

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY031120\
 Data File : VY001936.D
 Acq On : 11 Mar 2020 12:36
 Operator : SY/MD
 Sample : VY0311SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0311SBS01

Manual Integrations
 APPROVED

MMDadoda
 3/12/2020 2:46:13 PM

Quant Time: Mar 12 02:08:34 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	165290	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	298499	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	270118	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	124111	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	87165	49.40	ug/l	-0.01
Spiked Amount			Recovery	=	98.80%	
35) Dibromofluoromethane	7.74	113	80849	49.60	ug/l	-0.01
Spiked Amount			Recovery	=	99.20%	
50) Toluene-d8	10.19	98	338356	49.23	ug/l	0.00
Spiked Amount			Recovery	=	98.46%	
62) 4-Bromofluorobenzene	12.49	95	116377	48.70	ug/l	0.00
Spiked Amount			Recovery	=	97.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	29698	19.465	ug/l	98
3) Chloromethane	2.12	50	41046	19.954	ug/l	100
4) Vinyl Chloride	2.26	62	42163	20.151	ug/l	97
5) Bromomethane	2.65	94	28482	19.767	ug/l	93
6) Chloroethane	2.80	64	26933	20.491	ug/l	99
7) Trichlorofluoromethane	3.13	101	56865	20.039	ug/l	94
8) Diethyl Ether	3.54	74	23620	21.119	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.91	101	37337	20.457	ug/l	99
10) Methyl Iodide	4.10	142	38470	18.226	ug/l	98
11) Tert butyl alcohol	4.97	59	27827	141.762	ug/l #	94
12) 1,1-Dichloroethene	3.88	96	36922	20.091	ug/l	93
13) Acrolein	3.75	56	22734	91.682	ug/l	95
14) Allyl chloride	4.50	41	66175	20.312	ug/l	99
15) Acrylonitrile	5.18	53	61986	103.718	ug/l	99
16) Acetone	3.97	43	51504	100.212	ug/l	98
17) Carbon Disulfide	4.21	76	117942	19.091	ug/l	96
18) Methyl Acetate	4.49	43	27541	20.856	ug/l	97
19) Methyl tert-butyl Ether	5.24	73	104314	20.946	ug/l	96
20) Methylene Chloride	4.74	84	48203	21.884	ug/l	96
21) trans-1,2-Dichloroethene	5.24	96	43371	20.793	ug/l	98
22) Diisopropyl ether	6.14	45	138772	20.780	ug/l	97
23) Vinyl Acetate	6.08	43	452781	103.422	ug/l	99
24) 1,1-Dichloroethane	6.04	63	72804	20.131	ug/l	98
25) 2-Butanone	7.01	43	80856	103.452	ug/l	98
26) 2,2-Dichloropropane	7.00	77	61829	20.830	ug/l	97
27) cis-1,2-Dichloroethene	7.00	96	46319	20.414	ug/l	97
28) Bromochloromethane	7.35	49	34449	21.133	ug/l	98
29) Tetrahydrofuran	7.36	42	53104	102.316	ug/l	99
30) Chloroform	7.52	83	68365	20.121	ug/l	98
31) Cyclohexane	7.80	56	76883	19.827	ug/l	96
32) 1,1,1-Trichloroethane	7.72	97	57585	20.108	ug/l	99
36) 1,1-Dichloropropene	7.93	75	57478	20.010	ug/l	98
37) Ethyl Acetate	7.09	43	37563	22.500	ug/l	99
38) Carbon Tetrachloride	7.91	117	49379	20.123	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	76264	20.018	ug/l	95
40) Benzene	8.17	78	175579	20.622	ug/l	99
41) Methacrylonitrile	7.33	41	18461m	24.571	ug/l	
42) 1,2-Dichloroethane	8.25	62	45869	20.907	ug/l	99
43) Isopropyl Acetate	8.28	43	66370	20.998	ug/l	98
44) Trichloroethene	8.95	130	42096	20.302	ug/l	96
45) 1,2-Dichloropropane	9.23	63	44669	20.871	ug/l	96
46) Dibromomethane	9.31	93	23388	21.205	ug/l	96
47) Bromodichloromethane	9.51	83	52147	20.325	ug/l	91
48) Methyl methacrylate	9.30	41	30085	21.450	ug/l	99
49) 1,4-Dioxane	9.31	88	5809	384.374	ug/l	99
51) 4-Methyl-2-Pentanone	10.08	43	174784	107.359	ug/l	99
52) Toluene	10.25	92	106798	20.649	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	58228	20.831	ug/l	97
54) cis-1,3-Dichloropropene	9.94	75	67819	20.381	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	33342	20.656	ug/l	99
56) Ethyl methacrylate	10.52	69	48417	20.464	ug/l	96
57) 1,3-Dichloropropane	10.80	76	59561	20.701	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.79	63	128157	140.928	ug/l	100
59) 2-Hexanone	10.84	43	120487	103.688	ug/l	99
60) Dibromochloromethane	10.99	129	35118	20.647	ug/l	100
61) 1,2-Dibromoethane	11.10	107	31053	20.310	ug/l	100
64) Tetrachloroethene	10.73	164	34288	20.241	ug/l	97
65) Chlorobenzene	11.52	112	108587	20.175	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.59	131	35765	20.263	ug/l	98
67) Ethyl Benzene	11.60	91	202017	20.126	ug/l	99
68) m/p-Xylenes	11.71	106	151740	40.888	ug/l	98
69) o-Xylene	12.03	106	70220	20.076	ug/l	100
70) Styrene	12.05	104	122739	20.488	ug/l	99
71) Bromoform	12.21	173	19591	20.467	ug/l #	98
73) Isopropylbenzene	12.34	105	190774	20.136	ug/l	100
74) N-amyl acetate	12.15	43	59107	20.299	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	41052	20.093	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	30514m	20.720	ug/l	
77) Bromobenzene	12.61	156	41716	20.782	ug/l	95
78) n-propylbenzene	12.68	91	236105	20.200	ug/l	100
79) 2-Chlorotoluene	12.77	91	129247	20.014	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	157335	20.172	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	14440	19.806	ug/l	97
82) 4-Chlorotoluene	12.86	91	137143	20.397	ug/l	100
83) tert-Butylbenzene	13.08	119	131609	20.316	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	159281	20.578	ug/l	99
85) sec-Butylbenzene	13.26	105	194913	20.412	ug/l	100
86) p-Isopropyltoluene	13.38	119	169800	20.614	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	81403	20.695	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	80835	20.257	ug/l	98
89) n-Butylbenzene	13.70	91	174043	20.366	ug/l	99
90) Hexachloroethane	13.97	117	30969	19.929	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	73916	20.684	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	6153	19.300	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	47605	20.542	ug/l	98
94) Hexachlorobutadiene	15.12	225	23085	20.432	ug/l	98
95) Naphthalene	15.25	128	108728	19.780	ug/l	99
96) 1,2,3-Trichlorobenzene	15.43	180	42554	20.844	ug/l	97

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

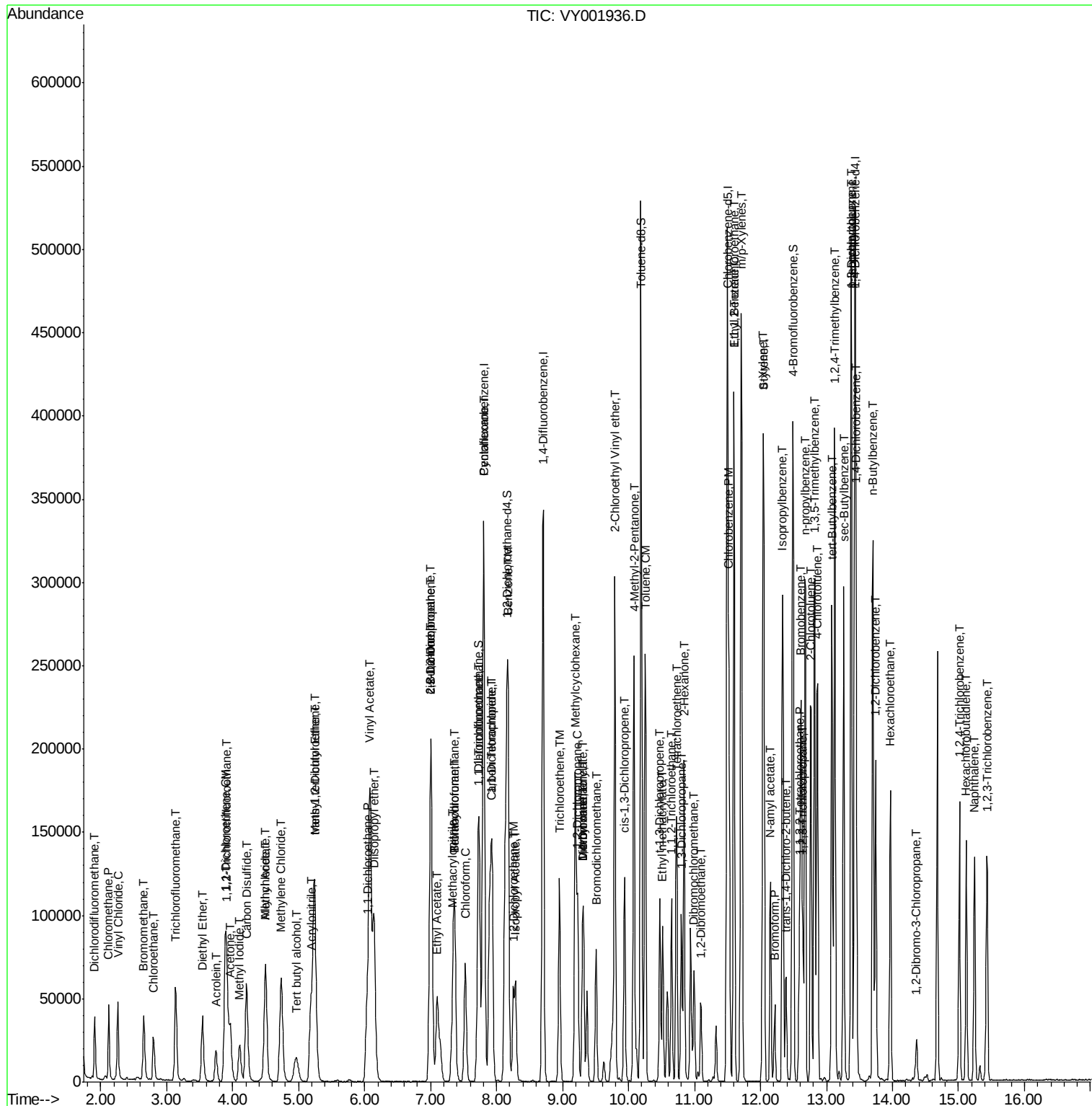
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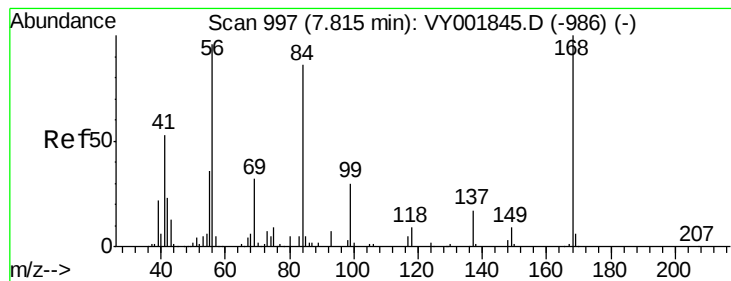
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0311SBS01

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY001936.D

Acq: 11 Mar 2020 12:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0311SBS01

Tot Ion:168 Resp: 165290

Ion Ratio Lower Upper

168 100

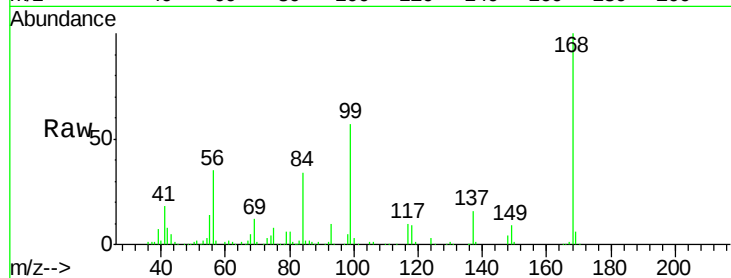
99 56.6 46.7 70.1

Manual Integrations

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3/12/2020 2:46:13 PM



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

80000

60000

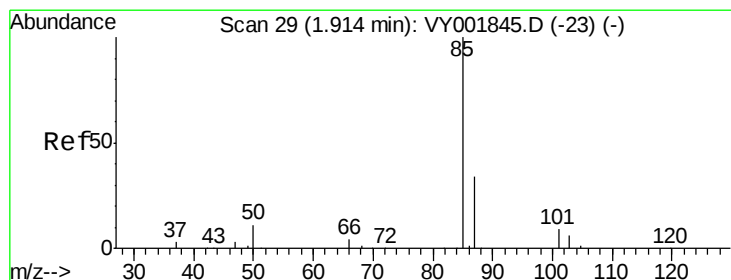
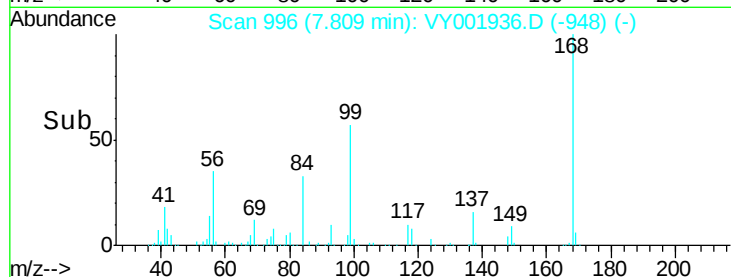
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 19.465 ug/l

RT: 1.91 min Scan# 28

Delta R.T. -0.01 min

Lab File: VY001936.D

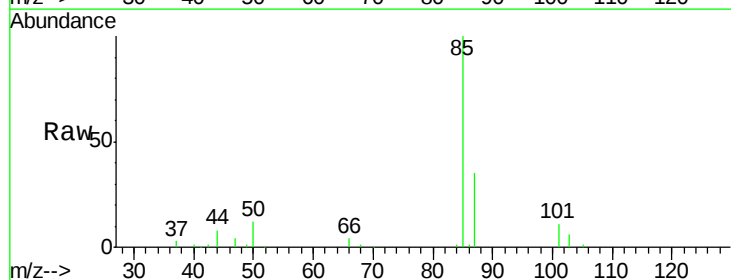
Acq: 11 Mar 2020 12:36

Tgt Ion: 85 Resp: 29698

Ion Ratio Lower Upper

85 100

87 34.8 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

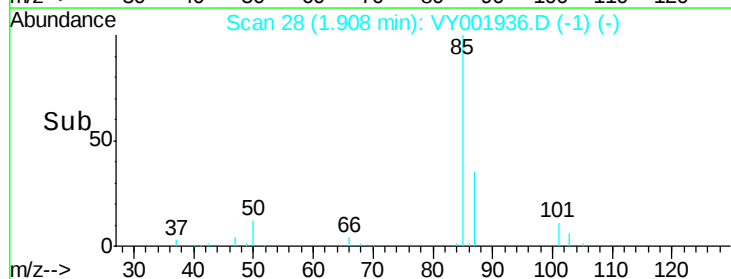
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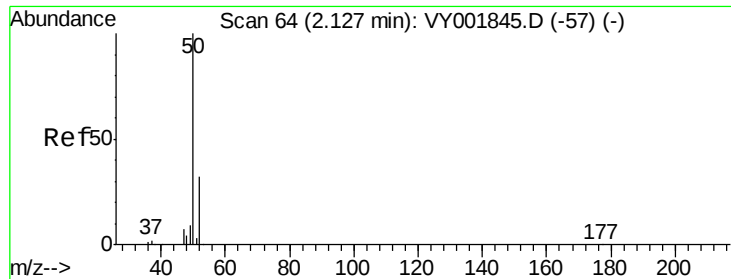
5000

0

1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 19.954 ug/l

RT: 2.12 min Scan# 63

Delta R.T. -0.01 min

Lab File: VY001936.D

Acq: 11 Mar 2020 12:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0311SBS01

Tot Ion: 50 Resp: 41046

Ion Ratio Lower Upper

50 100

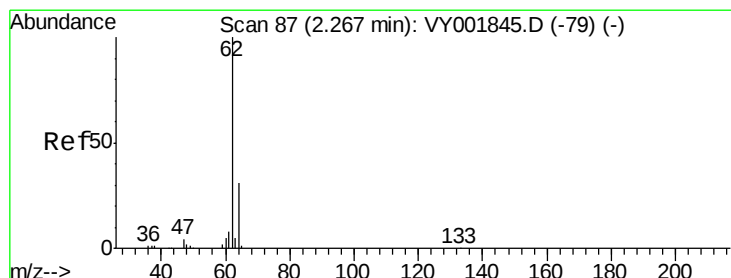
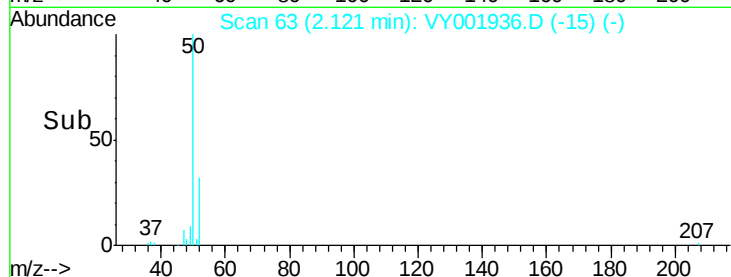
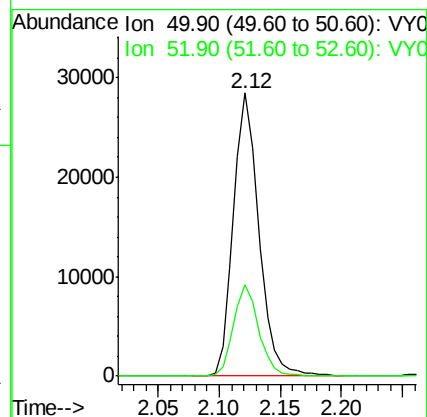
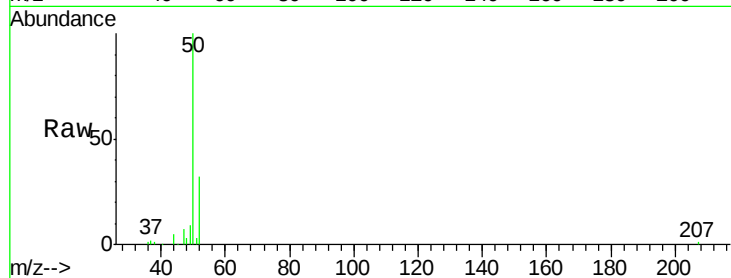
52 32.3 25.8 38.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.151 ug/l

RT: 2.26 min Scan# 86

Delta R.T. -0.01 min

Lab File: VY001936.D

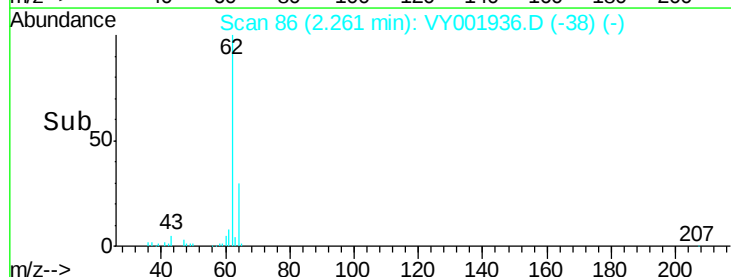
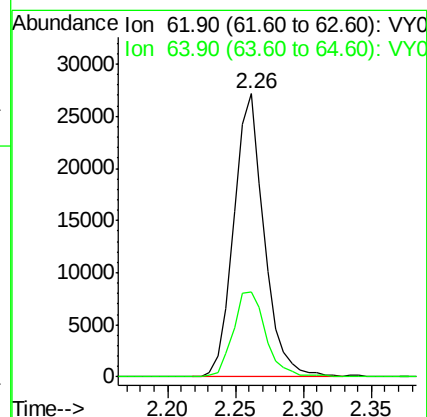
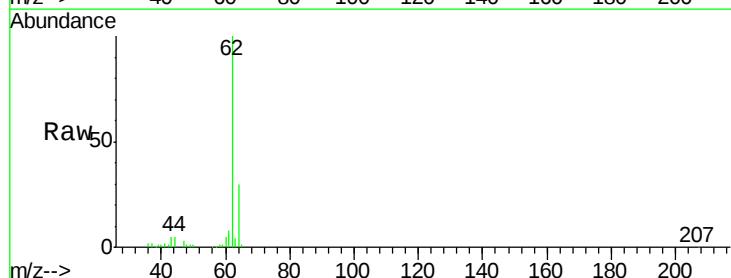
Acq: 11 Mar 2020 12:36

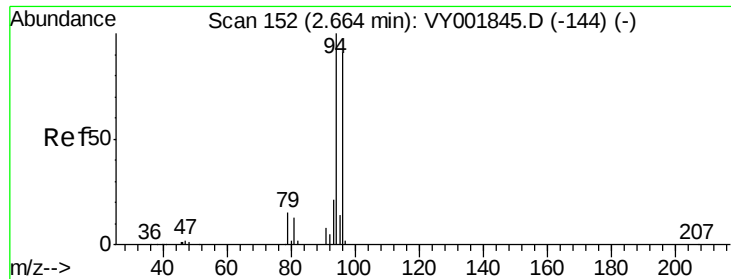
Tgt Ion: 62 Resp: 42163

Ion Ratio Lower Upper

62 100

64 29.9 25.1 37.7





#5

Bromomethane

Concen: 19.767 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.01 min

Lab File: VY001936.D

Acq: 11 Mar 2020 12:36

Instrument :

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ClientSampleId :

VY0311SBS01

Tot Ion: 94 Resp: 28482

Ion Ratio Lower Upper

94 100

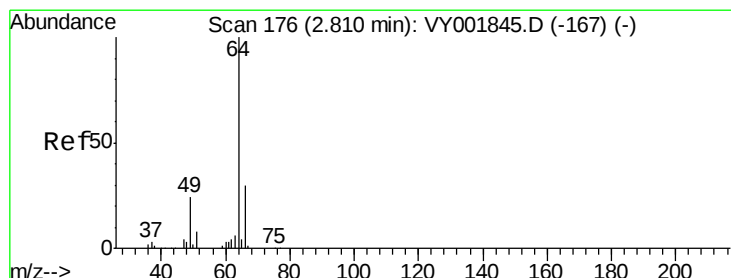
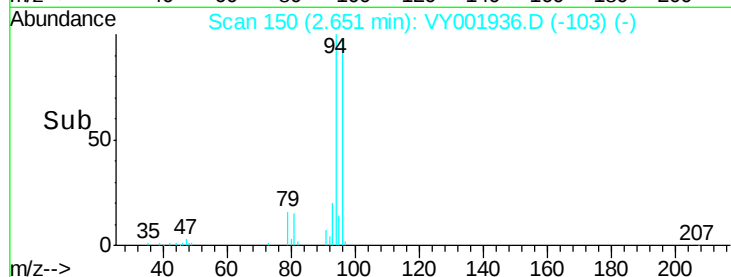
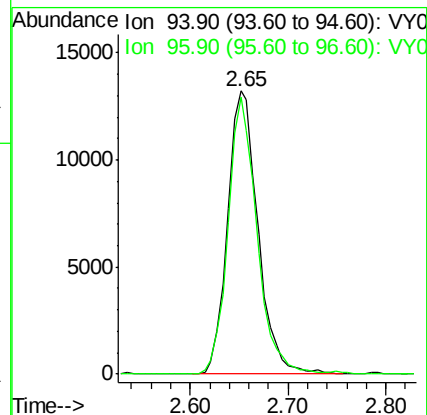
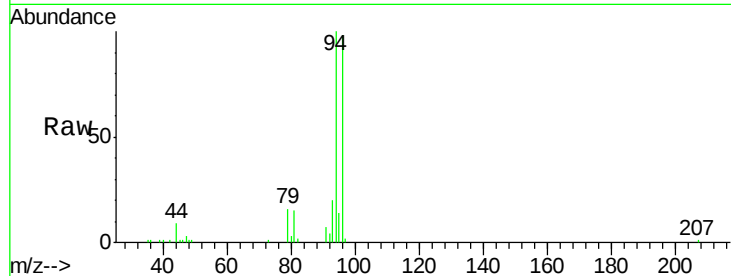
96 98.0 73.2 109.8

Manual Integrations

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#6

Chloroethane

Concen: 20.491 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.01 min

Lab File: VY001936.D

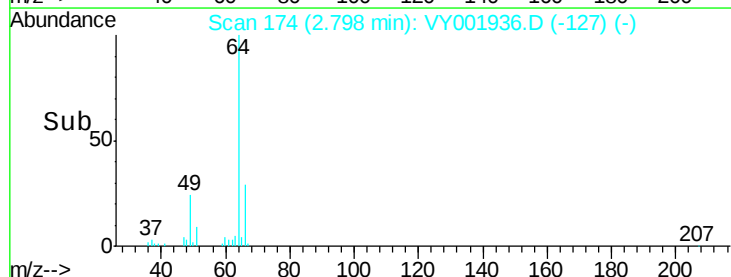
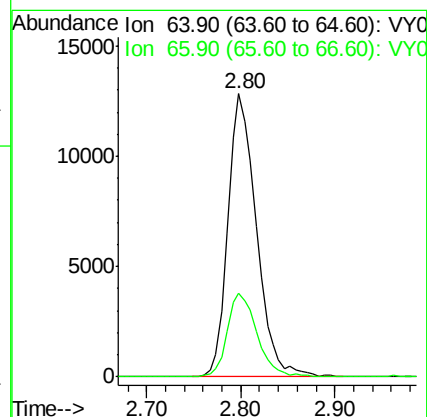
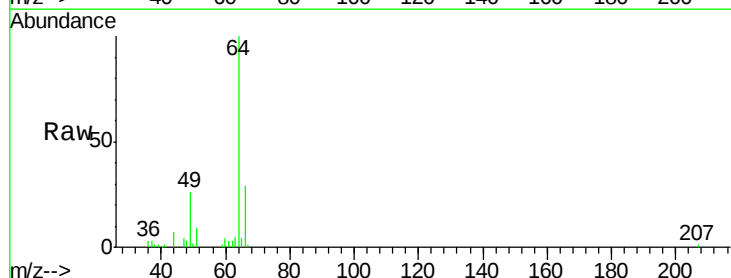
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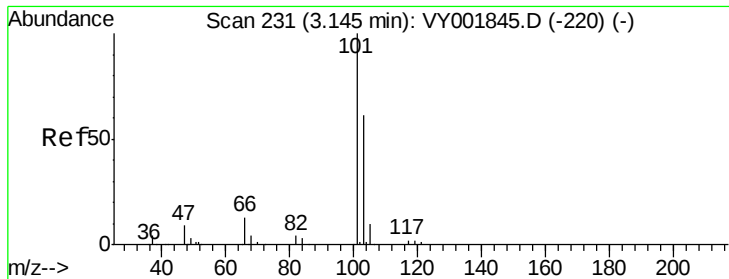
Tgt Ion: 64 Resp: 26933

Ion Ratio Lower Upper

64 100

66 29.4 23.8 35.8





#7

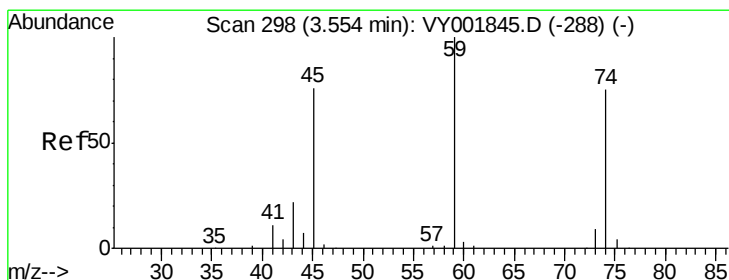
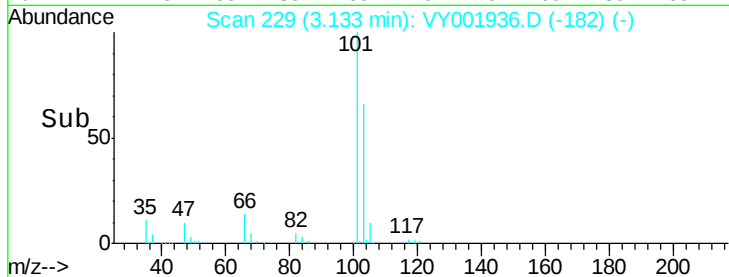
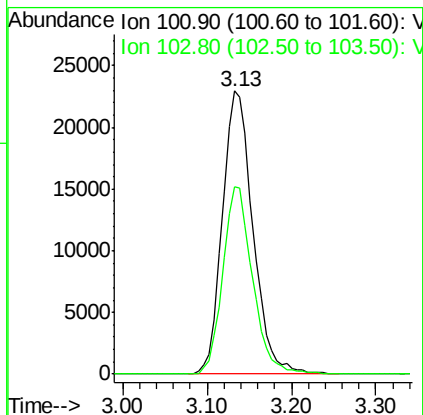
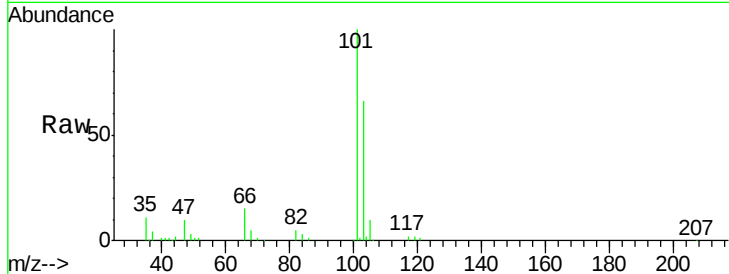
Trichlorofluoromethane
Concen: 20.039 ug/l
RT: 3.13 min Scan# 229
Delta R.T. -0.01 min
Lab File: VY001936.D
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	56865		
103	66.2	49.1	73.7	

Manual Integrations
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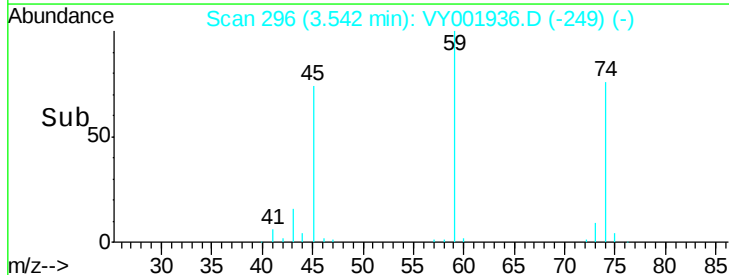
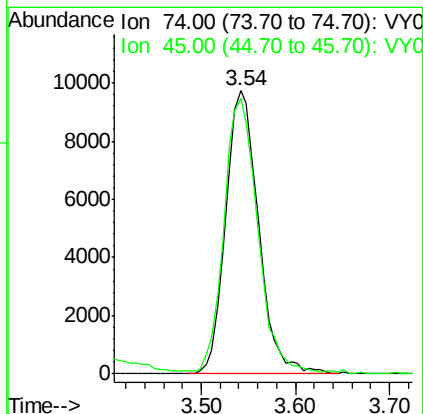
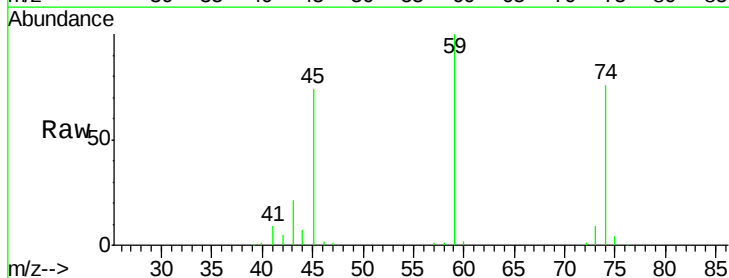
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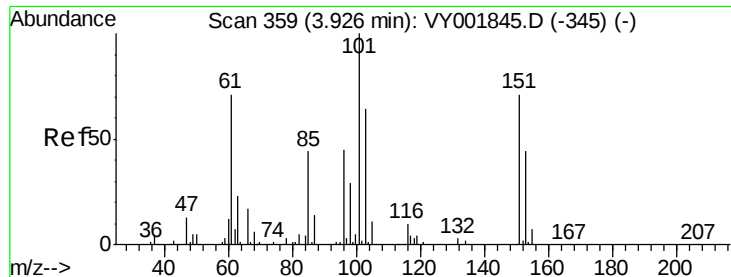


#8

Diethyl Ether
Concen: 21.119 ug/l
RT: 3.54 min Scan# 296
Delta R.T. -0.01 min
Lab File: VY001936.D
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Tgt Ion	Ratio	Resp	Lower	Upper
74	100	23620		
45	98.4	50.5	151.5	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.457 ug/l

RT: 3.91 min Scan# 357

Delta R.T. -0.01 min

Lab File: VY001936.D

Acq: 11 Mar 2020 12:36

Instrument :

MSVOA_Y

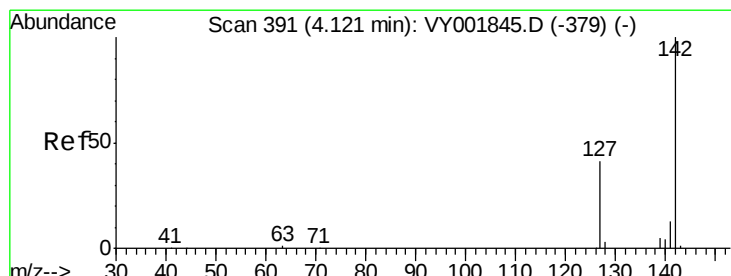
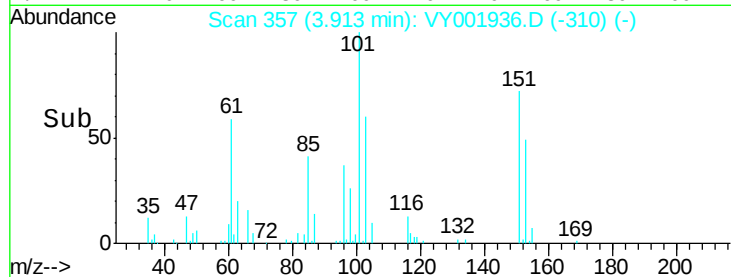
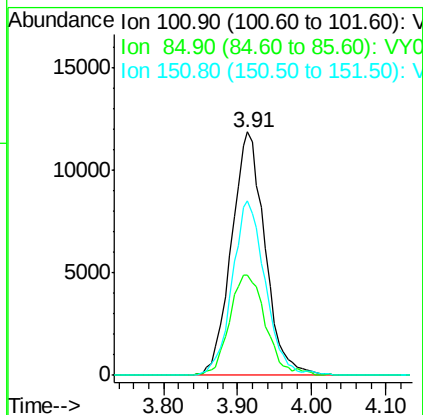
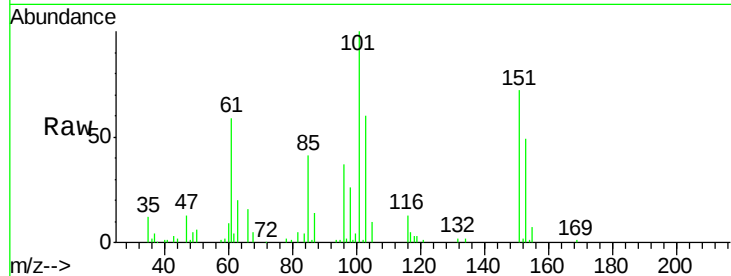
ClientSampleId :

VY0311SBS01

Tot Ion:	101	Resp:	37337
Ion Ratio	Lower	Upper	
101	100		
85	44.3	35.3	52.9
151	70.2	57.0	85.4

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#10

Methyl Iodide

Concen: 18.226 ug/l

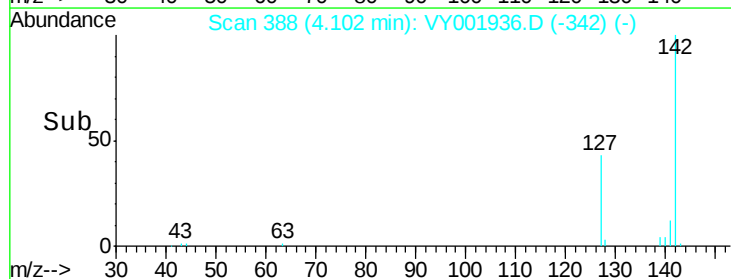
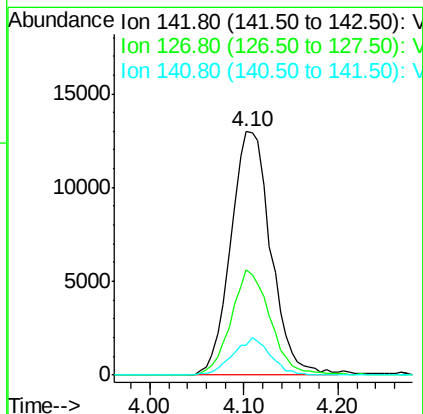
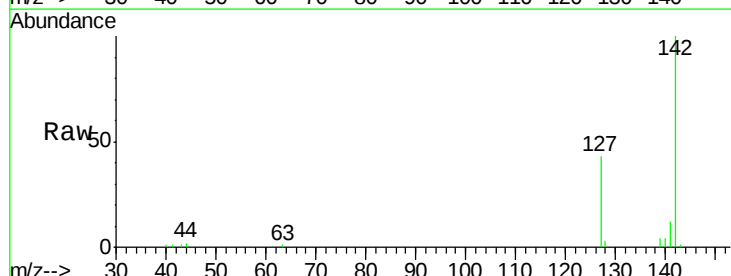
RT: 4.10 min Scan# 388

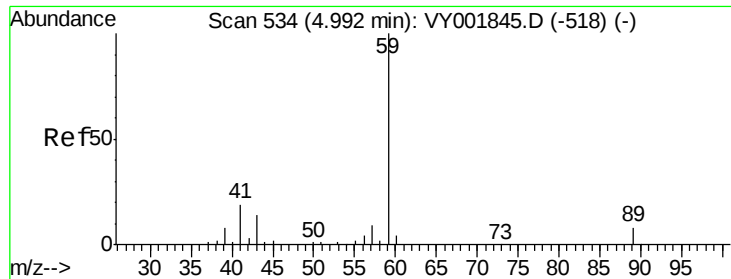
Delta R.T. -0.02 min

Lab File: VY001936.D

Acq: 11 Mar 2020 12:36

Tgt Ion:	142	Resp:	38470
Ion Ratio	Lower	Upper	
142	100		
127	42.1	32.7	49.1
141	14.2	11.0	16.6





#11

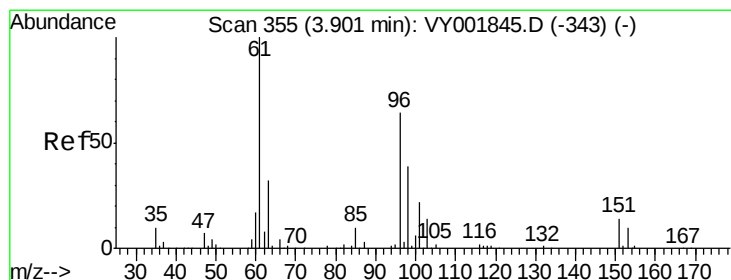
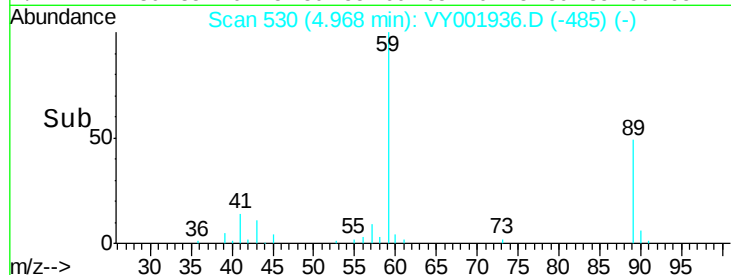
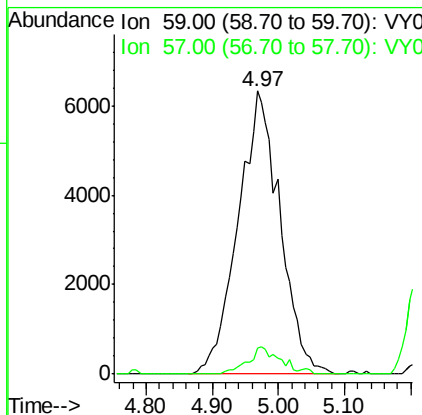
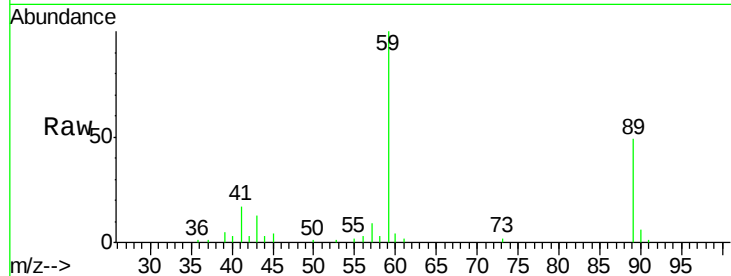
Tert butyl alcohol
 Concen: 141.762 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. -0.02 min
 Lab File: VY001936.D
 Acq: 11 Mar 2020 12:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0311SBS01

Tot Ion: 59 Resp: 27827
 Ion Ratio Lower Upper
 59 100
 57 7.1 7.4 11.2#

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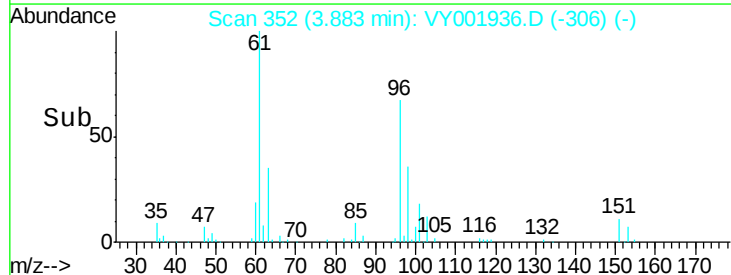
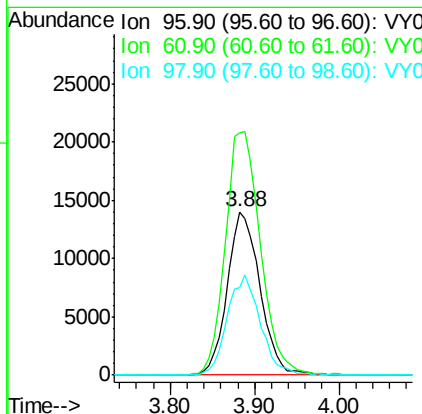
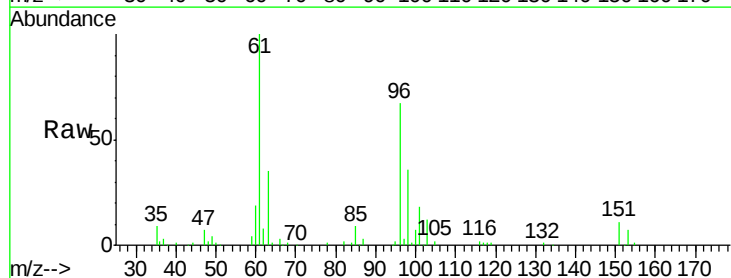
MMDadoda
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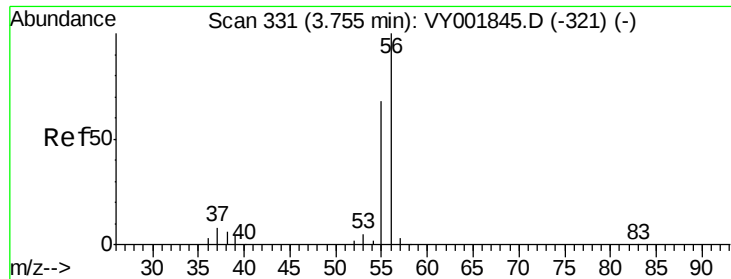


#12

1,1-Dichloroethene
 Concen: 20.091 ug/l
 RT: 3.88 min Scan# 352
 Delta R.T. -0.02 min
 Lab File: VY001936.D
 Acq: 11 Mar 2020 12:36

Tgt Ion: 96 Resp: 36922
 Ion Ratio Lower Upper
 96 100
 61 148.1 124.8 187.2
 98 53.6 49.2 73.8





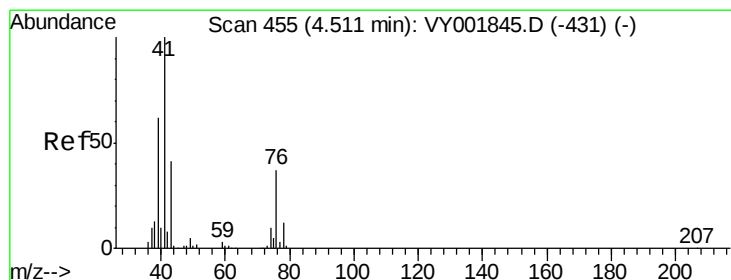
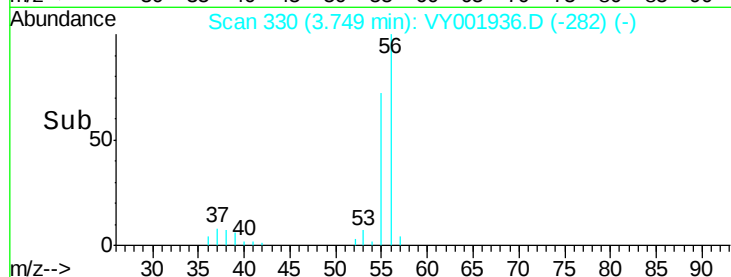
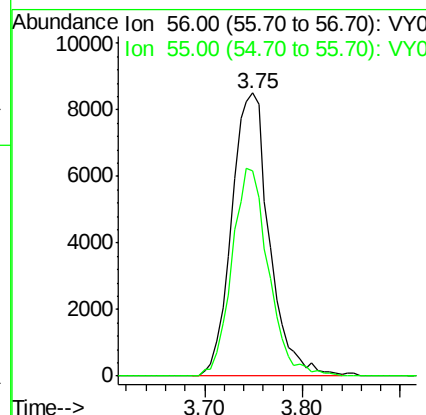
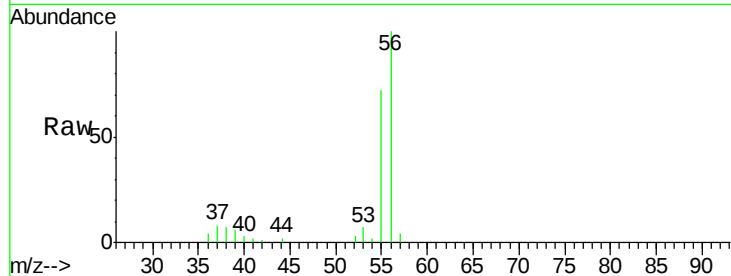
#13
Acrolein
Concen: 91.682 ug/l
RT: 3.75 min Scan# 330
Delta R.T. -0.01 min
Lab File: VY001936.D
Acq: 11 Mar 2020 12:36

Instrument :
MSVOA_Y
ClientSampleId :
VY0311SBS01

Tot Ion	56	55	Ratio	Lower	Upper
22734	100	71.4		54.0	81.0

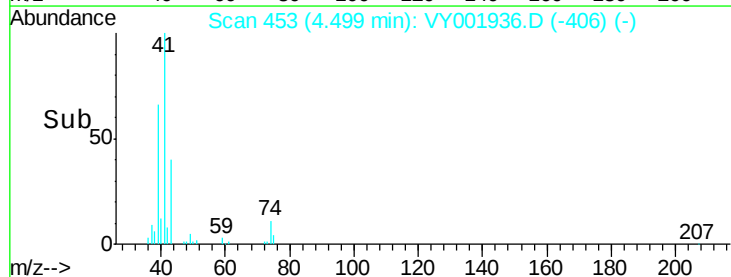
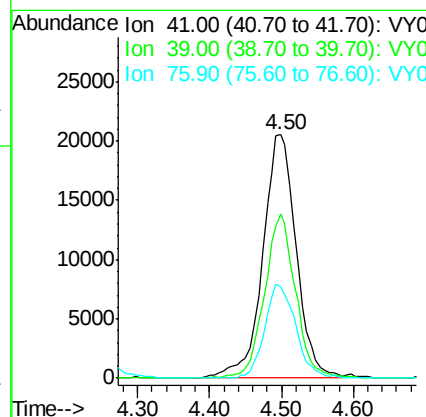
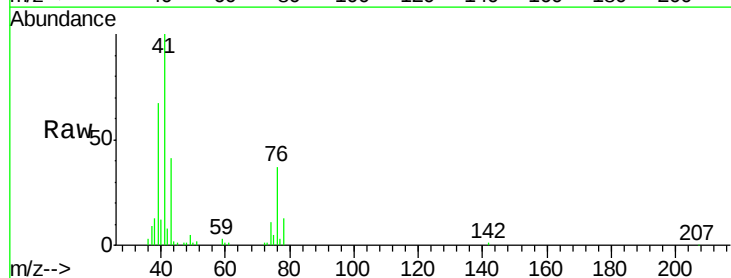
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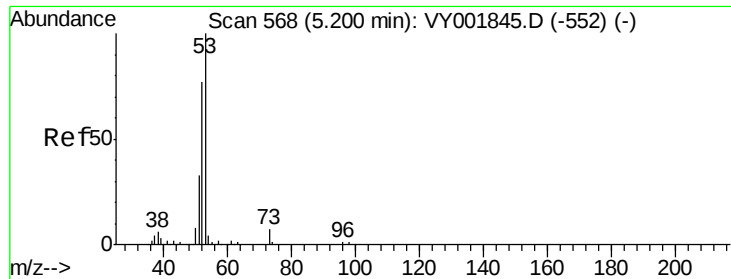
MMDadoda
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#14
Allyl chloride
Concen: 20.312 ug/l
RT: 4.50 min Scan# 453
Delta R.T. -0.01 min
Lab File: VY001936.D
Acq: 11 Mar 2020 12:36

Tgt Ion	41	39	76	Ratio	Lower	Upper
66175	100	62.2	35.6		49.0	73.6





#15

Acrylonitrile

Concen: 103.718 ug/l

RT: 5.18 min Scan# 565

Delta R.T. -0.02 min

Lab File: VY001936.D

Acq: 11 Mar 2020 12:36

Instrument :

MSVOA_Y

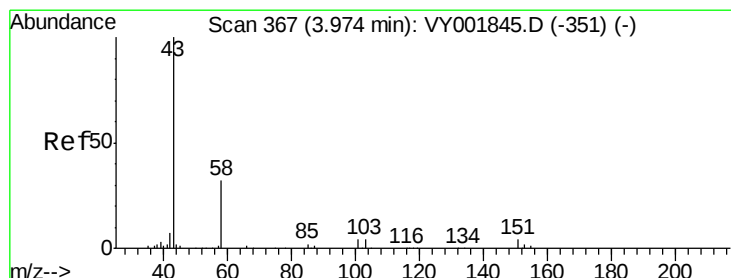
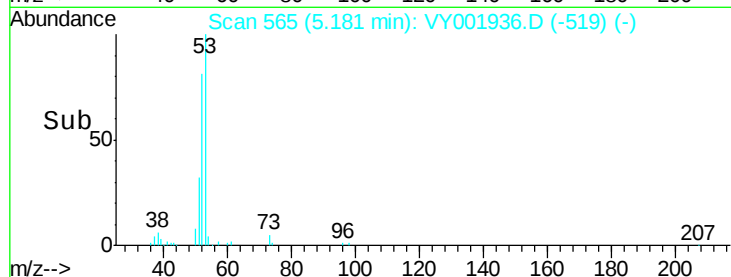
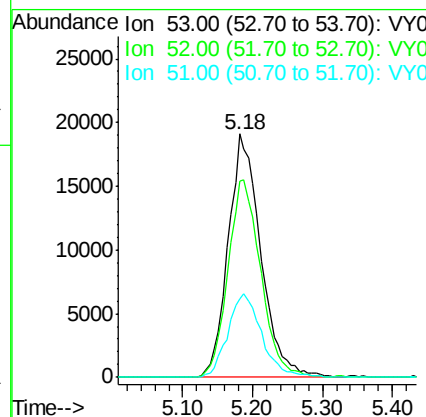
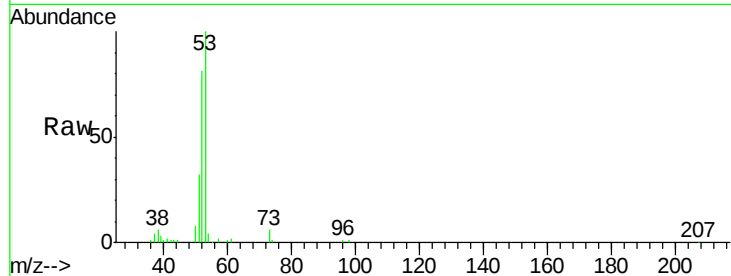
ClientSampleId :

VY0311SBS01

Tot Ion:	53	Resp:	61986
Ion	Ratio	Lower	Upper
53	100		
52	81.4	65.1	97.7
51	35.7	27.5	41.3

Manual Integrations
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#16

Acetone

Concen: 100.212 ug/l

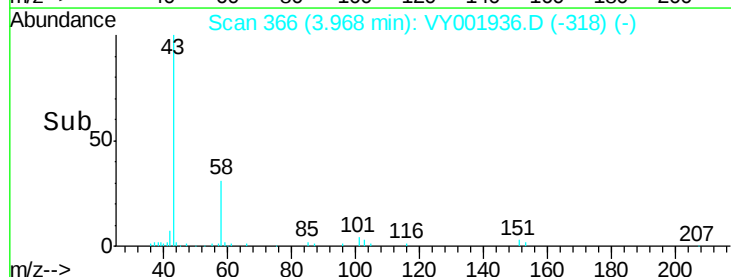
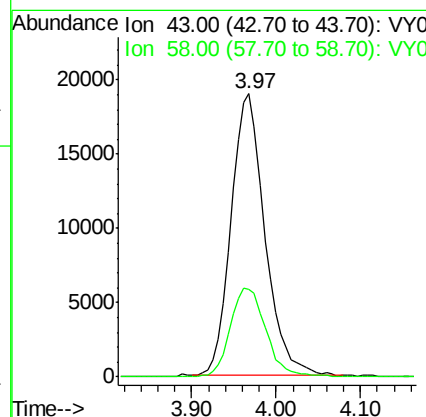
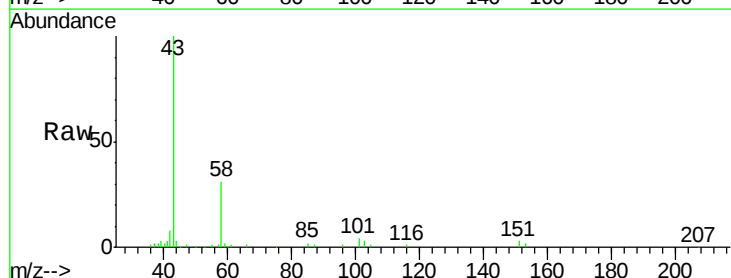
RT: 3.97 min Scan# 366

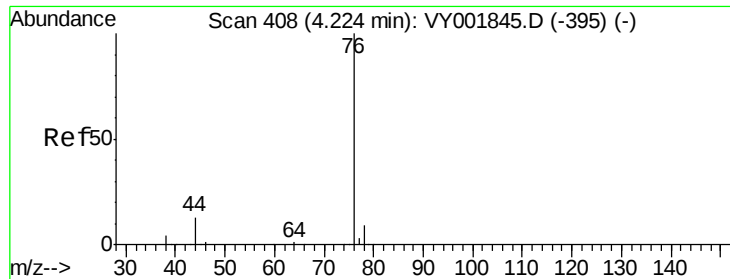
Delta R.T. -0.01 min

Lab File: VY001936.D

Acq: 11 Mar 2020 12:36

Tgt Ion:	43	Resp:	51504
Ion	Ratio	Lower	Upper
43	100		
58	31.3	25.9	38.9





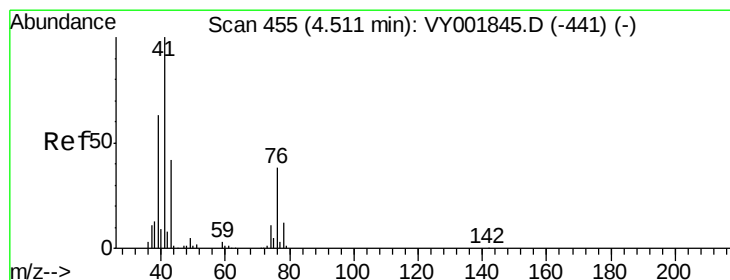
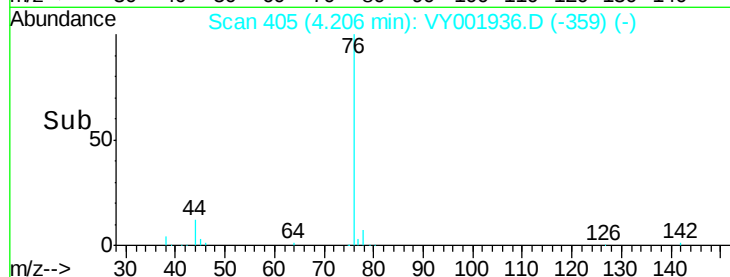
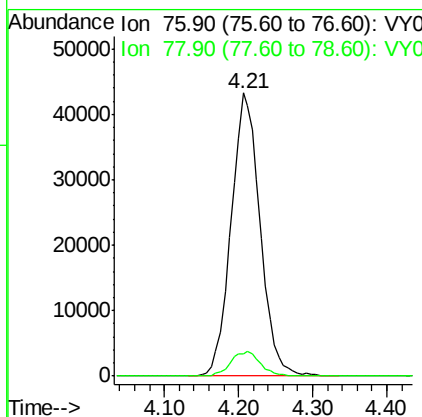
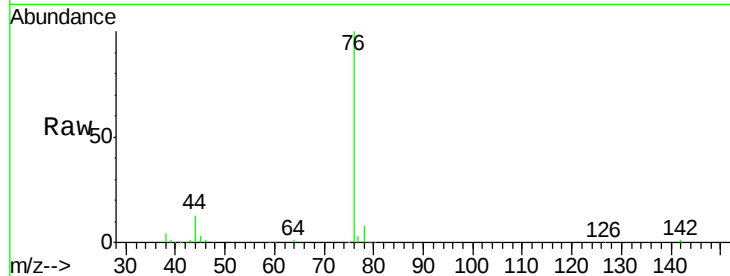
#17
Carbon Disulfide
Concen: 19.091 ug/l
RT: 4.21 min Scan# 405
Delta R.T. -0.02 min
Lab File: VY001936.D
Acq: 11 Mar 2020 12:36

Instrument :
MSVOA_Y
ClientSampleId :
VY0311SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.0	7.4	11.2

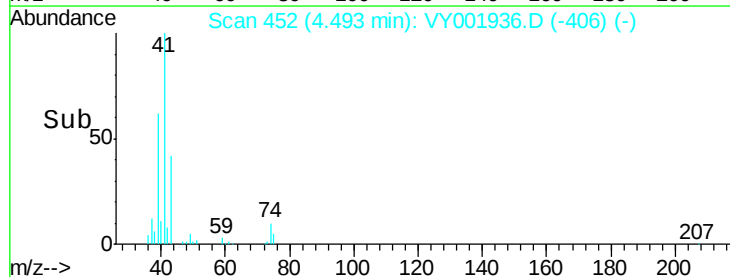
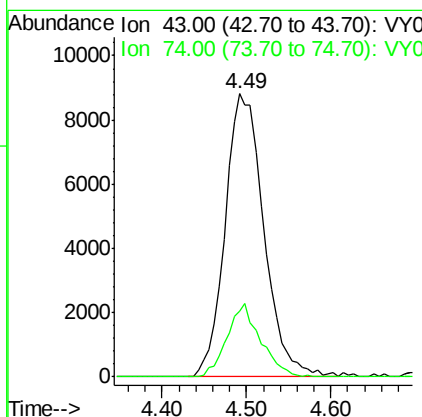
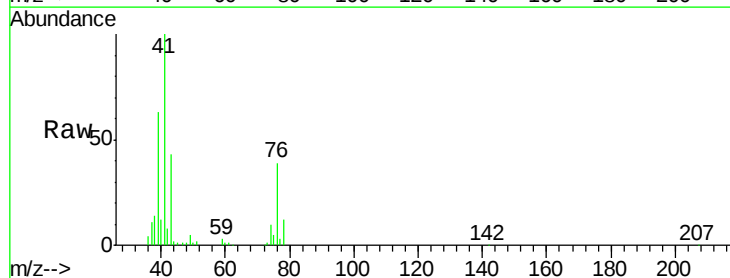
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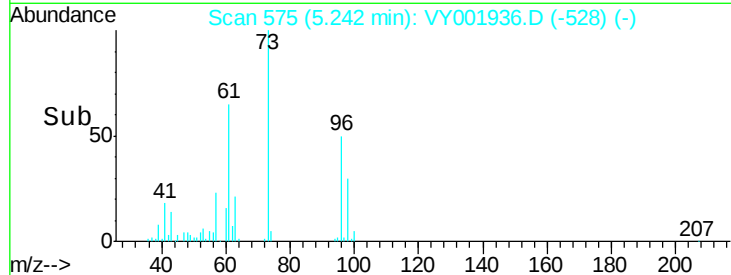
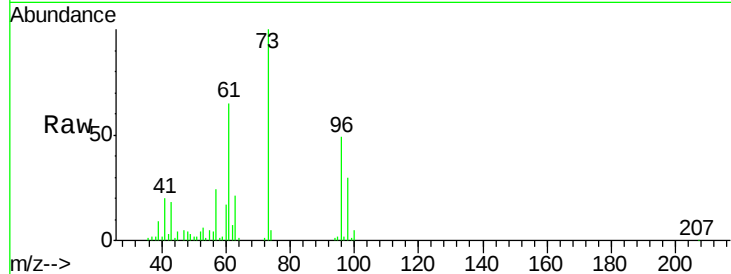
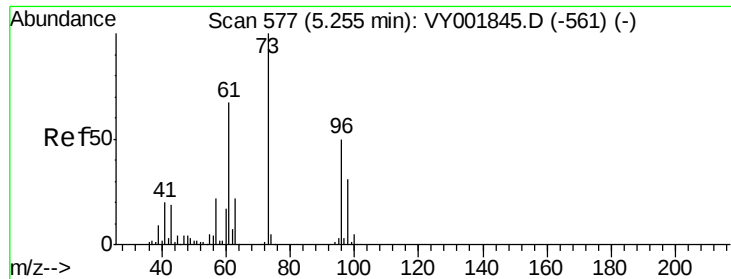
MMDadoda
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#18
Methyl Acetate
Concen: 20.856 ug/l
RT: 4.49 min Scan# 452
Delta R.T. -0.02 min
Lab File: VY001936.D
Acq: 11 Mar 2020 12:36

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.4	19.0	28.6





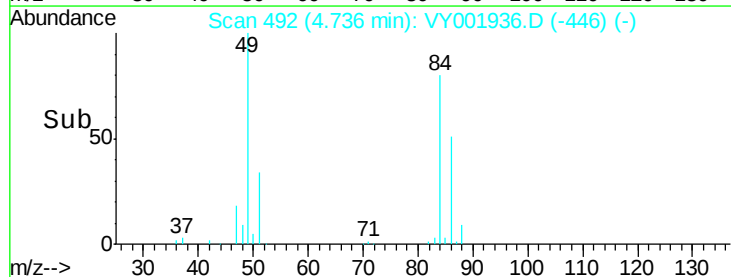
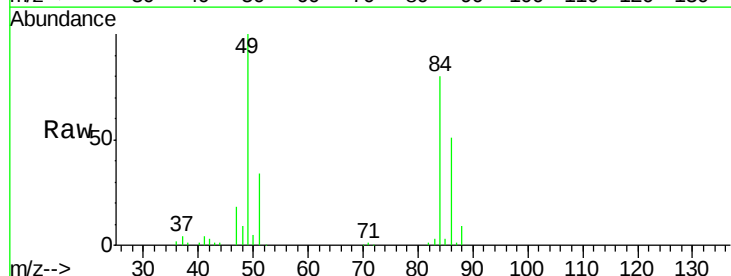
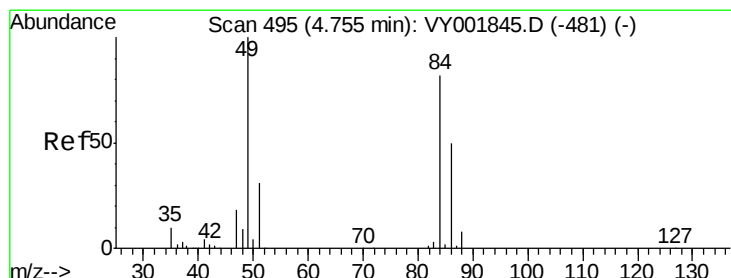
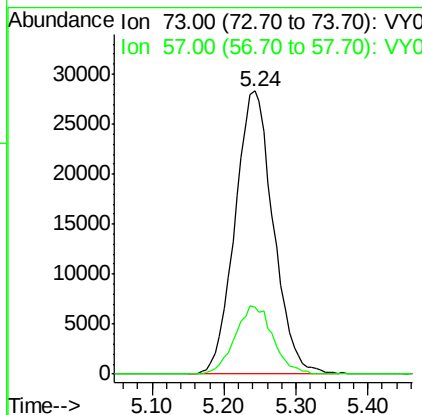
#19
Methyl tert-butyl Ether
Concen: 20.946 ug/l
RT: 5.24 min Scan# 575
Delta R.T. -0.01 min
Lab File: VY001936.D
Acq: 11 Mar 2020 12:36

Tot Ion: 73 Resp: 104314
Ion Ratio Lower Upper
73 100
57 23.5 17.4 26.2

Instrument :
MSVOA_Y
ClientSampleId :
VY0311SBS01

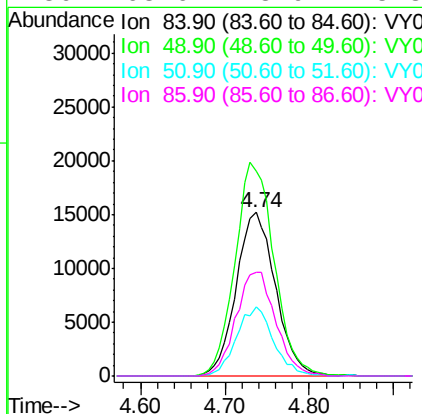
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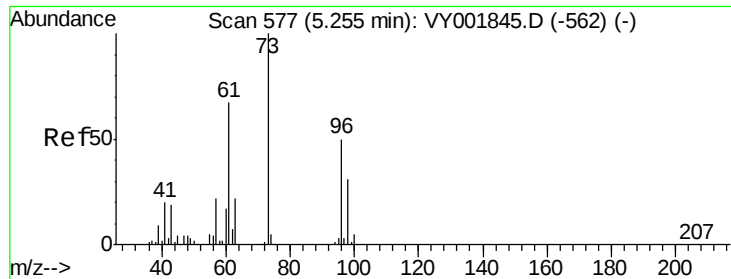
MMDadoda
3/12/2020 2:46:13 PM



#20
Methylene Chloride
Concen: 21.884 ug/l
RT: 4.74 min Scan# 492
Delta R.T. -0.02 min
Lab File: VY001936.D
Acq: 11 Mar 2020 12:36

Tgt Ion: 84 Resp: 48203
Ion Ratio Lower Upper
84 100
49 125.6 98.2 147.2
51 42.2 30.2 45.2
86 63.6 48.9 73.3





#21

trans-1,2-Dichloroethene

Concen: 20.793 ug/l

RT: 5.24 min Scan# 575

Delta R.T. -0.01 min

Lab File: VY001936.D

Acq: 11 Mar 2020 12:36

Instrument :

MSVOA_Y

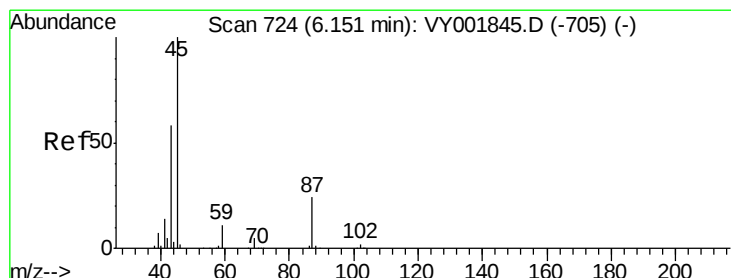
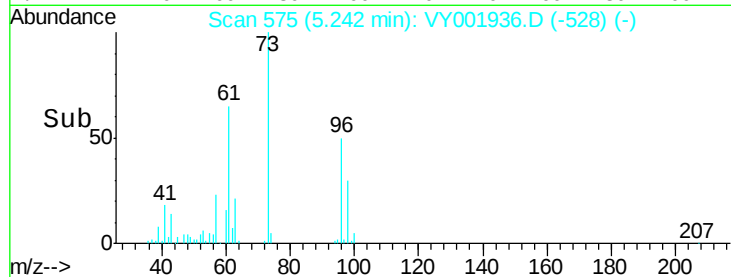
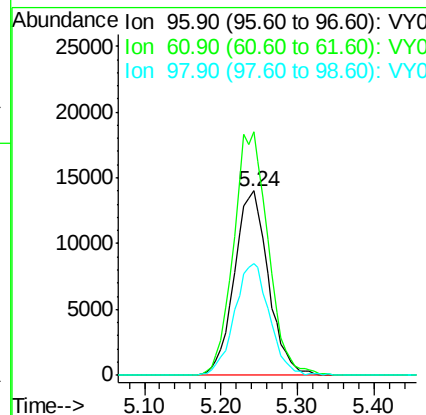
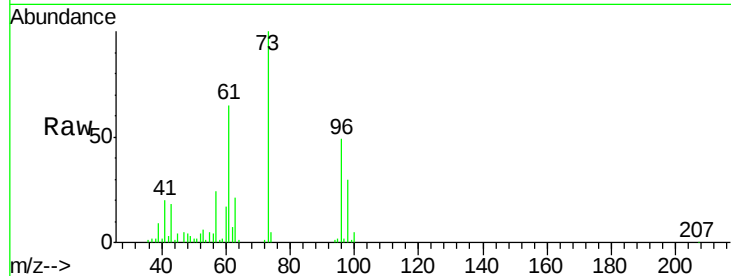
ClientSampleId :

VY0311SBS01

Tot Ion:	96	Resp:	43371
Ion	Ratio	Lower	Upper
96	100		
61	132.2	107.7	161.5
98	60.8	49.3	73.9

Manual Integrations
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#22

Diisopropyl ether

Concen: 20.780 ug/l

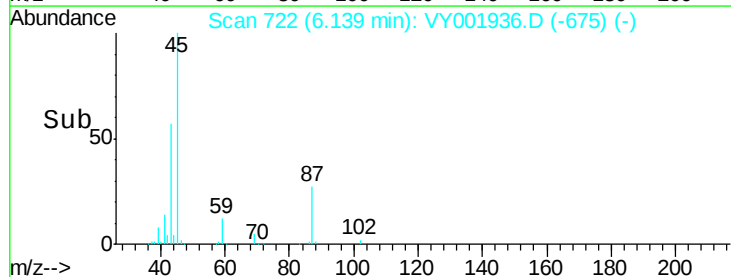
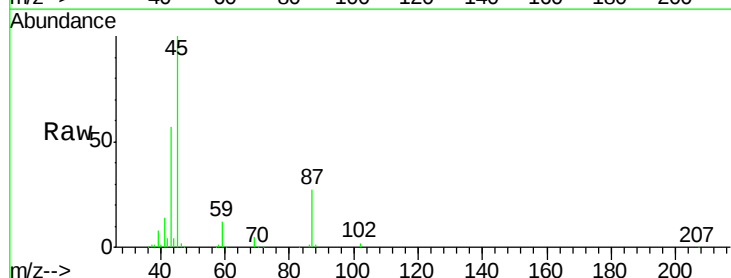
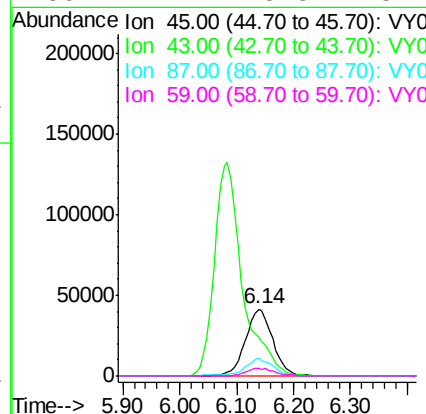
RT: 6.14 min Scan# 722

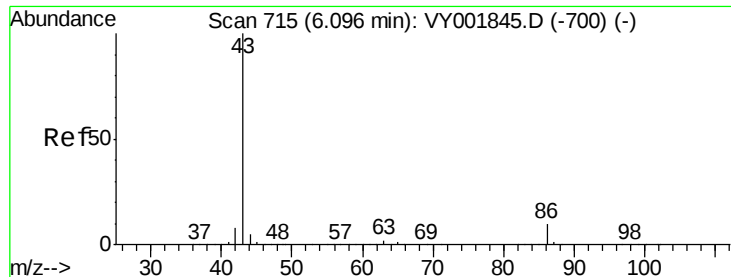
Delta R.T. -0.01 min

Lab File: VY001936.D

Acq: 11 Mar 2020 12:36

Tgt Ion:	45	Resp:	138772
Ion	Ratio	Lower	Upper
45	100		
43	56.6	47.2	70.8
87	26.7	19.8	29.8
59	12.1	8.8	13.2





#23

Vinyl Acetate

Concen: 103.422 ug/l

RT: 6.08 min Scan# 713

Delta R.T. -0.01 min

Lab File: VY001936.D

Acq: 11 Mar 2020 12:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0311SBS01

Tot Ion: 43 Resp: 452781

Ion Ratio Lower Upper

43 100

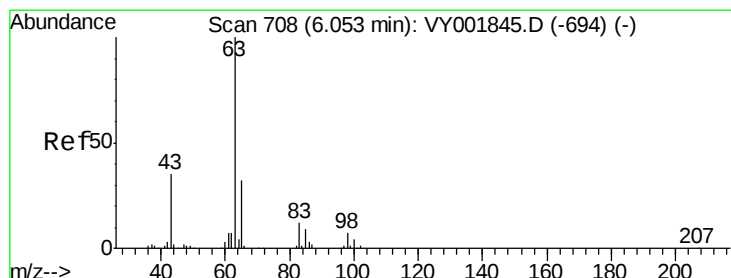
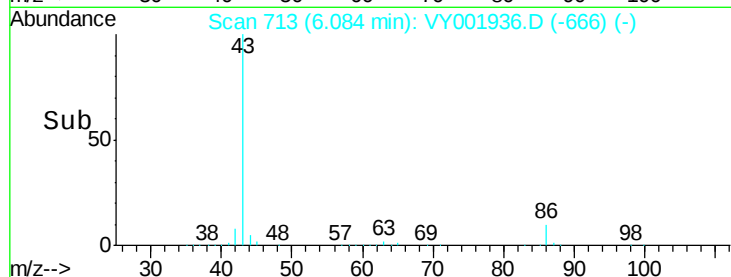
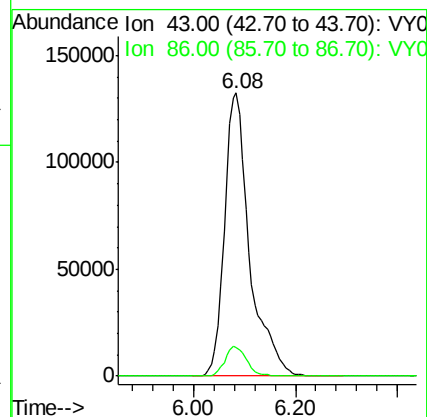
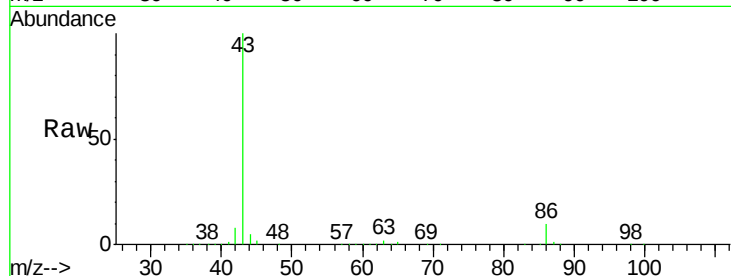
86 10.2 7.8 11.8

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 20.131 ug/l

RT: 6.04 min Scan# 706

Delta R.T. -0.01 min

Lab File: VY001936.D

Acq: 11 Mar 2020 12:36

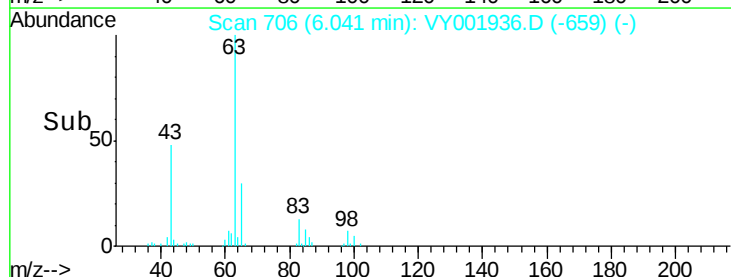
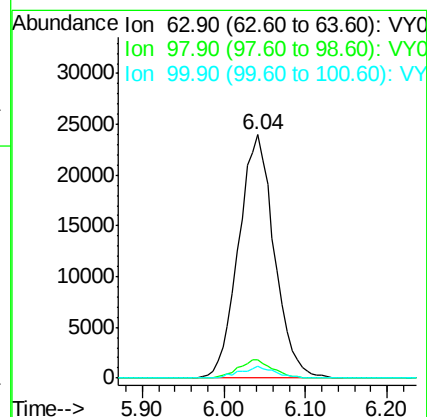
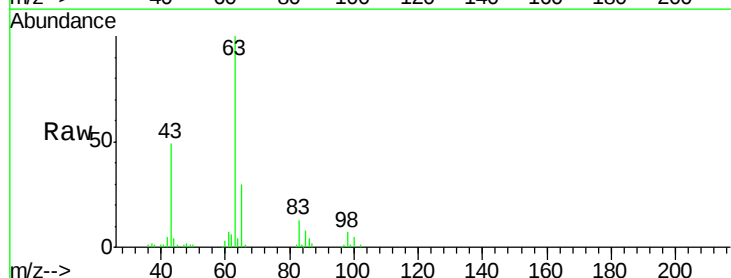
Tgt Ion: 63 Resp: 72804

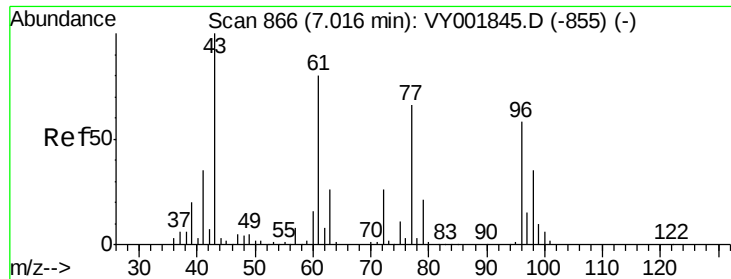
Ion Ratio Lower Upper

63 100

98 7.5 3.4 10.2

100 5.0 2.0 6.0





#25

2-Butanone

Concen: 103.452 ug/l

RT: 7.01 min Scan# 865

Delta R.T. -0.01 min

Lab File: VY001936.D

Acq: 11 Mar 2020 12:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0311SBS01

Tot Ion: 43 Resp: 80856

Ion Ratio Lower Upper

43 100

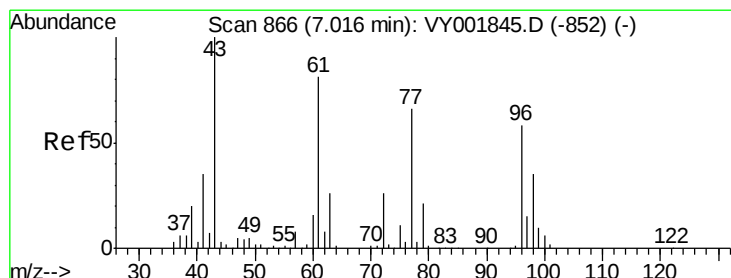
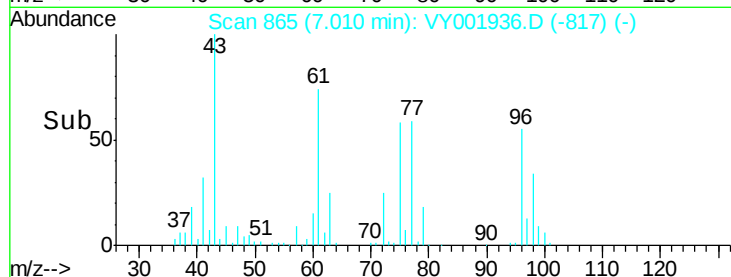
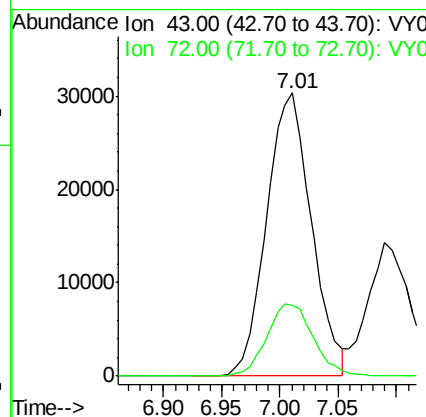
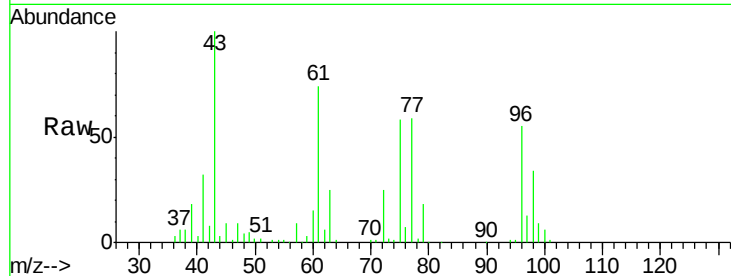
72 24.8 20.9 31.3

Manual Integrations

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3/12/2020 2:46:13 PM



#26

2,2-Dichloropropane

Concen: 20.830 ug/l

RT: 7.00 min Scan# 864

Delta R.T. -0.01 min

Lab File: VY001936.D

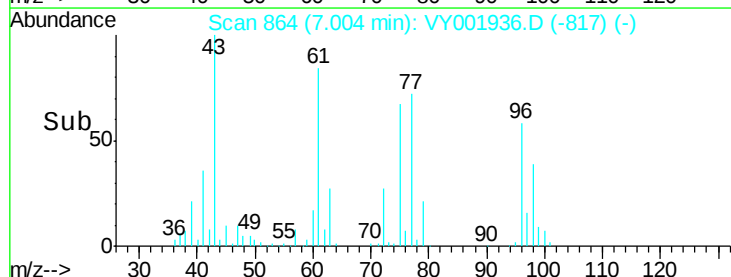
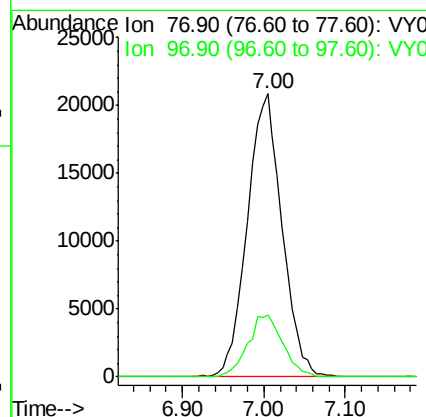
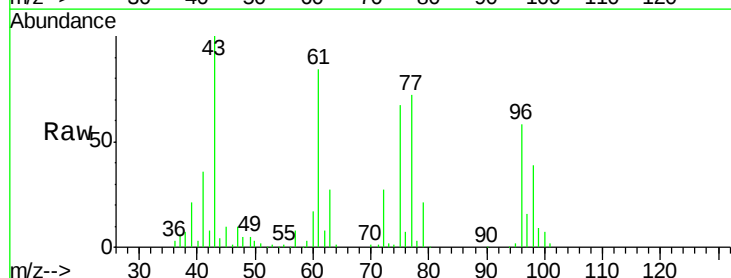
Acq: 11 Mar 2020 12:36

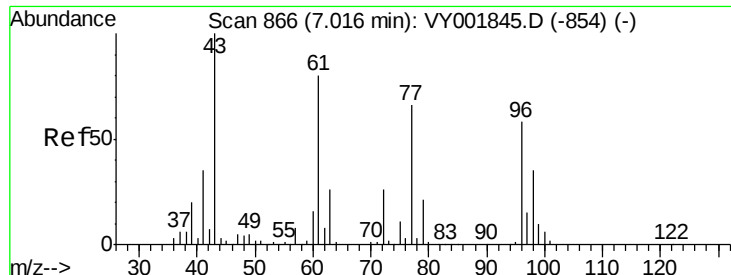
Tgt Ion: 77 Resp: 61829

Ion Ratio Lower Upper

77 100

97 22.1 11.9 35.7





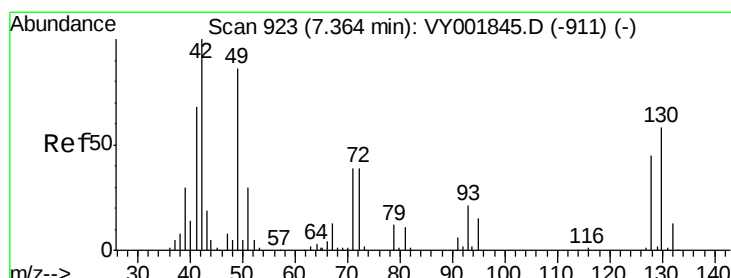
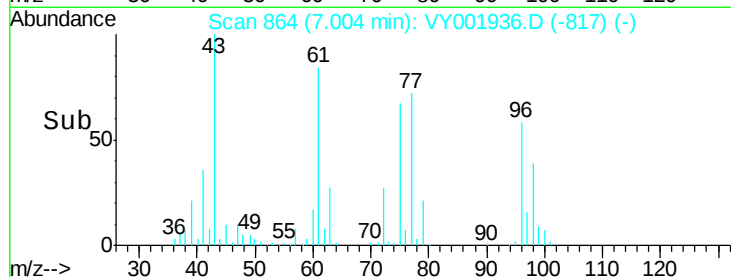
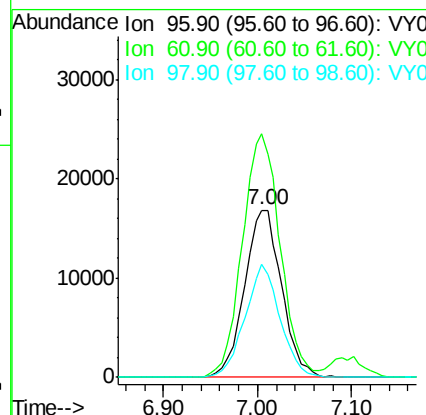
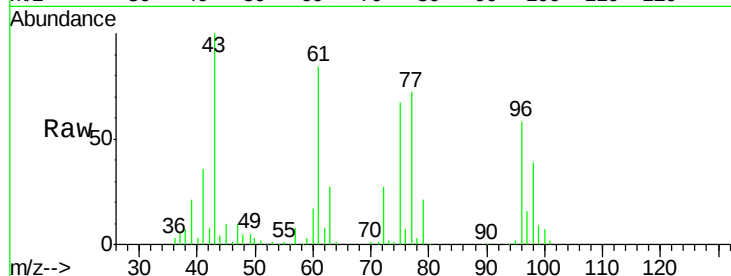
#27
 cis-1,2-Dichloroethene
 Concen: 20.414 ug/l
 RT: 7.00 min Scan# 864
 Delta R.T. -0.01 min
 Lab File: VY001936.D
 Acq: 11 Mar 2020 12:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0311SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	148.6	0.0	288.2
98	64.0	0.0	129.0

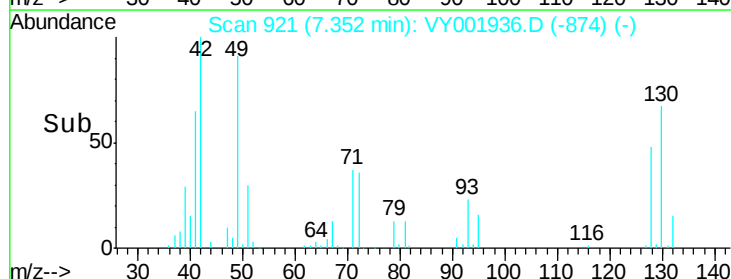
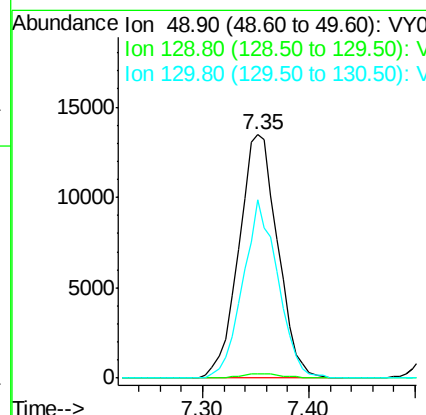
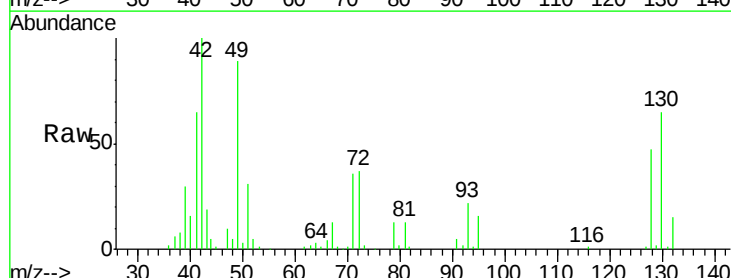
Manual Integrations
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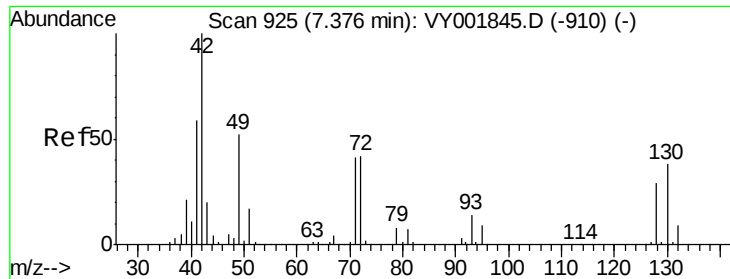
MMDadoda
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#28
 Bromochloromethane
 Concen: 21.133 ug/l
 RT: 7.35 min Scan# 921
 Delta R.T. -0.01 min
 Lab File: VY001936.D
 Acq: 11 Mar 2020 12:36

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





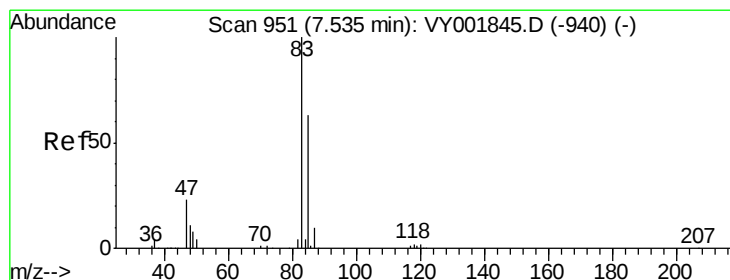
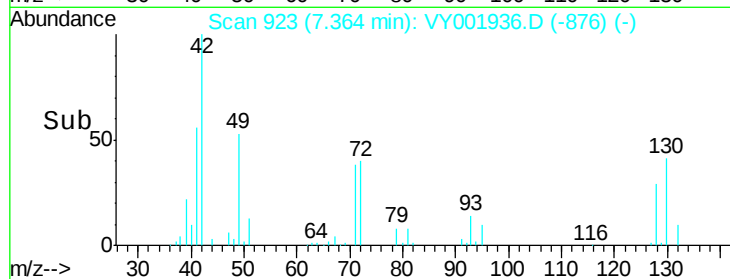
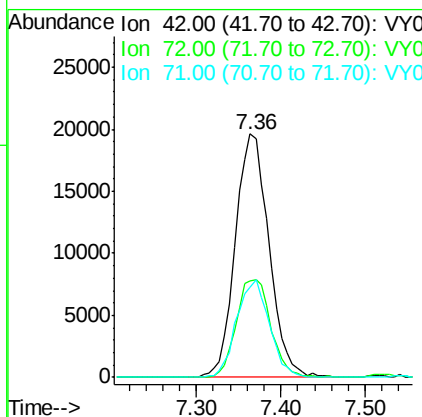
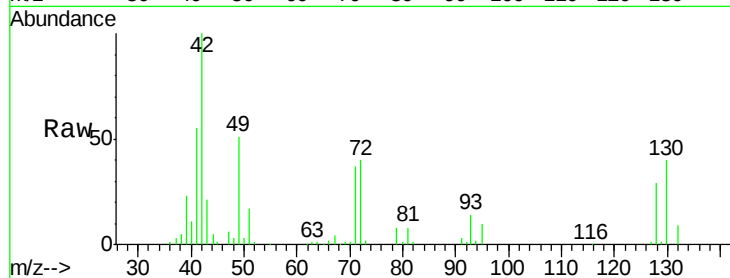
#29
Tetrahydrofuran
Concen: 102.316 ug/l
RT: 7.36 min Scan# 923
Delta R.T. -0.01 min
Lab File: VY001936.D
Acq: 11 Mar 2020 12:36

Instrument :
MSVOA_Y
ClientSampleId :
VY0311SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.1	33.5	50.3
71	38.7	31.3	46.9

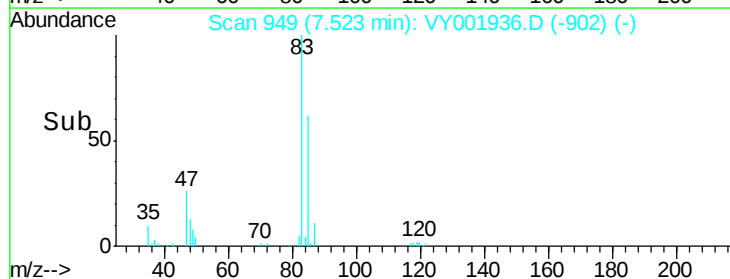
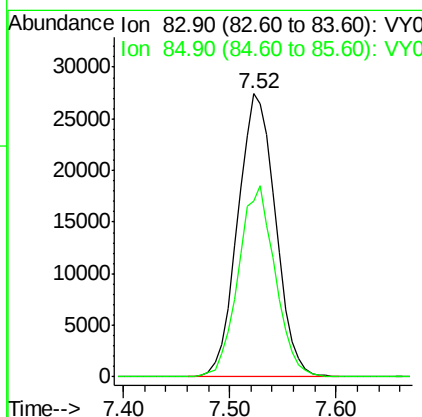
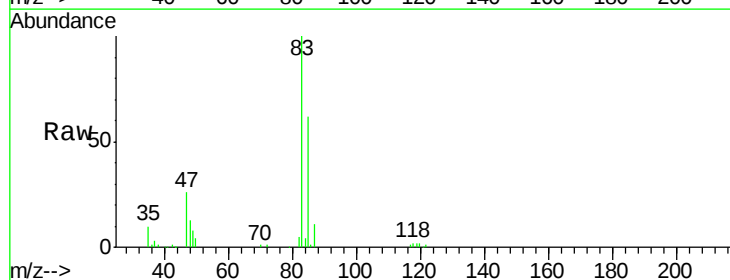
Manual Integrations
APPROVED

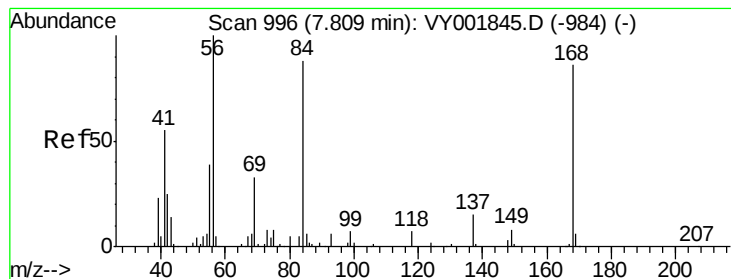
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#30
Chloroform
Concen: 20.121 ug/l
RT: 7.52 min Scan# 949
Delta R.T. -0.01 min
Lab File: VY001936.D
Acq: 11 Mar 2020 12:36

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.0	50.7	76.1





#31

Cvclohexane

Concen: 19.827 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY001936.D

Acq: 11 Mar 2020 12:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0311SBS01

Tot Ion: 56 Resp: 76883

Ion Ratio Lower Upper

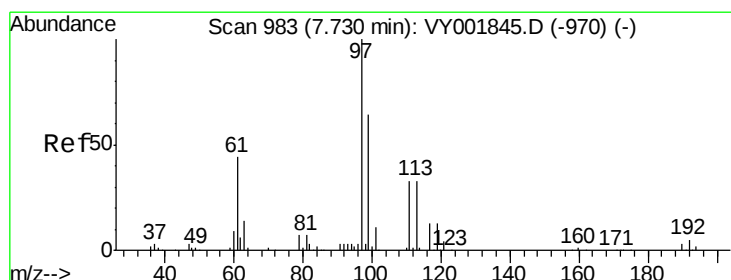
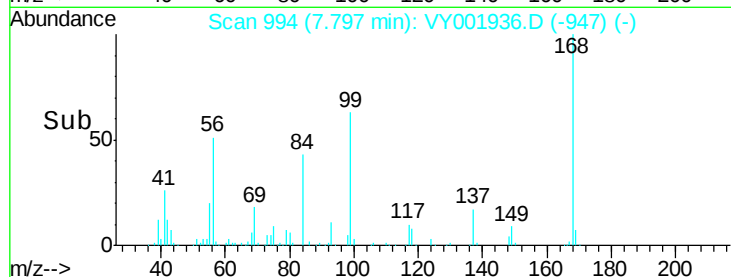
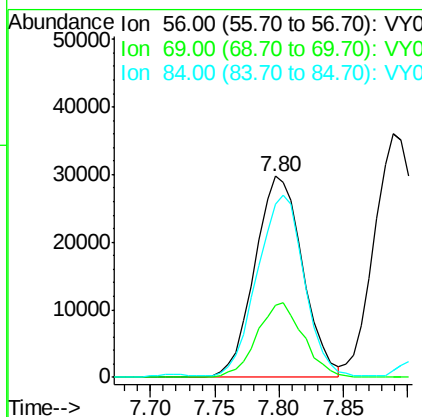
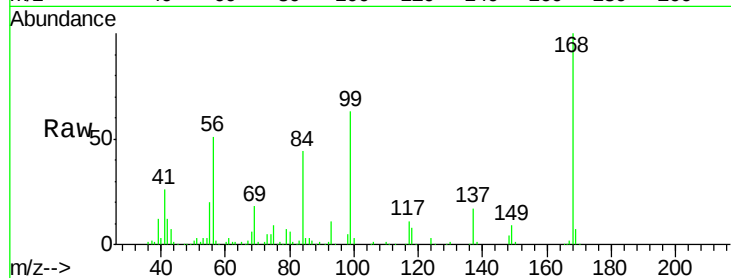
56 100

69 35.9 26.7 40.1

84 85.0 70.4 105.6

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#32

1,1,1-Trichloroethane

Concen: 20.108 ug/l

RT: 7.72 min Scan# 981

Delta R.T. -0.01 min

Lab File: VY001936.D

Acq: 11 Mar 2020 12:36

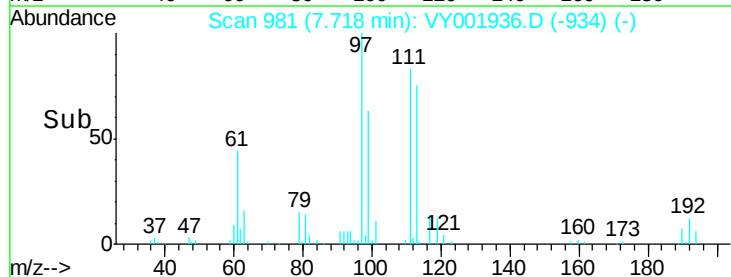
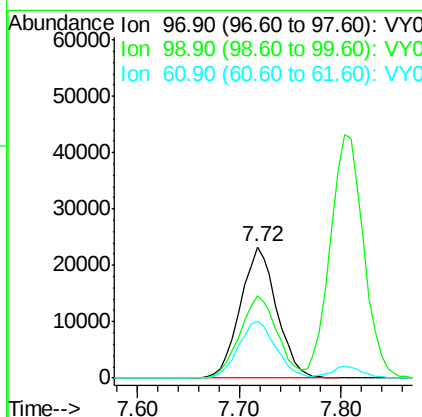
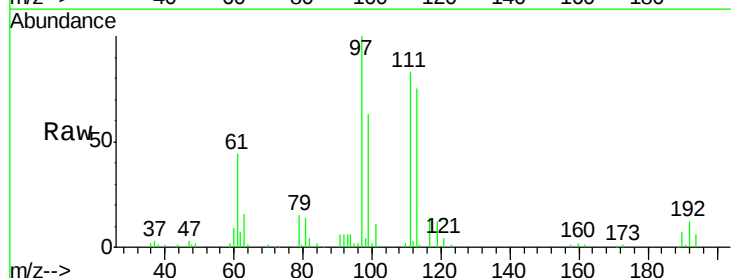
Tgt Ion: 97 Resp: 57585

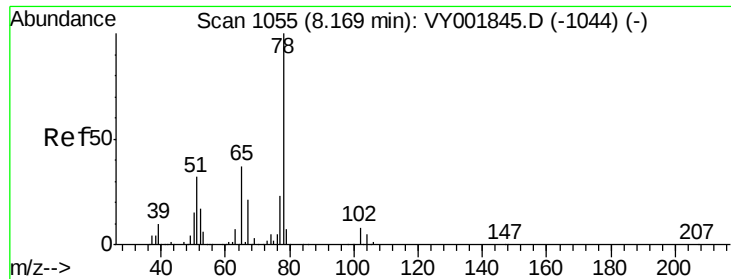
Ion Ratio Lower Upper

97 100

99 64.4 52.0 78.0

61 44.9 35.0 52.4





#33

1,2-Dichloroethane-d4

Concen: 49.397 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.01 min

Lab File: VY001936.D

Acq: 11 Mar 2020 12:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0311SBS01

Tot Ion: 65 Resp: 87165

Ion Ratio Lower Upper

65 100

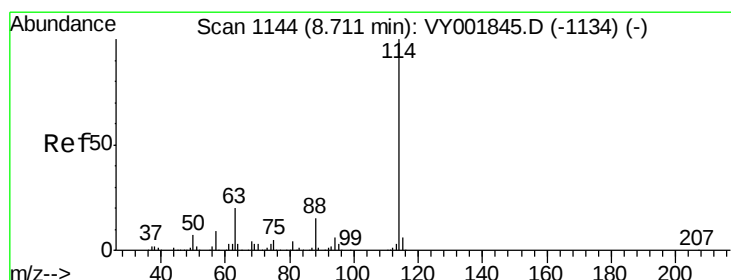
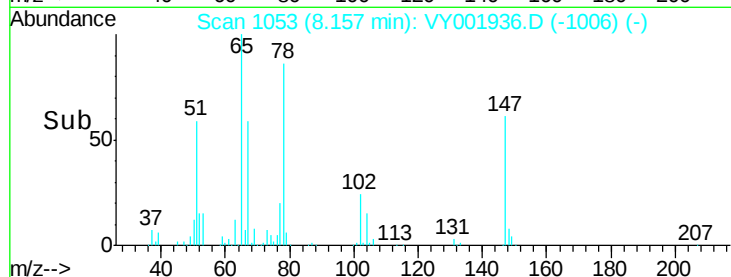
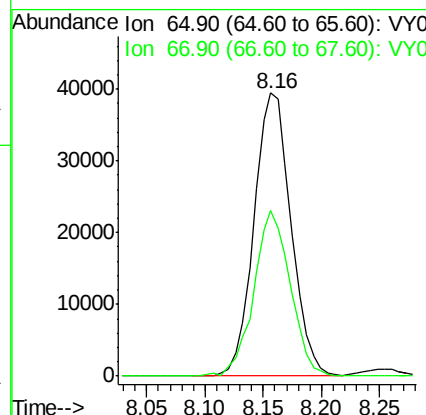
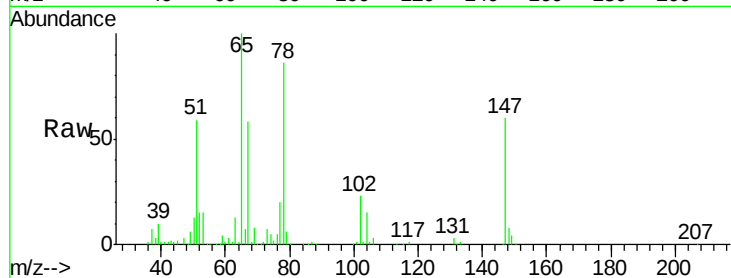
67 57.6 0.0 110.8

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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: VY001936.D

Acq: 11 Mar 2020 12:36

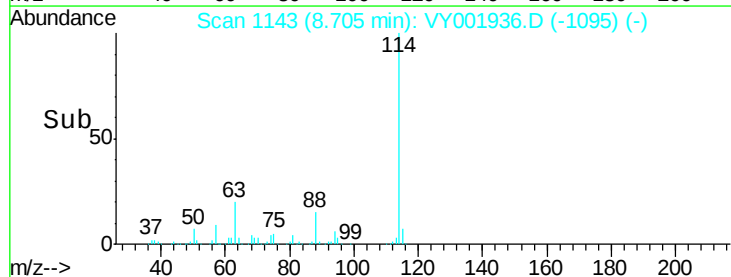
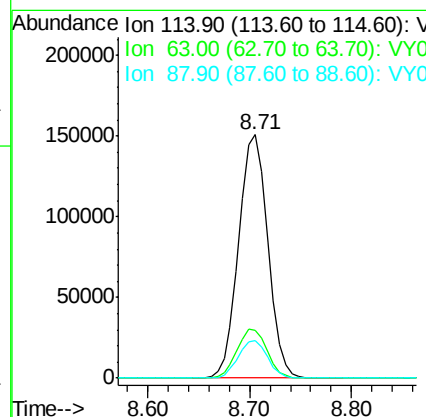
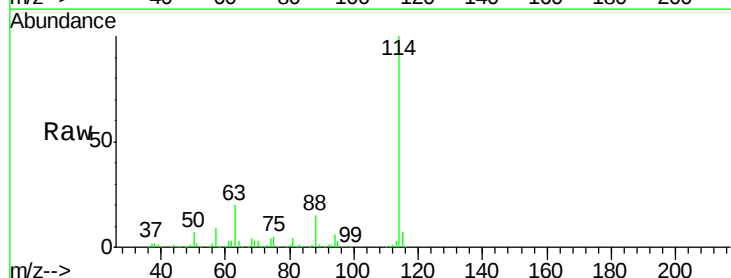
Tgt Ion: 114 Resp: 298499

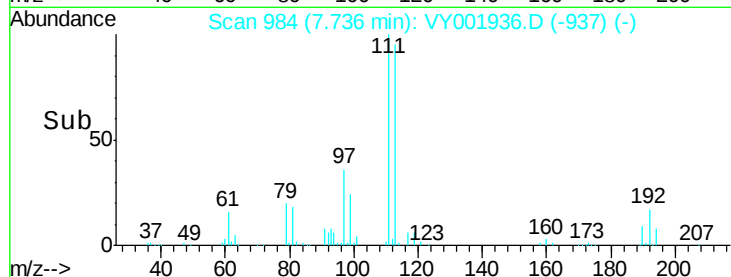
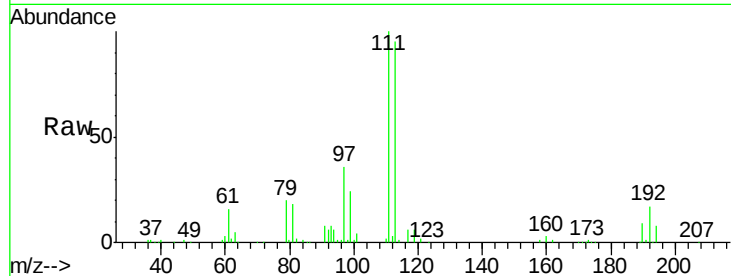
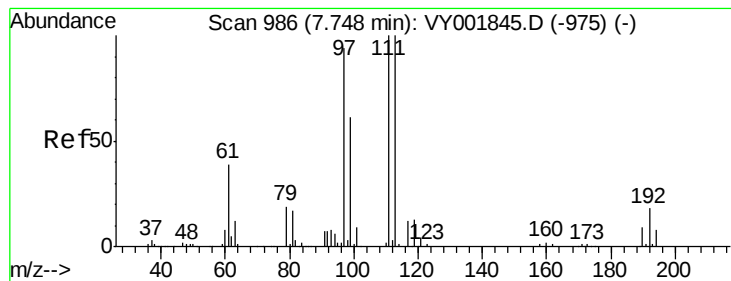
Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.4

88 15.4 0.0 30.4





#35

Dibromofluoromethane

Concen: 49.602 ug/l

RT: 7.74 min Scan# 984

Delta R.T. -0.01 min

Lab File: VY001936.D

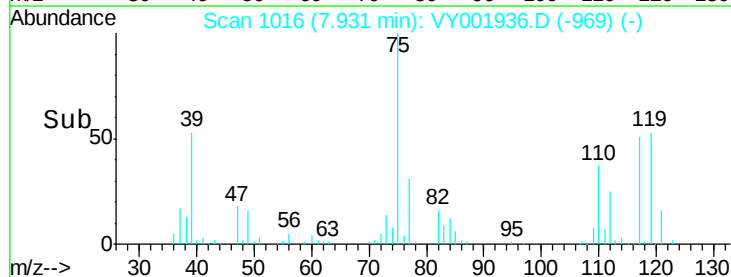
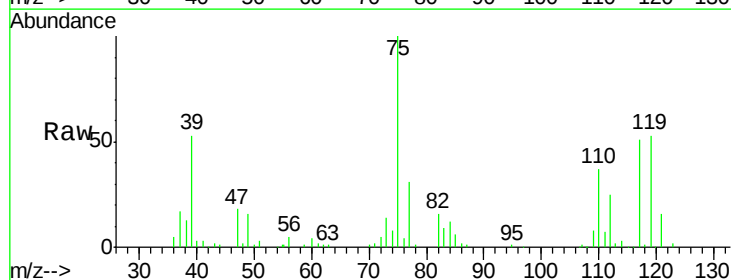
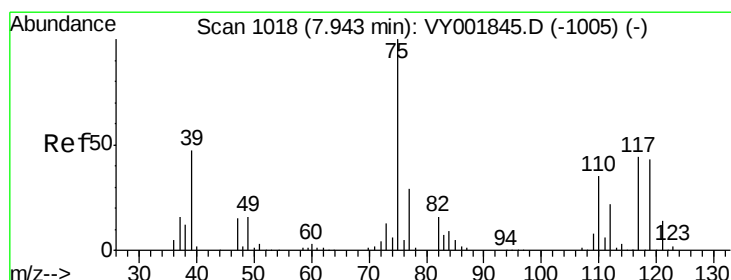
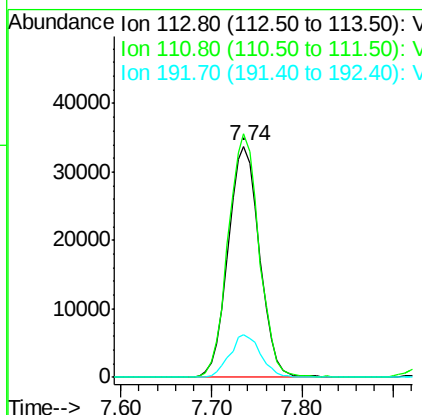
Acq: 11 Mar 2020 12:36

Tot Ion:	113	Resp:	80849
Ion	Ratio	Lower	Upper
113	100		
111	104.1	81.8	122.8
192	18.2	14.2	21.2

Instrument :
MSVOA_Y
ClientSampleId :
VY0311SBS01

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#36

1,1-Dichloropropene

Concen: 20.010 ug/l

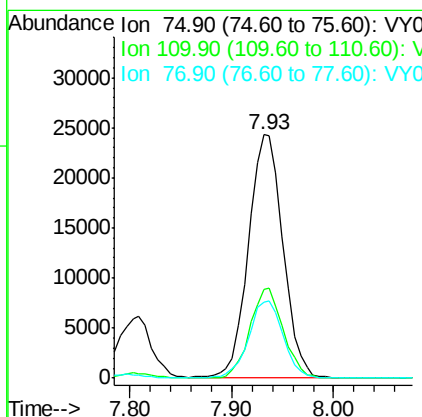
RT: 7.93 min Scan# 1016

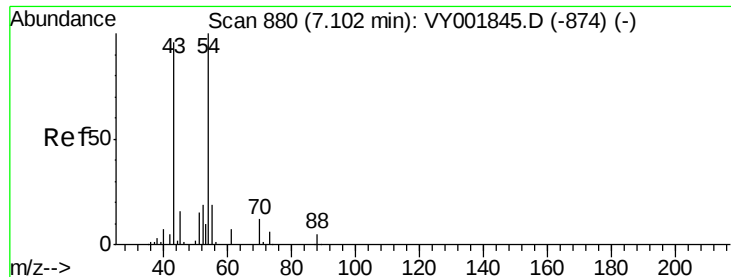
Delta R.T. -0.01 min

Lab File: VY001936.D

Acq: 11 Mar 2020 12:36

Tgt Ion:	75	Resp:	57478
Ion	Ratio	Lower	Upper
75	100		
110	35.5	17.4	52.2
77	31.6	24.2	36.2





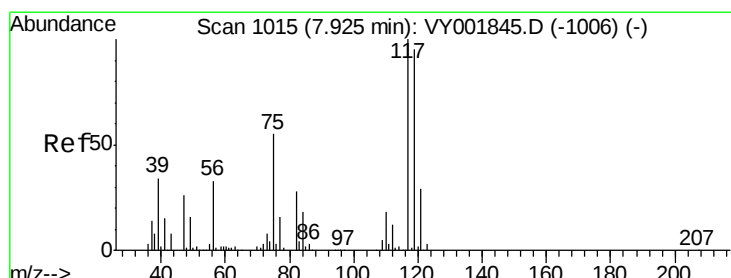
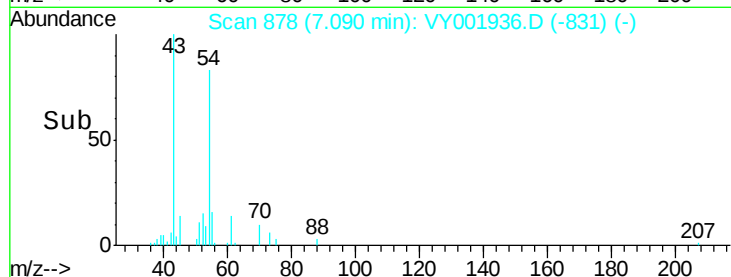
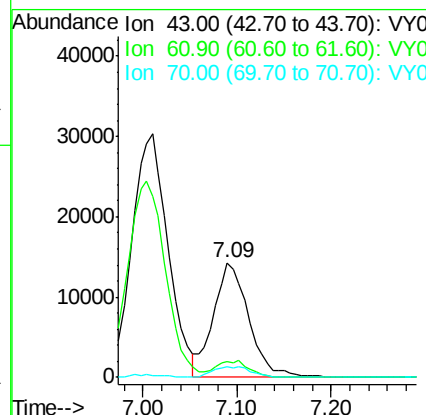
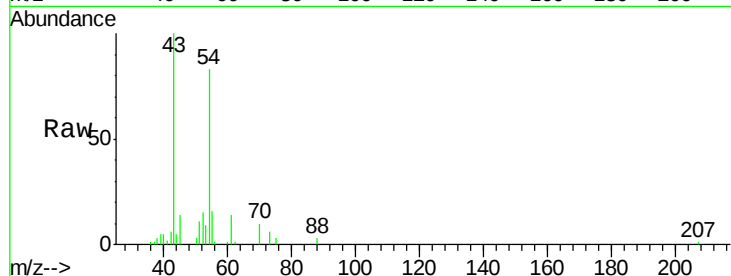
#37
Ethyl Acetate
Concen: 22.500 ug/l
RT: 7.09 min Scan# 878
Delta R.T. -0.01 min
Lab File: VY001936.D
Acq: 11 Mar 2020 12:36

Instrument :
MSVOA_Y
ClientSampleId :
VY0311SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.4	11.1	16.7
70	10.3	8.2	12.4

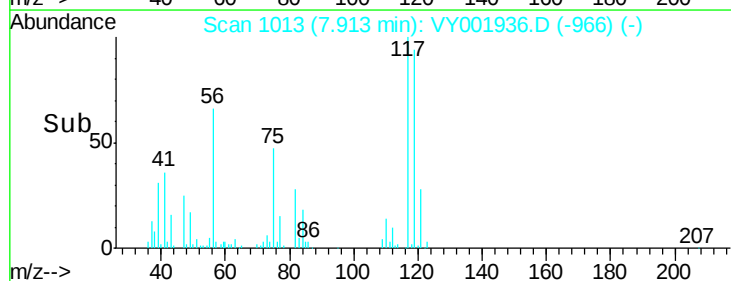
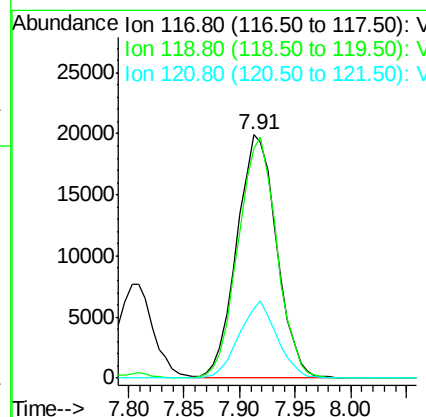
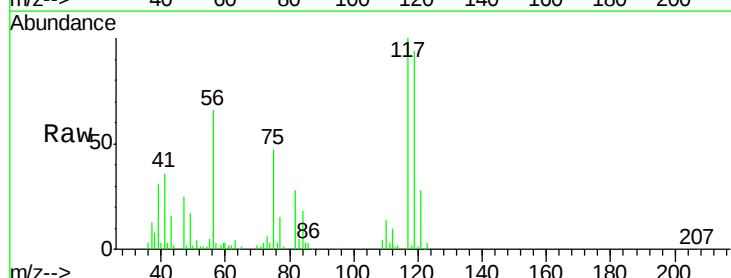
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#38
Carbon Tetrachloride
Concen: 20.123 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. -0.01 min
Lab File: VY001936.D
Acq: 11 Mar 2020 12:36

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.2	76.3	114.5
121	28.5	23.5	35.3





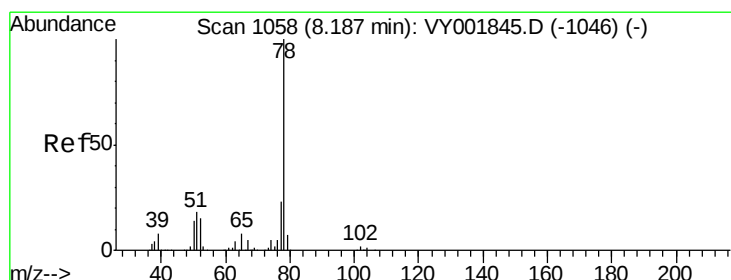
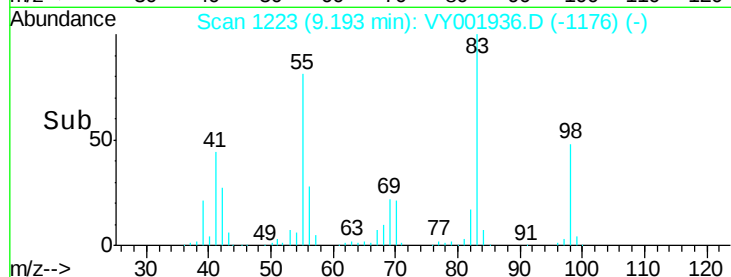
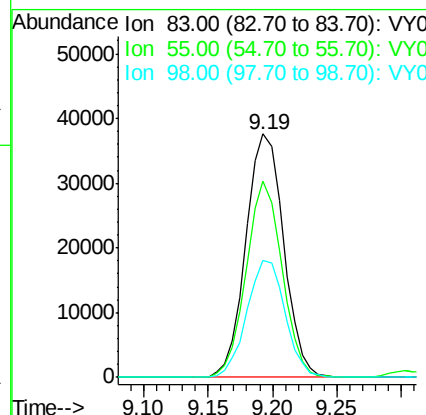
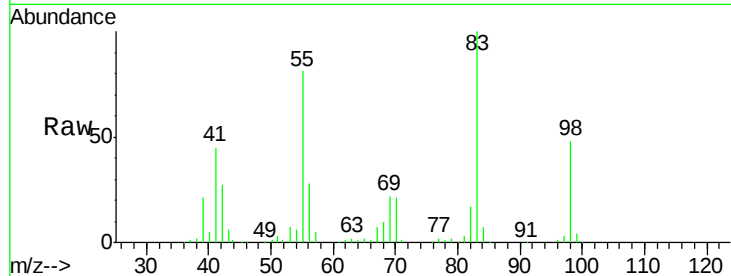
#39
Methvlcvclohexane
Concen: 20.018 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. -0.01 min
Lab File: VY001936.D
Acq: 11 Mar 2020 12:36

Instrument :
MSVOA_Y
ClientSampleId :
VY0311SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.5	59.4	89.0
98	48.2	38.9	58.3

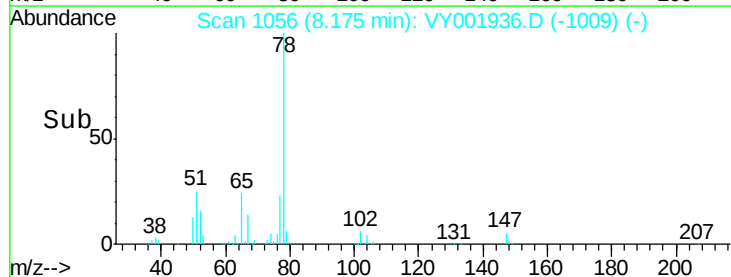
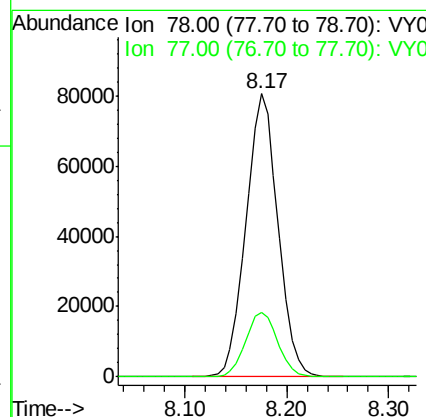
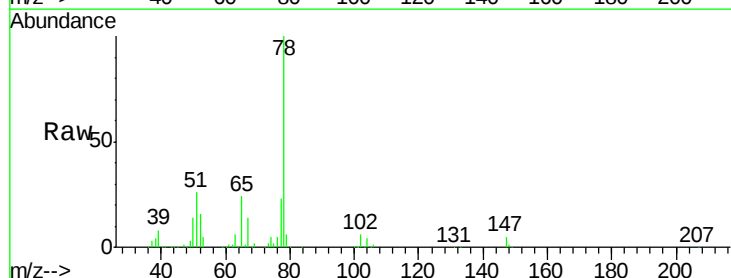
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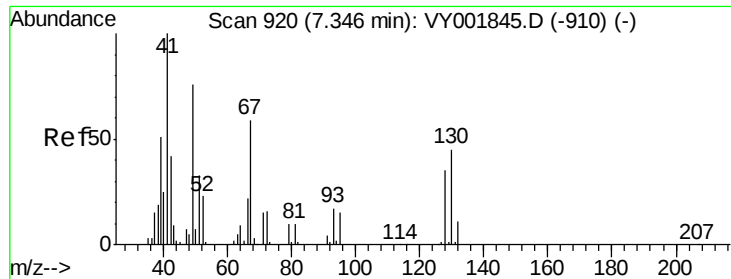
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#40
Benzene
Concen: 20.622 ug/l
RT: 8.17 min Scan# 1056
Delta R.T. -0.01 min
Lab File: VY001936.D
Acq: 11 Mar 2020 12:36

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.8	18.7	28.1





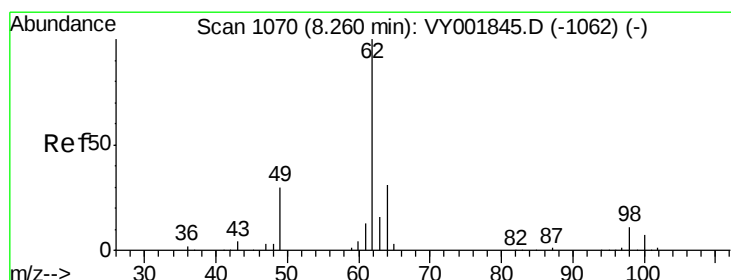
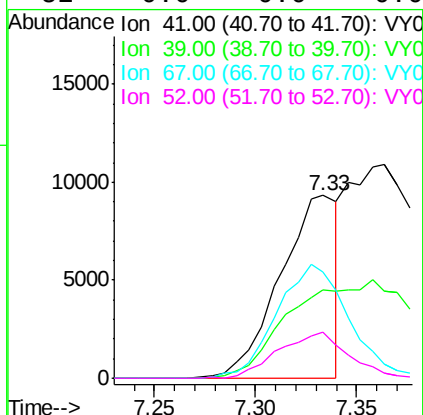
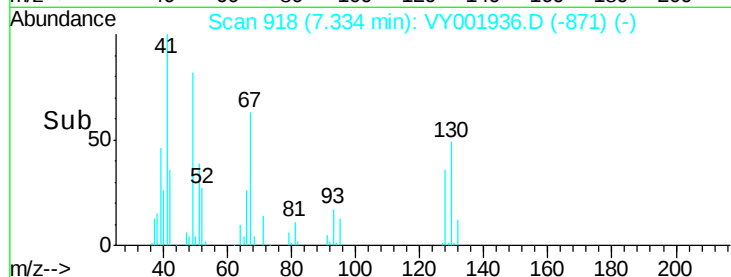
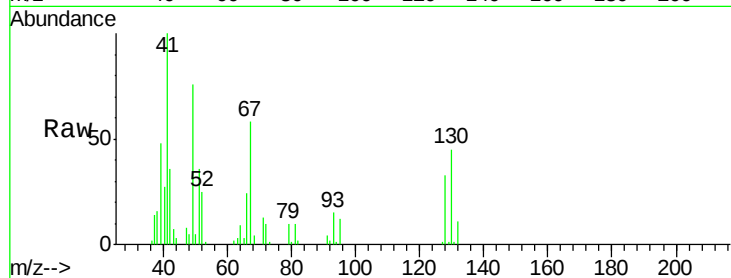
#41
Methacrylonitrile
Concen: 24.571 ug/l m
RT: 7.33 min Scan# 918
Delta R.T. -0.01 min
Lab File: VY001936.D
Acq: 11 Mar 2020 12:36

Instrument :
MSVOA_Y
ClientSampleId :
VY0311SBS01

Tot Ion	41	Resp	18461
Ion	Ratio	Lower	Upper
41	100		
39	118.0	111.7	167.5
67	0.0	0.0	0.0
52	0.0	0.0	0.0

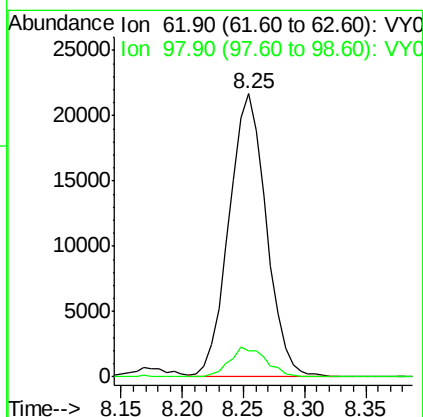
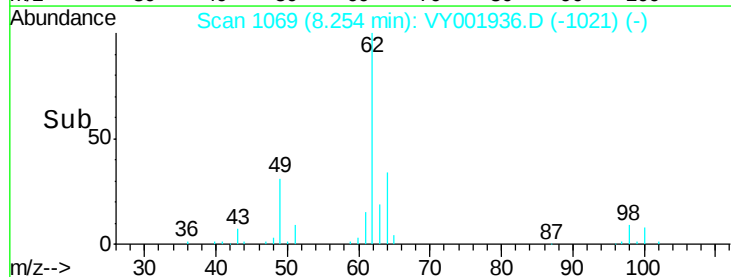
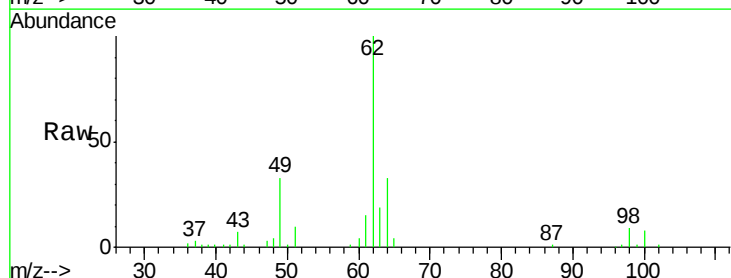
Manual Integrations
APPROVED

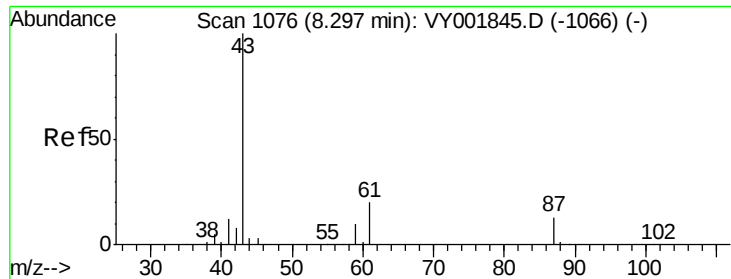
MMDadoda
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#42
1,2-Dichloroethane
Concen: 20.907 ug/l
RT: 8.25 min Scan# 1069
Delta R.T. -0.01 min
Lab File: VY001936.D
Acq: 11 Mar 2020 12:36

Tgt Ion	62	Resp	45869
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	21.4





#43

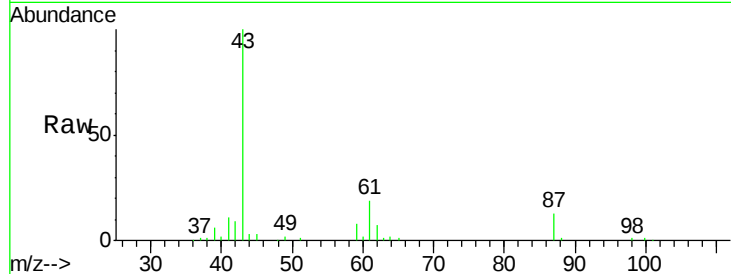
Isopropyl Acetate
 Concen: 20.998 ug/l
 RT: 8.28 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VY001936.D
 Acq: 11 Mar 2020 12:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0311SBS01

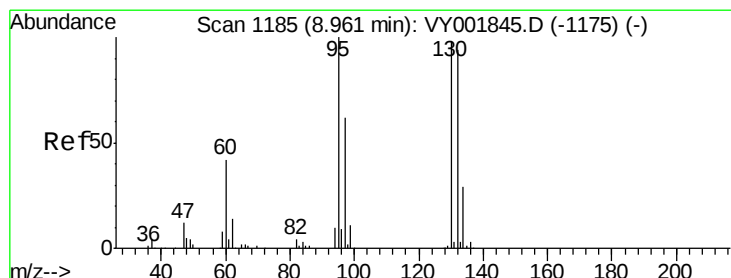
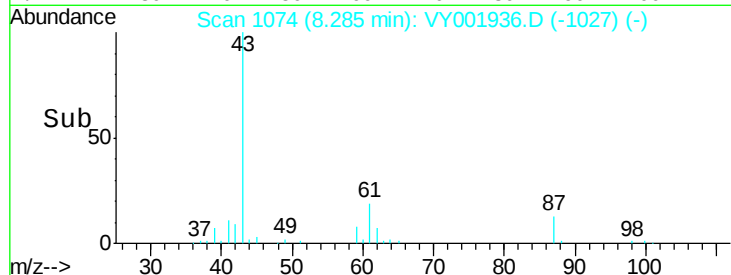
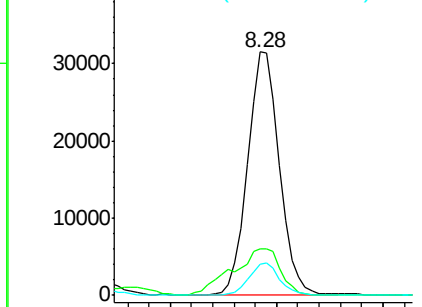
Tot Ion	Ratio	Lower	Upper
43	100		
61	28.6	23.8	35.6
87	12.7	10.9	16.3

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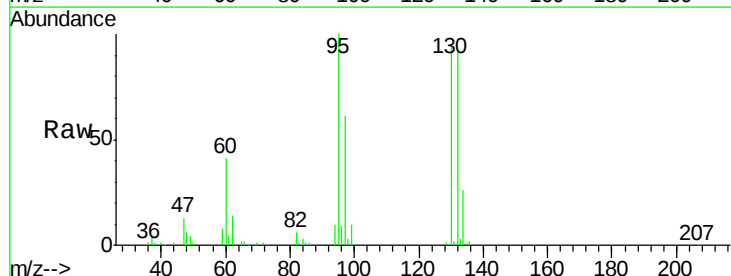
Abundance Ion 43.00 (42.70 to 43.70): VY0
 Ion 61.00 (60.70 to 61.70): VY0
 Ion 87.00 (86.70 to 87.70): VY0



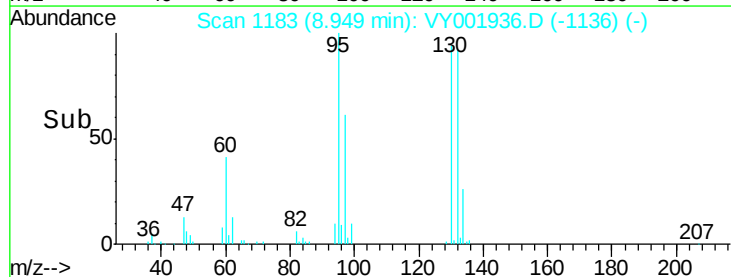
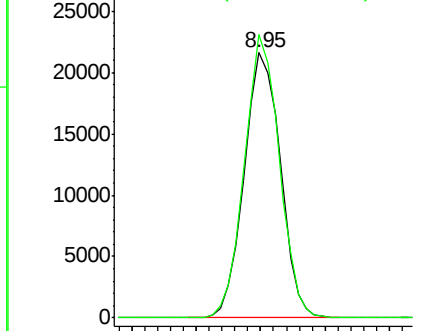
#44

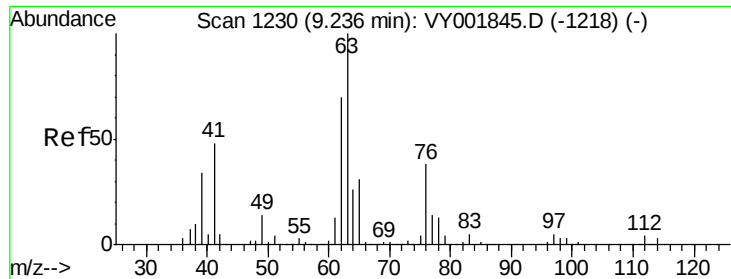
Trichloroethene
 Concen: 20.302 ug/l
 RT: 8.95 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: VY001936.D
 Acq: 11 Mar 2020 12:36

Tgt Ion	Ratio	Lower	Upper
130	100		
95	106.7	0.0	204.6



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VY0





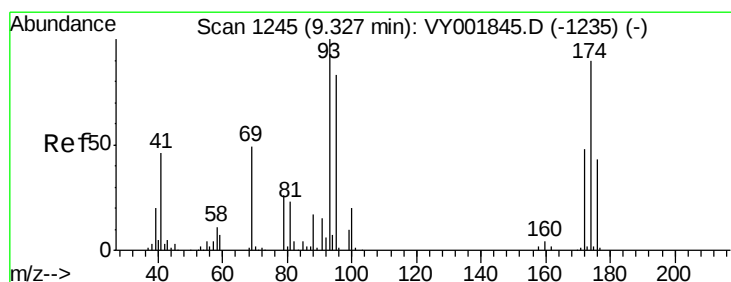
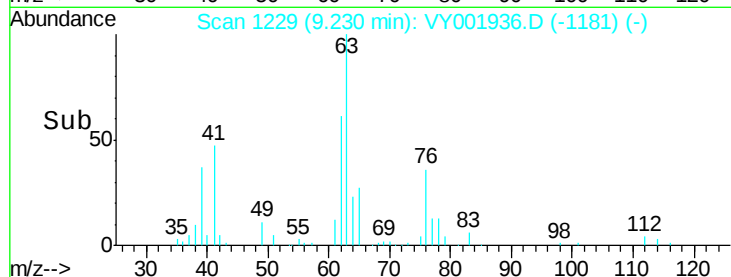
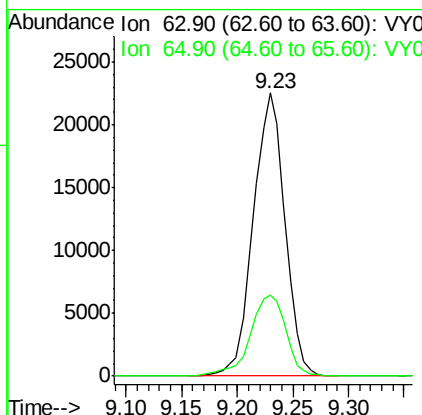
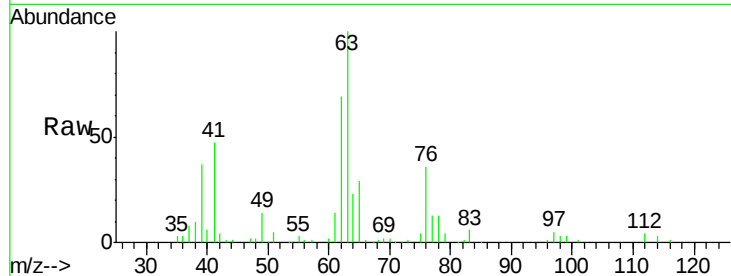
#45
 1,2-Dichloropropane
 Concen: 20.871 ug/l
 RT: 9.23 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: VY001936.D
 Acq: 11 Mar 2020 12:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0311SBS01

Tot Ion: 63 Resp: 44669
 Ion Ratio Lower Upper
 63 100
 65 28.8 24.9 37.3

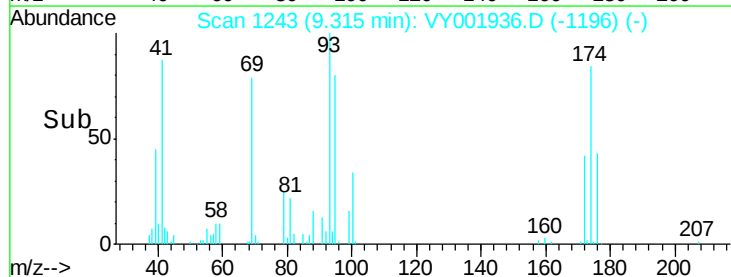
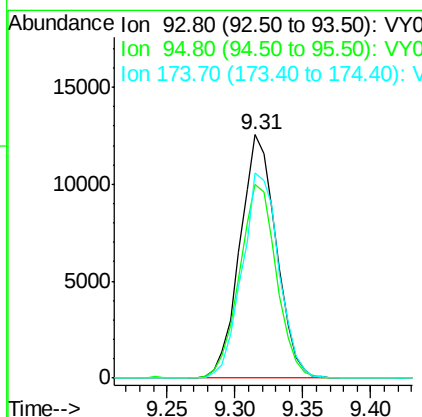
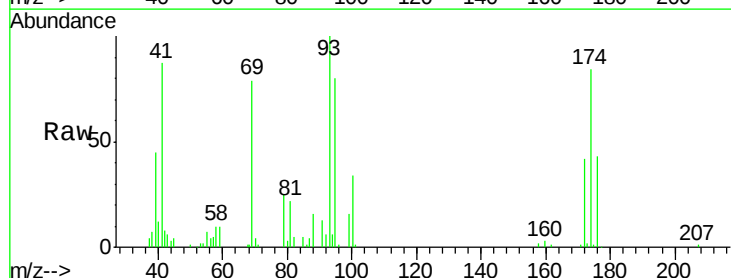
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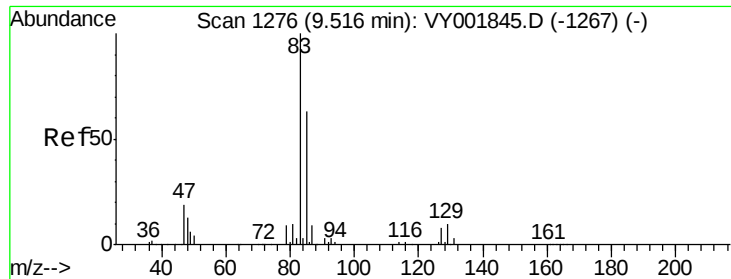
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#46
 Dibromomethane
 Concen: 21.205 ug/l
 RT: 9.31 min Scan# 1243
 Delta R.T. -0.01 min
 Lab File: VY001936.D
 Acq: 11 Mar 2020 12:36

Tgt Ion: 93 Resp: 23388
 Ion Ratio Lower Upper
 93 100
 95 80.9 67.0 100.4
 174 85.3 71.8 107.8





#47

Bromodichloromethane

Concen: 20.325 ug/l

RT: 9.51 min Scan# 1275

Delta R.T. -0.01 min

Lab File: VY001936.D

Acq: 11 Mar 2020 12:36

Instrument :

MSVOA_Y

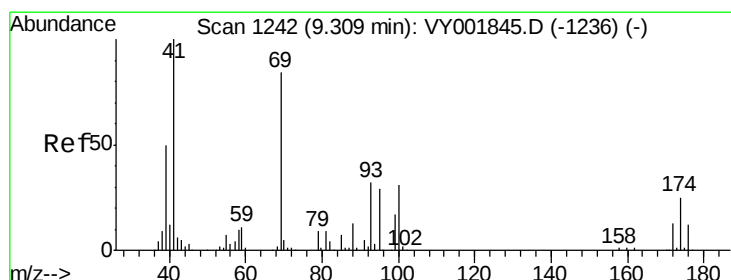
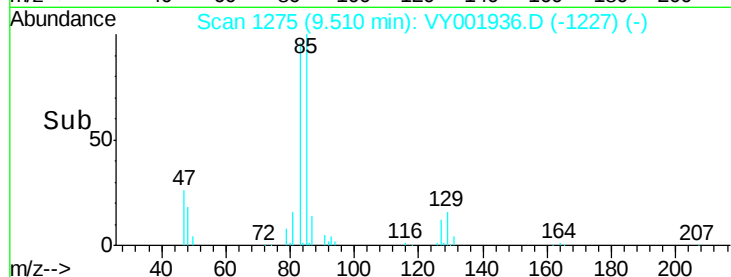
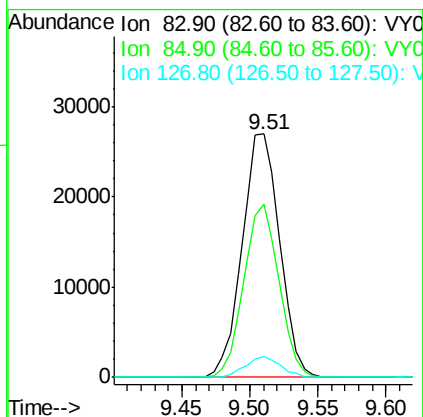
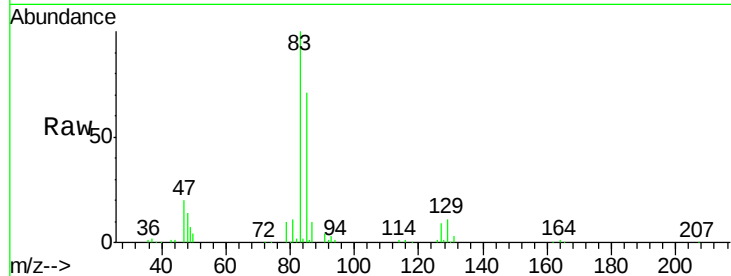
ClientSampleId :

VY0311SBS01

Tot Ion:	83	Resp:	52147
Ion	Ratio	Lower	Upper
83	100		
85	71.2	50.6	76.0
127	8.6	6.2	9.4

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#48

Methyl methacrylate

Concen: 21.450 ug/l

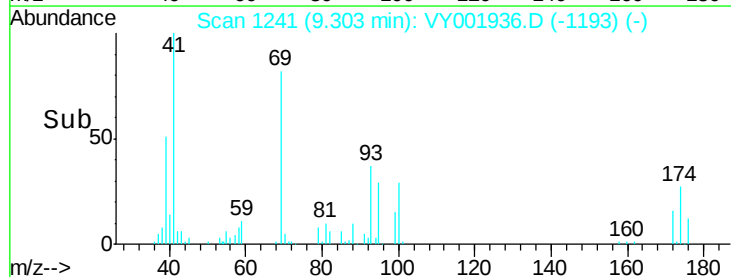
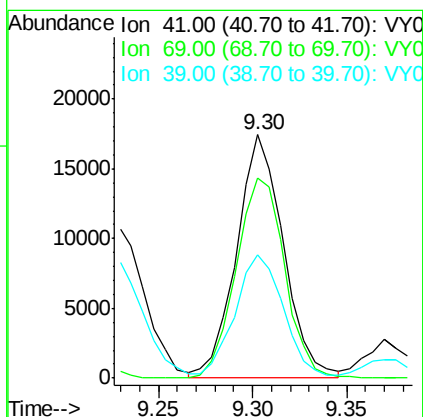
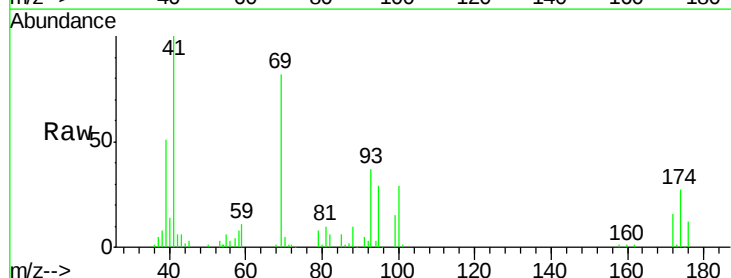
RT: 9.30 min Scan# 1241

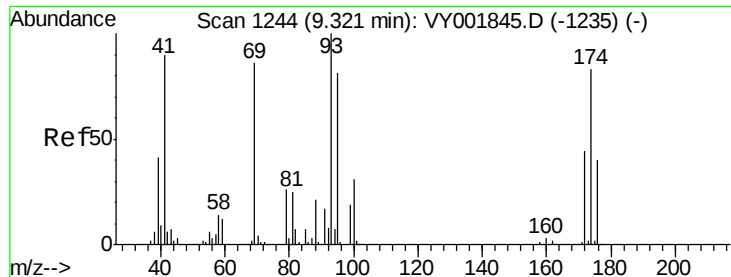
Delta R.T. -0.01 min

Lab File: VY001936.D

Acq: 11 Mar 2020 12:36

Tgt Ion:	41	Resp:	30085
Ion	Ratio	Lower	Upper
41	100		
69	85.4	69.0	103.6
39	50.5	39.1	58.7





#49

1,4-Dioxane

Concen: 384.374 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.01 min

Lab File: VY001936.D

Acq: 11 Mar 2020 12:36

Instrument :

MSVOA_Y

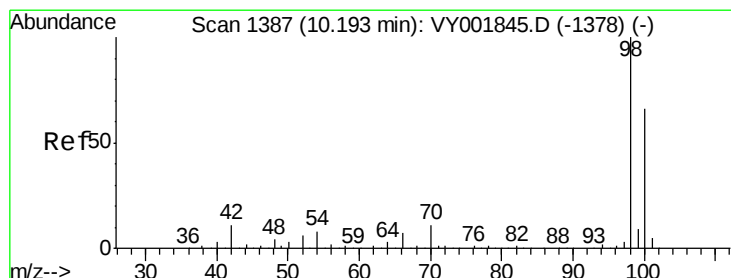
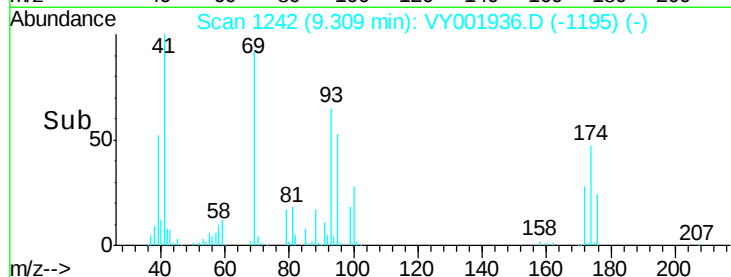
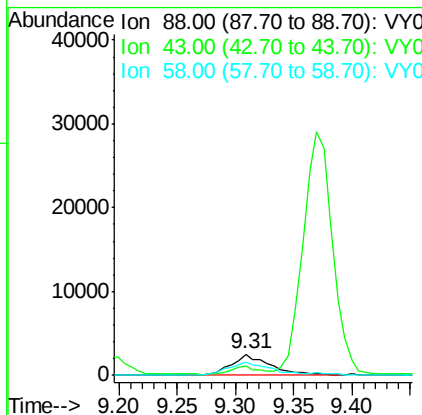
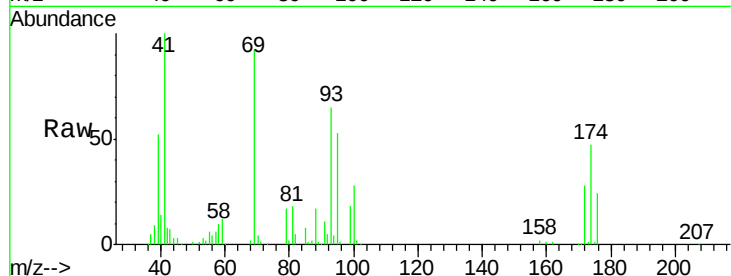
ClientSampleId :

VY0311SBS01

Tot Ion:	88	Resp:	5809
Ion	Ratio	Lower	Upper
88	100		
43	31.8	25.0	37.6
58	74.2	58.9	88.3

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#50

Toluene-d8

Concen: 49.228 ug/l

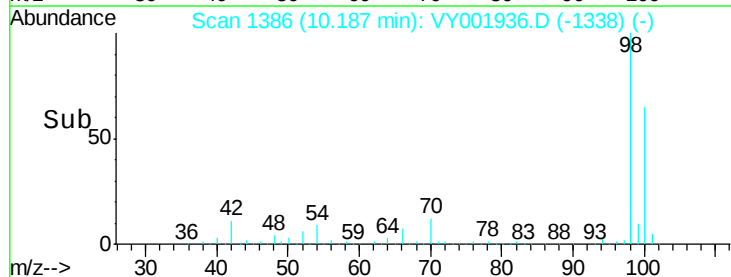
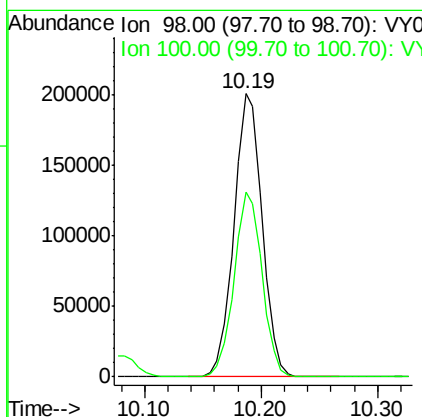
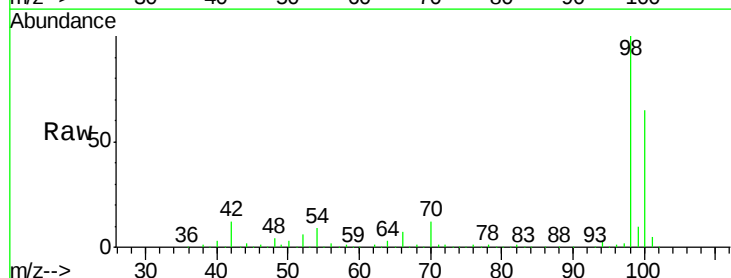
RT: 10.19 min Scan# 1386

Delta R.T. -0.01 min

Lab File: VY001936.D

Acq: 11 Mar 2020 12:36

Tgt Ion:	98	Resp:	338356
Ion	Ratio	Lower	Upper
98	100		
100	64.7	53.0	79.4





#51

4-Methyl-2-Pentanone

Concen: 107.359 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. -0.01 min

Lab File: VY001936.D

Acq: 11 Mar 2020 12:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0311SBS01

Tot Ion: 43 Resp: 174784

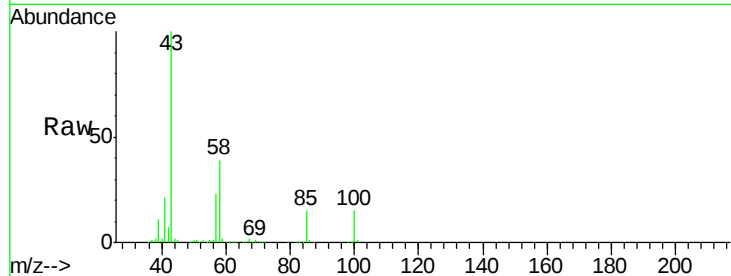
Ion Ratio Lower Upper

43 100

58 39.4 32.0 48.0

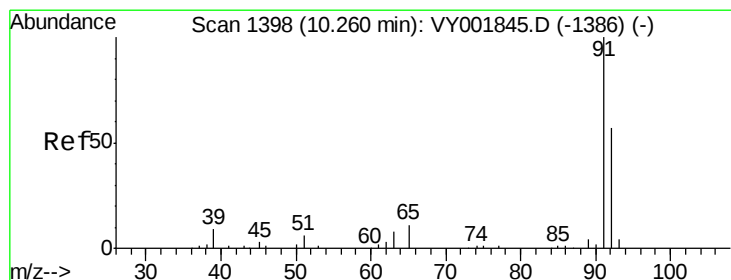
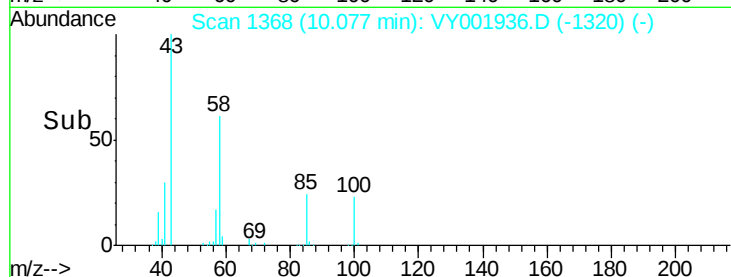
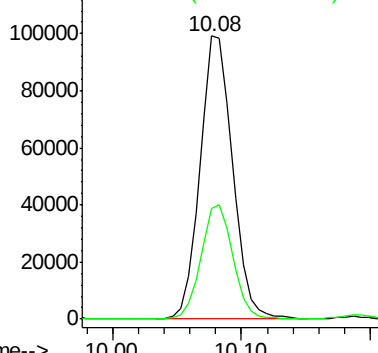
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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#52

Toluene

Concen: 20.649 ug/l

RT: 10.25 min Scan# 1397

Delta R.T. -0.01 min

Lab File: VY001936.D

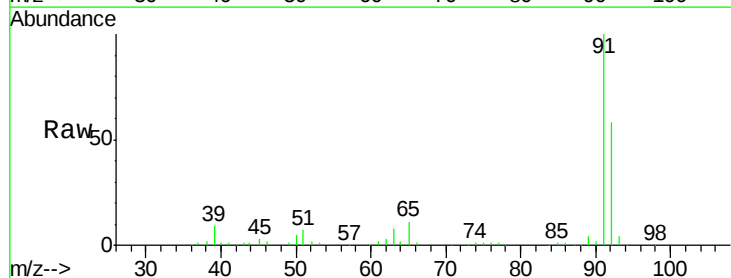
Acq: 11 Mar 2020 12:36

Tgt Ion: 92 Resp: 106798

Ion Ratio Lower Upper

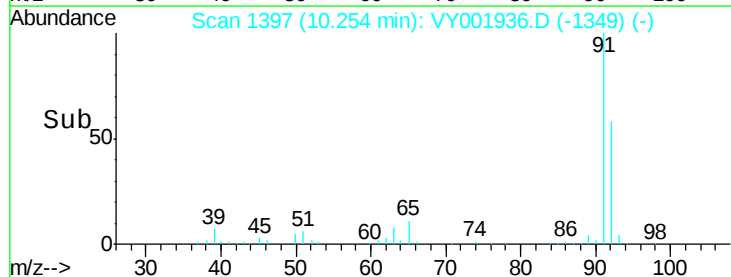
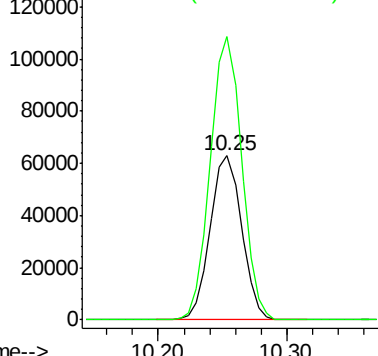
92 100

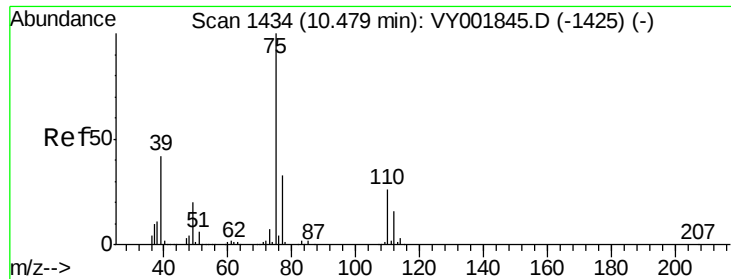
91 171.1 138.6 208.0



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0





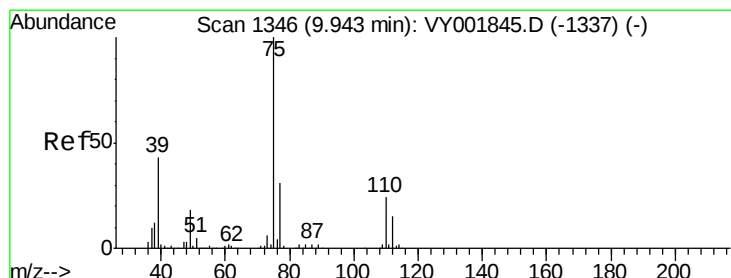
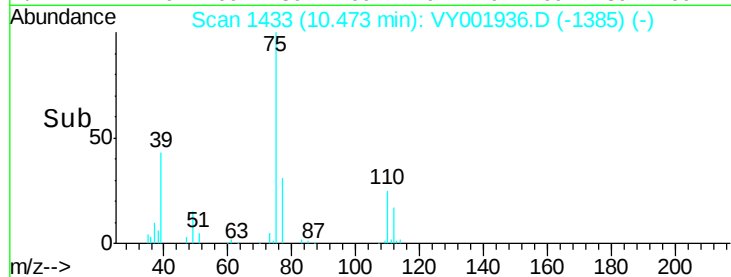
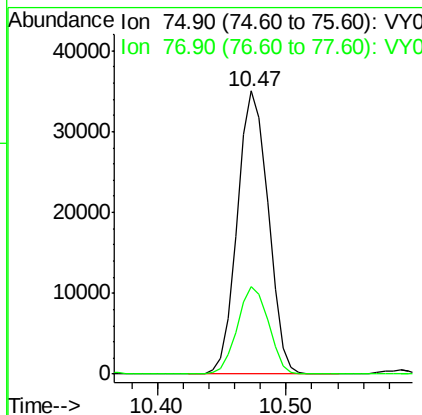
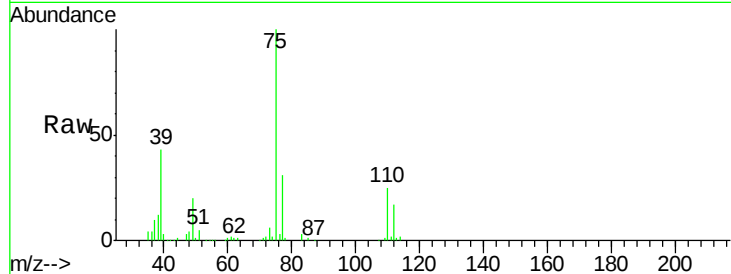
#53
t-1,3-Dichloropropene
Concen: 20.831 ug/l
RT: 10.47 min Scan# 1433
Delta R.T. -0.01 min
Lab File: VY001936.D
Acq: 11 Mar 2020 12:36

Instrument :
MSVOA_Y
ClientSampleId :
VY0311SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.2	26.3	39.5

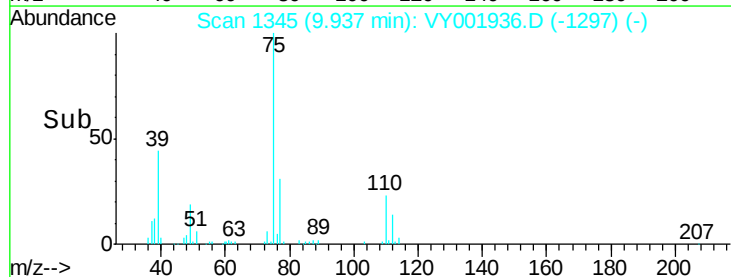
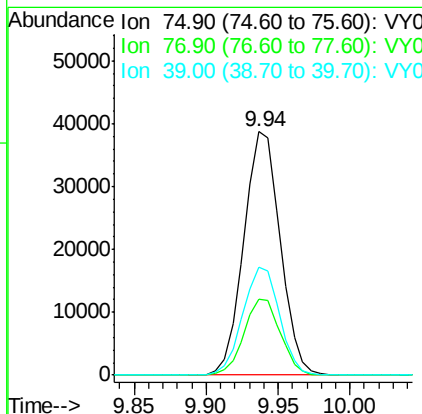
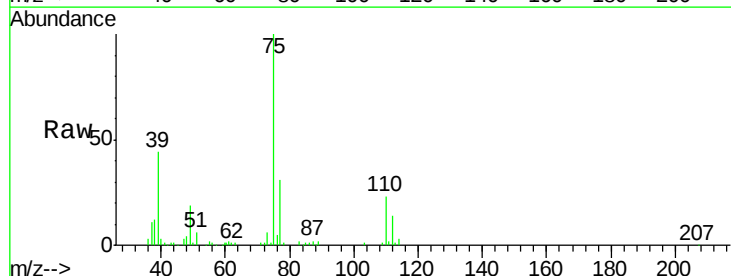
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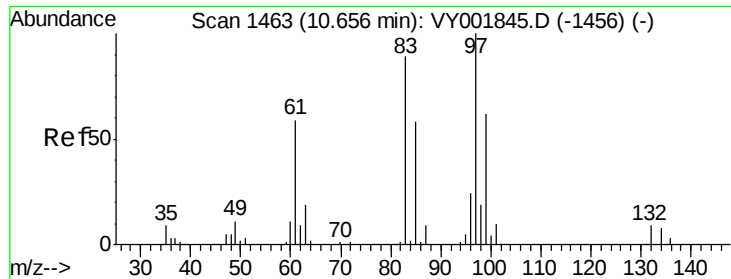
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#54
cis-1,3-Dichloropropene
Concen: 20.381 ug/l
RT: 9.94 min Scan# 1345
Delta R.T. -0.01 min
Lab File: VY001936.D
Acq: 11 Mar 2020 12:36

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.0	25.1	37.7
39	44.3	34.7	52.1





#55

1,1,2-Trichloroethane

Concen: 20.656 ug/l

RT: 10.66 min Scan# 1463

Delta R.T. 0.00 min

Lab File: VY001936.D

Acq: 11 Mar 2020 12:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0311SBS01

Tot Ion: 97 Resp: 33342

Ion Ratio Lower Upper

97 100

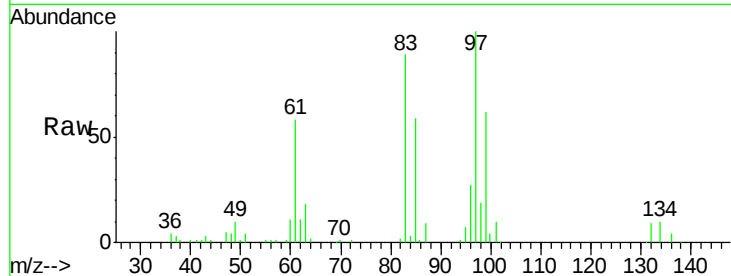
83 89.3 71.6 107.4

85 58.9 46.6 69.8

99 61.6 49.8 74.6

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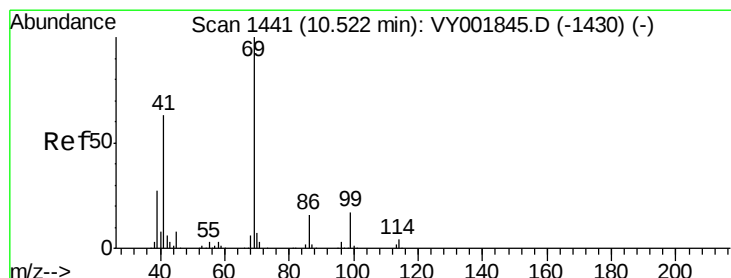
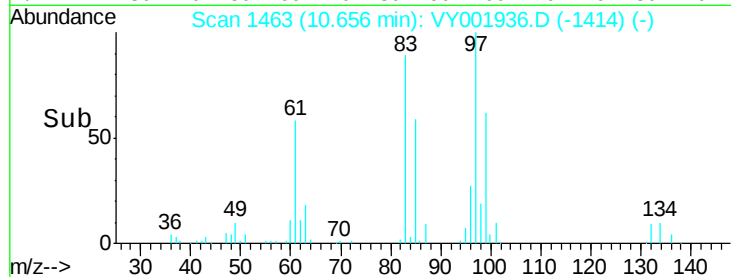
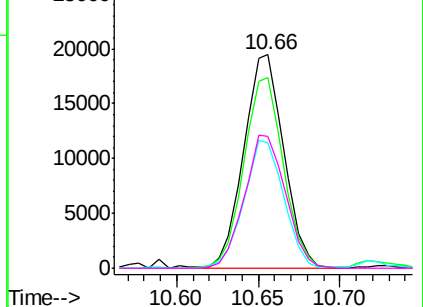


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 20.464 ug/l

RT: 10.52 min Scan# 1440

Delta R.T. -0.01 min

Lab File: VY001936.D

Acq: 11 Mar 2020 12:36

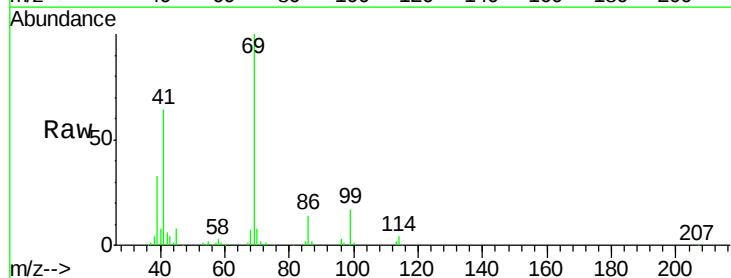
Tgt Ion: 69 Resp: 48417

Ion Ratio Lower Upper

69 100

41 65.1 49.9 74.9

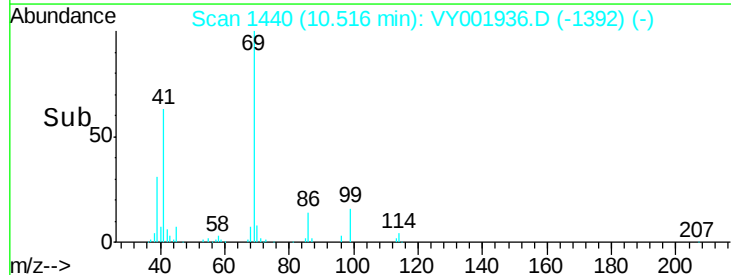
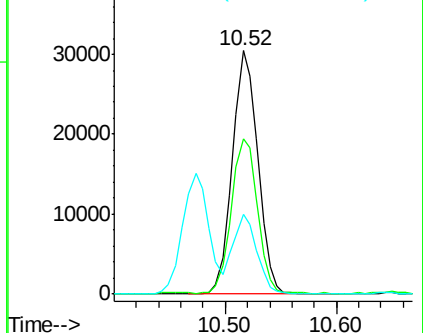
39 31.0 23.0 34.6

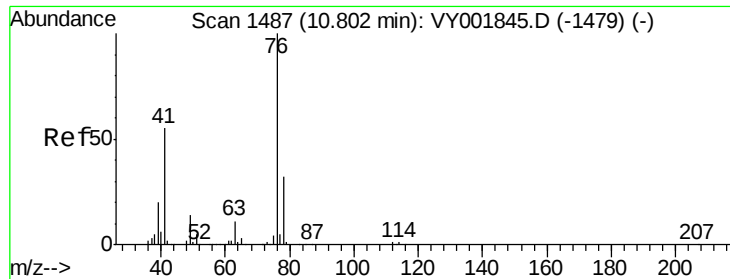


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





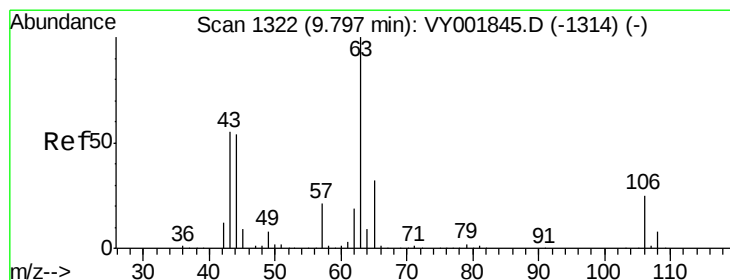
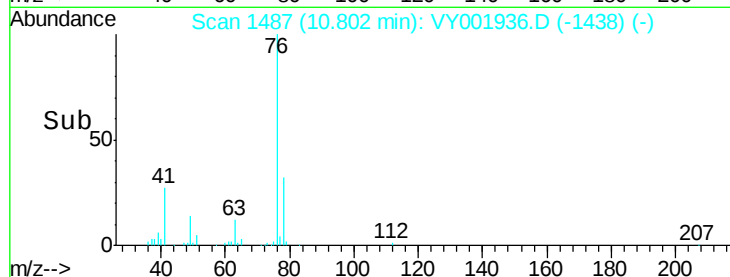
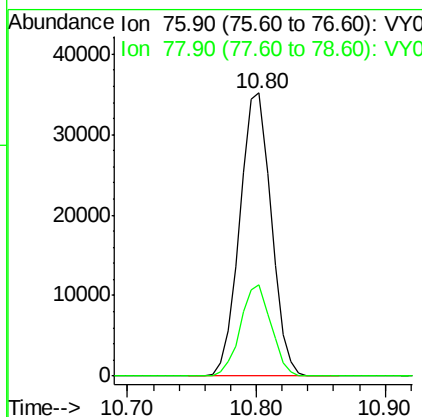
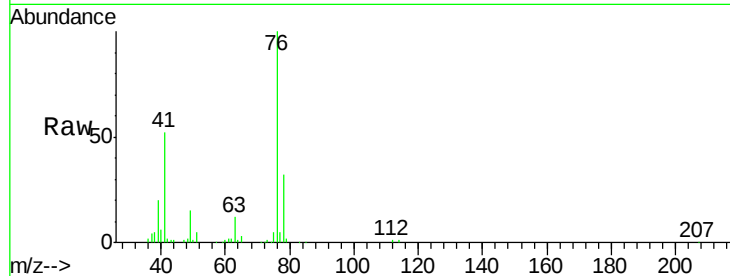
#57
 1,3-Dichloropropane
 Concen: 20.701 ug/l
 RT: 10.80 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VY001936.D
 Acq: 11 Mar 2020 12:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0311SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.2	25.8	38.6

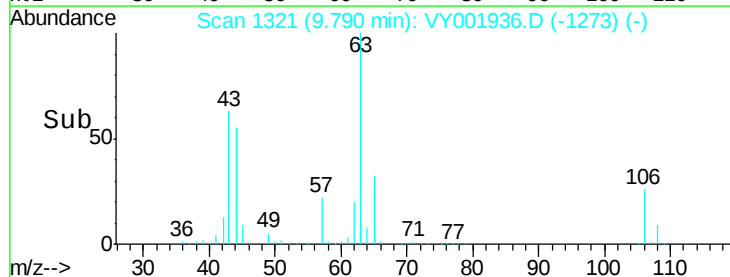
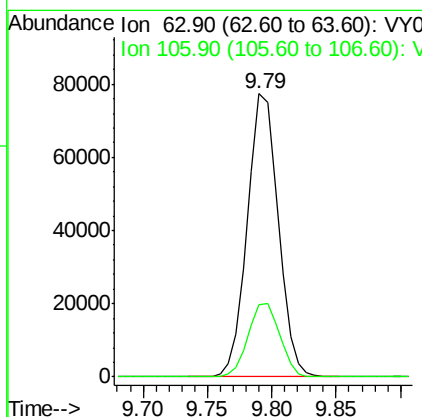
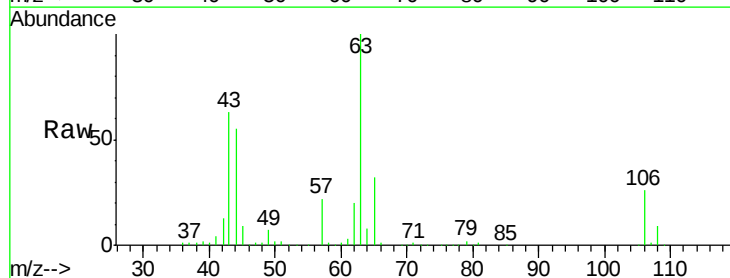
Manual Integrations
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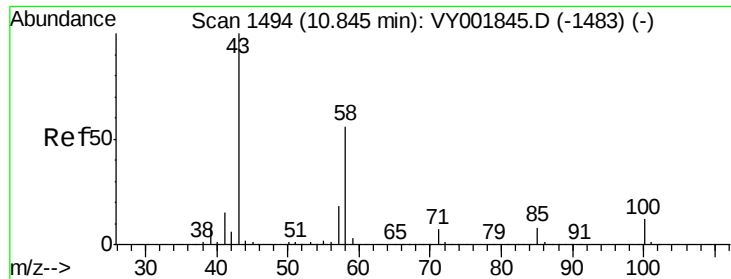
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#58
 2-Chloroethyl Vinyl ether
 Concen: 140.928 ug/l
 RT: 9.79 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: VY001936.D
 Acq: 11 Mar 2020 12:36

Tgt Ion	Ratio	Lower	Upper
63	100		
106	26.6	21.3	31.9





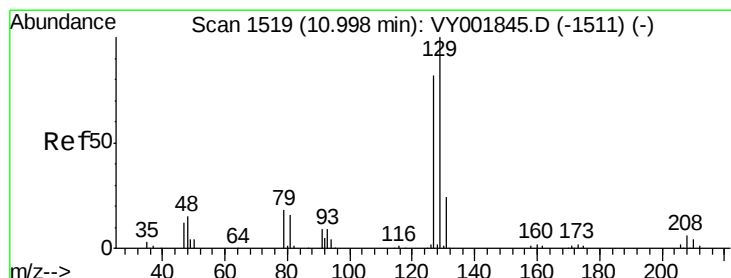
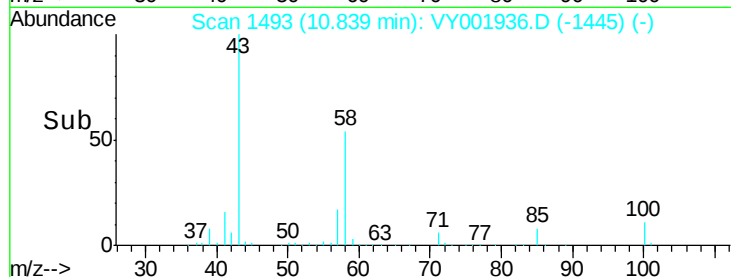
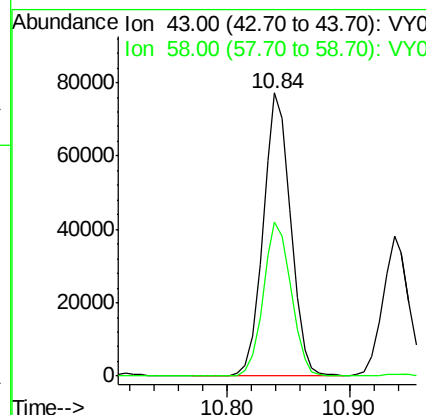
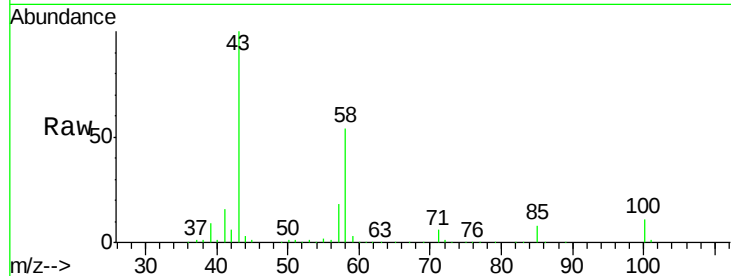
#59
2-Hexanone
Concen: 103.688 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. -0.01 min
Lab File: VY001936.D
Acq: 11 Mar 2020 12:36

Instrument :
MSVOA_Y
ClientSampleId :
VY0311SBS01

Tot Ion: 43 Resp: 120487
Ion Ratio Lower Upper
43 100
58 55.2 28.1 84.3

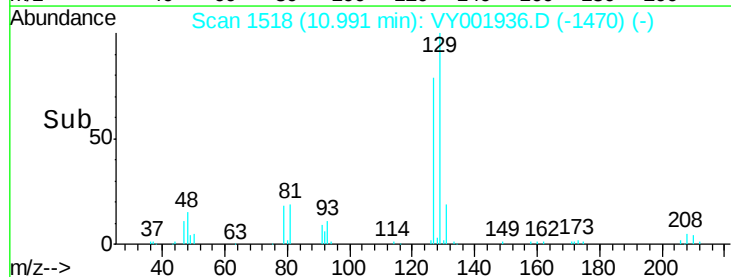
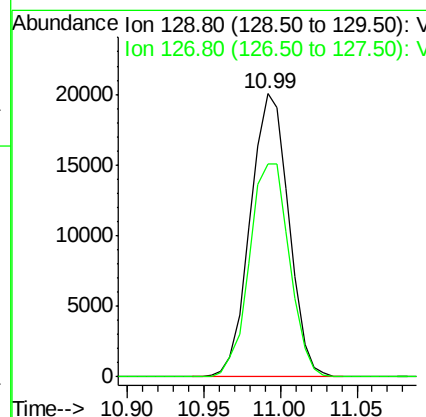
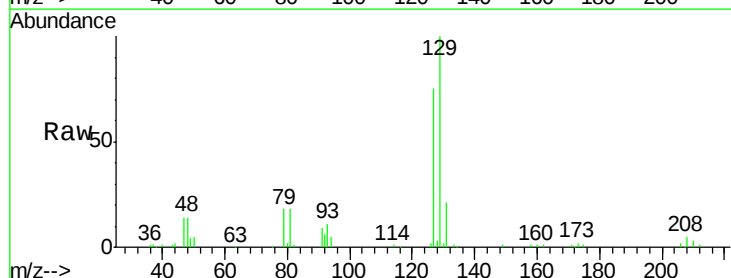
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#60
Dibromochloromethane
Concen: 20.647 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. -0.01 min
Lab File: VY001936.D
Acq: 11 Mar 2020 12:36

Tgt Ion: 129 Resp: 35118
Ion Ratio Lower Upper
129 100
127 78.2 39.0 117.0





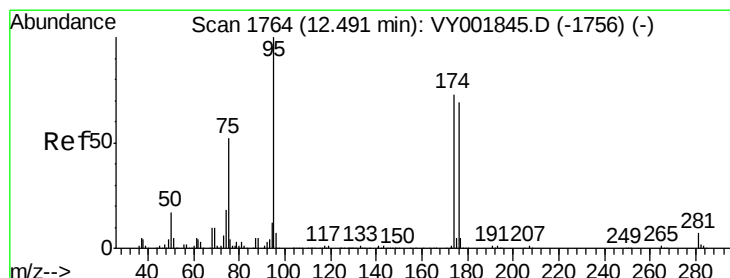
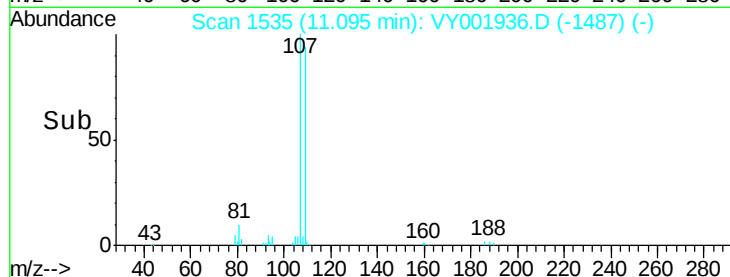
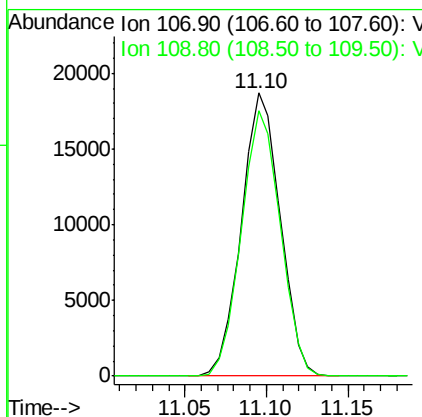
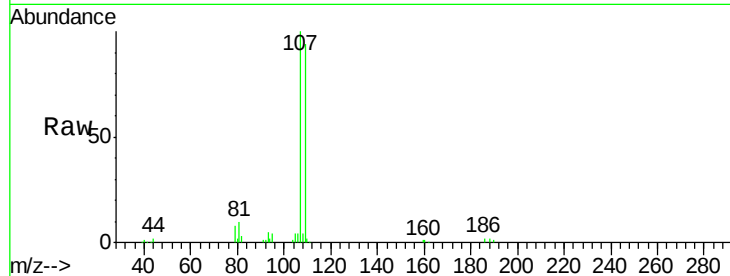
#61
 1,2-Dibromoethane
 Concen: 20.310 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. -0.01 min
 Lab File: VY001936.D
 Acq: 11 Mar 2020 12:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0311SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.0	75.4	113.0

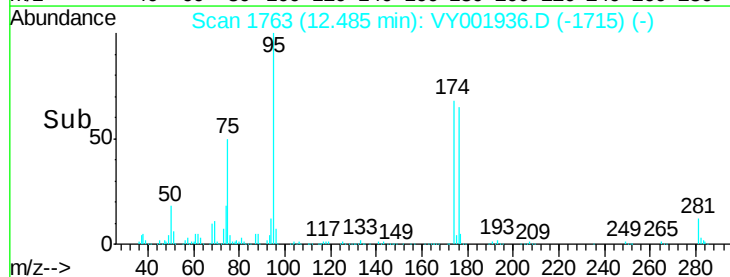
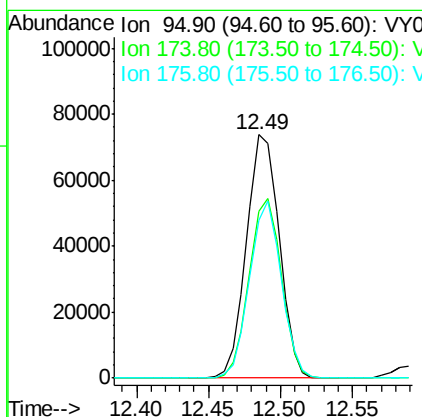
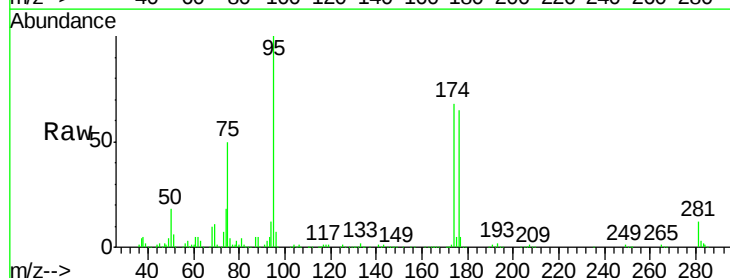
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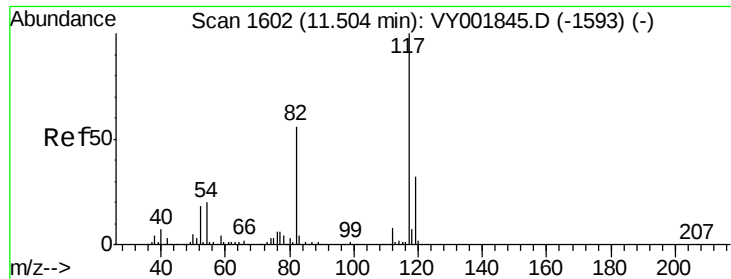
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#62
 4-Bromofluorobenzene
 Concen: 48.696 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. -0.01 min
 Lab File: VY001936.D
 Acq: 11 Mar 2020 12:36

Tgt Ion	Ratio	Lower	Upper
95	100		
174	72.5	0.0	145.0
176	70.1	0.0	137.4





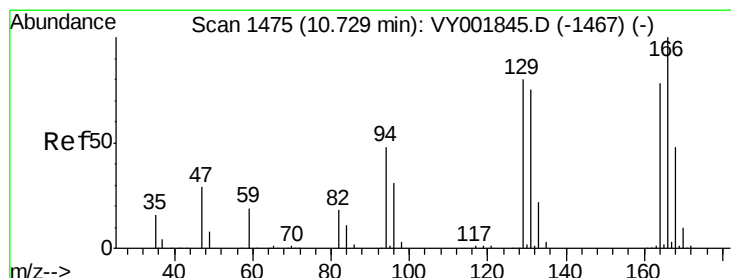
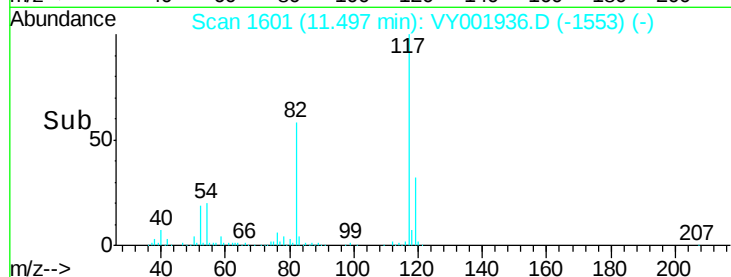
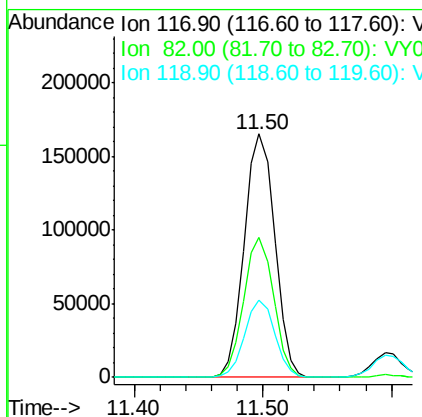
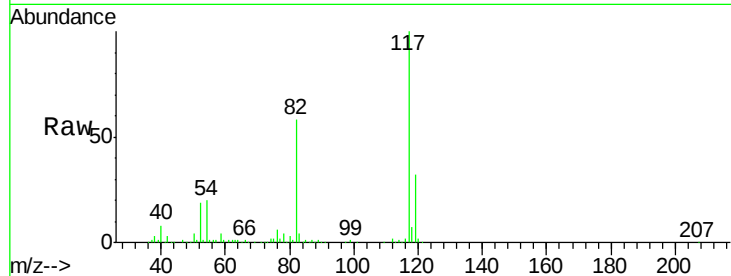
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001936.D
Acq: 11 Mar 2020 12:36

Instrument :
MSVOA_Y
ClientSampleId :
VY0311SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	270118		
82	57.6	44.5	66.7	
119	31.9	25.7	38.5	

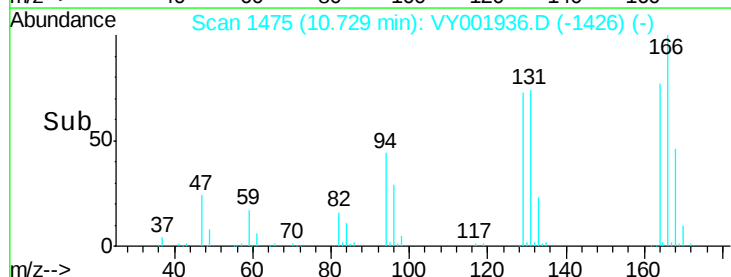
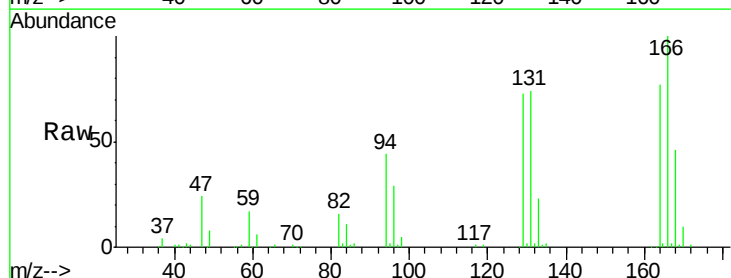
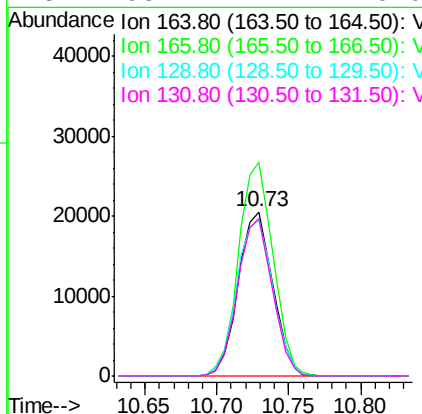
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#64
Tetrachloroethene
Concen: 20.241 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. 0.00 min
Lab File: VY001936.D
Acq: 11 Mar 2020 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	34288		
166	129.9	102.6	154.0	
129	95.3	82.3	123.5	
131	95.7	77.4	116.0	





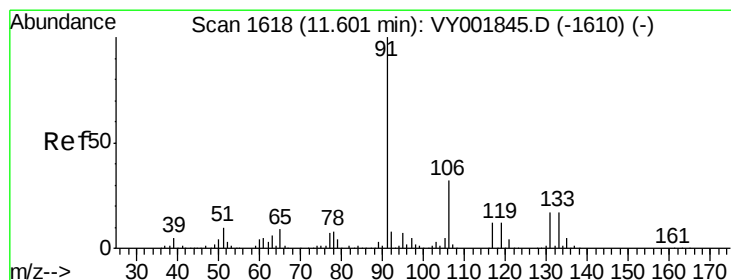
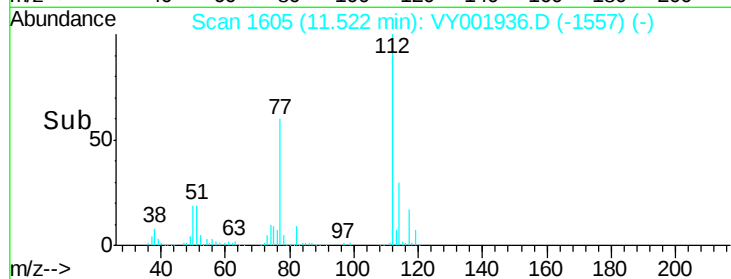
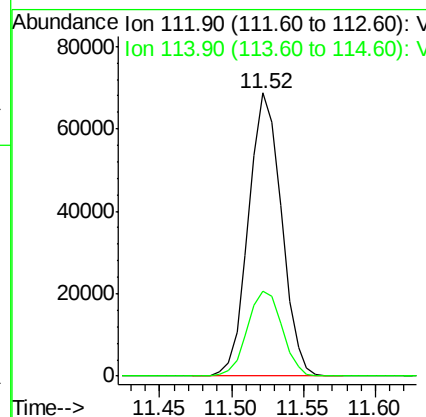
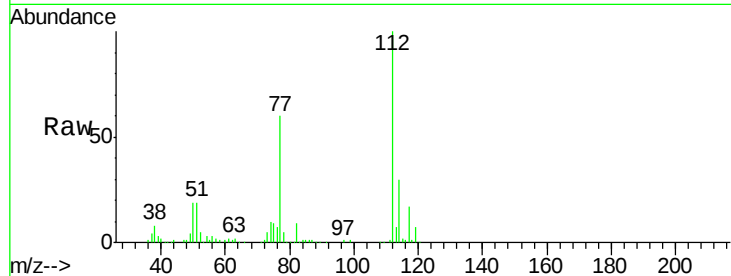
#65
Chlorobenzene
Concen: 20.175 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. -0.01 min
Lab File: VY001936.D
Acq: 11 Mar 2020 12:36

Instrument :
MSVOA_Y
ClientSampleId :
VY0311SBS01

Tot Ion	Ratio	Resp	Lower	Upper
112	100	108587		
114	30.1	25.9	38.9	

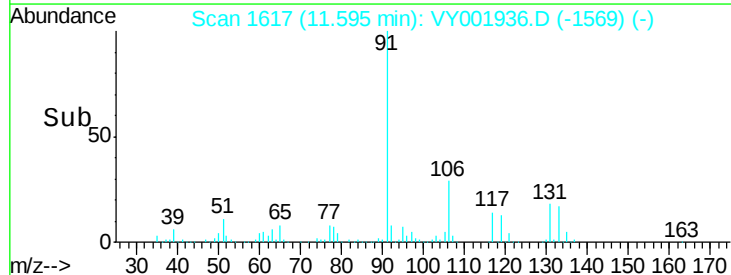
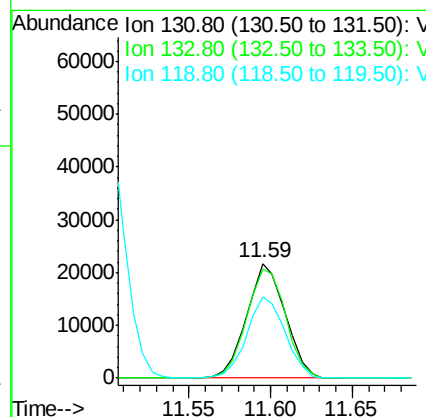
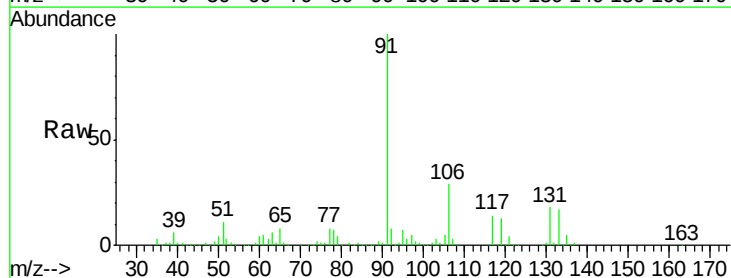
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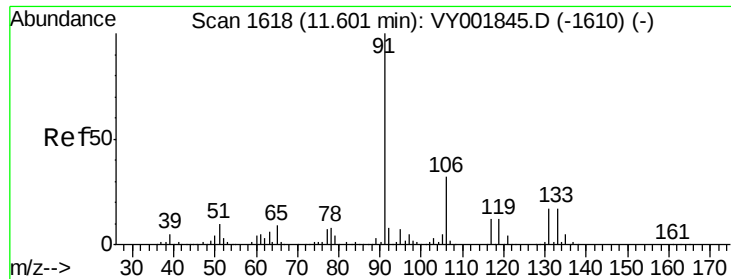
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.263 ug/l
RT: 11.59 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY001936.D
Acq: 11 Mar 2020 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	35765		
133	96.2	47.1	141.3	
119	70.1	34.5	103.6	





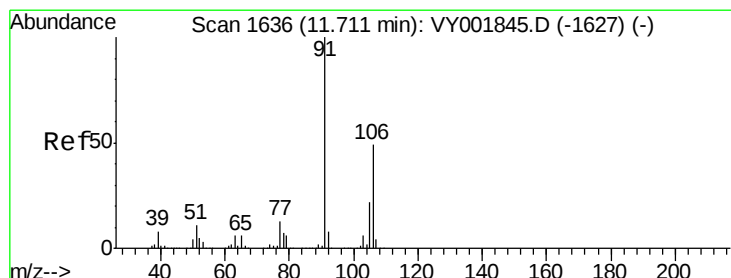
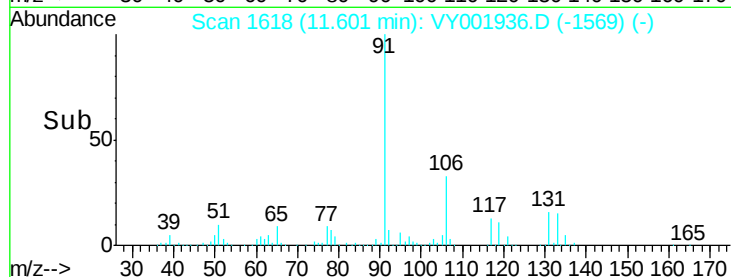
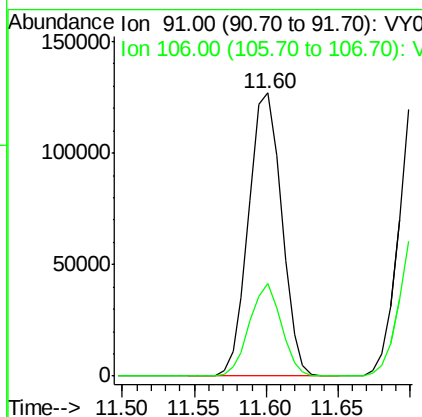
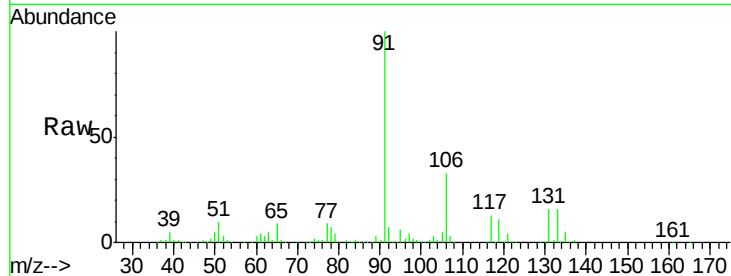
#67
Ethyl Benzene
Concen: 20.126 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY001936.D
Acq: 11 Mar 2020 12:36

Instrument :
MSVOA_Y
ClientSampleId :
VY0311SBS01

Tot Ion: 91 Resp: 202017
Ion Ratio Lower Upper
91 100
106 32.6 25.4 38.2

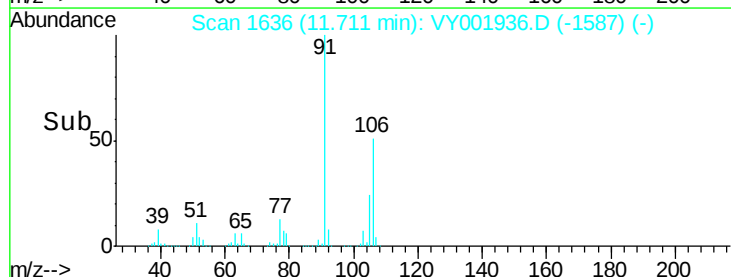
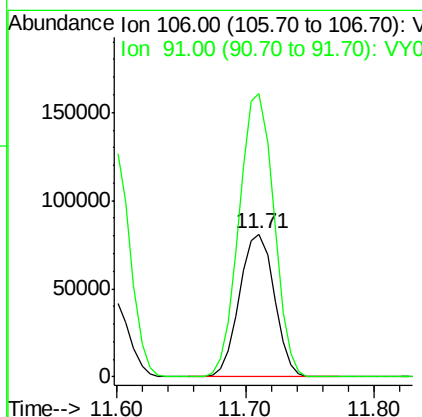
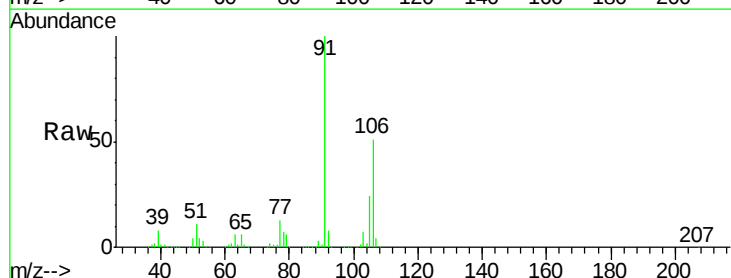
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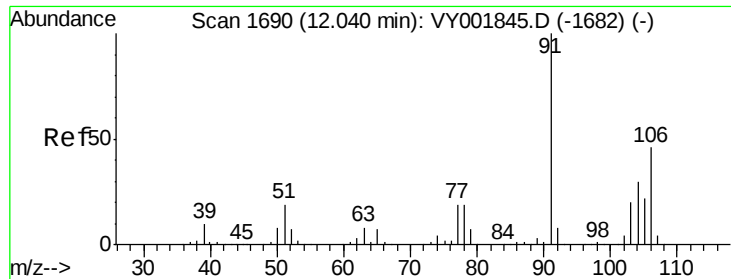
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#68
m/p-Xylenes
Concen: 40.888 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VY001936.D
Acq: 11 Mar 2020 12:36

Tgt Ion: 106 Resp: 151740
Ion Ratio Lower Upper
106 100
91 198.1 161.3 241.9





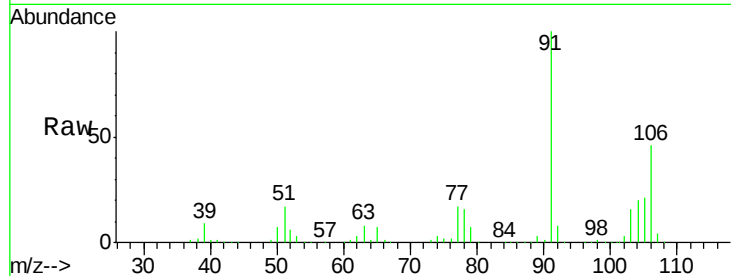
#69
o-Xylene
Concen: 20.076 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.01 min
Lab File: VY001936.D
Acq: 11 Mar 2020 12:36

Instrument :
MSVOA_Y
ClientSampleId :
VY0311SBS01

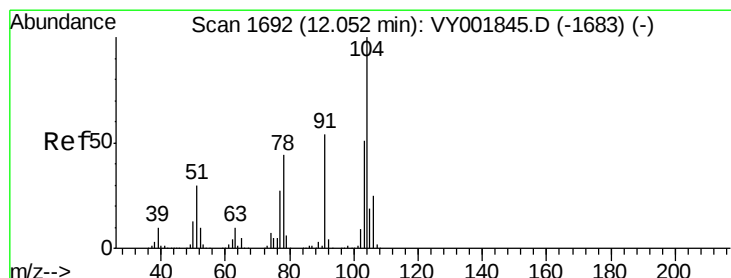
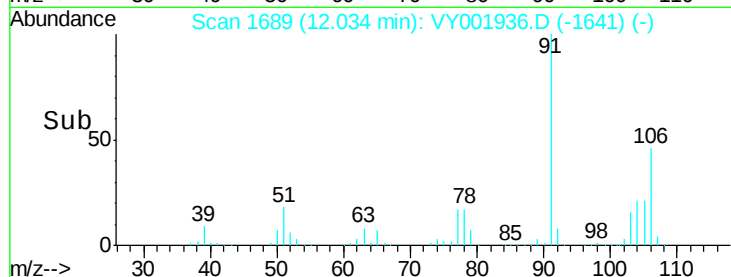
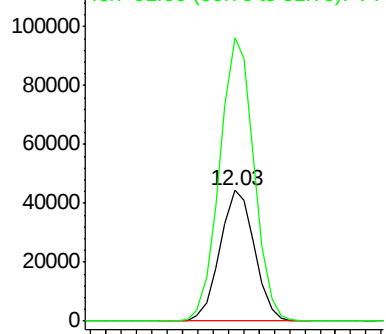
Tot Ion:106 Resp: 70220
Ion Ratio Lower Upper
106 100
91 213.6 106.8 320.4

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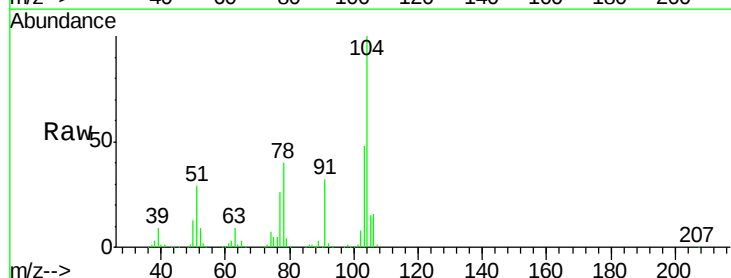


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

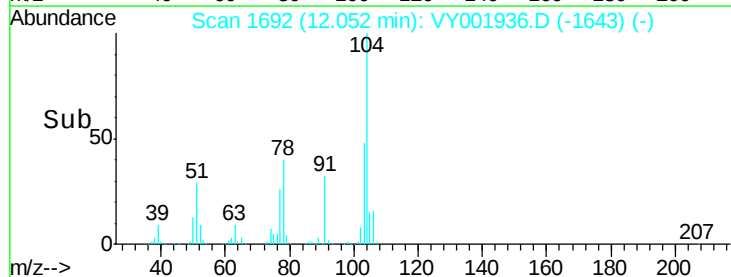
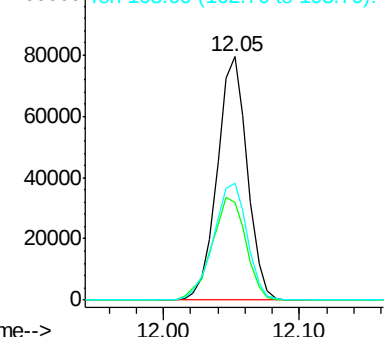


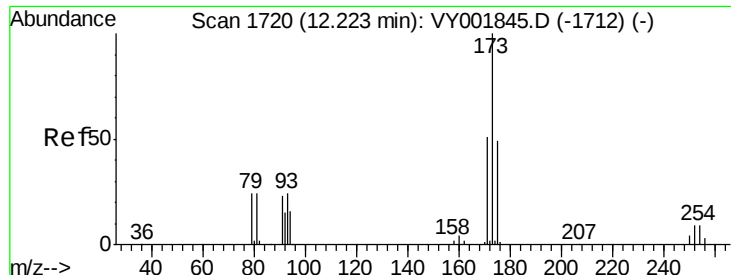
#70
Styrene
Concen: 20.488 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VY001936.D
Acq: 11 Mar 2020 12:36

Tgt Ion:104 Resp: 122739
Ion Ratio Lower Upper
104 100
78 47.7 38.5 57.7
103 54.0 42.9 64.3



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VY0
Ion 103.00 (102.70 to 103.70): V





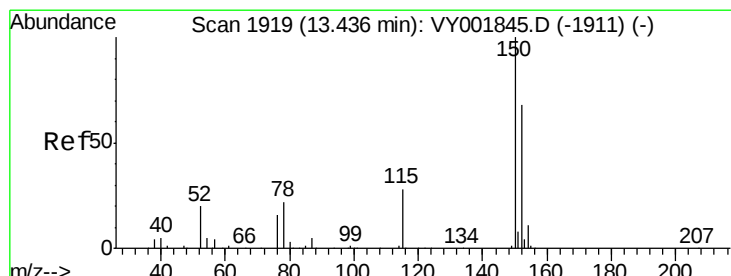
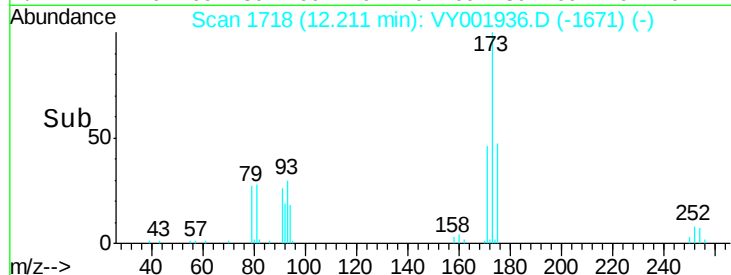
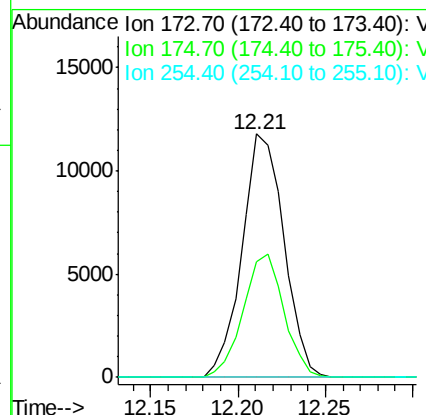
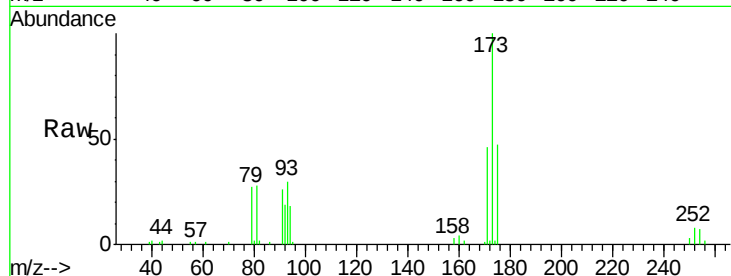
#71
Bromoform
Concen: 20.467 ug/l
RT: 12.21 min Scan# 1718
Delta R.T. -0.01 min
Lab File: VY001936.D
Acq: 11 Mar 2020 12:36

Instrument :
MSVOA_Y
ClientSampleId :
VY0311SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.6	24.3	72.8
254	0.0	0.0	0.0

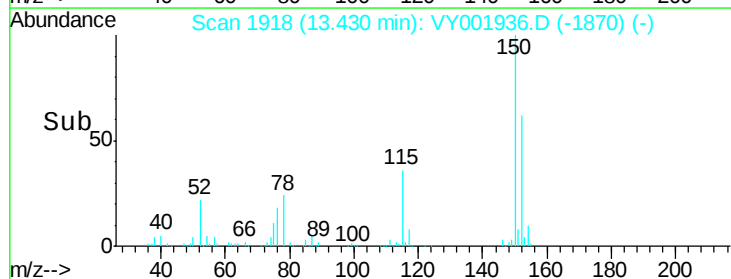
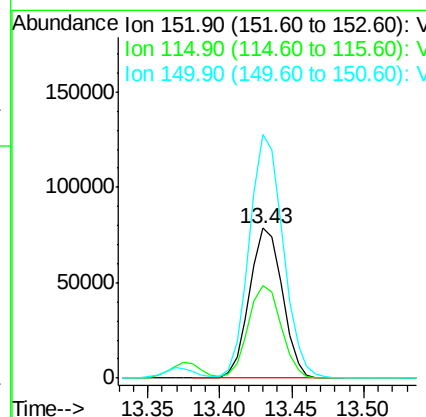
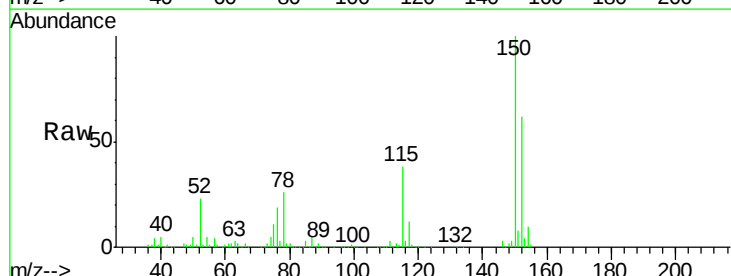
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VY001936.D
Acq: 11 Mar 2020 12:36

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.0	29.9	89.7
150	167.0	0.0	340.6





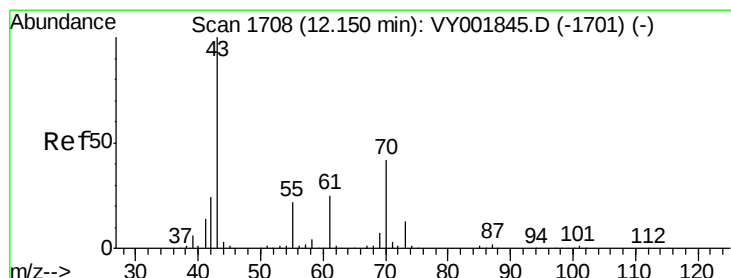
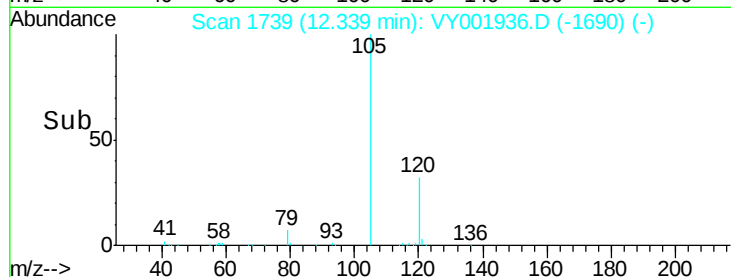
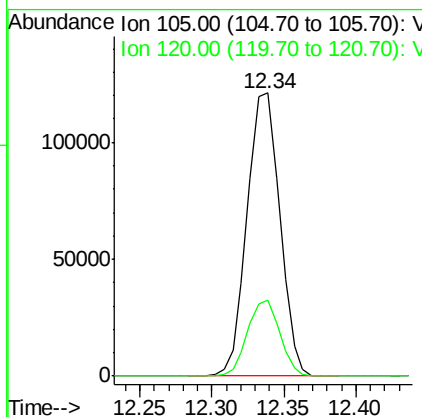
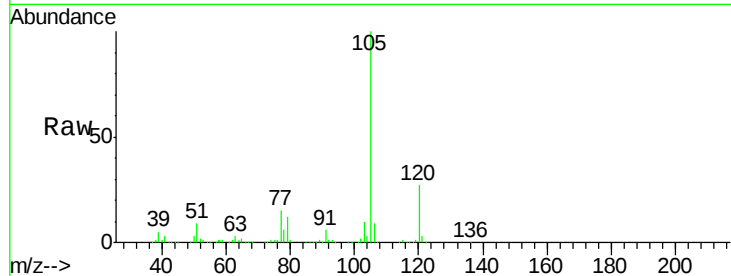
#73
Isopropylbenzene
Concen: 20.136 ug/l
RT: 12.34 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VY001936.D
Acq: 11 Mar 2020 12:36

Instrument :
MSVOA_Y
ClientSampleId :
VY0311SBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	190774		
120	26.4	13.1	39.3	

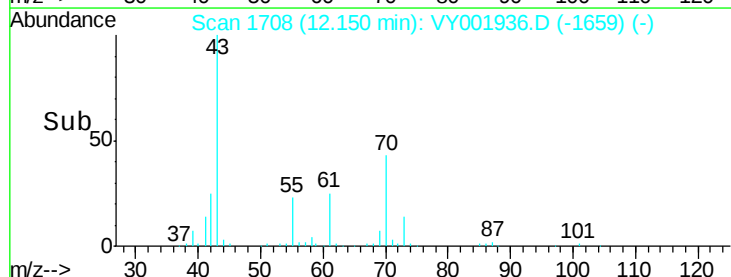
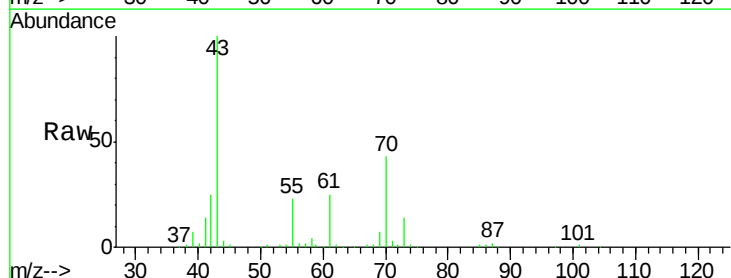
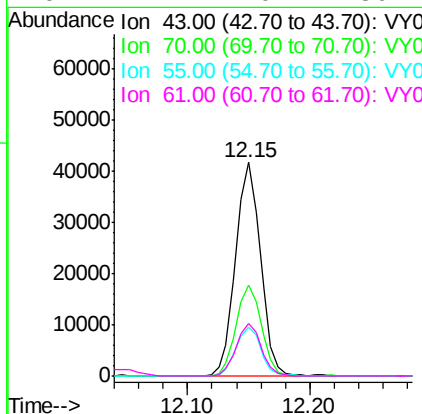
Manual Integrations
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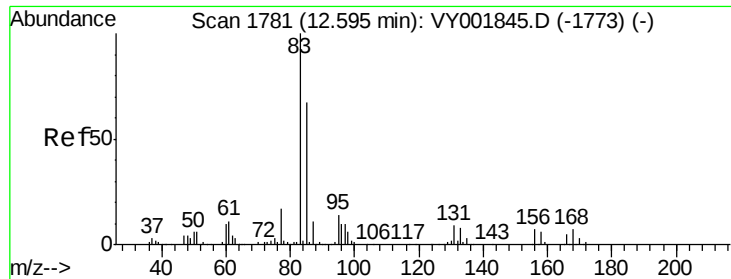
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#74
N-ethyl acetate
Concen: 20.299 ug/l
RT: 12.15 min Scan# 1708
Delta R.T. 0.00 min
Lab File: VY001936.D
Acq: 11 Mar 2020 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	59107		
70	43.1	34.7	52.1	
55	23.1	18.2	27.4	
61	24.2	20.1	30.1	





#75

1,1,2,2-Tetrachloroethane

Concen: 20.093 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. -0.01 min

Lab File: VY001936.D

Acq: 11 Mar 2020 12:36

Instrument :

MSVOA_Y

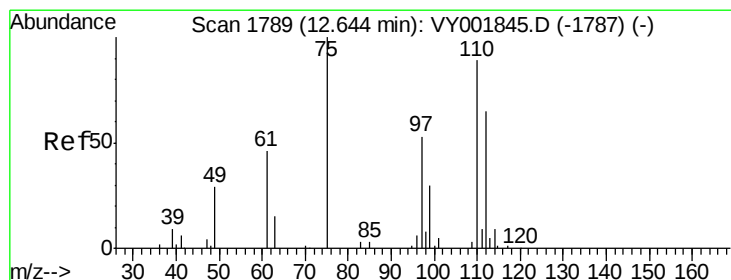
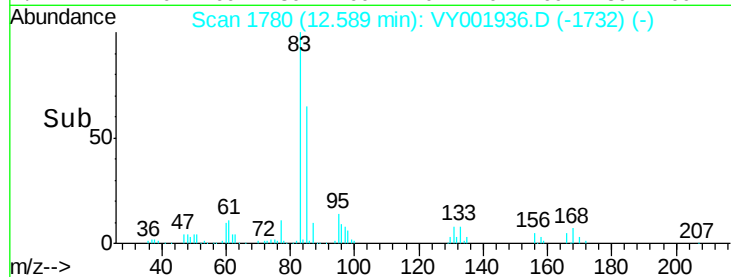
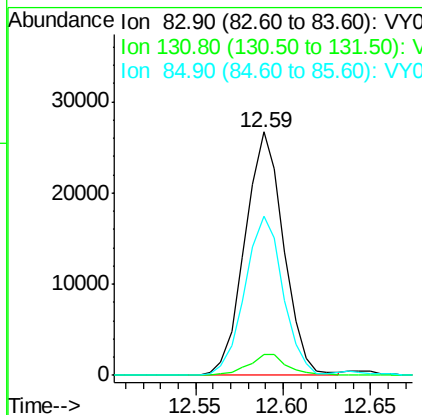
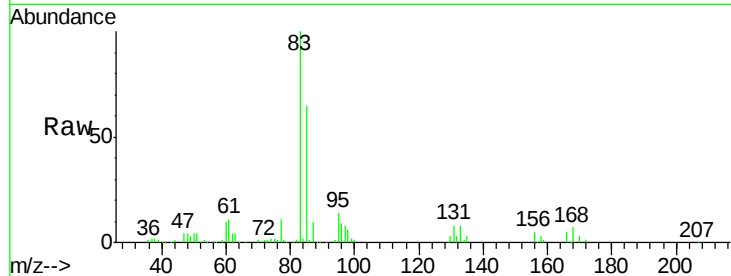
ClientSampleId :

VY0311SBS01

Tot Ion:	83	Resp:	41052
Ion Ratio	Lower	Upper	
83	100		
131	8.9	4.6	13.8
85	64.6	32.1	96.3

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#76

1,2,3-Trichloropropane

Concen: 20.720 ug/l m

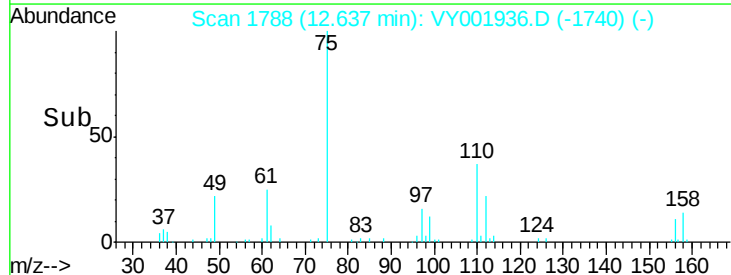
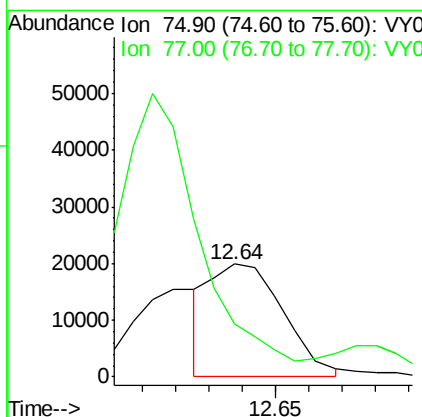
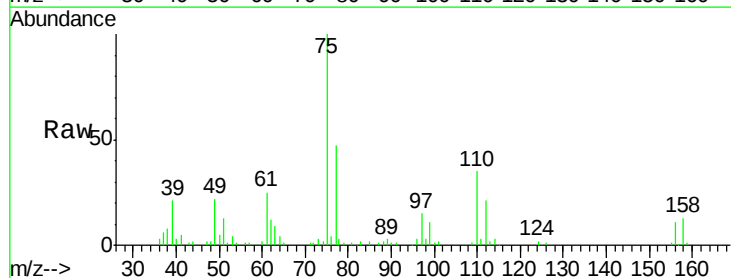
RT: 12.64 min Scan# 1788

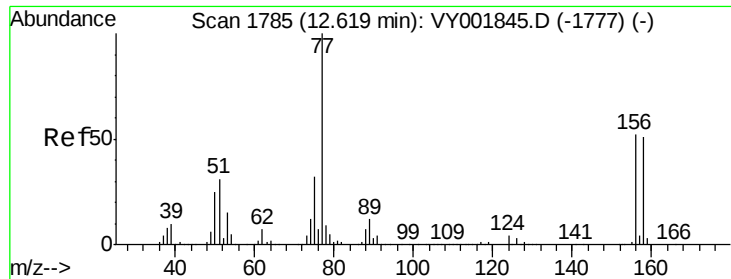
Delta R.T. -0.01 min

Lab File: VY001936.D

Acq: 11 Mar 2020 12:36

Tgt Ion:	75	Resp:	30514
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





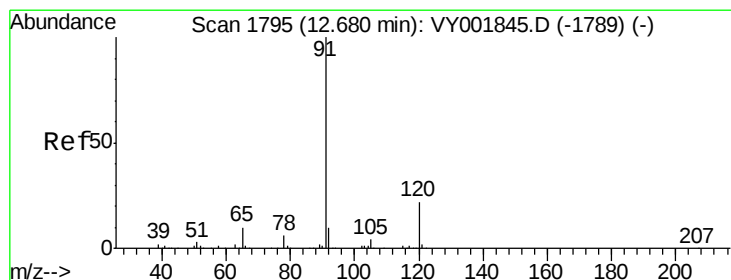
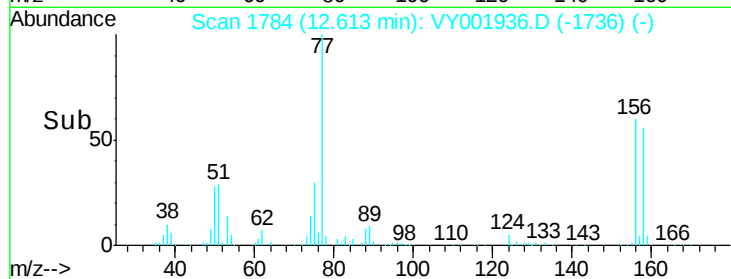
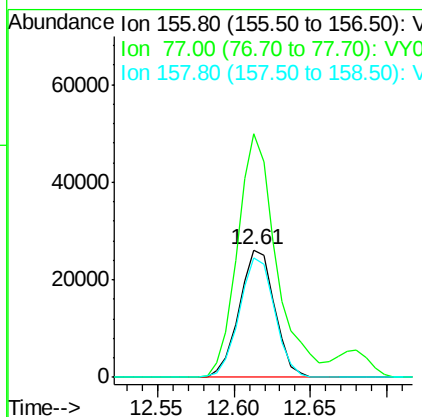
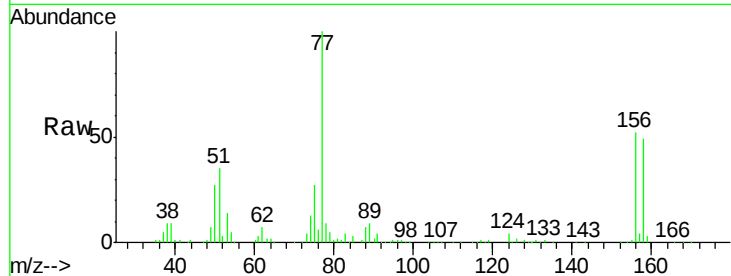
#77
Bromobenzene
Concen: 20.782 ug/l
RT: 12.61 min Scan# 1784
Delta R.T. -0.01 min
Lab File: VY001936.D
Acq: 11 Mar 2020 12:36

Instrument :
MSVOA_Y
ClientSampleId :
VY0311SBS01

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	209.6	109.0	327.0	
158	93.9	48.9	146.8	

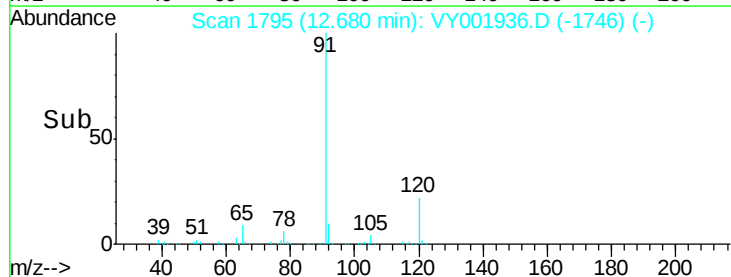
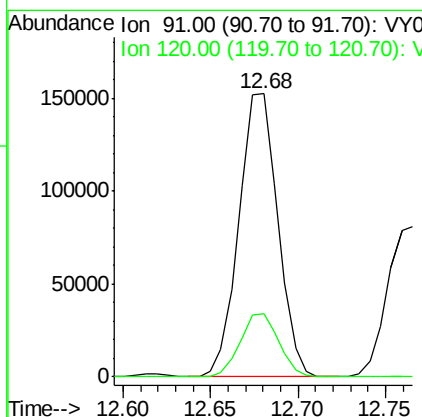
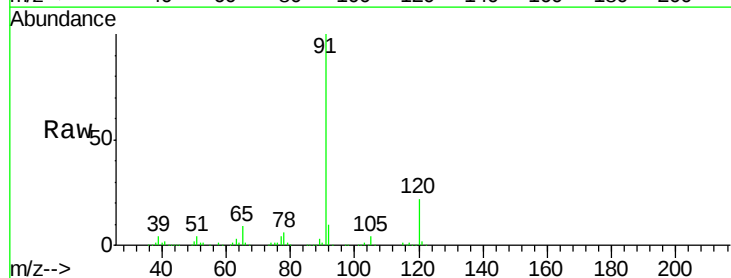
Manual Integrations
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#78
n-propylbenzene
Concen: 20.200 ug/l
RT: 12.68 min Scan# 1795
Delta R.T. 0.00 min
Lab File: VY001936.D
Acq: 11 Mar 2020 12:36

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	22.1	11.0	33.0	





#79

2-Chlorotoluene

Concen: 20.014 ug/l

RT: 12.77 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VY001936.D

Acq: 11 Mar 2020 12:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0311SBS01

Tot Ion: 91 Resp: 129247

Ion Ratio Lower Upper

91 100

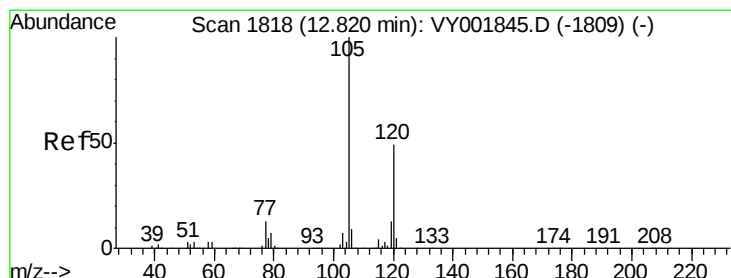
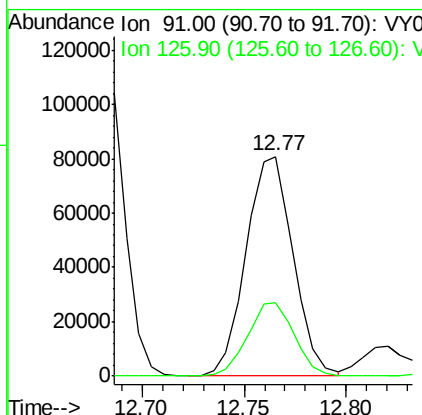
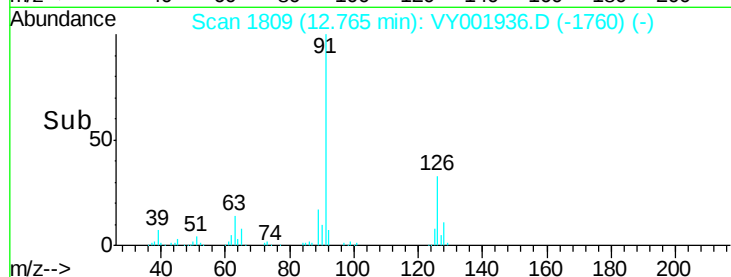
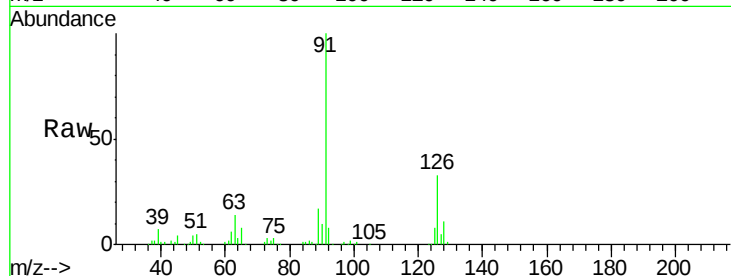
126 33.3 16.3 48.8

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 20.172 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VY001936.D

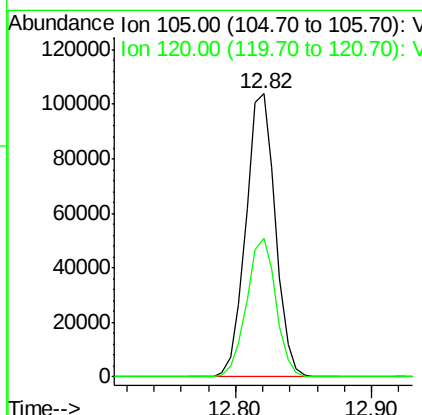
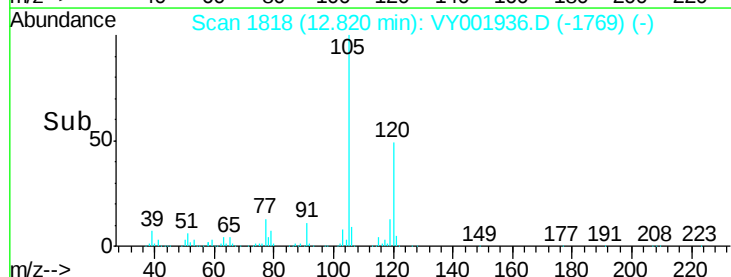
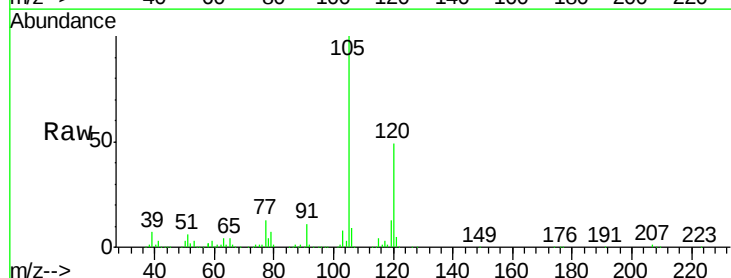
Acq: 11 Mar 2020 12:36

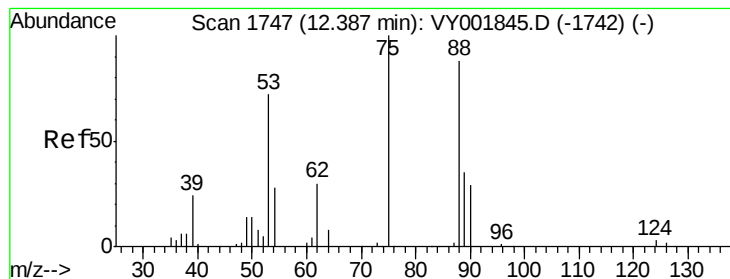
Tgt Ion: 105 Resp: 157335

Ion Ratio Lower Upper

105 100

120 48.8 24.4 73.2





#81

trans-1,4-Dichloro-2-butene

Concen: 19.806 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VY001936.D

Acq: 11 Mar 2020 12:36

Instrument :

MSVOA_Y

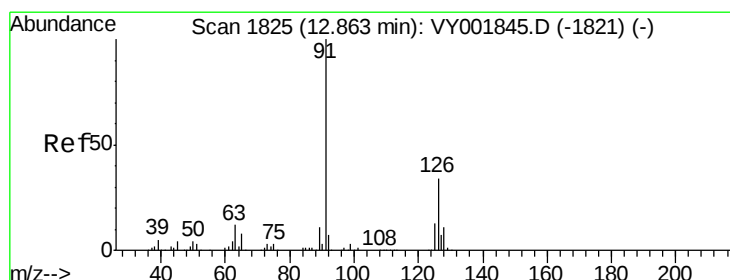
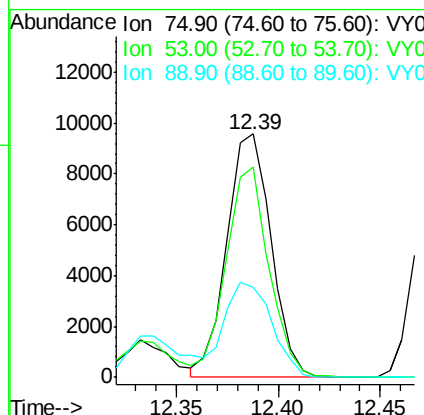
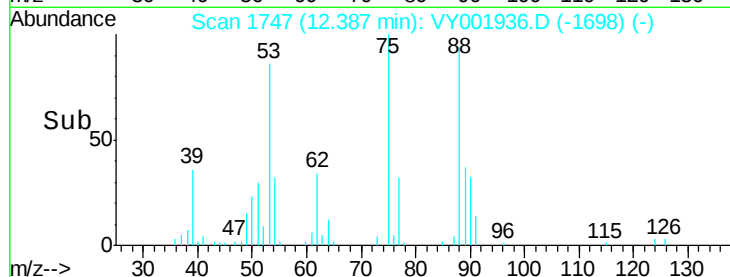
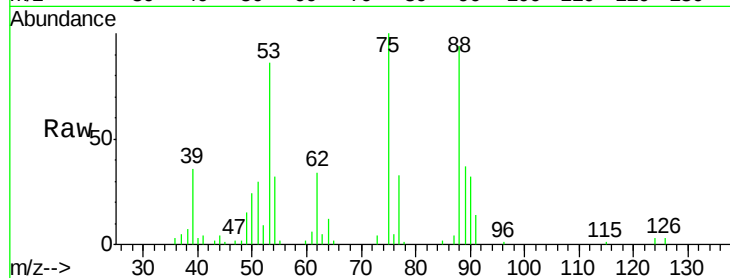
ClientSampleId :

VY0311SBS01

Tot Ion:	75	Resp:	14440
Ion	Ratio	Lower	Upper
75	100		
53	83.7	65.4	98.0
89	41.5	36.0	54.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 20.397 ug/l

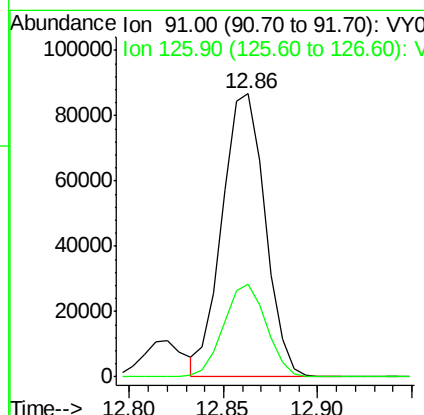
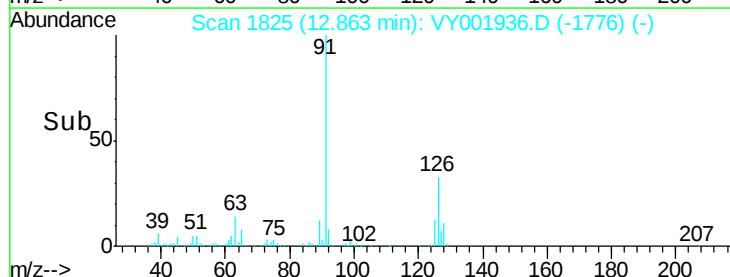
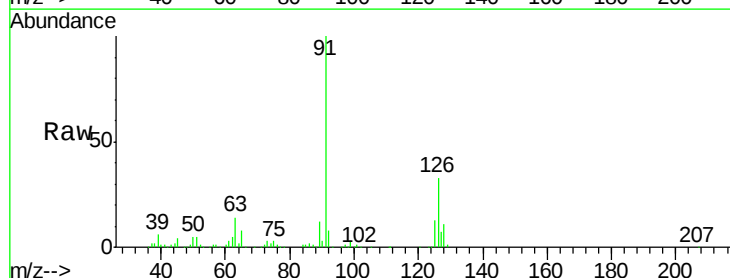
RT: 12.86 min Scan# 1825

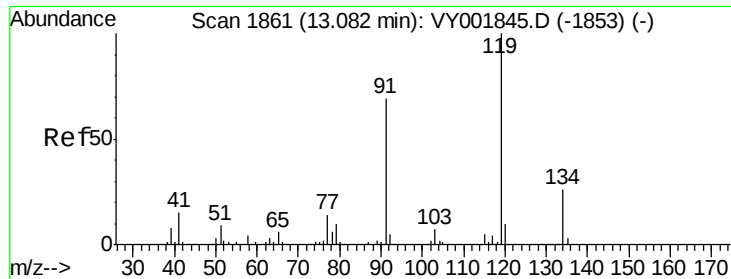
Delta R.T. 0.00 min

Lab File: VY001936.D

Acq: 11 Mar 2020 12:36

Tgt Ion:	91	Resp:	137143
Ion	Ratio	Lower	Upper
91	100		
126	32.5	16.4	49.2





#83

tert-Butylbenzene

Concen: 20.316 ug/l

RT: 13.08 min Scan# 1861

Delta R.T. 0.00 min

Lab File: VY001936.D

Acq: 11 Mar 2020 12:36

Instrument :

MSVOA_Y

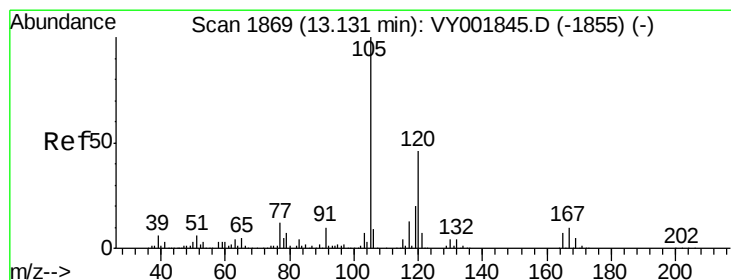
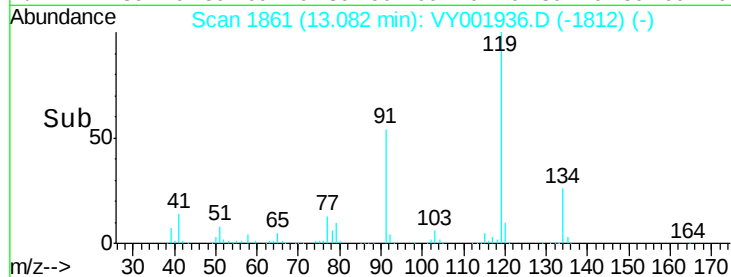
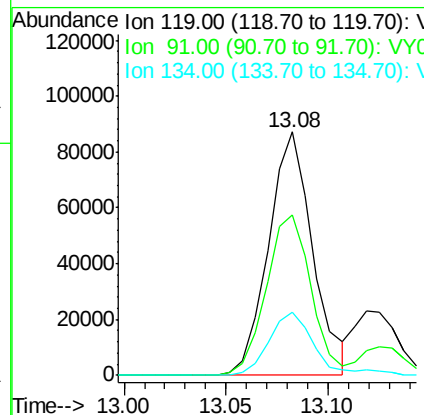
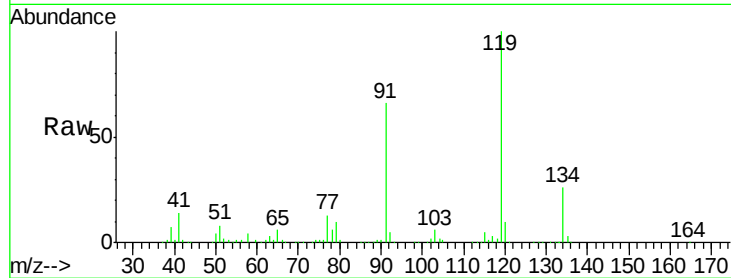
ClientSampleId :

VY0311SBS01

Tot Ion:	119	Resp:	131609
Ion Ratio	Lower	Upper	
119	100		
91	66.6	34.0	101.8
134	27.0	13.5	40.4

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#84

1,2,4-Trimethylbenzene

Concen: 20.578 ug/l

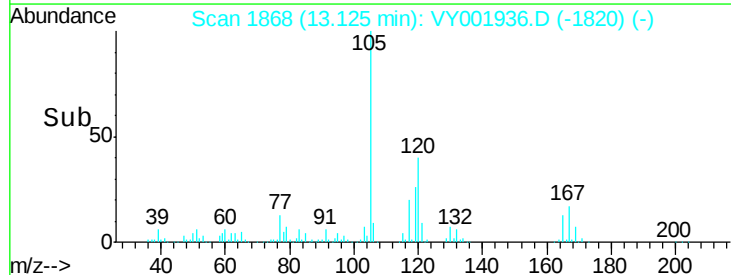
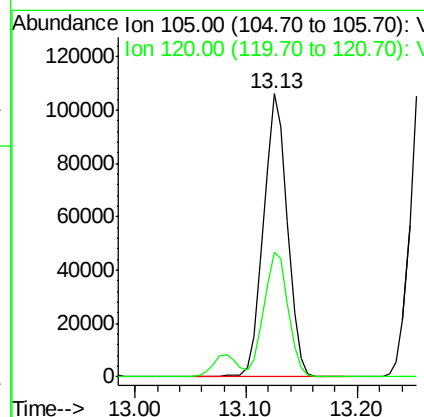
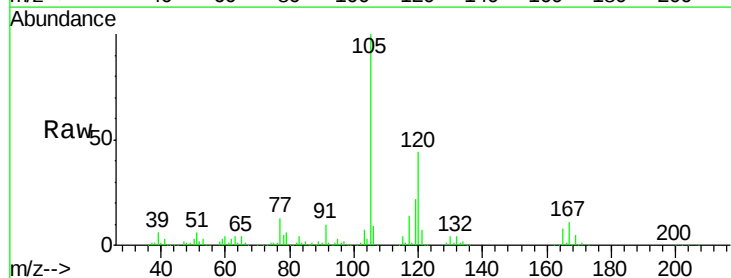
RT: 13.13 min Scan# 1868

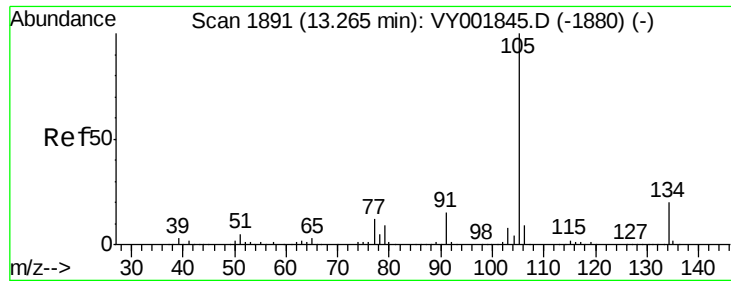
Delta R.T. -0.01 min

Lab File: VY001936.D

Acq: 11 Mar 2020 12:36

Tgt Ion:	105	Resp:	159281
Ion Ratio	Lower	Upper	
105	100		
120	44.6	22.6	67.7





#85

sec-Butylbenzene

Concen: 20.412 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. -0.01 min

Lab File: VY001936.D

Acq: 11 Mar 2020 12:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0311SBS01

Tot Ion:105 Resp: 194913

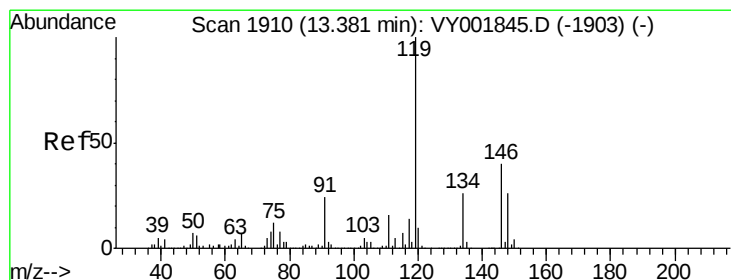
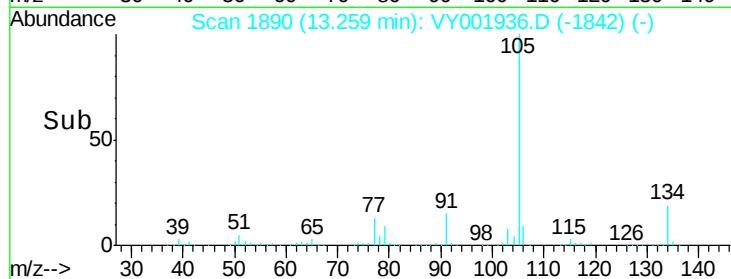
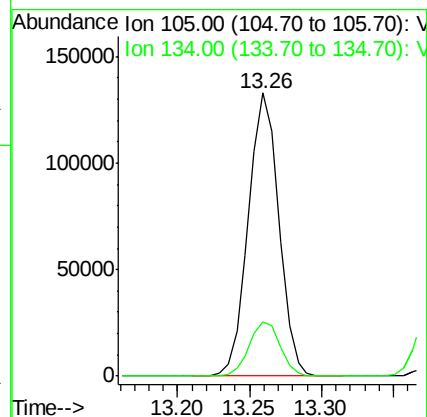
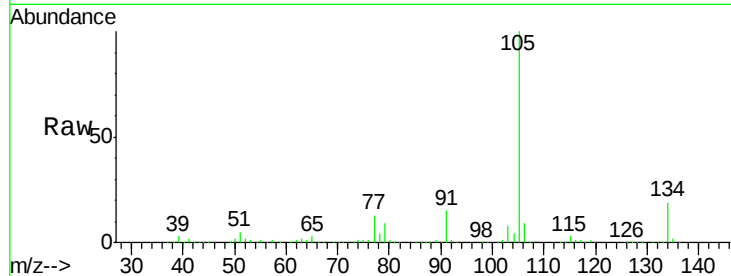
Ion Ratio Lower Upper

105 100

134 19.5 9.7 29.1

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#86

p-Isopropyltoluene

Concen: 20.614 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. -0.01 min

Lab File: VY001936.D

Acq: 11 Mar 2020 12:36

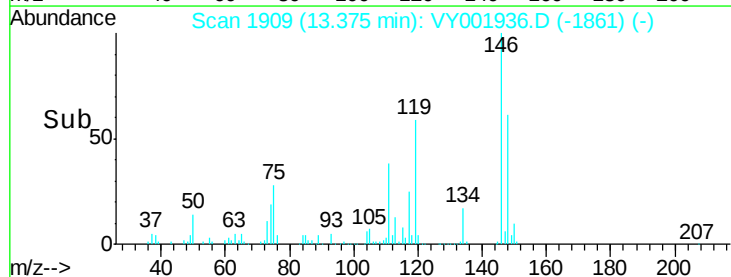
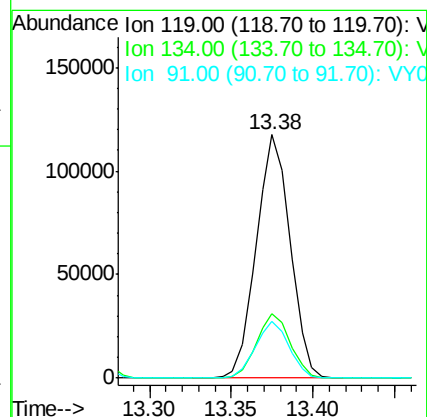
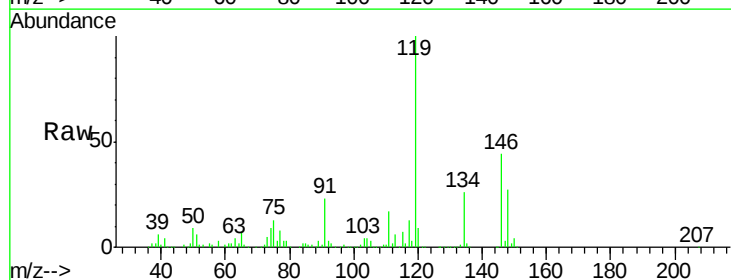
Tgt Ion:119 Resp: 169800

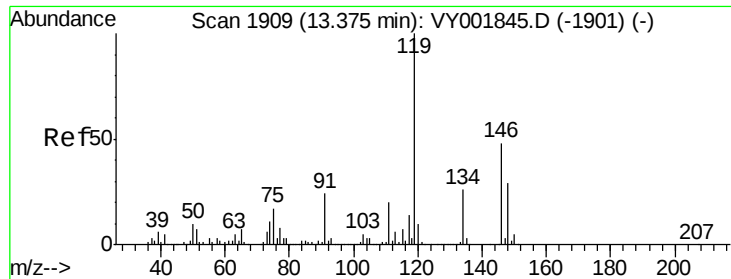
Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.3

91 23.3 11.9 35.7





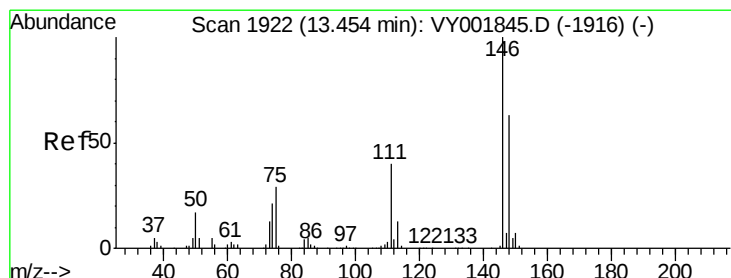
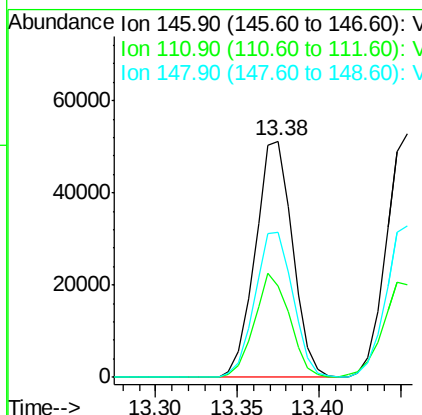
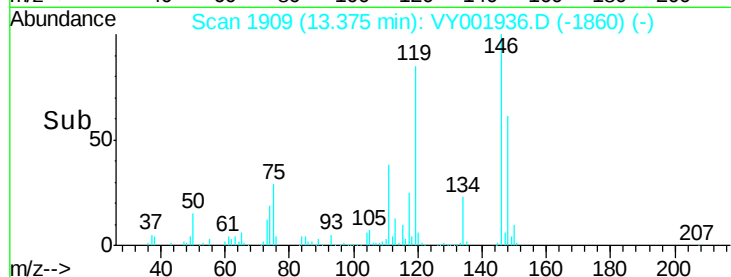
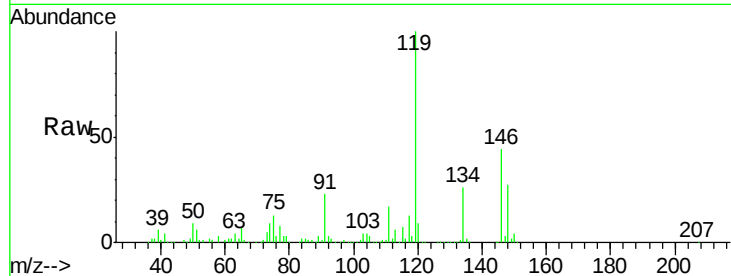
#87
 1,3-Dichlorobenzene
 Concen: 20.695 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. 0.00 min
 Lab File: VY001936.D
 Acq: 11 Mar 2020 12:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0311SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.5	20.8	62.5
148	62.7	31.4	94.0

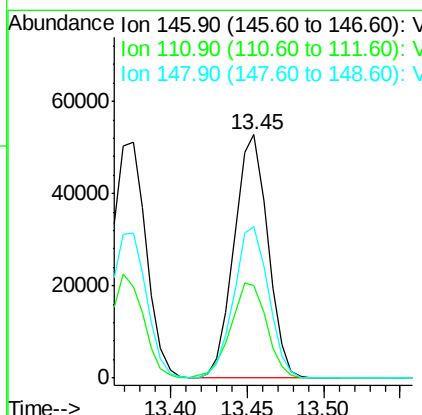
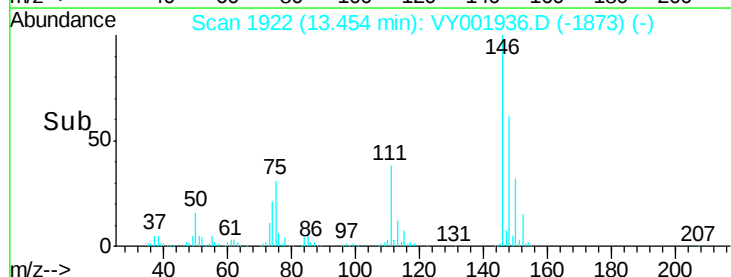
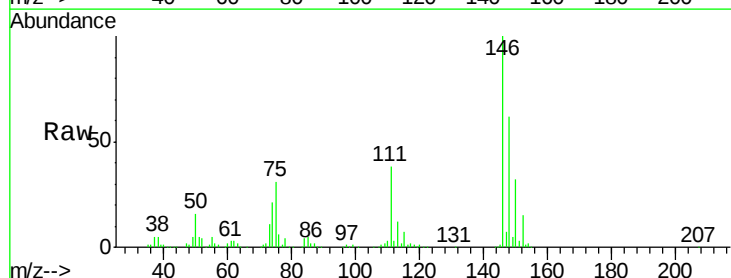
Manual Integrations
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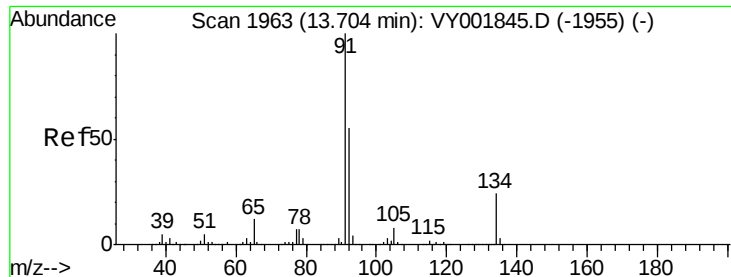
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#88
 1,4-Dichlorobenzene
 Concen: 20.257 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VY001936.D
 Acq: 11 Mar 2020 12:36

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.7	20.0	60.0
148	64.2	31.5	94.5





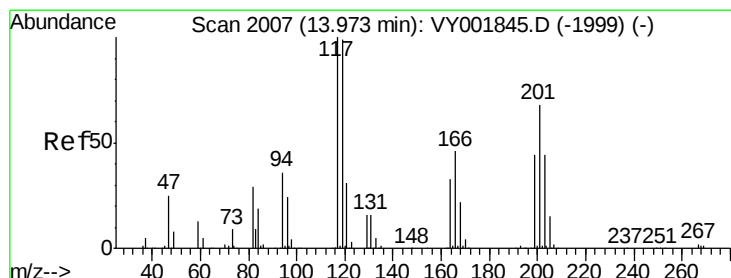
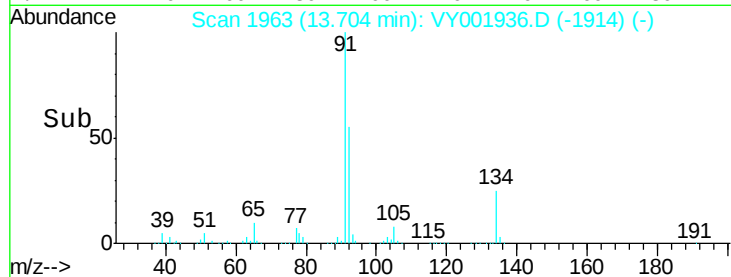
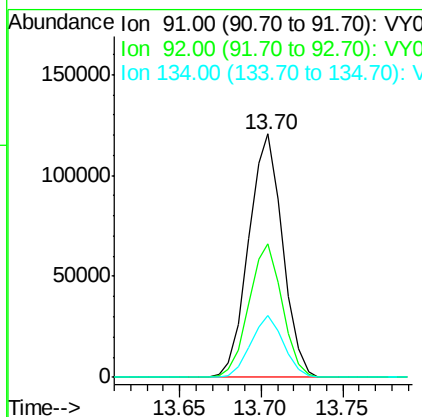
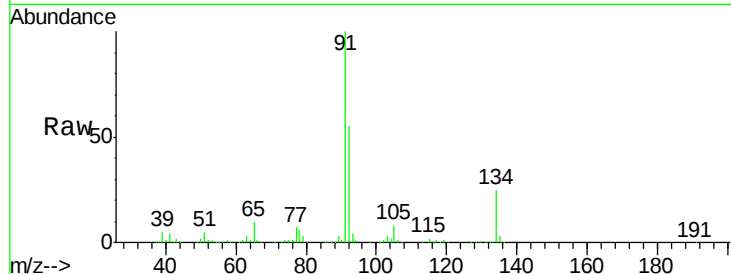
#89
n-Butylbenzene
Concen: 20.366 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VY001936.D
Acq: 11 Mar 2020 12:36

Instrument :
MSVOA_Y
ClientSampleId :
VY0311SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.0	27.5	82.4
134	24.5	12.5	37.5

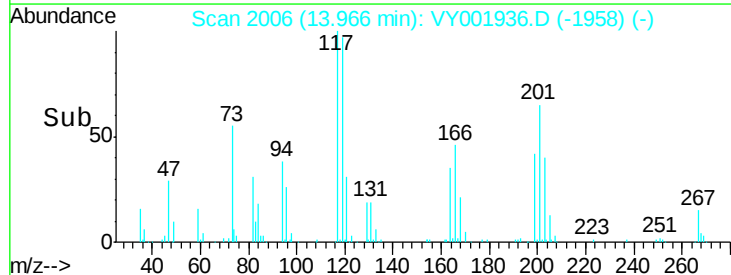
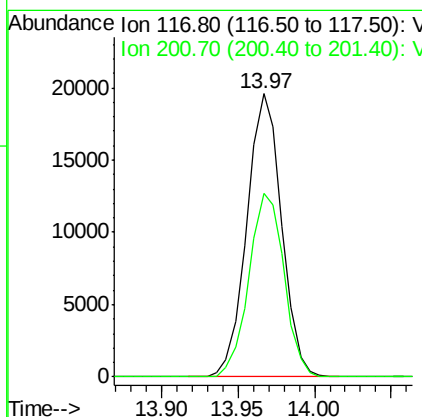
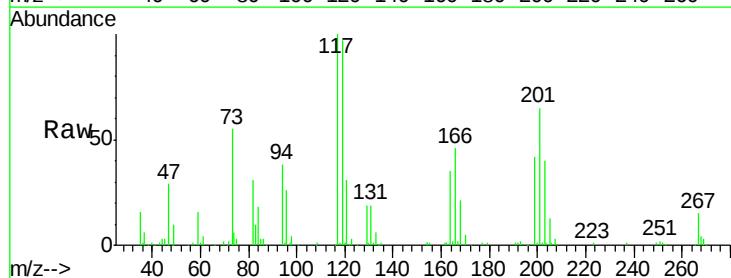
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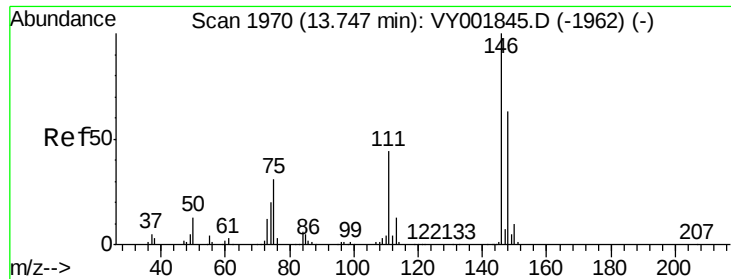
MMDadoda
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#90
Hexachloroethane
Concen: 19.929 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. -0.01 min
Lab File: VY001936.D
Acq: 11 Mar 2020 12:36

Tgt Ion	Ratio	Lower	Upper
117	100		
201	65.4	32.5	97.5





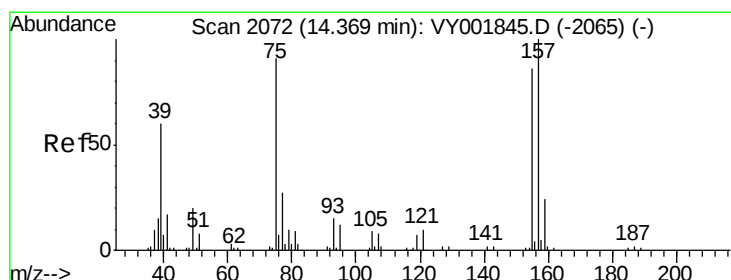
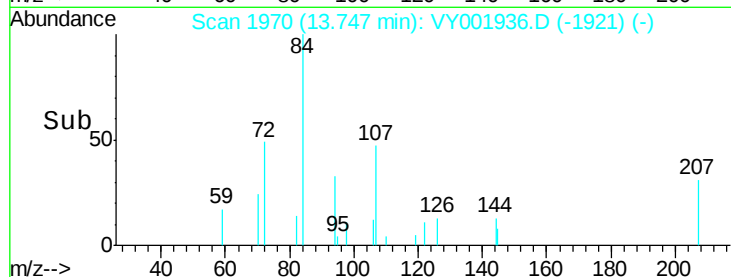
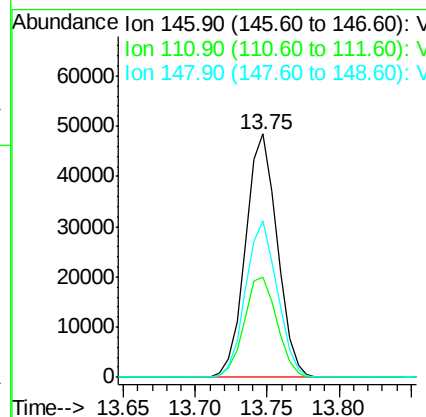
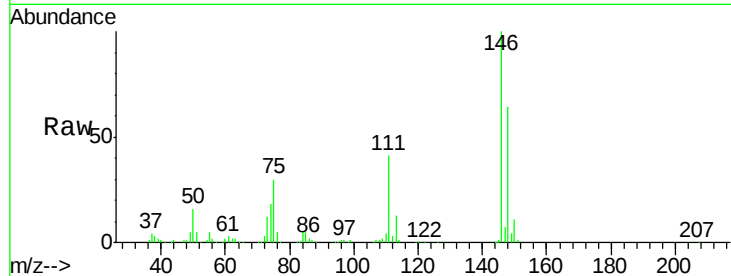
#91
 1,2-Dichlorobenzene
 Concen: 20.684 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: VY001936.D
 Acq: 11 Mar 2020 12:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0311SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.5	21.5	64.5
148	64.1	32.0	96.0

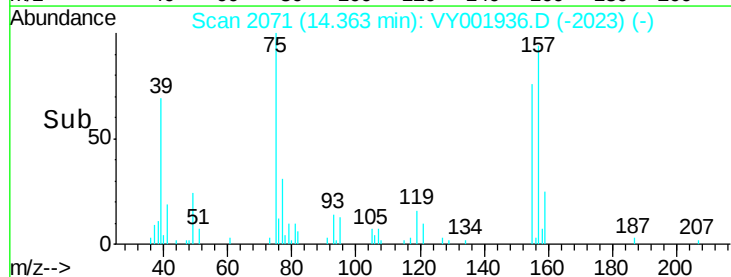
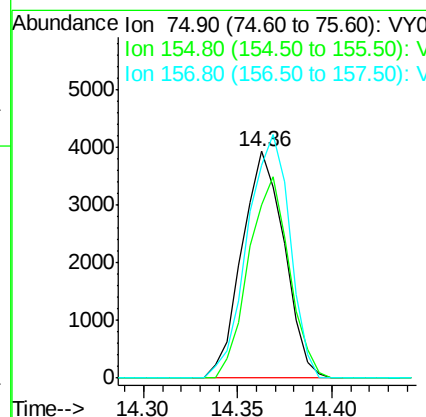
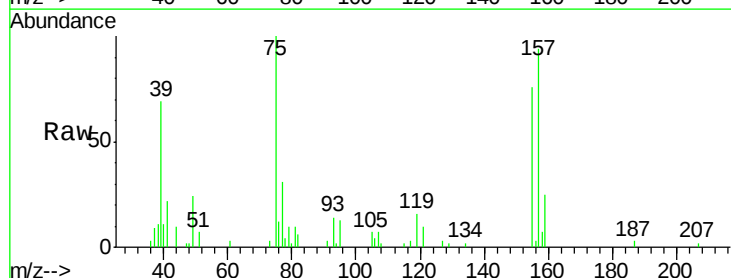
Manual Integrations
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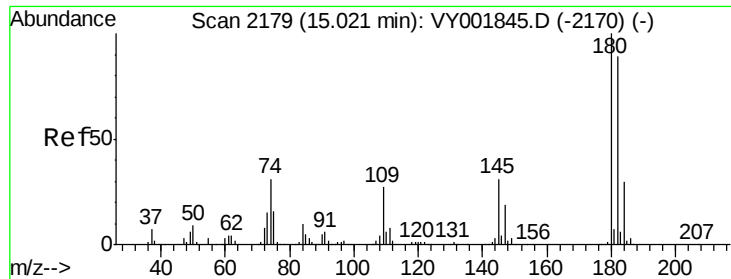
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.300 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VY001936.D
 Acq: 11 Mar 2020 12:36

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.2	42.9	128.7
157	107.6	53.1	159.4





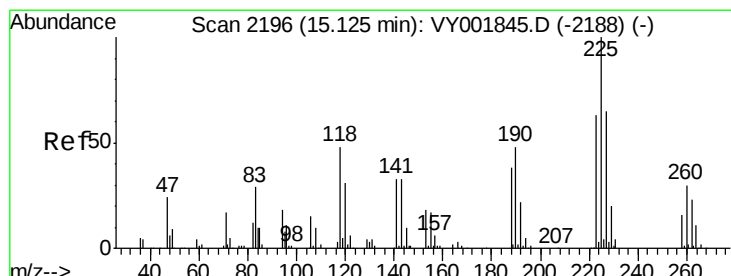
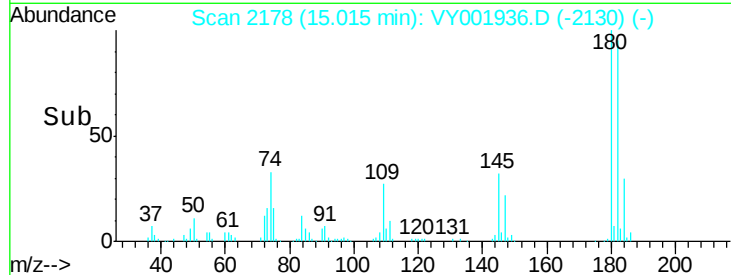
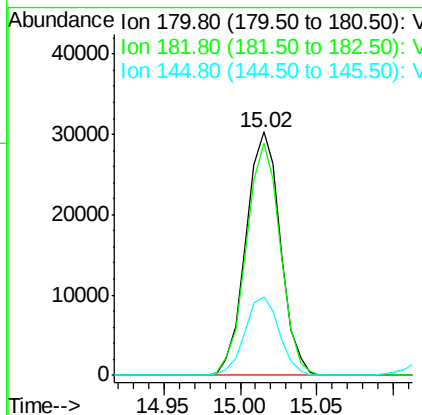
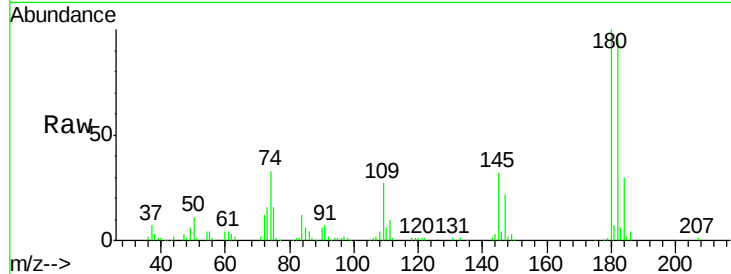
#93
 1,2,4-Trichlorobenzene
 Concen: 20.542 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. -0.01 min
 Lab File: VY001936.D
 Acq: 11 Mar 2020 12:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0311SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.2	46.1	138.3
145	32.0	15.6	46.8

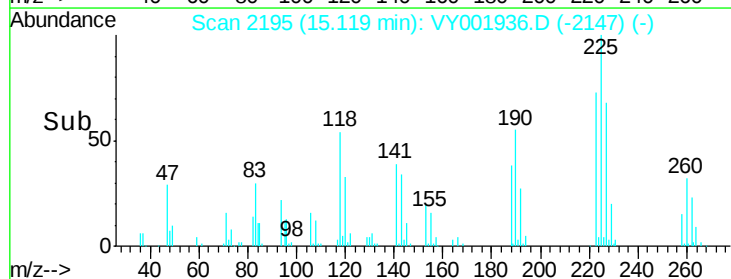
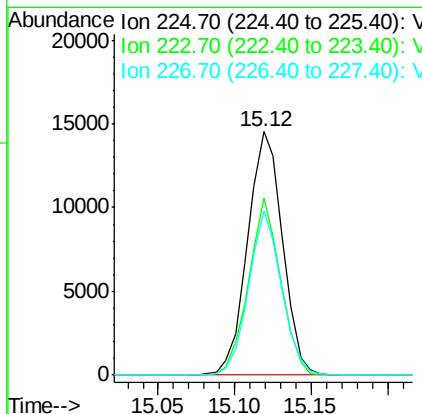
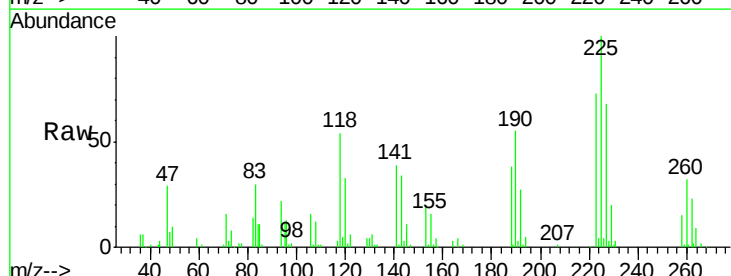
Manual Integrations
 APPROVED

MMDadoda
 3/12/2020 2:46:13 PM



#94
 Hexachlorobutadiene
 Concen: 20.432 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. -0.01 min
 Lab File: VY001936.D
 Acq: 11 Mar 2020 12:36

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.3	31.5	94.5
227	63.2	31.9	95.5





#95

Naphthalene

Concen: 19.780 ug/l

RT: 15.25 min Scan# 2216

Delta R.T. 0.00 min

Lab File: VY001936.D

Acq: 11 Mar 2020 12:36

Instrument :

MSVOA_Y

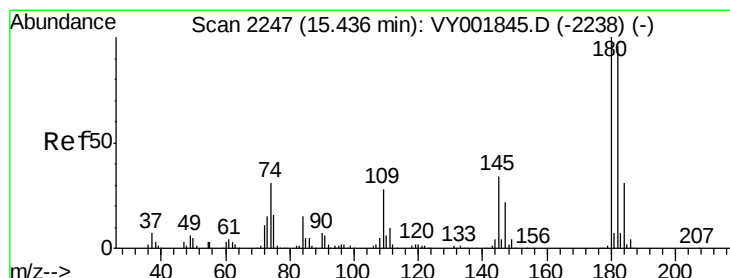
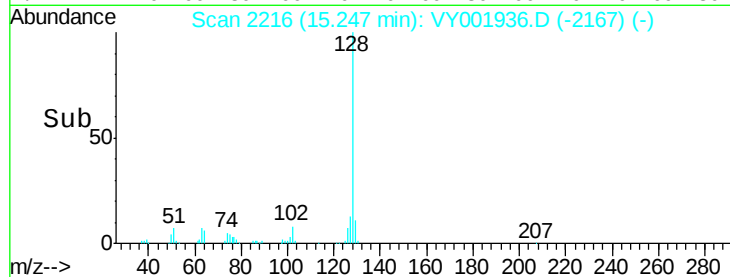
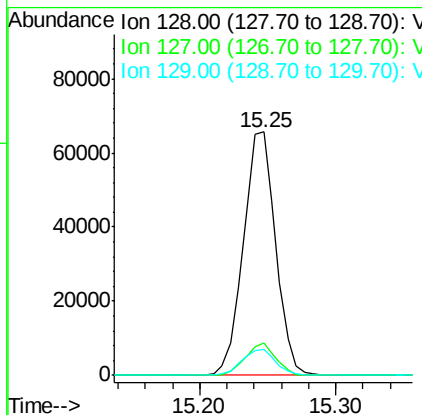
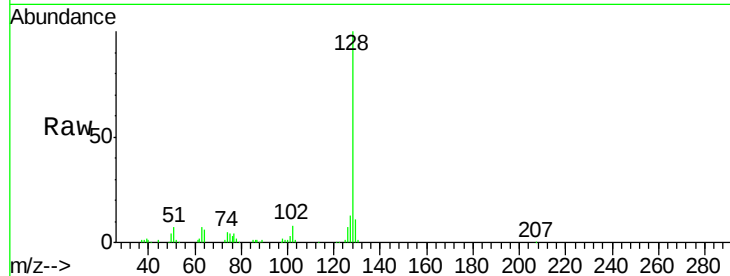
ClientSampleId :

VY0311SBS01

Tot Ion:	128	Resp:	108728
Ion Ratio	Lower	Upper	
128	100		
127	12.5	10.1	15.1
129	11.2	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
3/12/2020 2:46:13 PM



#96

1,2,3-Trichlorobenzene

Concen: 20.844 ug/l

RT: 15.43 min Scan# 2246

Delta R.T. -0.01 min

Lab File: VY001936.D

Acq: 11 Mar 2020 12:36

Tgt Ion:	180	Resp:	42554
Ion Ratio	Lower	Upper	
180	100		
182	91.8	47.6	142.9
145	32.2	16.8	50.3

