

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021120\
 Data File : VY001595.D
 Acq On : 11 Feb 2020 11:59
 Operator : SY/MD
 Sample : VY0211SBSD01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0211SBSD01

Manual Integrations
 APPROVED

MMDadoda
 2/12/2020 3:12:22 PM

Quant Time: Feb 12 08:08:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 15:10:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	196240	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	345304	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	308172	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	147967	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	102419	51.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.68%	
35) Dibromofluoromethane	7.74	113	96209	48.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.64%	
50) Toluene-d8	10.19	98	396535	52.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.28%	
62) 4-Bromofluorobenzene	12.49	95	145892	49.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	31678	16.491	ug/l	93
3) Chloromethane	2.12	50	42905	21.370	ug/l	97
4) Vinyl Chloride	2.26	62	43871	21.044	ug/l	99
5) Bromomethane	2.66	94	29837	22.758	ug/l	94
6) Chloroethane	2.80	64	27834	22.150	ug/l	99
7) Trichlorofluoromethane	3.14	101	58874	17.061	ug/l	99
8) Diethyl Ether	3.55	74	22342	19.187	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.92	101	37167	17.901	ug/l	98
10) Methyl Iodide	4.11	142	43502	16.444	ug/l	99
11) Tert butyl alcohol	4.97	59	29616	115.036	ug/l #	95
12) 1,1-Dichloroethene	3.89	96	37106	17.985	ug/l	94
13) Acrolein	3.75	56	18421	98.460	ug/l	99
14) Allyl chloride	4.50	41	64084	20.304	ug/l	98
15) Acrylonitrile	5.19	53	57707	108.100	ug/l	99
16) Acetone	3.97	43	57988	101.460	ug/l	96
17) Carbon Disulfide	4.21	76	118579	18.054	ug/l	98
18) Methyl Acetate	4.50	43	28778	23.595	ug/l	95
19) Methyl tert-butyl Ether	5.25	73	102063	18.601	ug/l	96
20) Methylene Chloride	4.74	84	46681	17.817	ug/l	94
21) trans-1,2-Dichloroethene	5.24	96	42113	18.361	ug/l	94
22) Diisopropyl ether	6.14	45	134820	21.560	ug/l	96
23) Vinyl Acetate	6.08	43	424068	106.531	ug/l	94
24) 1,1-Dichloroethane	6.04	63	72271	19.215	ug/l	96
25) 2-Butanone	7.01	43	83351	112.412	ug/l	92
26) 2,2-Dichloropropane	7.00	77	63896	17.750	ug/l	98
27) cis-1,2-Dichloroethene	7.00	96	46645	18.619	ug/l	96
28) Bromochloromethane	7.35	49	28993	22.627	ug/l	87
29) Tetrahydrofuran	7.36	42	50233	113.030	ug/l	93
30) Chloroform	7.53	83	69619	18.273	ug/l	98
31) Cyclohexane	7.80	56	76693	19.934	ug/l	94
32) 1,1,1-Trichloroethane	7.72	97	60978	17.653	ug/l	97
36) 1,1-Dichloropropene	7.94	75	58837	18.626	ug/l	99
37) Ethyl Acetate	7.10	43	33690	22.031	ug/l	97
38) Carbon Tetrachloride	7.91	117	51819	16.955	ug/l	95

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	76916	18.492	ug/l	99
40) Benzene	8.17	78	173011	19.202	ug/l	98
41) Methacrylonitrile	7.34	41	16857m	23.785	ug/l	
42) 1,2-Dichloroethane	8.25	62	46803	18.645	ug/l	100
43) Isopropyl Acetate	8.28	43	65847	21.748	ug/l	95
44) Trichloroethene	8.95	130	43551	17.932	ug/l	94
45) 1,2-Dichloropropane	9.22	63	44118	20.277	ug/l	98
46) Dibromomethane	9.31	93	23017	18.840	ug/l	99
47) Bromodichloromethane	9.50	83	54817	18.415	ug/l	96
48) Methyl methacrylate	9.30	41	29116	21.188	ug/l	95
49) 1,4-Dioxane	9.31	88	5915	366.600	ug/l	95
51) 4-Methyl-2-Pentanone	10.08	43	168228	112.823	ug/l	94
52) Toluene	10.25	92	108233	18.932	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	59409	18.323	ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	69643	18.710	ug/l	96
55) 1,1,2-Trichloroethane	10.65	97	33837	19.304	ug/l	96
56) Ethyl methacrylate	10.52	69	48457	19.436	ug/l	91
57) 1,3-Dichloropropane	10.80	76	58889	19.058	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	97453	106.254	ug/l	96
59) 2-Hexanone	10.84	43	121341	111.923	ug/l	96
60) Dibromochloromethane	10.99	129	36105	17.474	ug/l	99
61) 1,2-Dibromoethane	11.10	107	32107	18.597	ug/l	97
64) Tetrachloroethene	10.72	164	37892	18.749	ug/l	98
65) Chlorobenzene	11.52	112	110149	18.204	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.59	131	38541	18.199	ug/l	99
67) Ethyl Benzene	11.59	91	208358	18.623	ug/l	99
68) m/p-Xylenes	11.70	106	155678	37.066	ug/l	98
69) o-Xylene	12.03	106	74376	18.782	ug/l	99
70) Styrene	12.05	104	127261	18.583	ug/l	99
71) Bromoform	12.21	173	21286	18.051	ug/l #	100
73) Isopropylbenzene	12.33	105	198089	17.553	ug/l	100
74) N-amyl acetate	12.14	43	61622	21.013	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.58	83	42023	19.599	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	27356m	17.192	ug/l	
77) Bromobenzene	12.61	156	44068	18.044	ug/l	97
78) n-propylbenzene	12.67	91	242948	17.983	ug/l	100
79) 2-Chlorotoluene	12.76	91	133734	17.366	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	167151	17.587	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	15506	18.855	ug/l	98
82) 4-Chlorotoluene	12.86	91	140323	17.379	ug/l	99
83) tert-Butylbenzene	13.08	119	138614	17.254	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	167815	17.840	ug/l	99
85) sec-Butylbenzene	13.26	105	202843	17.959	ug/l	100
86) p-Isopropyltoluene	13.38	119	180729	18.158	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	85119	18.186	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	87192	18.595	ug/l	99
89) n-Butylbenzene	13.70	91	183162	18.651	ug/l	99
90) Hexachloroethane	13.97	117	32789	17.163	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	78590	18.529	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	7057	17.829	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	52366	18.321	ug/l	98
94) Hexachlorobutadiene	15.12	225	25516	17.589	ug/l	98
95) Naphthalene	15.24	128	117847	17.543	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	45358	17.977	ug/l	99

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

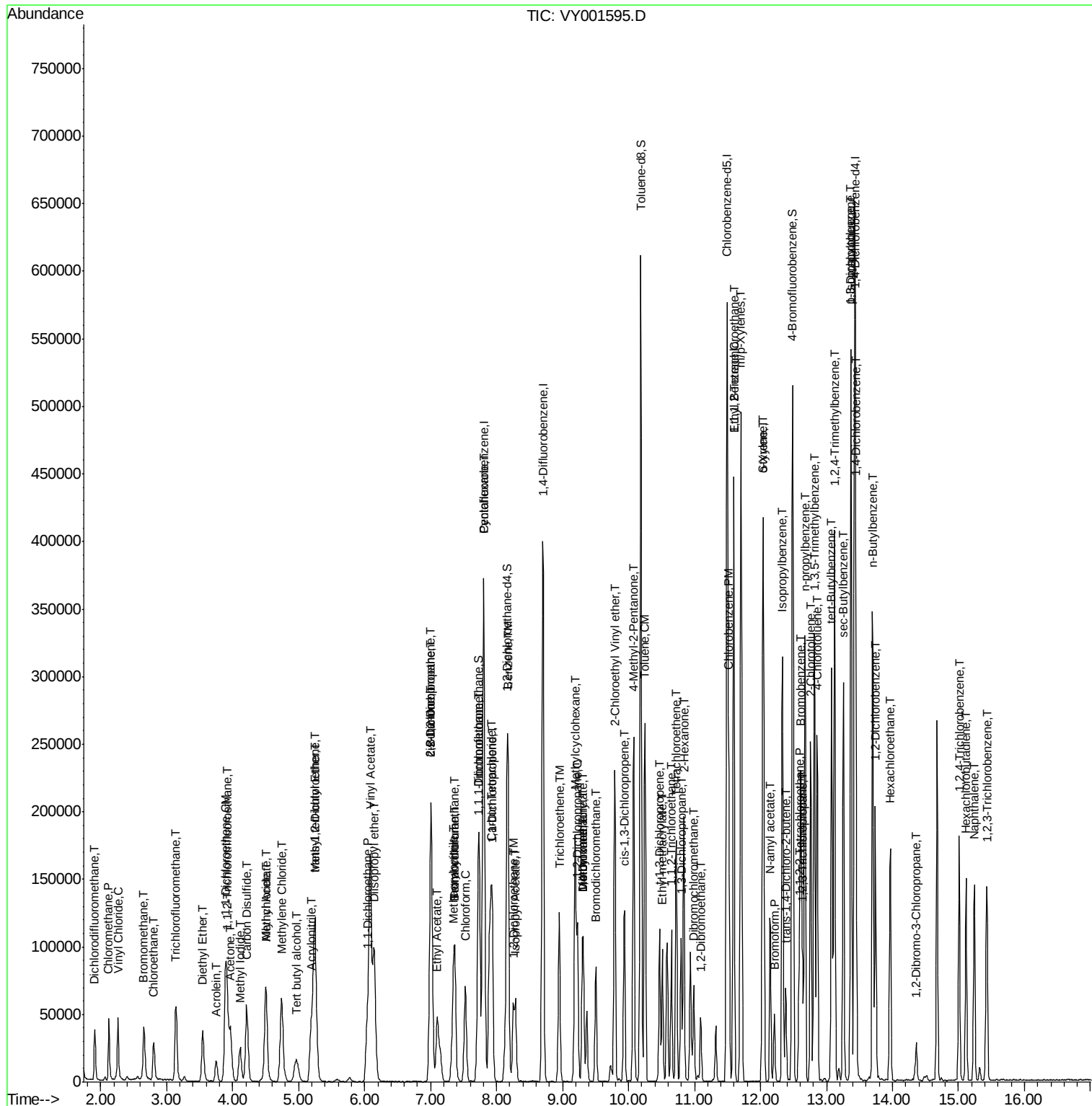
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021120\
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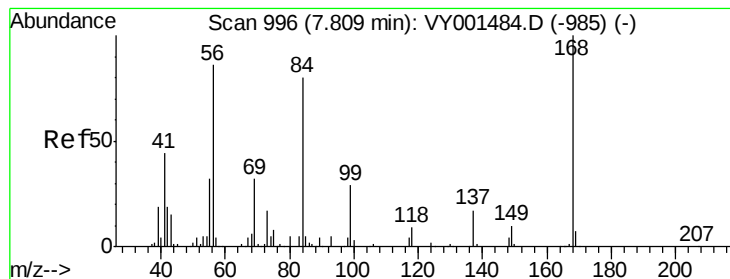
Instrument :
MSVOA_Y
ClientSampleId :
VY0211SBSD01

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.00 min

Lab File: VY001595.D

Acq: 11 Feb 2020 11:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0211SBSD01

Tot Ion:168 Resp: 196240

Ion Ratio Lower Upper

168 100

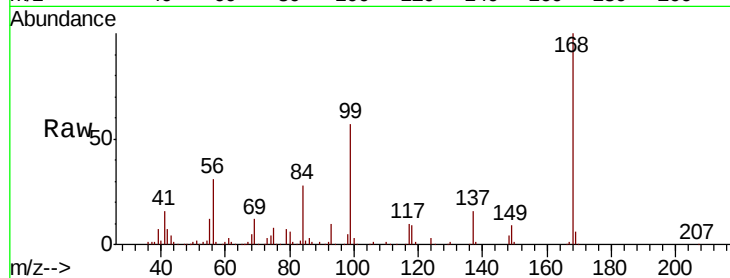
99 57.4 48.2 72.4

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY001595.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY001595.D (-947) (-)

7.81

80000

60000

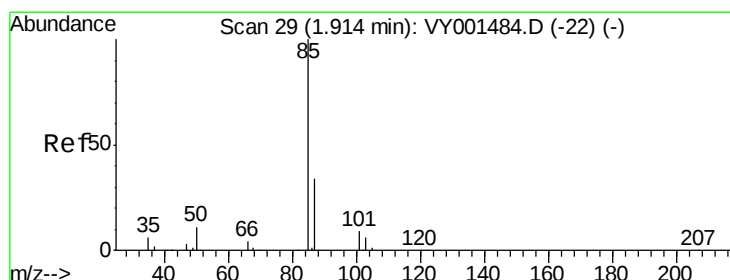
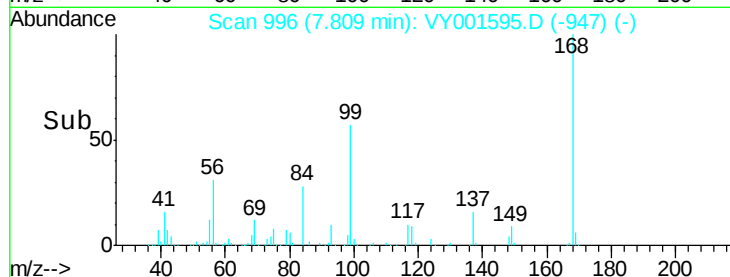
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 16.491 ug/l

RT: 1.91 min Scan# 28

Delta R.T. -0.01 min

Lab File: VY001595.D

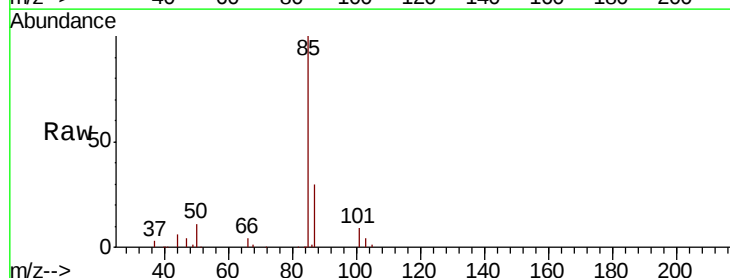
Acq: 11 Feb 2020 11:59

Tgt Ion: 85 Resp: 31678

Ion Ratio Lower Upper

85 100

87 30.1 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VY001595.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY001595.D (-1) (-)

1.91

25000

20000

15000

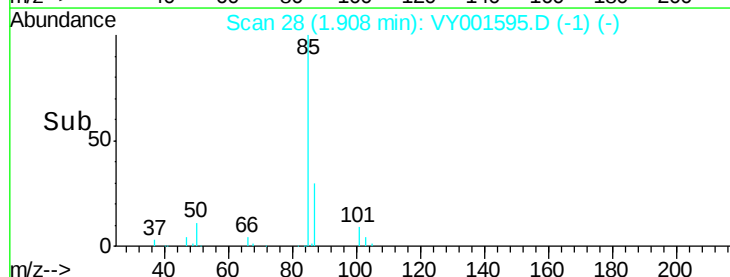
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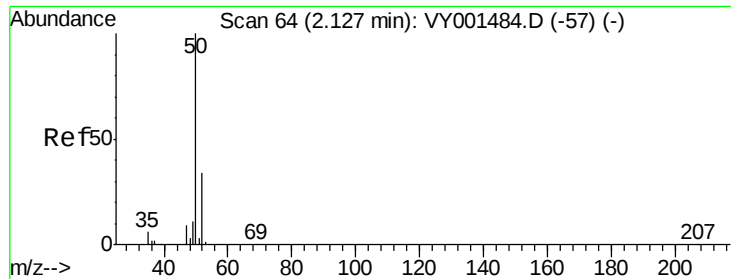
5000

0

1.90 2.00

Time-->





#3

Chloromethane

Concen: 21.370 ug/l

RT: 2.12 min Scan# 63

Delta R.T. -0.01 min

Lab File: VY001595.D

Acq: 11 Feb 2020 11:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0211SBSD01

Tot Ion: 50 Resp: 42905

Ion Ratio Lower Upper

50 100

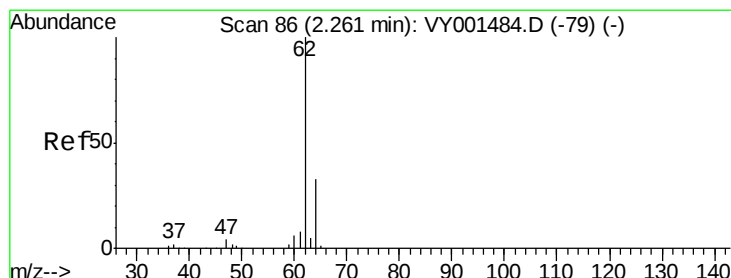
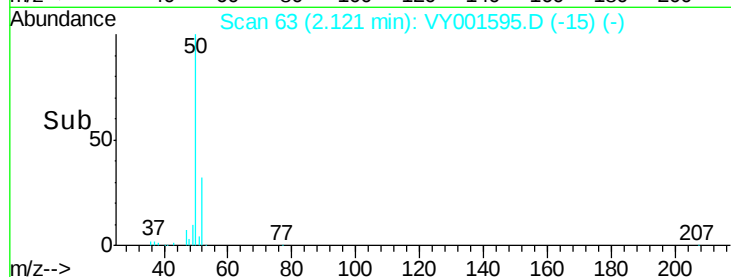
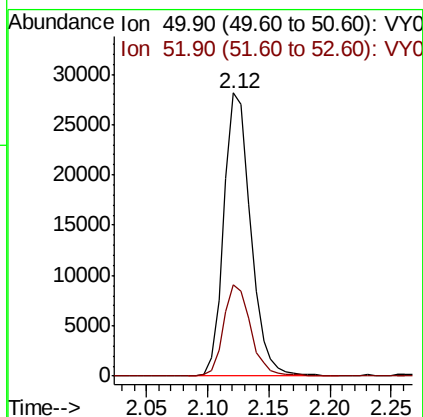
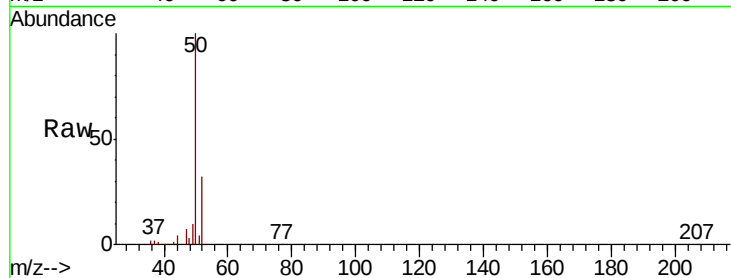
52 32.2 27.3 40.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 21.044 ug/l

RT: 2.26 min Scan# 86

Delta R.T. 0.00 min

Lab File: VY001595.D

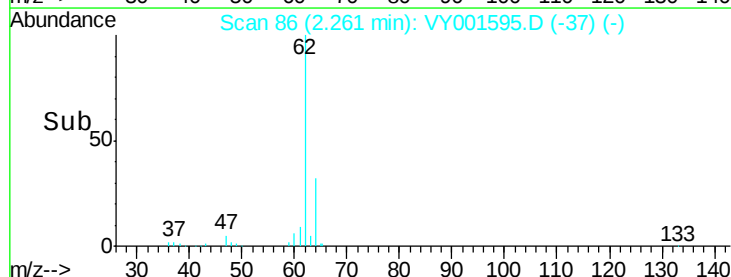
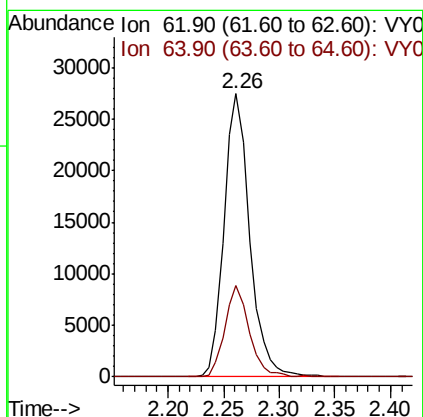
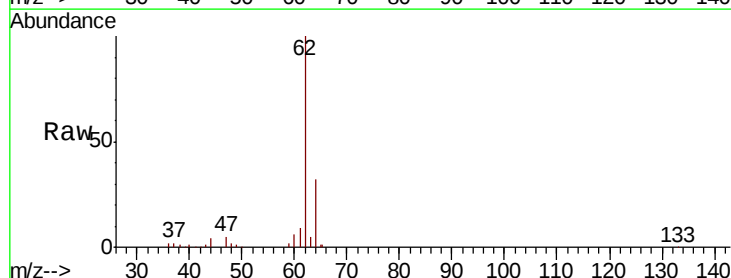
Acq: 11 Feb 2020 11:59

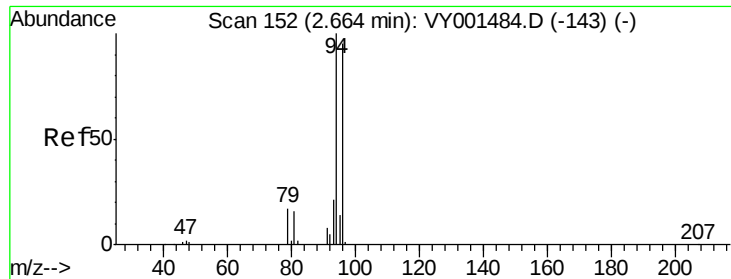
Tgt Ion: 62 Resp: 43871

Ion Ratio Lower Upper

62 100

64 32.2 26.4 39.6





#5

Bromomethane

Concen: 22.758 ug/l

RT: 2.66 min Scan# 151

Delta R.T. -0.01 min

Lab File: VY001595.D

Acq: 11 Feb 2020 11:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0211SBSD01

Tot Ion: 94 Resp: 29837

Ion Ratio Lower Upper

94 100

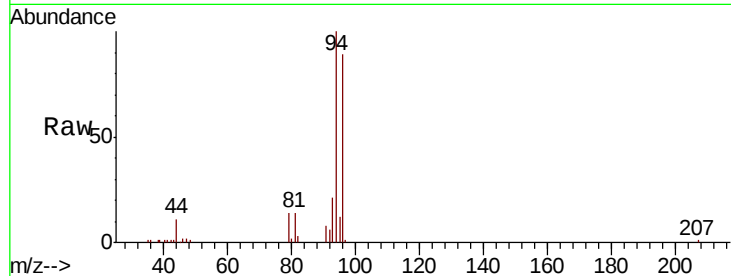
96 89.0 76.2 114.2

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

15000

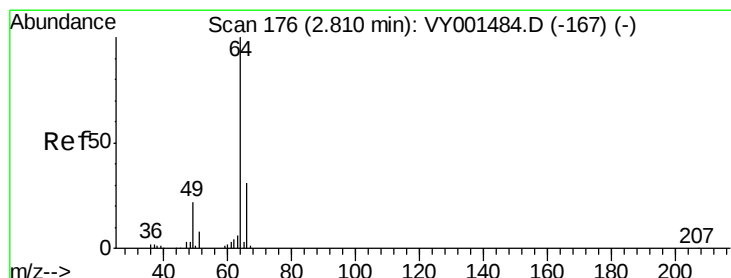
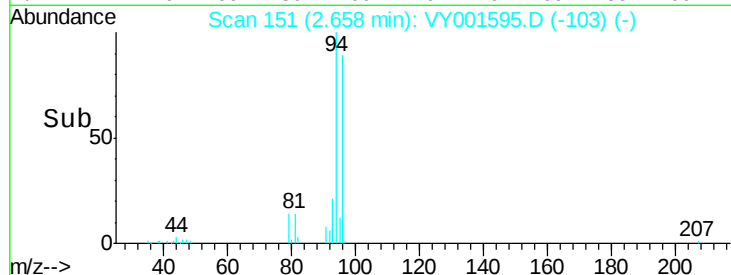
2.66

10000

5000

0

Time-->



#6

Chloroethane

Concen: 22.150 ug/l

RT: 2.80 min Scan# 175

Delta R.T. -0.01 min

Lab File: VY001595.D

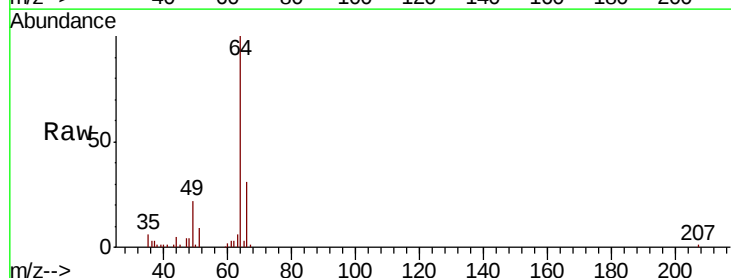
Acq: 11 Feb 2020 11:59

Tgt Ion: 64 Resp: 27834

Ion Ratio Lower Upper

64 100

66 31.4 24.5 36.7



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

15000

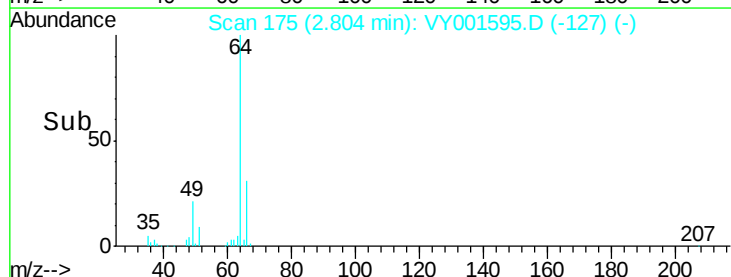
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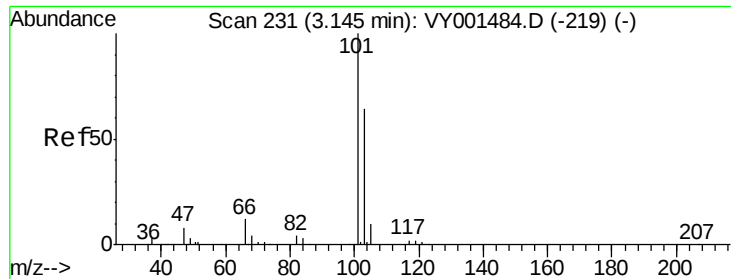
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5000

0

Time-->





#7

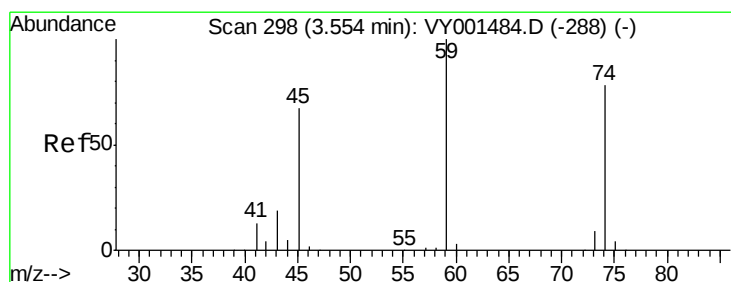
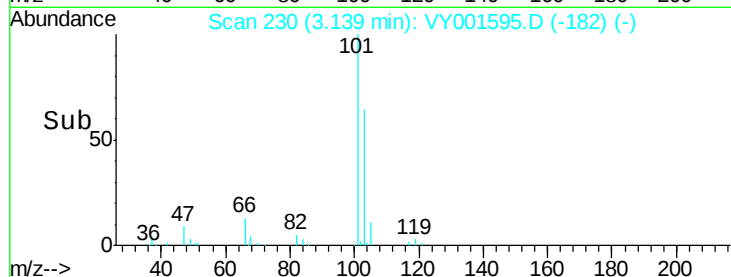
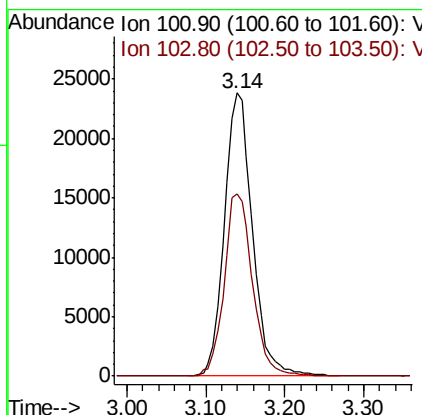
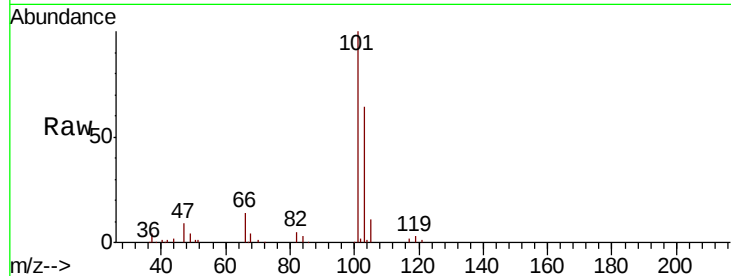
Trichlorofluoromethane
 Concen: 17.061 ug/l
 RT: 3.14 min Scan# 230
 Delta R.T. -0.01 min
 Lab File: VY001595.D
 Acq: 11 Feb 2020 11:59

Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.4	50.9	76.3

Manual Integrations
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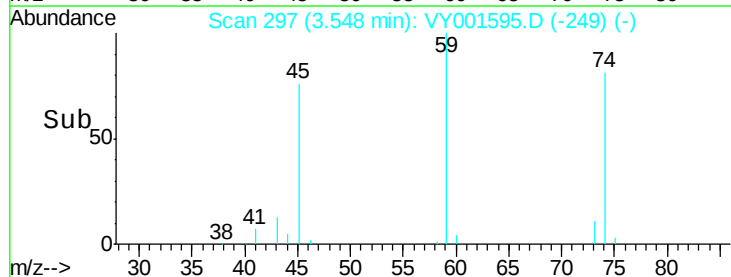
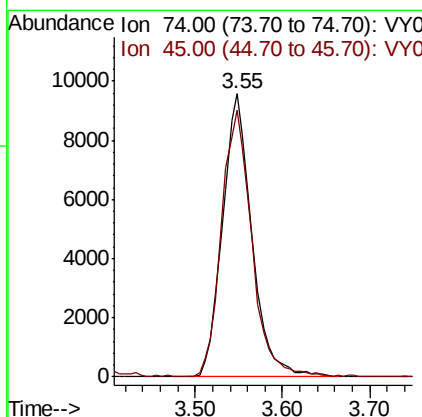
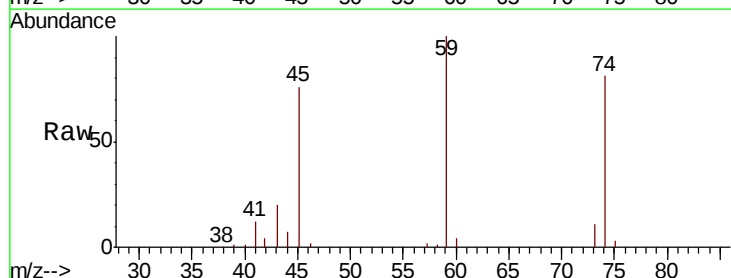
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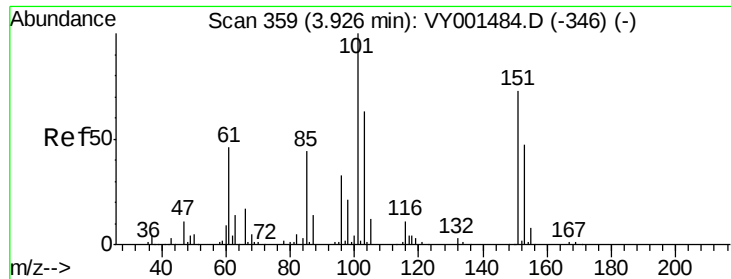


#8

Diethyl Ether
 Concen: 19.187 ug/l
 RT: 3.55 min Scan# 297
 Delta R.T. -0.01 min
 Lab File: VY001595.D
 Acq: 11 Feb 2020 11:59

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.5	44.5	133.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.901 ug/l

RT: 3.92 min Scan# 358

Delta R.T. -0.01 min

Lab File: VY001595.D

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MSVOA_Y

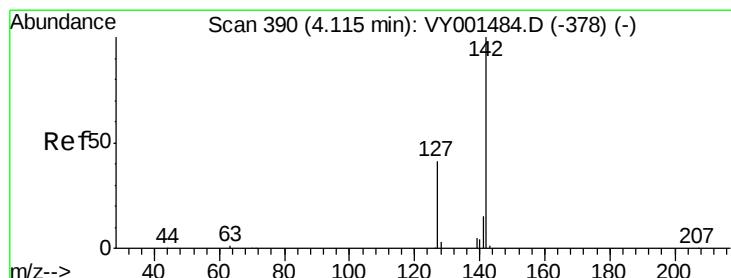
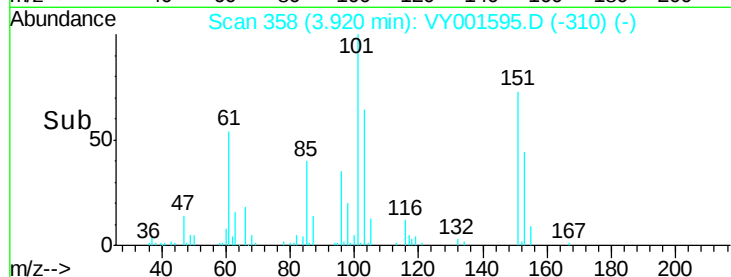
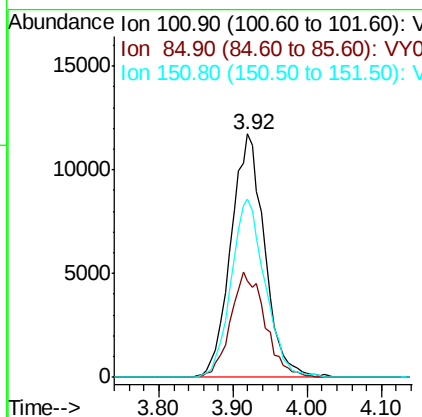
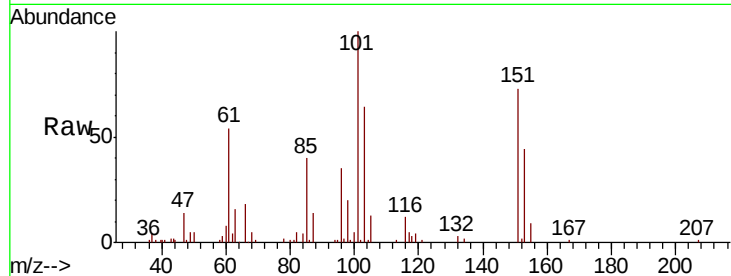
ClientSampleId :

VY0211SBS01

Tot Ion:	101	Resp:	37167
Ion Ratio	Lower	Upper	
101	100		
85	44.3	34.6	51.8
151	73.7	60.3	90.5

Manual Integrations
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2/12/2020 3:12:22 PM



#10

Methyl Iodide

Concen: 16.444 ug/l

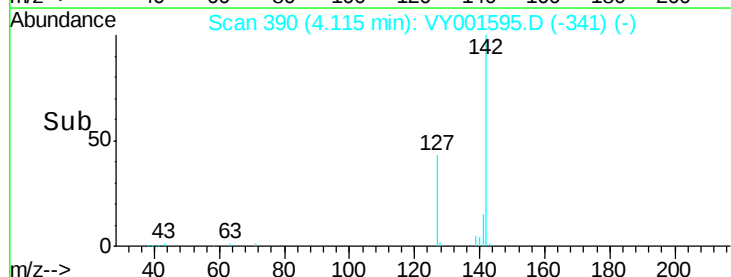
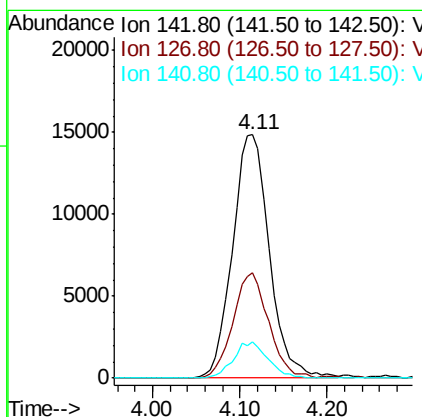
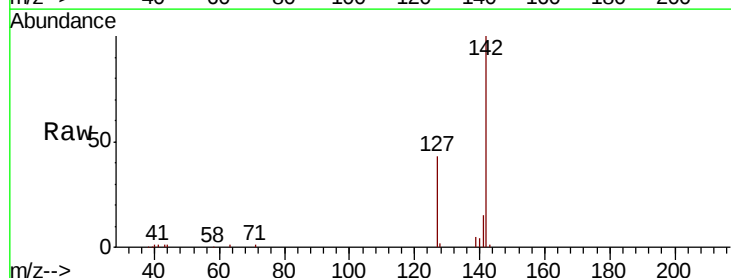
RT: 4.11 min Scan# 390

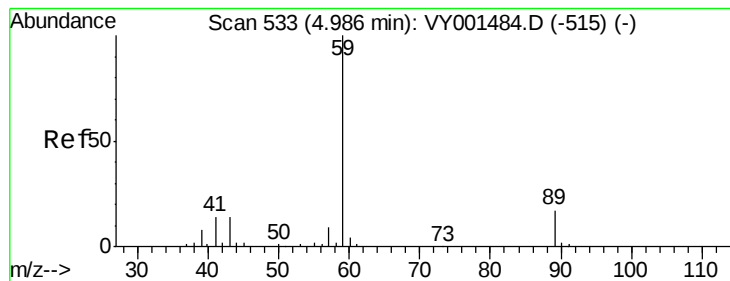
Delta R.T. 0.00 min

Lab File: VY001595.D

Acq: 11 Feb 2020 11:59

Tgt Ion:	142	Resp:	43502
Ion Ratio	Lower	Upper	
142	100		
127	42.0	33.3	49.9
141	13.9	11.5	17.3





#11

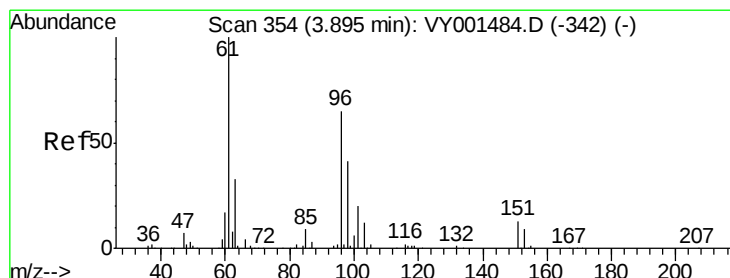
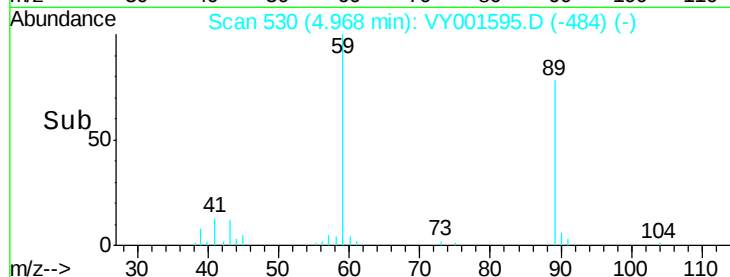
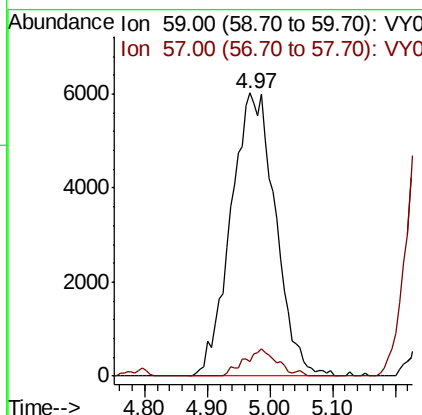
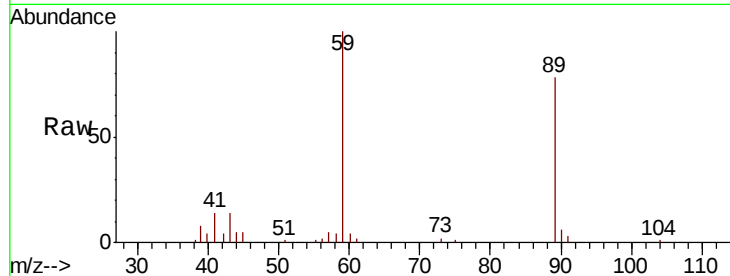
Tert butyl alcohol
 Concen: 115.036 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. -0.02 min
 Lab File: VY001595.D
 Acq: 11 Feb 2020 11:59

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0211SBS01

Tot Ion	Ratio	Resp	Lower	Upper
59	100	29616		
57	6.8	7.0	10.6#	

Manual Integrations
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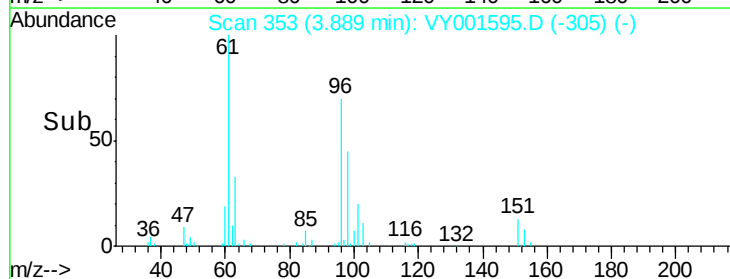
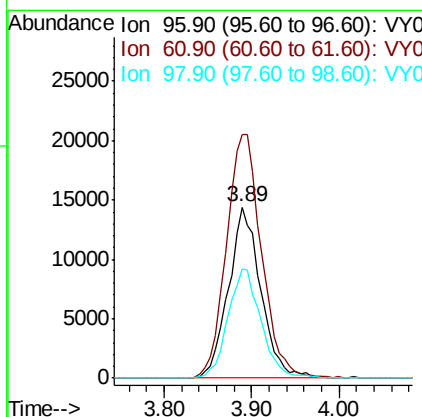
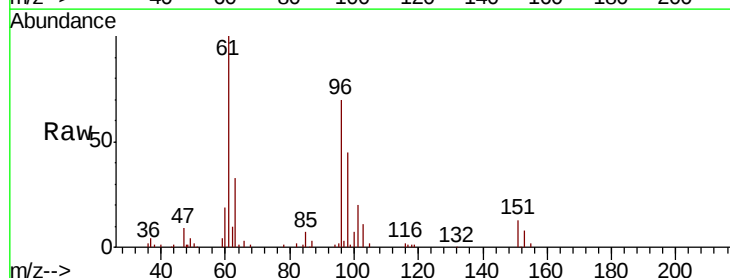
MMDadoda
 2/12/2020 3:12:22 PM

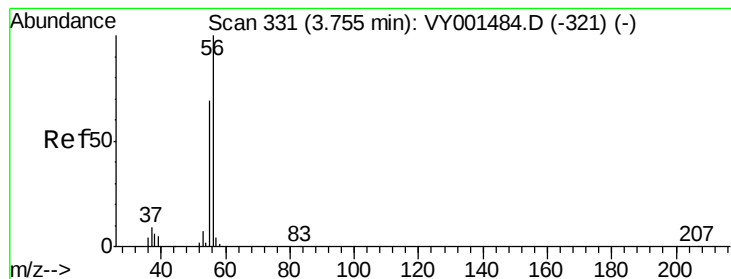


#12

1,1-Dichloroethene
 Concen: 17.985 ug/l
 RT: 3.89 min Scan# 353
 Delta R.T. -0.01 min
 Lab File: VY001595.D
 Acq: 11 Feb 2020 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	37106		
61	142.6	122.3	183.5	
98	63.8	49.7	74.5	





#13

Acrolein

Concen: 98.460 ug/l

RT: 3.75 min Scan# 331

Delta R.T. 0.00 min

Lab File: VY001595.D

Acq: 11 Feb 2020 11:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0211SBSD01

Tot Ion: 56 Resp: 18421

Ion Ratio Lower Upper

56 100

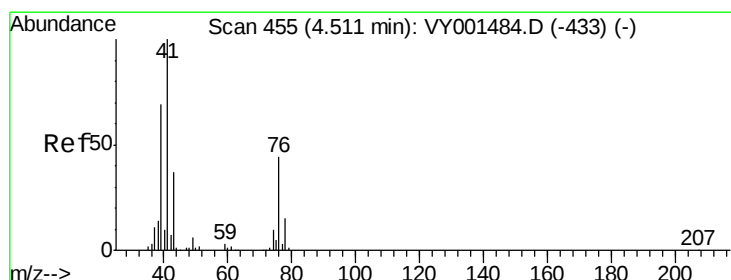
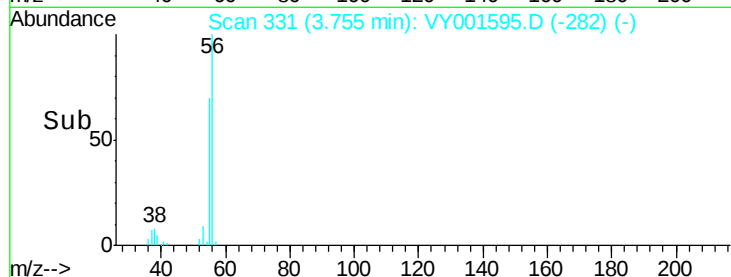
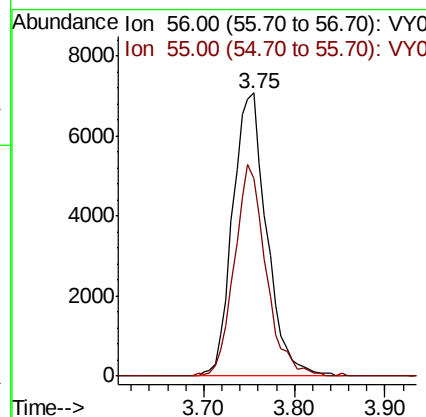
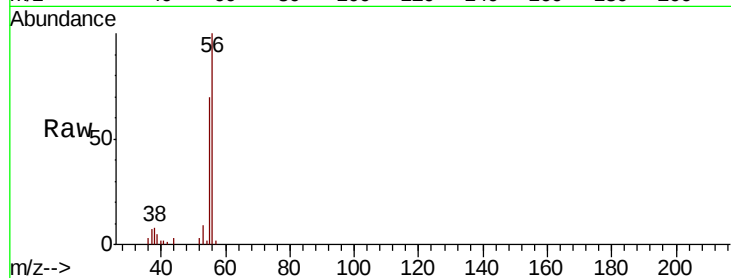
55 69.7 56.2 84.4

Manual Integrations

APPROVED

MMDadoda

2/12/2020 3:12:22 PM



#14

Allyl chloride

Concen: 20.304 ug/l

RT: 4.50 min Scan# 453

Delta R.T. -0.01 min

Lab File: VY001595.D

Acq: 11 Feb 2020 11:59

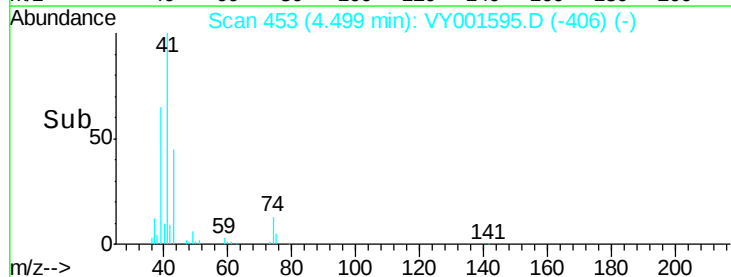
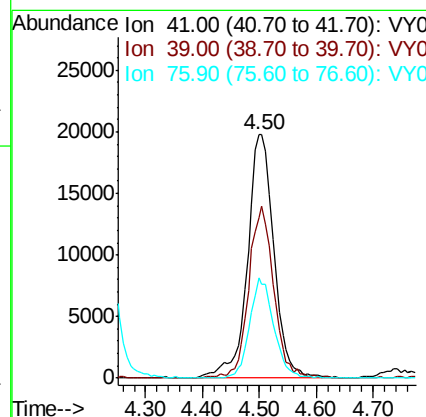
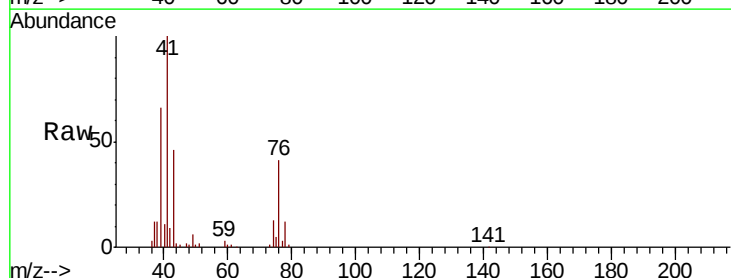
Tgt Ion: 41 Resp: 64084

Ion Ratio Lower Upper

41 100

39 66.3 53.0 79.6

76 37.5 32.6 48.8





#15

Acrylonitrile

Concen: 108.100 ug/l

RT: 5.19 min Scan# 566

Delta R.T. -0.01 min

Lab File: VY001595.D

Acq: 11 Feb 2020 11:59

Instrument :

MSVOA_Y

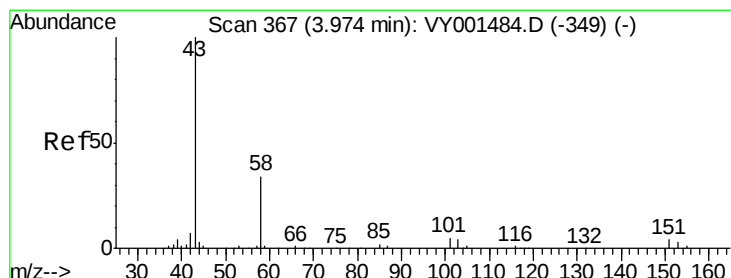
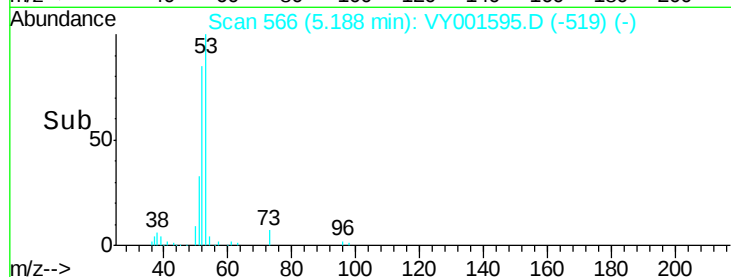
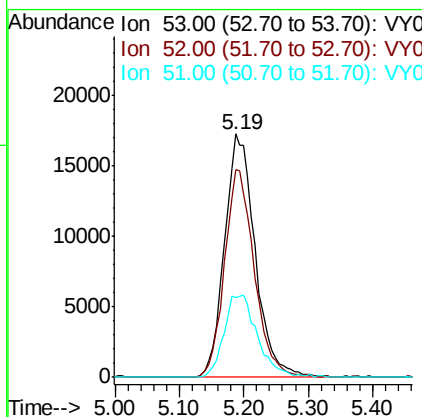
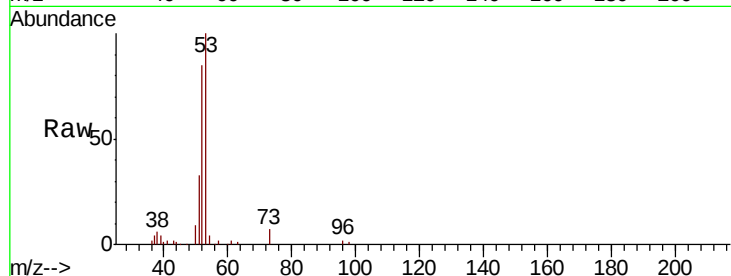
ClientSampleId :

VY0211SBS01

Tot Ion:	53	Resp:	57707
Ion Ratio	Lower	Upper	
53	100		
52	82.9	65.4	98.2
51	36.5	29.0	43.4

Manual Integrations
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MMDadoda
2/12/2020 3:12:22 PM



#16

Acetone

Concen: 101.460 ug/l

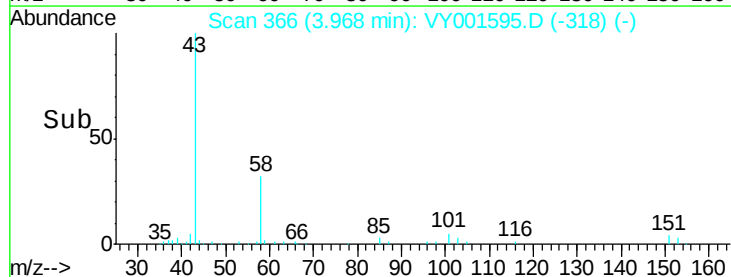
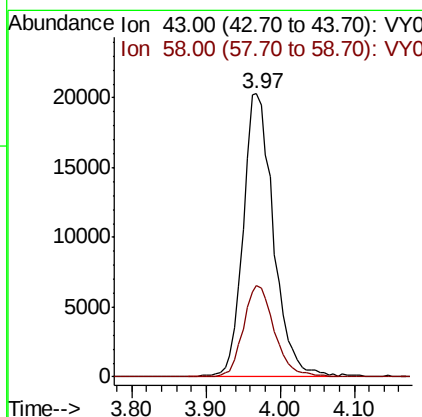
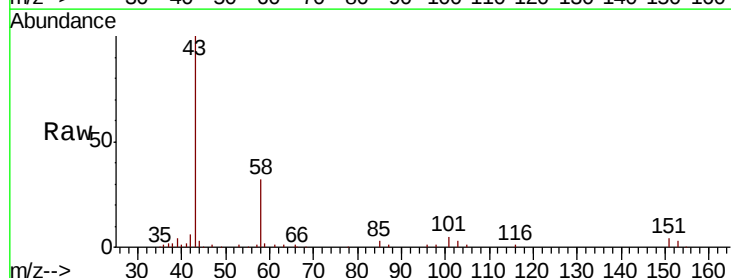
RT: 3.97 min Scan# 366

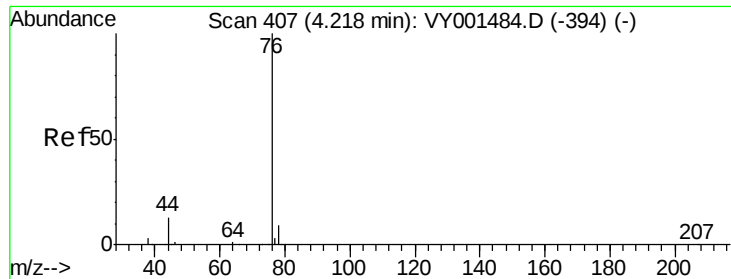
Delta R.T. -0.01 min

Lab File: VY001595.D

Acq: 11 Feb 2020 11:59

Tgt Ion:	43	Resp:	57988
Ion Ratio	Lower	Upper	
43	100		
58	32.3	27.5	41.3





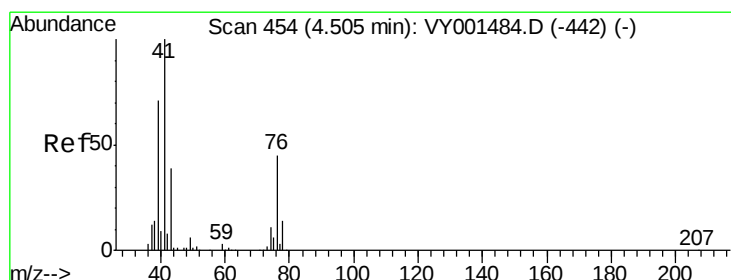
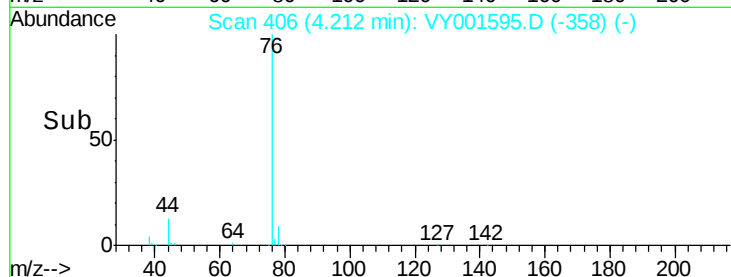
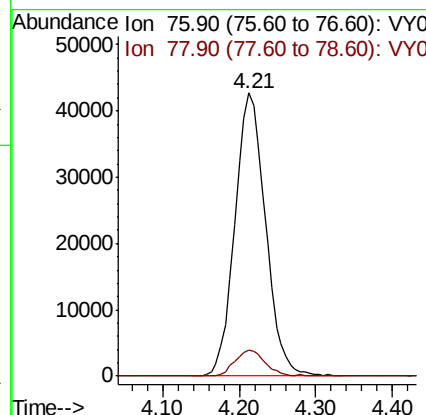
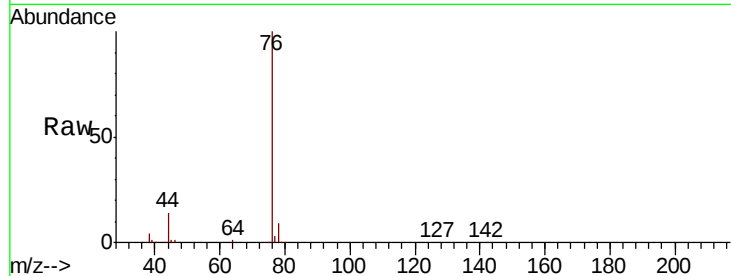
#17
Carbon Disulfide
Concen: 18.054 ug/l
RT: 4.21 min Scan# 406
Delta R.T. -0.01 min
Lab File: VY001595.D
Acq: 11 Feb 2020 11:59

Instrument :
MSVOA_Y
ClientSampleId :
VY0211SBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.0	10.6

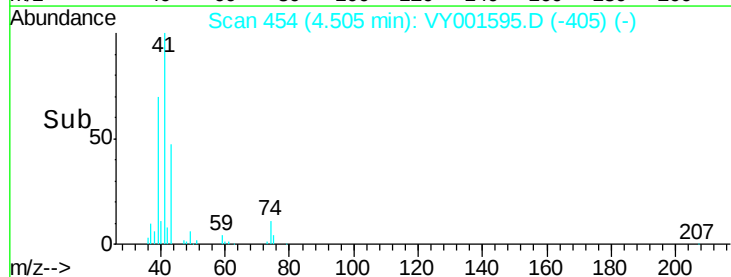
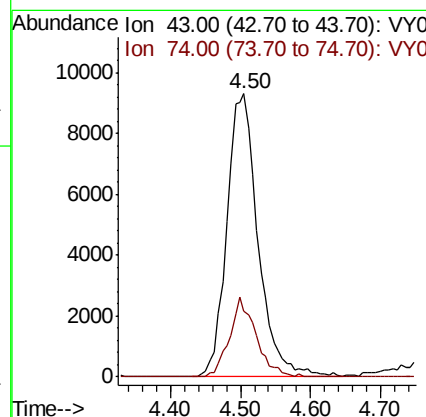
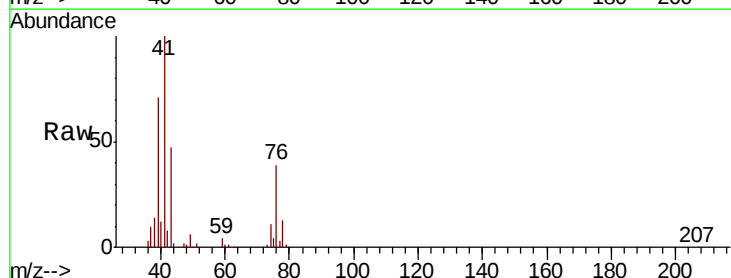
Manual Integrations
APPROVED

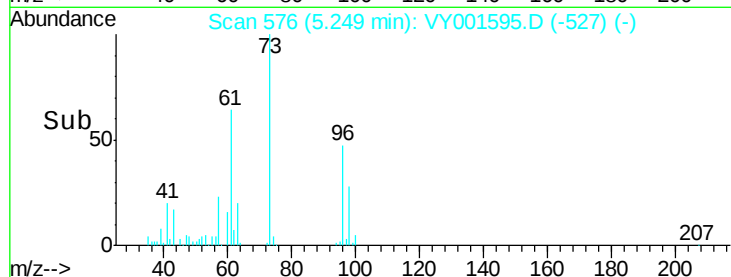
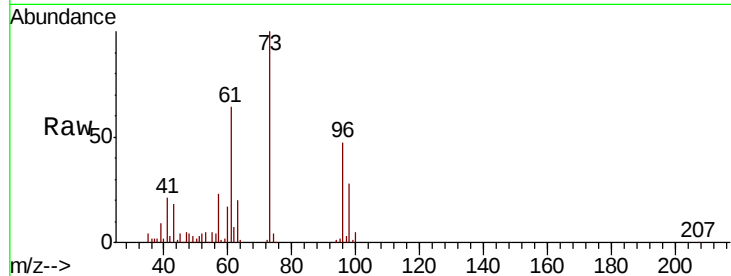
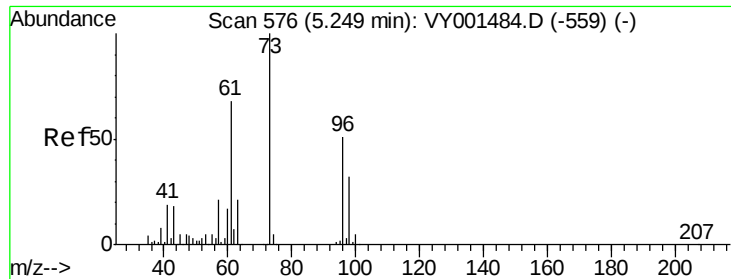
MMDadoda
2/12/2020 3:12:22 PM



#18
Methyl Acetate
Concen: 23.595 ug/l
RT: 4.50 min Scan# 454
Delta R.T. 0.00 min
Lab File: VY001595.D
Acq: 11 Feb 2020 11:59

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.8	21.0	31.6





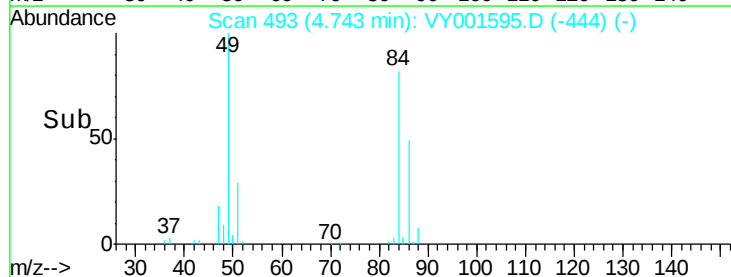
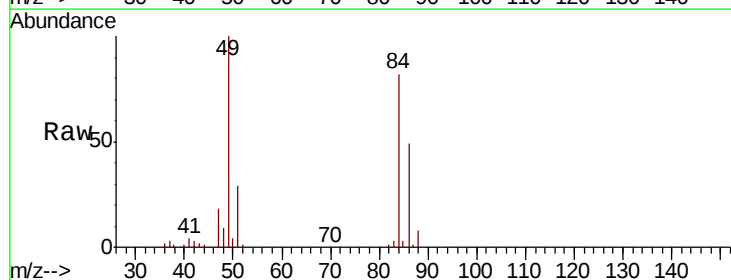
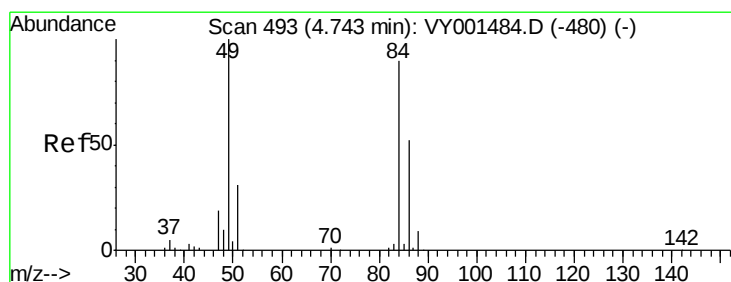
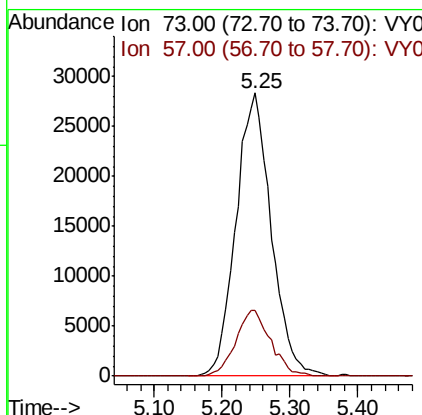
#19
Methvl tert-butvl Ether
Concen: 18.601 ug/l
RT: 5.25 min Scan# 576
Delta R.T. 0.00 min
Lab File: VY001595.D
Acq: 11 Feb 2020 11:59

Tot Ion: 73 Resp: 102063
Ion Ratio Lower Upper
73 100
57 23.1 17.0 25.6

Instrument :
MSVOA_Y
ClientSampleId :
VY0211SBSD01

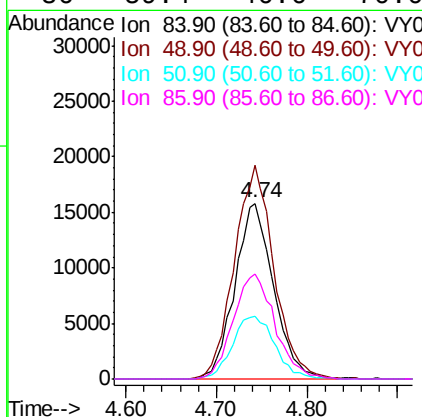
Manual Integrations
APPROVED

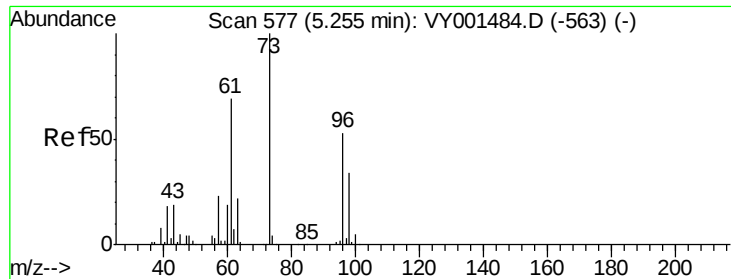
MMDadoda
2/12/2020 3:12:22 PM



#20
Methylene Chloride
Concen: 17.817 ug/l
RT: 4.74 min Scan# 493
Delta R.T. 0.00 min
Lab File: VY001595.D
Acq: 11 Feb 2020 11:59

Tgt Ion: 84 Resp: 46681
Ion Ratio Lower Upper
84 100
49 121.4 89.0 133.6
51 35.7 27.4 41.2
86 59.4 46.6 70.0





#21

trans-1,2-Dichloroethene

Concen: 18.361 ug/l

RT: 5.24 min Scan# 575

Delta R.T. -0.01 min

Lab File: VY001595.D

Acq: 11 Feb 2020 11:59

Instrument :

MSVOA_Y

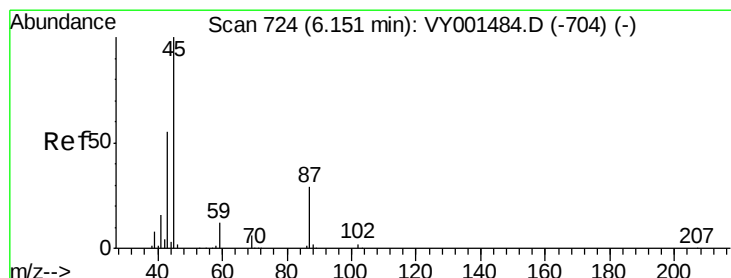
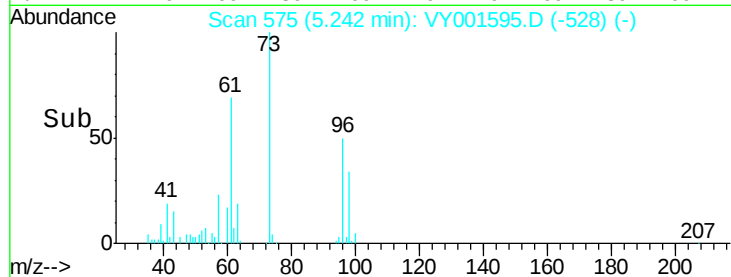
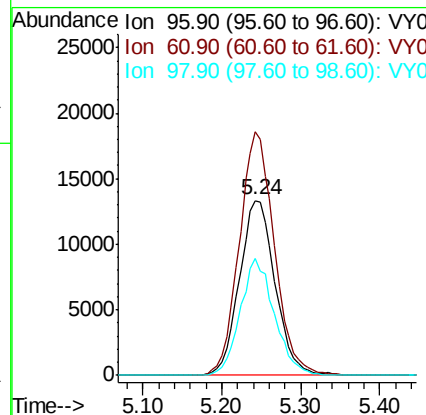
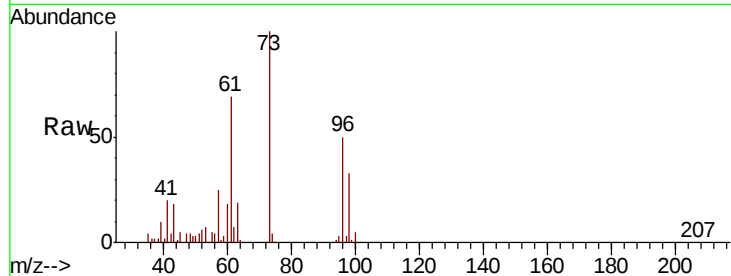
ClientSampleId :

VY0211SBSD01

Tot Ion:	96	Resp:	42113
Ion	Ratio	Lower	Upper
96	100		
61	139.4	104.2	156.4
98	67.2	51.4	77.0

Manual Integrations
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2/12/2020 3:12:22 PM



#22

Diisopropyl ether

Concen: 21.560 ug/l

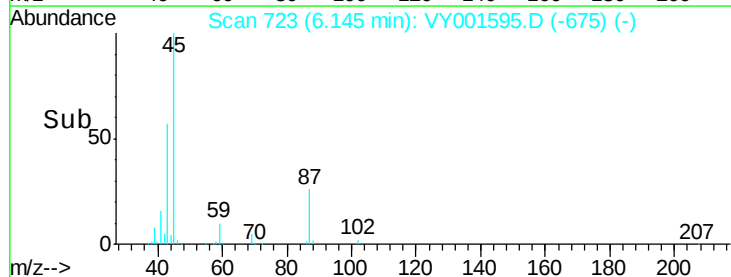
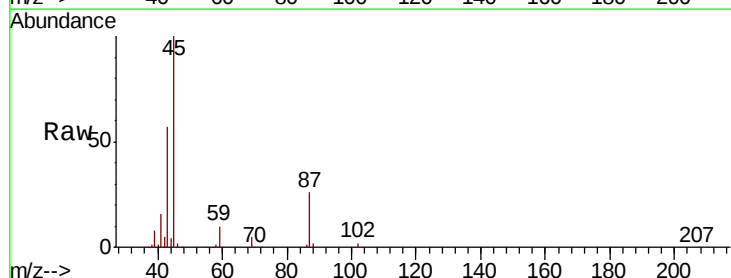
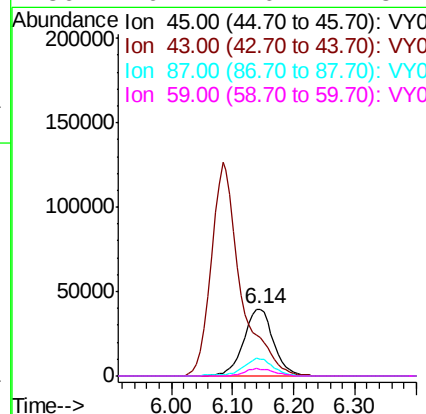
RT: 6.14 min Scan# 723

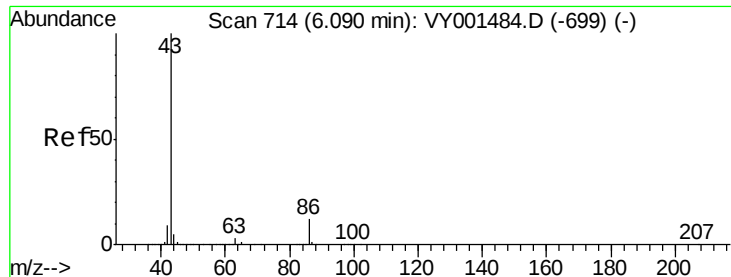
Delta R.T. -0.01 min

Lab File: VY001595.D

Acq: 11 Feb 2020 11:59

Tgt Ion:	45	Resp:	134820
Ion	Ratio	Lower	Upper
45	100		
43	56.9	44.2	66.4
87	25.7	23.9	35.9
59	10.2	10.2	15.2





#23

Vinyl Acetate

Concen: 106.531 ug/l

RT: 6.08 min Scan# 713

Delta R.T. -0.01 min

Lab File: VY001595.D

Acq: 11 Feb 2020 11:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0211SBS01

Tot Ion: 43 Resp: 424068

Ion Ratio Lower Upper

43 100

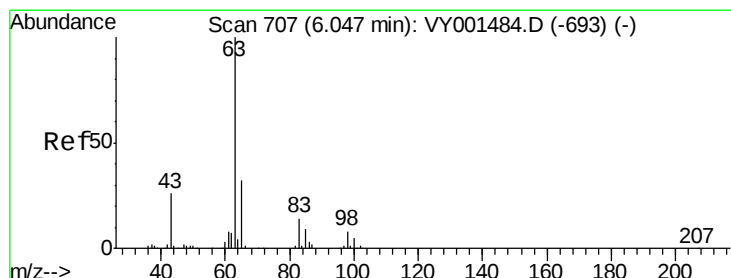
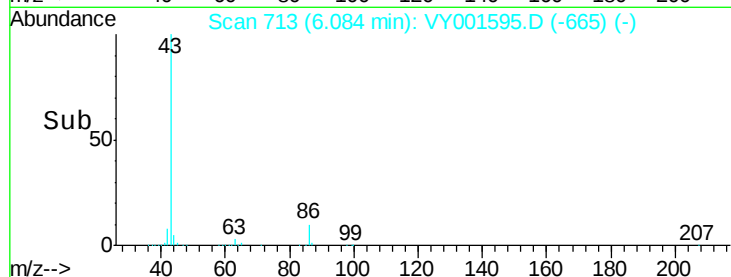
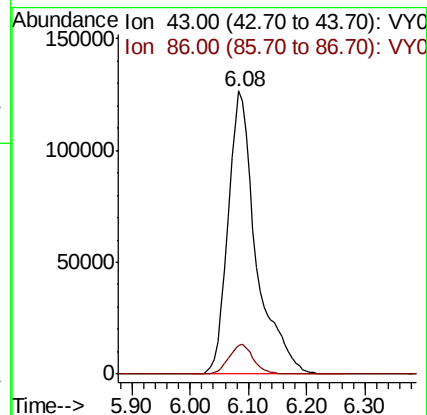
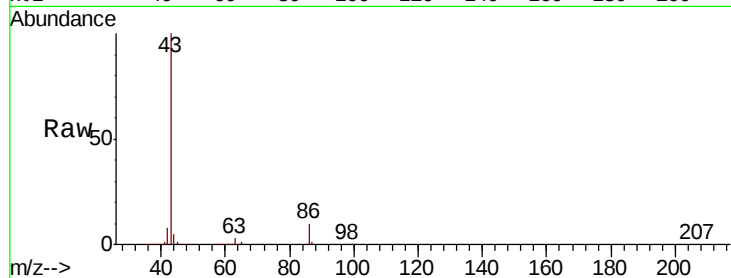
86 10.0 9.8 14.8

Manual Integrations

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2/12/2020 3:12:22 PM



#24

1,1-Dichloroethane

Concen: 19.215 ug/l

RT: 6.04 min Scan# 706

Delta R.T. -0.01 min

Lab File: VY001595.D

Acq: 11 Feb 2020 11:59

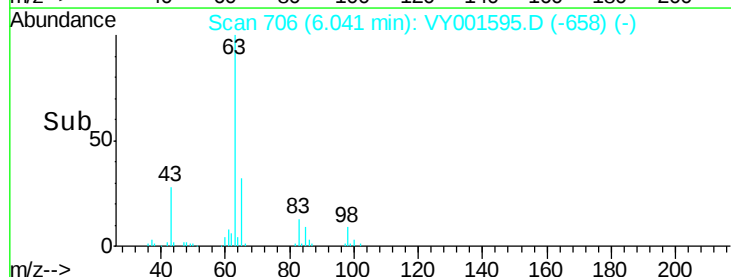
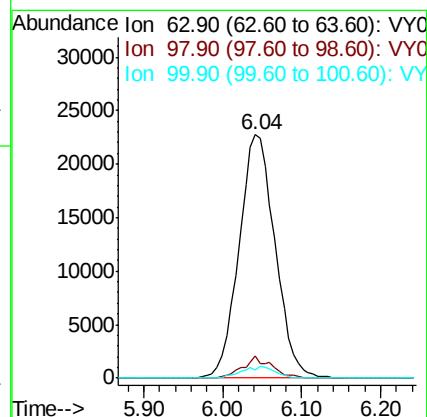
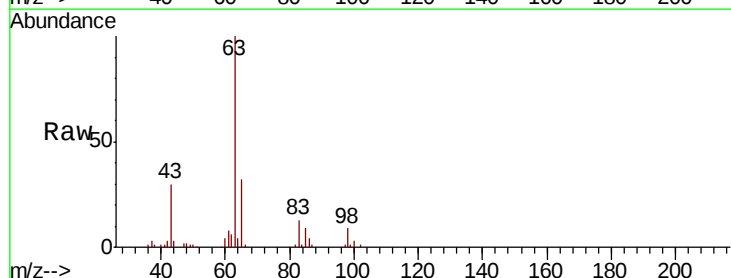
Tgt Ion: 63 Resp: 72271

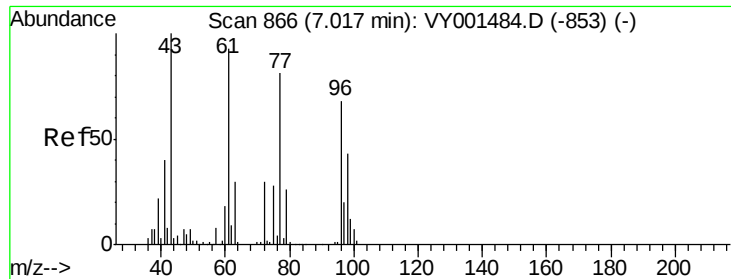
Ion Ratio Lower Upper

63 100

98 8.9 4.0 11.9

100 3.4 2.6 8.0





#25

2-Butanone

Concen: 112.412 ug/l

RT: 7.01 min Scan# 865

Delta R.T. -0.01 min

Lab File: VY001595.D

Acq: 11 Feb 2020 11:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0211SBS01

Tot Ion: 43 Resp: 83351

Ion Ratio Lower Upper

43 100

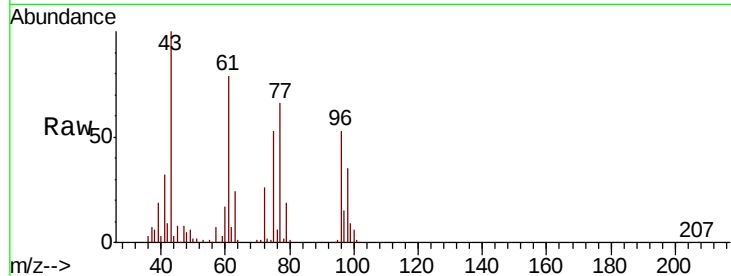
72 25.5 23.8 35.8

Manual Integrations

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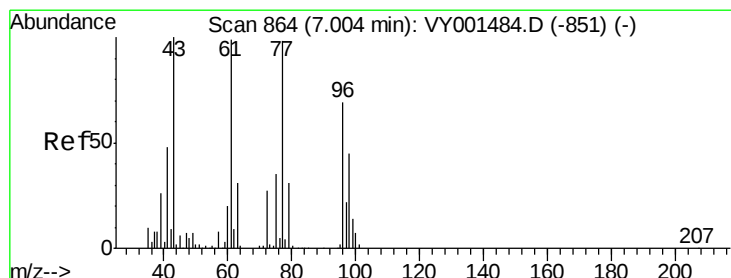
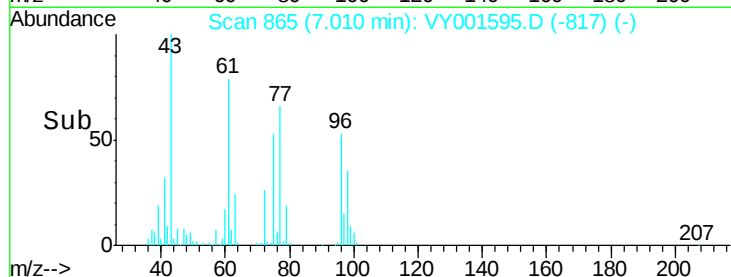
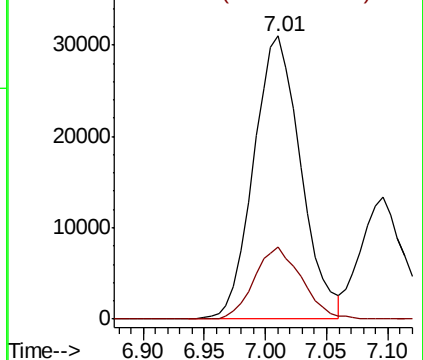
MMDadoda

2/12/2020 3:12:22 PM



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 17.750 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.00 min

Lab File: VY001595.D

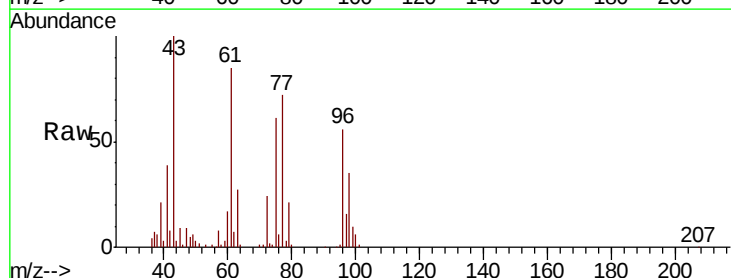
Acq: 11 Feb 2020 11:59

Tgt Ion: 77 Resp: 63896

Ion Ratio Lower Upper

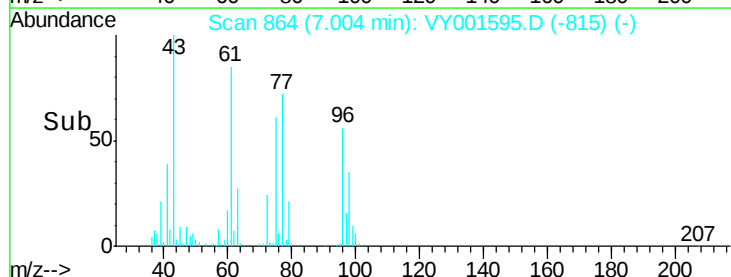
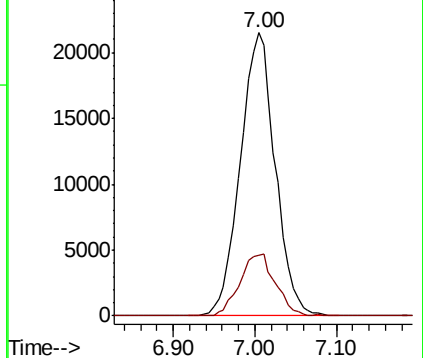
77 100

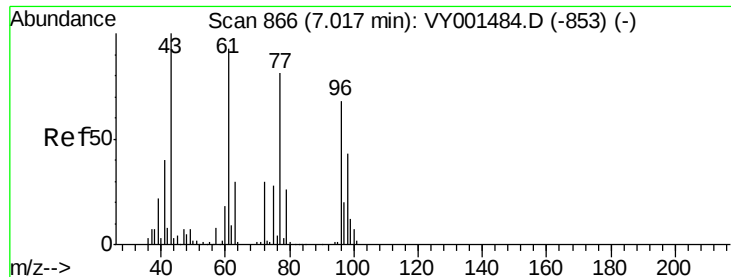
97 22.3 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0





#27

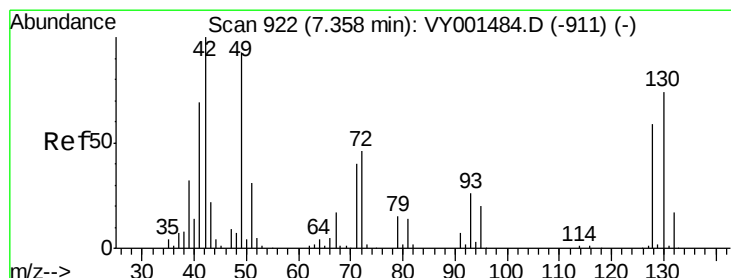
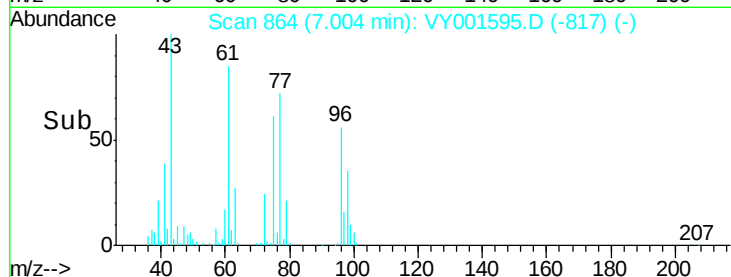
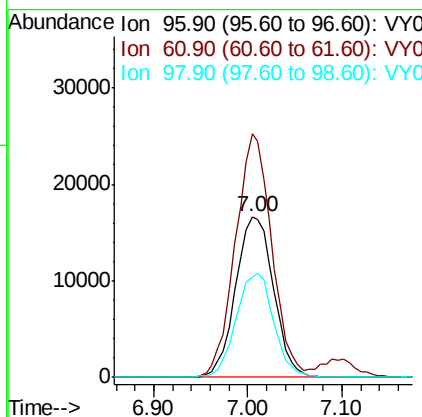
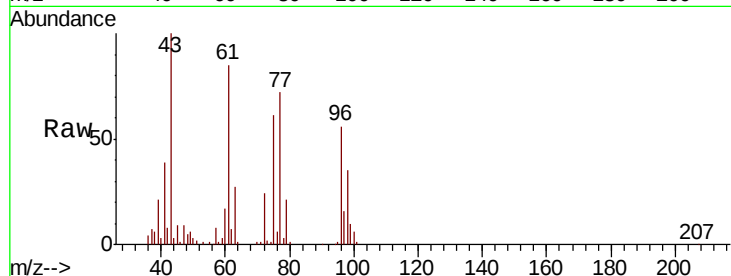
cis-1,2-Dichloroethene
Concen: 18.619 ug/l
RT: 7.00 min Scan# 864
Delta R.T. -0.01 min
Lab File: VY001595.D
Acq: 11 Feb 2020 11:59

Instrument :
MSVOA_Y
ClientSampleId :
VY0211SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	146.4	0.0	278.8
98	64.4	0.0	128.8

Manual Integrations
APPROVED

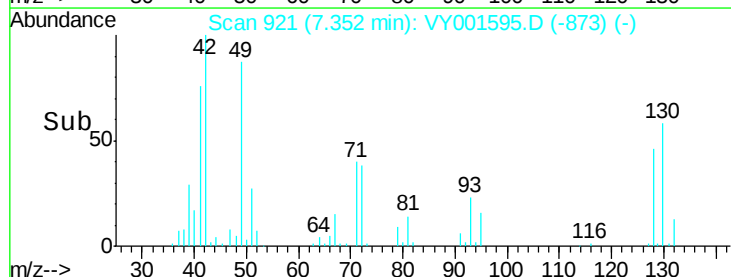
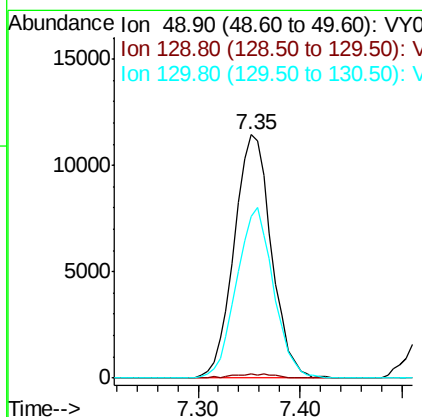
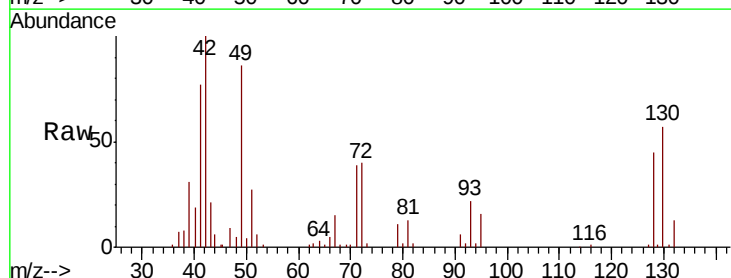
MMDadoda
2/12/2020 3:12:22 PM

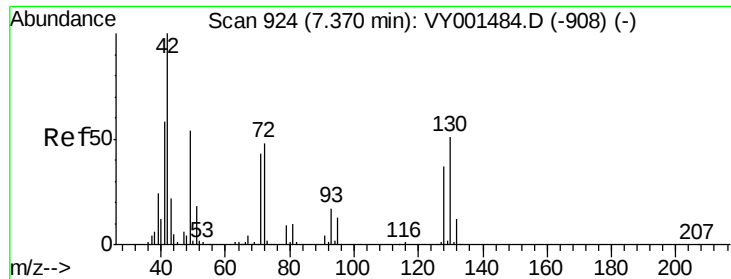


#28

Bromochloromethane
Concen: 22.627 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.01 min
Lab File: VY001595.D
Acq: 11 Feb 2020 11:59

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	4.8
130	69.7	65.4	98.2





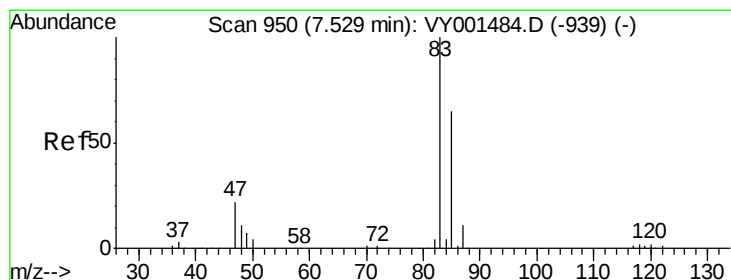
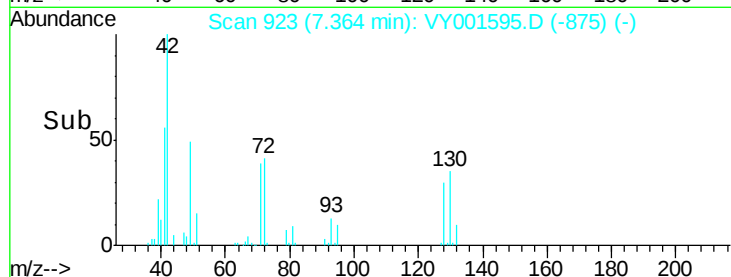
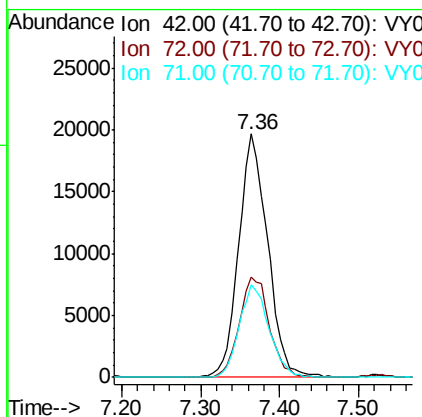
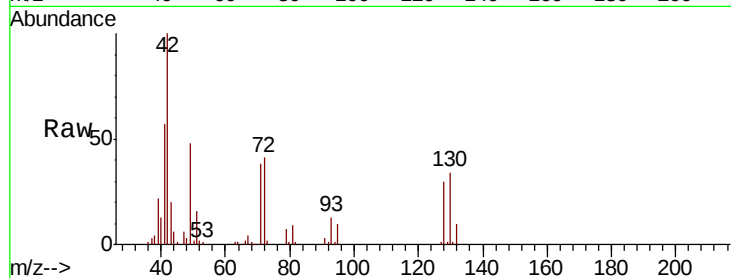
#29
Tetrahydrofuran
Concen: 113.030 ug/l
RT: 7.36 min Scan# 923
Delta R.T. -0.01 min
Lab File: VY001595.D
Acq: 11 Feb 2020 11:59

Instrument :
MSVOA_Y
ClientSampleId :
VY0211SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.6	37.8	56.6
71	39.0	34.8	52.2

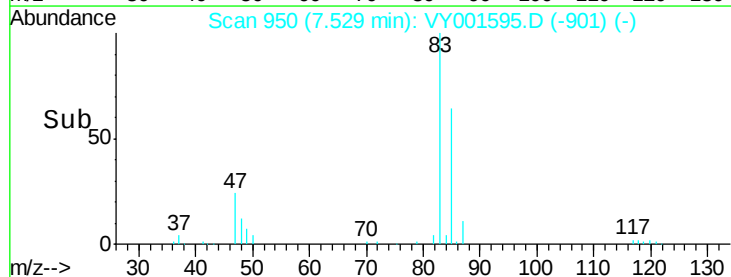
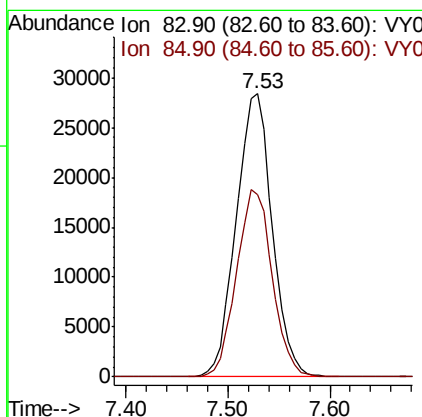
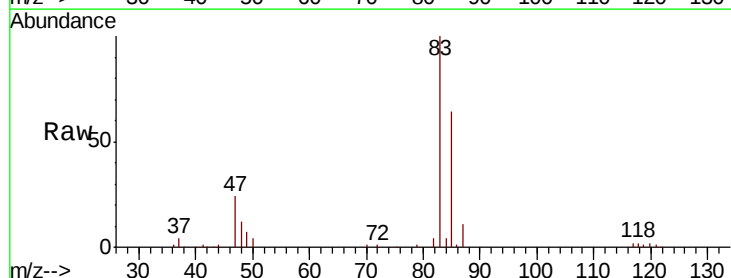
Manual Integrations
APPROVED

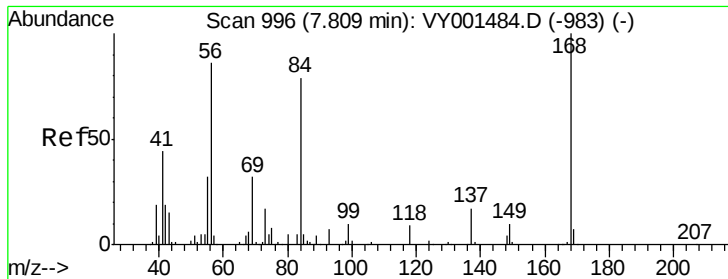
MMDadoda
2/12/2020 3:12:22 PM



#30
Chloroform
Concen: 18.273 ug/l
RT: 7.53 min Scan# 950
Delta R.T. 0.00 min
Lab File: VY001595.D
Acq: 11 Feb 2020 11:59

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.2	52.4	78.6





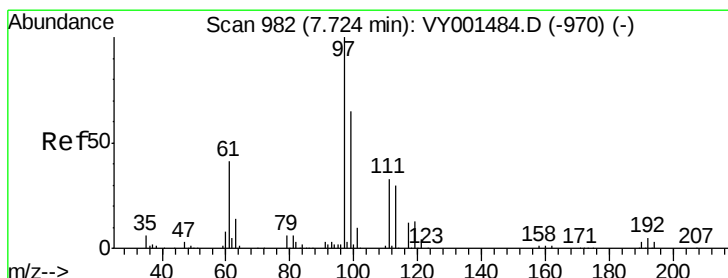
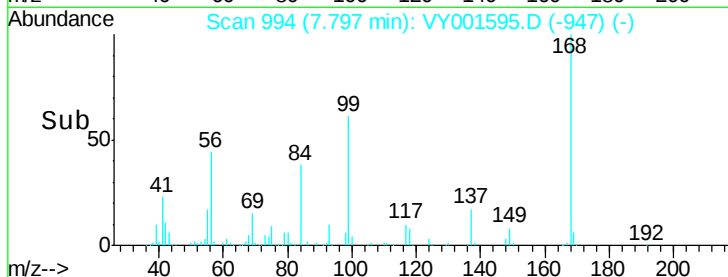
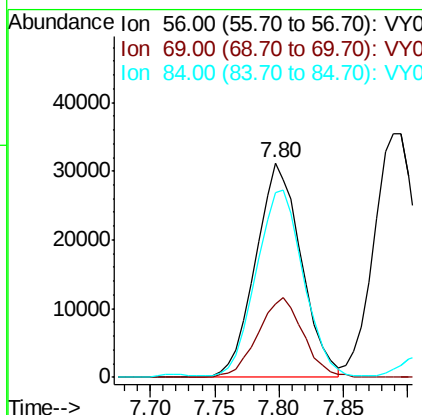
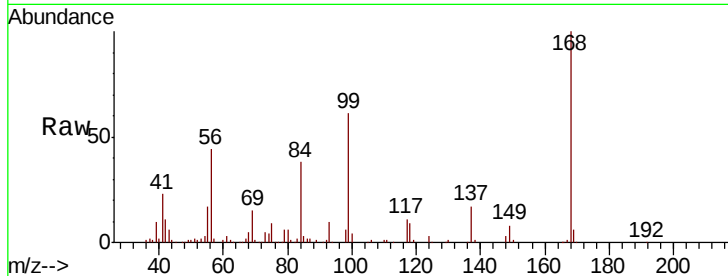
#31
Cyclohexane
Concen: 19.934 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.01 min
Lab File: VY001595.D
Acq: 11 Feb 2020 11:59

Instrument :
MSVOA_Y
ClientSampleId :
VY0211SBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.6	29.6	44.4
84	85.7	73.6	110.4

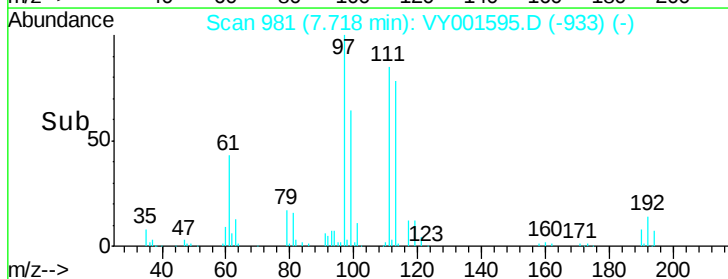
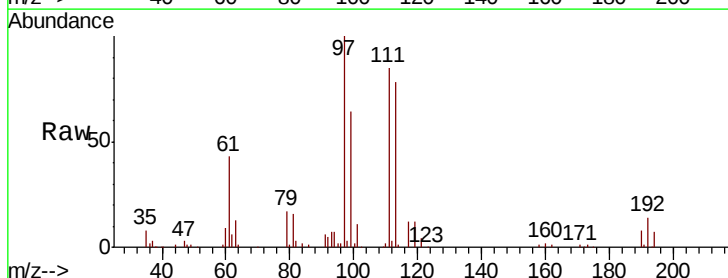
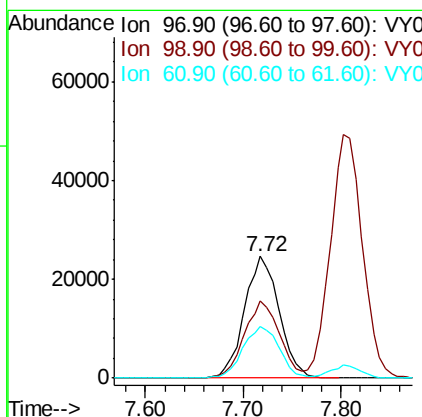
Manual Integrations
APPROVED

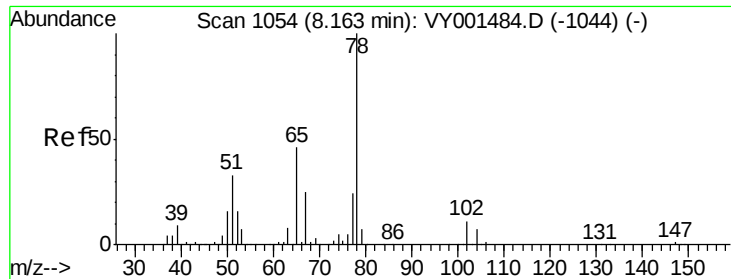
MMDadoda
2/12/2020 3:12:22 PM



#32
1,1,1-Trichloroethane
Concen: 17.653 ug/l
RT: 7.72 min Scan# 981
Delta R.T. -0.01 min
Lab File: VY001595.D
Acq: 11 Feb 2020 11:59

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.8	77.8
61	44.7	32.5	48.7





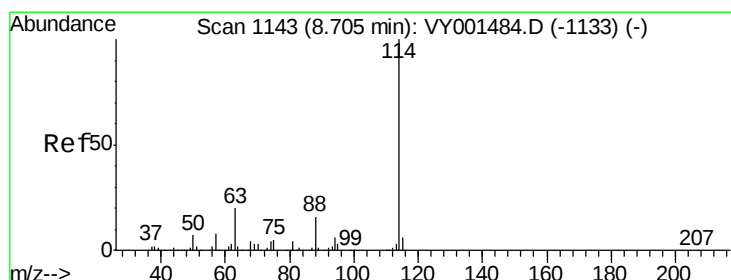
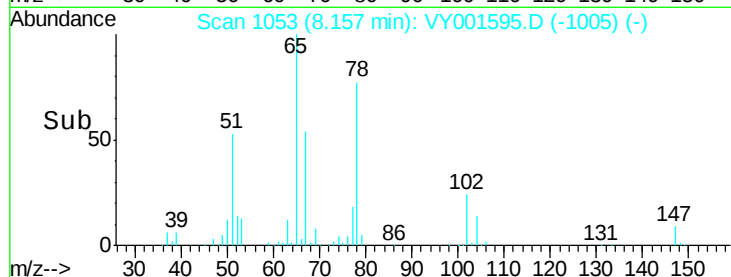
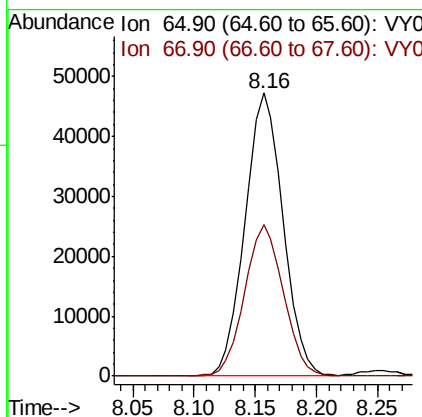
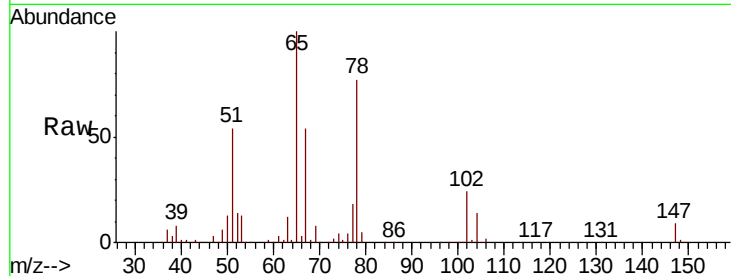
#33
 1,2-Dichloroethane-d4
 Concen: 51.835 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: VY001595.D
 Acq: 11 Feb 2020 11:59

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0211SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	54.6	0.0	102419	108.6

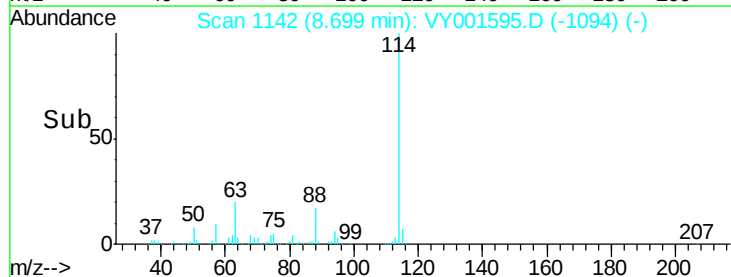
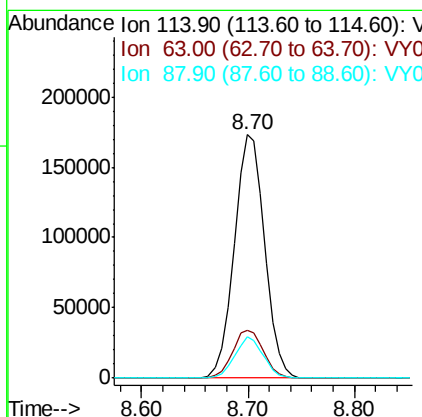
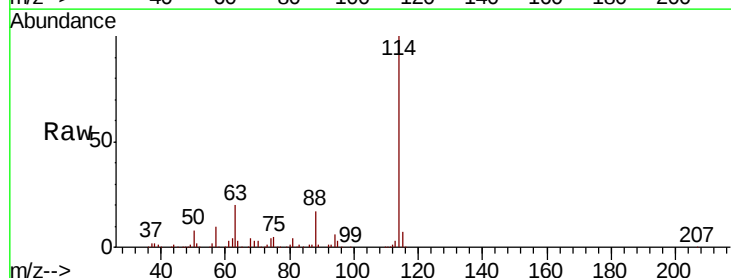
Manual Integrations
 APPROVED

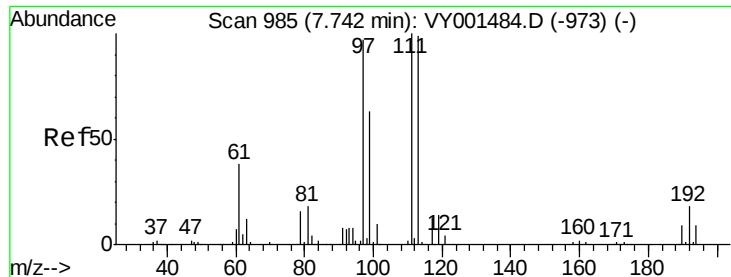
MMDadoda
 2/12/2020 3:12:22 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY001595.D
 Acq: 11 Feb 2020 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	19.7	0.0	345304	39.8
88	16.7	0.0	32.6	





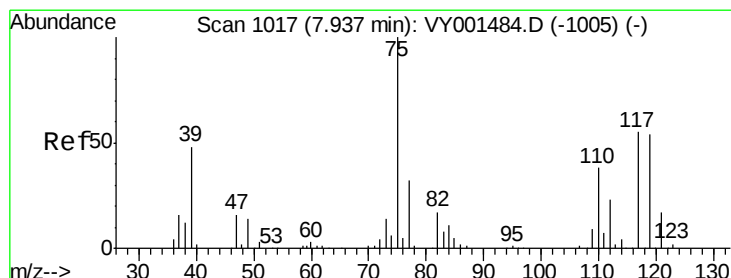
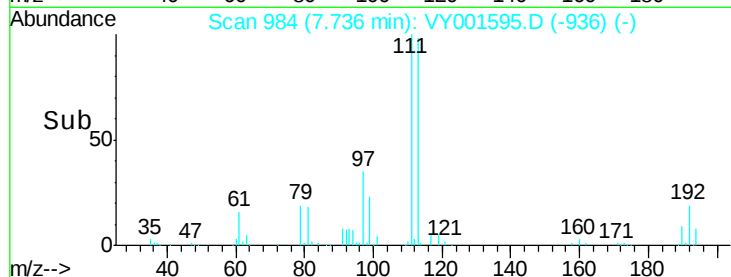
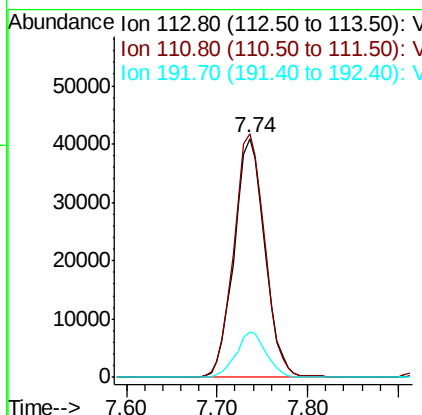
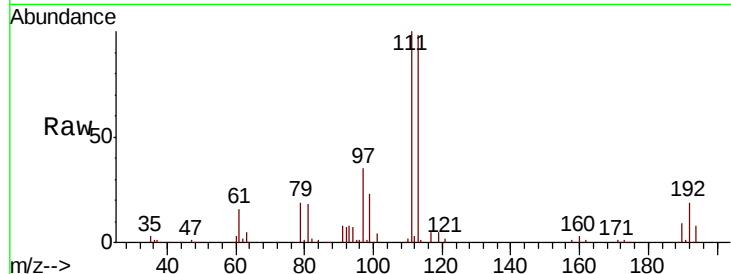
#35
Dibromofluoromethane
Concen: 48.317 ug/l
RT: 7.74 min Scan# 984
Delta R.T. -0.01 min
Lab File: VY001595.D
Acq: 11 Feb 2020 11:59

Instrument :
MSVOA_Y
ClientSampleId :
VY0211SBSD01

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.9	124.3
192	18.7	14.6	22.0

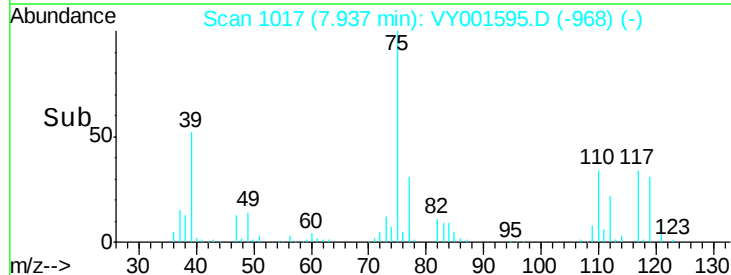
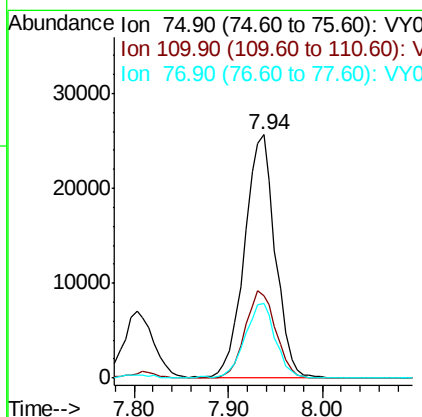
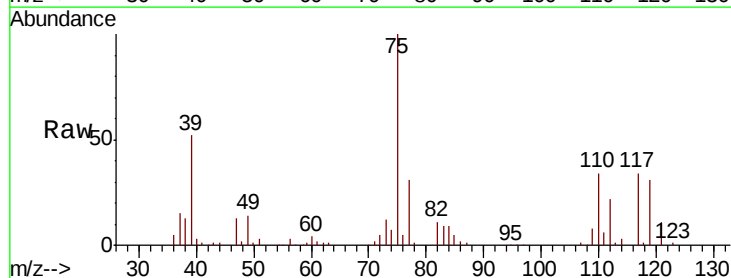
Manual Integrations
APPROVED

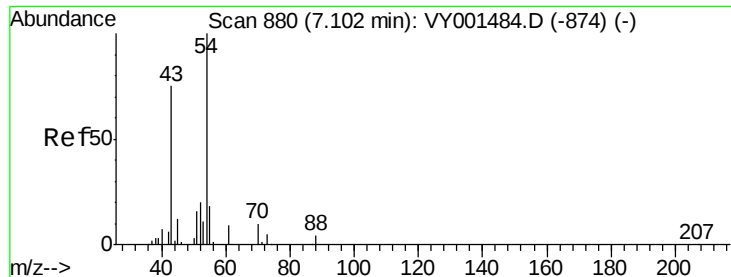
MMDadoda
2/12/2020 3:12:22 PM



#36
1,1-Dichloropropene
Concen: 18.626 ug/l
RT: 7.94 min Scan# 1017
Delta R.T. 0.00 min
Lab File: VY001595.D
Acq: 11 Feb 2020 11:59

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.6	18.2	54.6
77	30.7	25.0	37.4





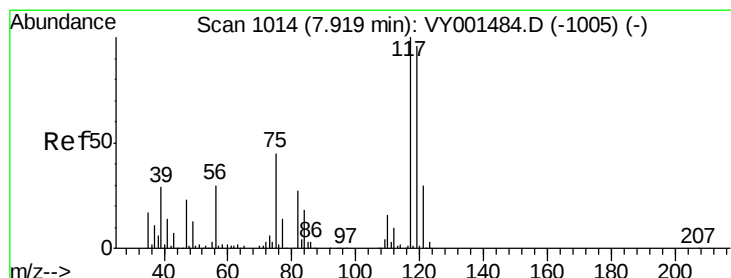
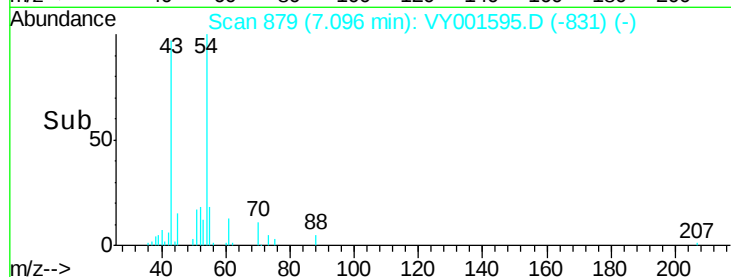
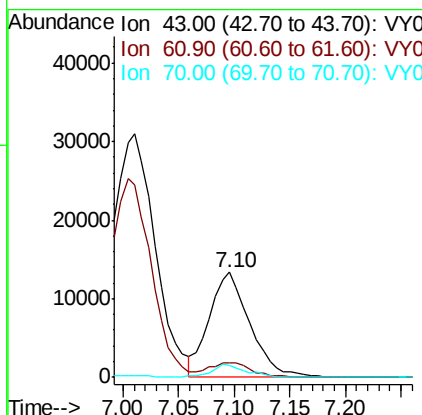
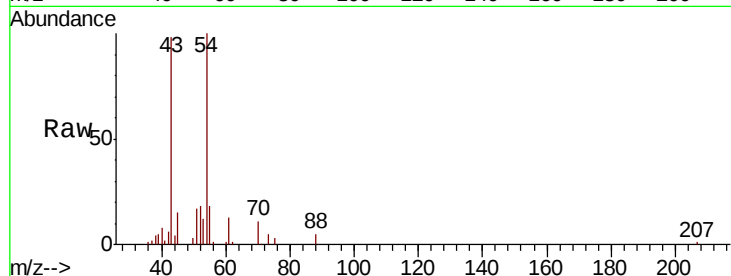
#37
Ethyl Acetate
Concen: 22.031 ug/l
RT: 7.10 min Scan# 879
Delta R.T. -0.01 min
Lab File: VY001595.D
Acq: 11 Feb 2020 11:59

Instrument :
MSVOA_Y
ClientSampleId :
VY0211SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.7	12.0	18.0
70	10.4	10.2	15.4

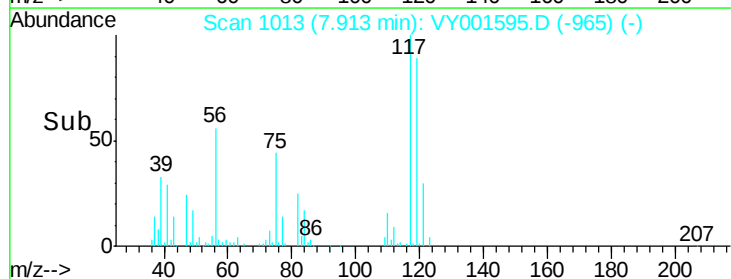
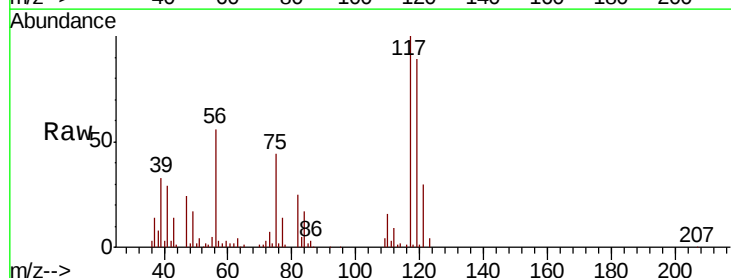
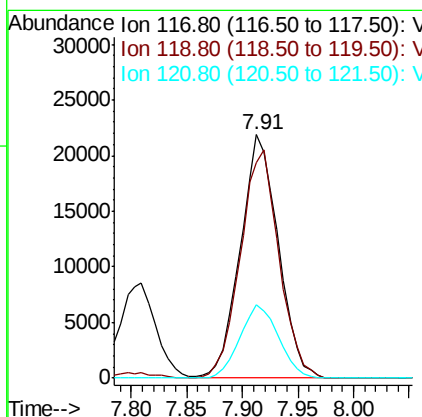
Manual Integrations
APPROVED

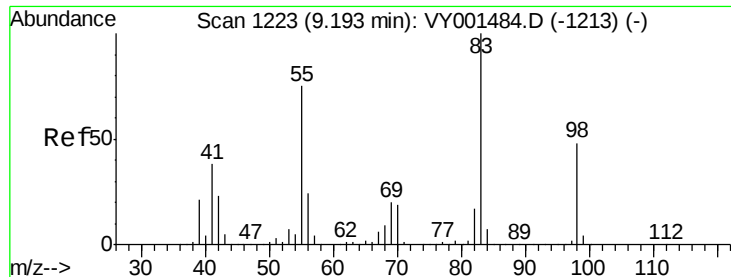
MMDadoda
2/12/2020 3:12:22 PM



#38
Carbon Tetrachloride
Concen: 16.955 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. -0.01 min
Lab File: VY001595.D
Acq: 11 Feb 2020 11:59

Tgt Ion	Ratio	Lower	Upper
117	100		
119	88.7	76.4	114.6
121	30.1	24.2	36.4





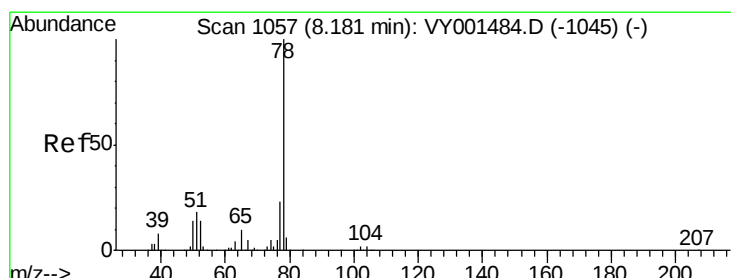
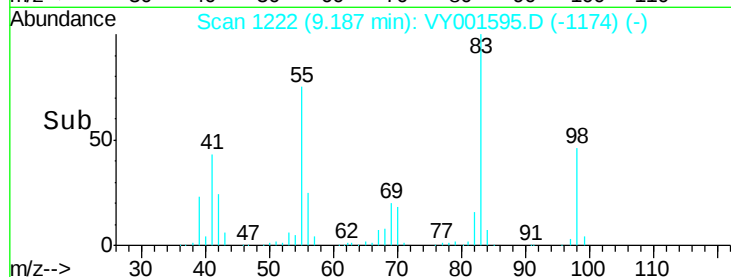
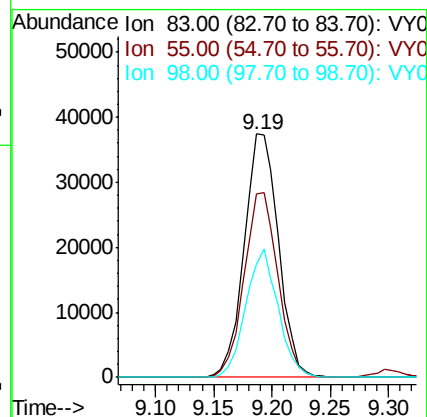
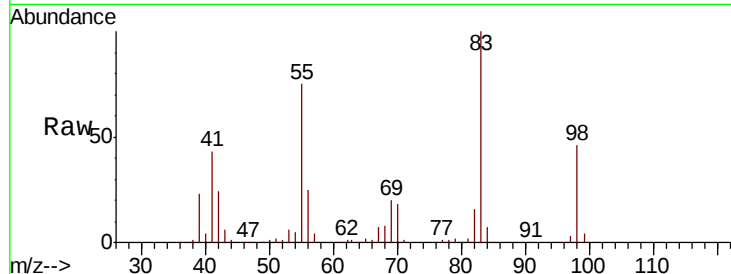
#39
Methvlcvclohexane
Concen: 18.492 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.01 min
Lab File: VY001595.D
Acq: 11 Feb 2020 11:59

Instrument :
MSVOA_Y
ClientSampleId :
VY0211SBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.2	59.8	89.6
98	46.4	38.6	57.8

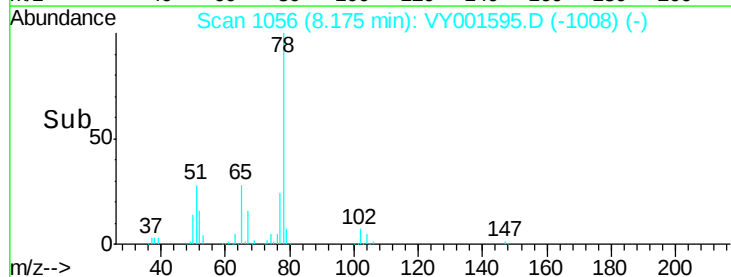
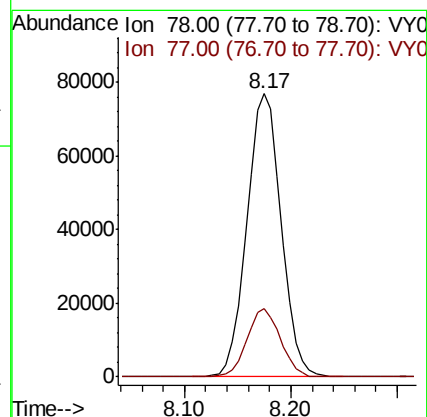
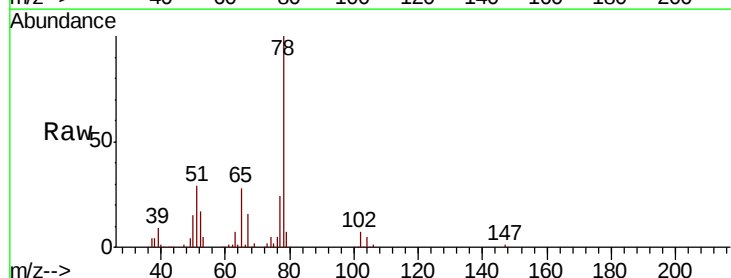
Manual Integrations
APPROVED

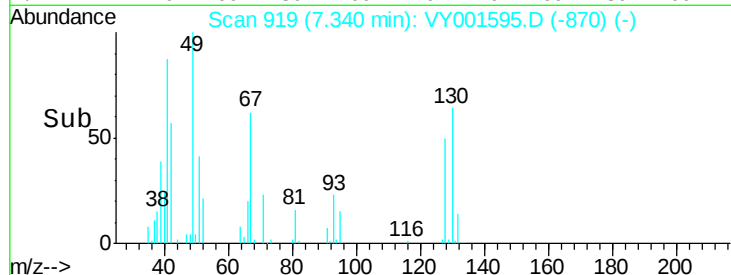
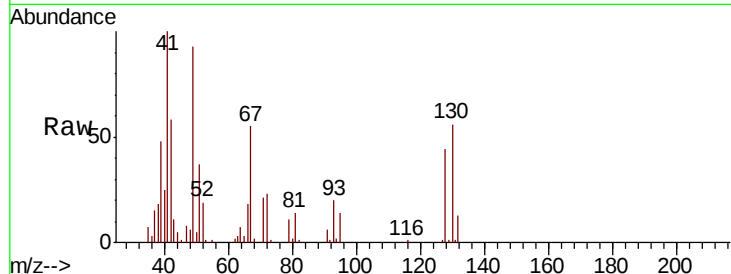
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#40
Benzene
Concen: 19.202 ug/l
RT: 8.17 min Scan# 1056
Delta R.T. -0.01 min
Lab File: VY001595.D
Acq: 11 Feb 2020 11:59

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	18.5	27.7





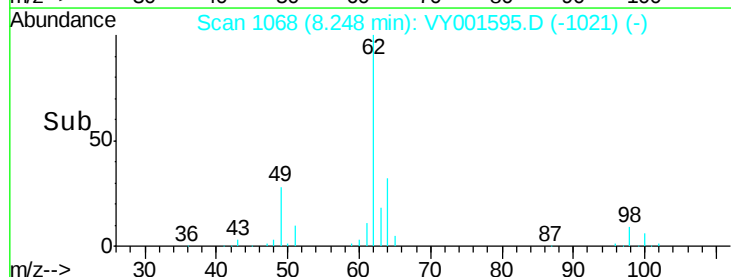
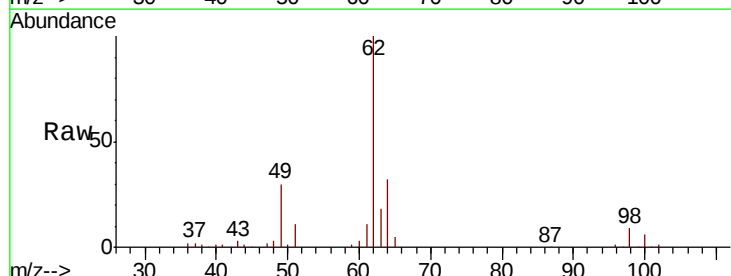
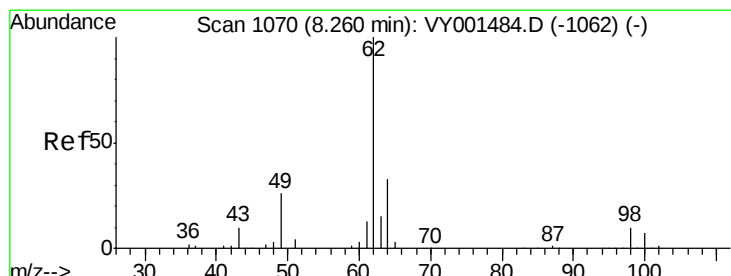
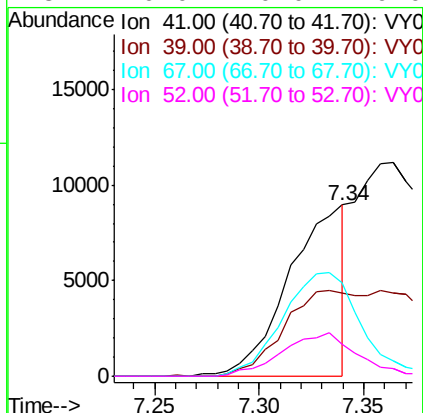
#41
Methacrylonitrile
Concen: 23.785 ug/l m
RT: 7.34 min Scan# 919
Delta R.T. 0.00 min
Lab File: VY001595.D
Acq: 11 Feb 2020 11:59

Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	116.8	175.2#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

Instrument :
MSVOA_Y
ClientSampleId :
VY0211SBS01

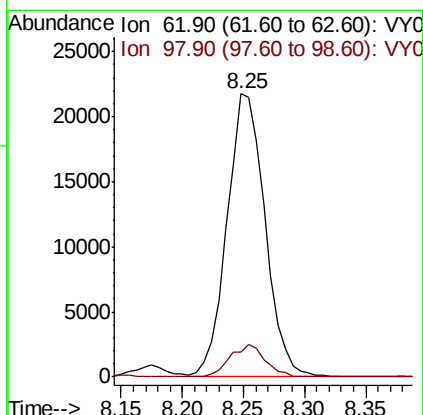
Manual Integrations
APPROVED

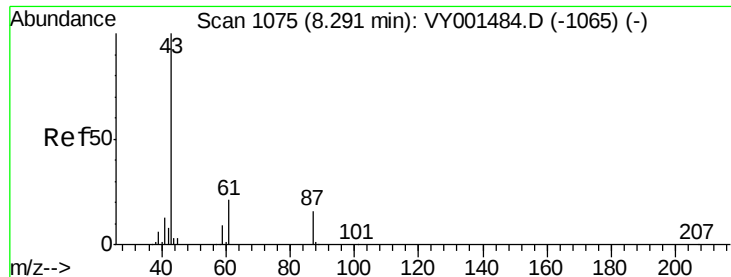
MMDadoda
2/12/2020 3:12:22 PM



#42
1,2-Dichloroethane
Concen: 18.645 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. -0.01 min
Lab File: VY001595.D
Acq: 11 Feb 2020 11:59

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	21.0





#43

Isopropyl Acetate

Concen: 21.748 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VY001595.D

Acq: 11 Feb 2020 11:59

Instrument :

MSVOA_Y

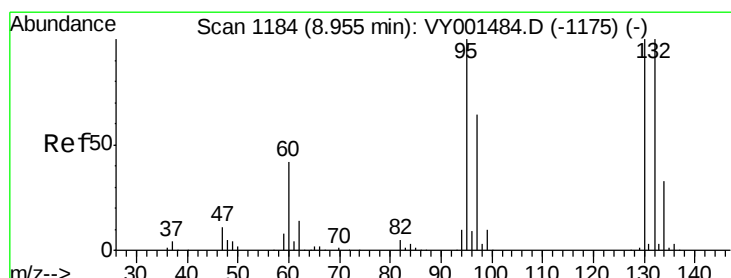
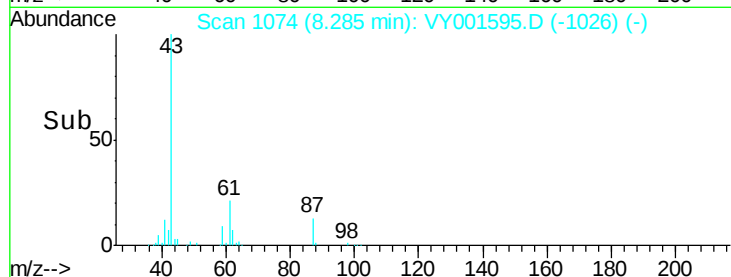
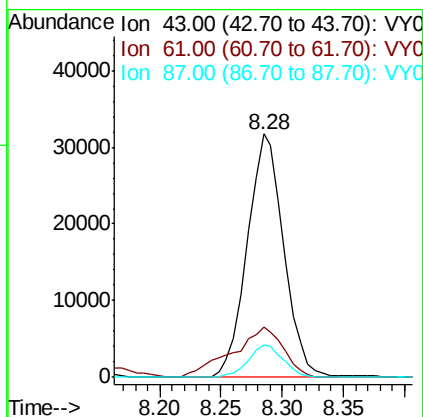
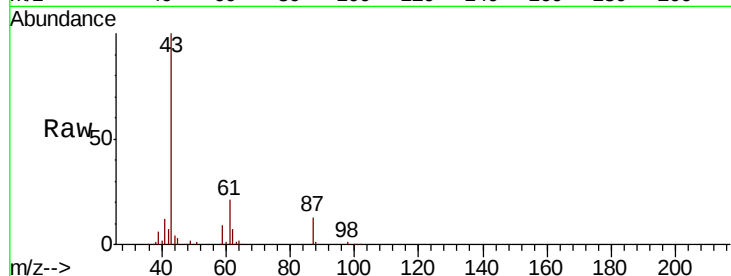
ClientSampleId :

VY0211SBSD01

Tot Ion:	43	Resp:	65847
Ion	Ratio	Lower	Upper
43	100		
61	28.9	25.1	37.7
87	13.1	12.6	19.0

Manual Integrations
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#44

Trichloroethene

Concen: 17.932 ug/l

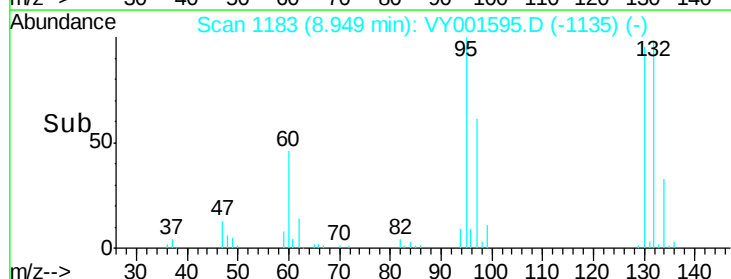
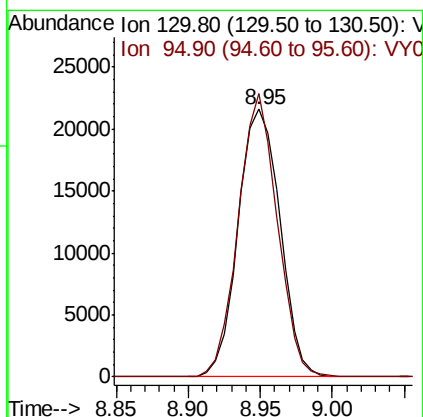
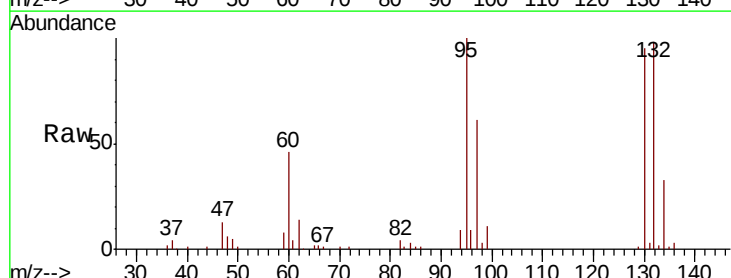
RT: 8.95 min Scan# 1183

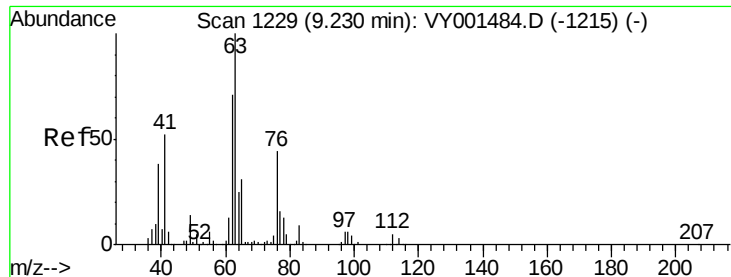
Delta R.T. -0.01 min

Lab File: VY001595.D

Acq: 11 Feb 2020 11:59

Tgt Ion:	130	Resp:	43551
Ion	Ratio	Lower	Upper
130	100		
95	105.7	0.0	199.2





#45

1,2-Dichloropropane

Concen: 20.277 ug/l

RT: 9.22 min Scan# 1228

Delta R.T. -0.01 min

Lab File: VY001595.D

Acq: 11 Feb 2020 11:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0211SBSD01

Tot Ion: 63 Resp: 44118

Ion Ratio Lower Upper

63 100

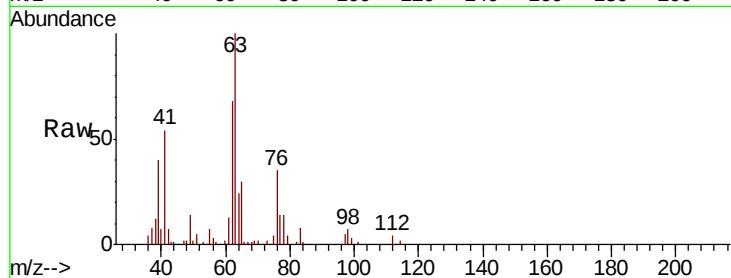
65 30.0 25.0 37.4

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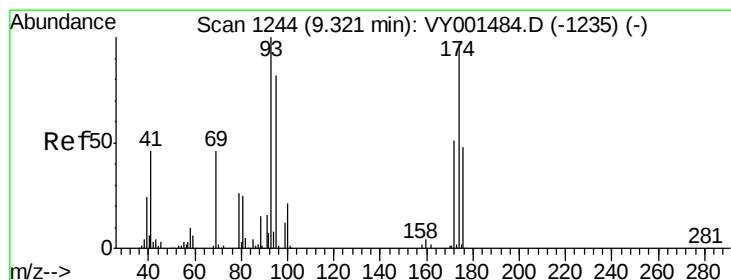
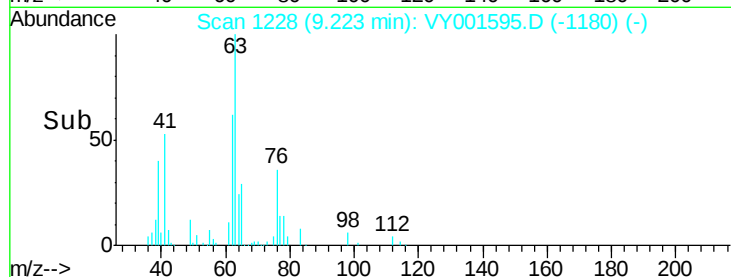
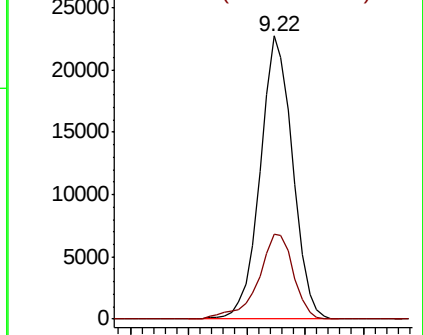
MMDadoda

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Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 18.840 ug/l

RT: 9.31 min Scan# 1243

Delta R.T. -0.01 min

Lab File: VY001595.D

Acq: 11 Feb 2020 11:59

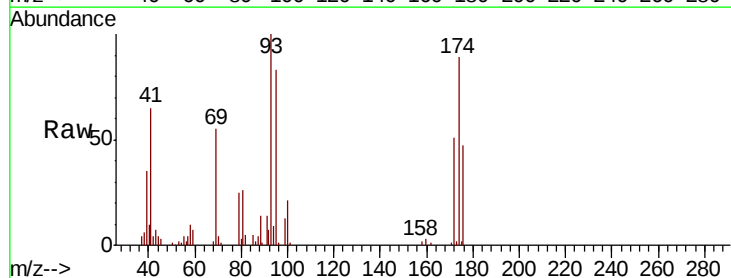
Tgt Ion: 93 Resp: 23017

Ion Ratio Lower Upper

93 100

95 83.0 66.6 99.8

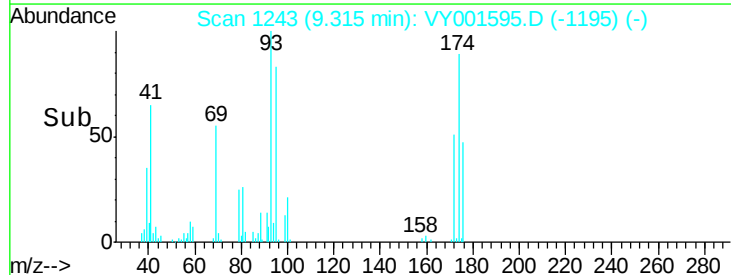
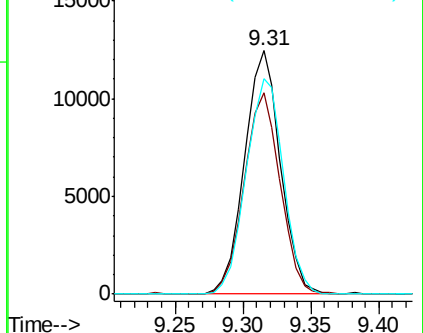
174 91.9 75.4 113.2

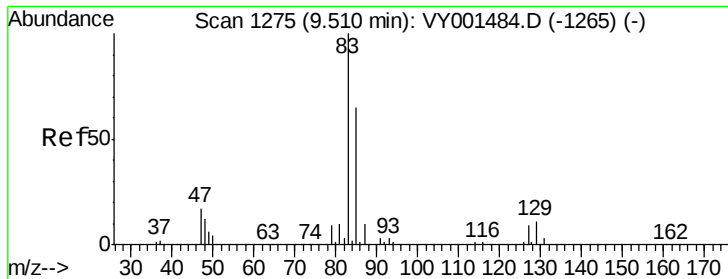


Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): VY0





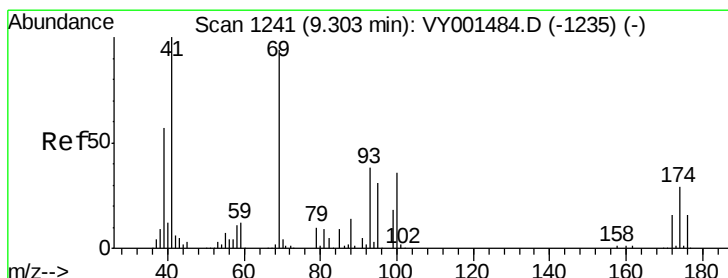
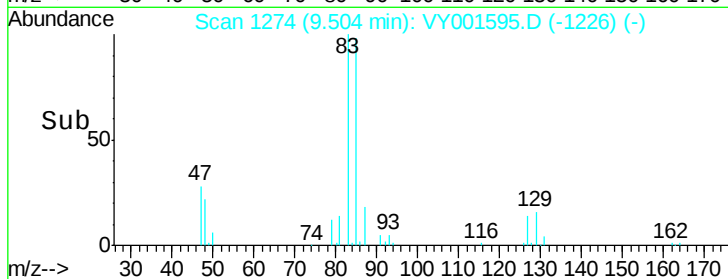
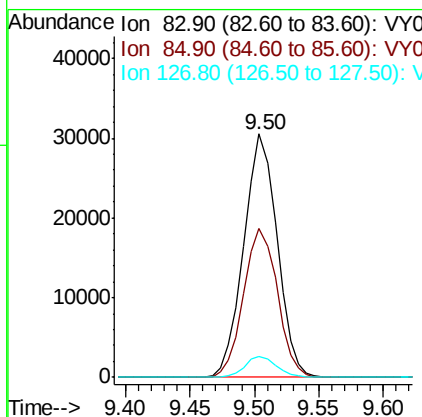
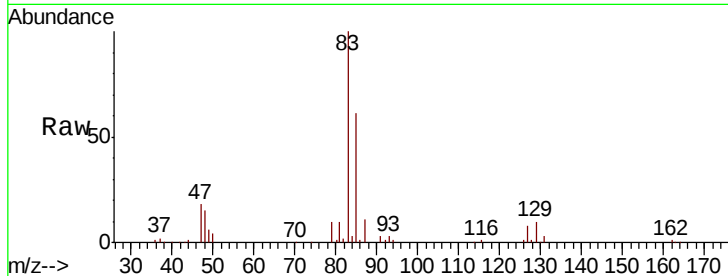
#47
Bromodichloromethane
Concen: 18.415 ug/l
RT: 9.50 min Scan# 1274
Delta R.T. -0.01 min
Lab File: VY001595.D
Acq: 11 Feb 2020 11:59

Instrument :
MSVOA_Y
ClientSampleId :
VY0211SBS01

Tot Ion	83	Resp	54817
Ion Ratio	100	Lower	Upper
83	100		
85	61.1	51.9	77.9
127	8.4	6.9	10.3

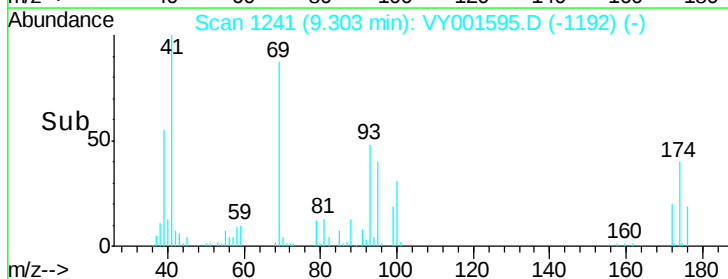
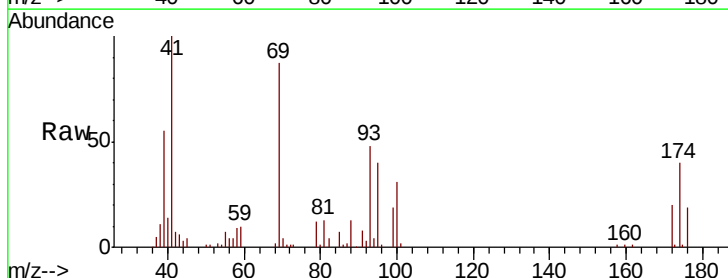
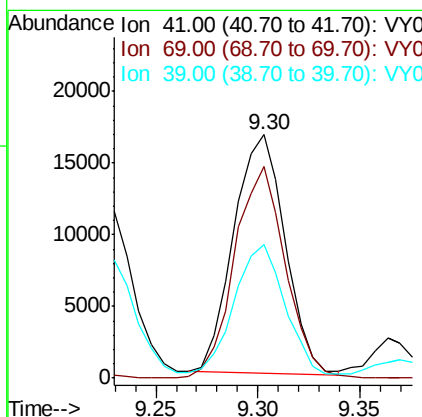
Manual Integrations
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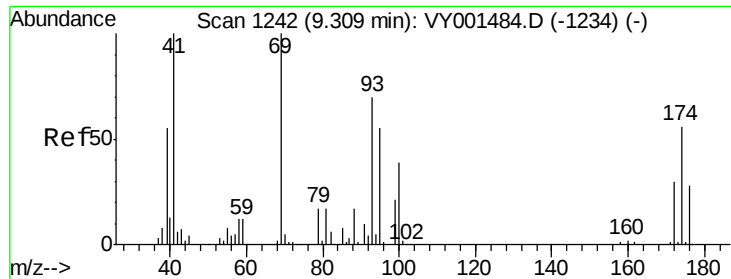
MMDadoda
2/12/2020 3:12:22 PM



#48
Methyl methacrylate
Concen: 21.188 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VY001595.D
Acq: 11 Feb 2020 11:59

Tgt Ion	41	Resp	29116
Ion Ratio	100	Lower	Upper
41	100		
69	87.9	76.6	114.8
39	57.2	45.4	68.0





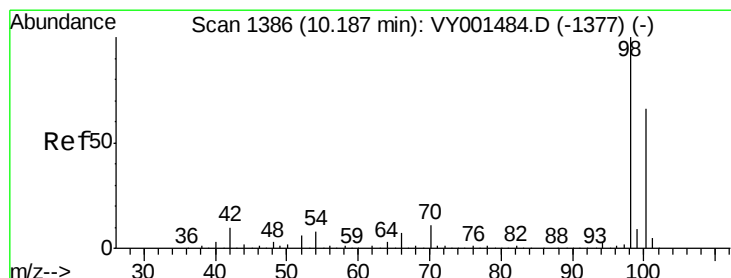
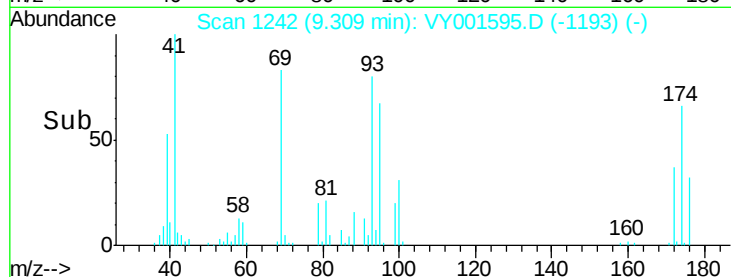
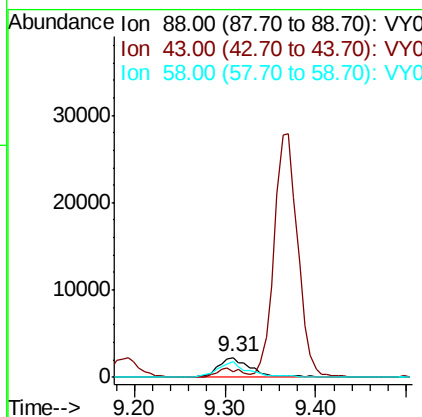
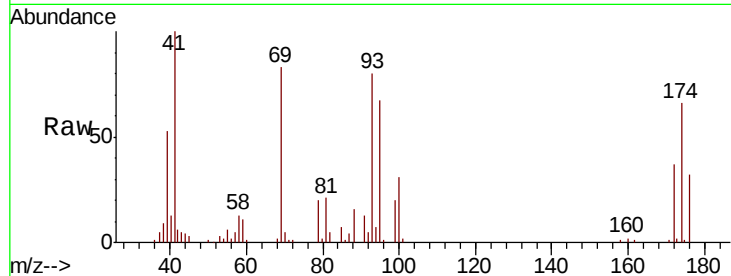
#49
1,4-Dioxane
Concen: 366.600 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.00 min
Lab File: VY001595.D
Acq: 11 Feb 2020 11:59

Instrument :
MSVOA_Y
ClientSampleId :
VY0211SBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.7	24.8	37.2
58	70.4	59.3	88.9

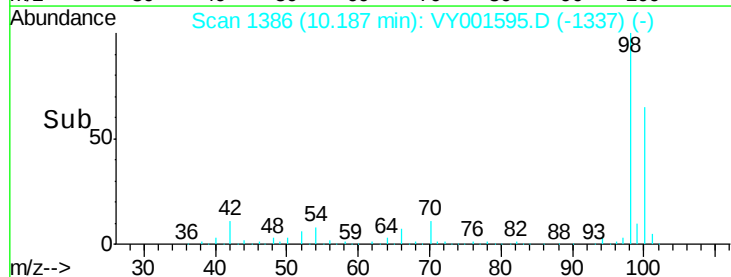
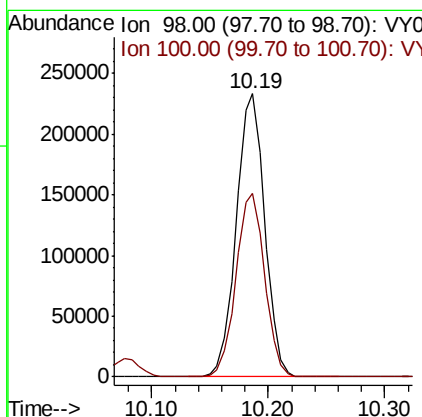
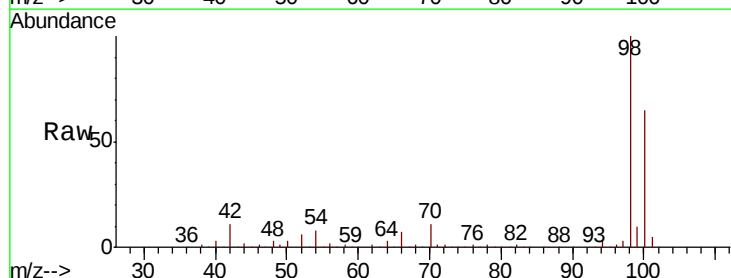
Manual Integrations
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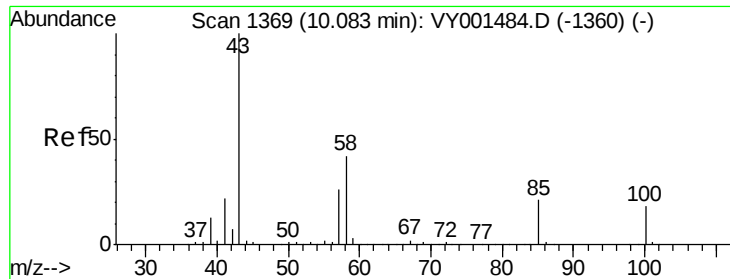
MMDadoda
2/12/2020 3:12:22 PM



#50
Toluene-d8
Concen: 52.636 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. 0.00 min
Lab File: VY001595.D
Acq: 11 Feb 2020 11:59

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.4	53.0	79.6





#51

4-Methyl-2-Pentanone

Concen: 112.823 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. -0.01 min

Lab File: VY001595.D

Acq: 11 Feb 2020 11:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0211SBSD01

Tot Ion: 43 Resp: 168228

Ion Ratio Lower Upper

43 100

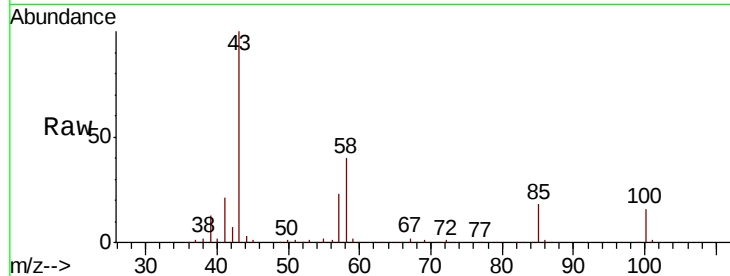
58 38.6 33.9 50.9

Manual Integrations

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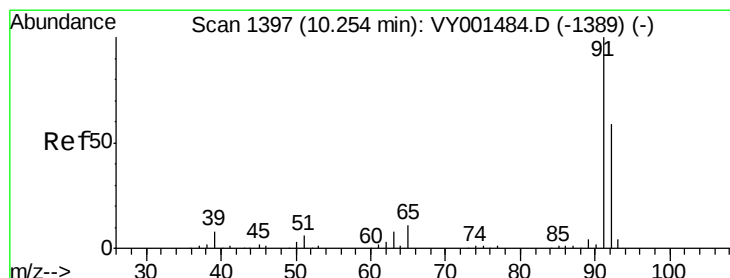
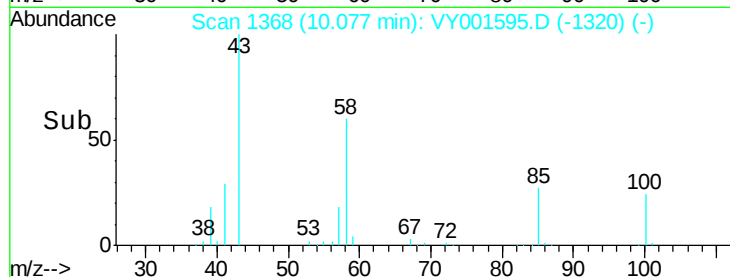
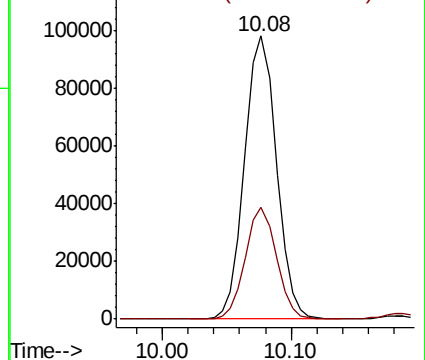
MMDadoda

2/12/2020 3:12:22 PM



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#52

Toluene

Concen: 18.932 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. -0.01 min

Lab File: VY001595.D

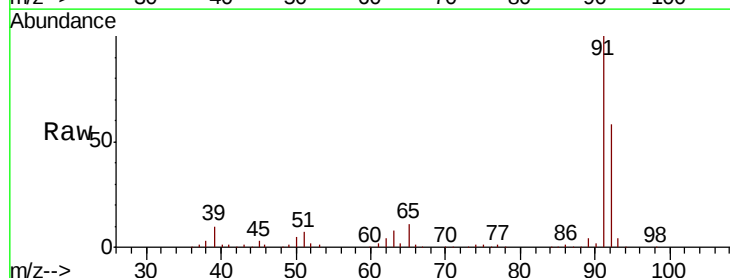
Acq: 11 Feb 2020 11:59

Tgt Ion: 92 Resp: 108233

Ion Ratio Lower Upper

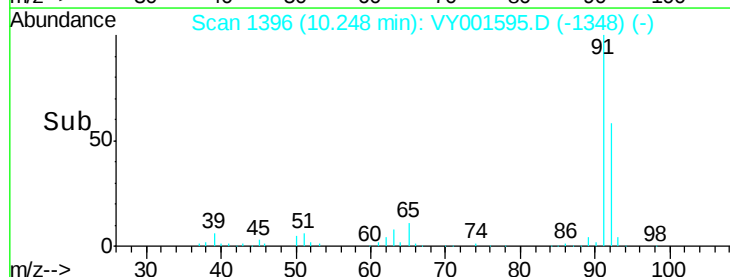
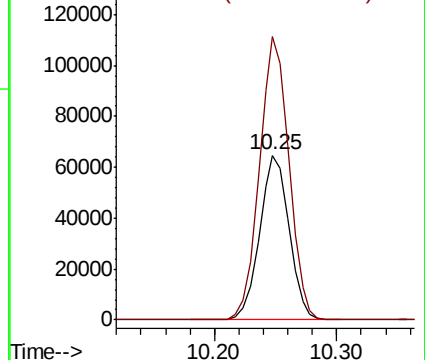
92 100

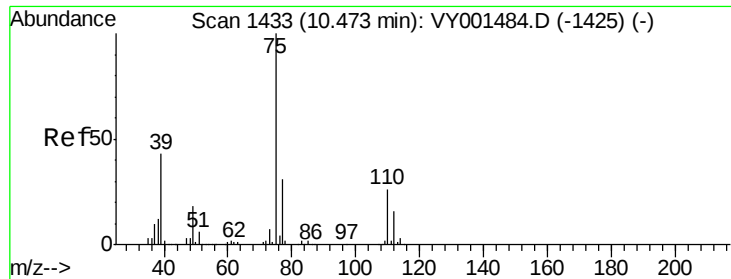
91 172.4 136.6 204.8



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0





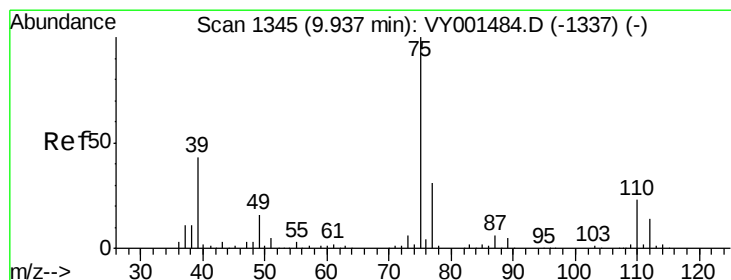
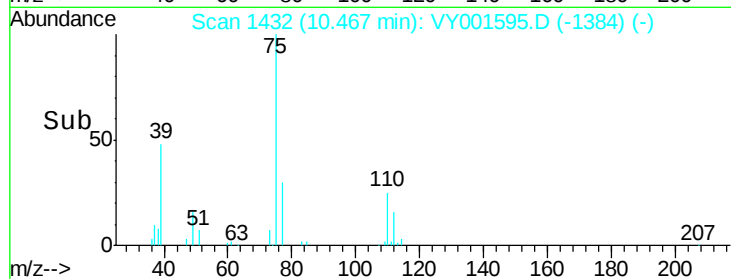
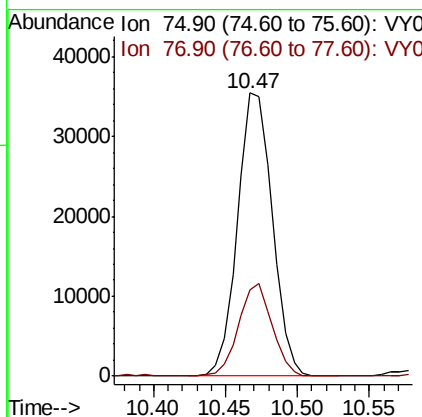
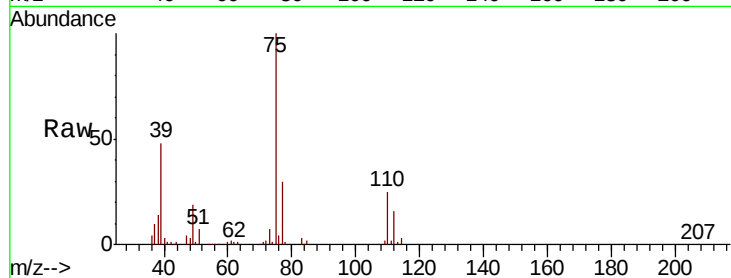
#53
t-1,3-Dichloropropene
Concen: 18.323 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. -0.01 min
Lab File: VY001595.D
Acq: 11 Feb 2020 11:59

Instrument :
MSVOA_Y
ClientSampleId :
VY0211SBS01

Tot Ion: 75 Resp: 59409
Ion Ratio Lower Upper
75 100
77 30.5 24.9 37.3

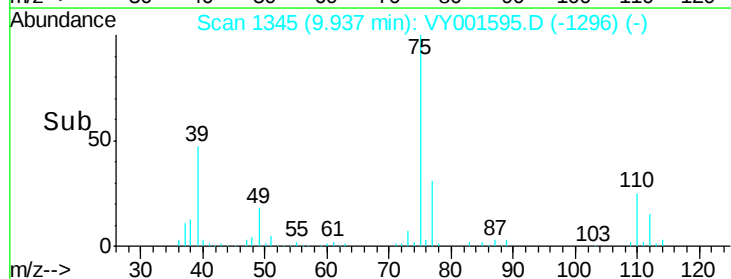
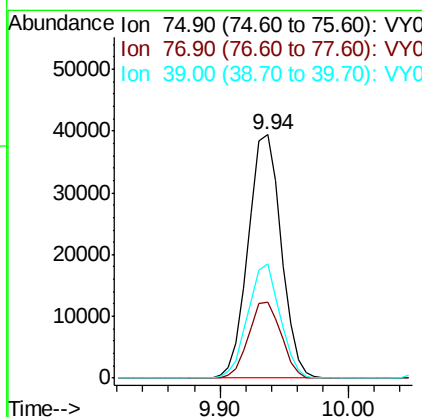
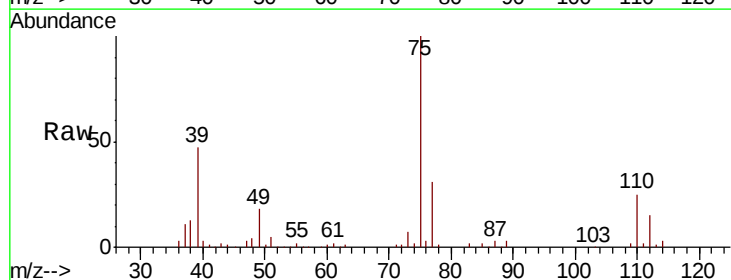
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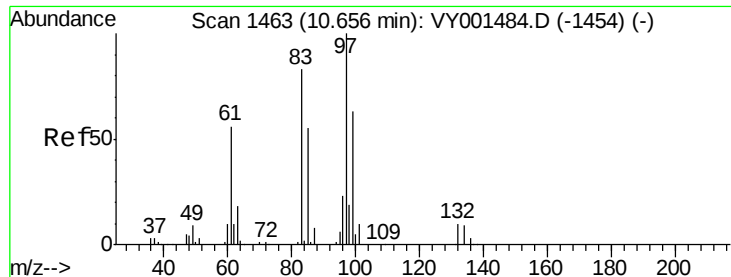
MMDadoda
2/12/2020 3:12:22 PM



#54
cis-1,3-Dichloropropene
Concen: 18.710 ug/l
RT: 9.94 min Scan# 1345
Delta R.T. 0.00 min
Lab File: VY001595.D
Acq: 11 Feb 2020 11:59

Tgt Ion: 75 Resp: 69643
Ion Ratio Lower Upper
75 100
77 31.1 24.7 37.1
39 47.1 34.0 51.0





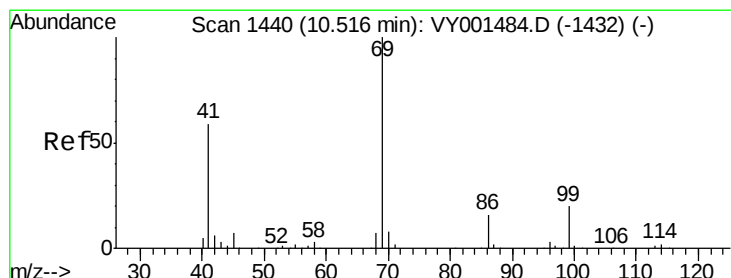
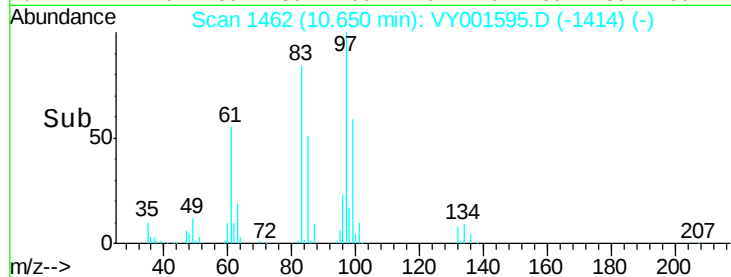
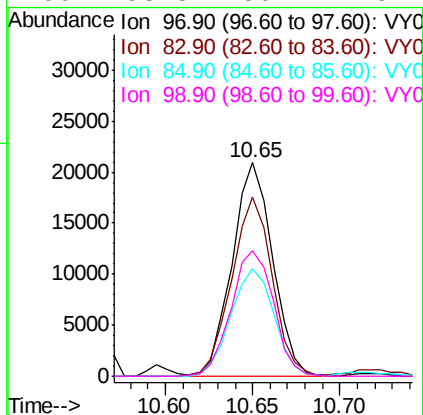
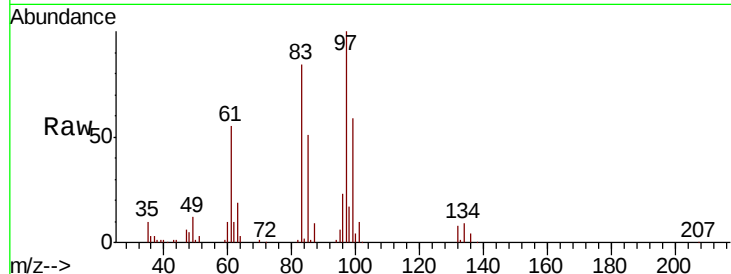
#55
 1,1,2-Trichloroethane
 Concen: 19.304 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: VY001595.D
 Acq: 11 Feb 2020 11:59

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0211SBSD01

Tot Ion:	97	Resp:	33837
Ion	Ratio	Lower	Upper
97	100		
83	83.8	66.2	99.2
85	50.2	43.8	65.6
99	58.8	50.1	75.1

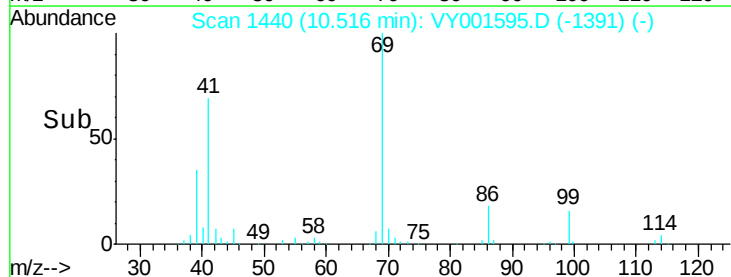
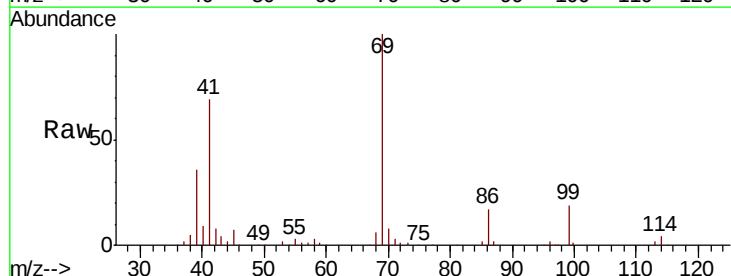
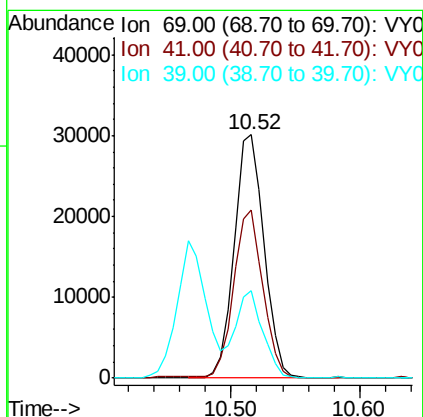
Manual Integrations
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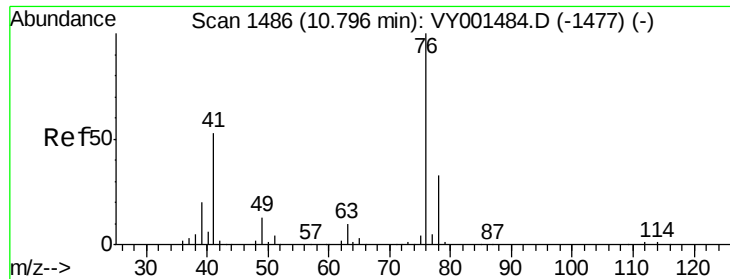
MMDadoda
 2/12/2020 3:12:22 PM



#56
 Ethyl methacrylate
 Concen: 19.436 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VY001595.D
 Acq: 11 Feb 2020 11:59

Tgt Ion:	69	Resp:	48457
Ion	Ratio	Lower	Upper
69	100		
41	67.1	47.8	71.8
39	34.1	24.4	36.6





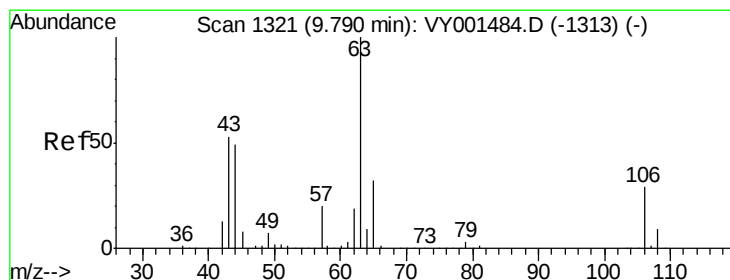
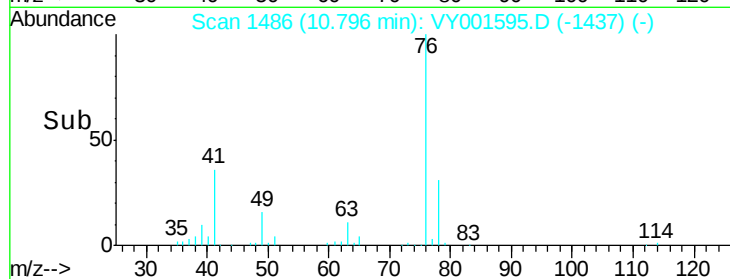
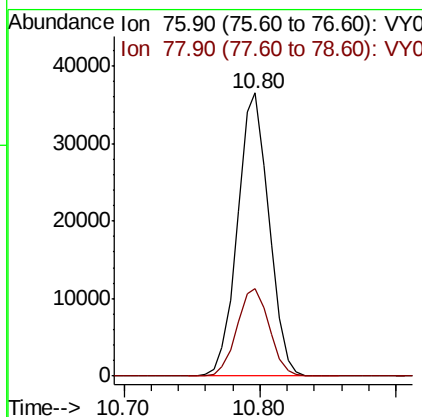
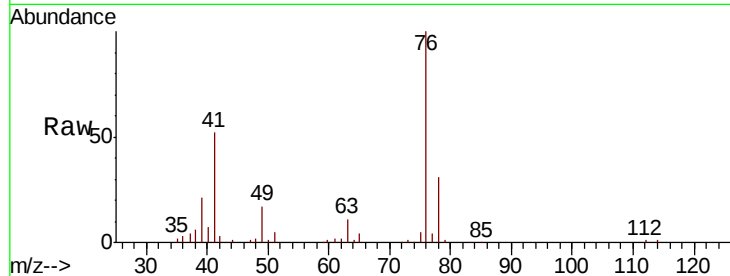
#57
 1,3-Dichloropropane
 Concen: 19.058 ug/l
 RT: 10.80 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VY001595.D
 Acq: 11 Feb 2020 11:59

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0211SBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.7	25.7	38.5

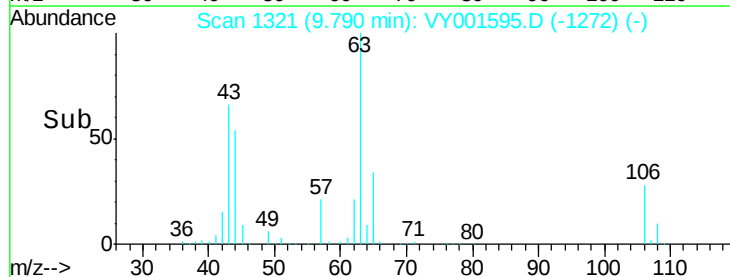
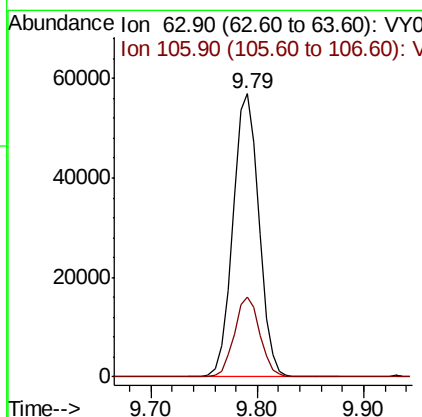
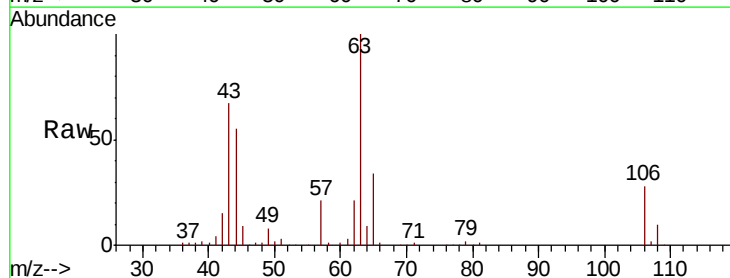
Manual Integrations
 APPROVED

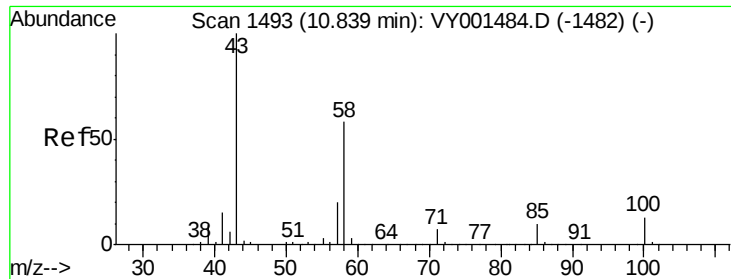
MMDadoda
 2/12/2020 3:12:22 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 106.254 ug/l
 RT: 9.79 min Scan# 1321
 Delta R.T. 0.00 min
 Lab File: VY001595.D
 Acq: 11 Feb 2020 11:59

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.8	24.0	36.0





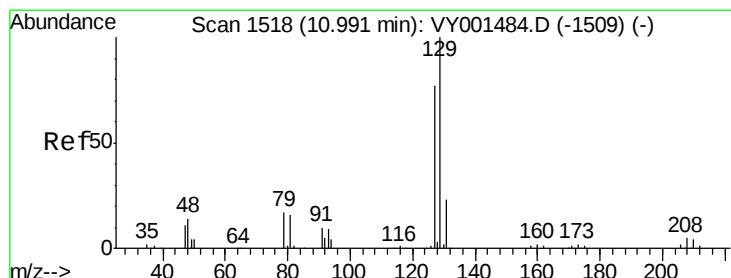
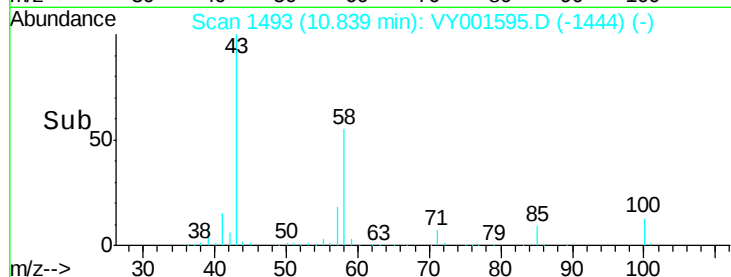
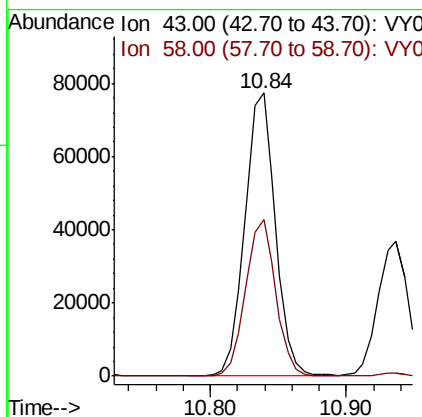
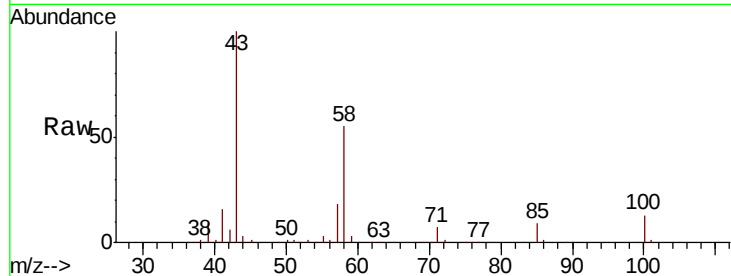
#59
2-Hexanone
Concen: 111.923 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VY001595.D
Acq: 11 Feb 2020 11:59

Instrument :
MSVOA_Y
ClientSampleId :
VY0211SBSD01

Tot Ion: 43 Resp: 121341
Ion Ratio Lower Upper
43 100
58 54.8 29.0 87.0

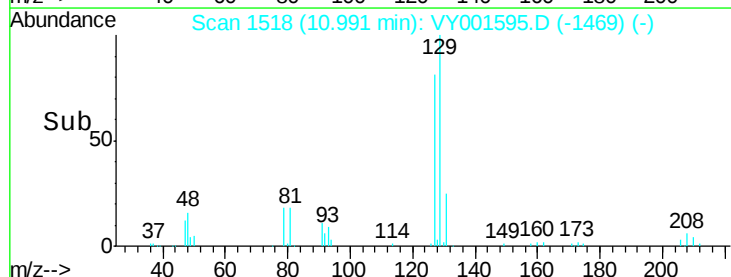
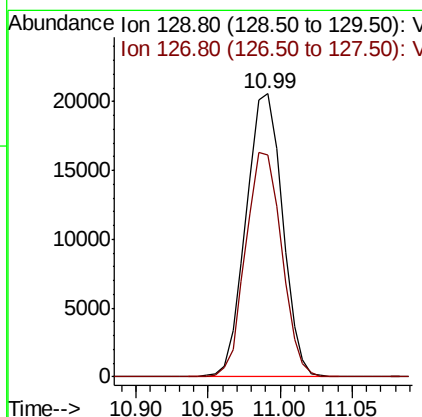
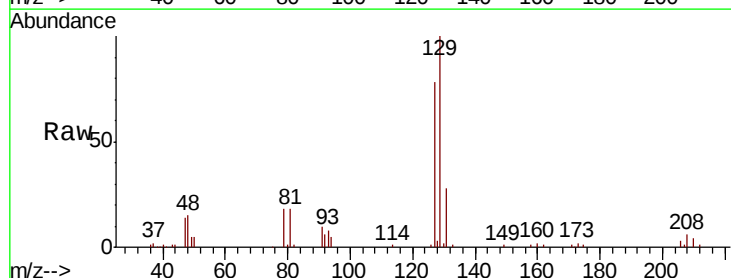
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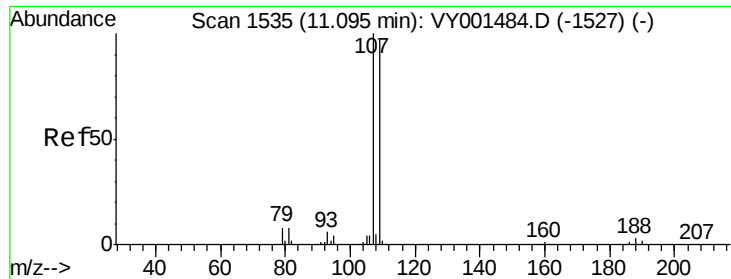
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#60
Dibromochloromethane
Concen: 17.474 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VY001595.D
Acq: 11 Feb 2020 11:59

Tgt Ion: 129 Resp: 36105
Ion Ratio Lower Upper
129 100
127 78.5 38.9 116.6





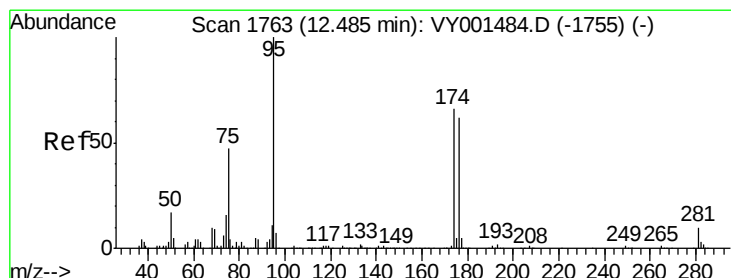
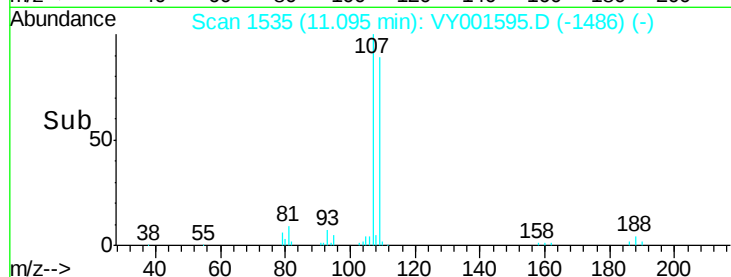
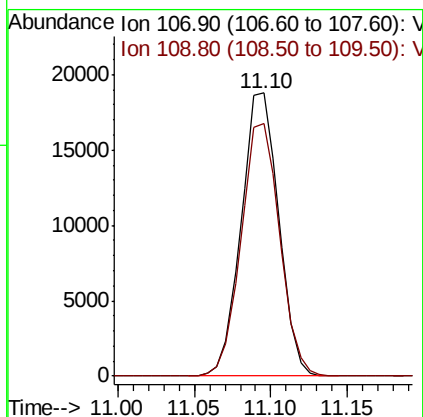
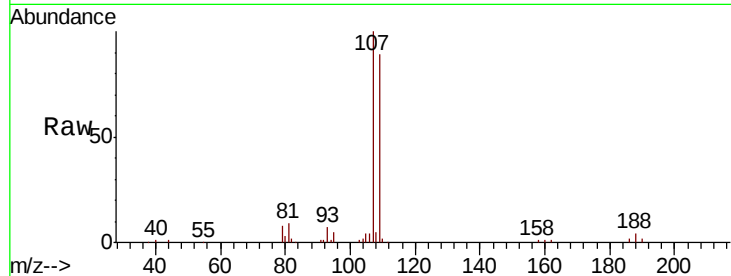
#61
 1,2-Dibromoethane
 Concen: 18.597 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VY001595.D
 Acq: 11 Feb 2020 11:59

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0211SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	91.8	76.2	114.2

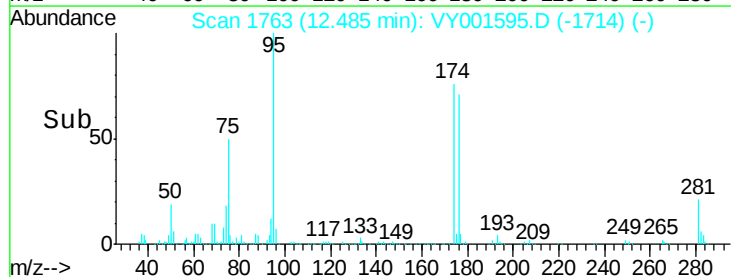
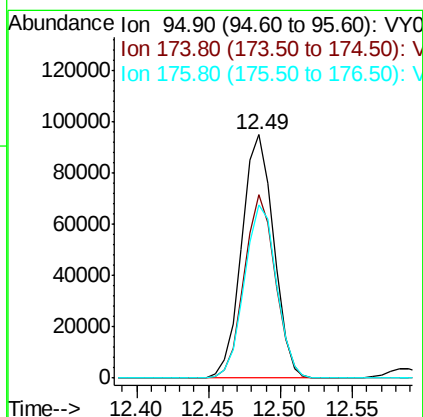
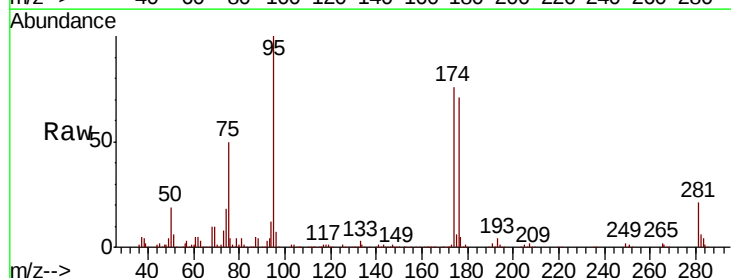
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 2/12/2020 3:12:22 PM



#62
 4-Bromofluorobenzene
 Concen: 49.158 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. 0.00 min
 Lab File: VY001595.D
 Acq: 11 Feb 2020 11:59

Tgt Ion	Ratio	Lower	Upper
95	100		
174	72.9	0.0	141.4
176	71.1	0.0	135.4





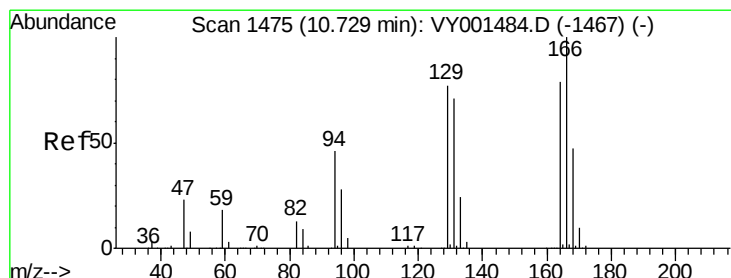
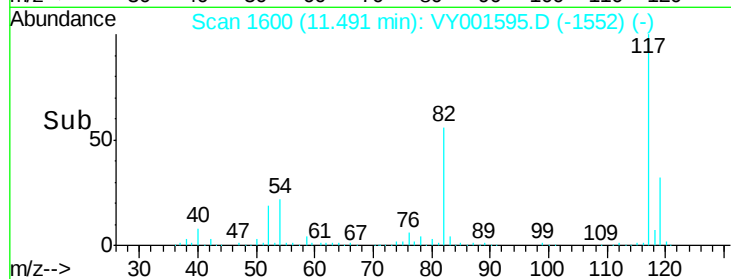
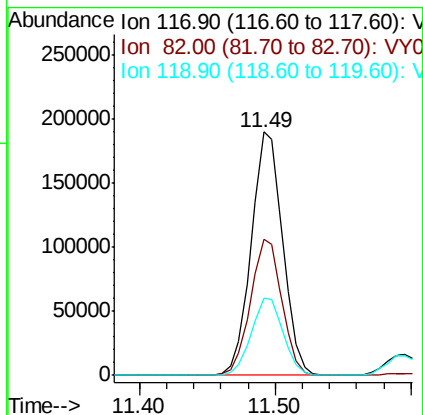
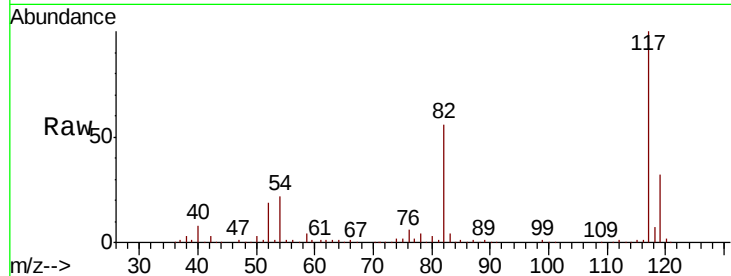
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY001595.D
Acq: 11 Feb 2020 11:59

Instrument :
MSVOA_Y
ClientSampleId :
VY0211SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	308172		
82	56.0	46.1	69.1	
119	31.7	26.1	39.1	

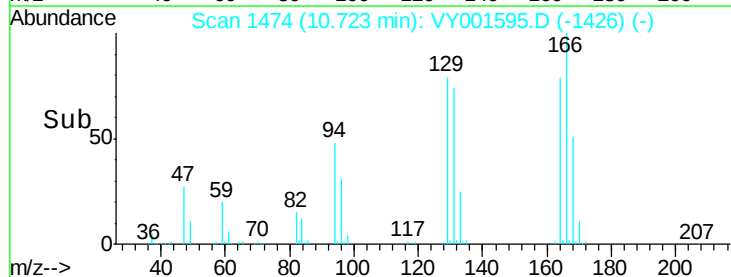
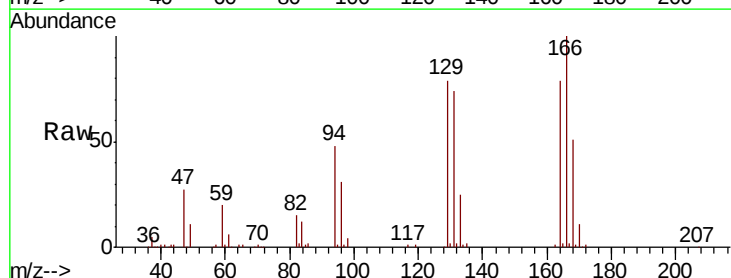
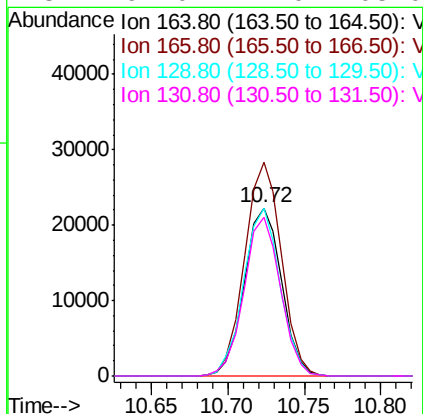
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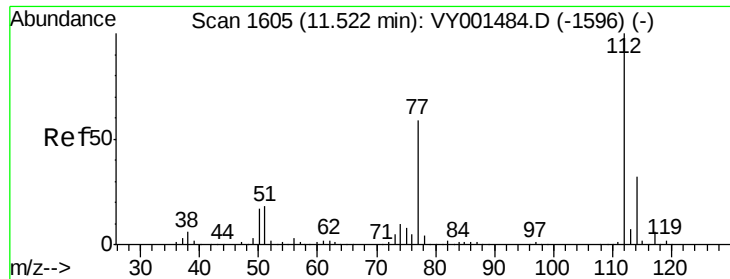
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#64
Tetrachloroethene
Concen: 18.749 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.01 min
Lab File: VY001595.D
Acq: 11 Feb 2020 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	37892		
166	127.0	100.8	151.2	
129	99.8	77.8	116.6	
131	94.0	72.0	108.0	





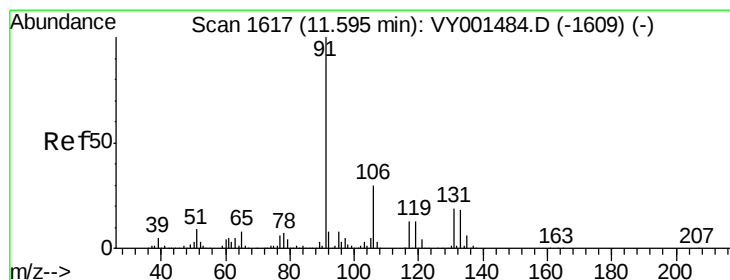
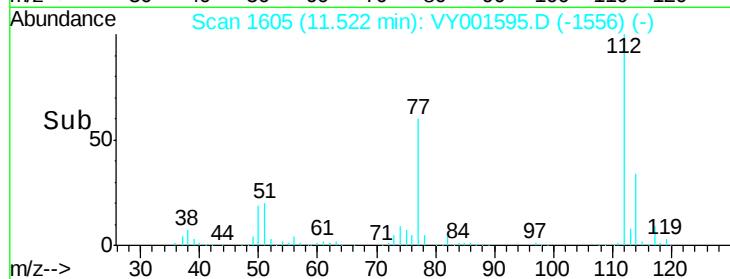
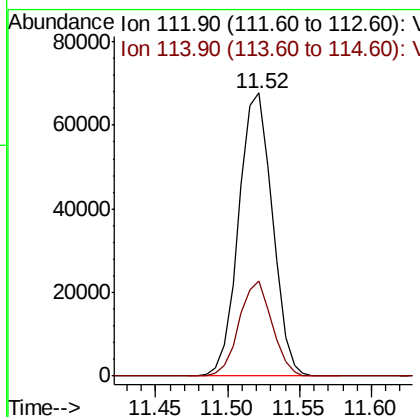
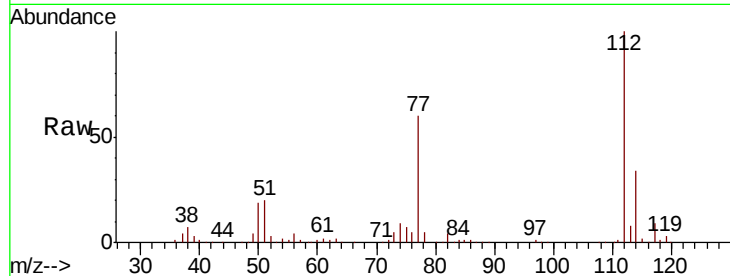
#65
Chlorobenzene
Concen: 18.204 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VY001595.D
Acq: 11 Feb 2020 11:59

Instrument :
MSVOA_Y
ClientSampleId :
VY0211SBSD01

Tot Ion:112 Resp: 110149
Ion Ratio Lower Upper
112 100
114 33.6 25.4 38.2

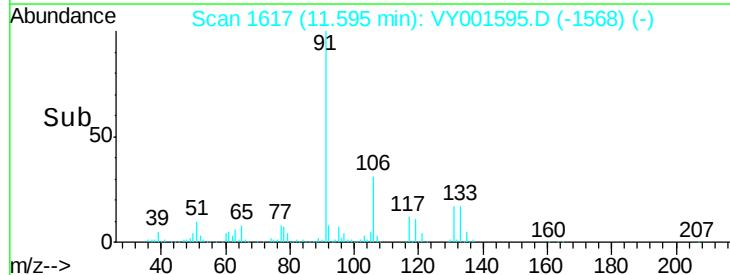
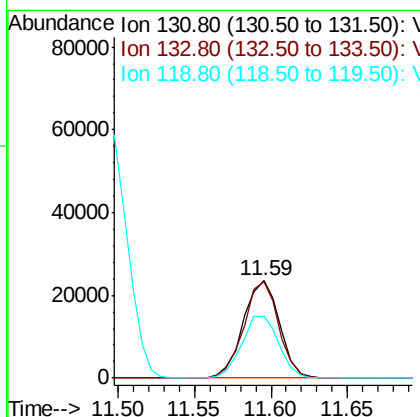
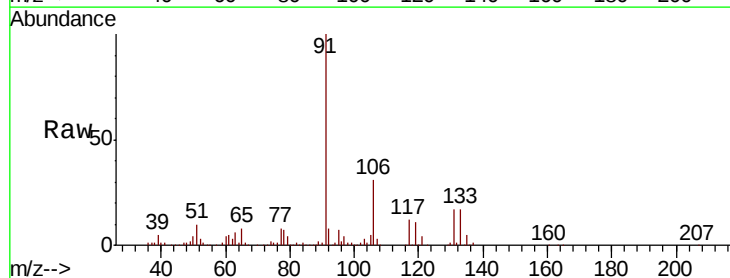
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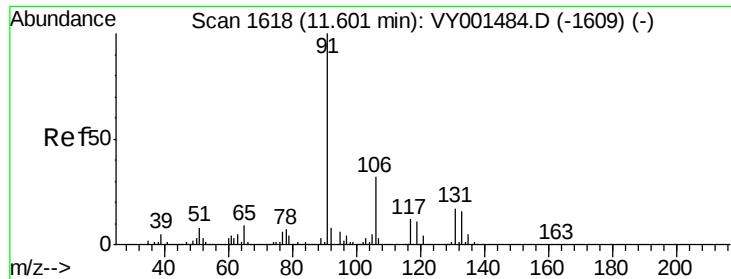
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.199 ug/l
RT: 11.59 min Scan# 1617
Delta R.T. 0.00 min
Lab File: VY001595.D
Acq: 11 Feb 2020 11:59

Tgt Ion:131 Resp: 38541
Ion Ratio Lower Upper
131 100
133 96.2 47.9 143.8
119 65.7 33.7 101.0





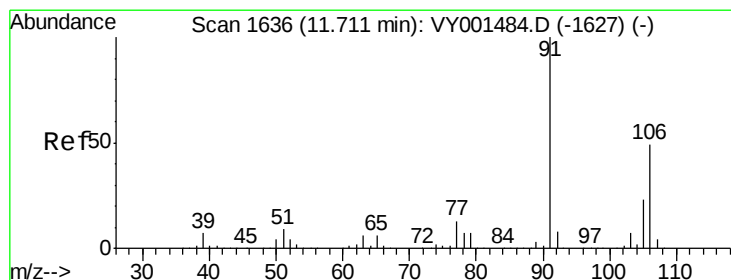
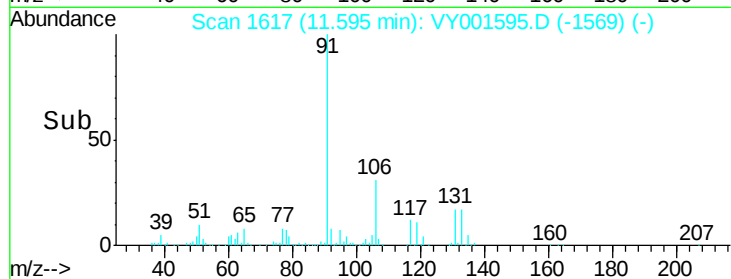
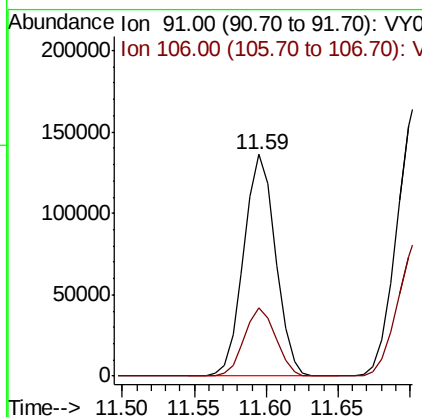
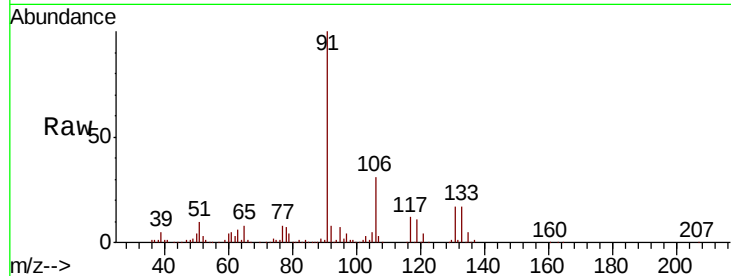
#67
Ethyl Benzene
Concen: 18.623 ug/l
RT: 11.59 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY001595.D
Acq: 11 Feb 2020 11:59

Instrument :
MSVOA_Y
ClientSampleId :
VY0211SBS01

Tot Ion: 91 Resp: 208358
Ion Ratio Lower Upper
91 100
106 31.1 25.3 37.9

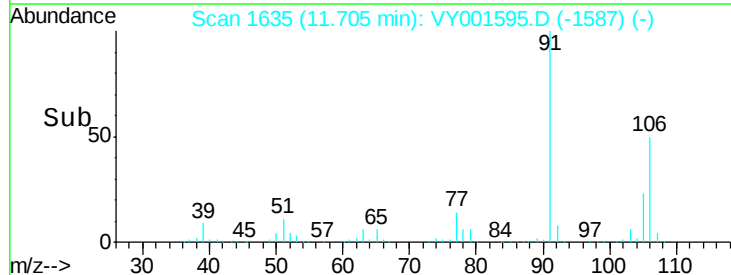
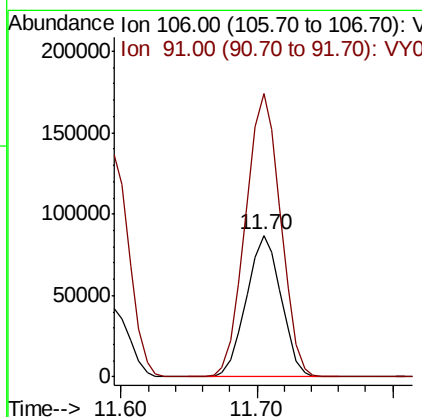
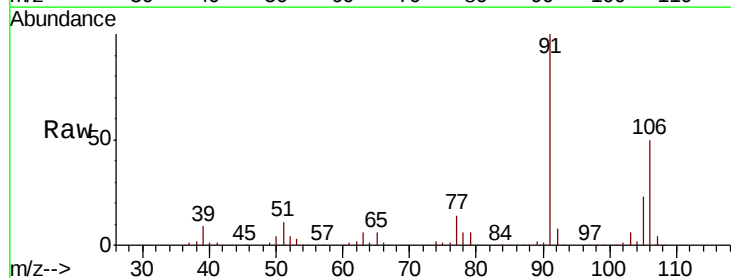
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#68
m/p-Xylenes
Concen: 37.066 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VY001595.D
Acq: 11 Feb 2020 11:59

Tgt Ion: 106 Resp: 155678
Ion Ratio Lower Upper
106 100
91 202.2 163.6 245.4





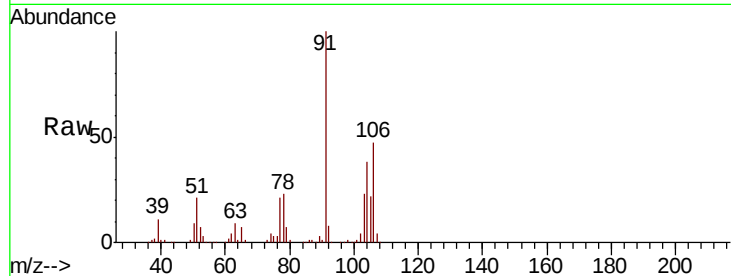
#69
o-Xylene
Concen: 18.782 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VY001595.D
Acq: 11 Feb 2020 11:59

Instrument :
MSVOA_Y
ClientSampleId :
VY0211SBSD01

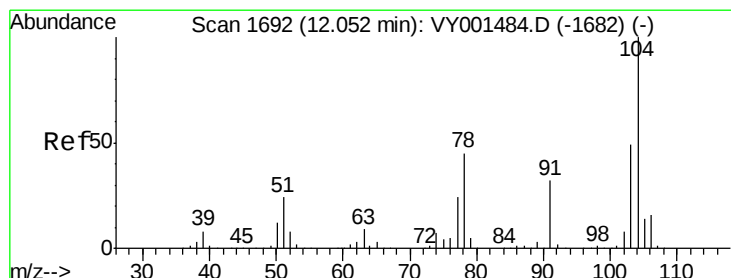
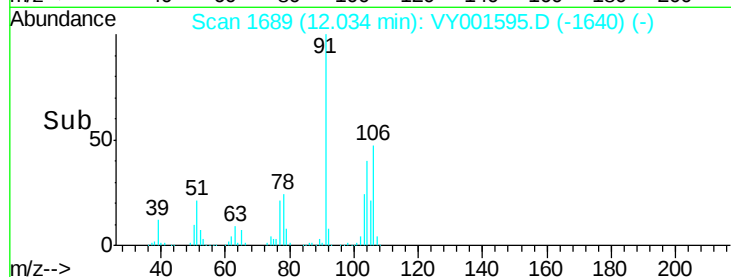
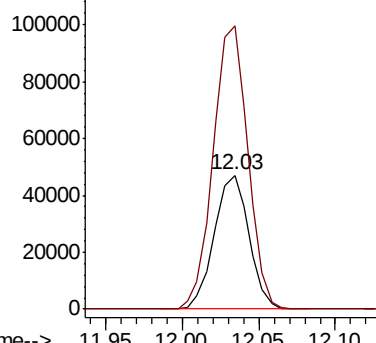
Tot Ion:106 Resp: 74376
Ion Ratio Lower Upper
106 100
91 210.8 106.0 318.0

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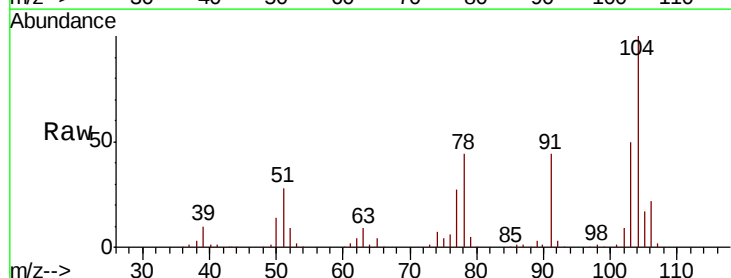


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

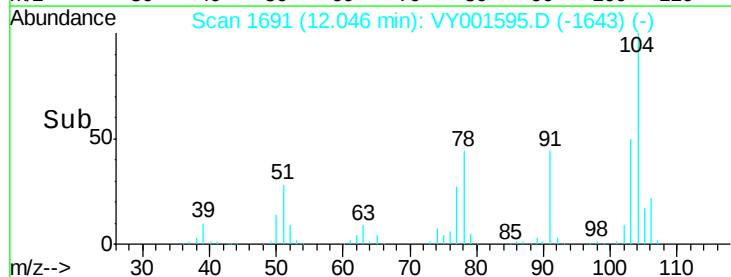
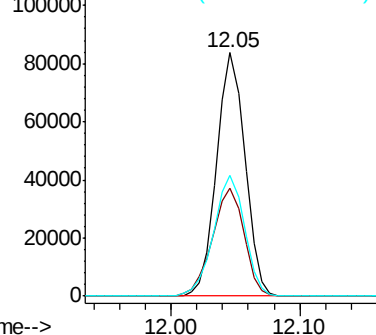


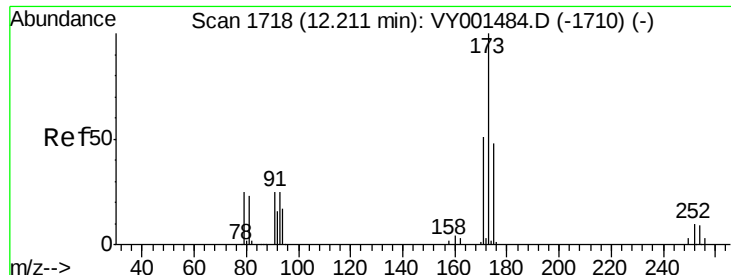
#70
Styrene
Concen: 18.583 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.01 min
Lab File: VY001595.D
Acq: 11 Feb 2020 11:59

Tgt Ion:104 Resp: 127261
Ion Ratio Lower Upper
104 100
78 49.4 40.4 60.6
103 54.2 42.8 64.2



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: 18.051 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.00 min

Lab File: VY001595.D

Acq: 11 Feb 2020 11:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0211SBSD01

Tot Ion:173 Resp: 21286

Ion Ratio Lower Upper

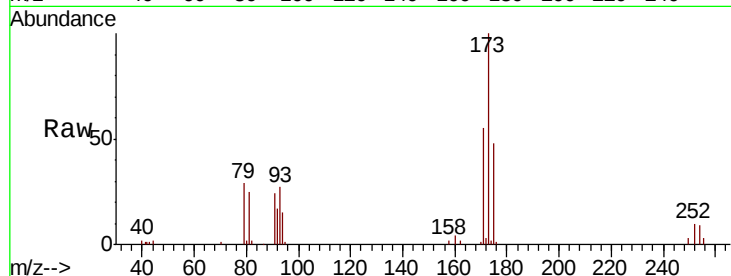
173 100

175 47.7 24.0 72.0

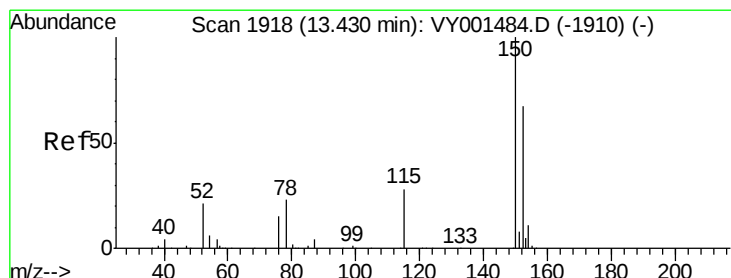
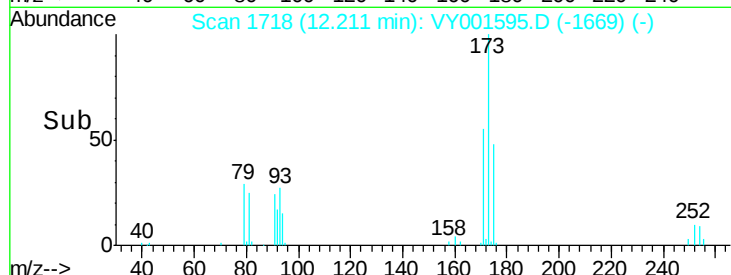
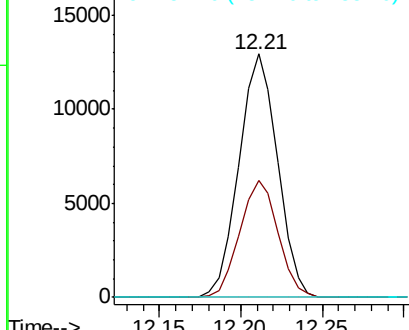
254 0.0 0.1 0.1#

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. 0.00 min

Lab File: VY001595.D

Acq: 11 Feb 2020 11:59

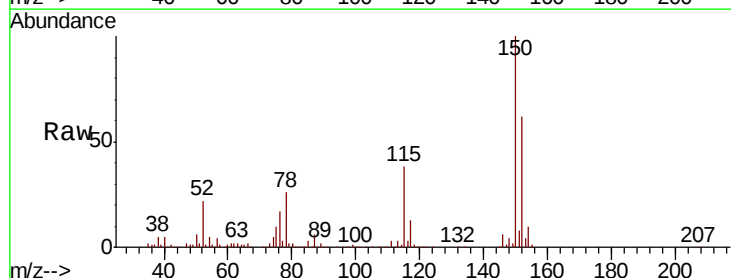
Tgt Ion:152 Resp: 147967

Ion Ratio Lower Upper

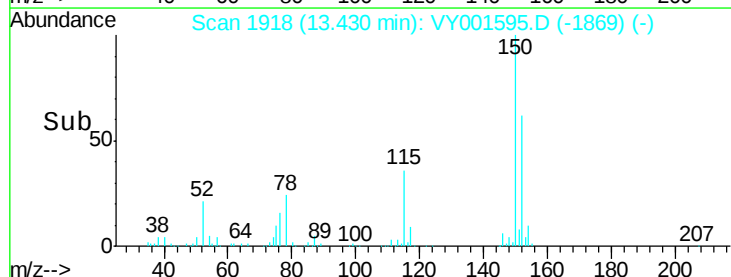
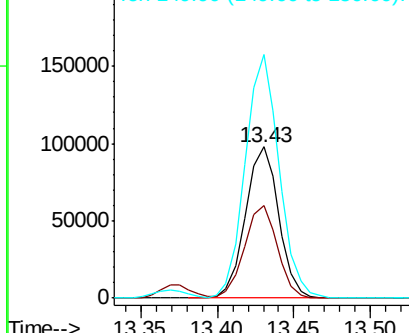
152 100

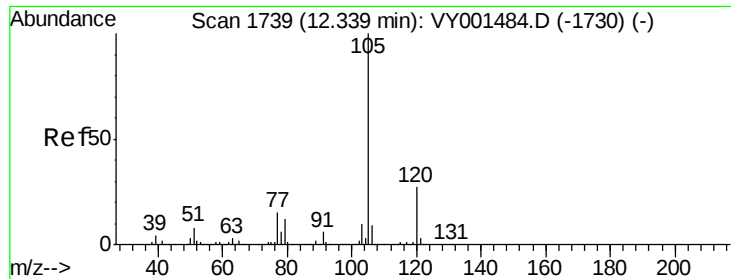
115 60.6 31.4 94.3

150 164.0 0.0 346.8



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





#73

Isopropylbenzene

Concen: 17.553 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.01 min

Lab File: VY001595.D

Acq: 11 Feb 2020 11:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0211SBSD01

Tot Ion:105 Resp: 198089

Ion Ratio Lower Upper

105 100

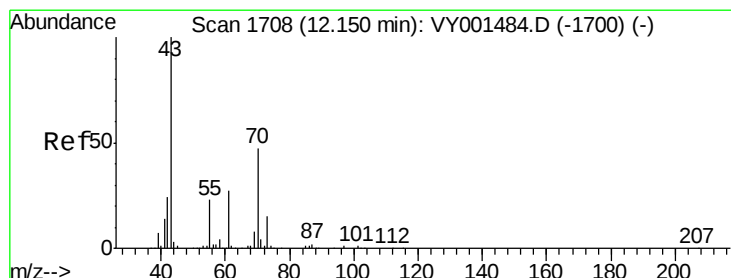
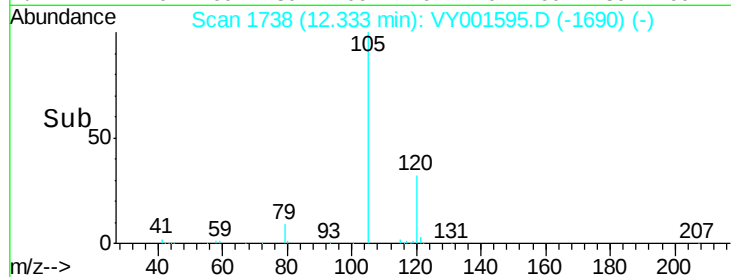
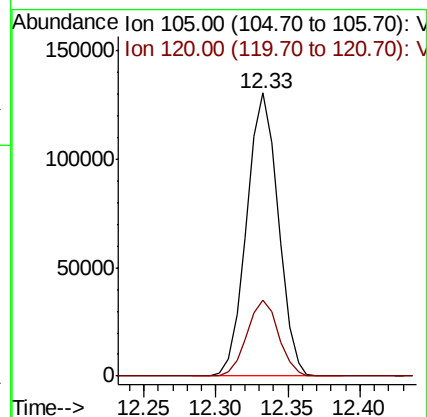
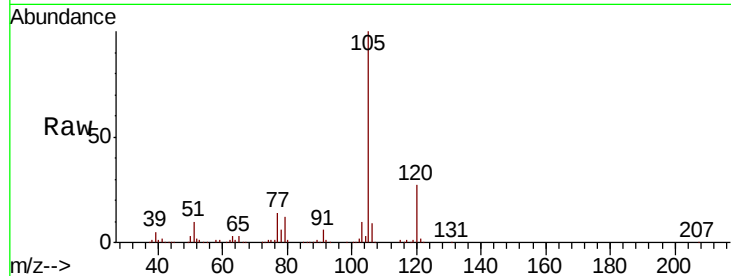
120 26.8 13.3 39.9

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#74

N-ethyl acetate

Concen: 21.013 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.01 min

Lab File: VY001595.D

Acq: 11 Feb 2020 11:59

Tgt Ion: 43 Resp: 61622

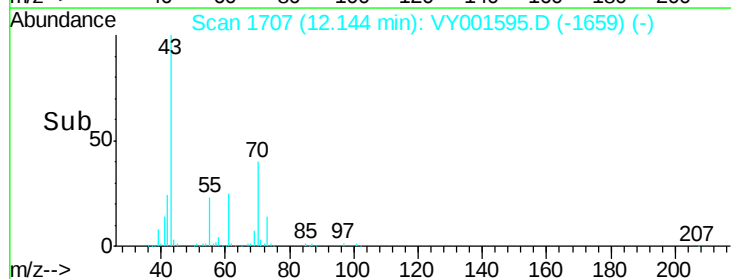
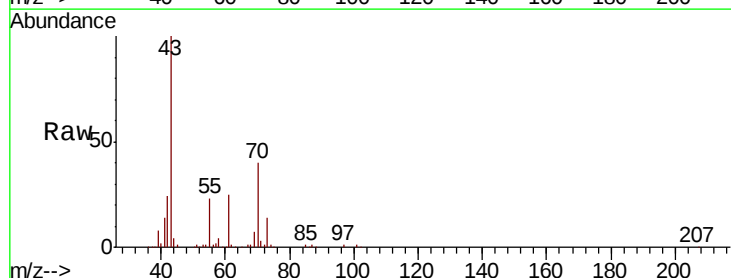
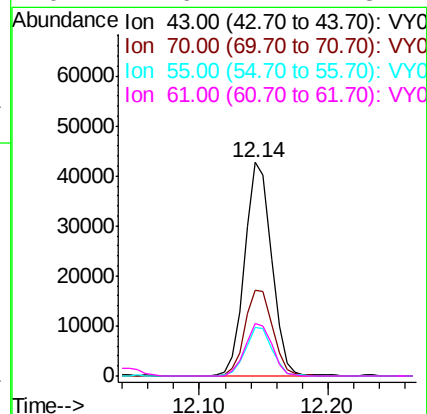
Ion Ratio Lower Upper

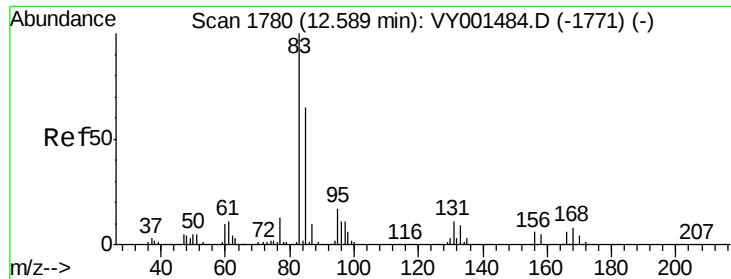
43 100

70 41.7 37.2 55.8

55 22.8 18.8 28.2

61 24.6 21.4 32.2





#75

1,1,2,2-Tetrachloroethane

Concen: 19.599 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.01 min

Lab File: VY001595.D

Acq: 11 Feb 2020 11:59

Instrument :

MSVOA_Y

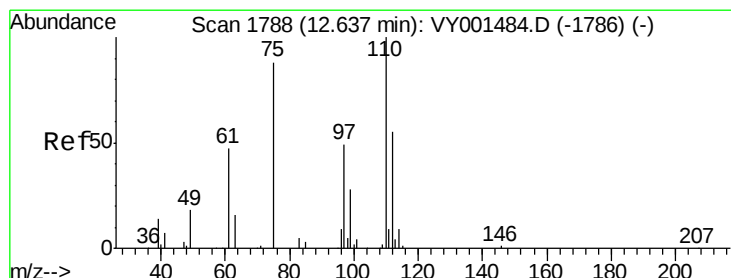
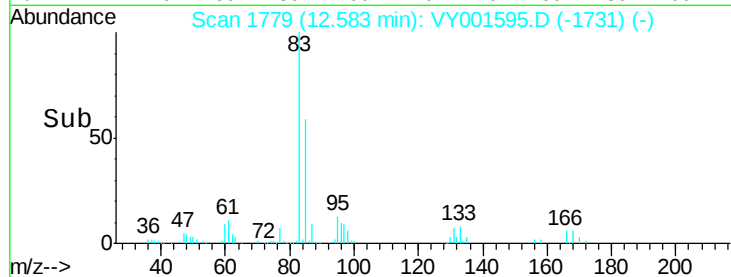
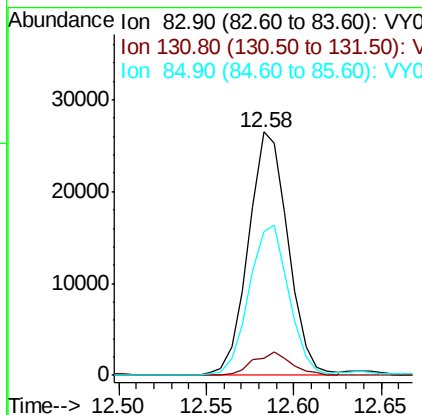
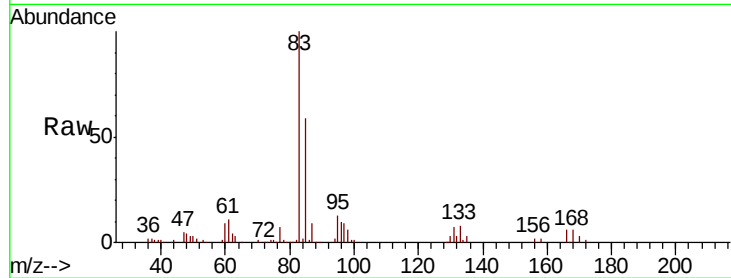
ClientSampleId :

VY0211SBS01

Tot Ion:	83	Resp:	42023
Ion Ratio	Lower	Upper	
83	100		
131	9.5	5.4	16.2
85	62.2	32.0	96.0

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#76

1,2,3-Trichloropropane

Concen: 17.192 ug/l m

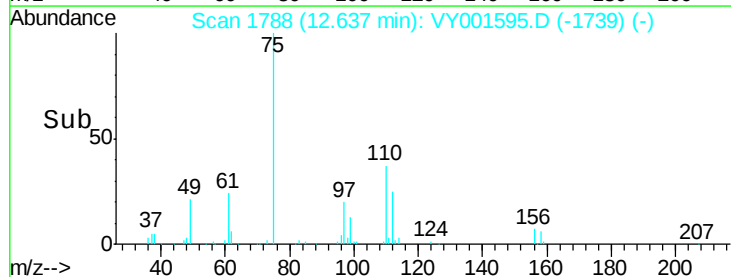
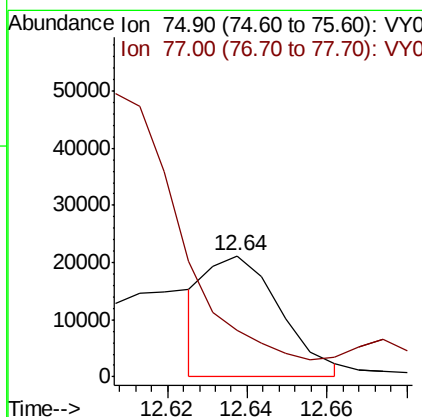
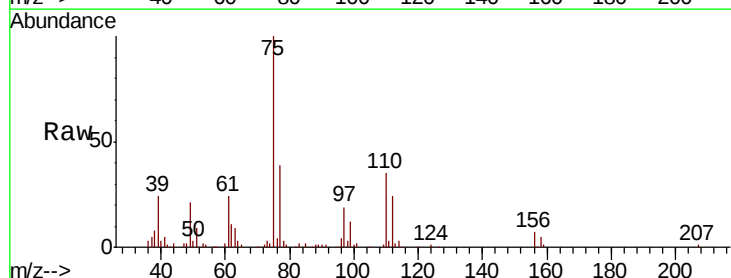
RT: 12.64 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VY001595.D

Acq: 11 Feb 2020 11:59

Tgt Ion:	75	Resp:	27356
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 18.044 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VY001595.D

Acq: 11 Feb 2020 11:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0211SBSD01

Tot Ion:156 Resp: 44068

Ion Ratio Lower Upper

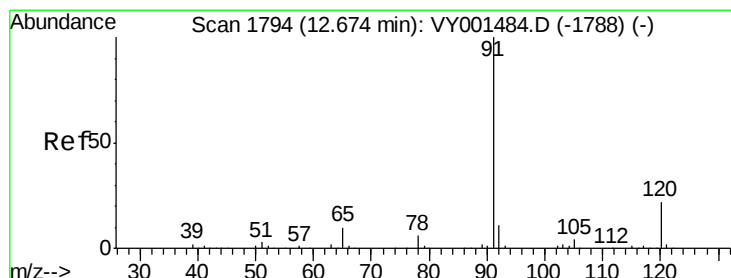
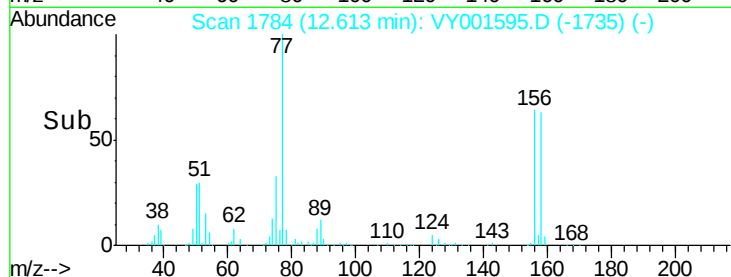
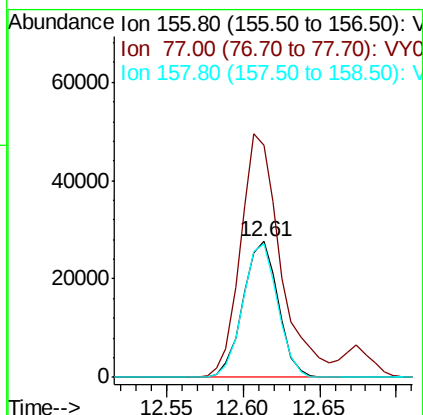
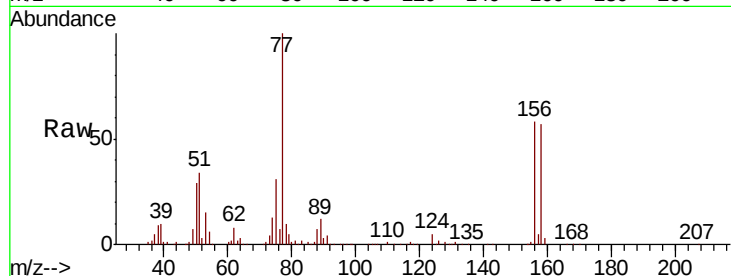
156 100

77 204.4 99.8 299.3

158 97.3 47.5 142.6

Manual Integrations
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#78

n-propylbenzene

Concen: 17.983 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. 0.00 min

Lab File: VY001595.D

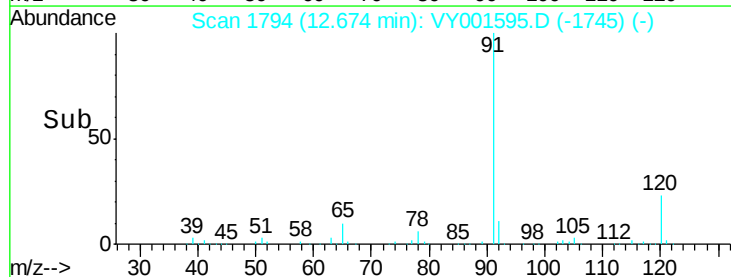
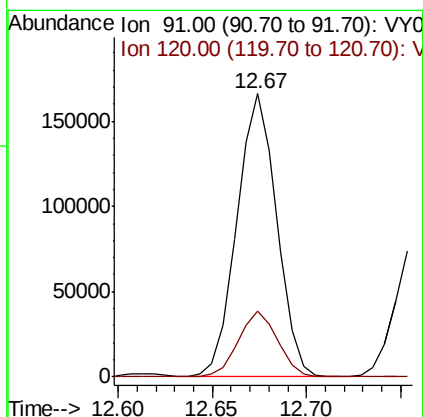
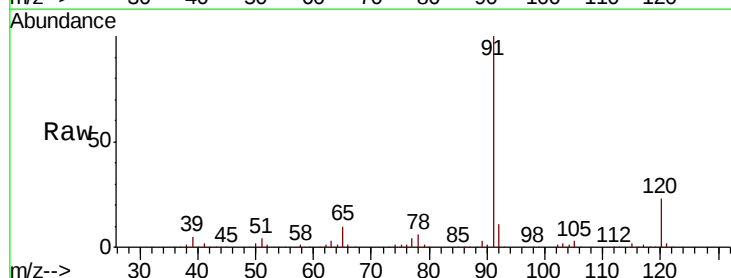
Acq: 11 Feb 2020 11:59

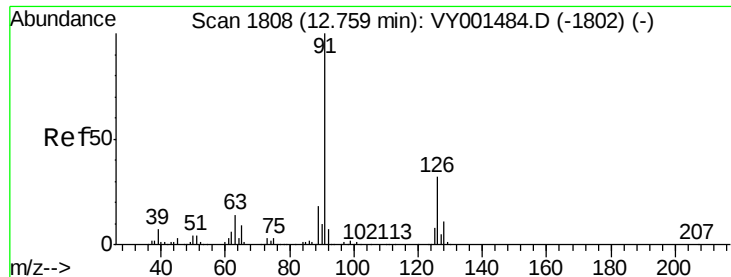
Tgt Ion: 91 Resp: 242948

Ion Ratio Lower Upper

91 100

120 22.8 11.4 34.2





#79

2-Chlorotoluene

Concen: 17.366 ug/l

RT: 12.76 min Scan# 1808

Delta R.T. 0.00 min

Lab File: VY001595.D

Acq: 11 Feb 2020 11:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0211SBSD01

Tot Ion: 91 Resp: 133734

Ion Ratio Lower Upper

91 100

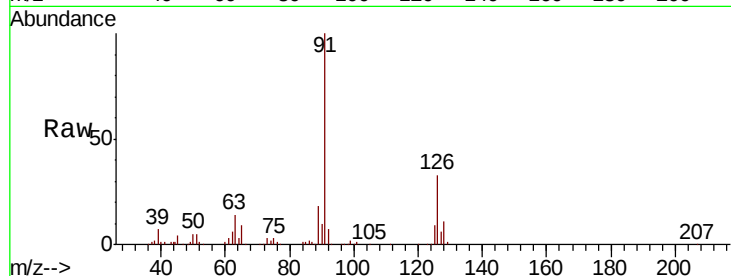
126 33.6 16.4 49.2

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VY001595.D (-1759) (-)

Ion 125.90 (125.60 to 126.60): VY001595.D (-1759) (-)

150000

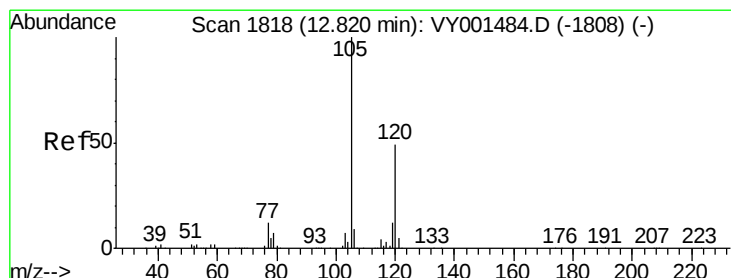
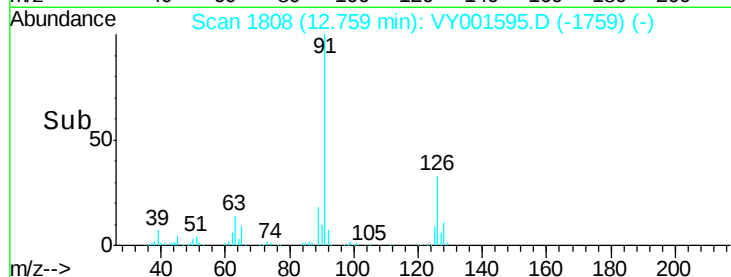
100000

50000

0

12.70 12.75 12.80

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 17.587 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. -0.01 min

Lab File: VY001595.D

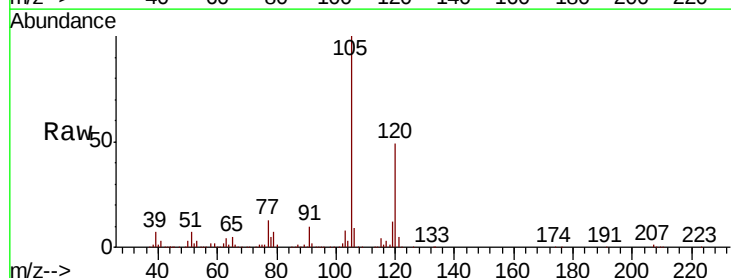
Acq: 11 Feb 2020 11:59

Tgt Ion: 105 Resp: 167151

Ion Ratio Lower Upper

105 100

120 49.1 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): VY001595.D (-1769) (-)

Ion 120.00 (119.70 to 120.70): VY001595.D (-1769) (-)

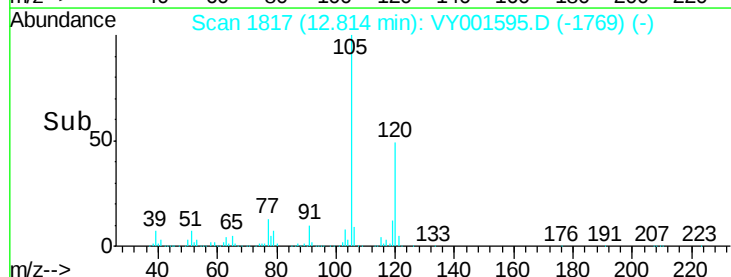
100000

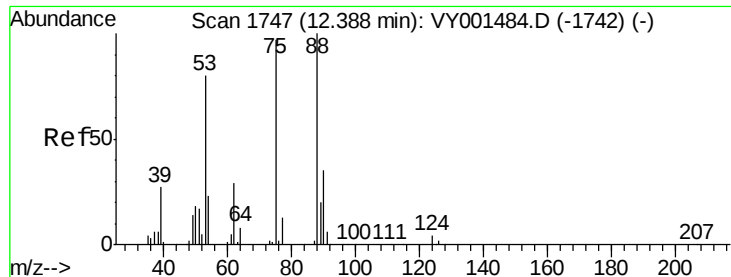
50000

0

12.70 12.80 12.90

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 18.855 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. -0.01 min

Lab File: VY001595.D

Acq: 11 Feb 2020 11:59

Instrument :

MSVOA_Y

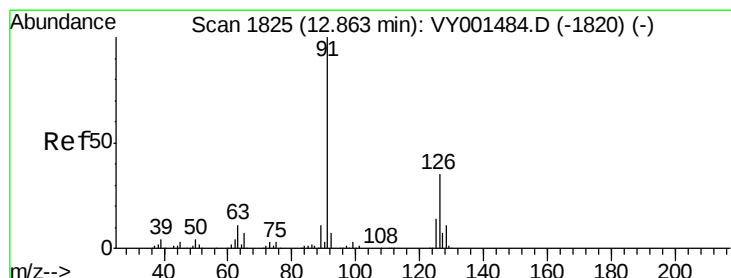
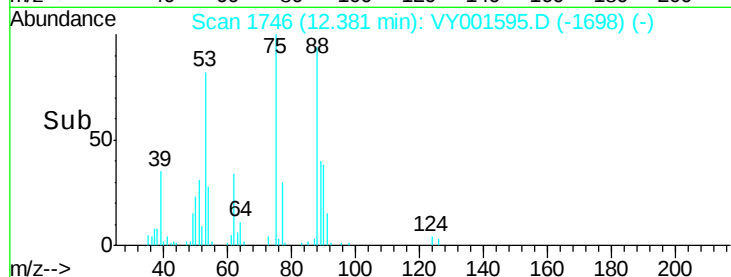
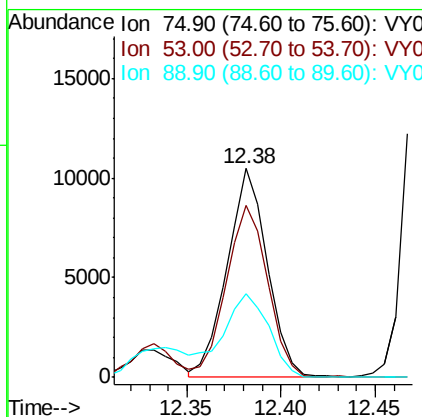
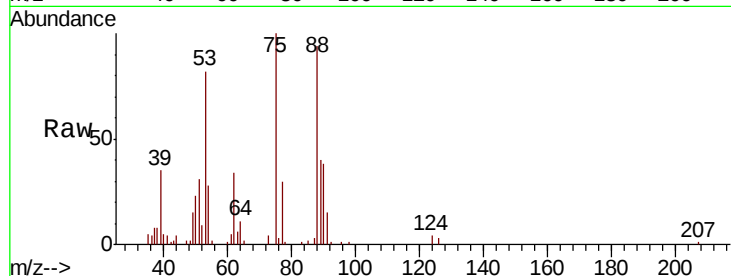
ClientSampleId :

VY0211SBSD01

Tot Ion:	75	Resp:	15506
Ion	Ratio	Lower	Upper
75	100		
53	84.5	67.7	101.5
89	46.4	34.6	52.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 17.379 ug/l

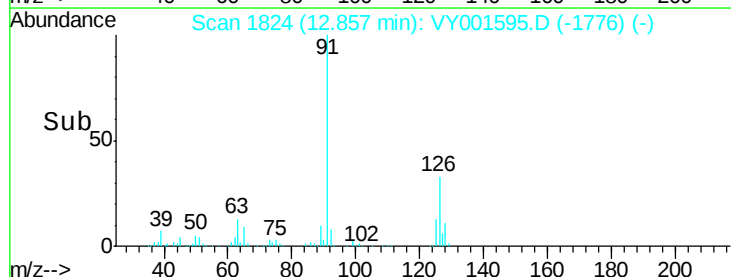
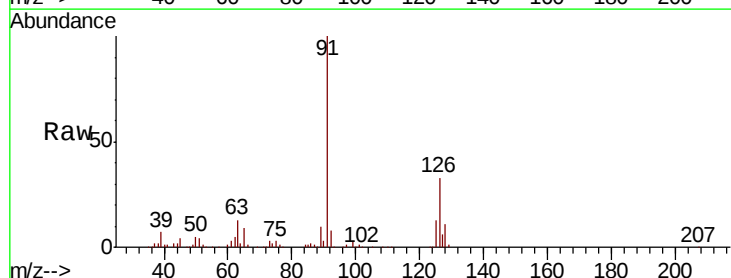
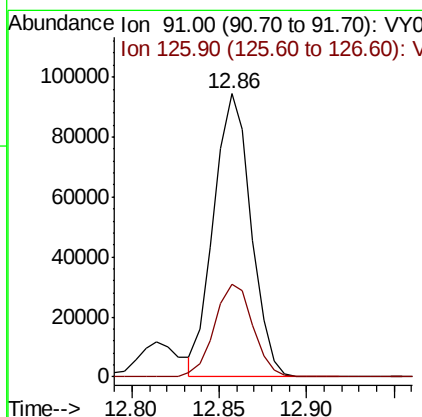
RT: 12.86 min Scan# 1824

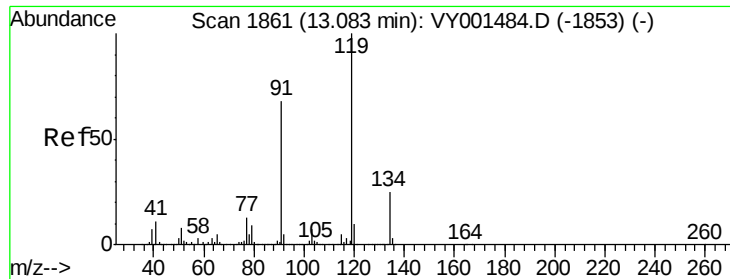
Delta R.T. -0.01 min

Lab File: VY001595.D

Acq: 11 Feb 2020 11:59

Tgt Ion:	91	Resp:	140323
Ion	Ratio	Lower	Upper
91	100		
126	33.8	16.5	49.5





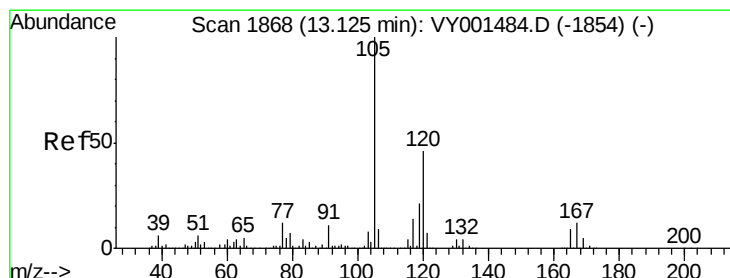
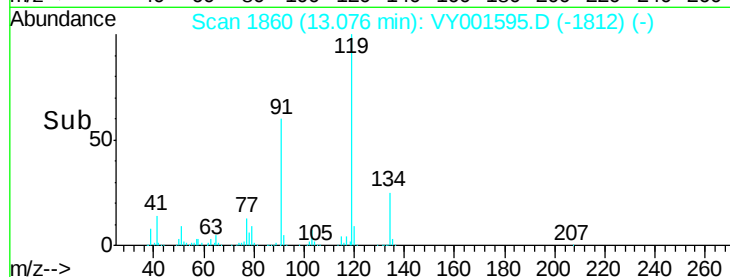
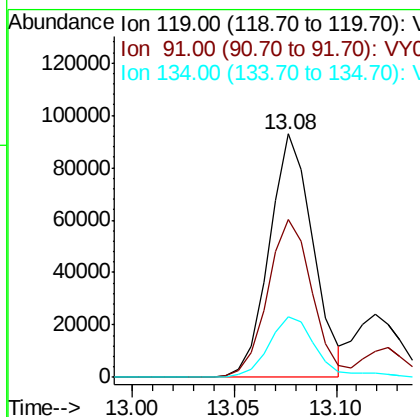
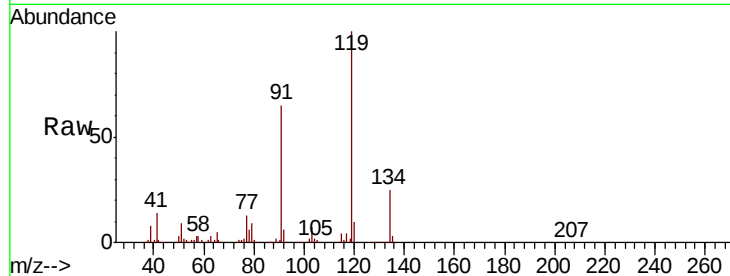
#83
tert-Butylbenzene
Concen: 17.254 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. -0.01 min
Lab File: VY001595.D
Acq: 11 Feb 2020 11:59

Instrument :
MSVOA_Y
ClientSampleId :
VY0211SBSD01

Tot Ion	Ratio	Lower	Upper
119	100		
91	66.4	33.1	99.3
134	27.3	13.0	39.0

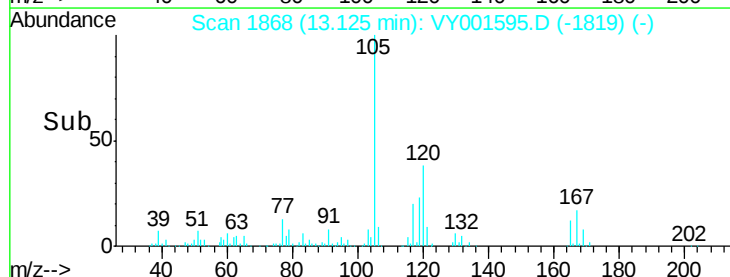
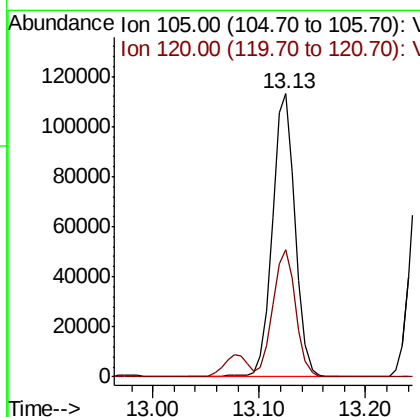
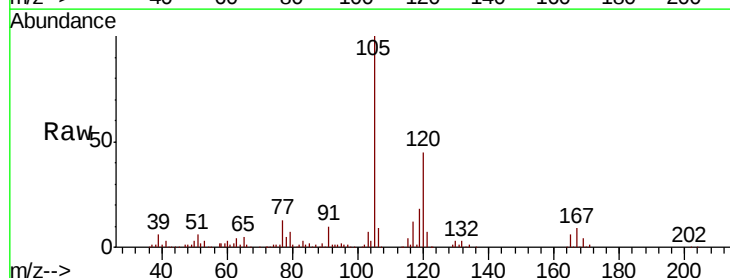
Manual Integrations
APPROVED

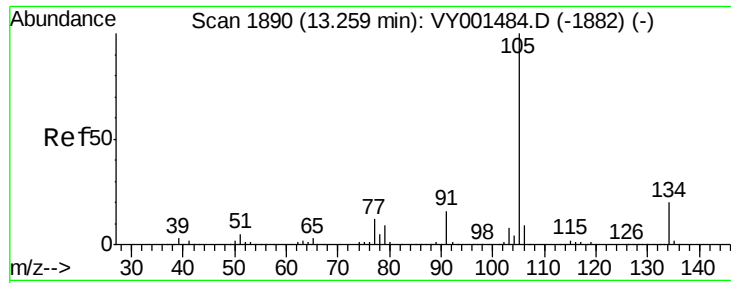
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 17.840 ug/l
RT: 13.13 min Scan# 1868
Delta R.T. 0.00 min
Lab File: VY001595.D
Acq: 11 Feb 2020 11:59

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.3	22.4	67.0





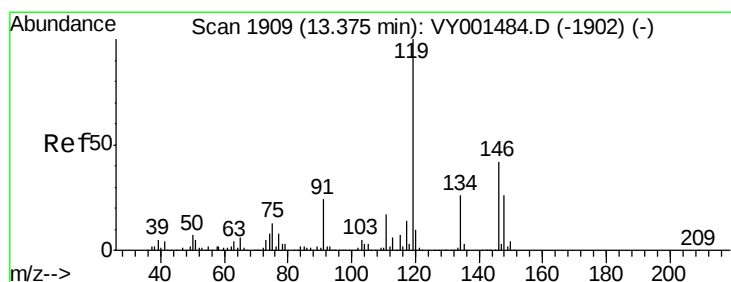
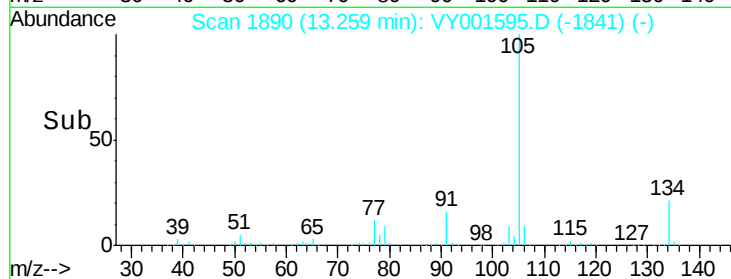
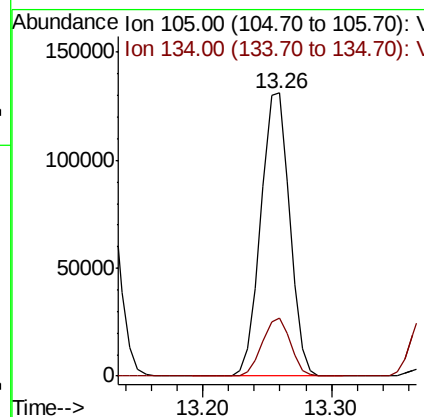
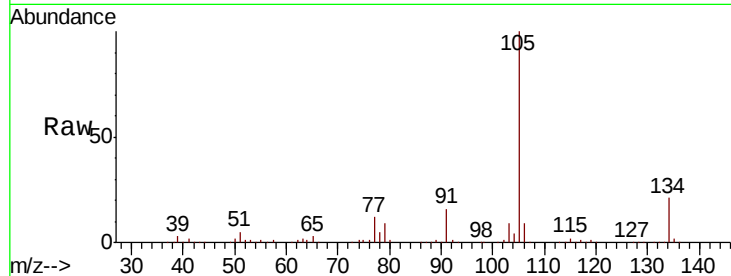
#85
 sec-Butylbenzene
 Concen: 17.959 ug/l
 RT: 13.26 min Scan# 1890
 Delta R.T. 0.00 min
 Lab File: VY001595.D
 Acq: 11 Feb 2020 11:59

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0211SBSD01

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.0	10.0	29.8

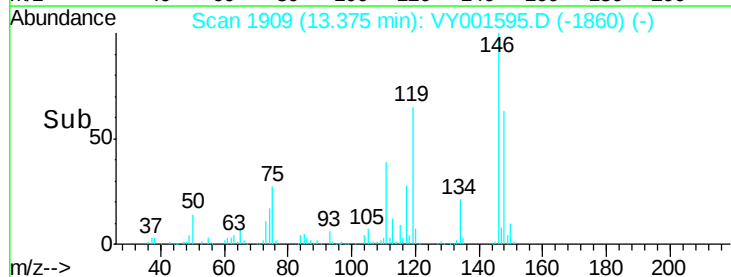
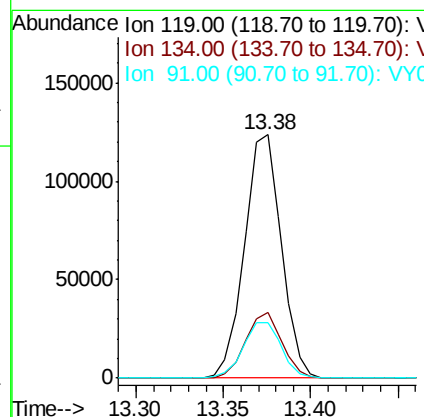
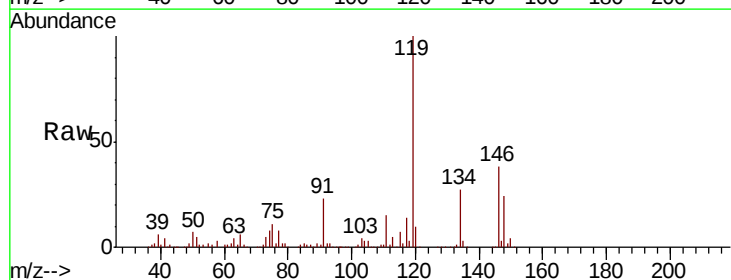
Manual Integrations
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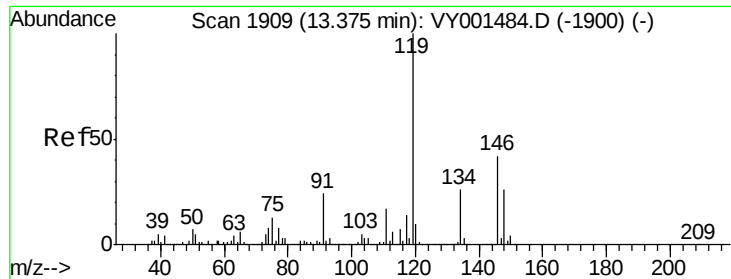
MMDadoda
 2/12/2020 3:12:22 PM



#86
 p-Isopropyltoluene
 Concen: 18.158 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. 0.00 min
 Lab File: VY001595.D
 Acq: 11 Feb 2020 11:59

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.5	13.3	39.8
91	24.0	12.2	36.6





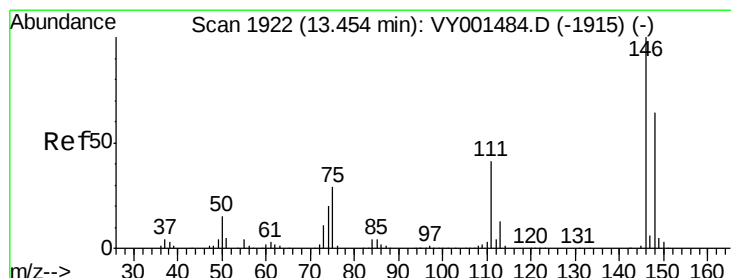
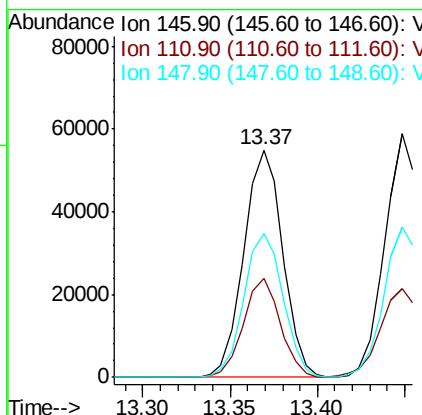
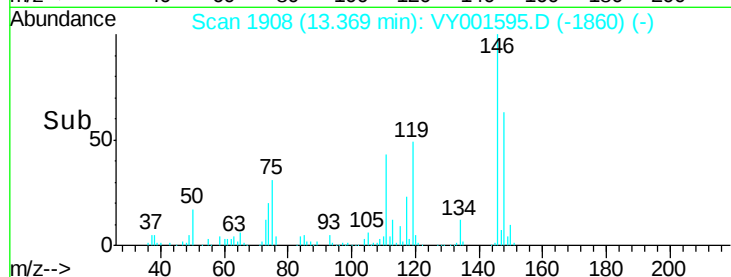
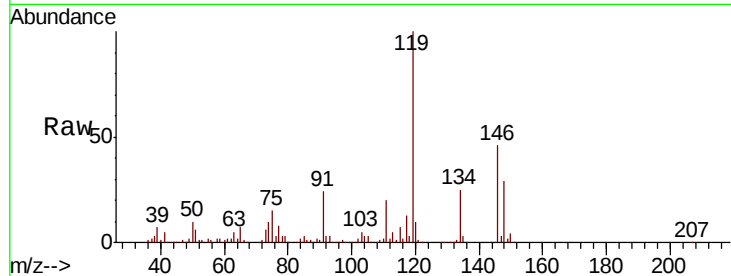
#87
 1,3-Dichlorobenzene
 Concen: 18.186 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.01 min
 Lab File: VY001595.D
 Acq: 11 Feb 2020 11:59

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0211SBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.4	21.3	63.9
148	63.7	31.9	95.7

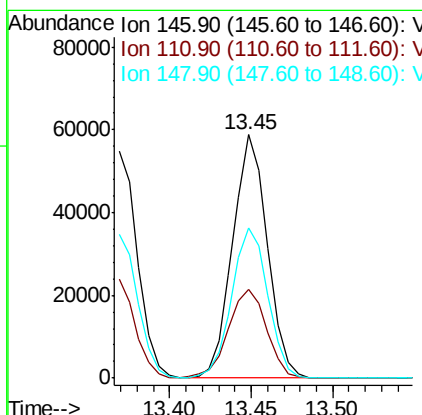
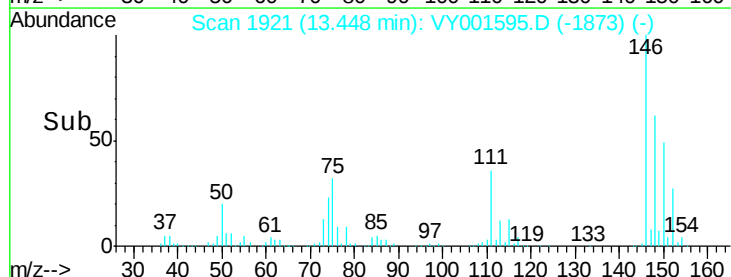
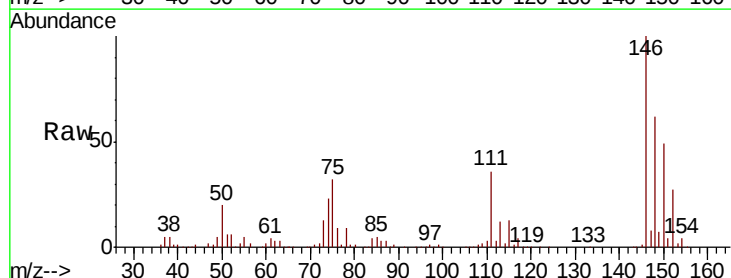
Manual Integrations
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#88
 1,4-Dichlorobenzene
 Concen: 18.595 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: VY001595.D
 Acq: 11 Feb 2020 11:59

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.7	62.1
148	64.2	32.1	96.5





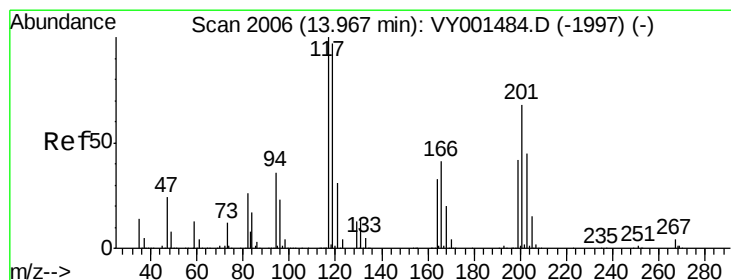
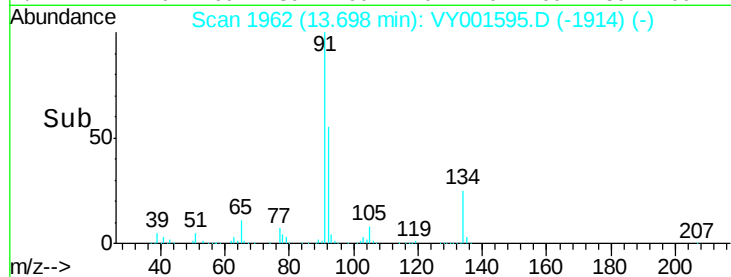
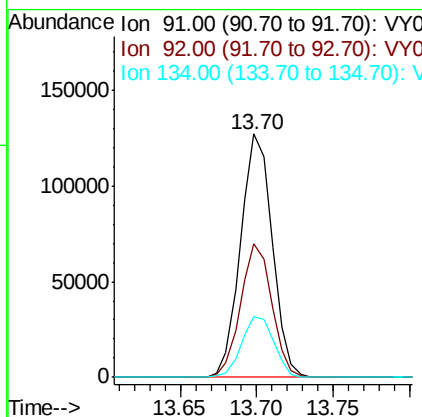
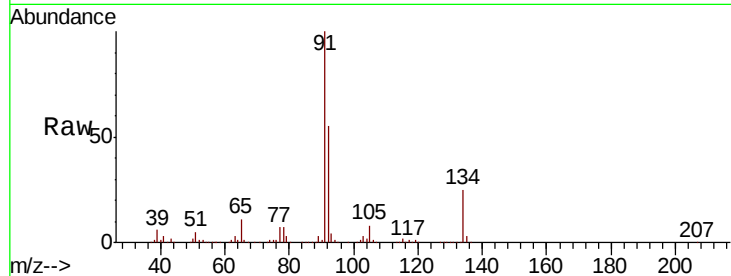
#89
n-Butylbenzene
Concen: 18.651 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. -0.01 min
Lab File: VY001595.D
Acq: 11 Feb 2020 11:59

Instrument :
MSVOA_Y
ClientSampleId :
VY0211SBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.0	27.3	81.9
134	25.6	13.0	38.9

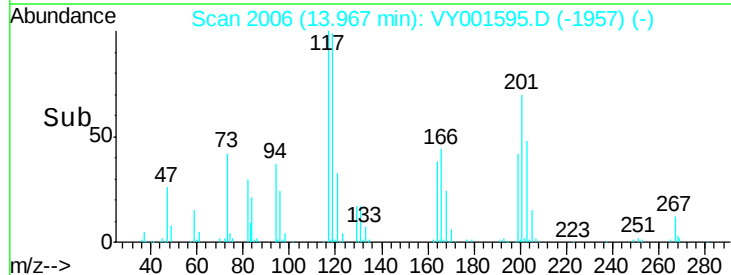
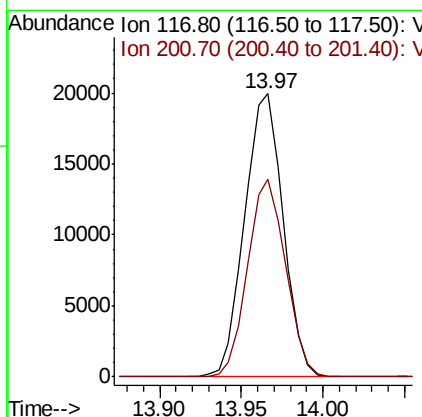
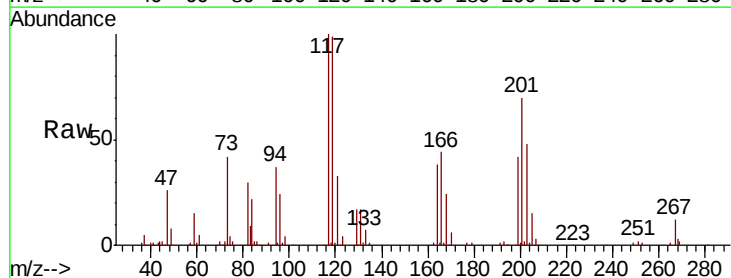
Manual Integrations
APPROVED

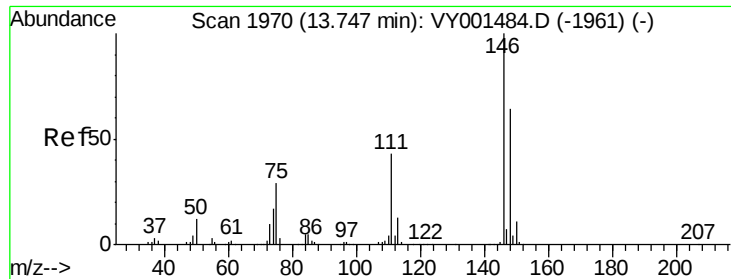
MMDadoda
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#90
Hexachloroethane
Concen: 17.163 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. 0.00 min
Lab File: VY001595.D
Acq: 11 Feb 2020 11:59

Tgt Ion	Ratio	Lower	Upper
117	100		
201	69.1	34.1	102.3





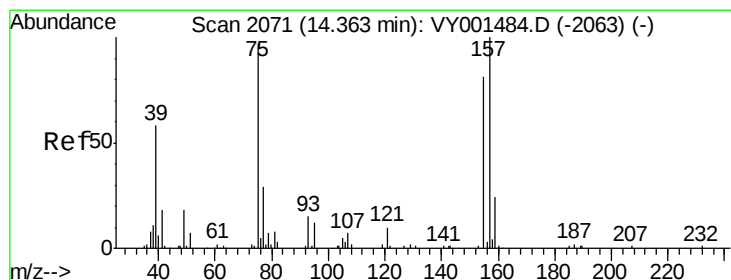
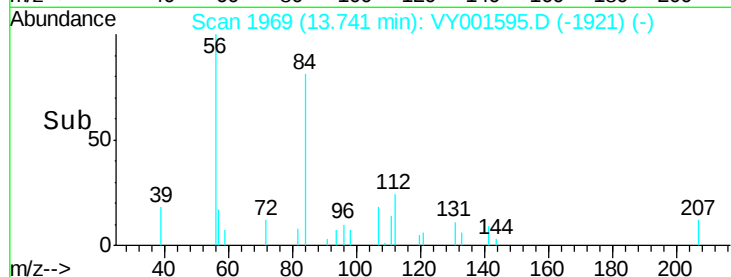
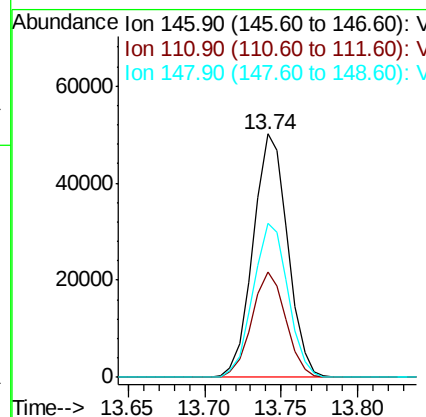
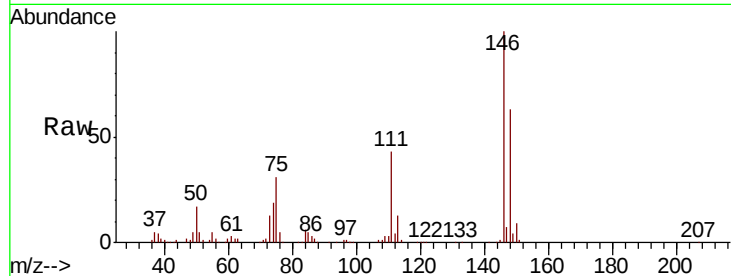
#91
1,2-Dichlorobenzene
Concen: 18.529 ug/l
RT: 13.74 min Scan# 1969
Delta R.T. -0.01 min
Lab File: VY001595.D
Acq: 11 Feb 2020 11:59

Instrument :
MSVOA_Y
ClientSampleId :
VY0211SBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.6	21.9	65.8
148	64.1	31.8	95.3

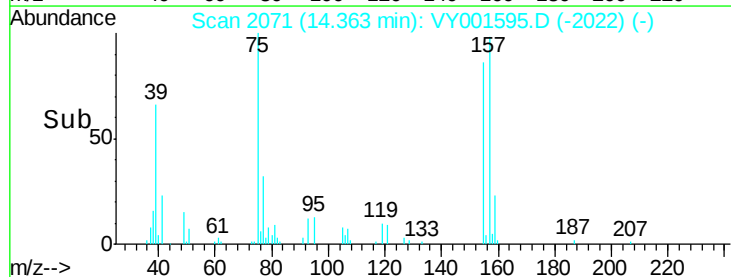
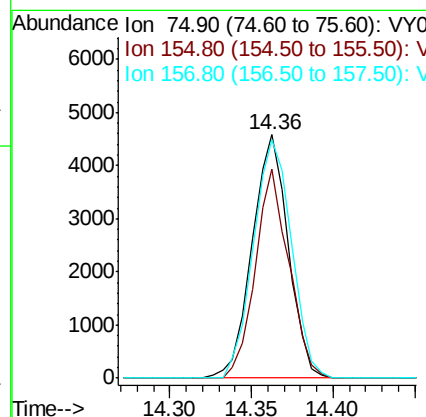
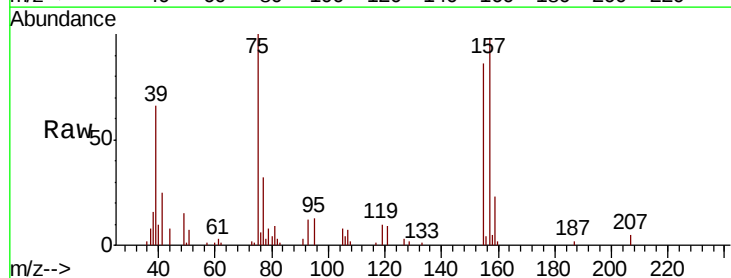
Manual Integrations
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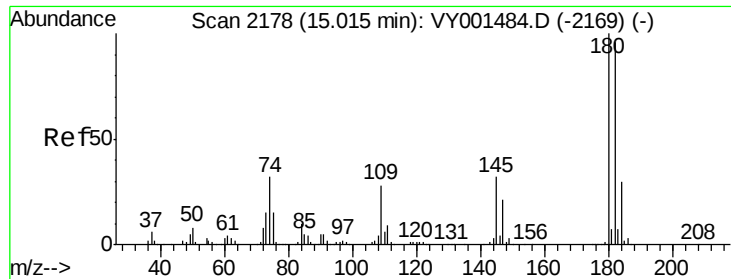
MMDadoda
2/12/2020 3:12:22 PM



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.829 ug/l
RT: 14.36 min Scan# 2071
Delta R.T. 0.00 min
Lab File: VY001595.D
Acq: 11 Feb 2020 11:59

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.3	40.7	122.1
157	103.3	52.3	157.1





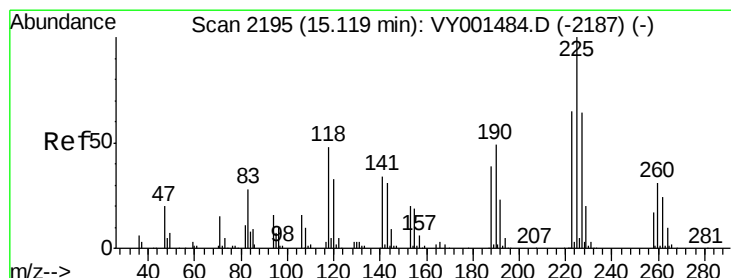
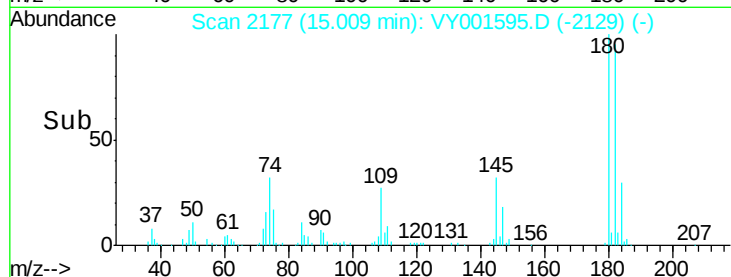
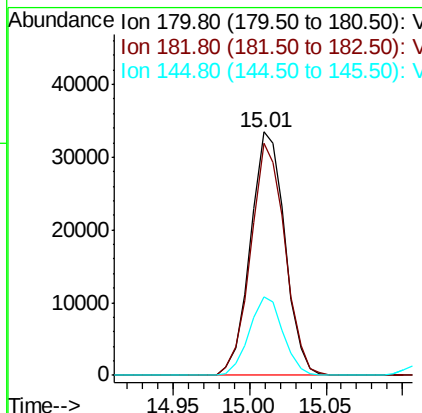
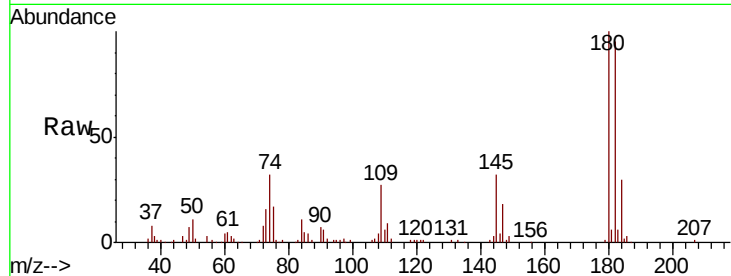
#93
 1,2,4-Trichlorobenzene
 Concen: 18.321 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.01 min
 Lab File: VY001595.D
 Acq: 11 Feb 2020 11:59

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0211SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	52366		
182	95.0	46.9	140.7	
145	31.8	16.8	50.3	

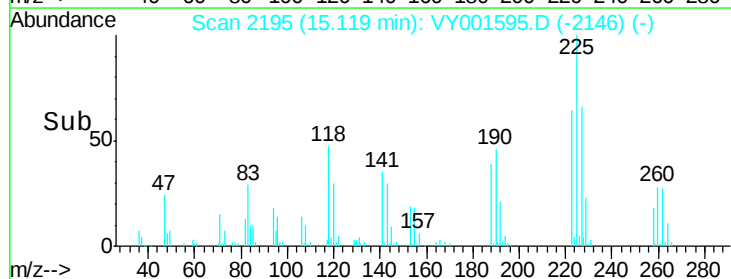
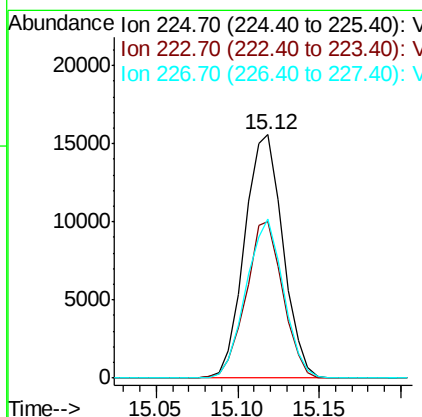
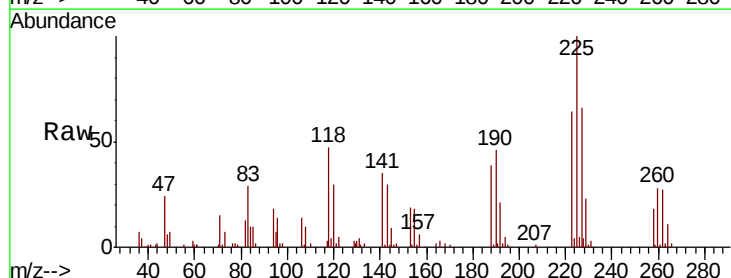
Manual Integrations
 APPROVED

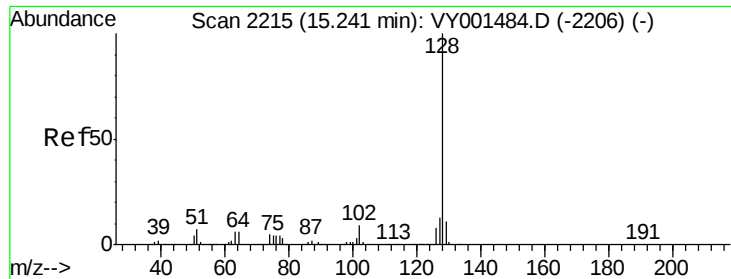
MMDadoda
 2/12/2020 3:12:22 PM



#94
 Hexachlorobutadiene
 Concen: 17.589 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. 0.00 min
 Lab File: VY001595.D
 Acq: 11 Feb 2020 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	25516		
223	62.0	31.9	95.7	
227	63.7	32.6	97.7	





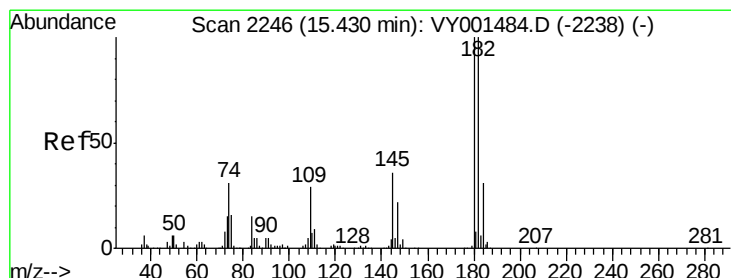
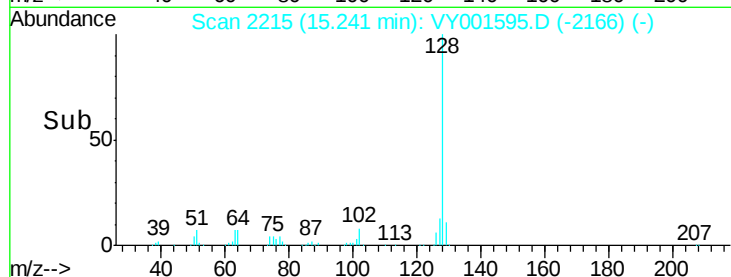
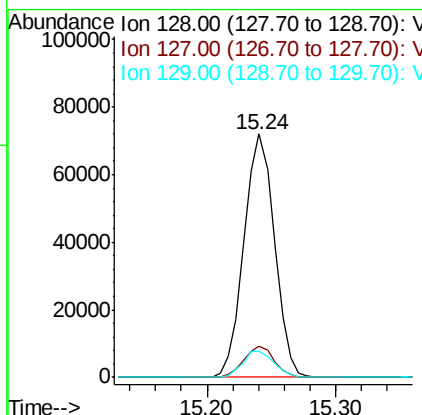
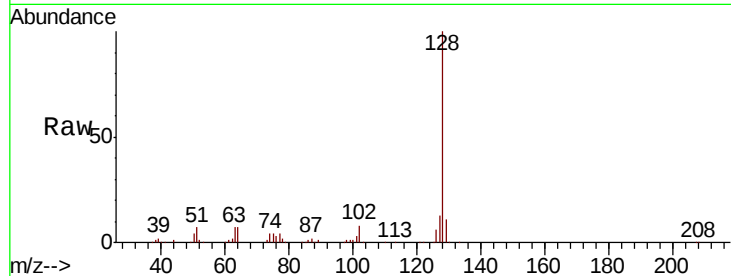
#95
Naphthalene
Concen: 17.543 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. 0.00 min
Lab File: VY001595.D
Acq: 11 Feb 2020 11:59

Instrument :
MSVOA_Y
ClientSampleId :
VY0211SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	117847		
127	12.5	10.1	15.1	
129	11.0	8.9	13.3	

Manual Integrations
APPROVED

MMDadoda
2/12/2020 3:12:22 PM



#96
1,2,3-Trichlorobenzene
Concen: 17.977 ug/l
RT: 15.43 min Scan# 2246
Delta R.T. 0.00 min
Lab File: VY001595.D
Acq: 11 Feb 2020 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	45358		
182	95.8	48.0	144.2	
145	34.6	17.8	53.5	

