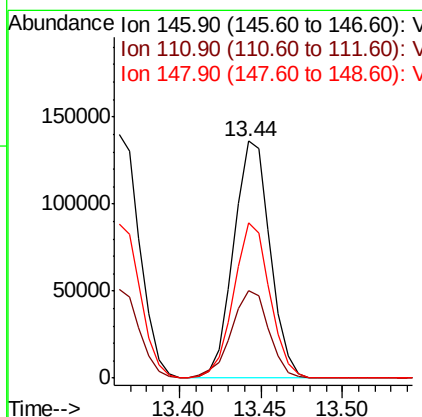
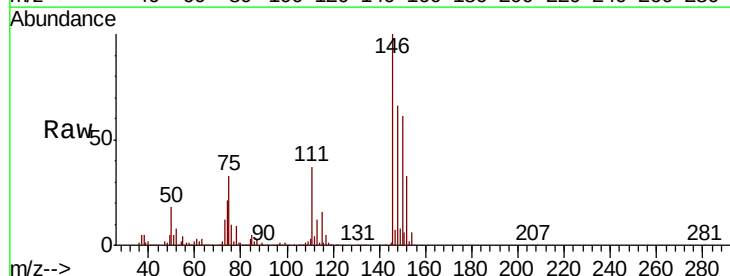
RT: 13.44 min Scan# 1920

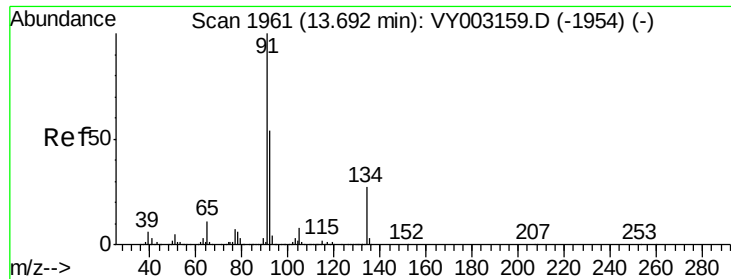
Delta R.T. 0.00 min

Lab File: VY003164.D

Acq: 10 Jul 2020 15:34

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.4	55.0
148	65.2	32.0	96.0





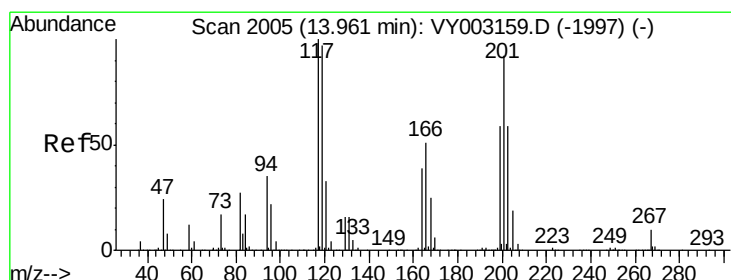
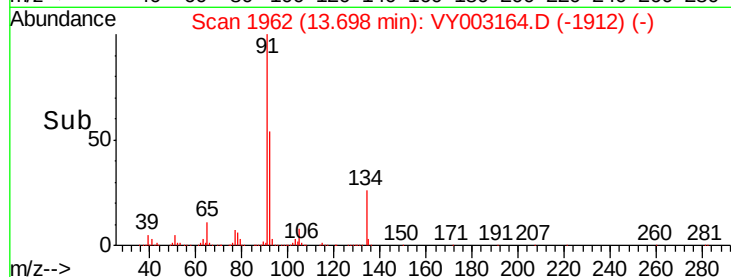
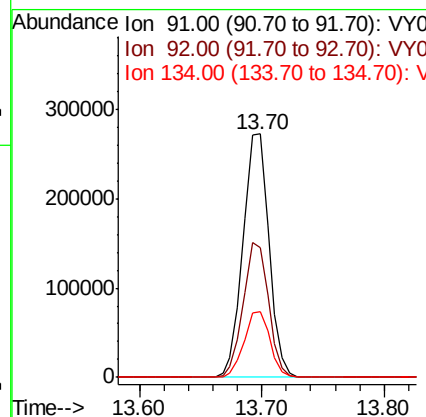
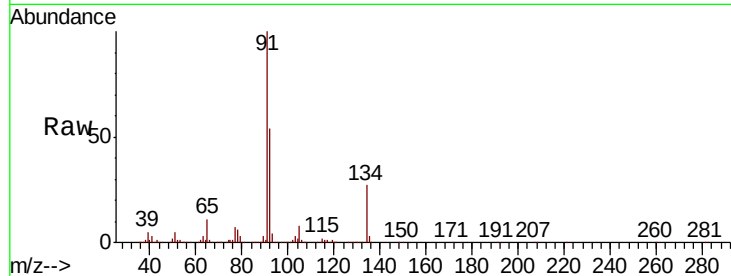
#89
n-Butylbenzene
Concen: 20.932 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY003164.D
Acq: 10 Jul 2020 15:34

Instrument :
MSVOA_Y
ClientSampleId :
VY0710SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.0	26.9	80.7
134	26.9	13.6	40.7

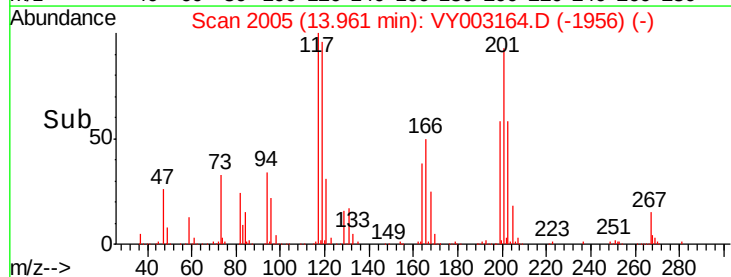
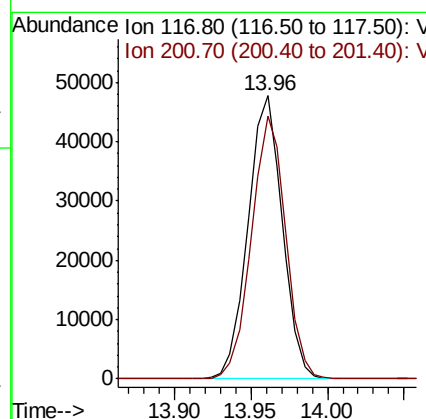
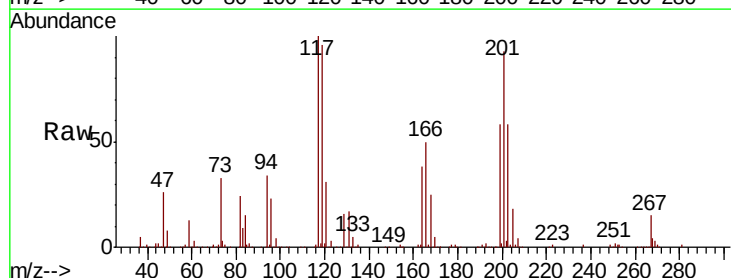
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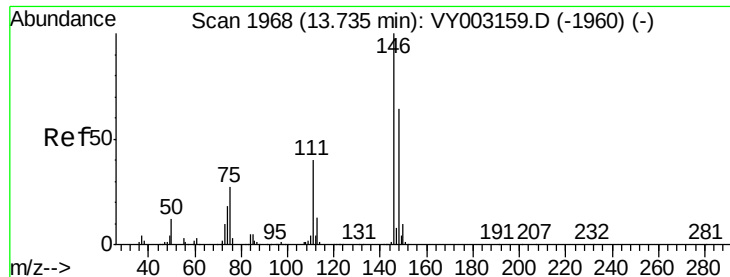
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#90
Hexachloroethane
Concen: 20.074 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY003164.D
Acq: 10 Jul 2020 15:34

Tgt Ion	Ratio	Lower	Upper
117	100		
201	92.5	45.1	135.3





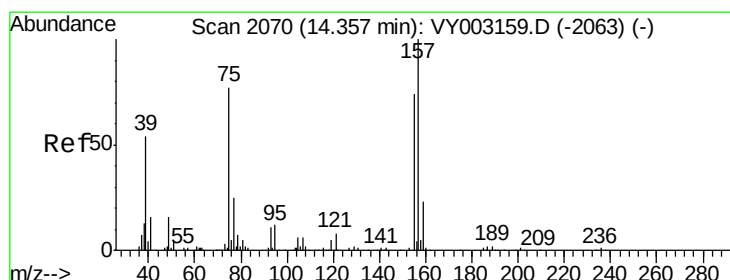
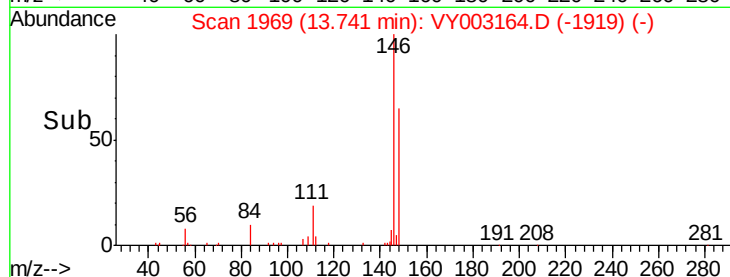
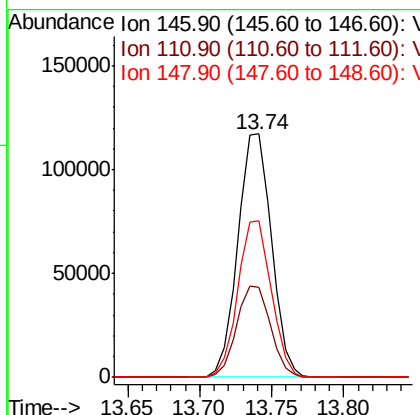
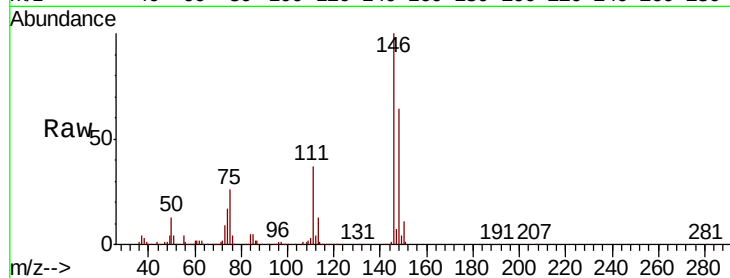
#91
 1,2-Dichlorobenzene
 Concen: 20.837 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.01 min
 Lab File: VY003164.D
 Acq: 10 Jul 2020 15:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0710SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	19.6	58.8
148	64.0	32.4	97.0

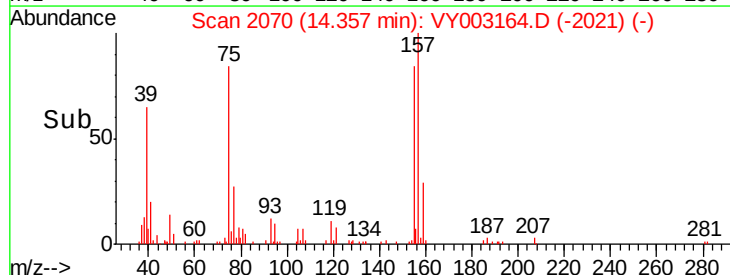
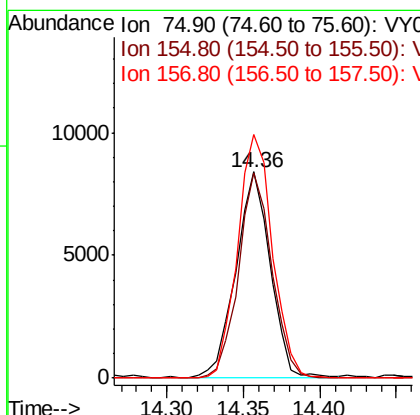
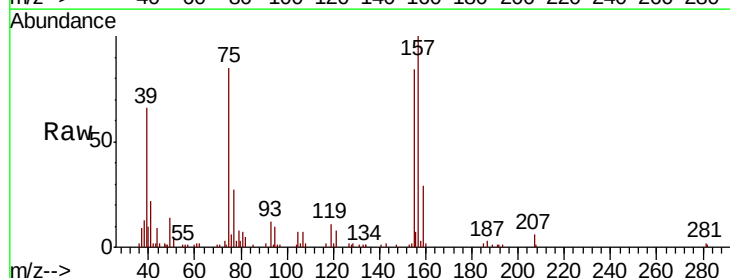
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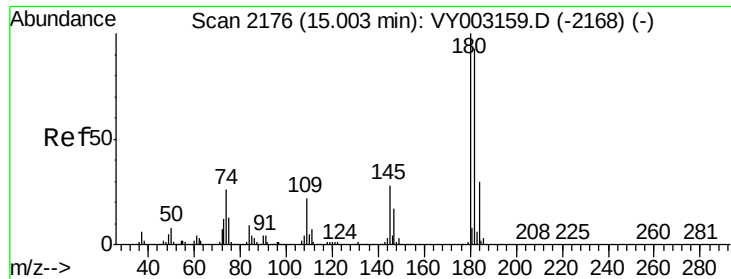
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.529 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY003164.D
 Acq: 10 Jul 2020 15:34

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.8	48.1	144.3
157	119.1	61.9	185.6





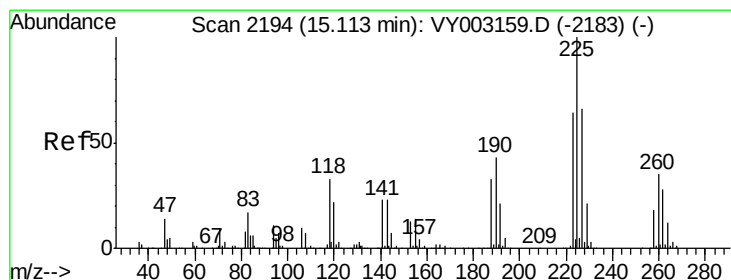
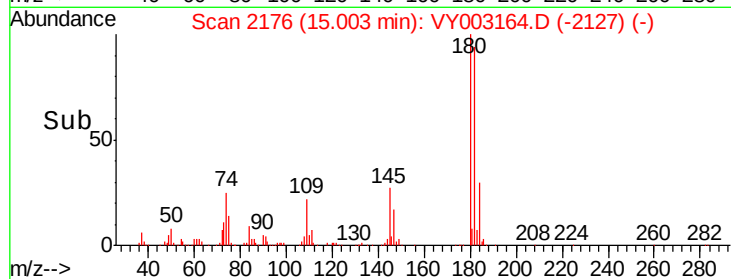
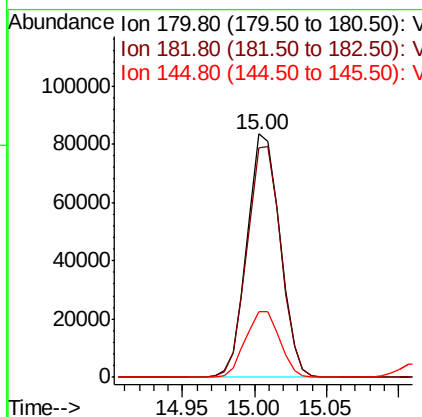
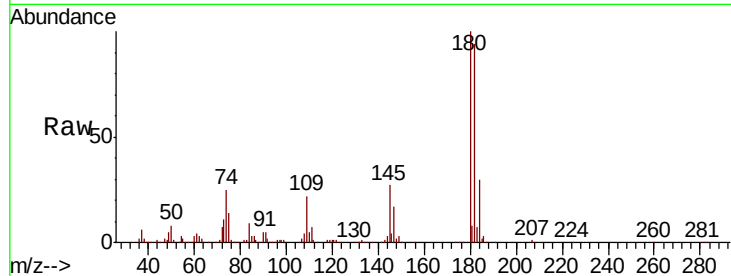
#93
 1,2,4-Trichlorobenzene
 Concen: 20.427 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY003164.D
 Acq: 10 Jul 2020 15:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0710SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.4	47.3	142.0
145	27.7	13.7	41.1

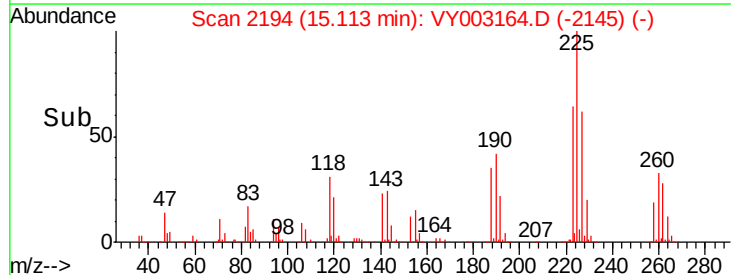
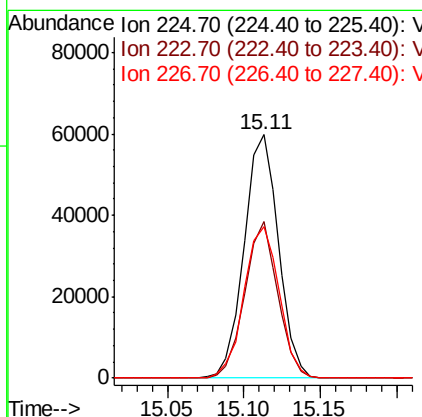
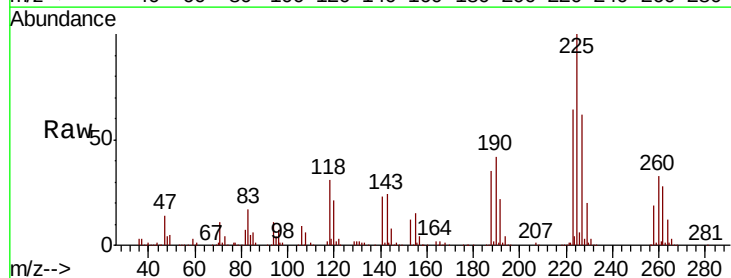
Manual Integrations
 APPROVED

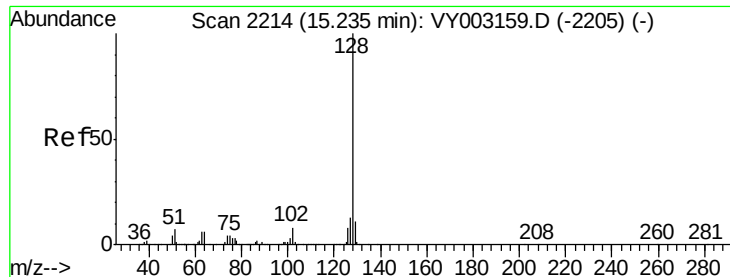
MMDadoda
 7/13/2020 10:47:46 AM



#94
 Hexachlorobutadiene
 Concen: 20.993 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY003164.D
 Acq: 10 Jul 2020 15:34

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.8	31.6	94.7
227	64.0	32.3	96.8





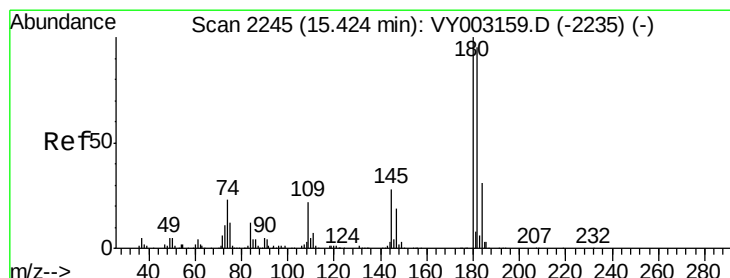
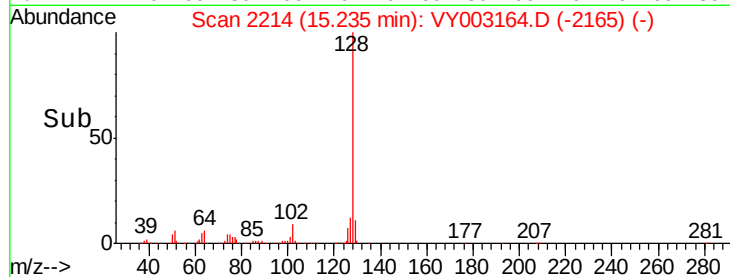
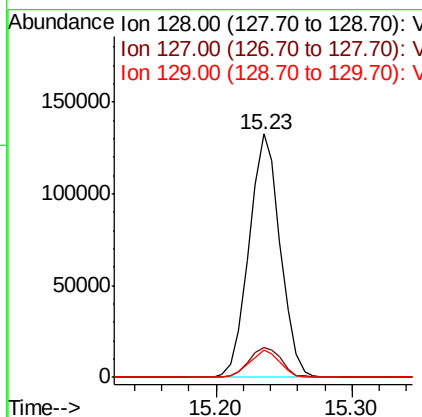
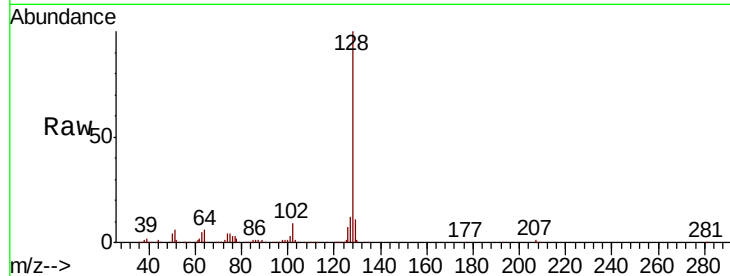
#95
Naphthalene
Concen: 19.851 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY003164.D
Acq: 10 Jul 2020 15:34

Instrument :
MSVOA_Y
ClientSampleId :
VY0710SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	212984		
127	12.9		10.9	16.3
129	11.0		9.0	13.6

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 19.779 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY003164.D
Acq: 10 Jul 2020 15:34

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	101504		
182	96.4		48.8	146.3
145	29.0		14.9	44.5

