

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY031820\
 Data File : VY002007.D
 Acq On : 18 Mar 2020 12:33
 Operator : SY/MD
 Sample : VY0318SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0318SBS01

Manual Integrations
 APPROVED

MMDadoda
 3/19/2020 11:59:37 AM

Quant Time: Mar 19 04:24:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	155842	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	278835	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	250424	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	114787	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	86762	52.15	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	104.30%	
35) Dibromofluoromethane	7.74	113	83360	54.75	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	109.50%	
50) Toluene-d8	10.19	98	355057	55.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.60%	
62) 4-Bromofluorobenzene	12.49	95	122139	54.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	26809	18.636	ug/l	95
3) Chloromethane	2.13	50	37515	19.343	ug/l	99
4) Vinyl Chloride	2.27	62	38534	19.533	ug/l	98
5) Bromomethane	2.66	94	26537	19.455	ug/l	99
6) Chloroethane	2.80	64	24803	20.015	ug/l	95
7) Trichlorofluoromethane	3.15	101	52732	19.709	ug/l	92
8) Diethyl Ether	3.55	74	20751	19.679	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.92	101	35740	20.769	ug/l	100
10) Methyl Iodide	4.11	142	37615	18.902	ug/l	99
11) Tert butyl alcohol	4.97	59	22920	120.705	ug/l #	74
12) 1,1-Dichloroethene	3.90	96	35240	20.338	ug/l	98
13) Acrolein	3.75	56	16213	69.348	ug/l	98
14) Allyl chloride	4.51	41	63286	20.603	ug/l	99
15) Acrylonitrile	5.19	53	50975	90.465	ug/l	98
16) Acetone	3.97	43	42486	87.677	ug/l	100
17) Carbon Disulfide	4.22	76	106390	18.265	ug/l	98
18) Methyl Acetate	4.50	43	22806	18.317	ug/l	99
19) Methyl tert-butyl Ether	5.25	73	89521	19.065	ug/l	100
20) Methylene Chloride	4.74	84	45005	21.670	ug/l	97
21) trans-1,2-Dichloroethene	5.25	96	39954	20.316	ug/l	98
22) Diisopropyl ether	6.15	45	129209	20.521	ug/l	93
23) Vinyl Acetate	6.09	43	386613	93.662	ug/l	98
24) 1,1-Dichloroethane	6.05	63	69553	20.398	ug/l	98
25) 2-Butanone	7.01	43	65371	88.710	ug/l	100
26) 2,2-Dichloropropane	7.00	77	59883	21.397	ug/l	98
27) cis-1,2-Dichloroethene	7.01	96	43227	20.207	ug/l	96
28) Bromochloromethane	7.36	49	31988	20.813	ug/l	98
29) Tetrahydrofuran	7.37	42	42349	86.541	ug/l	99
30) Chloroform	7.53	83	66442	20.740	ug/l	98
31) Cyclohexane	7.80	56	72413	19.807	ug/l	99
32) 1,1,1-Trichloroethane	7.72	97	56103	20.778	ug/l	98
36) 1,1-Dichloropropene	7.94	75	54761	20.409	ug/l	99
37) Ethyl Acetate	7.10	43	29261	18.763	ug/l	99
38) Carbon Tetrachloride	7.92	117	47749	20.831	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	72763	20.446	ug/l	99
40) Benzene	8.18	78	163539	20.563	ug/l	100
41) Methacrylonitrile	7.35	41	18938m	26.984	ug/l	
42) 1,2-Dichloroethane	8.25	62	40910	19.962	ug/l	100
43) Isopropyl Acetate	8.28	43	53889	18.251	ug/l	99
44) Trichloroethene	8.95	130	39742	20.518	ug/l	99
45) 1,2-Dichloropropane	9.23	63	41199	20.607	ug/l	95
46) Dibromomethane	9.32	93	19987	19.400	ug/l	99
47) Bromodichloromethane	9.50	83	48758	20.344	ug/l	99
48) Methyl methacrylate	9.30	41	23532	17.961	ug/l	95
49) 1,4-Dioxane	9.31	88	4799	339.937	ug/l #	79
51) 4-Methyl-2-Pentanone	10.08	43	143727	94.508	ug/l	99
52) Toluene	10.25	92	100456	20.792	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	53027	20.308	ug/l	96
54) cis-1,3-Dichloropropene	9.94	75	63446	20.411	ug/l	99
55) 1,1,2-Trichloroethane	10.65	97	30074	19.946	ug/l	94
56) Ethyl methacrylate	10.52	69	41186	18.636	ug/l	96
57) 1,3-Dichloropropane	10.80	76	52765	19.632	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.79	63	114397	133.030	ug/l	99
59) 2-Hexanone	10.84	43	96274	88.694	ug/l	100
60) Dibromochloromethane	10.99	129	32023	20.155	ug/l	97
61) 1,2-Dibromoethane	11.10	107	27116	18.985	ug/l	100
64) Tetrachloroethene	10.72	164	33016	21.023	ug/l	98
65) Chlorobenzene	11.52	112	103212	20.685	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	34262	20.939	ug/l	100
67) Ethyl Benzene	11.60	91	193629	20.807	ug/l	99
68) m/p-Xylenes	11.70	106	145696	42.347	ug/l	98
69) o-Xylene	12.03	106	67275	20.746	ug/l	99
70) Styrene	12.05	104	115850	20.859	ug/l	100
71) Bromoform	12.21	173	16742	18.866	ug/l #	98
73) Isopropylbenzene	12.33	105	185405	21.159	ug/l	99
74) N-amyl acetate	12.15	43	49778	18.484	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	36038	19.072	ug/l	97
76) 1,2,3-Trichloropropane	12.64	75	23394m	17.176	ug/l	
77) Bromobenzene	12.61	156	37988	20.462	ug/l	97
78) n-propylbenzene	12.67	91	229594	21.238	ug/l	99
79) 2-Chlorotoluene	12.76	91	125448	21.004	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	151858	21.051	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	12542	18.600	ug/l	97
82) 4-Chlorotoluene	12.86	91	131407	21.131	ug/l	100
83) tert-Butylbenzene	13.08	119	127231	21.235	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	154174	21.536	ug/l	100
85) sec-Butylbenzene	13.26	105	191234	21.654	ug/l	100
86) p-Isopropyltoluene	13.38	119	165710	21.752	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	77710	21.361	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	76513	20.731	ug/l	98
89) n-Butylbenzene	13.70	91	172365	21.808	ug/l	99
90) Hexachloroethane	13.97	117	29808	20.740	ug/l	97
91) 1,2-Dichlorobenzene	13.74	146	69482	21.023	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	5473	18.561	ug/l	97

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MSVOA_Y
ClientSampleId :
VY0318SBSD01

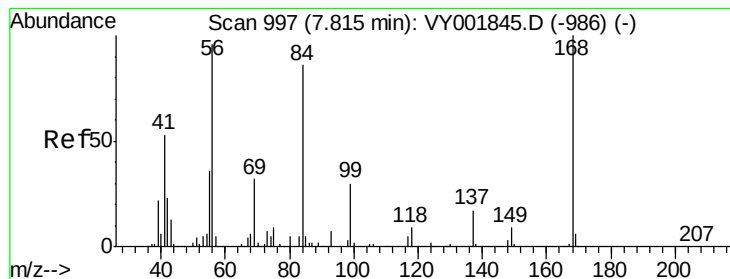
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Quant Title : SW846 8260
QLast Update : Thu Mar 05 04:05:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	44000	20.528	ug/l	96
94) Hexachlorobutadiene	15.12	225	23265	22.263	ug/l	98
95) Naphthalene	15.24	128	95211	18.727	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	38854	20.577	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY002007.D

Acq: 18 Mar 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0318SBS01

Tot Ion:168 Resp: 155842

Ion Ratio Lower Upper

168 100

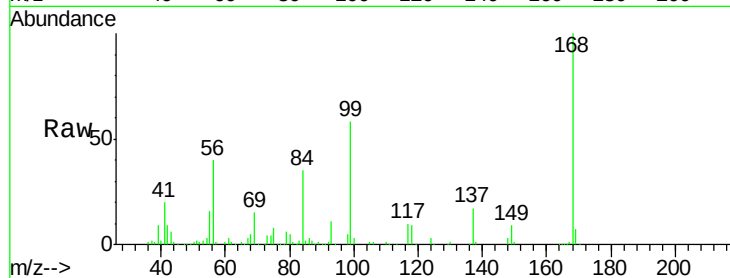
99 57.5 46.7 70.1

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Abundance Ion 167.90 (167.60 to 168.60): VY001845.D (-986) (-)

Ion 98.90 (98.60 to 99.60): VY001845.D (-986) (-)

7.81

60000

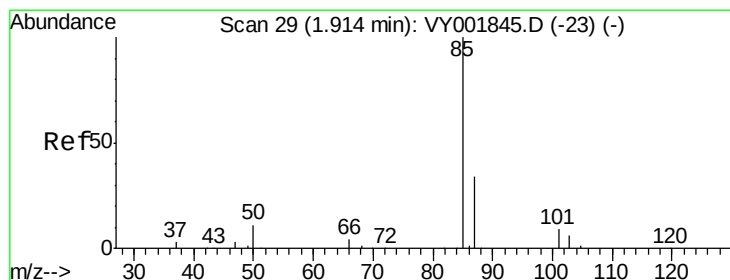
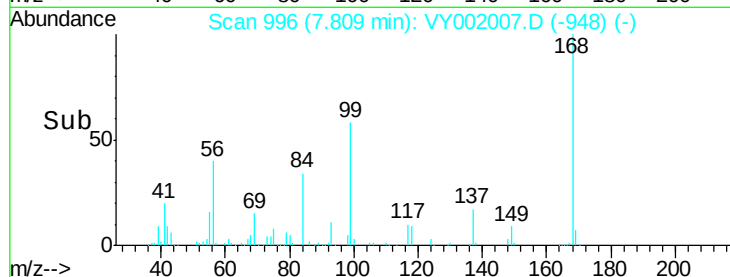
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 18.636 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.00 min

Lab File: VY002007.D

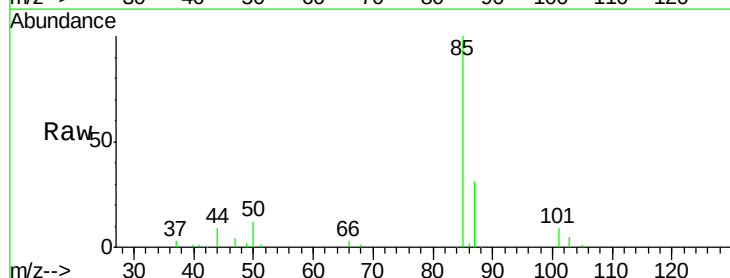
Acq: 18 Mar 2020 12:33

Tgt Ion: 85 Resp: 26809

Ion Ratio Lower Upper

85 100

87 30.6 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VY001845.D (-23) (-)

Ion 86.90 (86.60 to 87.60): VY001845.D (-23) (-)

1.91

20000

15000

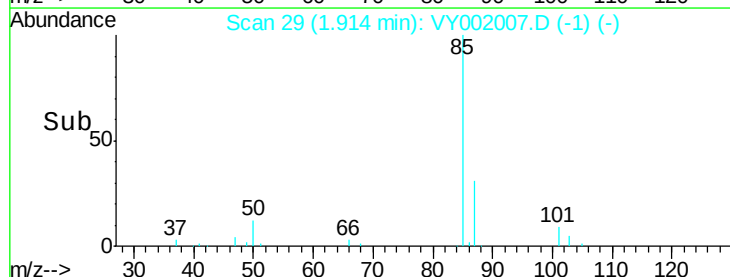
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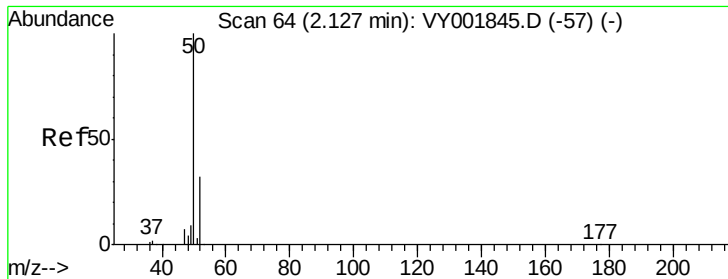
5000

0

1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 19.343 ug/l

RT: 2.13 min Scan# 64

Delta R.T. 0.00 min

Lab File: VY002007.D

Acq: 18 Mar 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0318SBS01

Tot Ion: 50 Resp: 37515

Ion Ratio Lower Upper

50 100

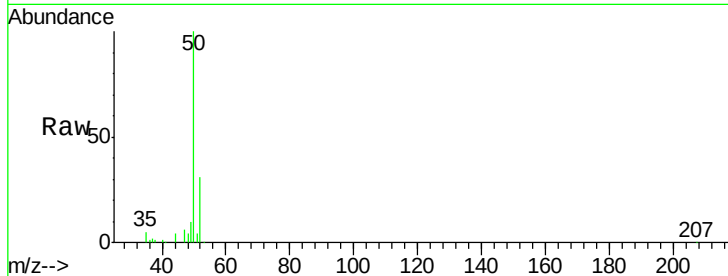
52 31.4 25.8 38.6

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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0

2.13

25000

20000

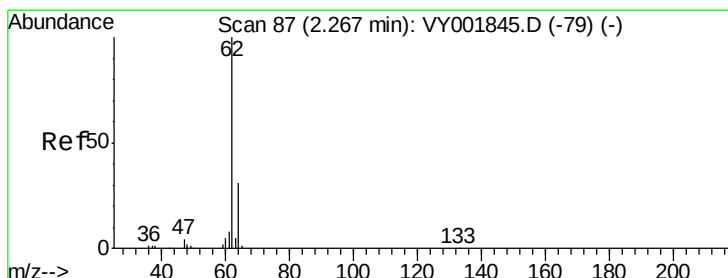
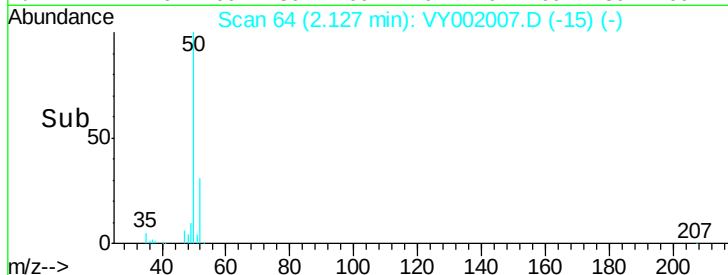
15000

10000

5000

0

Time-->



#4

Vinyl Chloride

Concen: 19.533 ug/l

RT: 2.27 min Scan# 87

Delta R.T. 0.00 min

Lab File: VY002007.D

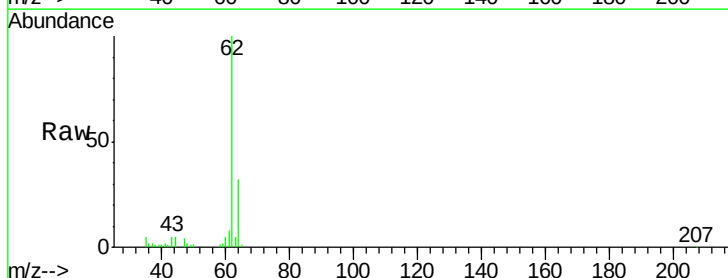
Acq: 18 Mar 2020 12:33

Tgt Ion: 62 Resp: 38534

Ion Ratio Lower Upper

62 100

64 32.2 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0

2.27

25000

20000

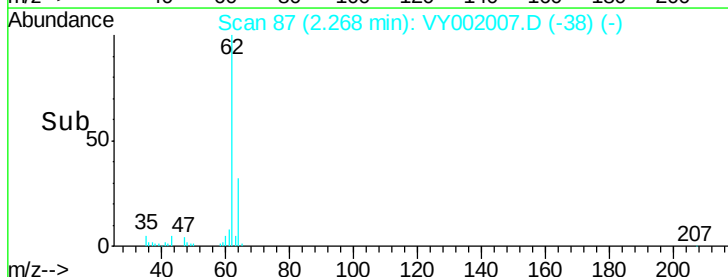
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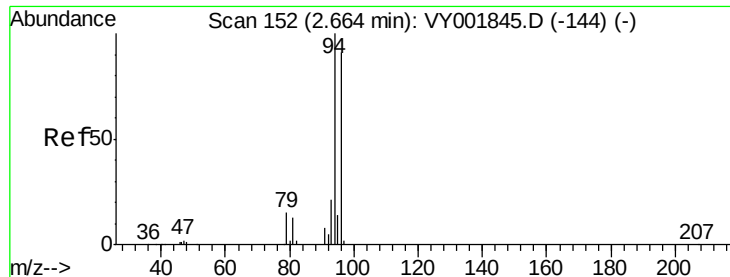
10000

5000

0

Time-->





#5

Bromomethane

Concen: 19.455 ug/l

RT: 2.66 min Scan# 151

Delta R.T. -0.01 min

Lab File: VY002007.D

Acq: 18 Mar 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0318SBS01

Tot Ion: 94 Resp: 26537

Ion Ratio Lower Upper

94 100

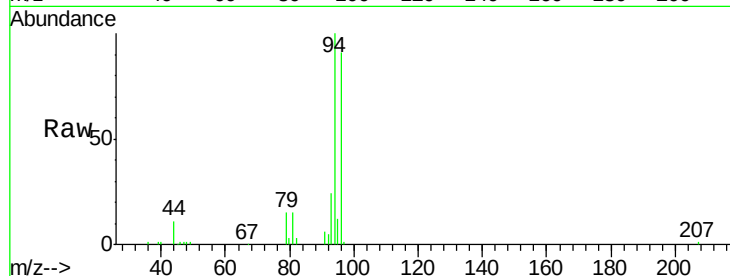
96 90.9 73.2 109.8

Manual Integrations

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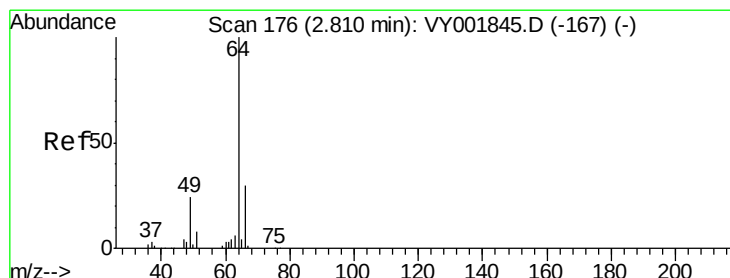
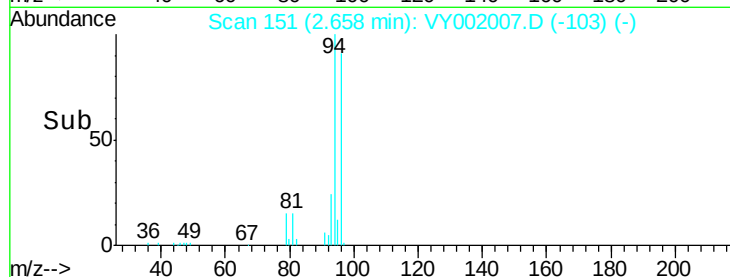
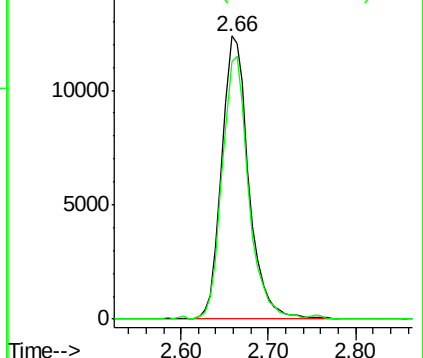
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 20.015 ug/l

RT: 2.80 min Scan# 175

Delta R.T. -0.01 min

Lab File: VY002007.D

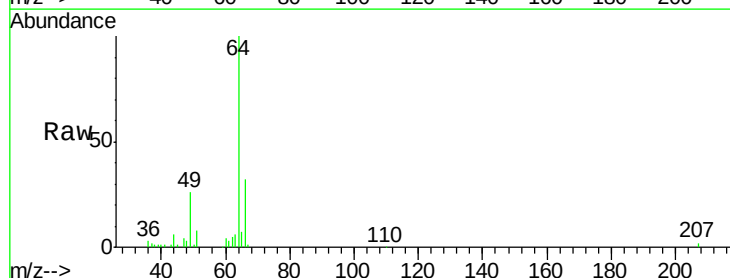
Acq: 18 Mar 2020 12:33

Tgt Ion: 64 Resp: 24803

Ion Ratio Lower Upper

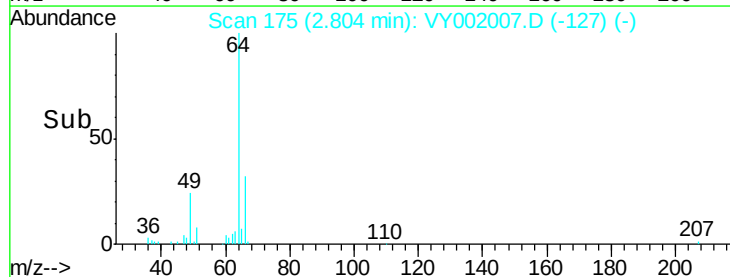
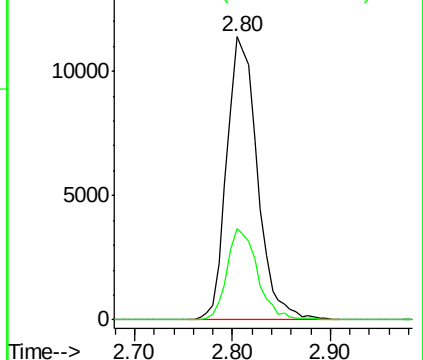
64 100

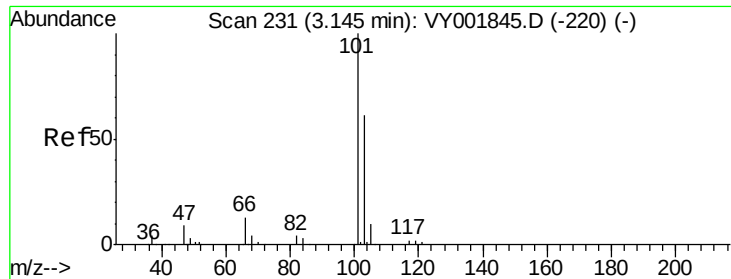
66 32.3 23.8 35.8



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

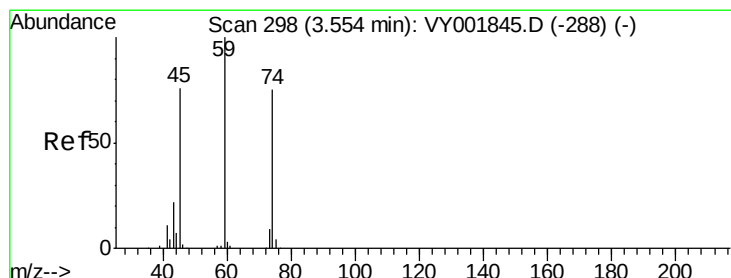
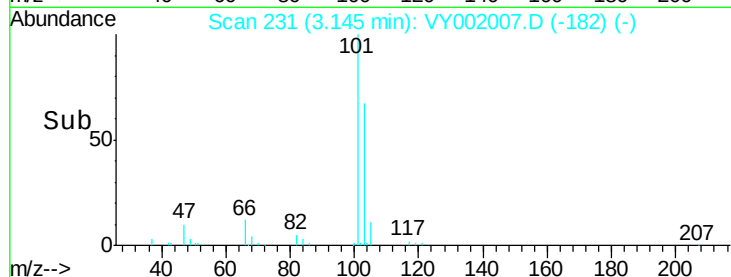
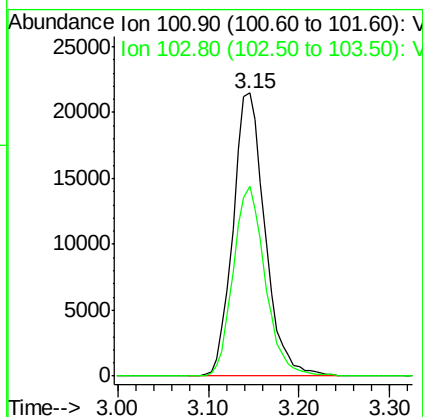
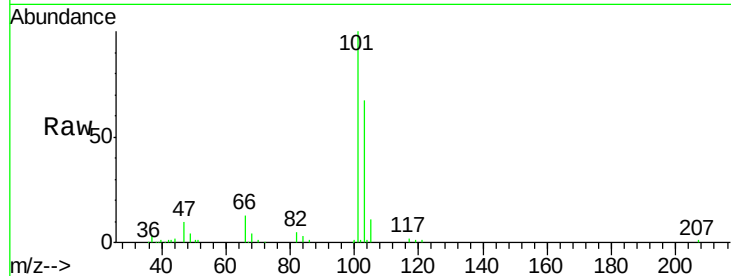
Trichlorofluoromethane
Concen: 19.709 ug/l
RT: 3.15 min Scan# 231
Delta R.T. 0.00 min
Lab File: VY002007.D
Acq: 18 Mar 2020 12:33

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ClientSampleId :
VY0318SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	67.2	49.1	73.7

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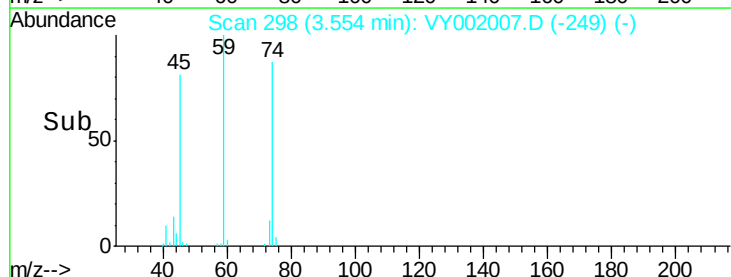
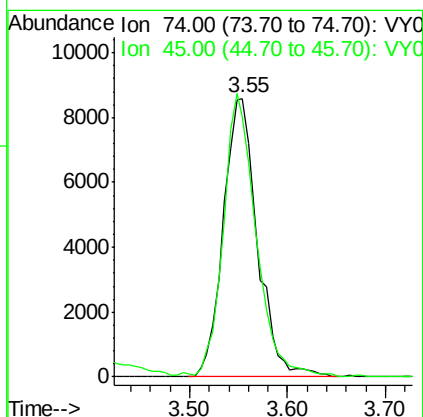
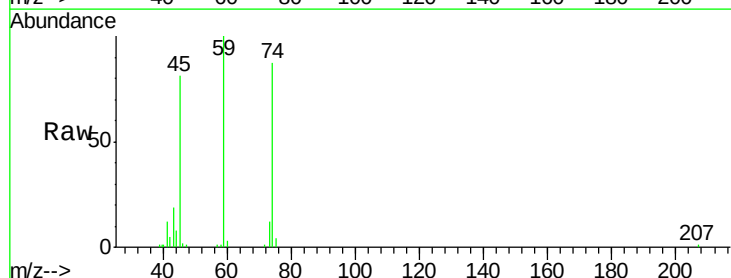
MMDadoda
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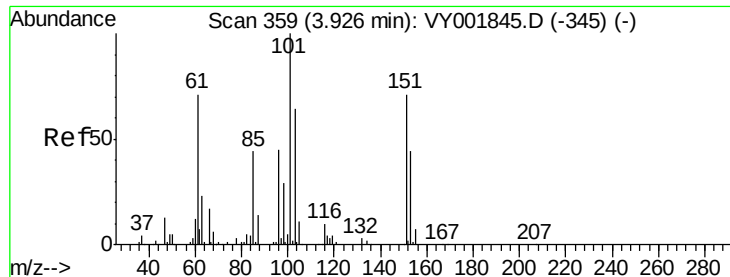


#8

Diethyl Ether
Concen: 19.679 ug/l
RT: 3.55 min Scan# 298
Delta R.T. 0.00 min
Lab File: VY002007.D
Acq: 18 Mar 2020 12:33

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.2	50.5	151.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.769 ug/l

RT: 3.92 min Scan# 358

Delta R.T. -0.01 min

Lab File: VY002007.D

Acq: 18 Mar 2020 12:33

Instrument :

MSVOA_Y

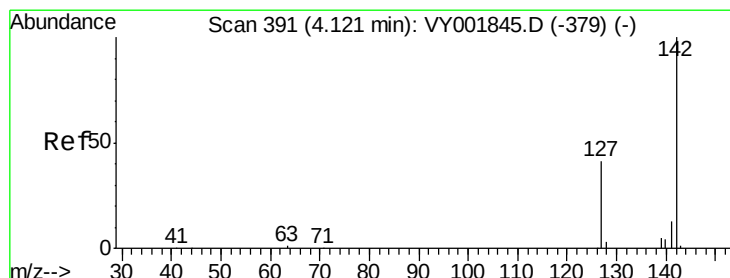
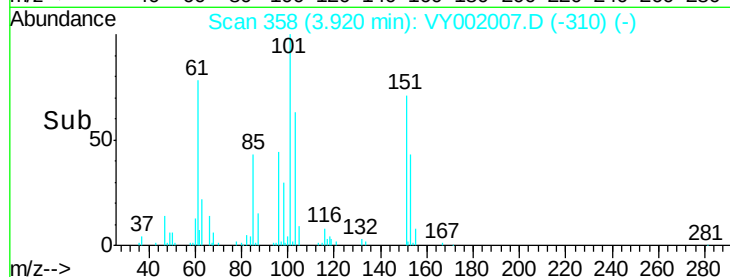
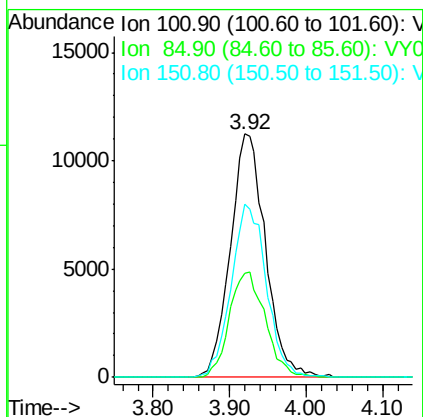
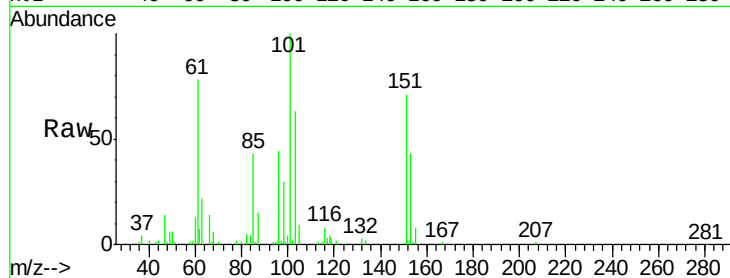
ClientSampleId :

VY0318SBS01

Tot Ion:	101	Resp:	35740
Ion Ratio	Lower	Upper	
101	100		
85	44.2	35.3	52.9
151	71.4	57.0	85.4

Manual Integrations
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#10

Methyl Iodide

Concen: 18.902 ug/l

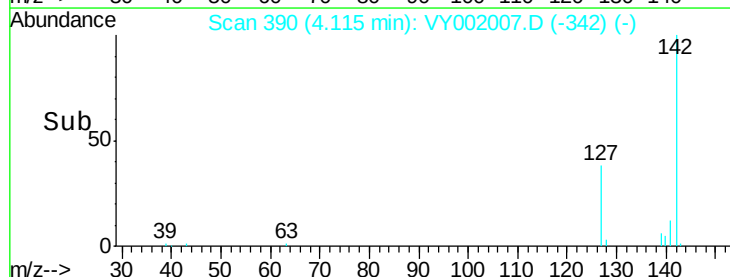
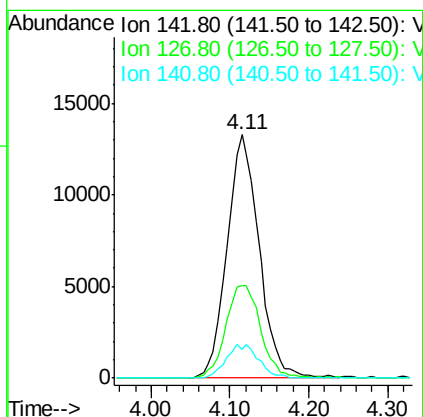
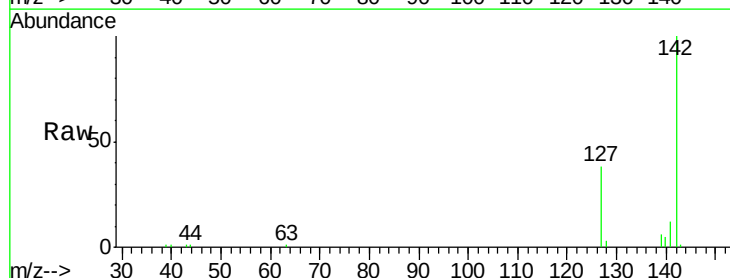
RT: 4.11 min Scan# 390

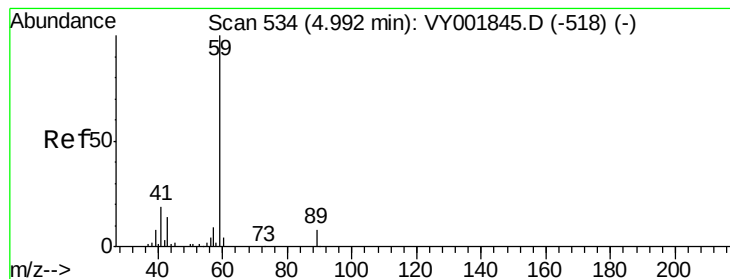
Delta R.T. -0.01 min

Lab File: VY002007.D

Acq: 18 Mar 2020 12:33

Tgt Ion:	142	Resp:	37615
Ion Ratio	Lower	Upper	
142	100		
127	41.3	32.7	49.1
141	13.9	11.0	16.6





#11

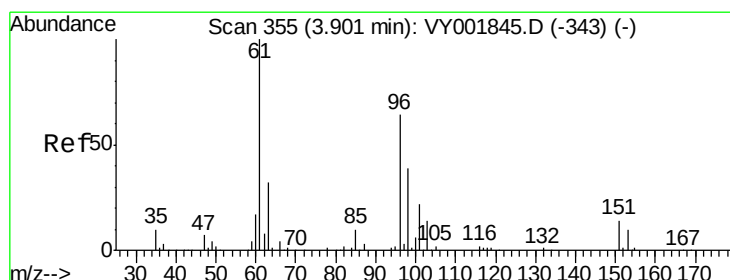
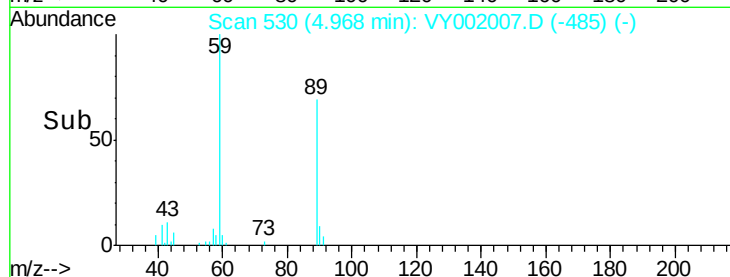
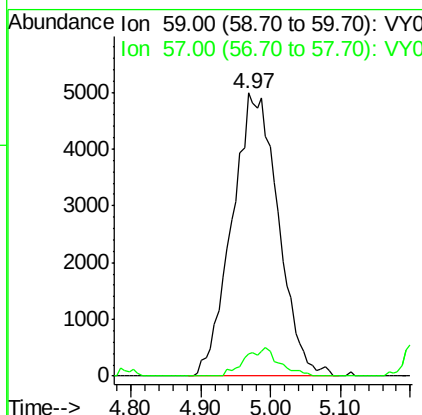
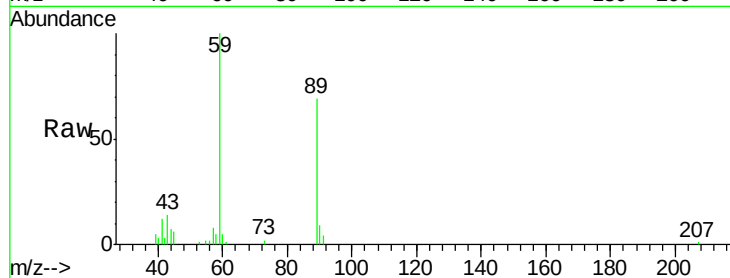
Tert butyl alcohol
 Concen: 120.705 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. -0.02 min
 Lab File: VY002007.D
 Acq: 18 Mar 2020 12:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0318SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.4	11.2#

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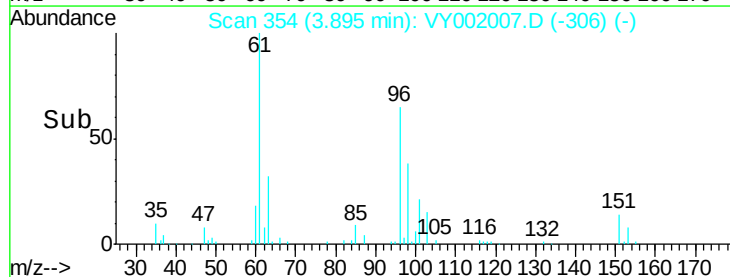
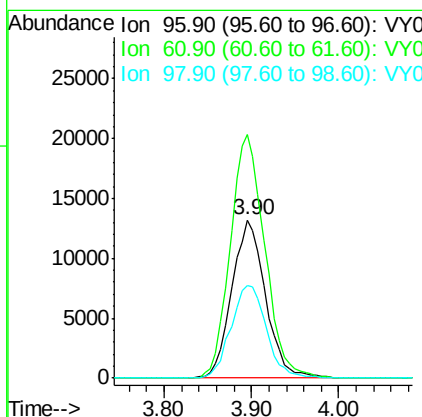
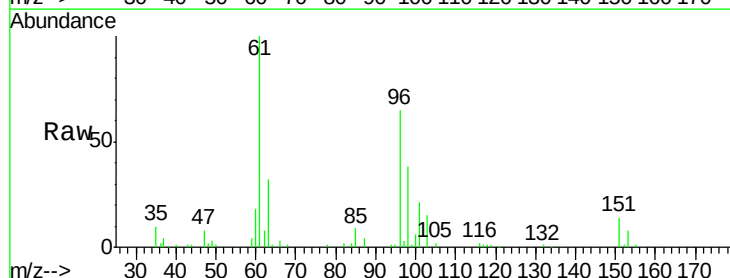
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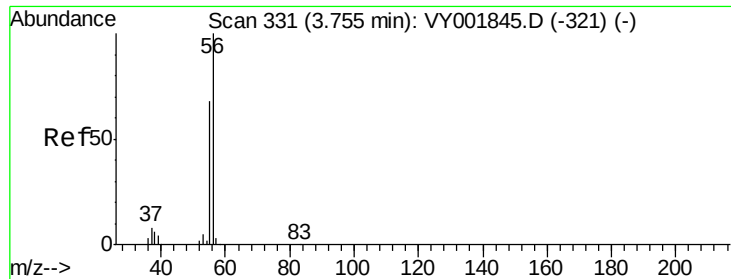


#12

1,1-Dichloroethene
 Concen: 20.338 ug/l
 RT: 3.90 min Scan# 354
 Delta R.T. -0.01 min
 Lab File: VY002007.D
 Acq: 18 Mar 2020 12:33

Tgt Ion	Ratio	Lower	Upper
96	100		
61	154.0	124.8	187.2
98	58.8	49.2	73.8





#13

Acrolein

Concen: 69.348 ug/l

RT: 3.75 min Scan# 330

Delta R.T. -0.01 min

Lab File: VY002007.D

Acq: 18 Mar 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0318SBS01

Tot Ion: 56 Resp: 16213

Ion Ratio Lower Upper

56 100

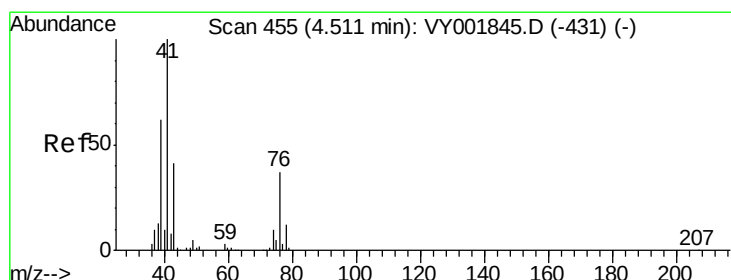
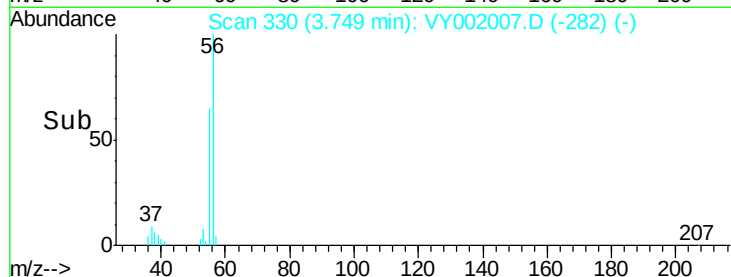
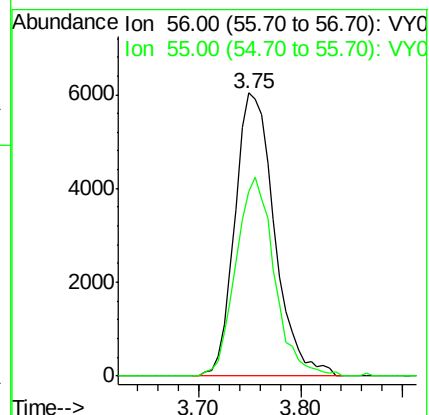
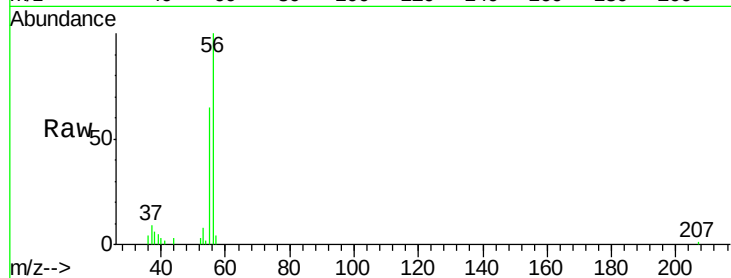
55 68.8 54.0 81.0

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#14

Allyl chloride

Concen: 20.603 ug/l

RT: 4.51 min Scan# 455

Delta R.T. 0.00 min

Lab File: VY002007.D

Acq: 18 Mar 2020 12:33

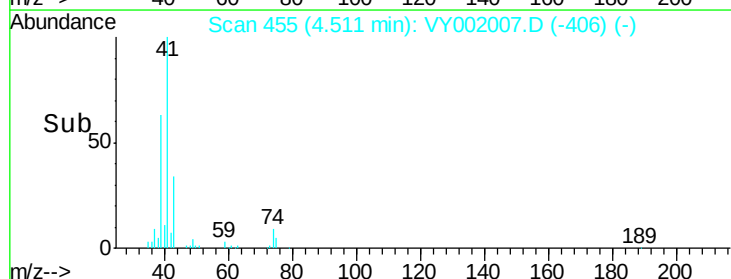
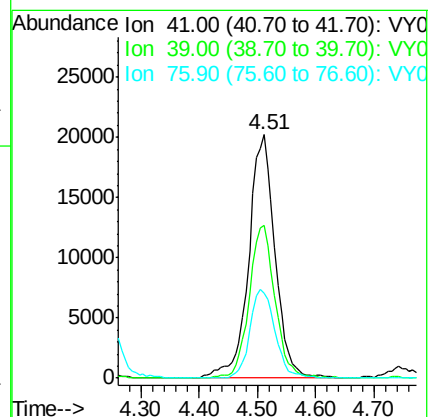
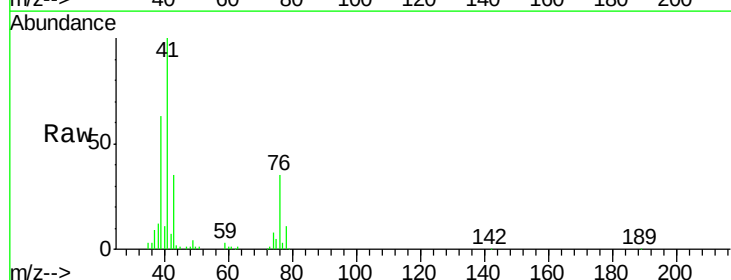
Tgt Ion: 41 Resp: 63286

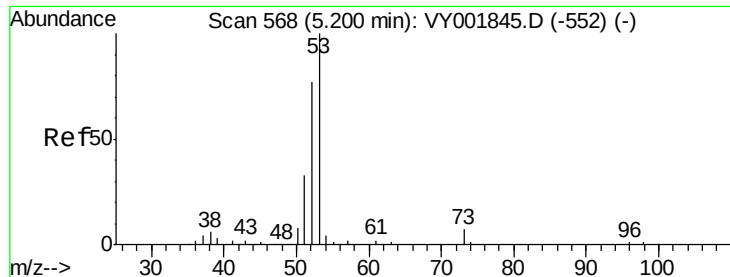
Ion Ratio Lower Upper

41 100

39 61.6 49.0 73.6

76 34.7 28.9 43.3





#15

Acrylonitrile

Concen: 90.465 ug/l

RT: 5.19 min Scan# 567

Delta R.T. -0.01 min

Lab File: VY002007.D

Acq: 18 Mar 2020 12:33

Instrument :

MSVOA_Y

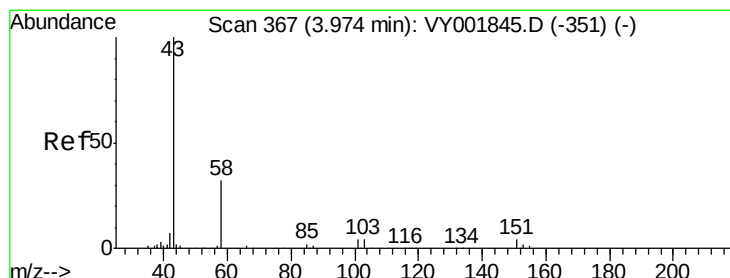
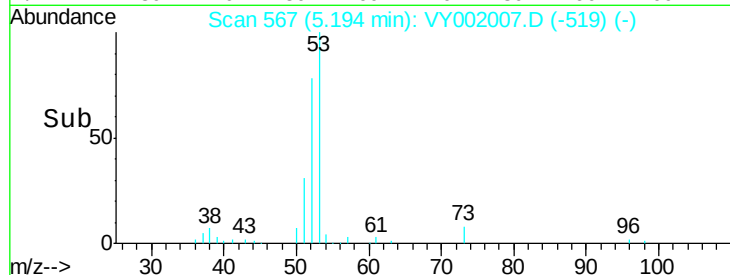
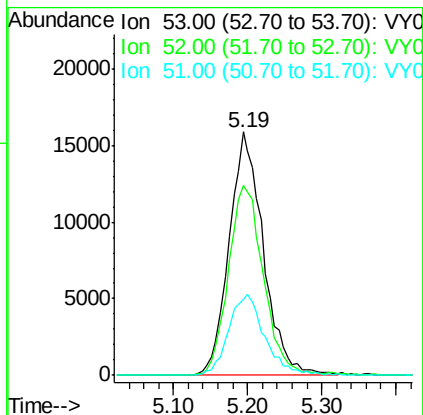
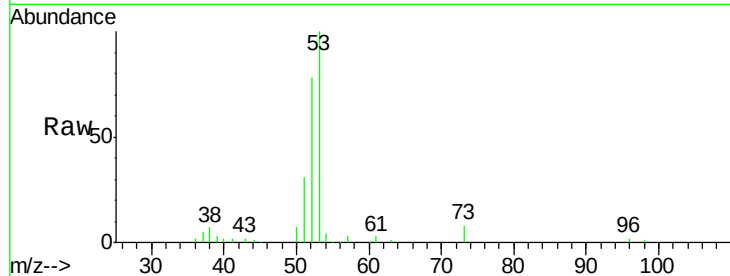
ClientSampleId :

VY0318SBS01

Tot Ion:	53	Resp:	50975
Ion	Ratio	Lower	Upper
53	100		
52	79.7	65.1	97.7
51	35.0	27.5	41.3

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#16

Acetone

Concen: 87.677 ug/l

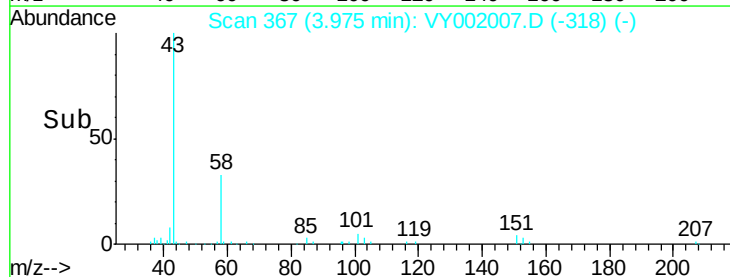
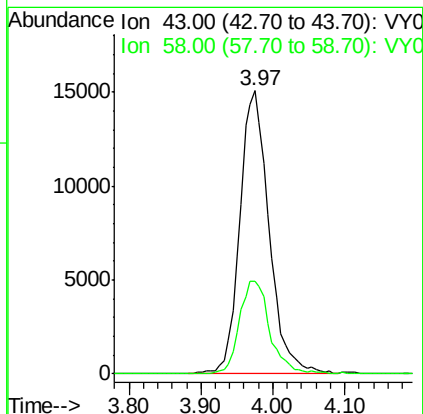
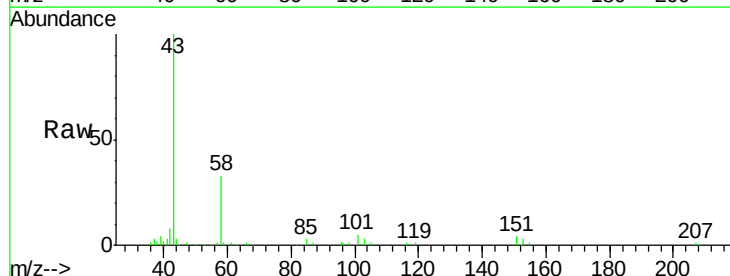
RT: 3.97 min Scan# 367

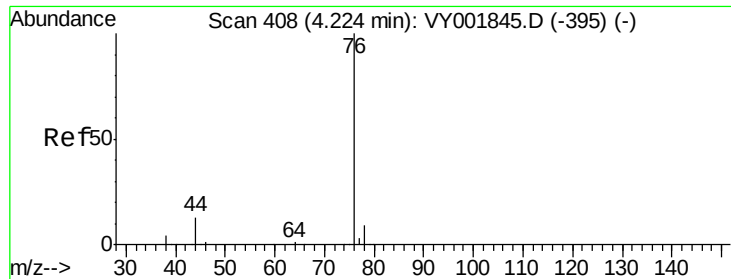
Delta R.T. 0.00 min

Lab File: VY002007.D

Acq: 18 Mar 2020 12:33

Tgt Ion:	43	Resp:	42486
Ion	Ratio	Lower	Upper
43	100		
58	32.6	25.9	38.9





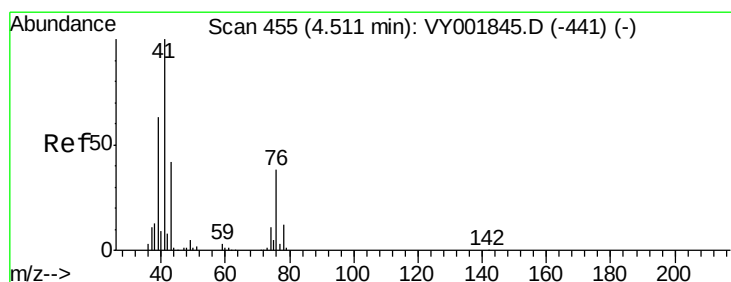
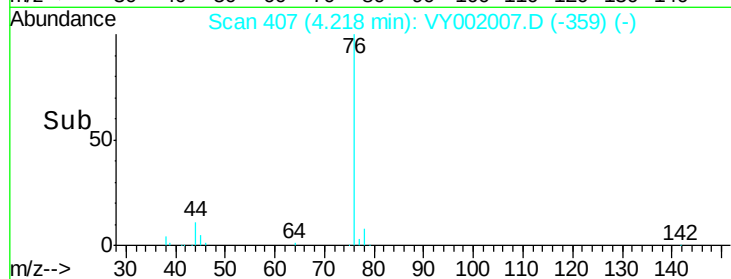
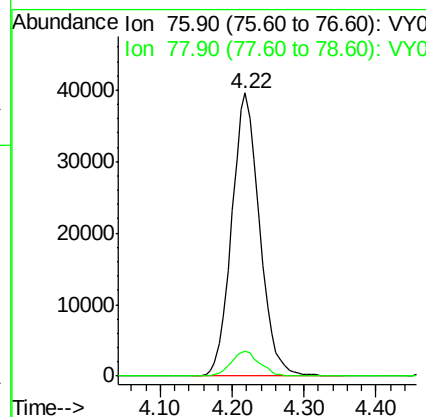
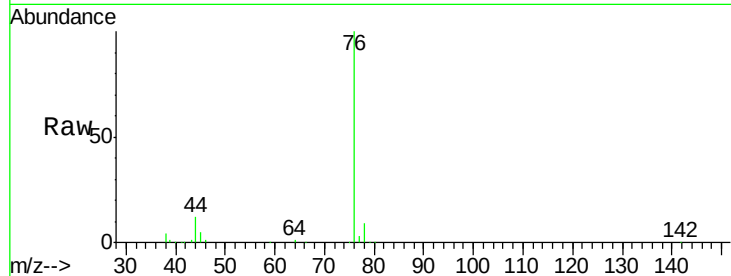
#17
Carbon Disulfide
Concen: 18.265 ug/l
RT: 4.22 min Scan# 407
Delta R.T. -0.01 min
Lab File: VY002007.D
Acq: 18 Mar 2020 12:33

Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.4	11.2

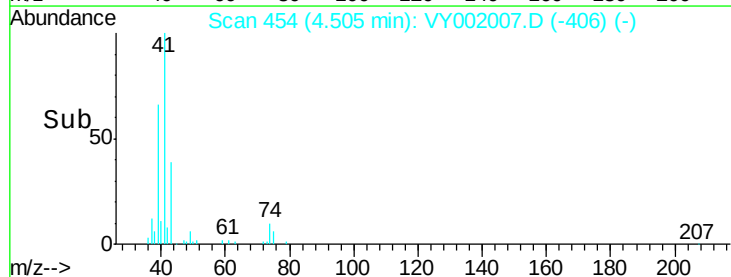
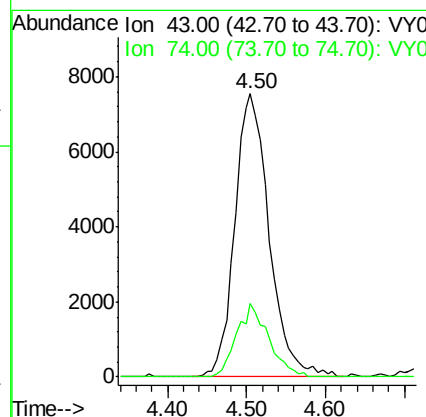
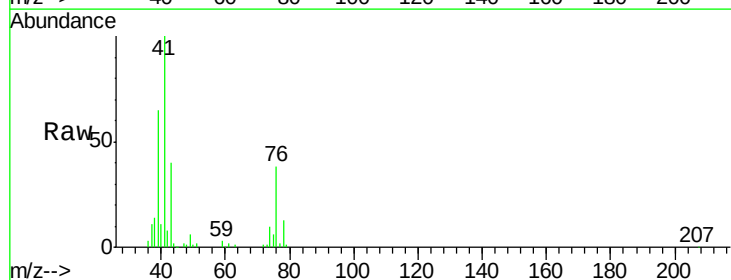
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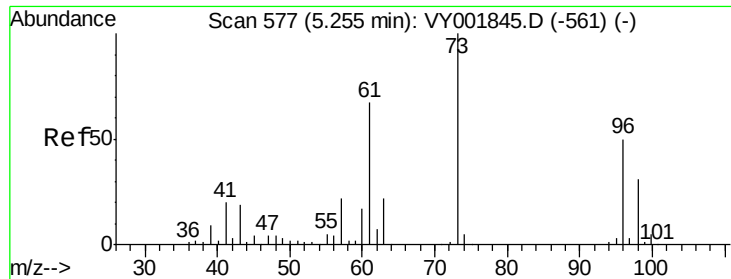
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#18
Methyl Acetate
Concen: 18.317 ug/l
RT: 4.50 min Scan# 454
Delta R.T. -0.01 min
Lab File: VY002007.D
Acq: 18 Mar 2020 12:33

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.1	19.0	28.6





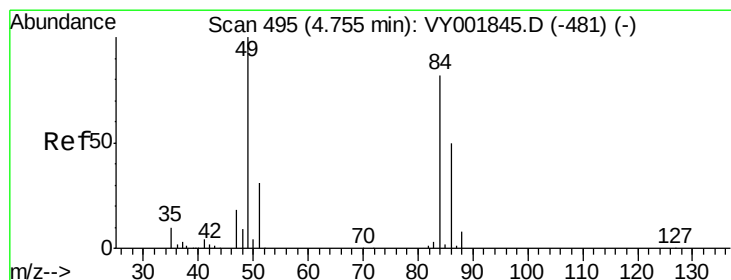
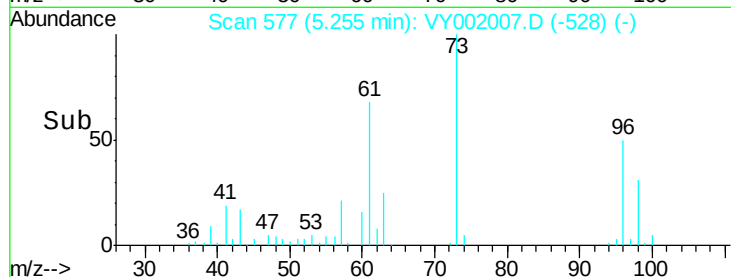
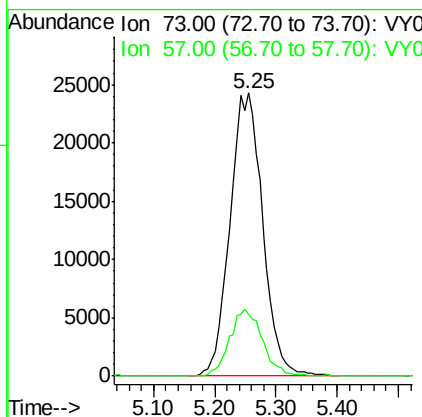
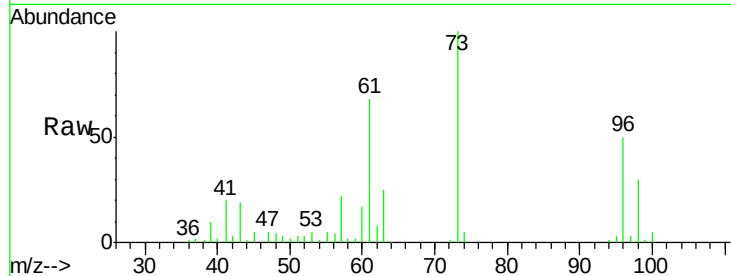
#19
Methyl tert-butyl Ether
Concen: 19.065 ug/l
RT: 5.25 min Scan# 577
Delta R.T. 0.00 min
Lab File: VY002007.D
Acq: 18 Mar 2020 12:33

Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBS01

Tot Ion: 73 Resp: 89521
Ion Ratio Lower Upper
73 100
57 21.8 17.4 26.2

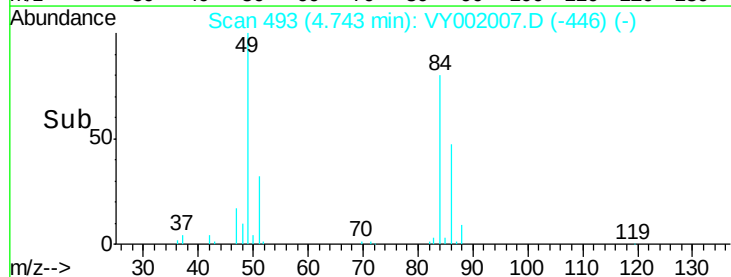
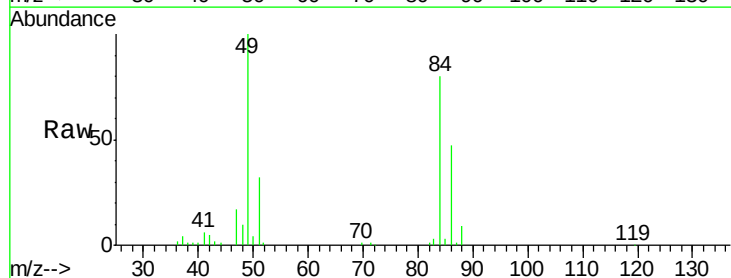
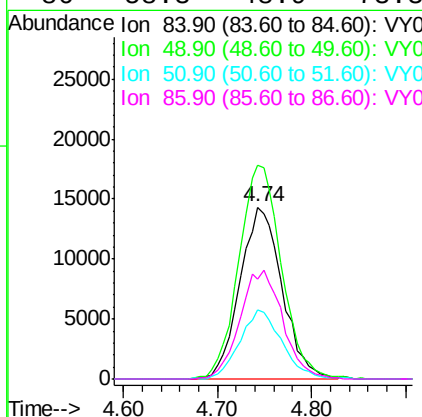
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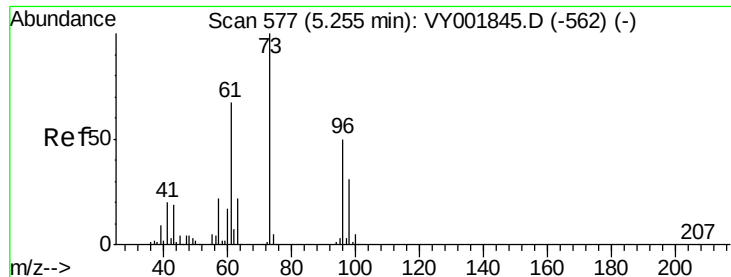
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#20
Methylene Chloride
Concen: 21.670 ug/l
RT: 4.74 min Scan# 493
Delta R.T. -0.01 min
Lab File: VY002007.D
Acq: 18 Mar 2020 12:33

Tgt Ion: 84 Resp: 45005
Ion Ratio Lower Upper
84 100
49 124.5 98.2 147.2
51 40.1 30.2 45.2
86 58.3 48.9 73.3





#21

trans-1,2-Dichloroethene

Concen: 20.316 ug/l

RT: 5.25 min Scan# 576

Delta R.T. -0.01 min

Lab File: VY002007.D

Acq: 18 Mar 2020 12:33

Instrument :

MSVOA_Y

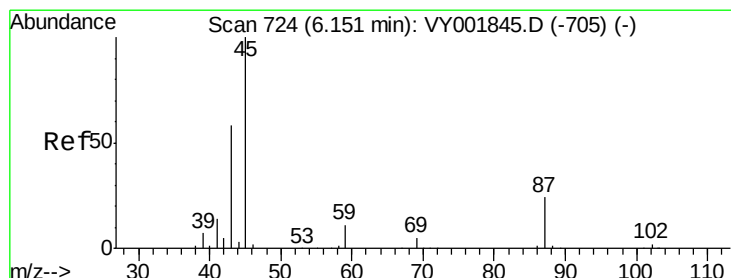
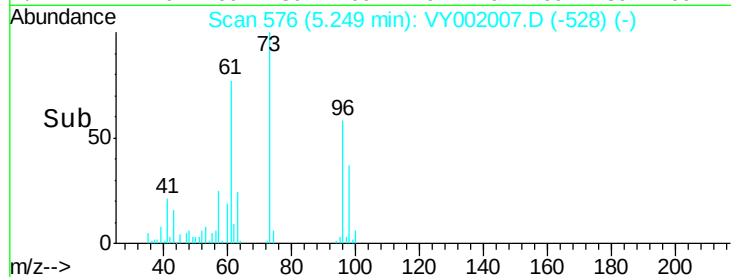
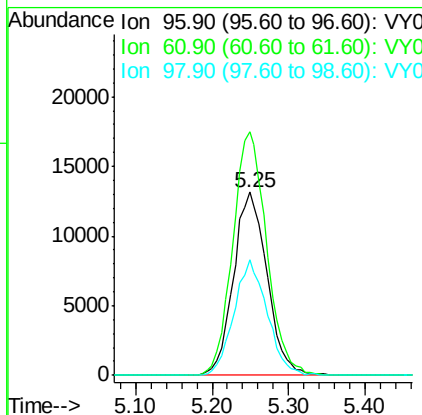
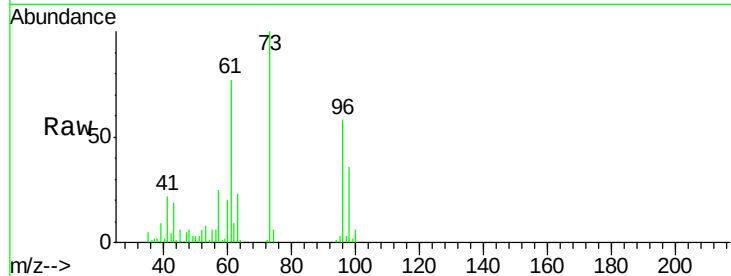
ClientSampleId :

VY0318SBS01

Tot Ion:	96	Resp:	39954
Ion	Ratio	Lower	Upper
96	100		
61	132.9	107.7	161.5
98	63.2	49.3	73.9

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#22

Diisopropyl ether

Concen: 20.521 ug/l

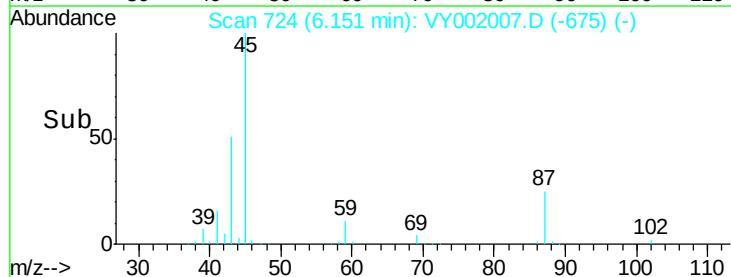
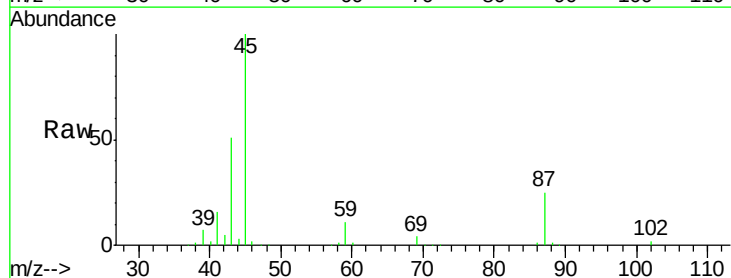
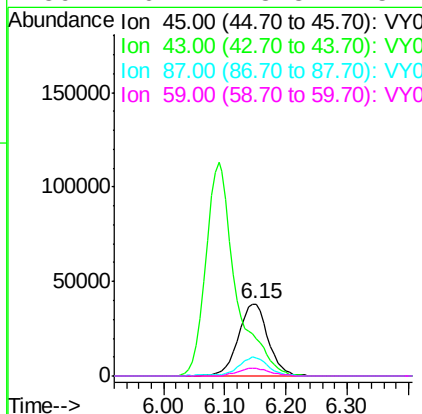
RT: 6.15 min Scan# 724

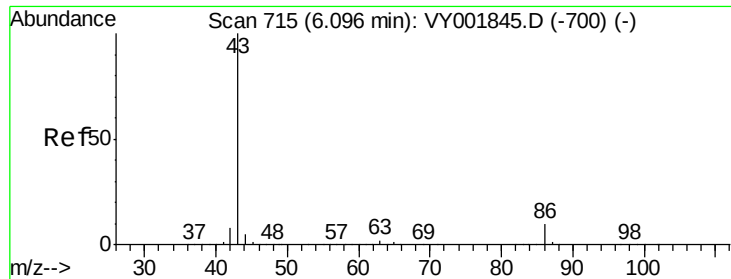
Delta R.T. 0.00 min

Lab File: VY002007.D

Acq: 18 Mar 2020 12:33

Tgt Ion:	45	Resp:	129209
Ion	Ratio	Lower	Upper
45	100		
43	50.8	47.2	70.8
87	25.1	19.8	29.8
59	10.7	8.8	13.2





#23

Vinyl Acetate

Concen: 93.662 ug/l

RT: 6.09 min Scan# 714

Delta R.T. -0.01 min

Lab File: VY002007.D

Acq: 18 Mar 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0318SBS01

Tot Ion: 43 Resp: 386613

Ion Ratio Lower Upper

43 100

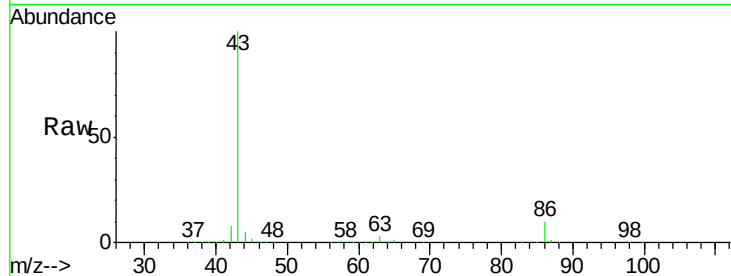
86 10.5 7.8 11.8

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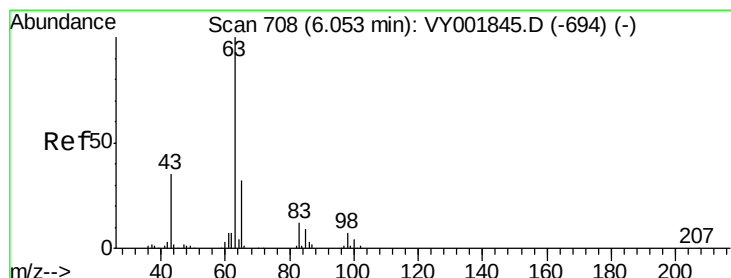
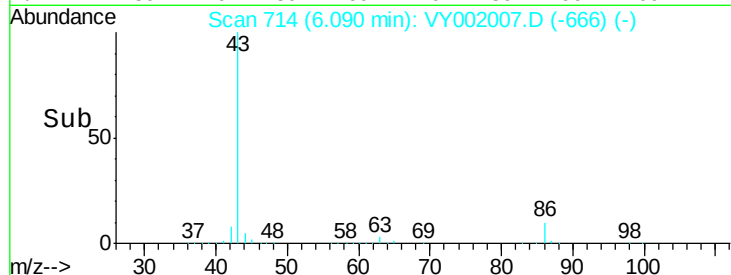
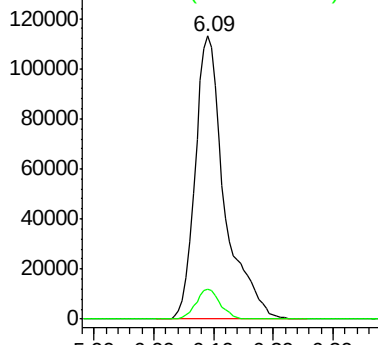
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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 20.398 ug/l

RT: 6.05 min Scan# 707

Delta R.T. -0.01 min

Lab File: VY002007.D

Acq: 18 Mar 2020 12:33

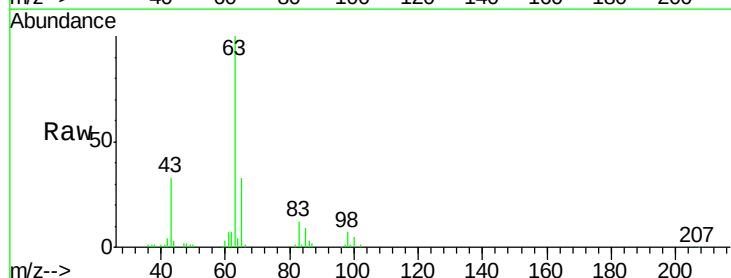
Tgt Ion: 63 Resp: 69553

Ion Ratio Lower Upper

63 100

98 7.3 3.4 10.2

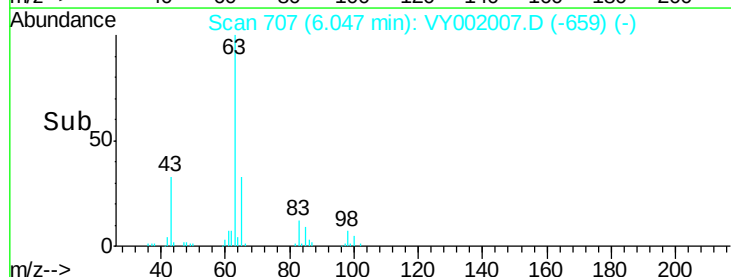
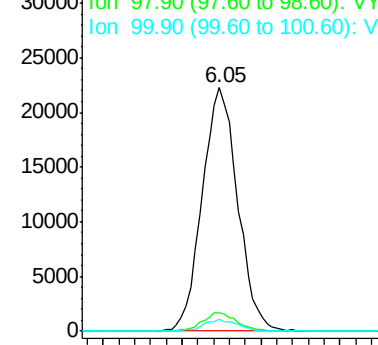
100 4.7 2.0 6.0

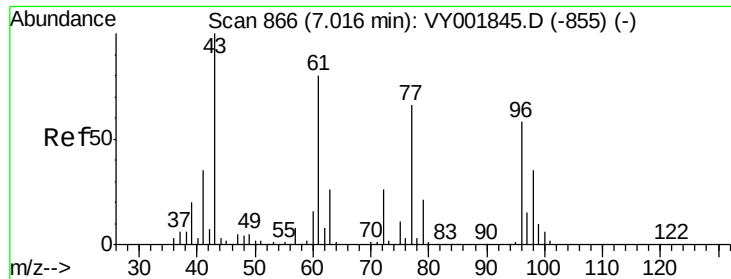


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 88.710 ug/l

RT: 7.01 min Scan# 865

Delta R.T. -0.01 min

Lab File: VY002007.D

Acq: 18 Mar 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0318SBS01

Tot Ion: 43 Resp: 65371

Ion Ratio Lower Upper

43 100

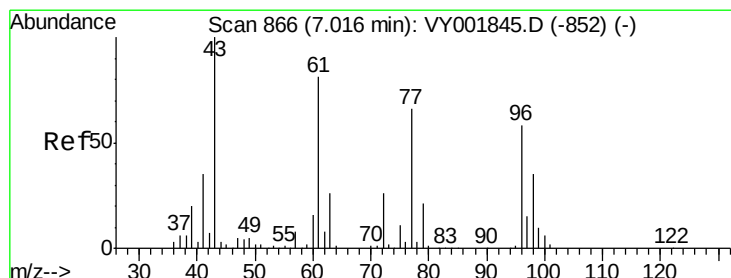
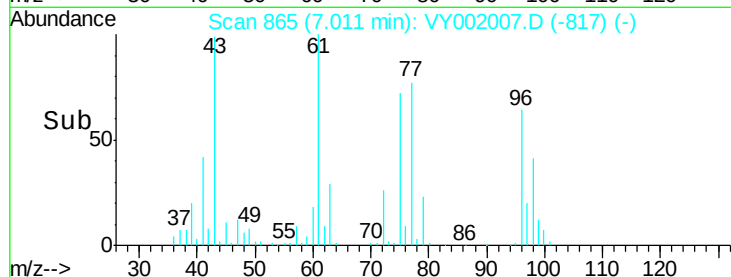
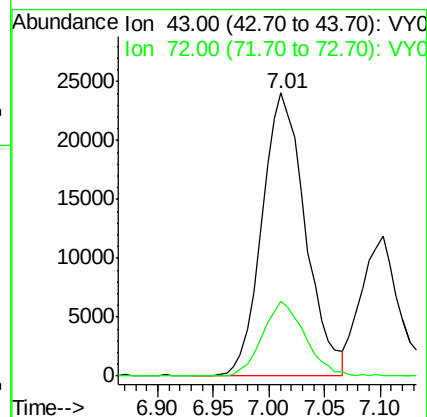
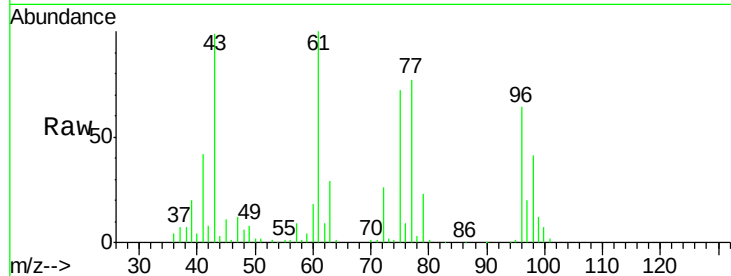
72 26.2 20.9 31.3

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#26

2,2-Dichloropropane

Concen: 21.397 ug/l

RT: 7.00 min Scan# 864

Delta R.T. -0.01 min

Lab File: VY002007.D

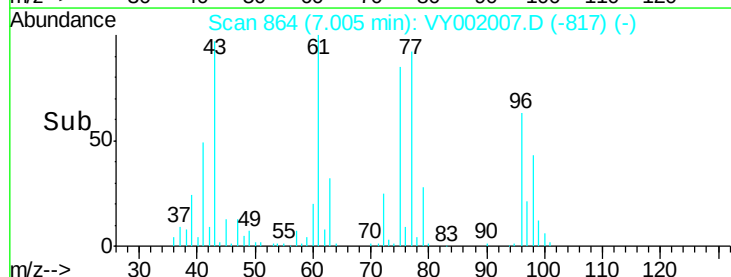
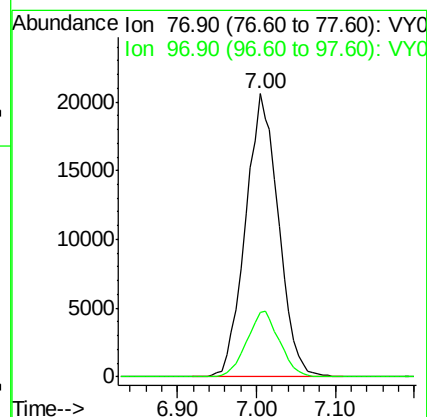
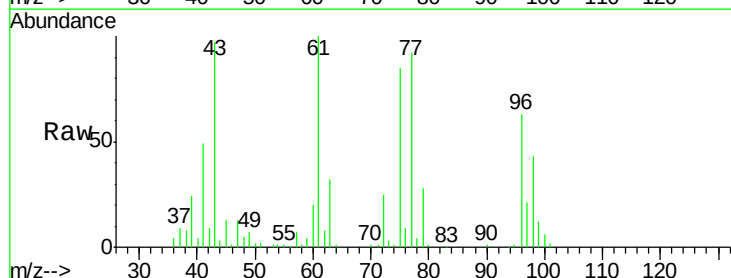
Acq: 18 Mar 2020 12:33

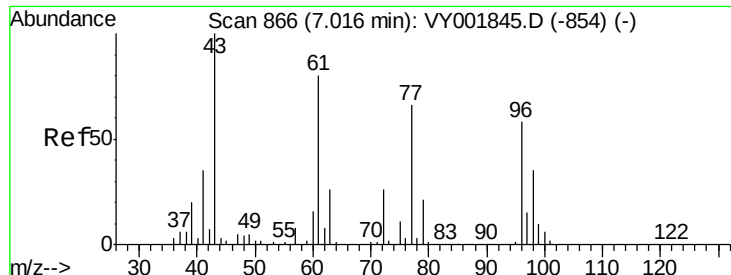
Tgt Ion: 77 Resp: 59883

Ion Ratio Lower Upper

77 100

97 23.0 11.9 35.7





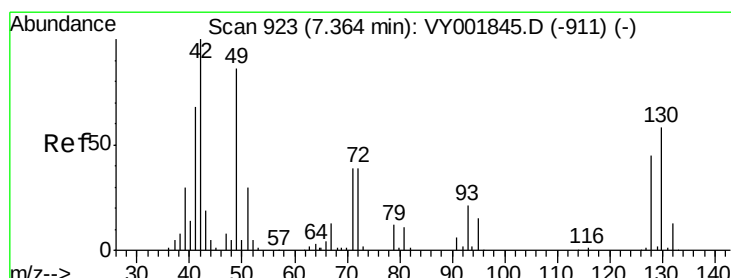
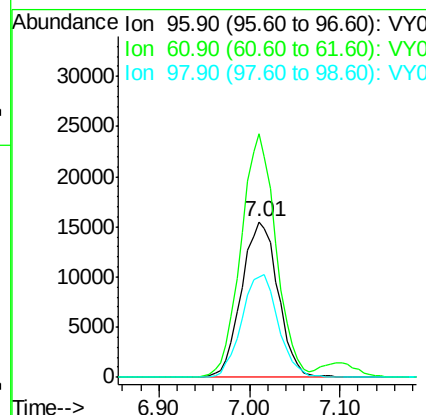
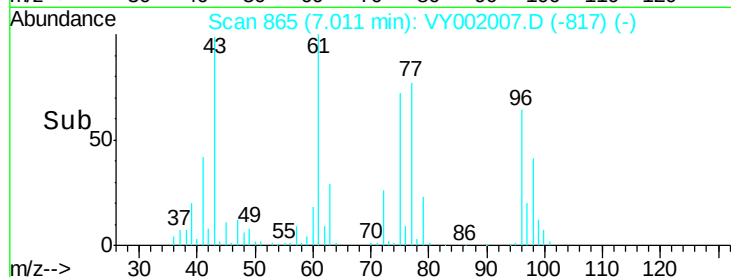
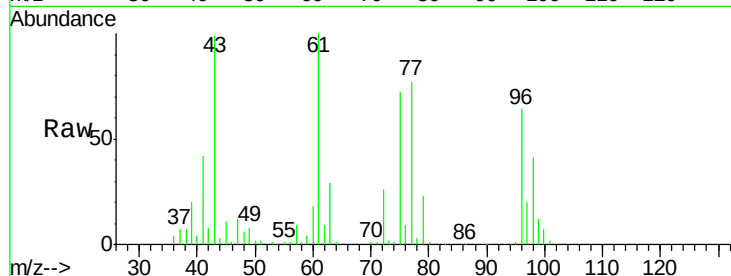
#27
 cis-1,2-Dichloroethene
 Concen: 20.207 ug/l
 RT: 7.01 min Scan# 865
 Delta R.T. -0.01 min
 Lab File: VY002007.D
 Acq: 18 Mar 2020 12:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0318SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	150.0	0.0	288.2
98	65.8	0.0	129.0

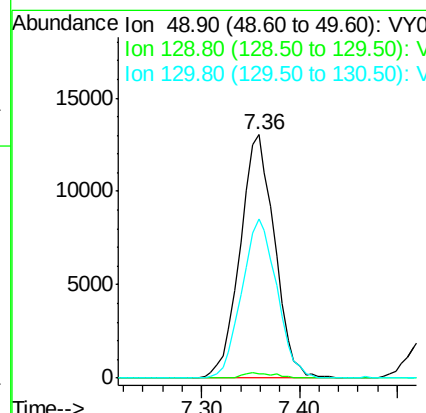
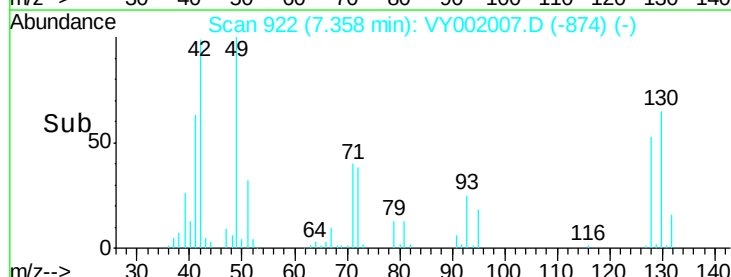
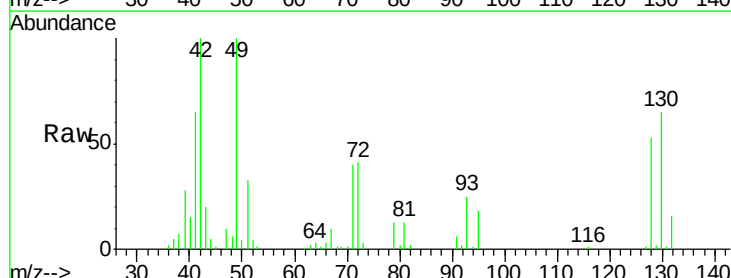
Manual Integrations
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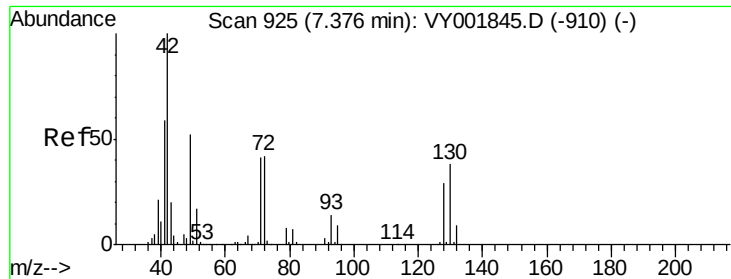
MMDadoda
 3/19/2020 11:59:37 AM



#28
 Bromochloromethane
 Concen: 20.813 ug/l
 RT: 7.36 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: VY002007.D
 Acq: 18 Mar 2020 12:33

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.8
130	66.2	54.4	81.6





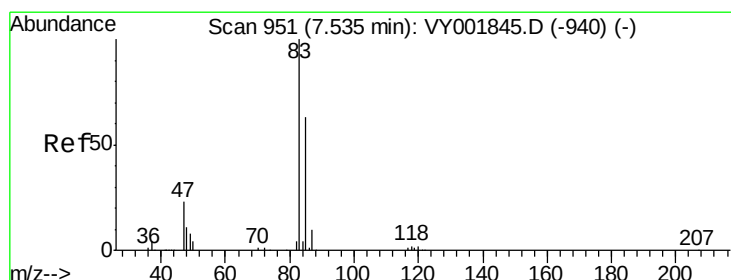
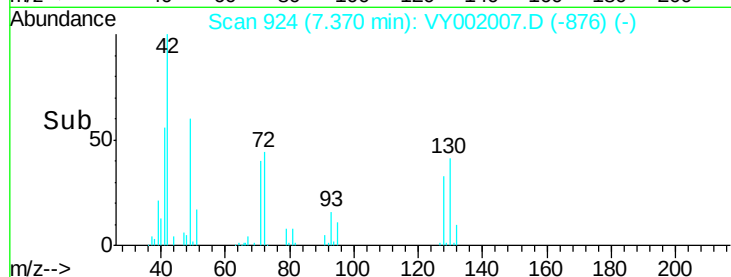
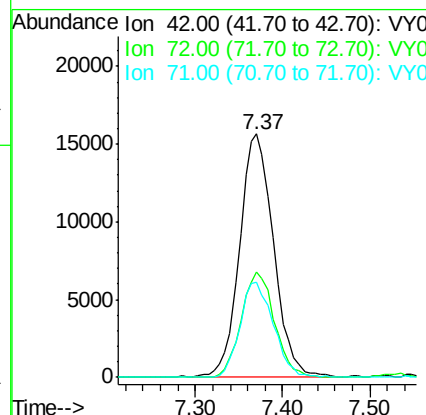
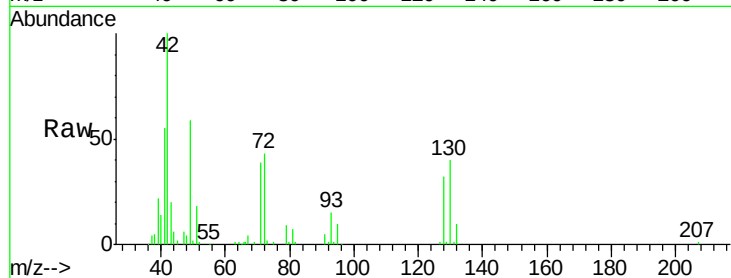
#29
Tetrahydrofuran
Concen: 86.541 ug/l
RT: 7.37 min Scan# 924
Delta R.T. -0.01 min
Lab File: VY002007.D
Acq: 18 Mar 2020 12:33

Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.2	33.5	50.3
71	38.6	31.3	46.9

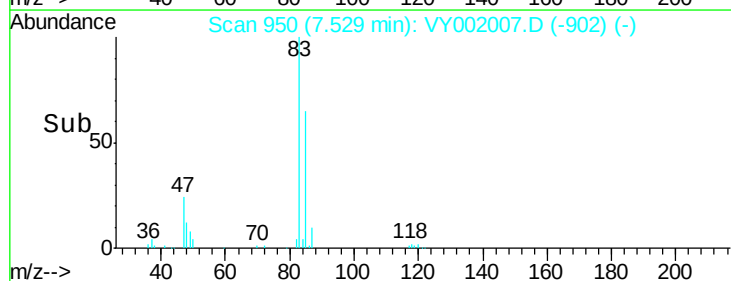
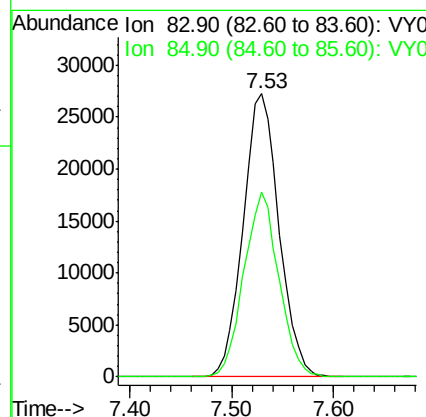
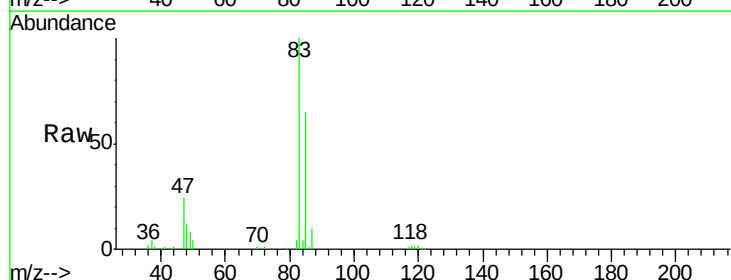
Manual Integrations
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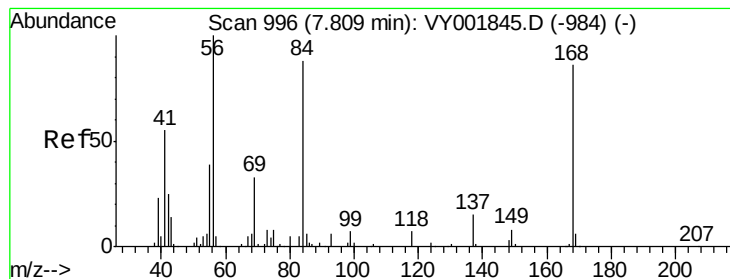
MMDadoda
3/19/2020 11:59:37 AM



#30
Chloroform
Concen: 20.740 ug/l
RT: 7.53 min Scan# 950
Delta R.T. -0.01 min
Lab File: VY002007.D
Acq: 18 Mar 2020 12:33

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	50.7	76.1





#31

Cyclohexane

Concen: 19.807 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY002007.D

Acq: 18 Mar 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0318SBS01

Tot Ion: 56 Resp: 72413

Ion Ratio Lower Upper

56 100

69 35.2 26.7 40.1

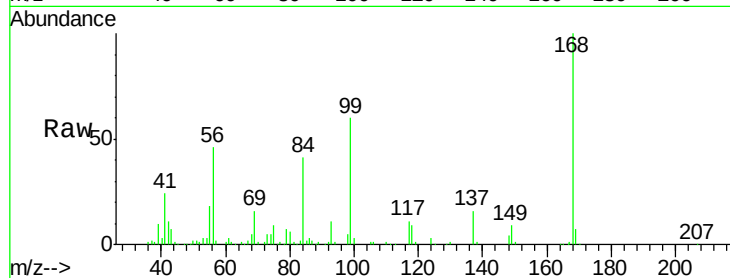
84 87.2 70.4 105.6

Manual Integrations

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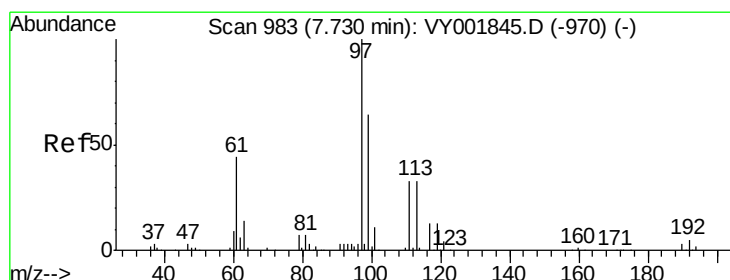
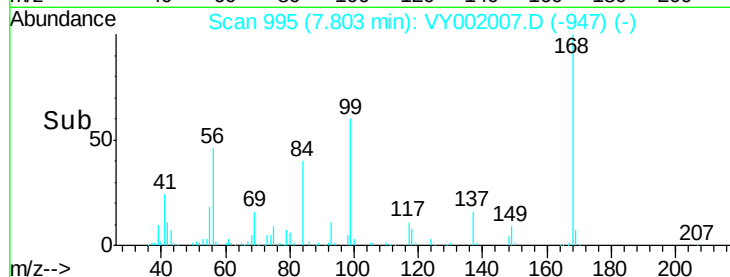
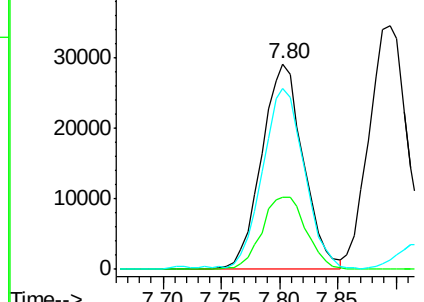
3/19/2020 11:59:37 AM



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 20.778 ug/l

RT: 7.72 min Scan# 981

Delta R.T. -0.01 min

Lab File: VY002007.D

Acq: 18 Mar 2020 12:33

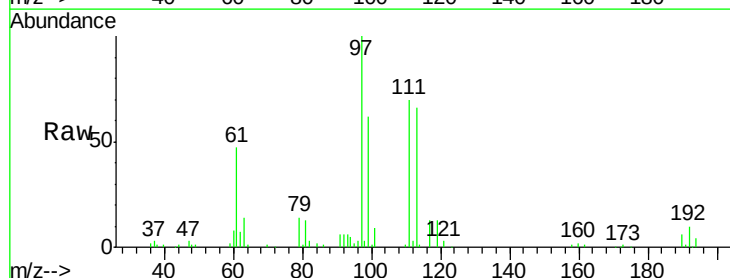
Tgt Ion: 97 Resp: 56103

Ion Ratio Lower Upper

97 100

99 64.4 52.0 78.0

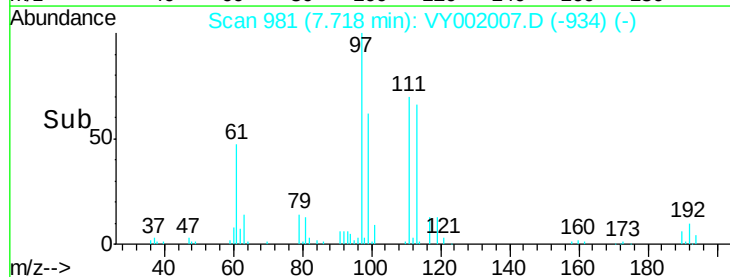
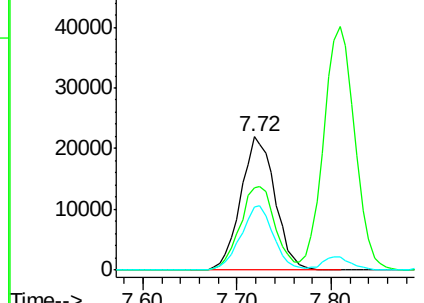
61 45.8 35.0 52.4

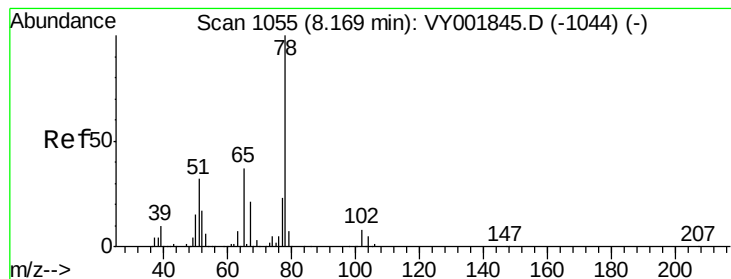


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

Ion 60.90 (60.60 to 61.60): VY0





#33

1,2-Dichloroethane-d4

Concen: 52.150 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.01 min

Lab File: VY002007.D

Acq: 18 Mar 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0318SBS01

Tot Ion: 65 Resp: 86762

Ion Ratio Lower Upper

65 100

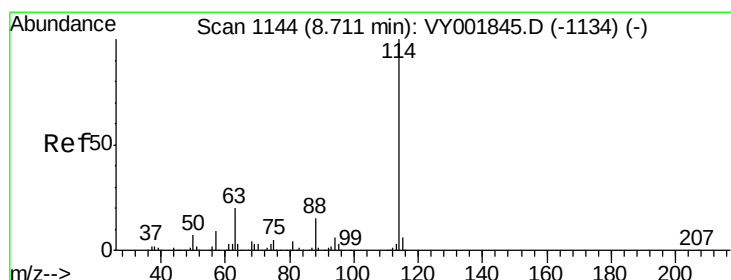
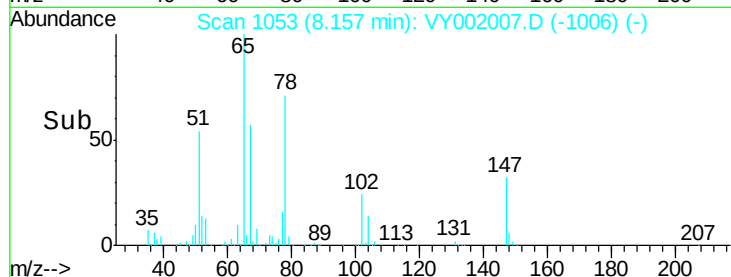
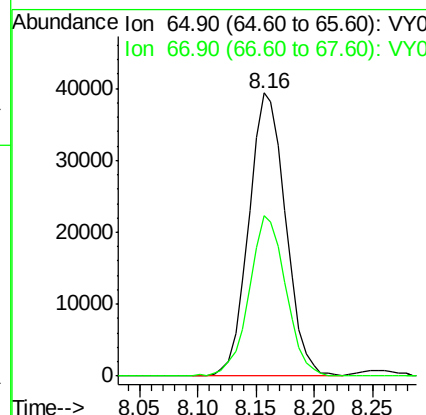
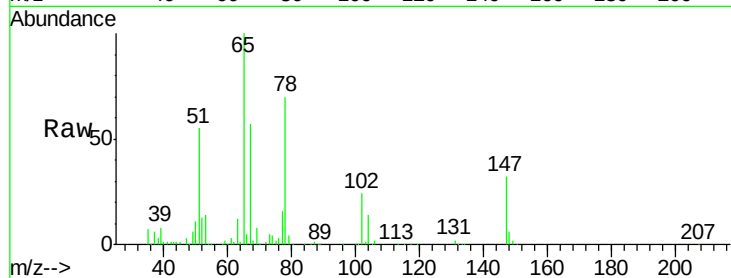
67 56.4 0.0 110.8

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. -0.01 min

Lab File: VY002007.D

Acq: 18 Mar 2020 12:33

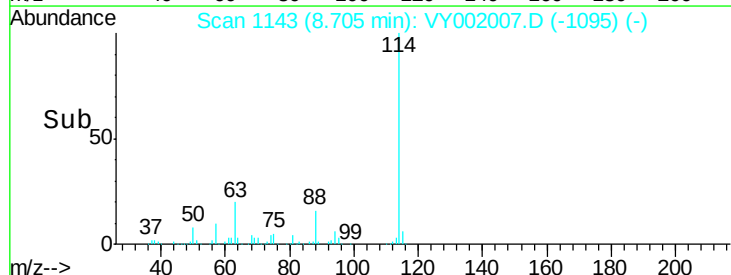
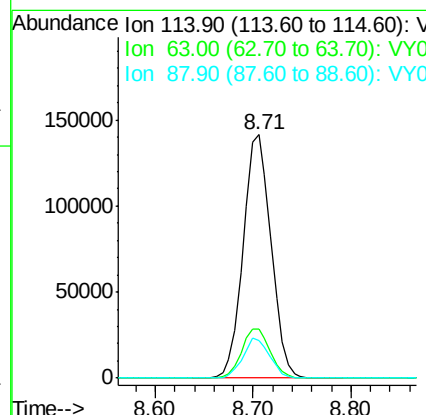
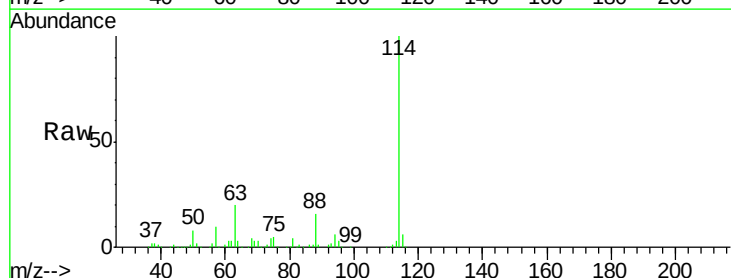
Tgt Ion: 114 Resp: 278835

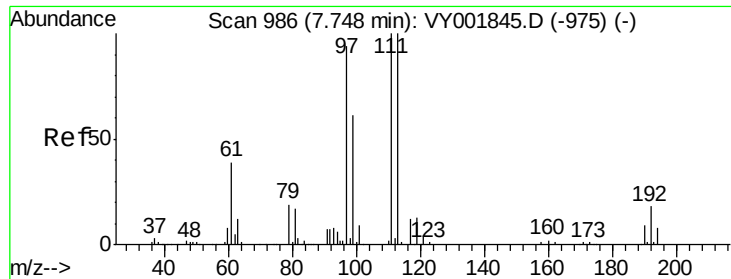
Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.4

88 15.7 0.0 30.4





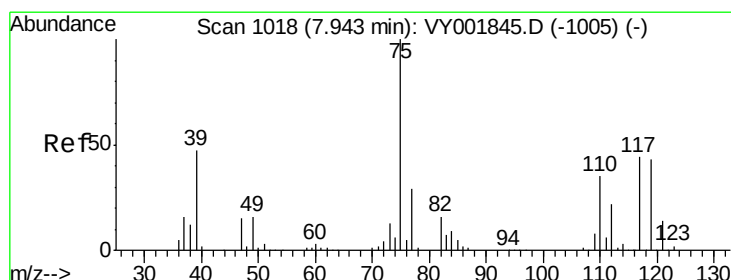
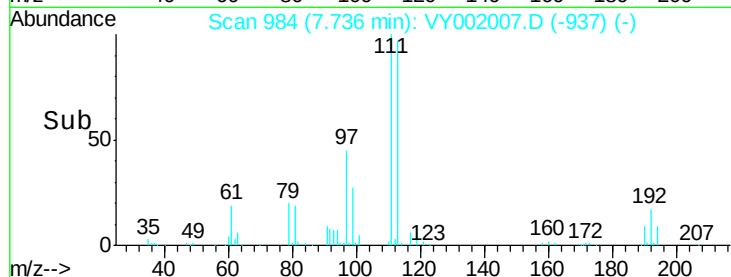
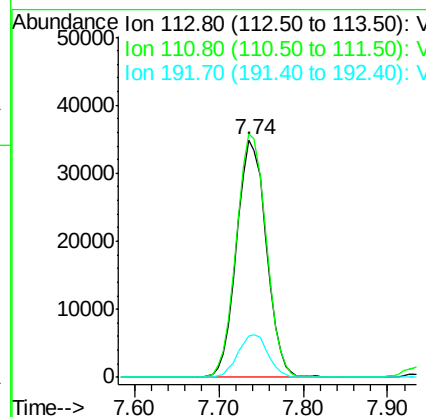
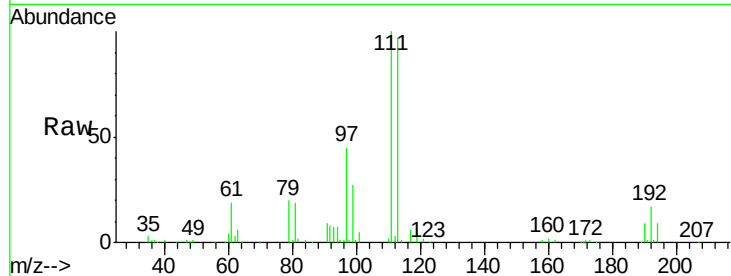
#35
 Dibromofluoromethane
 Concen: 54.750 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: VY002007.D
 Acq: 18 Mar 2020 12:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0318SBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.4	81.8	122.8
192	18.0	14.2	21.2

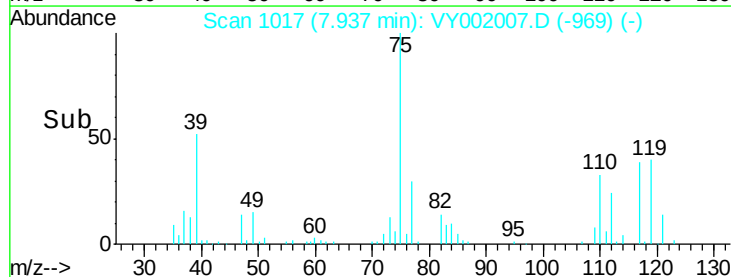
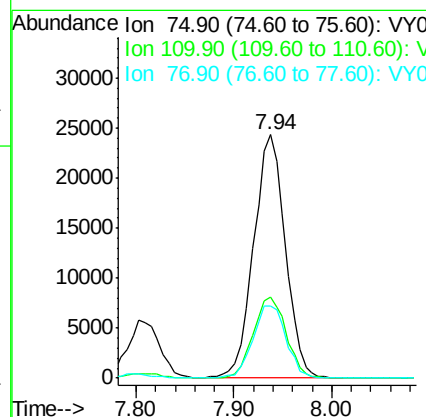
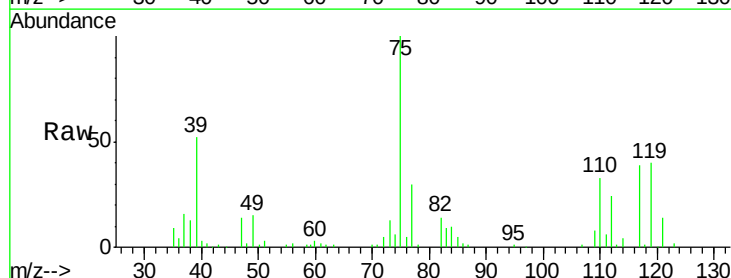
Manual Integrations
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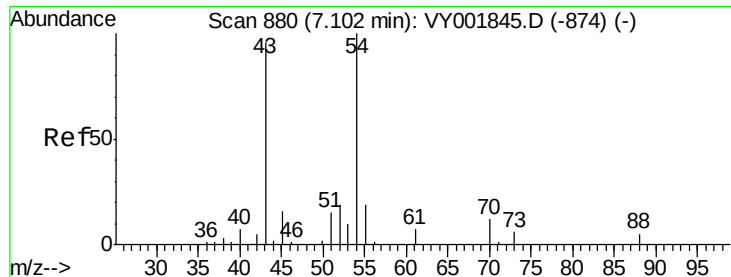
MMDadoda
 3/19/2020 11:59:37 AM



#36
 1,1-Dichloropropene
 Concen: 20.409 ug/l
 RT: 7.94 min Scan# 1017
 Delta R.T. -0.01 min
 Lab File: VY002007.D
 Acq: 18 Mar 2020 12:33

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.4	17.4	52.2
77	31.2	24.2	36.2





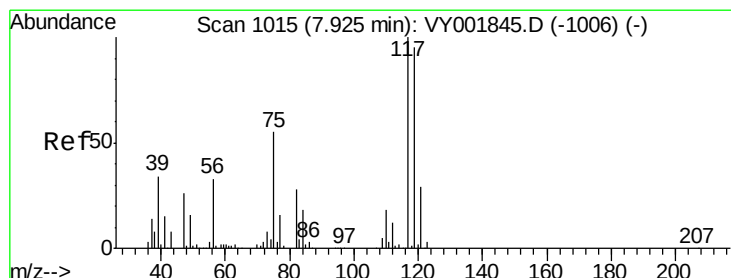
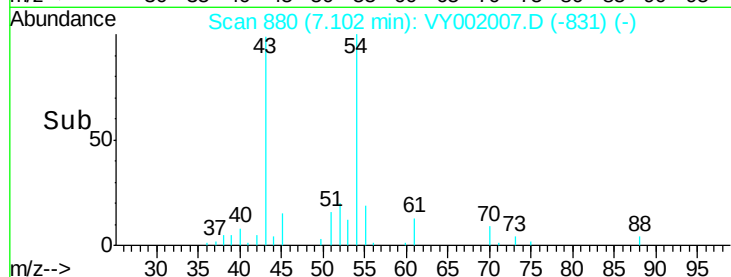
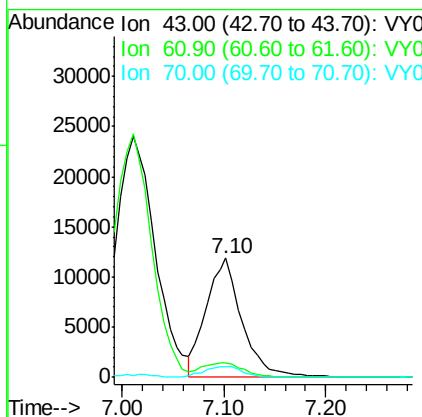
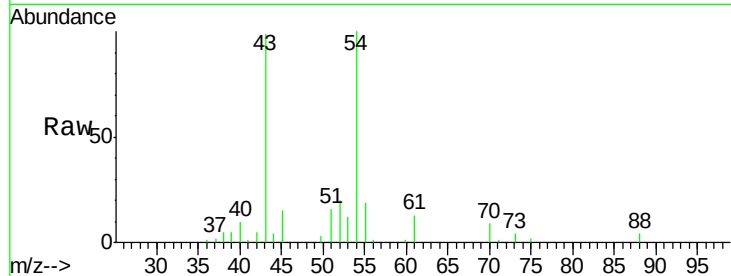
#37
Ethyl Acetate
Concen: 18.763 ug/l
RT: 7.10 min Scan# 880
Delta R.T. 0.00 min
Lab File: VY002007.D
Acq: 18 Mar 2020 12:33

Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.3	11.1	16.7
70	9.9	8.2	12.4

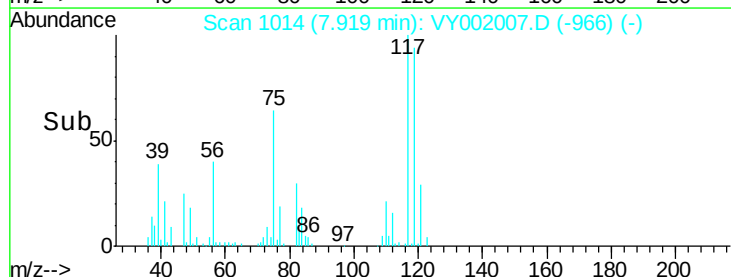
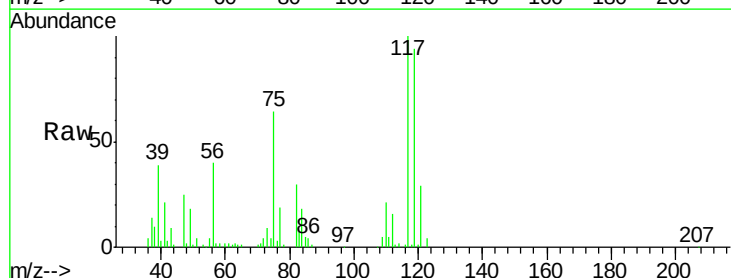
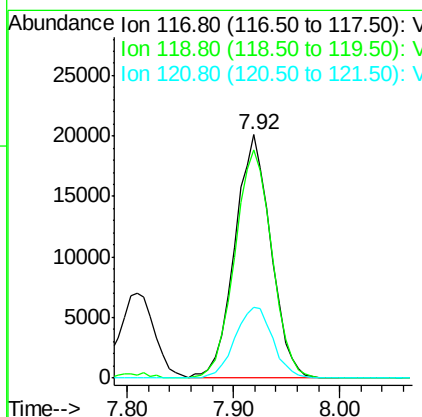
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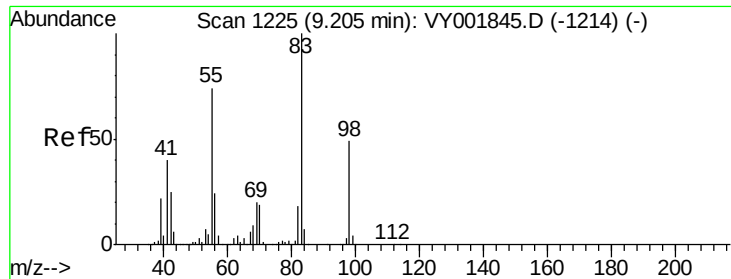
MMDadoda
3/19/2020 11:59:37 AM



#38
Carbon Tetrachloride
Concen: 20.831 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. -0.01 min
Lab File: VY002007.D
Acq: 18 Mar 2020 12:33

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.0	76.3	114.5
121	28.9	23.5	35.3





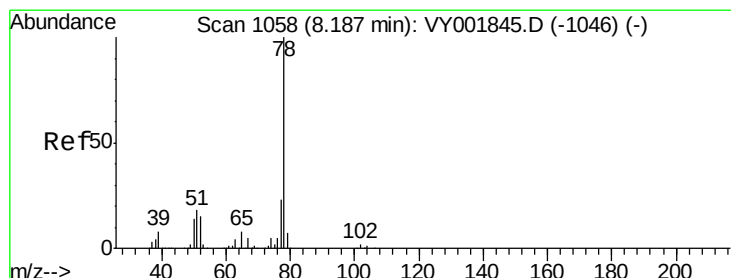
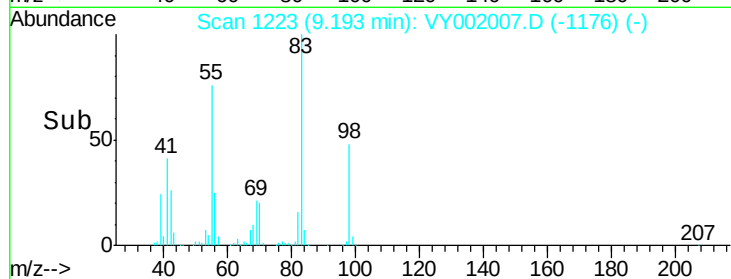
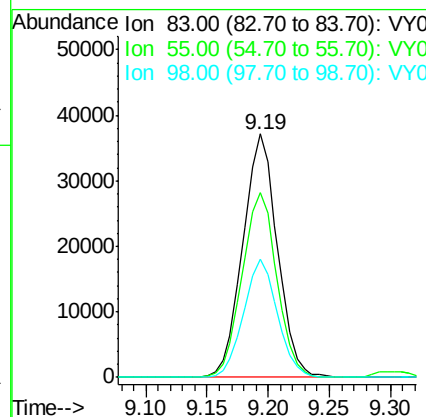
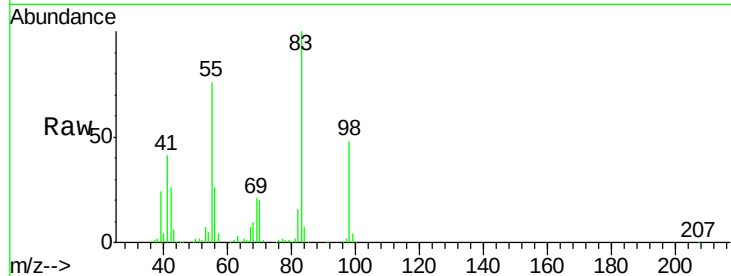
#39
Methylvlcyclohexane
Concen: 20.446 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. -0.01 min
Lab File: VY002007.D
Acq: 18 Mar 2020 12:33

Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.1	59.4	89.0
98	48.4	38.9	58.3

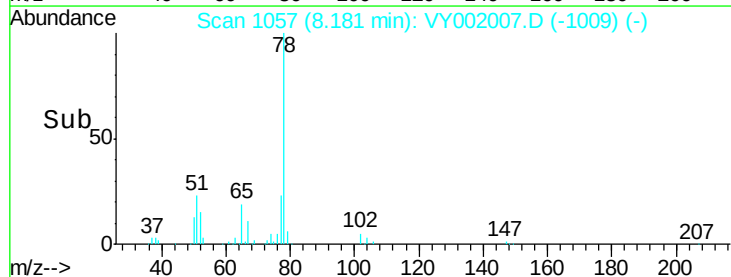
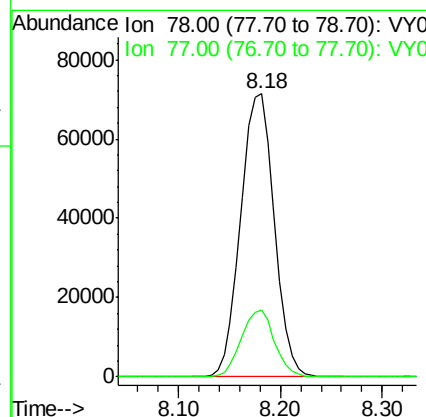
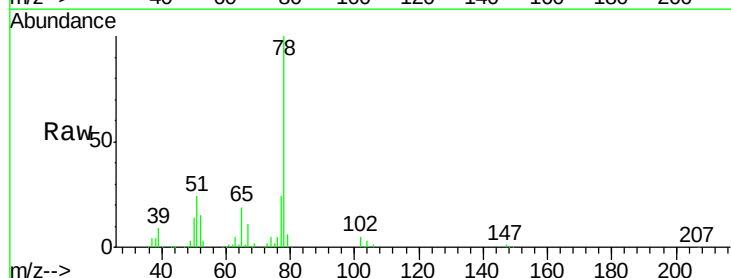
Manual Integrations
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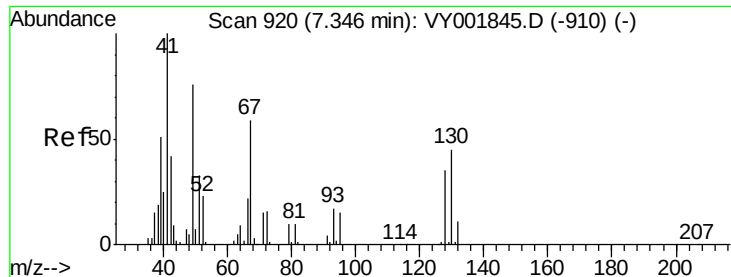
MMDadoda
3/19/2020 11:59:37 AM



#40
Benzene
Concen: 20.563 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. -0.01 min
Lab File: VY002007.D
Acq: 18 Mar 2020 12:33

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.7	28.1





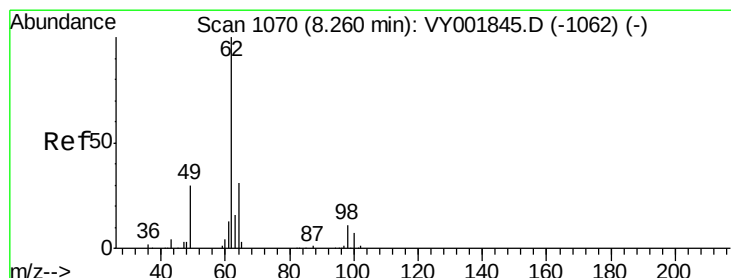
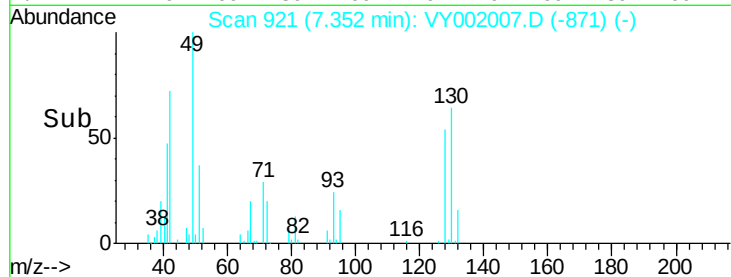
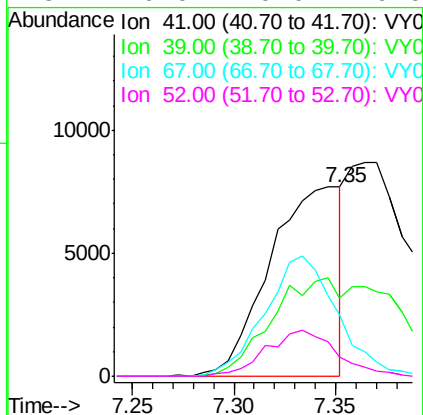
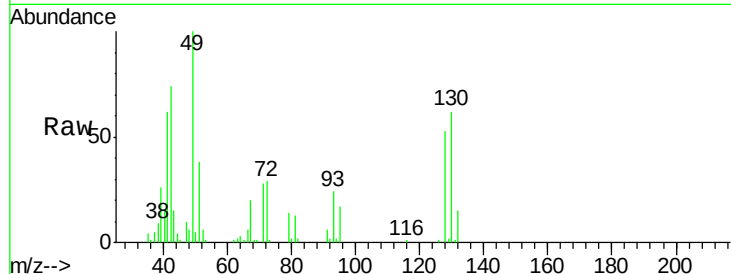
#41
Methacrylonitrile
Concen: 26.984 ug/l m
RT: 7.35 min Scan# 921
Delta R.T. 0.01 min
Lab File: VY002007.D
Acq: 18 Mar 2020 12:33

Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBS01

Tot Ion	41	Resp	18938
Ion Ratio	Lower	Upper	
41	100		
39	0.0	111.7	167.5#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

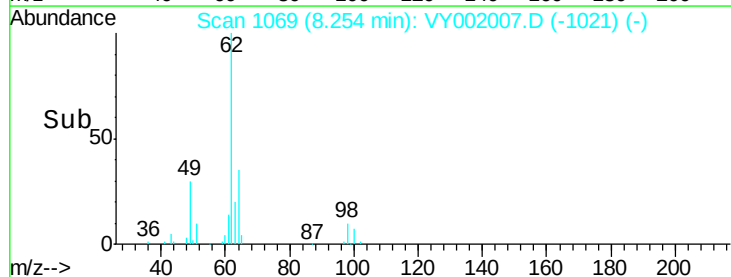
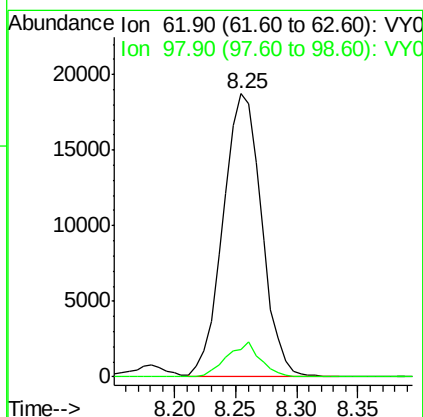
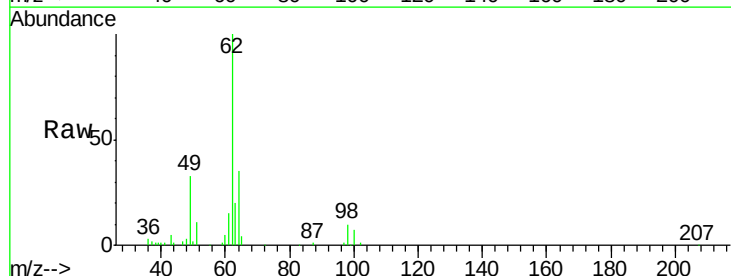
Manual Integrations
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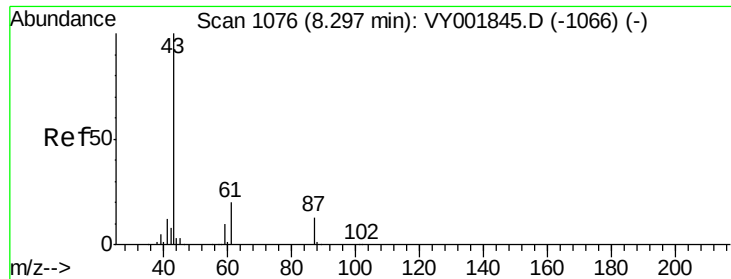
MMDadoda
3/19/2020 11:59:37 AM



#42
1,2-Dichloroethane
Concen: 19.962 ug/l
RT: 8.25 min Scan# 1069
Delta R.T. -0.01 min
Lab File: VY002007.D
Acq: 18 Mar 2020 12:33

Tgt Ion	62	Resp	40910
Ion Ratio	Lower	Upper	
62	100		
98	10.7	0.0	21.4





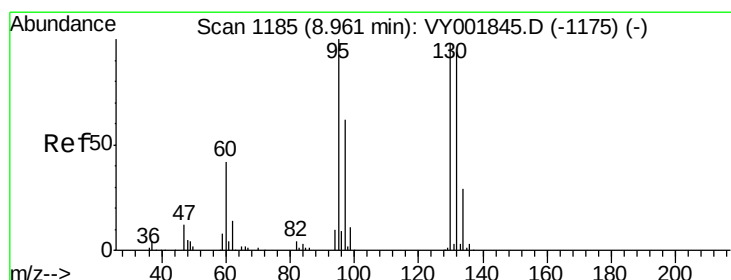
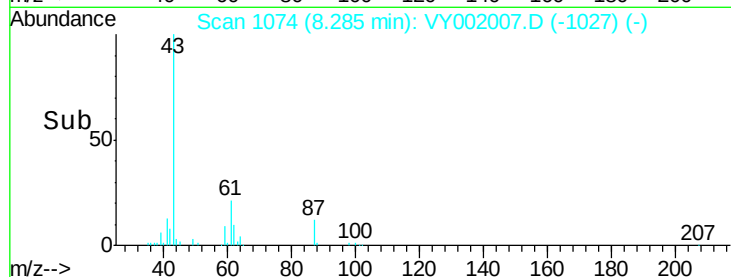
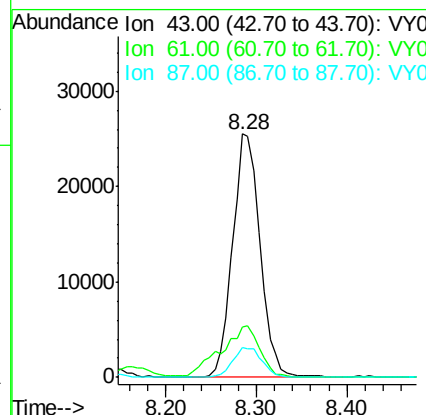
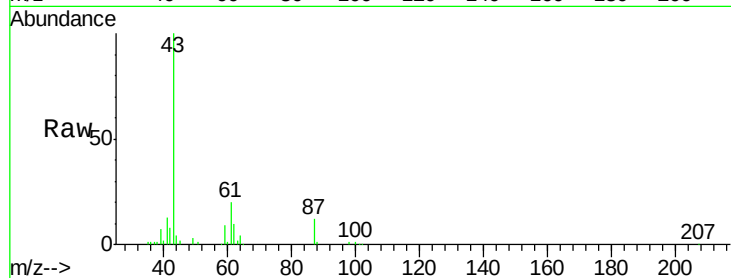
#43
Isopropyl Acetate
Concen: 18.251 ug/l
RT: 8.28 min Scan# 1074
Delta R.T. -0.01 min
Lab File: VY002007.D
Acq: 18 Mar 2020 12:33

Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	29.8	23.8	35.6
87	12.8	10.9	16.3

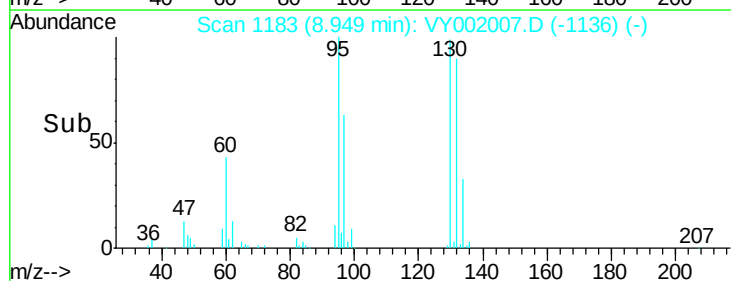
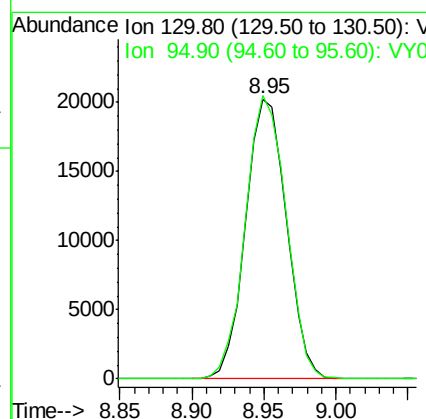
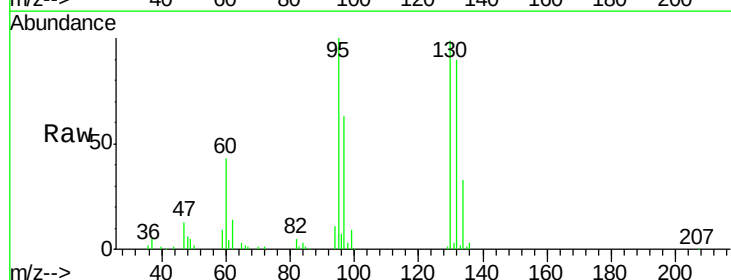
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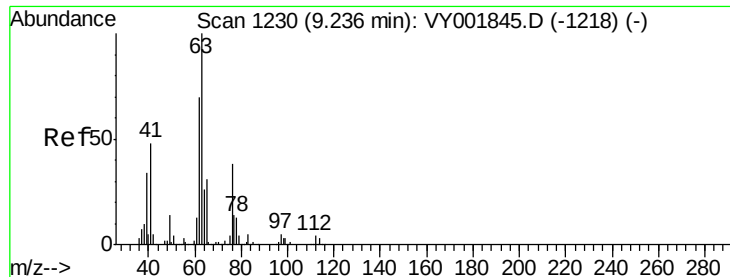
MMDadoda
3/19/2020 11:59:37 AM



#44
Trichloroethene
Concen: 20.518 ug/l
RT: 8.95 min Scan# 1183
Delta R.T. -0.01 min
Lab File: VY002007.D
Acq: 18 Mar 2020 12:33

Tgt Ion	Ratio	Lower	Upper
130	100		
95	101.1	0.0	204.6





#45

1,2-Dichloropropane

Concen: 20.607 ug/l

RT: 9.23 min Scan# 1229

Delta R.T. -0.01 min

Lab File: VY002007.D

Acq: 18 Mar 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0318SBS01

Tot Ion: 63 Resp: 41199

Ion Ratio Lower Upper

63 100

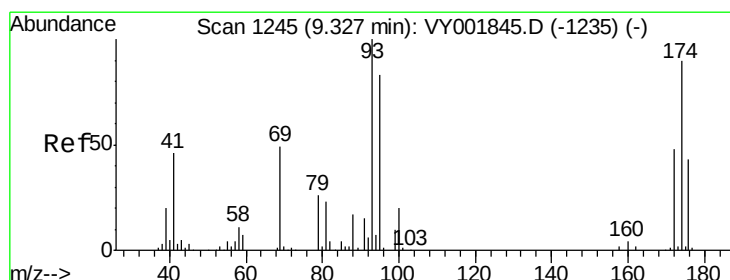
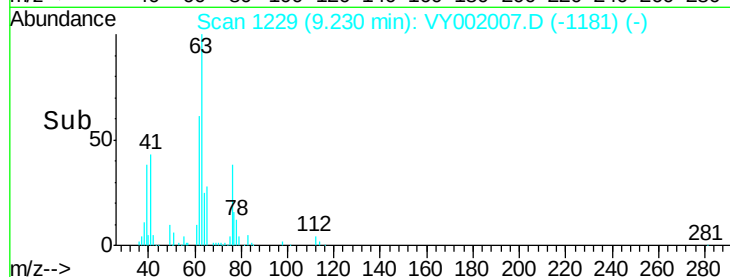
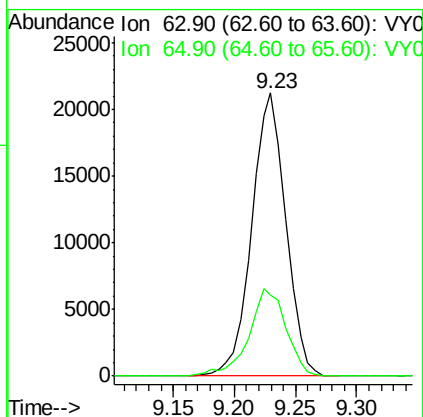
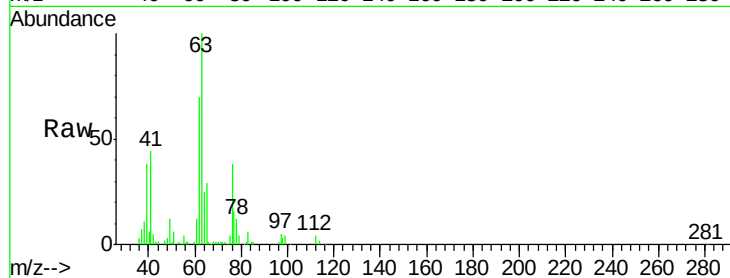
65 28.5 24.9 37.3

Manual Integrations

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3/19/2020 11:59:37 AM



#46

Dibromomethane

Concen: 19.400 ug/l

RT: 9.32 min Scan# 1243

Delta R.T. -0.01 min

Lab File: VY002007.D

Acq: 18 Mar 2020 12:33

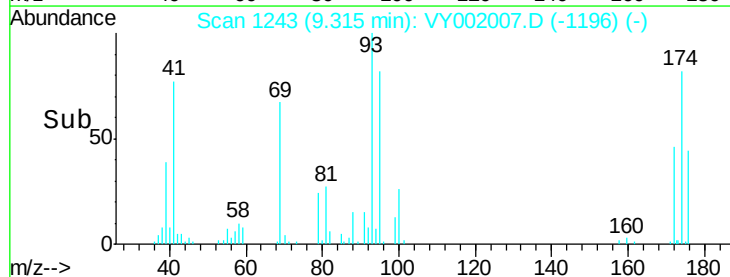
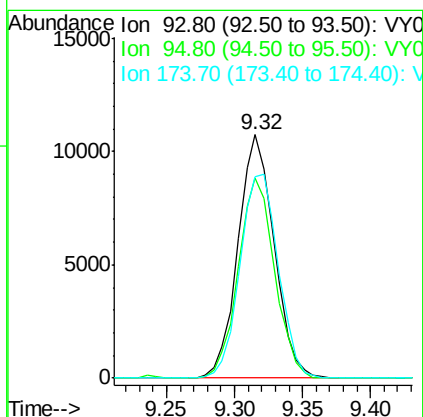
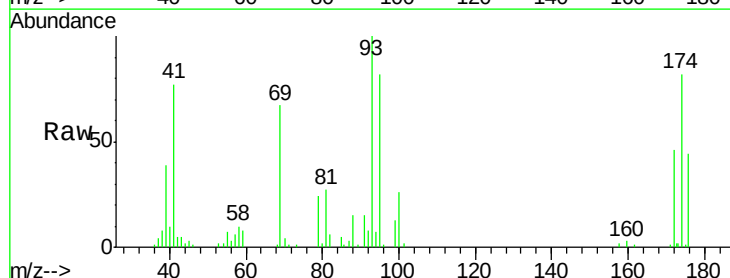
Tgt Ion: 93 Resp: 19987

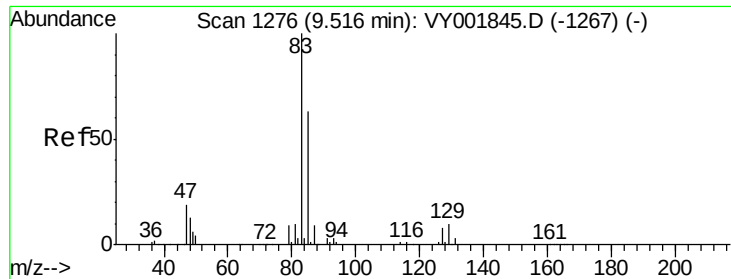
Ion Ratio Lower Upper

93 100

95 82.5 67.0 100.4

174 88.4 71.8 107.8





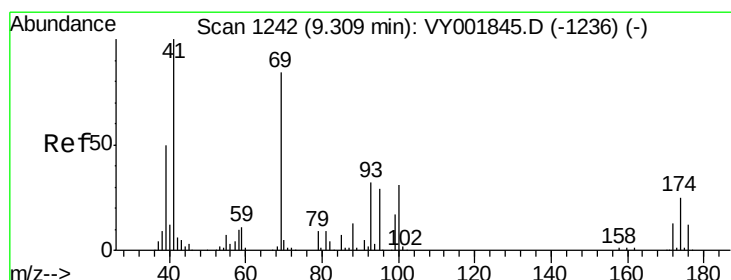
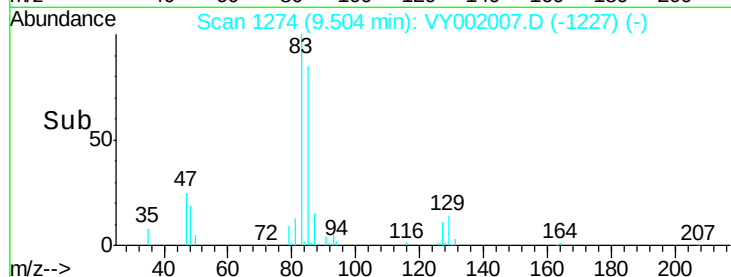
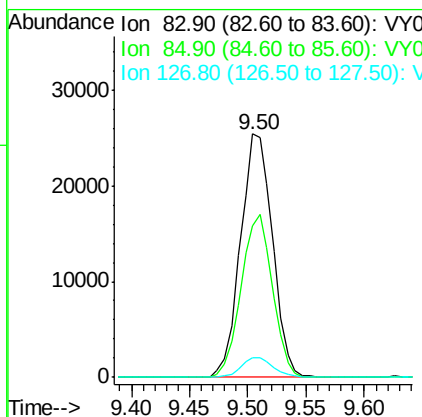
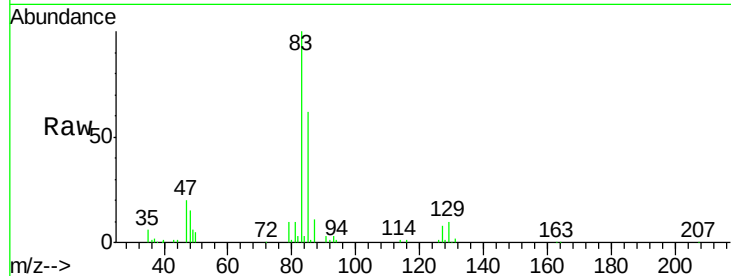
#47
Bromodichloromethane
Concen: 20.344 ug/l
RT: 9.50 min Scan# 1274
Delta R.T. -0.01 min
Lab File: VY002007.D
Acq: 18 Mar 2020 12:33

Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBS01

Tot Ion	83	Resp	48758
Ion Ratio	100	Lower	Upper
83	100		
85	62.3	50.6	76.0
127	7.9	6.2	9.4

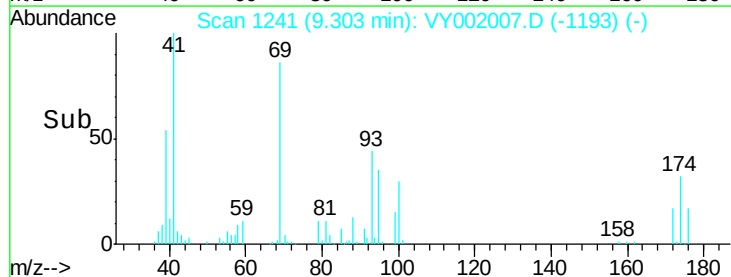
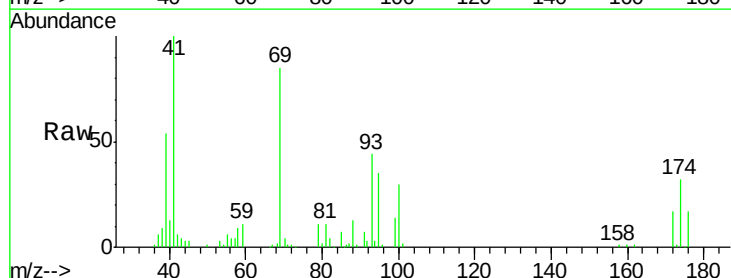
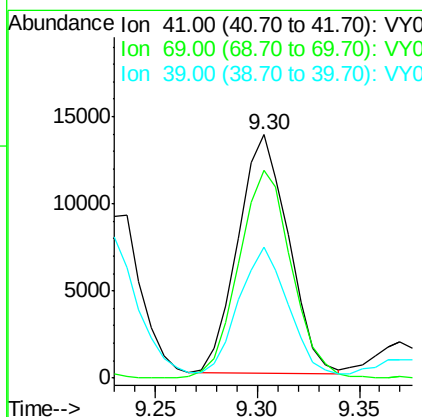
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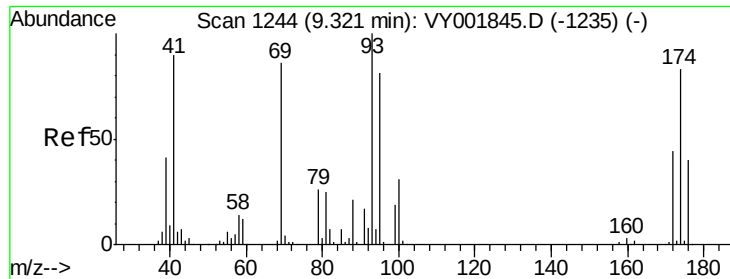
MMDadoda
3/19/2020 11:59:37 AM



#48
Methyl methacrylate
Concen: 17.961 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VY002007.D
Acq: 18 Mar 2020 12:33

Tgt Ion	41	Resp	23532
Ion Ratio	100	Lower	Upper
41	100		
69	91.3	69.0	103.6
39	51.9	39.1	58.7





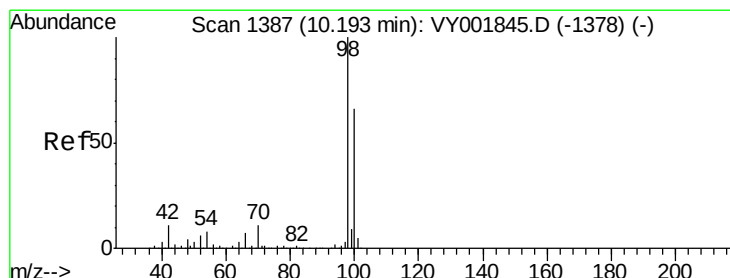
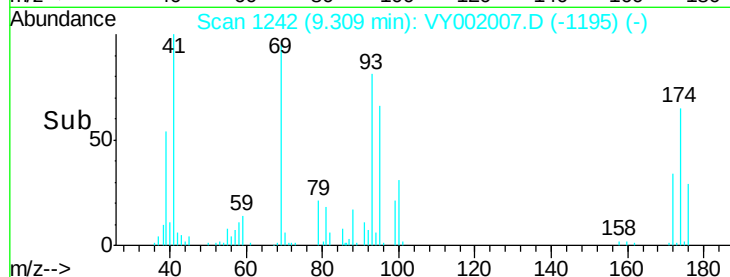
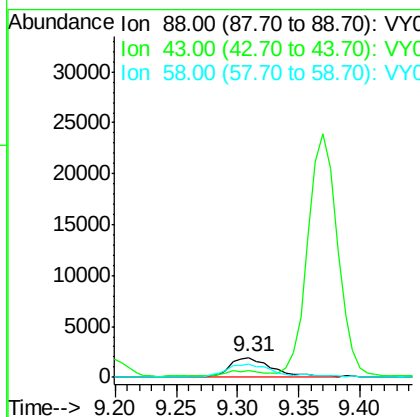
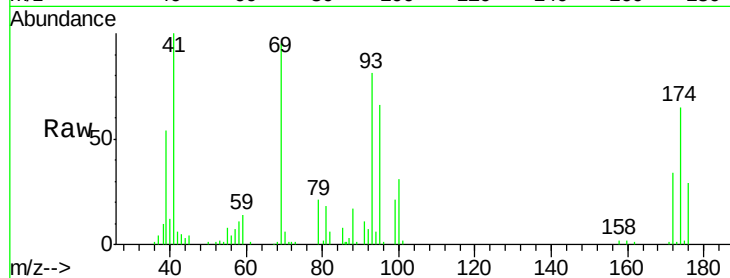
#49
 1,4-Dioxane
 Concen: 339.937 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: VY002007.D
 Acq: 18 Mar 2020 12:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0318SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	25.0	37.6#
58	78.5	58.9	88.3

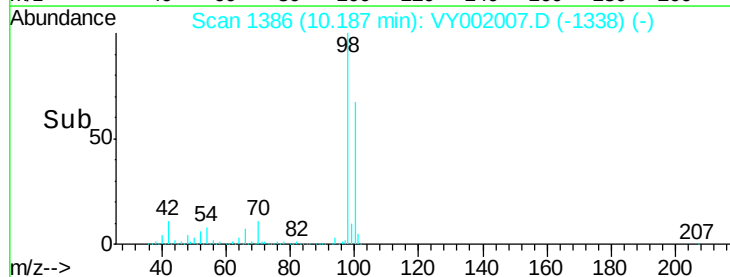
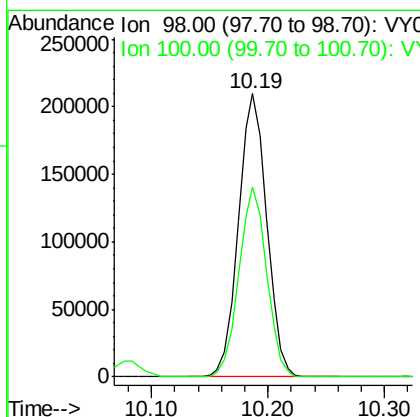
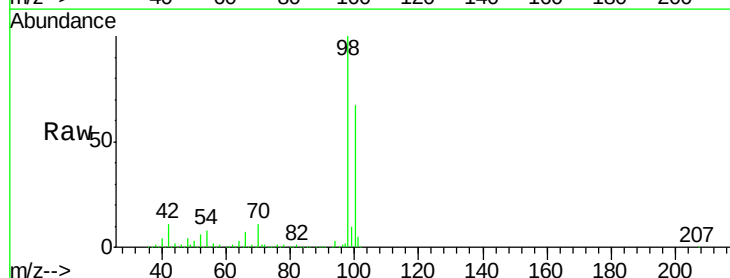
Manual Integrations
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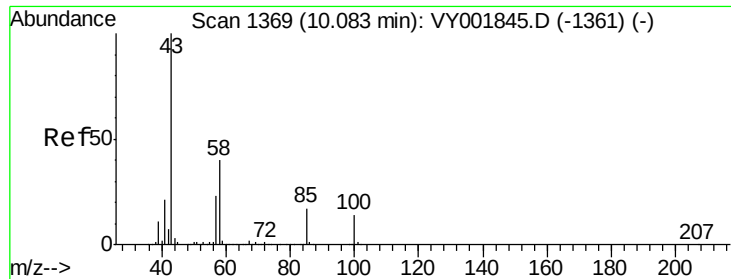
MMDadoda
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#50
 Toluene-d8
 Concen: 55.301 ug/l
 RT: 10.19 min Scan# 1386
 Delta R.T. -0.01 min
 Lab File: VY002007.D
 Acq: 18 Mar 2020 12:33

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.8	53.0	79.4





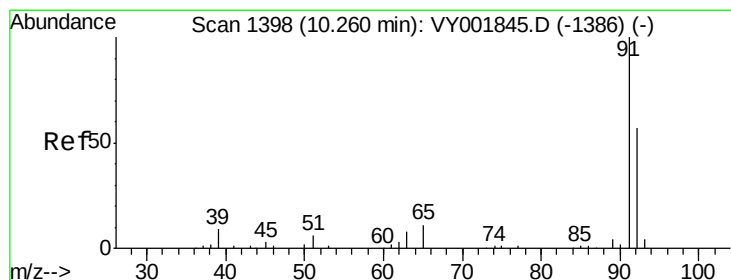
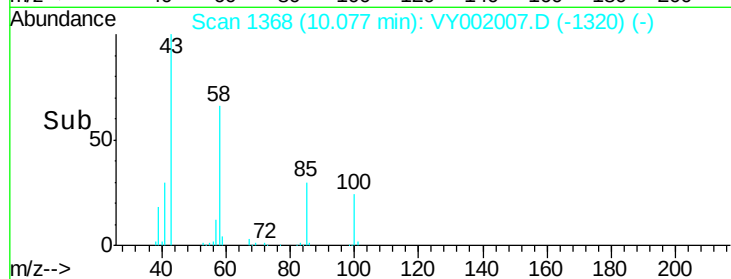
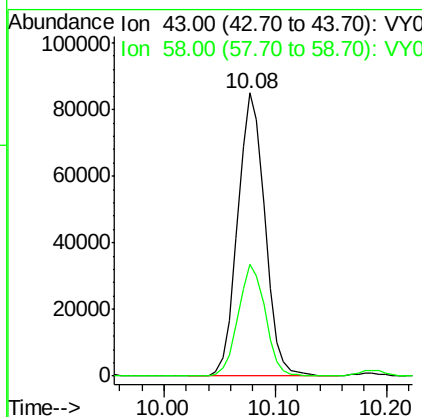
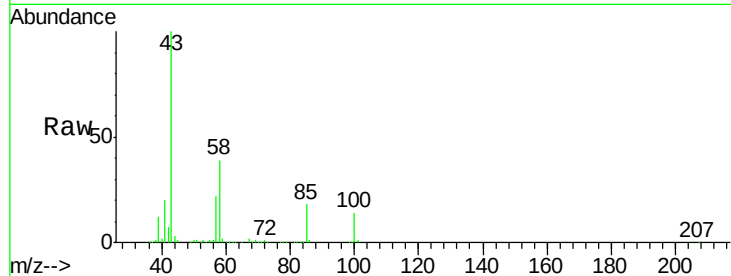
#51
4-Methyl-2-Pentanone
Concen: 94.508 ug/l
RT: 10.08 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VY002007.D
Acq: 18 Mar 2020 12:33

Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.5	32.0	48.0

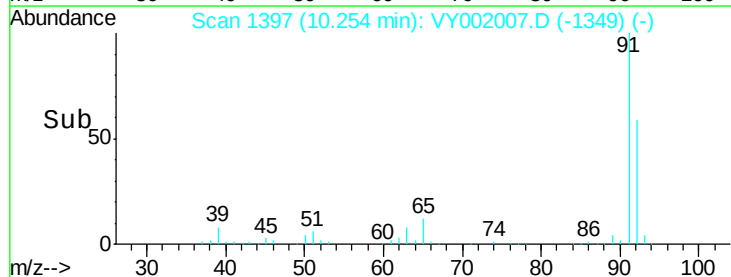
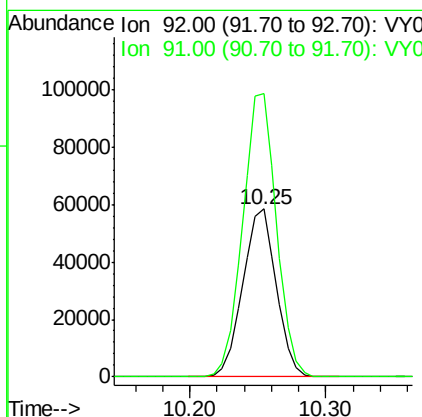
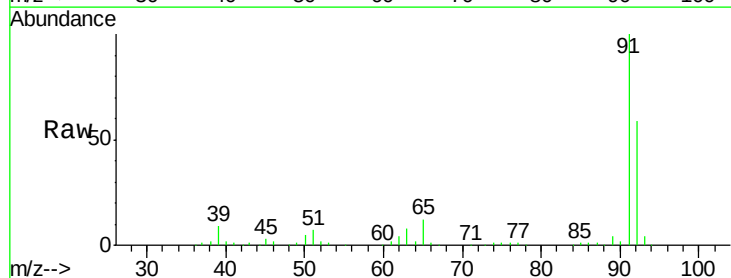
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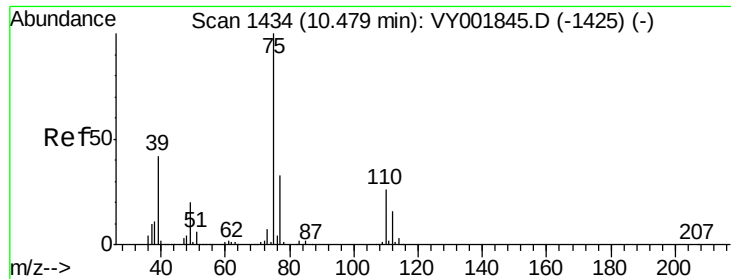
MMDadoda
3/19/2020 11:59:37 AM



#52
Toluene
Concen: 20.792 ug/l
RT: 10.25 min Scan# 1397
Delta R.T. -0.01 min
Lab File: VY002007.D
Acq: 18 Mar 2020 12:33

Tgt Ion	Ratio	Lower	Upper
92	100		
91	170.2	138.6	208.0





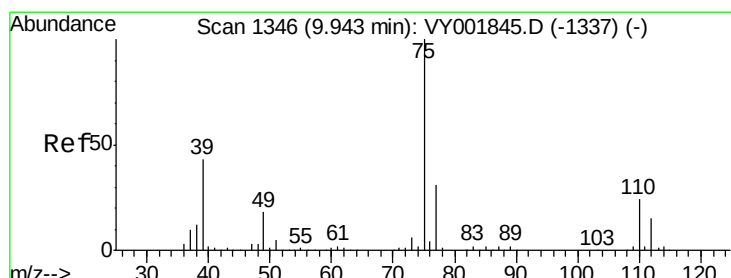
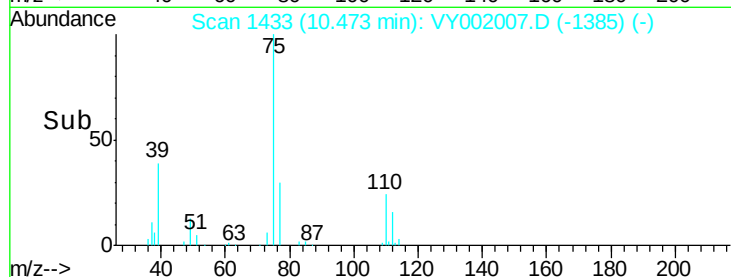
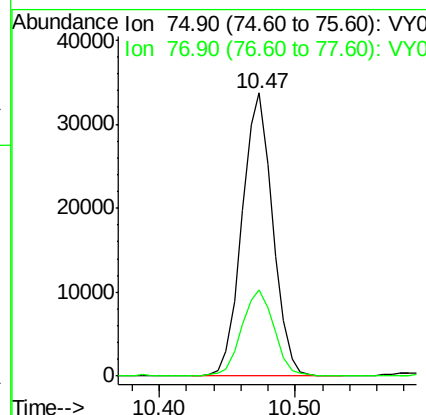
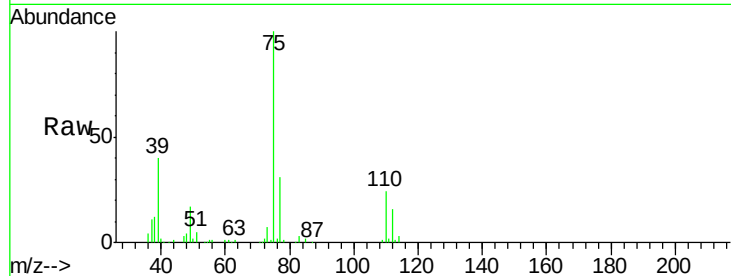
#53
t-1,3-Dichloropropene
Concen: 20.308 ug/l
RT: 10.47 min Scan# 1433
Delta R.T. -0.01 min
Lab File: VY002007.D
Acq: 18 Mar 2020 12:33

Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.6	26.3	39.5

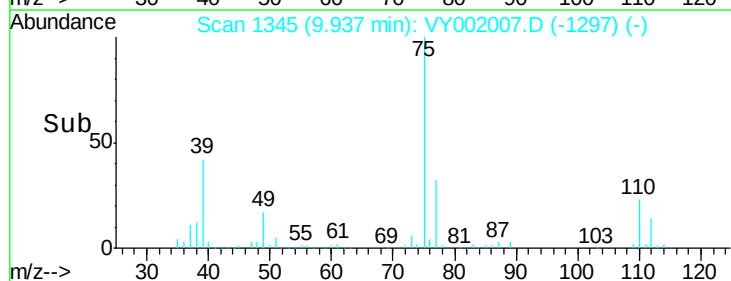
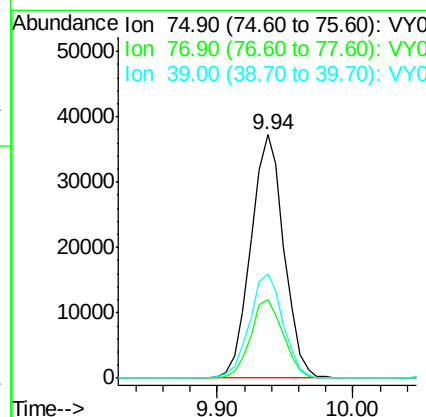
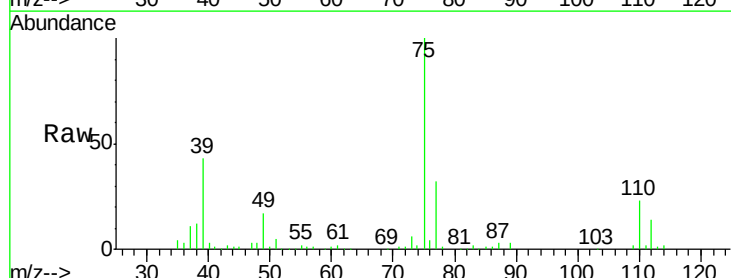
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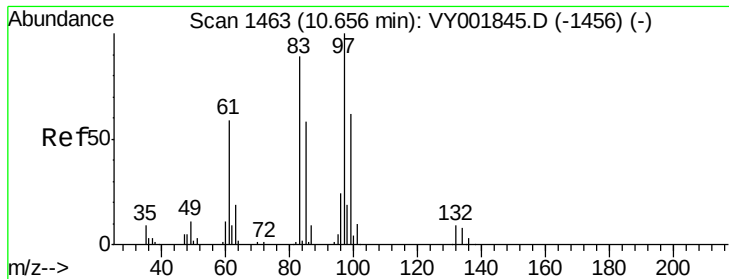
MMDadoda
3/19/2020 11:59:37 AM



#54
cis-1,3-Dichloropropene
Concen: 20.411 ug/l
RT: 9.94 min Scan# 1345
Delta R.T. -0.01 min
Lab File: VY002007.D
Acq: 18 Mar 2020 12:33

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.3	25.1	37.7
39	42.7	34.7	52.1





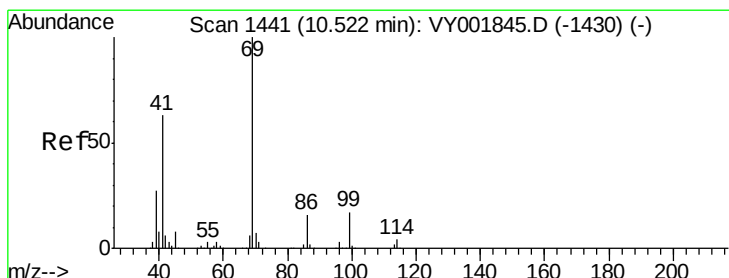
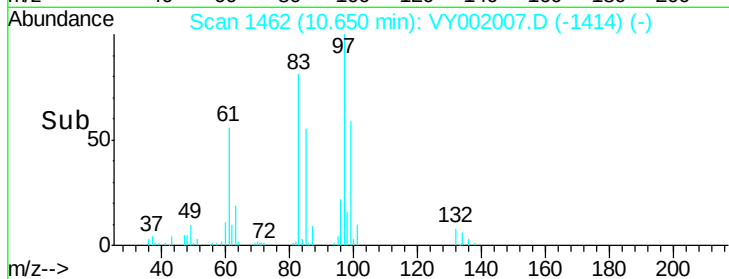
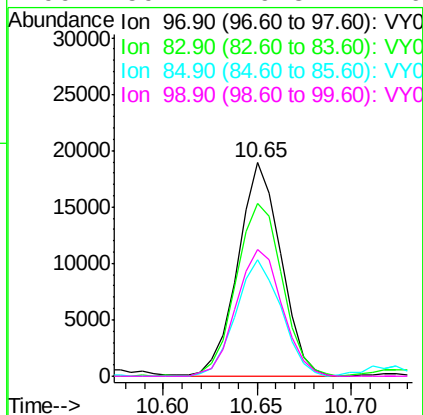
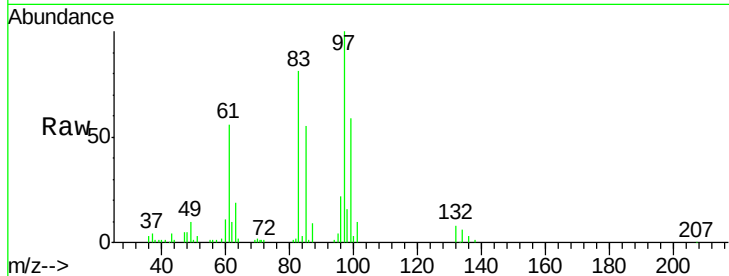
#55
 1,1,2-Trichloroethane
 Concen: 19.946 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: VY002007.D
 Acq: 18 Mar 2020 12:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0318SBS01

Tot Ion:	97	Resp:	30074
Ion	Ratio	Lower	Upper
97	100		
83	81.0	71.6	107.4
85	54.8	46.6	69.8
99	59.2	49.8	74.6

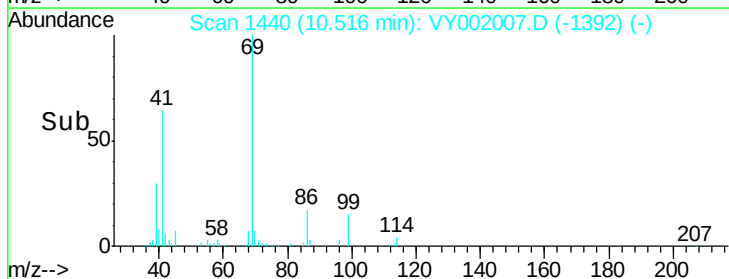
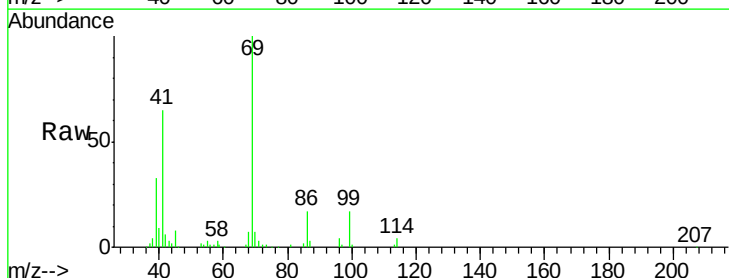
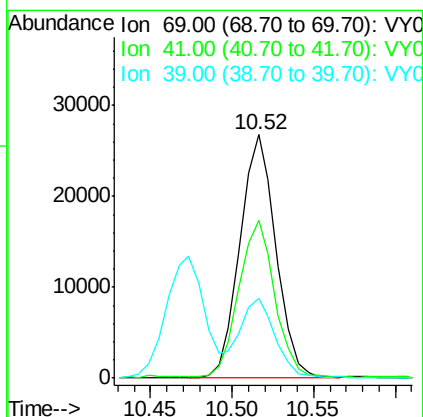
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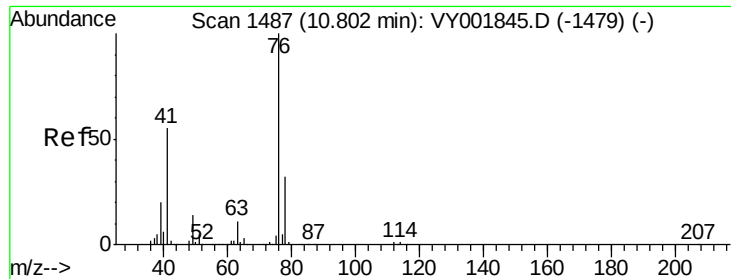
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#56
 Ethyl methacrylate
 Concen: 18.636 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: VY002007.D
 Acq: 18 Mar 2020 12:33

Tgt Ion:	69	Resp:	41186
Ion	Ratio	Lower	Upper
69	100		
41	64.0	49.9	74.9
39	33.1	23.0	34.6





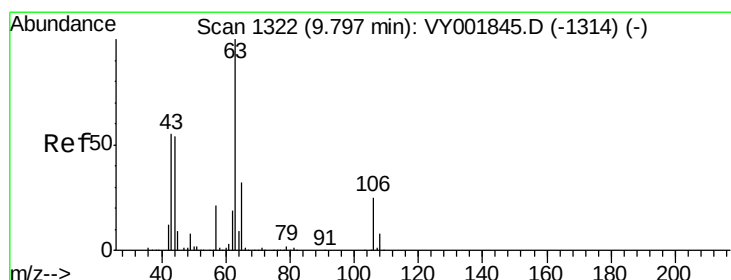
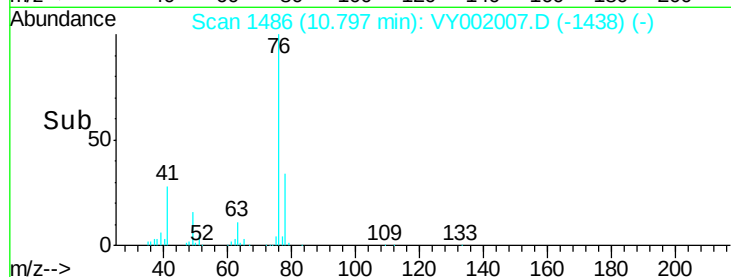
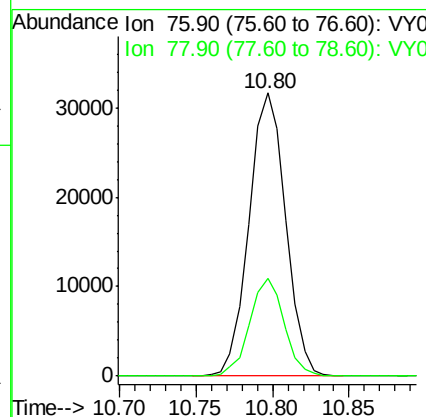
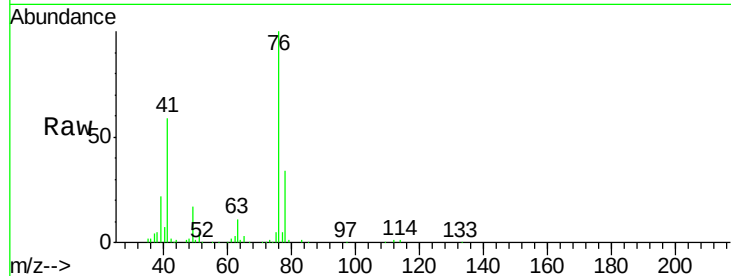
#57
 1,3-Dichloropropane
 Concen: 19.632 ug/l
 RT: 10.80 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: VY002007.D
 Acq: 18 Mar 2020 12:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0318SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.4	25.8	38.6

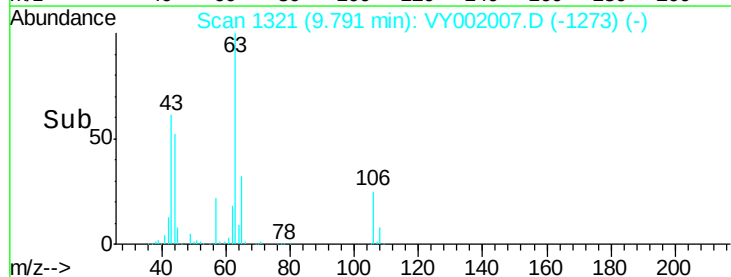
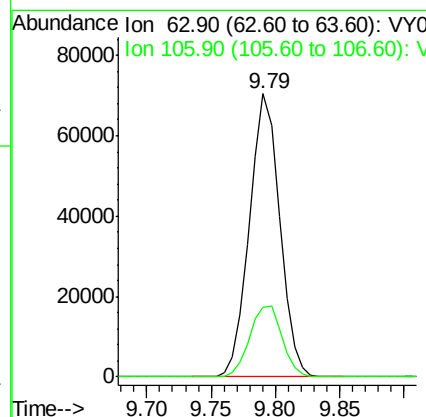
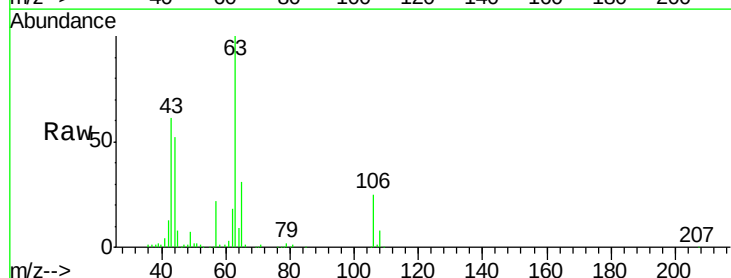
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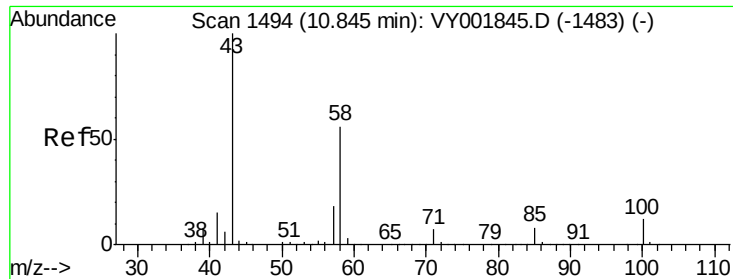
MMDadoda
 3/19/2020 11:59:37 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 133.030 ug/l
 RT: 9.79 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: VY002007.D
 Acq: 18 Mar 2020 12:33

Tgt Ion	Ratio	Lower	Upper
63	100		
106	26.9	21.3	31.9





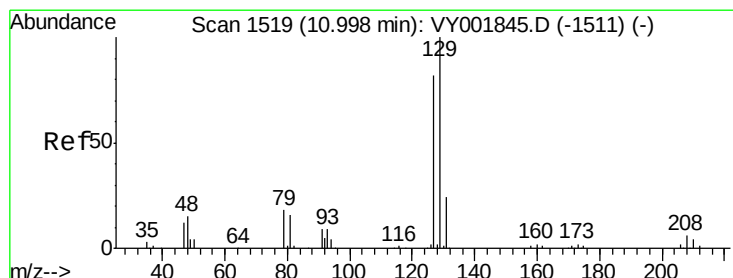
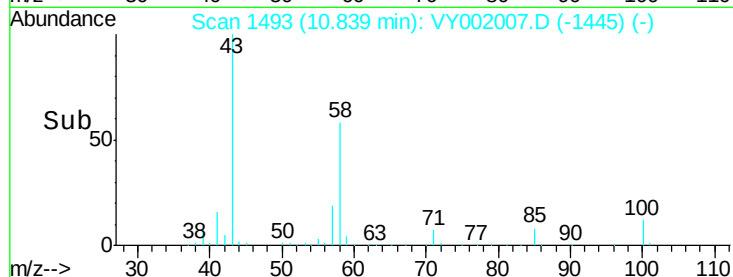
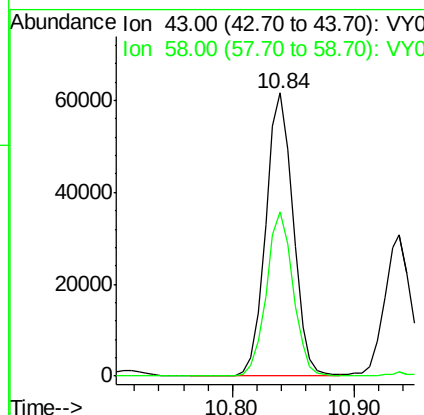
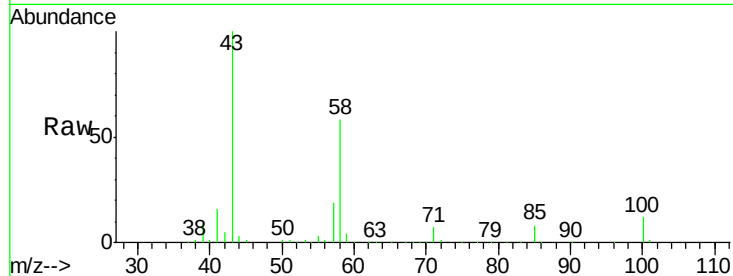
#59
2-Hexanone
Concen: 88.694 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. -0.01 min
Lab File: VY002007.D
Acq: 18 Mar 2020 12:33

Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBS01

Tot Ion: 43 Resp: 96274
Ion Ratio Lower Upper
43 100
58 56.5 28.1 84.3

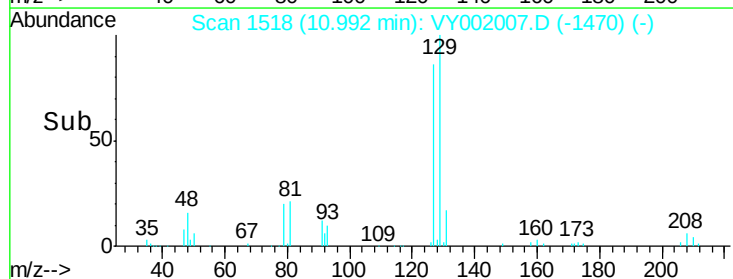
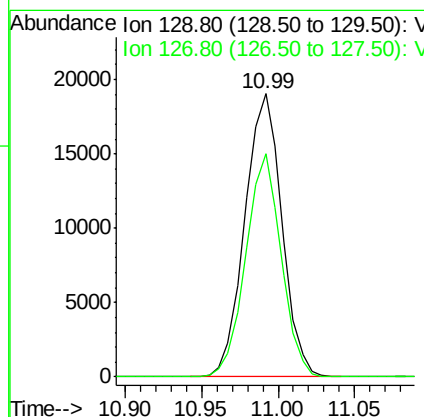
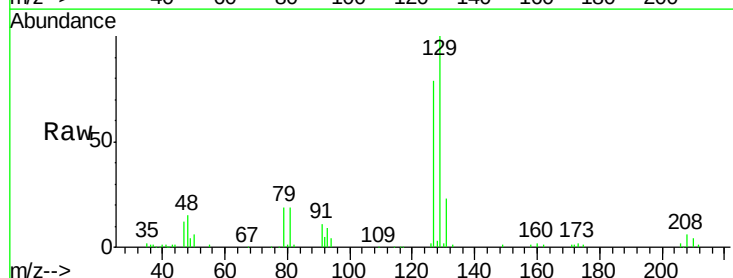
Manual Integrations
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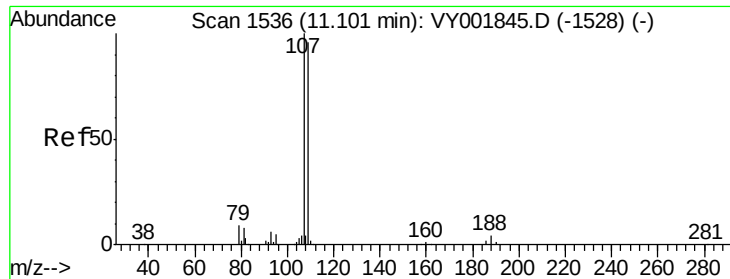
MMDadoda
3/19/2020 11:59:37 AM



#60
Dibromochloromethane
Concen: 20.155 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. -0.01 min
Lab File: VY002007.D
Acq: 18 Mar 2020 12:33

Tgt Ion: 129 Resp: 32023
Ion Ratio Lower Upper
129 100
127 75.4 39.0 117.0





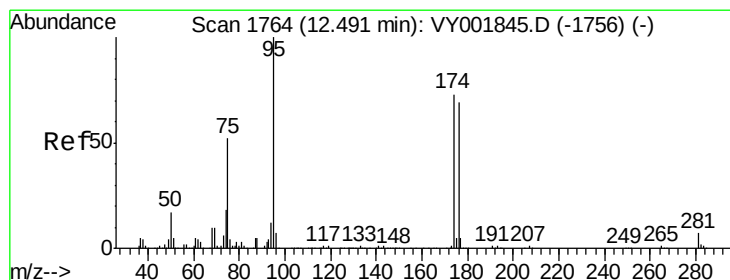
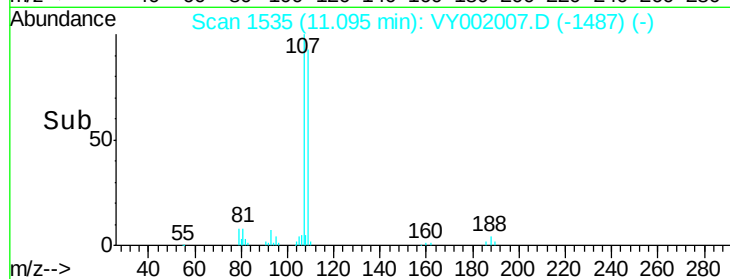
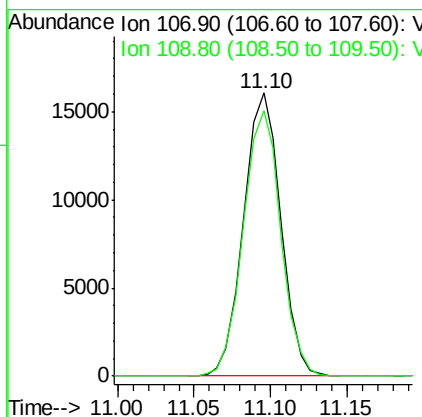
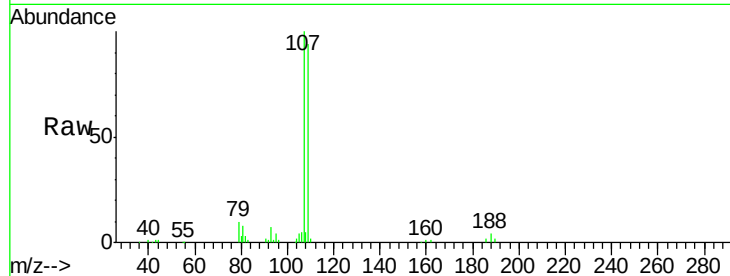
#61
 1,2-Dibromoethane
 Concen: 18.985 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. -0.01 min
 Lab File: VY002007.D
 Acq: 18 Mar 2020 12:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0318SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.7	75.4	113.0

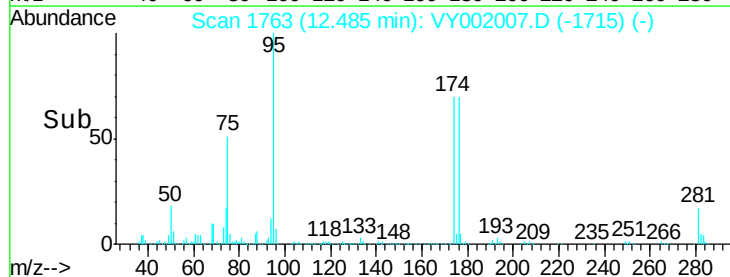
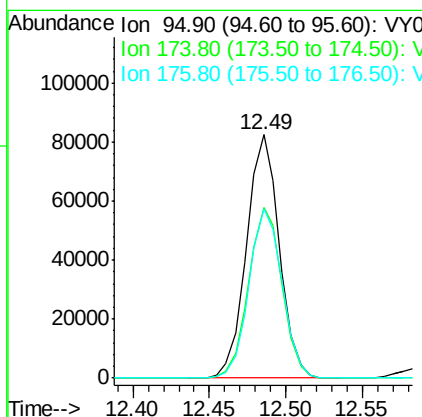
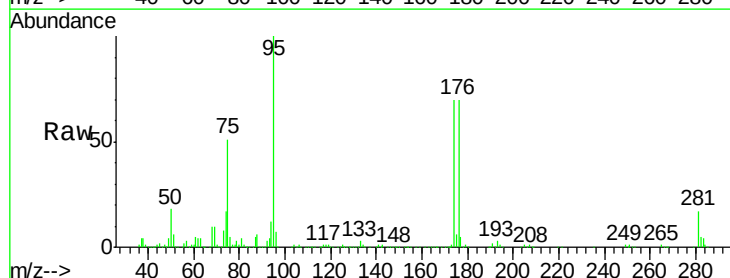
Manual Integrations
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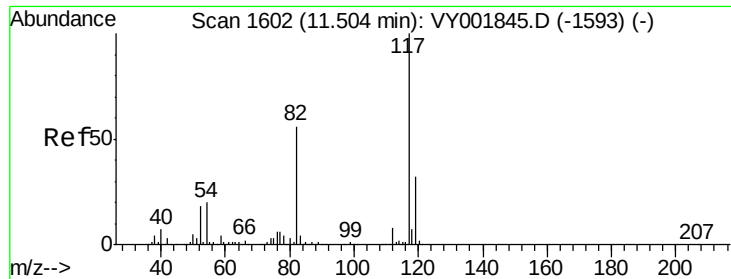
MMDadoda
 3/19/2020 11:59:37 AM



#62
 4-Bromofluorobenzene
 Concen: 54.711 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. -0.01 min
 Lab File: VY002007.D
 Acq: 18 Mar 2020 12:33

Tgt Ion	Ratio	Lower	Upper
95	100		
174	71.9	0.0	145.0
176	70.9	0.0	137.4





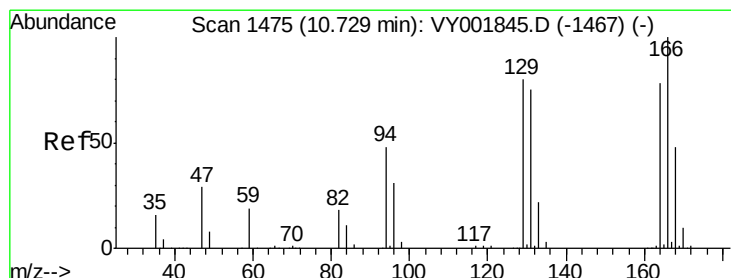
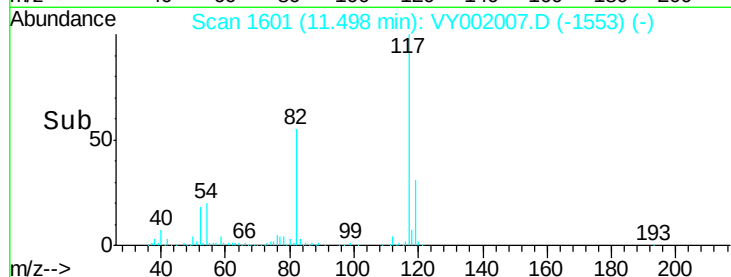
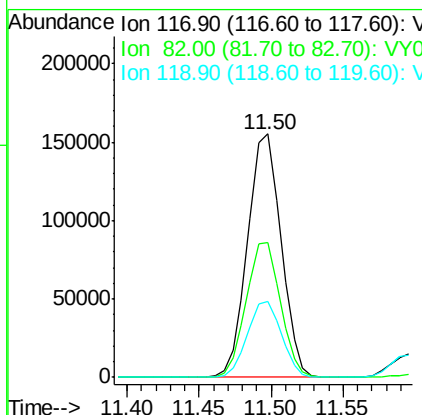
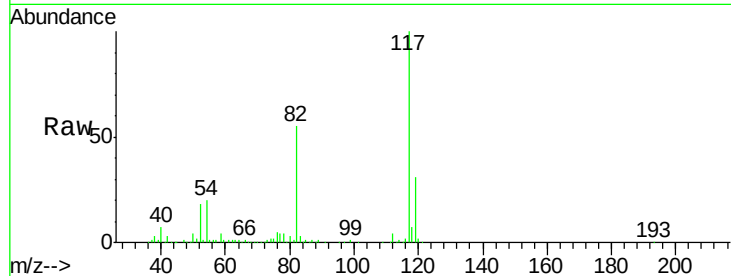
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY002007.D
Acq: 18 Mar 2020 12:33

Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	250424		
82	55.4	44.5	66.7	
119	31.1	25.7	38.5	

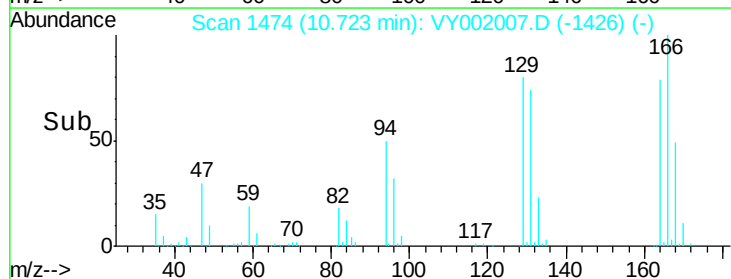
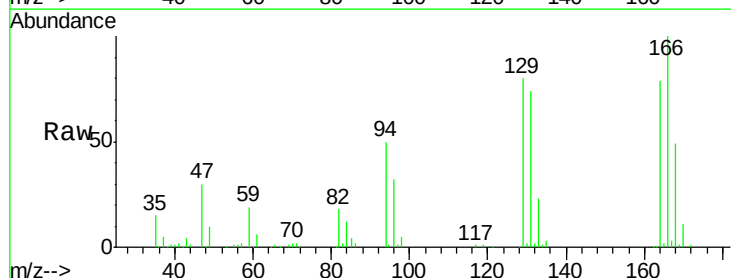
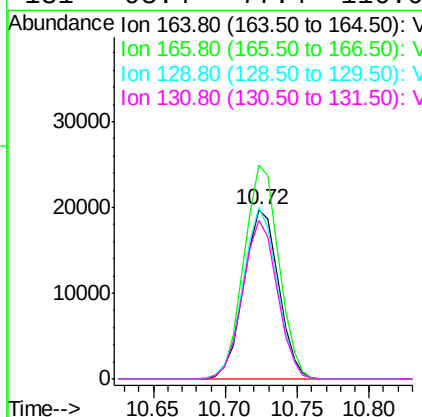
Manual Integrations
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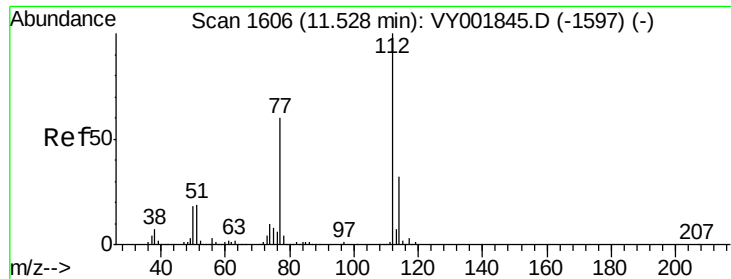
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3/19/2020 11:59:37 AM



#64
Tetrachloroethene
Concen: 21.023 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.01 min
Lab File: VY002007.D
Acq: 18 Mar 2020 12:33

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	33016		
166	126.0	102.6	154.0	
129	101.1	82.3	123.5	
131	93.4	77.4	116.0	





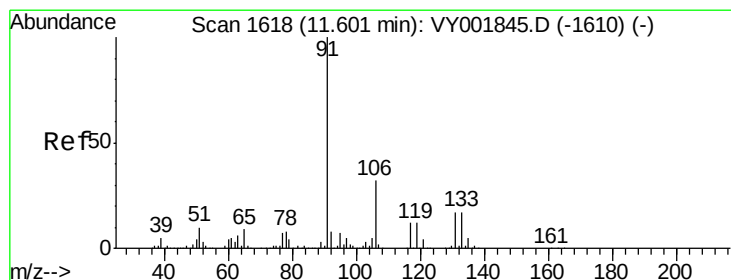
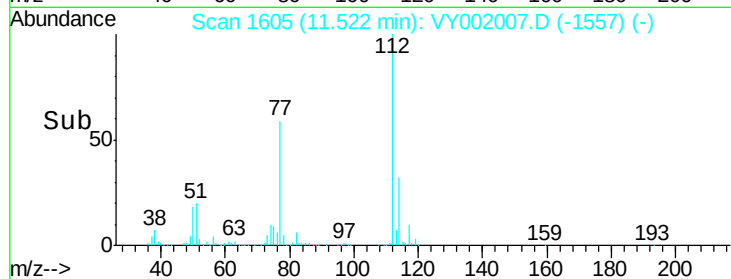
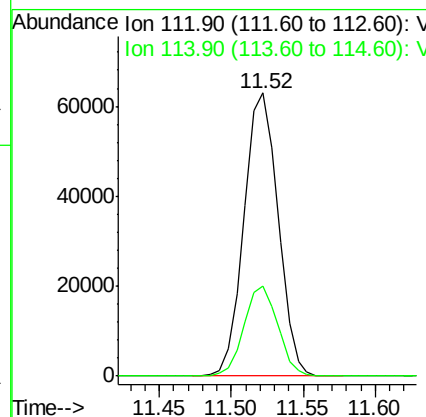
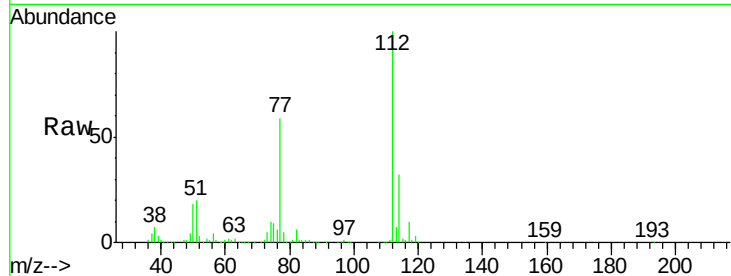
#65
Chlorobenzene
Concen: 20.685 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. -0.01 min
Lab File: VY002007.D
Acq: 18 Mar 2020 12:33

Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBS01

Tot Ion	Ratio	Resp	Lower	Upper
112	100	103212		
114	31.9	25.9	38.9	

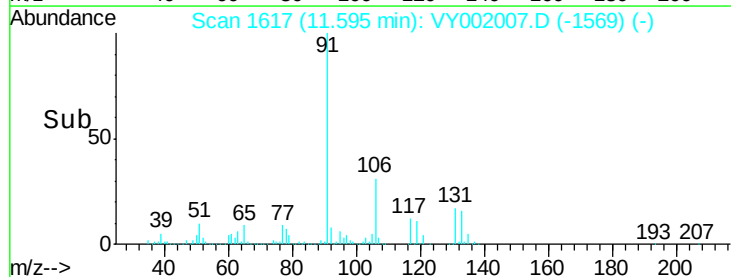
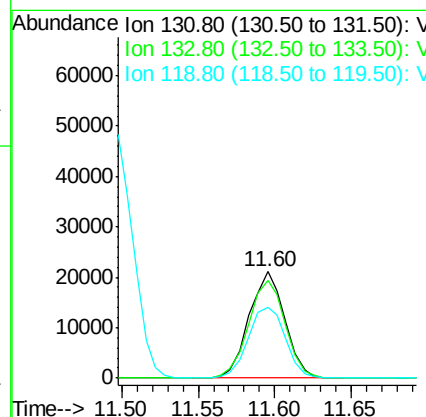
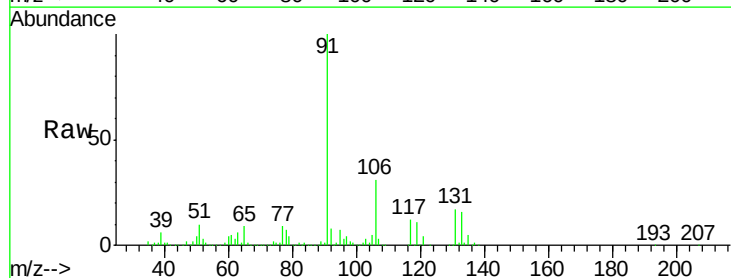
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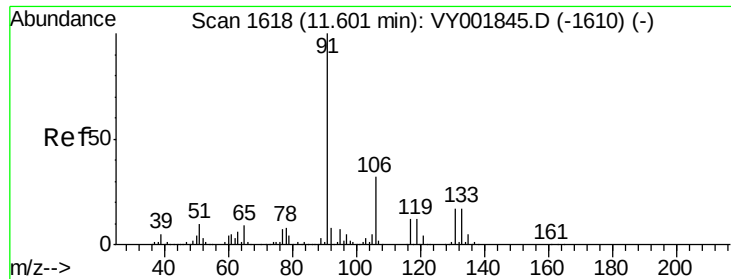
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.939 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY002007.D
Acq: 18 Mar 2020 12:33

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	34262		
133	94.1	47.1	141.3	
119	69.7	34.5	103.6	





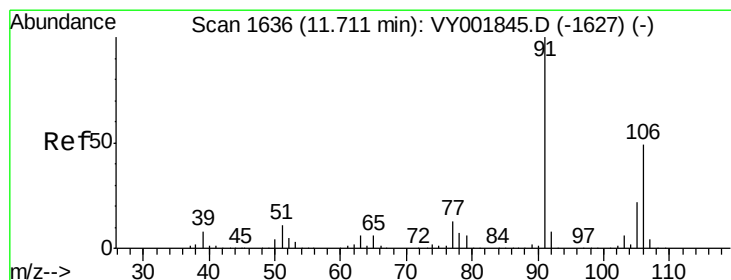
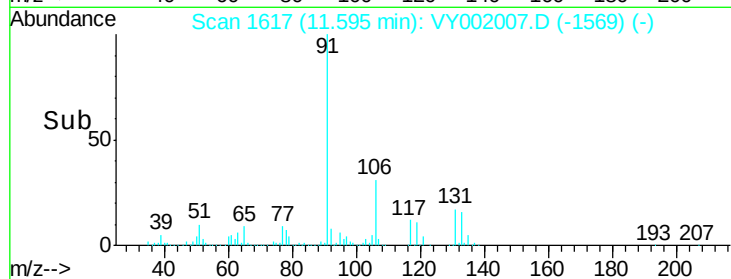
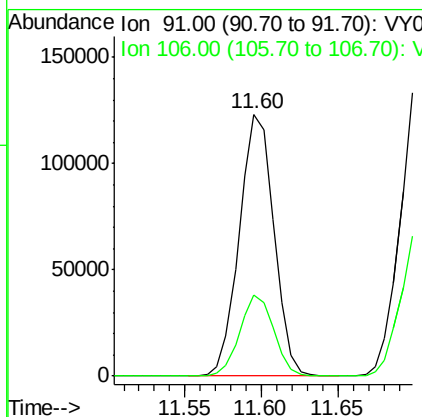
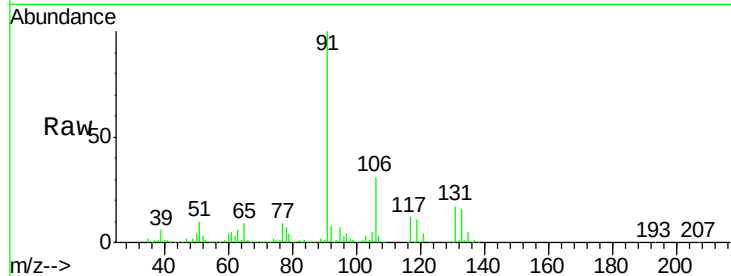
#67
Ethyl Benzene
Concen: 20.807 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY002007.D
Acq: 18 Mar 2020 12:33

Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBS01

Tot Ion: 91 Resp: 193629
Ion Ratio Lower Upper
91 100
106 31.0 25.4 38.2

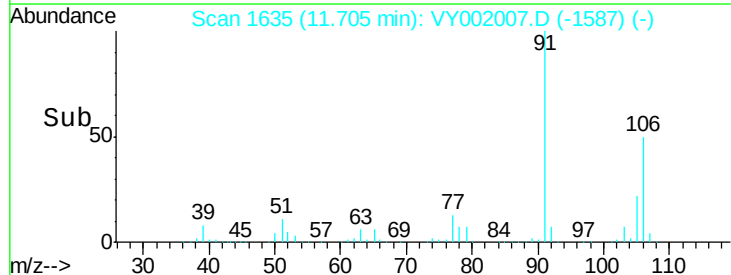
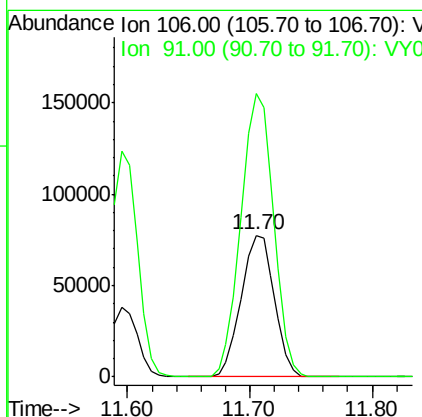
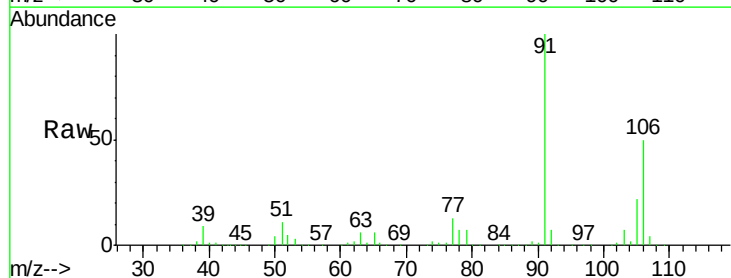
Manual Integrations
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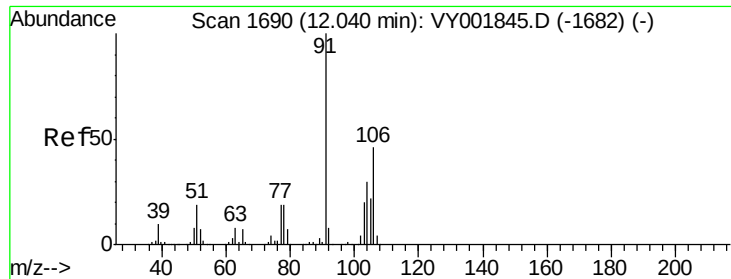
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#68
m/p-Xylenes
Concen: 42.347 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VY002007.D
Acq: 18 Mar 2020 12:33

Tgt Ion: 106 Resp: 145696
Ion Ratio Lower Upper
106 100
91 197.9 161.3 241.9





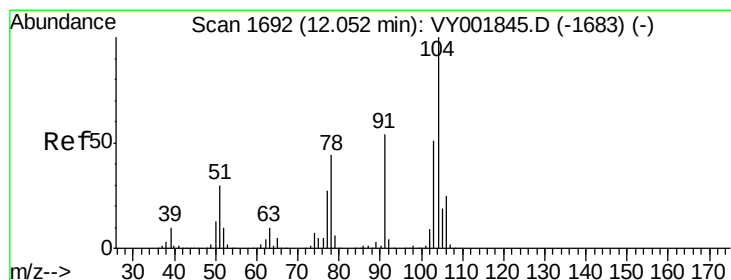
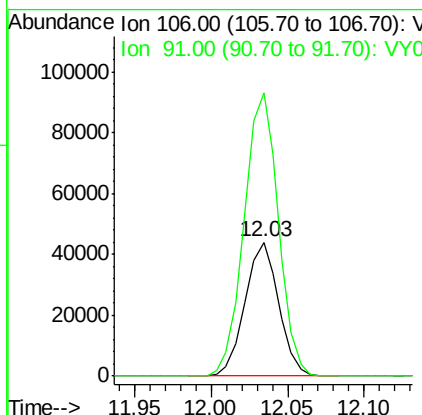
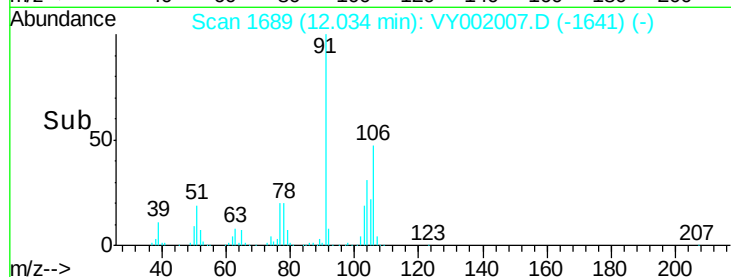
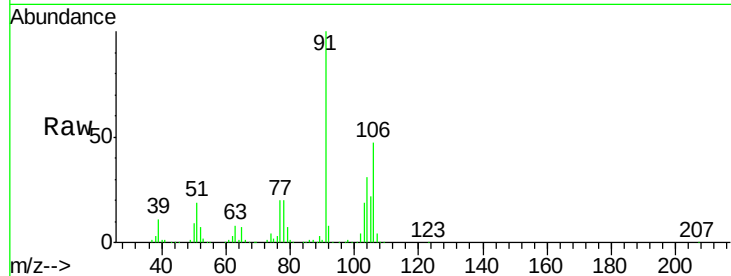
#69
o-Xylene
Concen: 20.746 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.01 min
Lab File: VY002007.D
Acq: 18 Mar 2020 12:33

Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBS01

Tot Ion:106 Resp: 67275
Ion Ratio Lower Upper
106 100
91 215.2 106.8 320.4

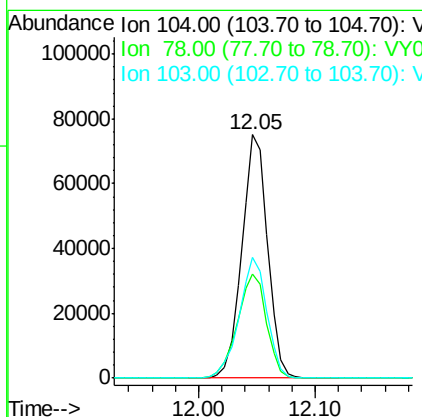
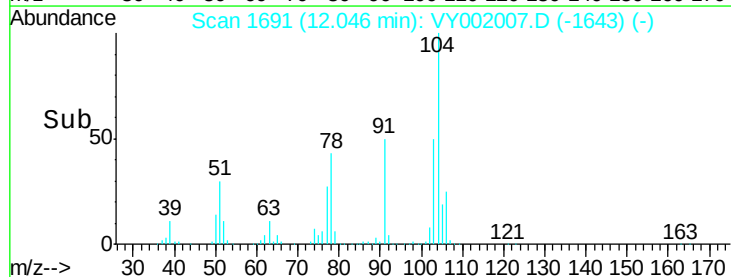
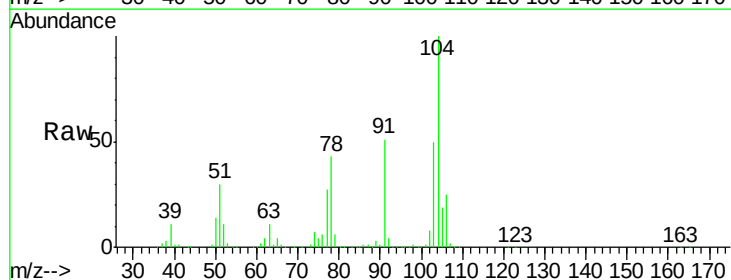
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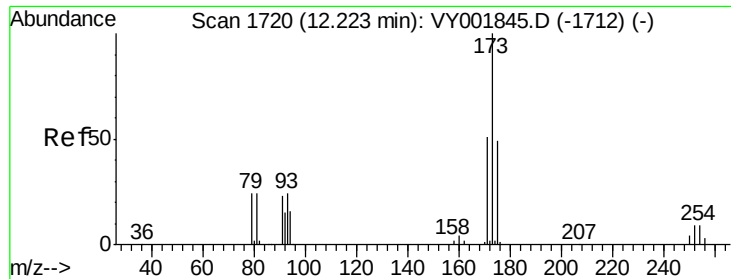
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#70
Styrene
Concen: 20.859 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.01 min
Lab File: VY002007.D
Acq: 18 Mar 2020 12:33

Tgt Ion:104 Resp: 115850
Ion Ratio Lower Upper
104 100
78 48.2 38.5 57.7
103 53.3 42.9 64.3





#71

Bromoform

Concen: 18.866 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. -0.01 min

Lab File: VY002007.D

Acq: 18 Mar 2020 12:33

Instrument :

MSVOA_Y

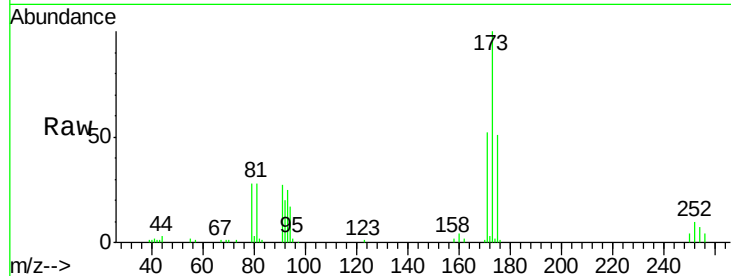
ClientSampleId :

VY0318SBS01

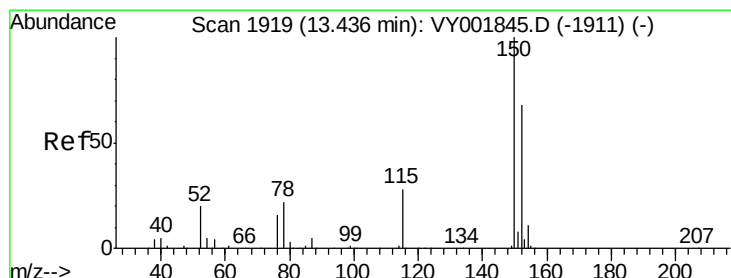
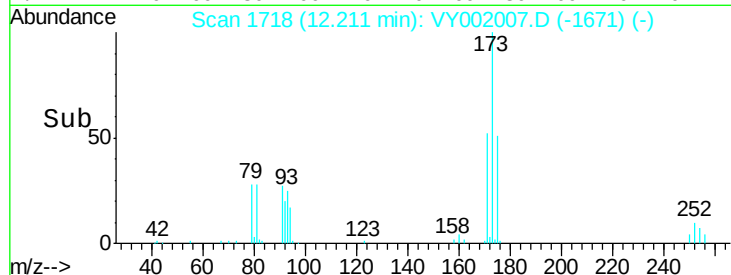
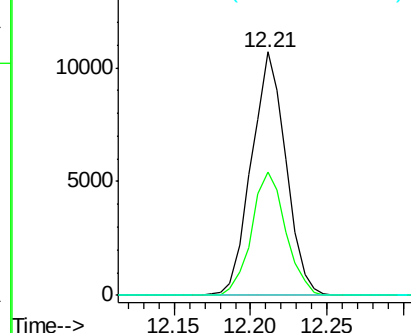
Tot Ion:	173	Resp:	16742
Ion Ratio	Lower	Upper	
173	100		
175	50.1	24.3	72.8
254	0.0	0.0	0.0

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

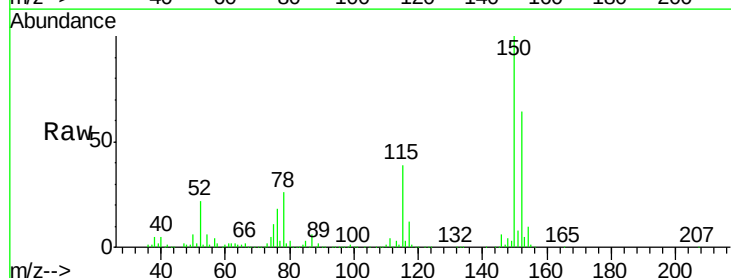
RT: 13.43 min Scan# 1918

Delta R.T. -0.01 min

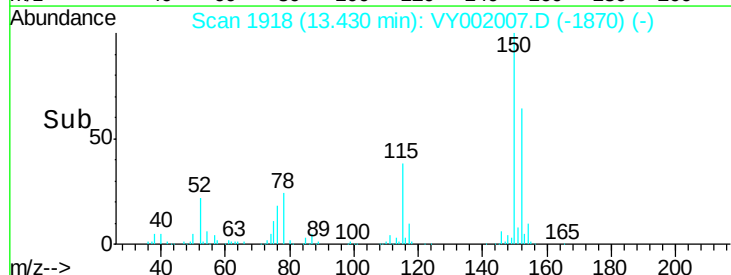
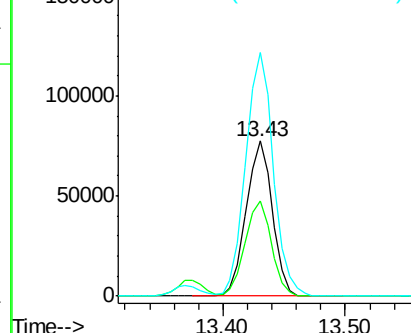
Lab File: VY002007.D

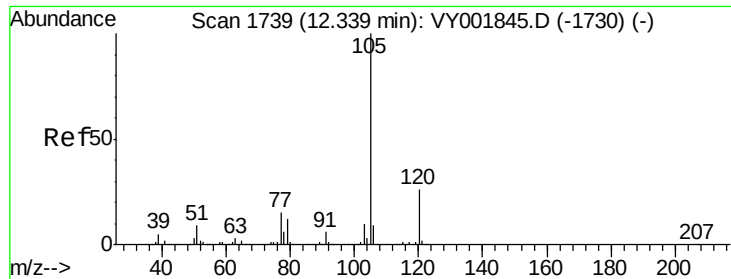
Acq: 18 Mar 2020 12:33

Tgt Ion:	152	Resp:	114787
Ion Ratio	Lower	Upper	
152	100		
115	62.0	29.9	89.7
150	166.2	0.0	340.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





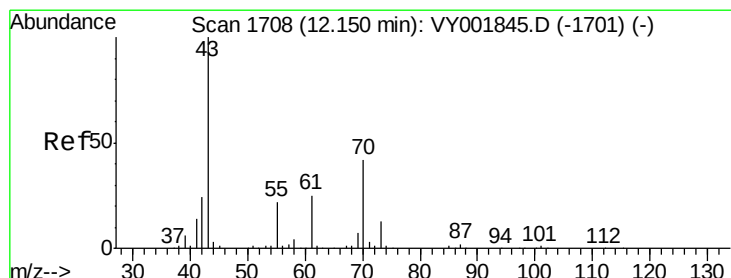
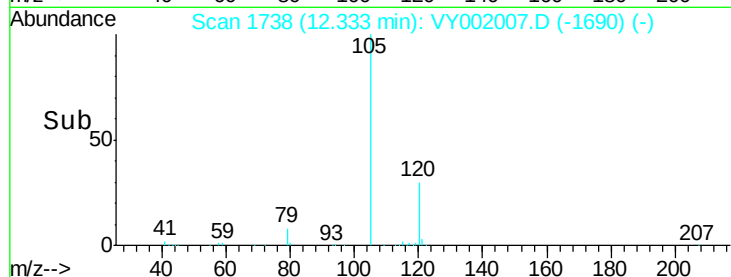
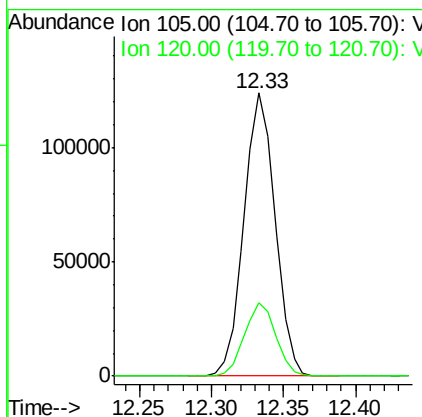
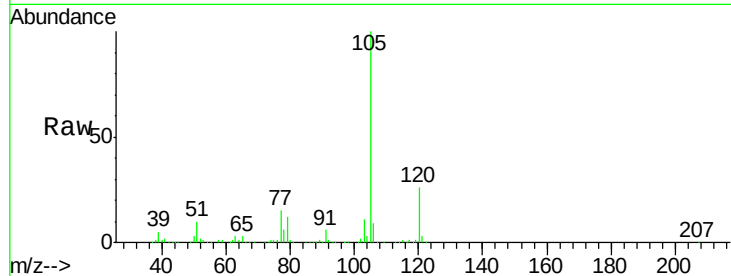
#73
Isopropylbenzene
Concen: 21.159 ug/l
RT: 12.33 min Scan# 1738
Delta R.T. -0.01 min
Lab File: VY002007.D
Acq: 18 Mar 2020 12:33

Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.9	13.1	39.3

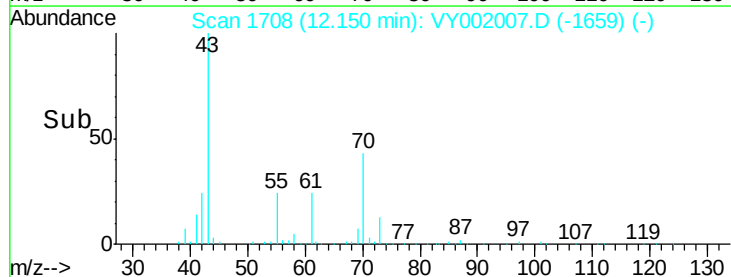
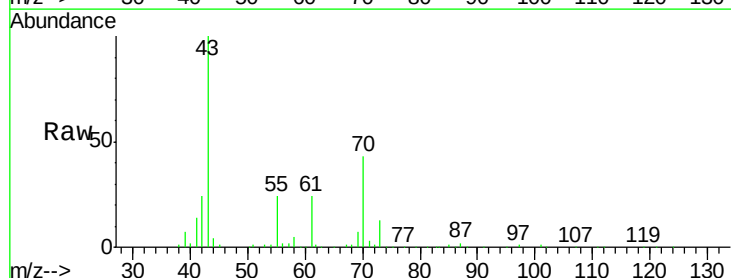
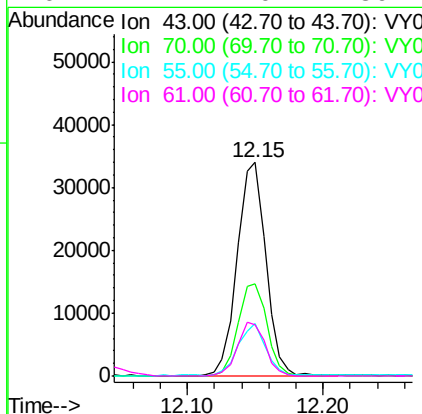
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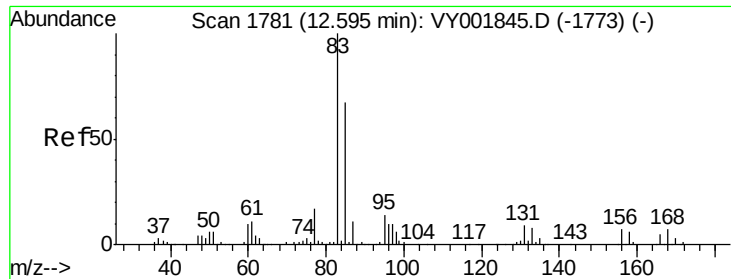
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#74
N-ethyl acetate
Concen: 18.484 ug/l
RT: 12.15 min Scan# 1708
Delta R.T. 0.00 min
Lab File: VY002007.D
Acq: 18 Mar 2020 12:33

Tgt Ion	Ratio	Lower	Upper
43	100		
70	43.7	34.7	52.1
55	23.4	18.2	27.4
61	24.7	20.1	30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 19.072 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. -0.01 min

Lab File: VY002007.D

Acq: 18 Mar 2020 12:33

Instrument :

MSVOA_Y

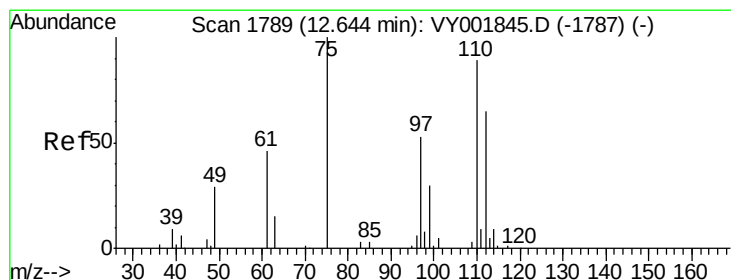
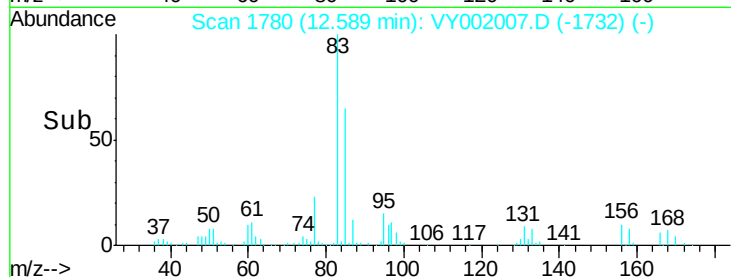
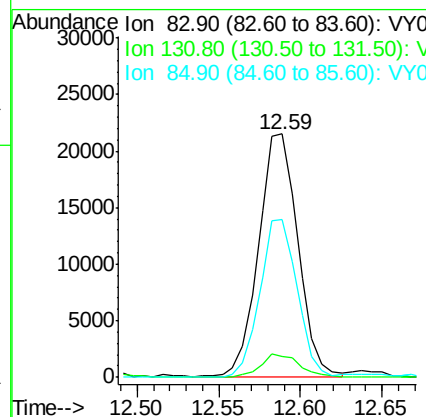
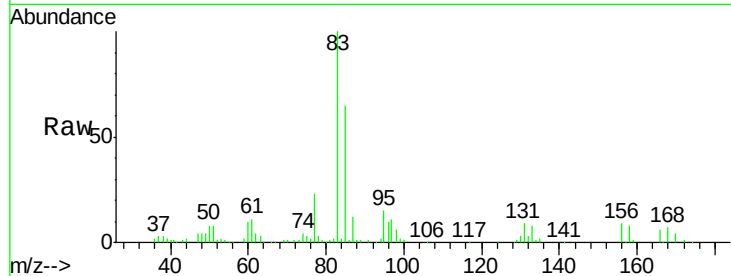
ClientSampleId :

VY0318SBS01

Tot Ion:	83	Resp:	36038
Ion Ratio	Lower	Upper	
83	100		
131	9.3	4.6	13.8
85	61.9	32.1	96.3

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#76

1,2,3-Trichloropropane

Concen: 17.176 ug/l m

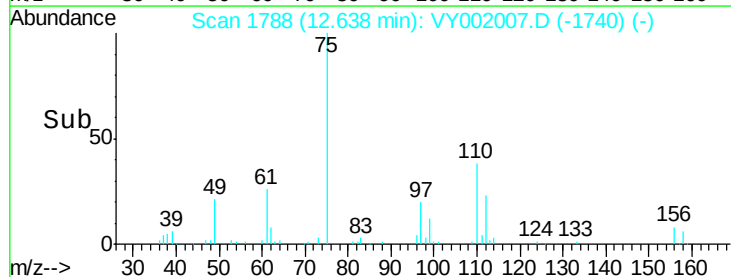
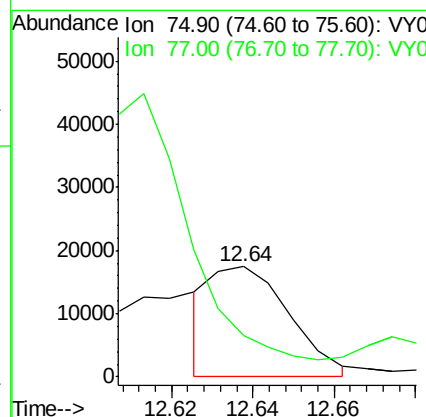
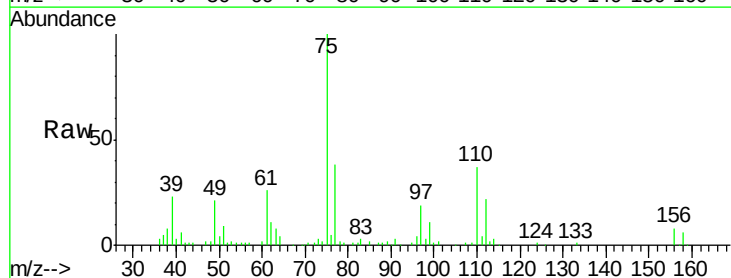
RT: 12.64 min Scan# 1788

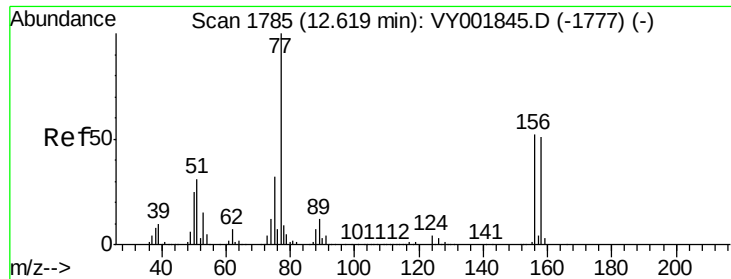
Delta R.T. -0.01 min

Lab File: VY002007.D

Acq: 18 Mar 2020 12:33

Tgt Ion:	75	Resp:	23394
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.462 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. -0.01 min

Lab File: VY002007.D

Acq: 18 Mar 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0318SBS01

Tot Ion:156 Resp: 37988

Ion Ratio Lower Upper

156 100

77 211.5 109.0 327.0

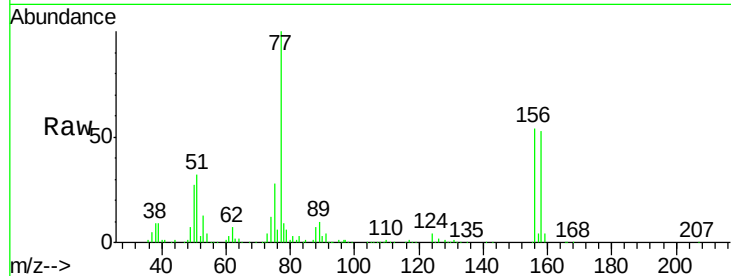
158 99.5 48.9 146.8

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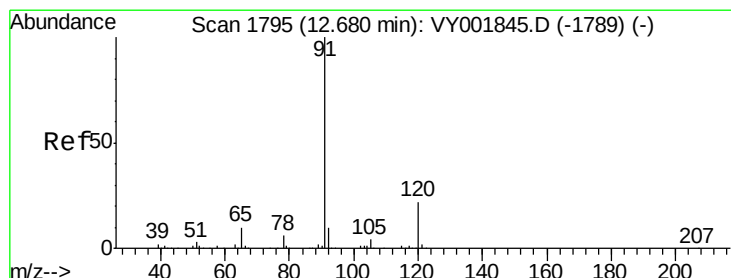
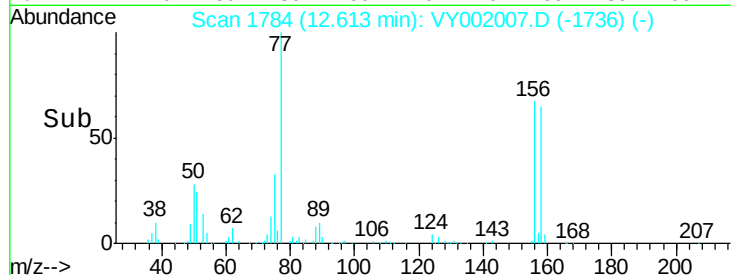
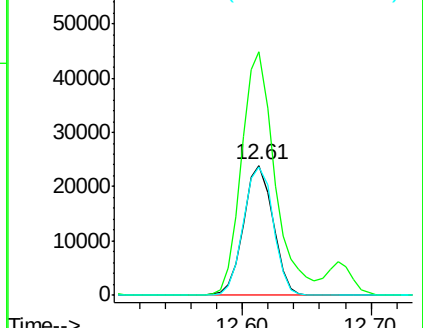
3/19/2020 11:59:37 AM



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: 21.238 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.01 min

Lab File: VY002007.D

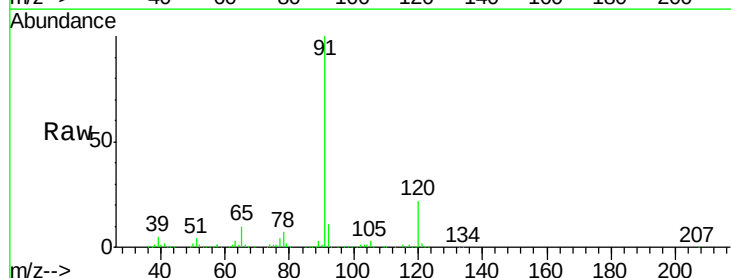
Acq: 18 Mar 2020 12:33

Tgt Ion: 91 Resp: 229594

Ion Ratio Lower Upper

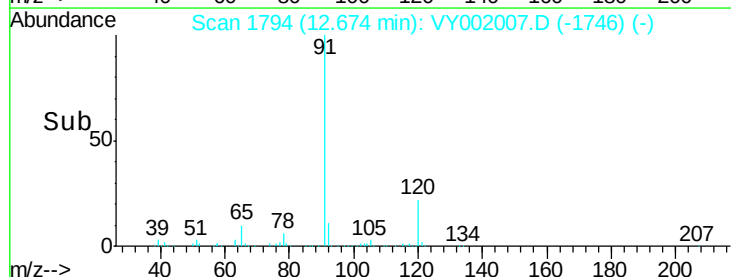
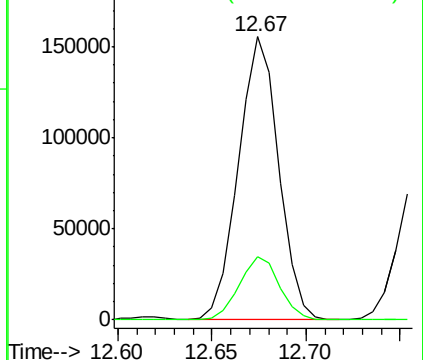
91 100

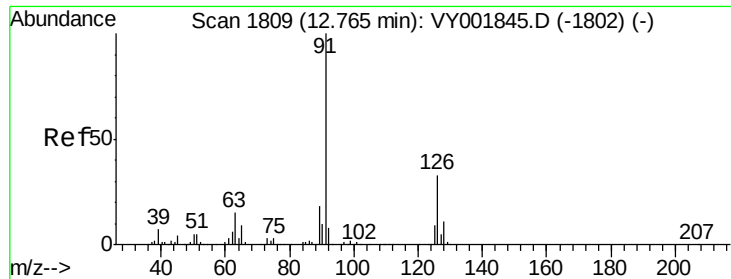
120 22.3 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





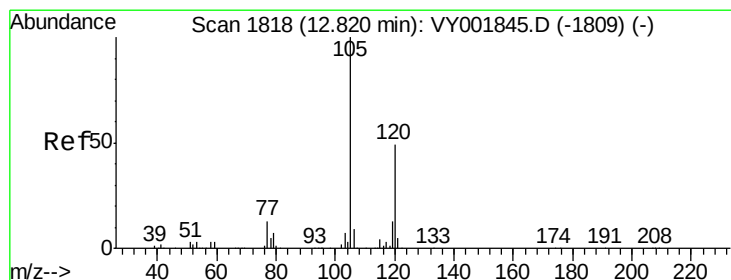
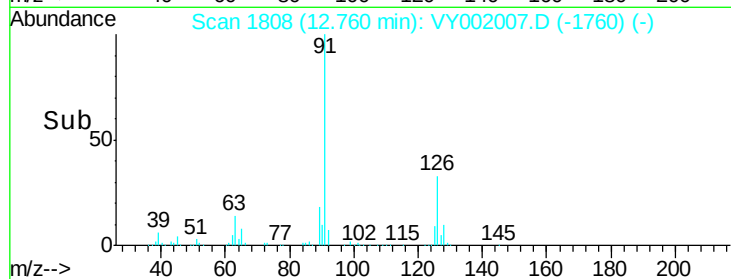
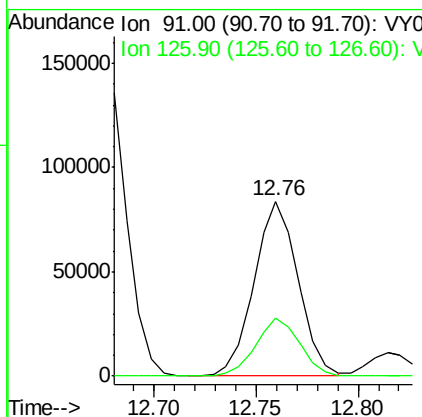
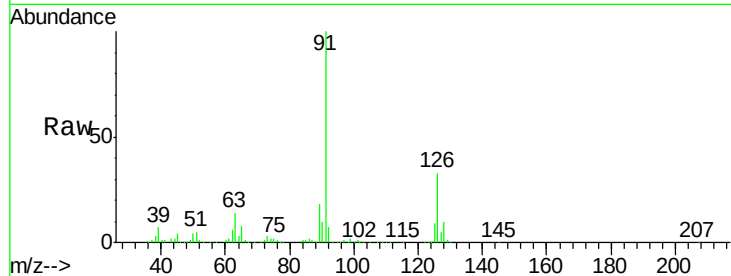
#79
2-Chlorotoluene
Concen: 21.004 ug/l
RT: 12.76 min Scan# 1808
Delta R.T. -0.01 min
Lab File: VY002007.D
Acq: 18 Mar 2020 12:33

Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
126	33.3	16.3	48.8

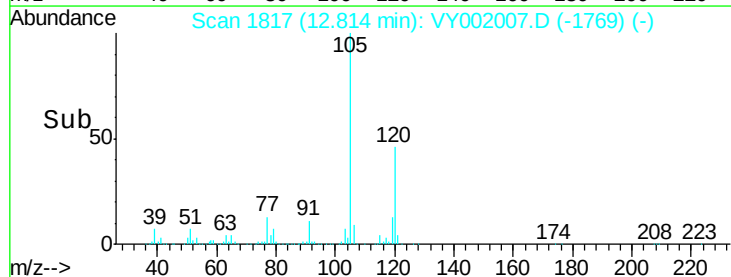
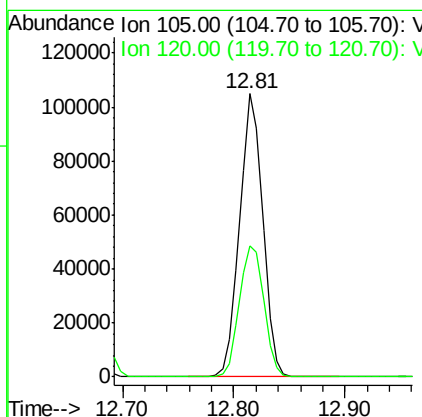
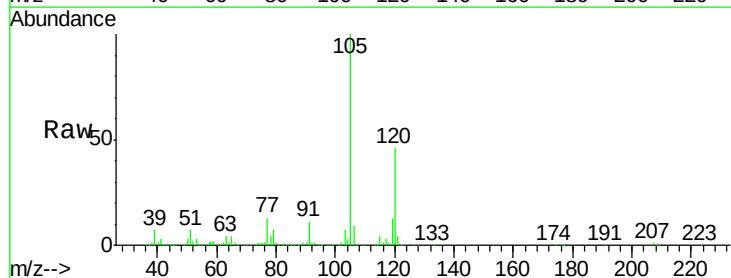
Manual Integrations
APPROVED

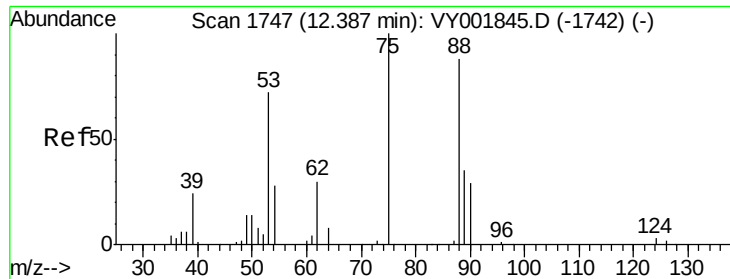
MMDadoda
3/19/2020 11:59:37 AM



#80
1,3,5-Trimethylbenzene
Concen: 21.051 ug/l
RT: 12.81 min Scan# 1817
Delta R.T. -0.01 min
Lab File: VY002007.D
Acq: 18 Mar 2020 12:33

Tgt Ion	Ratio	Lower	Upper
105	100		
120	49.0	24.4	73.2





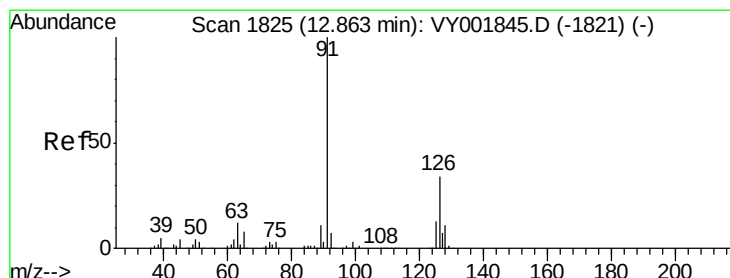
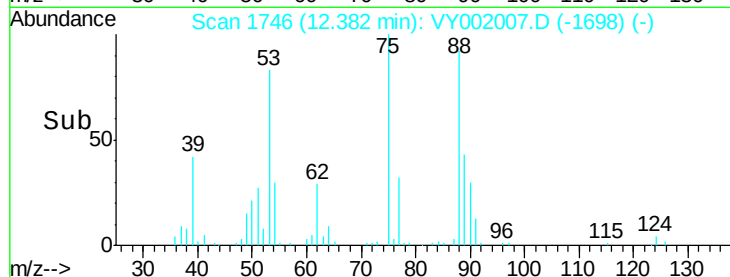
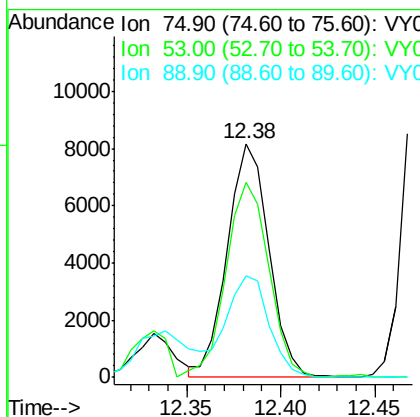
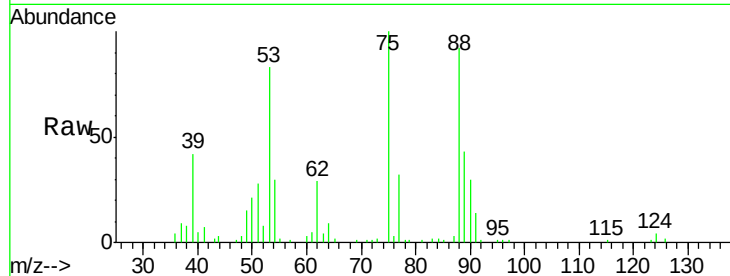
#81
trans-1,4-Dichloro-2-butene
Concen: 18.600 ug/l
RT: 12.38 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VY002007.D
Acq: 18 Mar 2020 12:33

Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	85.0	65.4	98.0
89	45.2	36.0	54.0

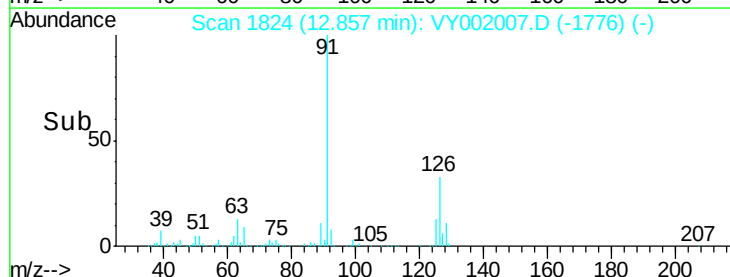
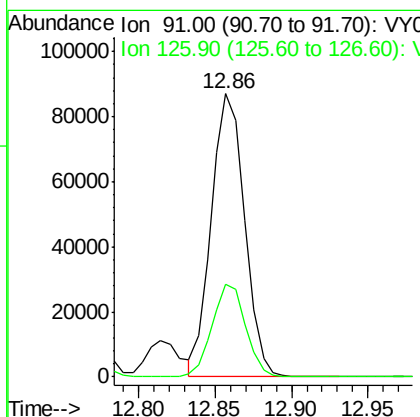
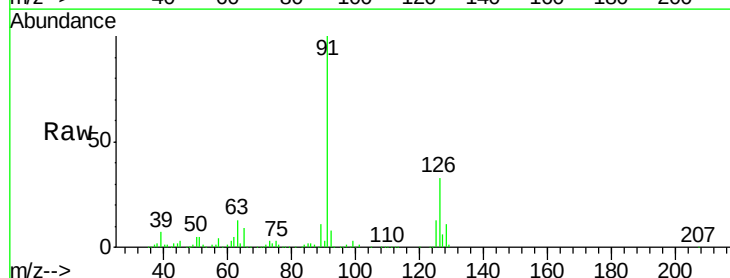
Manual Integrations
APPROVED

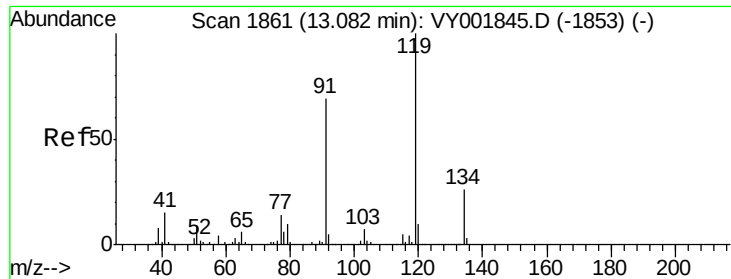
MMDadoda
3/19/2020 11:59:37 AM



#82
4-Chlorotoluene
Concen: 21.131 ug/l
RT: 12.86 min Scan# 1824
Delta R.T. -0.01 min
Lab File: VY002007.D
Acq: 18 Mar 2020 12:33

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.0	16.4	49.2





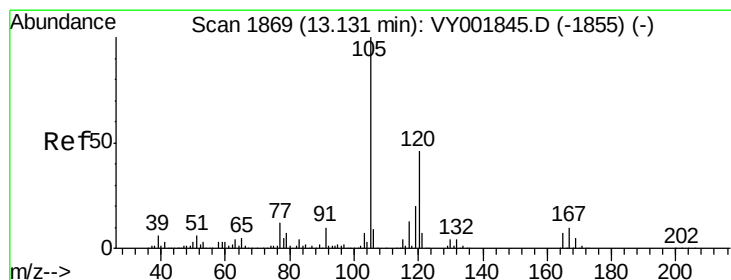
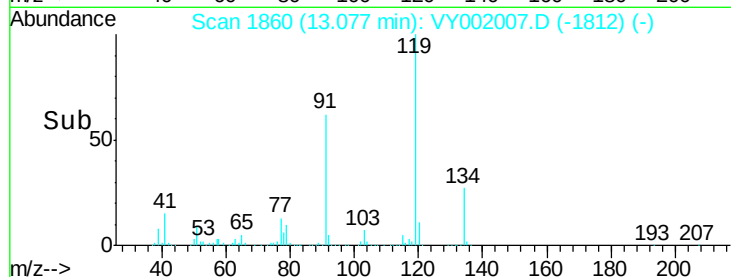
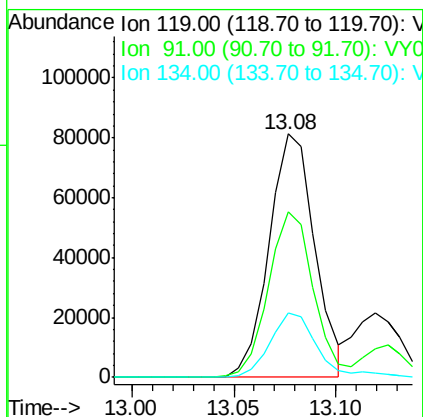
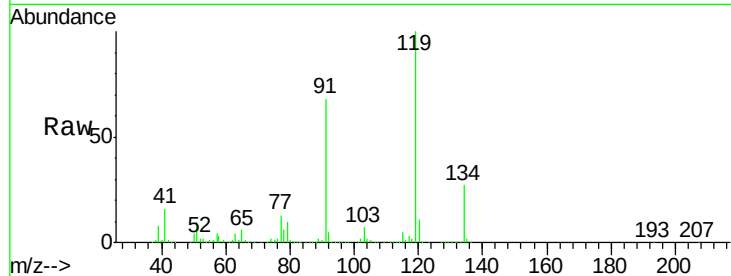
#83
 tert-Butylbenzene
 Concen: 21.235 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. -0.01 min
 Lab File: VY002007.D
 Acq: 18 Mar 2020 12:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0318SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	127231		
91	67.2	34.0	101.8	
134	27.6	13.5	40.4	

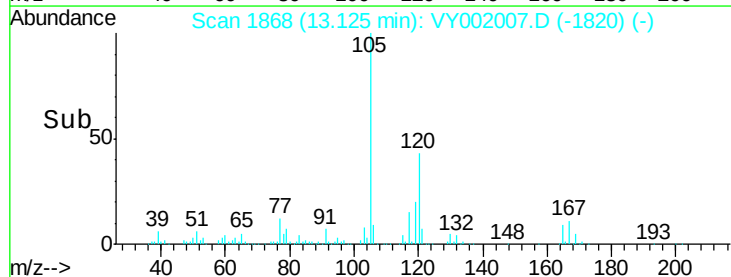
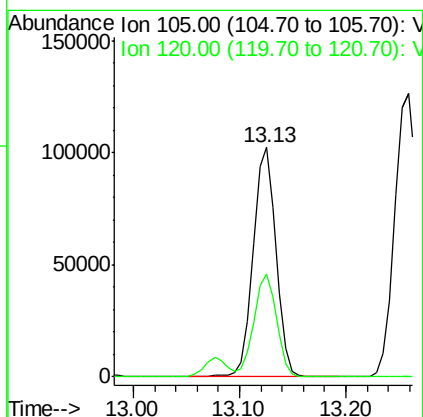
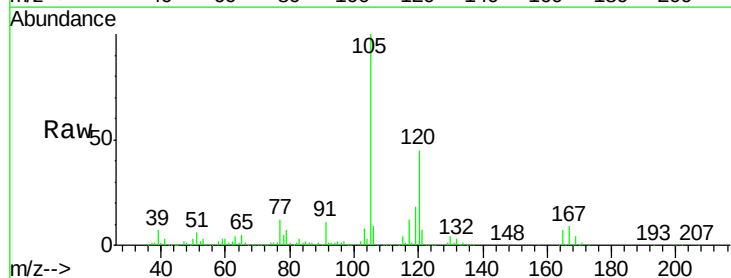
Manual Integrations
 APPROVED

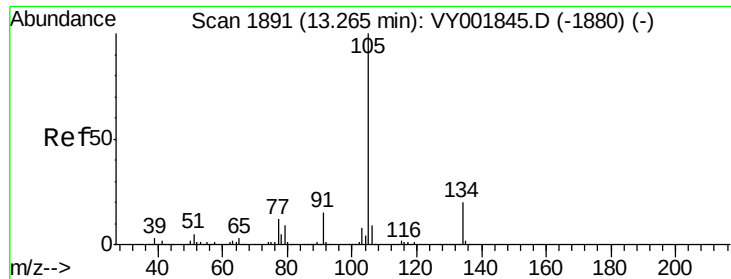
MMDadoda
 3/19/2020 11:59:37 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 21.536 ug/l
 RT: 13.13 min Scan# 1868
 Delta R.T. -0.01 min
 Lab File: VY002007.D
 Acq: 18 Mar 2020 12:33

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	154174		
120	44.8	22.6	67.7	





#85

sec-Butylbenzene

Concen: 21.654 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. -0.01 min

Lab File: VY002007.D

Acq: 18 Mar 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0318SBS01

Tot Ion:105 Resp: 191234

Ion Ratio Lower Upper

105 100

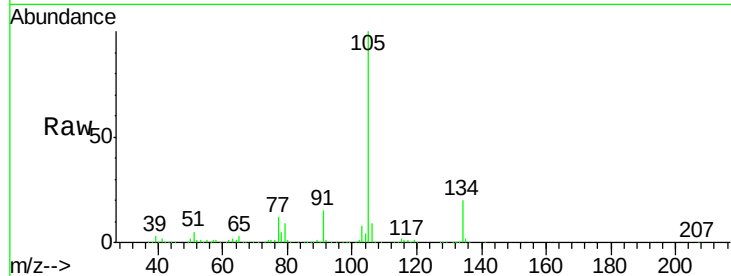
134 19.4 9.7 29.1

Manual Integrations

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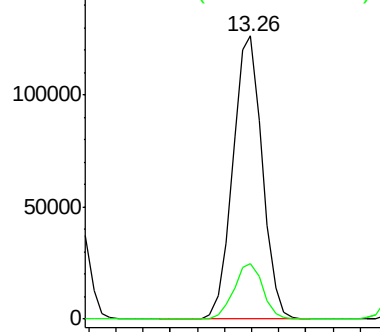
MMDadoda

3/19/2020 11:59:37 AM

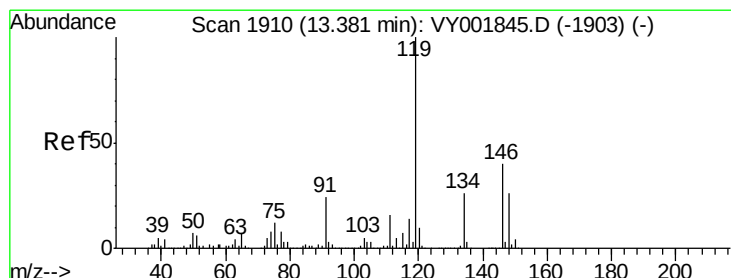
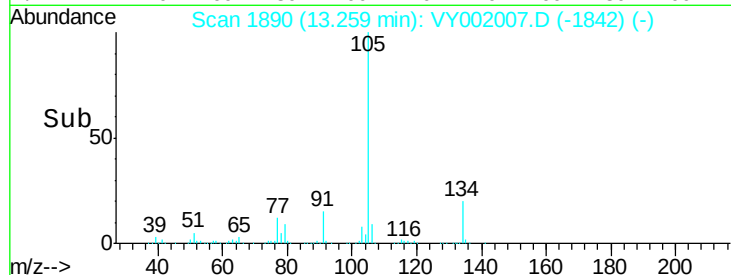


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



Time-->



#86

p-Isopropyltoluene

Concen: 21.752 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. -0.01 min

Lab File: VY002007.D

Acq: 18 Mar 2020 12:33

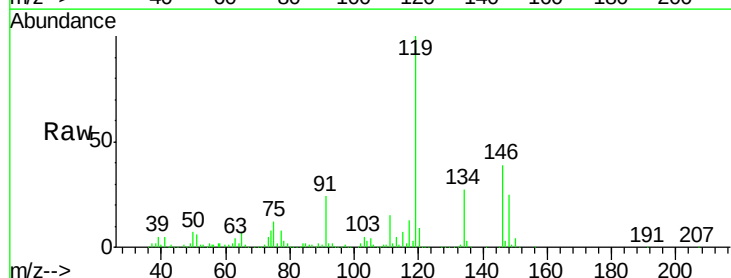
Tgt Ion:119 Resp: 165710

Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.3

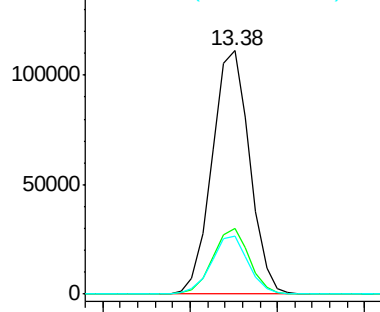
91 23.3 11.9 35.7



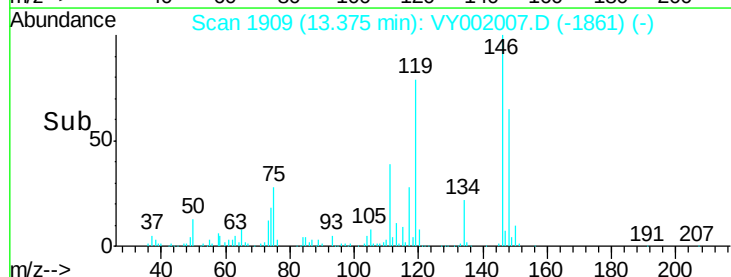
Abundance Ion 119.00 (118.70 to 119.70): V

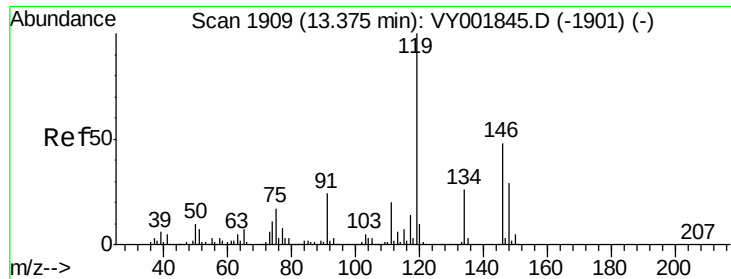
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0



Time-->





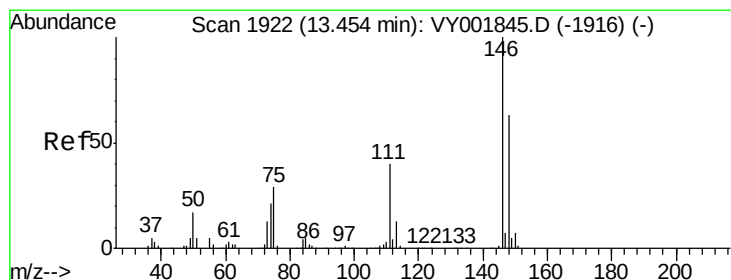
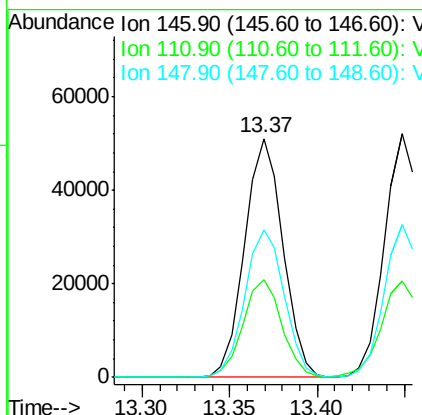
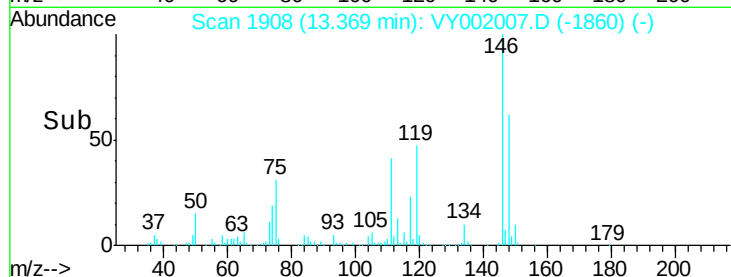
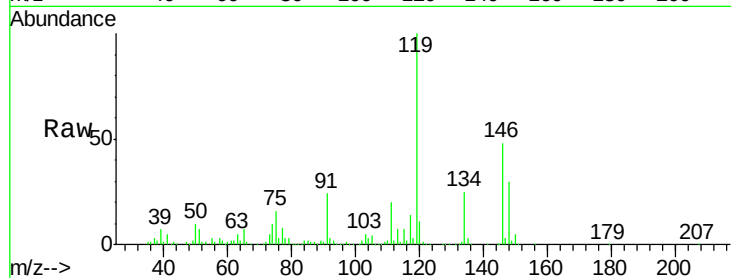
#87
 1,3-Dichlorobenzene
 Concen: 21.361 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.01 min
 Lab File: VY002007.D
 Acq: 18 Mar 2020 12:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0318SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.7	20.8	62.5
148	63.3	31.4	94.0

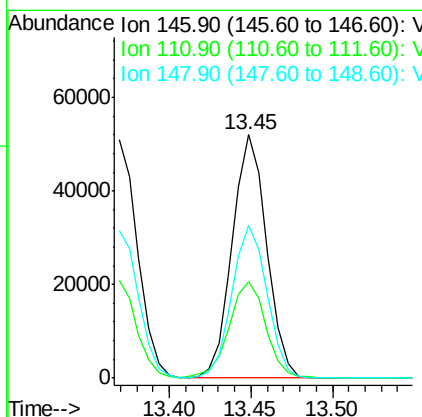
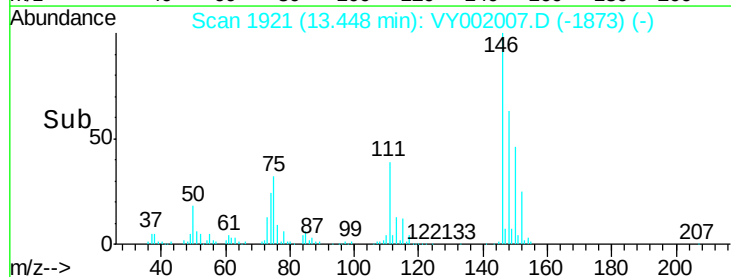
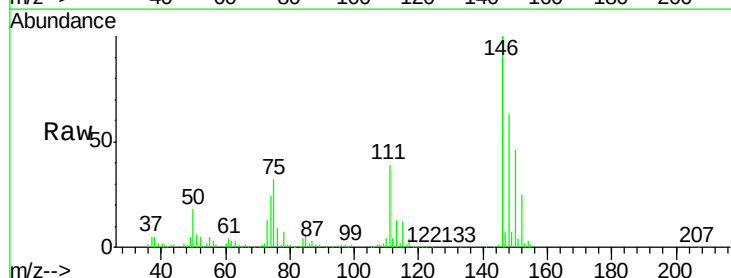
Manual Integrations
 APPROVED

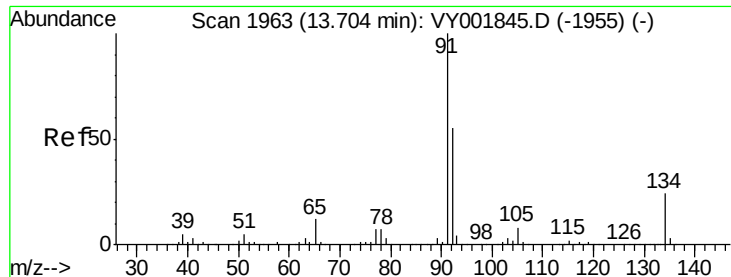
MMDadoda
 3/19/2020 11:59:37 AM



#88
 1,4-Dichlorobenzene
 Concen: 20.731 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: VY002007.D
 Acq: 18 Mar 2020 12:33

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.6	20.0	60.0
148	63.9	31.5	94.5





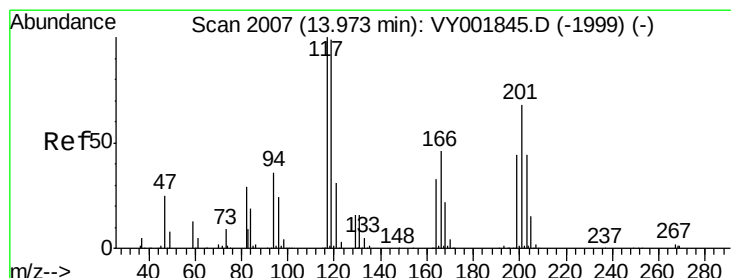
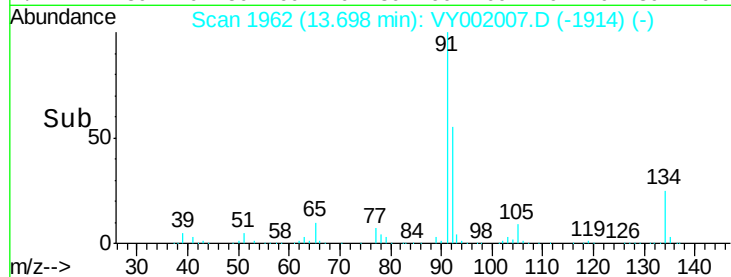
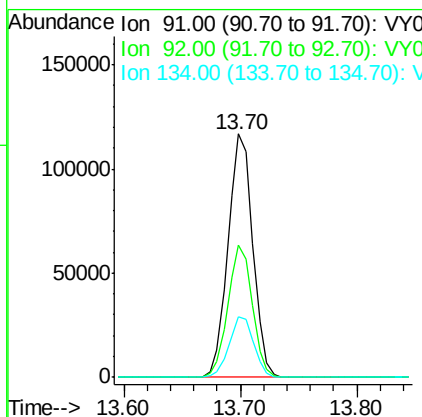
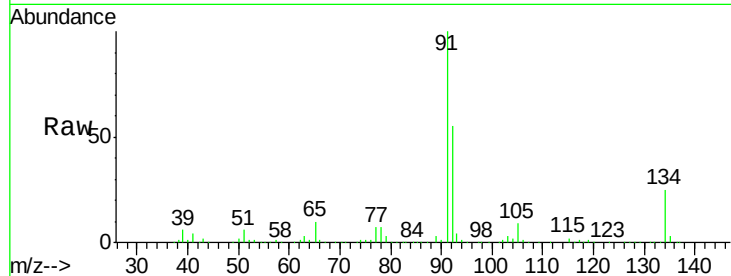
#89
n-Butylbenzene
Concen: 21.808 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. -0.01 min
Lab File: VY002007.D
Acq: 18 Mar 2020 12:33

Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.7	27.5	82.4
134	24.9	12.5	37.5

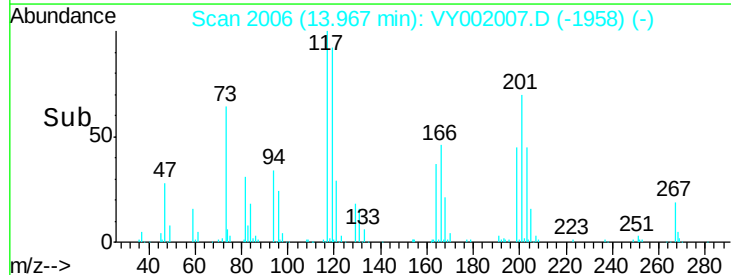
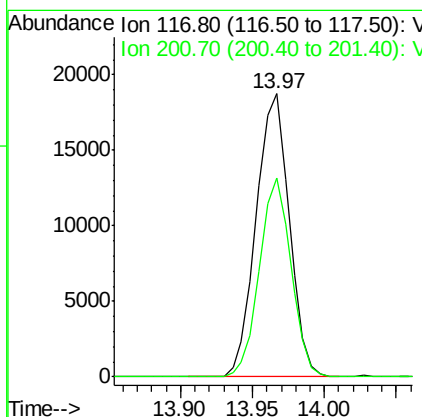
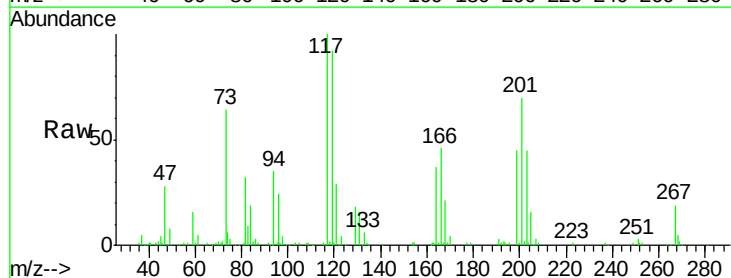
Manual Integrations
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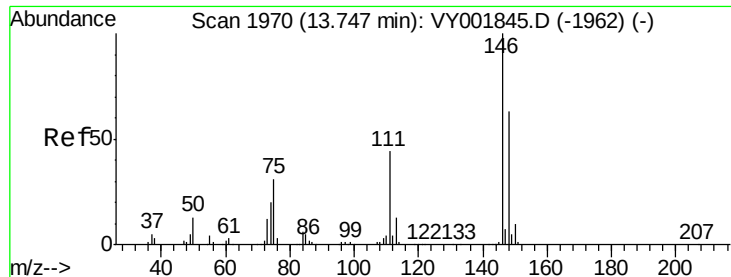
MMDadoda
3/19/2020 11:59:37 AM



#90
Hexachloroethane
Concen: 20.740 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. -0.01 min
Lab File: VY002007.D
Acq: 18 Mar 2020 12:33

Tgt Ion	Ratio	Lower	Upper
117	100		
201	67.1	32.5	97.5





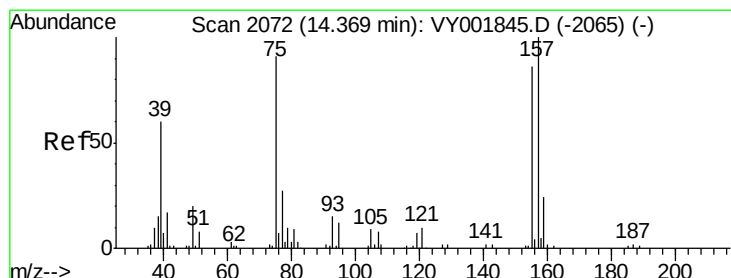
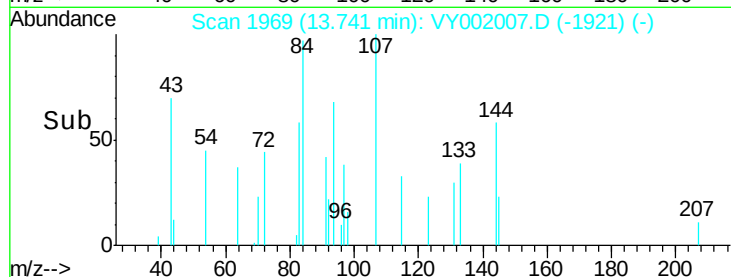
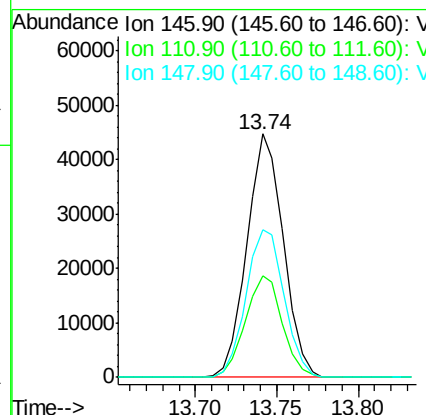
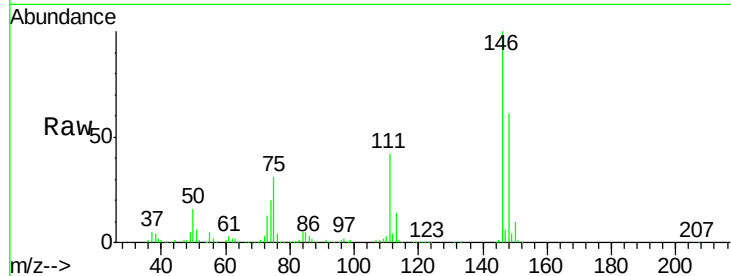
#91
 1,2-Dichlorobenzene
 Concen: 21.023 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. -0.01 min
 Lab File: VY002007.D
 Acq: 18 Mar 2020 12:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0318SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.8	21.5	64.5
148	63.4	32.0	96.0

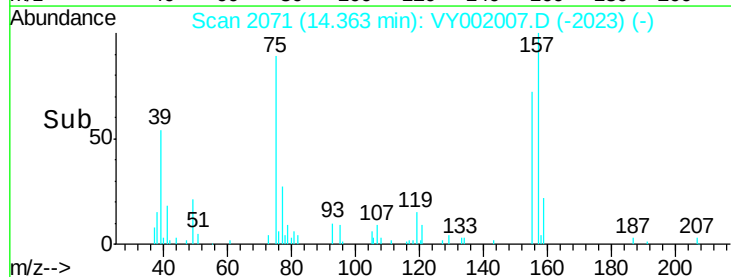
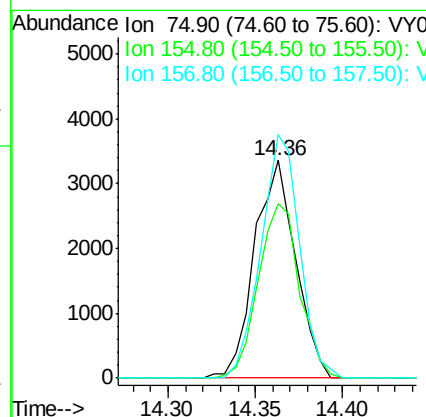
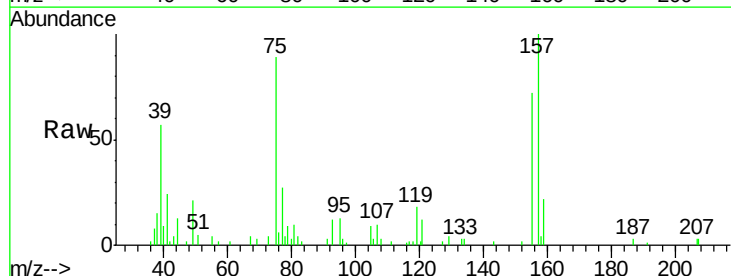
Manual Integrations
 APPROVED

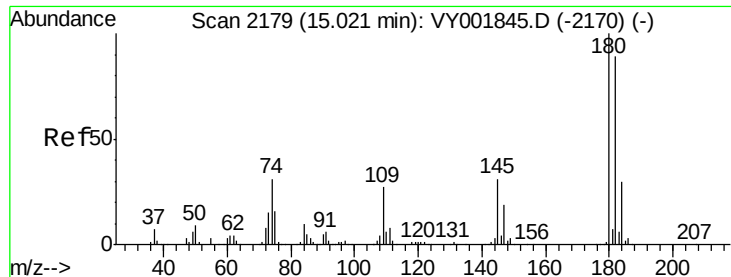
MMDadoda
 3/19/2020 11:59:37 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.561 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VY002007.D
 Acq: 18 Mar 2020 12:33

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.7	42.9	128.7
157	105.2	53.1	159.4





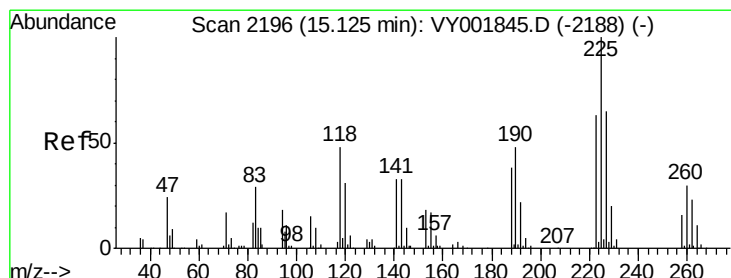
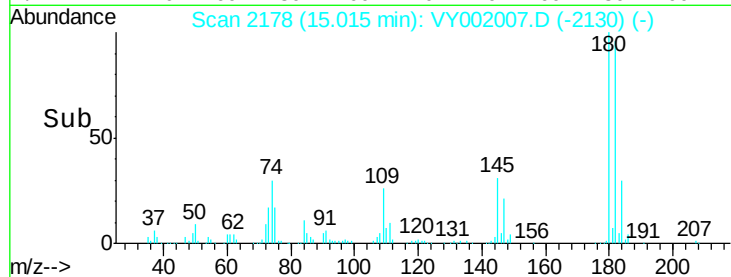
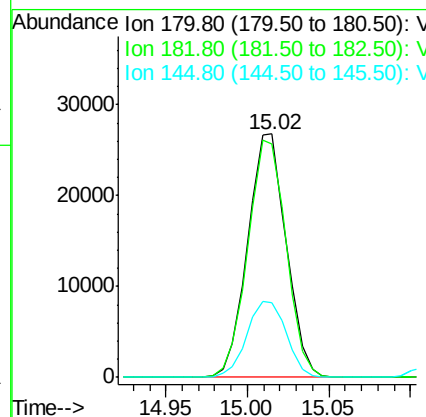
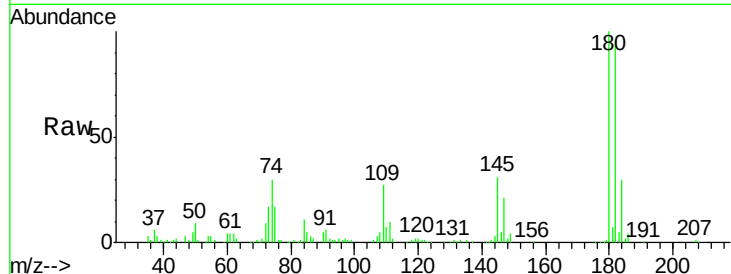
#93
1,2,4-Trichlorobenzene
Concen: 20.528 ug/l
RT: 15.02 min Scan# 2178
Delta R.T. -0.01 min
Lab File: VY002007.D
Acq: 18 Mar 2020 12:33

Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.1	46.1	138.3
145	32.1	15.6	46.8

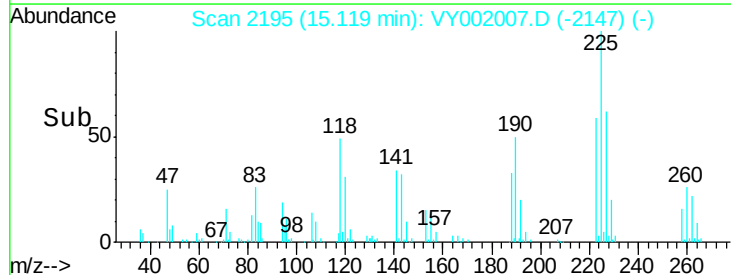
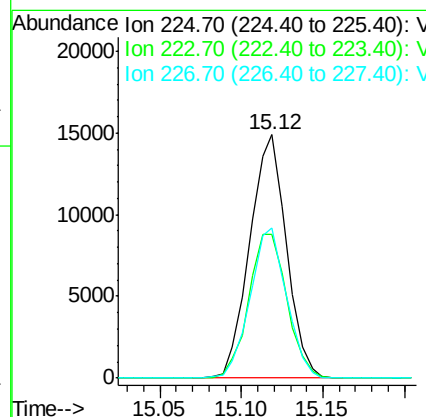
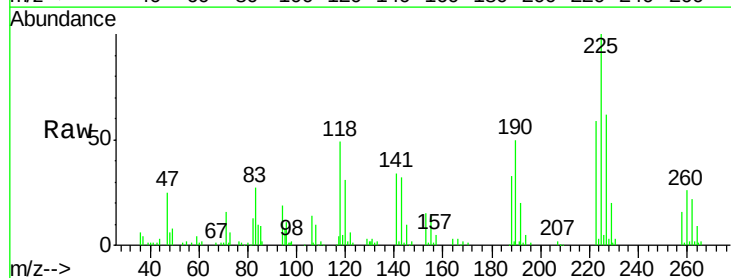
Manual Integrations
APPROVED

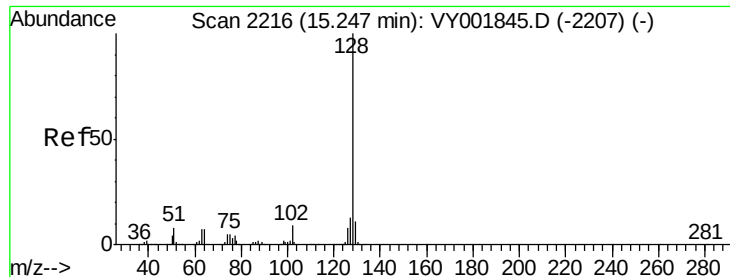
MMDadoda
3/19/2020 11:59:37 AM



#94
Hexachlorobutadiene
Concen: 22.263 ug/l
RT: 15.12 min Scan# 2195
Delta R.T. -0.01 min
Lab File: VY002007.D
Acq: 18 Mar 2020 12:33

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.0	31.5	94.5
227	61.1	31.9	95.5





#95

Naphthalene

Concen: 18.727 ug/l

RT: 15.24 min Scan# 2215

Delta R.T. -0.01 min

Lab File: VY002007.D

Acq: 18 Mar 2020 12:33

Instrument :

MSVOA_Y

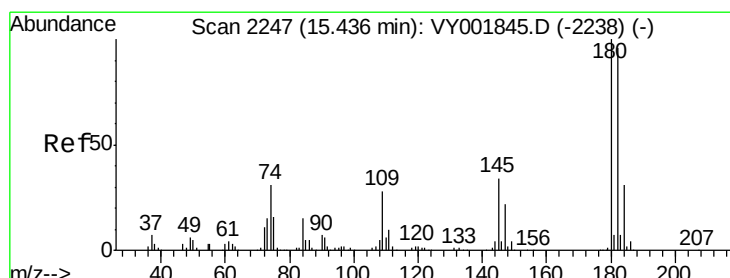
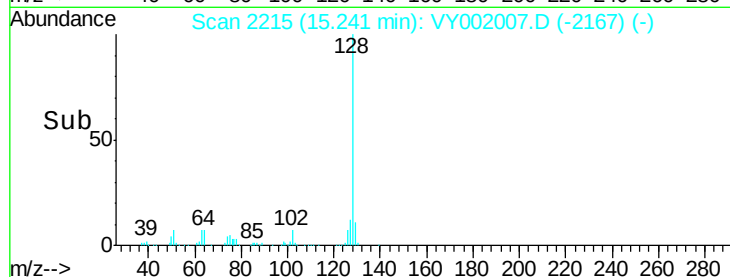
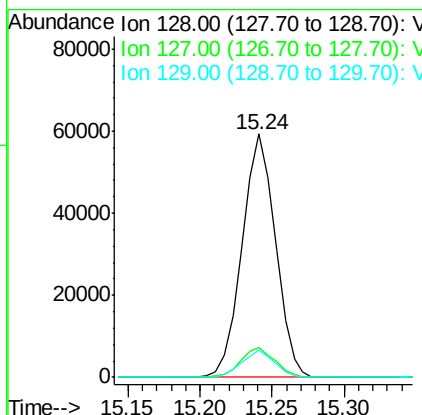
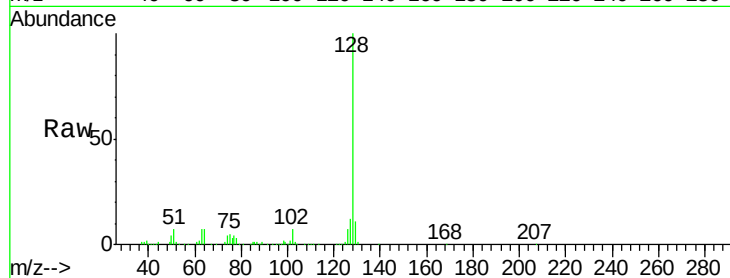
ClientSampleId :

VY0318SBS01

Tot Ion:	128	Resp:	95211
Ion Ratio	Lower	Upper	
128	100		
127	12.5	10.1	15.1
129	11.0	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
3/19/2020 11:59:37 AM



#96

1,2,3-Trichlorobenzene

Concen: 20.577 ug/l

RT: 15.43 min Scan# 2246

Delta R.T. -0.01 min

Lab File: VY002007.D

Acq: 18 Mar 2020 12:33

Tgt Ion:	180	Resp:	38854
Ion Ratio	Lower	Upper	
180	100		
182	93.6	47.6	142.9
145	34.3	16.8	50.3

