

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY061520\
 Data File : VY002895.D
 Acq On : 15 Jun 2020 11:36
 Operator : SY/MD
 Sample : VY0615SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0615SBS01

Manual Integrations
 APPROVED

MMDadoda
 6/16/2020 3:22:42 PM

Quant Time: Jun 16 02:17:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 13:13:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	274158	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	400329	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	372394	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	207637	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	113000	47.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.94%	
35) Dibromofluoromethane	7.72	113	116693	49.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.48%	
50) Toluene-d8	10.18	98	448843	47.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.64%	
62) 4-Bromofluorobenzene	12.48	95	159475	49.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.38%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.91	85	35529	18.834	ug/l	96
3) Chloromethane	2.12	50	39014	18.698	ug/l	99
4) Vinyl Chloride	2.26	62	43675	19.803	ug/l	94
5) Bromomethane	2.65	94	34308	20.758	ug/l	96
6) Chloroethane	2.80	64	29154	20.392	ug/l	97
7) Trichlorofluoromethane	3.13	101	83501	21.377	ug/l	97
8) Diethyl Ether	3.54	74	29525	19.358	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.91	101	49236	21.230	ug/l	97
10) Methyl Iodide	4.10	142	65835	20.287	ug/l	99
11) Tert butyl alcohol	4.97	59	28487	103.879	ug/l	99
12) 1,1-Dichloroethene	3.88	96	49068	21.038	ug/l	98
13) Acrolein	3.74	56	19907	71.361	ug/l	98
14) Allyl chloride	4.49	41	69945	20.910	ug/l	99
15) Acrylonitrile	5.18	53	73140	106.298	ug/l	99
16) Acetone	3.96	43	58975	105.655	ug/l	93
17) Carbon Disulfide	4.20	76	133439	18.933	ug/l	99
18) Methyl Acetate	4.49	43	34484	24.120	ug/l	100
19) Methyl tert-butyl Ether	5.23	73	137326	21.328	ug/l	97
20) Methylene Chloride	4.72	84	58958	21.614	ug/l	99
21) trans-1,2-Dichloroethene	5.22	96	54067	20.613	ug/l	98
22) Diisopropyl ether	6.13	45	146110	21.019	ug/l	91
23) Vinyl Acetate	6.07	43	473623	103.200	ug/l	99
24) 1,1-Dichloroethane	6.03	63	86822	21.352	ug/l	99
25) 2-Butanone	7.00	43	89960	103.443	ug/l	99
26) 2,2-Dichloropropane	6.99	77	80802	20.719	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	62276	21.209	ug/l	99
28) Bromochloromethane	7.34	49	37073	22.209	ug/l	97
29) Tetrahydrofuran	7.36	42	58242	102.960	ug/l	98
30) Chloroform	7.52	83	92831	21.514	ug/l	97
31) Cyclohexane	7.79	56	78530	19.451	ug/l	91
32) 1,1,1-Trichloroethane	7.71	97	85841	21.349	ug/l	99
36) 1,1-Dichloropropene	7.93	75	70000	20.758	ug/l	99
37) Ethyl Acetate	7.08	43	38625	21.052	ug/l	99
38) Carbon Tetrachloride	7.91	117	81178	21.669	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	90409	20.340	ug/l	96
40) Benzene	8.16	78	210441	21.119	ug/l	98
41) Methacrylonitrile	7.32	41	15409m	15.633	ug/l	
42) 1,2-Dichloroethane	8.24	62	59713	21.383	ug/l	100
43) Isopropyl Acetate	8.28	43	73127	21.032	ug/l	99
44) Trichloroethene	8.94	130	66425	21.104	ug/l	99
45) 1,2-Dichloropropane	9.22	63	50442	21.109	ug/l	99
46) Dibromomethane	9.31	93	30104	21.213	ug/l	98
47) Bromodichloromethane	9.50	83	73128	21.858	ug/l	99
48) Methyl methacrylate	9.30	41	33351	21.248	ug/l	98
49) 1,4-Dioxane	9.30	88	9003	413.165	ug/l	99
51) 4-Methyl-2-Pentanone	10.07	43	195328	106.093	ug/l	100
52) Toluene	10.24	92	138633	21.268	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	79131	21.655	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	89166	21.535	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	46484	21.395	ug/l	97
56) Ethyl methacrylate	10.51	69	61740	21.216	ug/l	99
57) 1,3-Dichloropropane	10.79	76	75596	21.154	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	154733	108.819	ug/l	99
59) 2-Hexanone	10.83	43	140439	107.508	ug/l	100
60) Dibromochloromethane	10.99	129	60197	21.854	ug/l	100
61) 1,2-Dibromoethane	11.09	107	45976	21.452	ug/l	98
64) Tetrachloroethene	10.72	164	70135	20.722	ug/l	99
65) Chlorobenzene	11.52	112	157349	21.378	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	61342	22.129	ug/l	99
67) Ethyl Benzene	11.59	91	272715	21.372	ug/l	99
68) m/p-Xylenes	11.70	106	214093	43.275	ug/l	99
69) o-Xylene	12.03	106	99628	21.332	ug/l	99
70) Styrene	12.04	104	175329	21.655	ug/l	99
71) Bromoform	12.21	173	41330	22.282	ug/l #	100
73) Isopropylbenzene	12.33	105	273952	20.588	ug/l	99
74) N-amyl acetate	12.14	43	69302	20.299	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	50675	21.706	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	39297m	21.004	ug/l	
77) Bromobenzene	12.61	156	72996	21.068	ug/l	97
78) n-propylbenzene	12.67	91	322165	20.960	ug/l	100
79) 2-Chlorotoluene	12.75	91	178959	20.756	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	232971	20.969	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	20354	20.496	ug/l	99
82) 4-Chlorotoluene	12.85	91	191790	21.231	ug/l	99
83) tert-Butylbenzene	13.07	119	208092	20.997	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	235459	21.077	ug/l	99
85) sec-Butylbenzene	13.25	105	285341	21.058	ug/l	100
86) p-Isopropyltoluene	13.37	119	270094	21.421	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	138446	21.095	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	140657	21.425	ug/l	99
89) n-Butylbenzene	13.70	91	242155	21.154	ug/l	100
90) Hexachloroethane	13.96	117	50587	21.431	ug/l	97
91) 1,2-Dichlorobenzene	13.74	146	126238	21.210	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	9443	21.023	ug/l	99

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ClientSampleId :
VY0615SBSD01

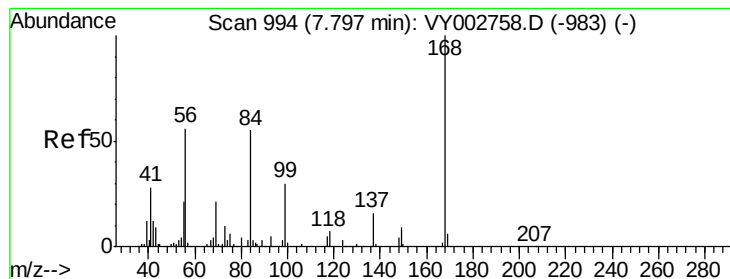
Manual Integrations
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	97214	21.669	ug/l	99
94) Hexachlorobutadiene	15.11	225	56256	22.109	ug/l	99
95) Naphthalene	15.23	128	189101	21.023	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	86708	21.643	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002895.D

Acq: 15 Jun 2020 11:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0615SBS01

Tot Ion:168 Resp: 274158

Ion Ratio Lower Upper

168 100

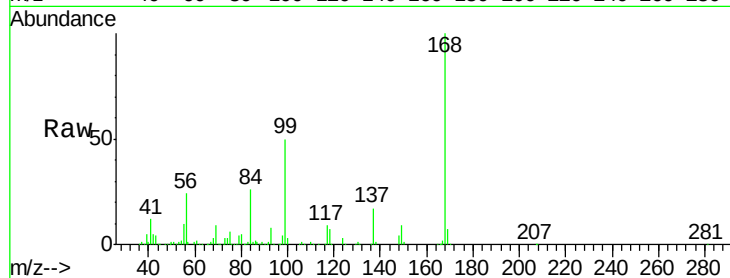
99 49.7 39.0 58.4

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Abundance Ion 167.90 (167.60 to 168.60): VY002758.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY002758.D (-983) (-)

7.80

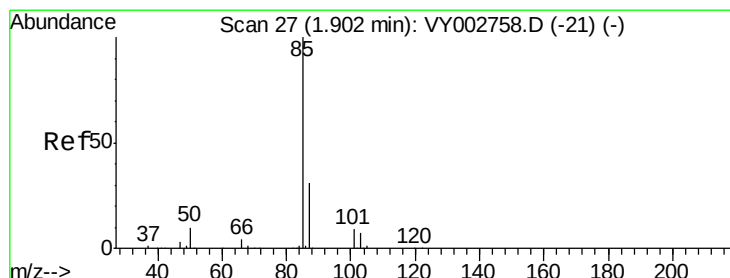
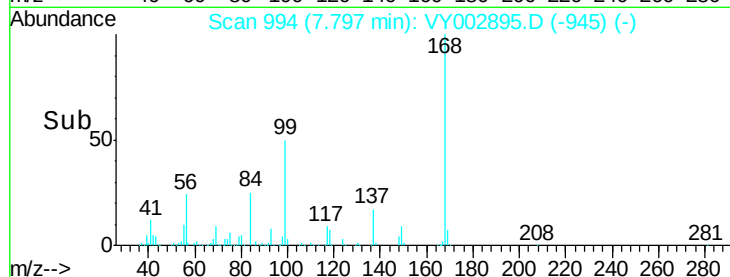
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50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 18.834 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY002895.D

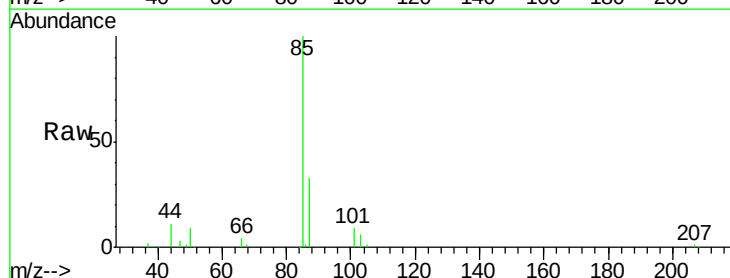
Acq: 15 Jun 2020 11:36

Tgt Ion: 85 Resp: 35529

Ion Ratio Lower Upper

85 100

87 33.0 15.5 46.5



Abundance Ion 84.90 (84.60 to 85.60): VY002758.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY002758.D (-21) (-)

1.91

25000

20000

15000

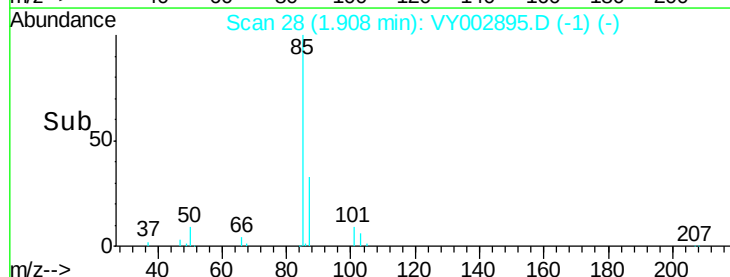
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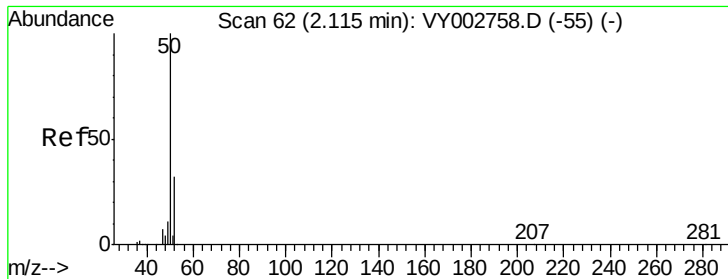
5000

0

1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 18.698 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY002895.D

Acq: 15 Jun 2020 11:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0615SBS01

Tot Ion: 50 Resp: 39014

Ion Ratio Lower Upper

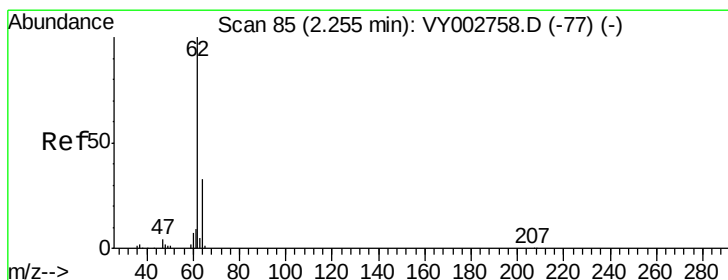
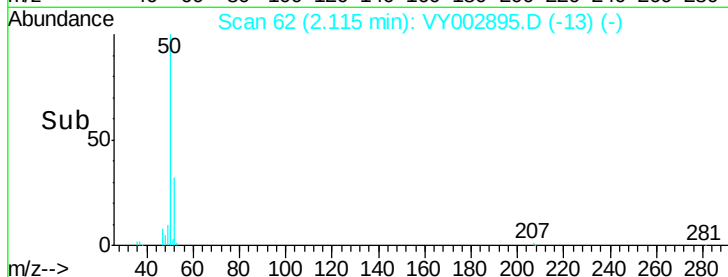
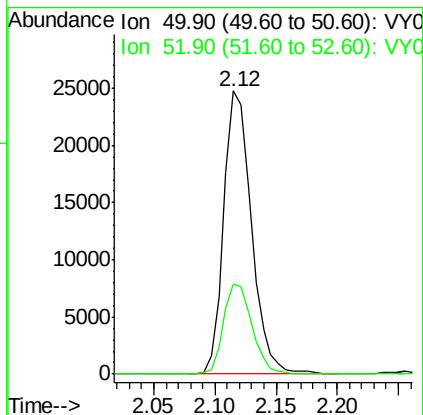
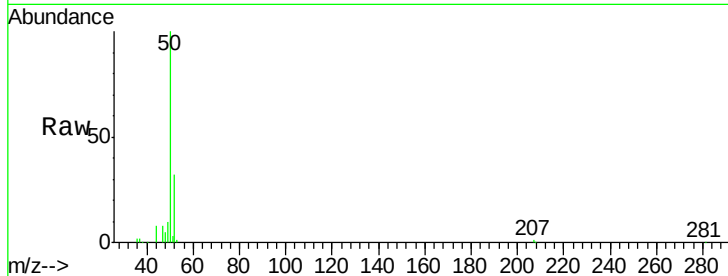
50 100

52 31.9 25.8 38.6

Manual Integrations
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#4

Vinyl Chloride

Concen: 19.803 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.00 min

Lab File: VY002895.D

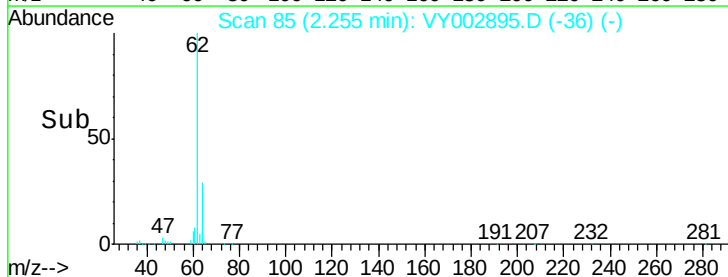
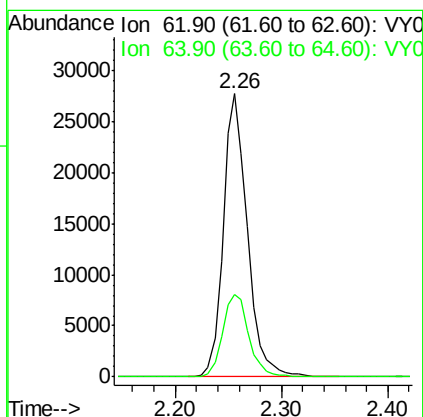
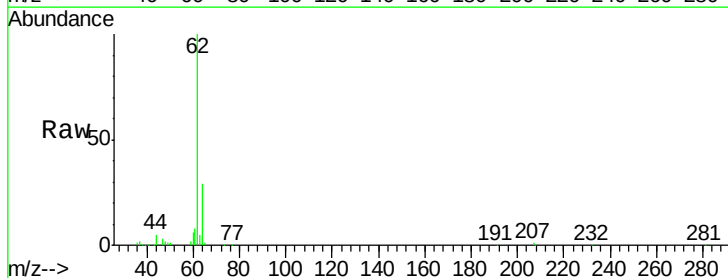
Acq: 15 Jun 2020 11:36

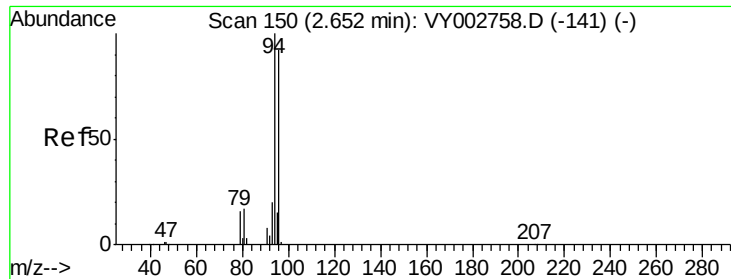
Tgt Ion: 62 Resp: 43675

Ion Ratio Lower Upper

62 100

64 29.2 26.1 39.1





#5

Bromomethane

Concen: 20.758 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY002895.D

Acq: 15 Jun 2020 11:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0615SBS01

Tot Ion: 94 Resp: 34308

Ion Ratio Lower Upper

94 100

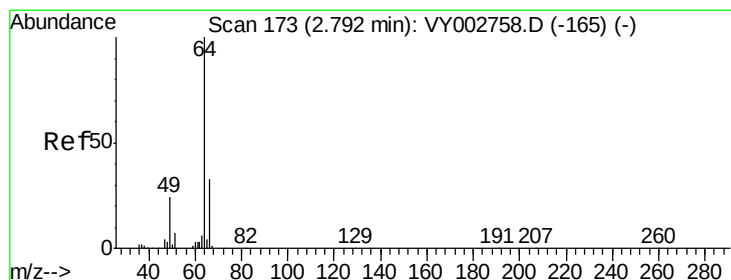
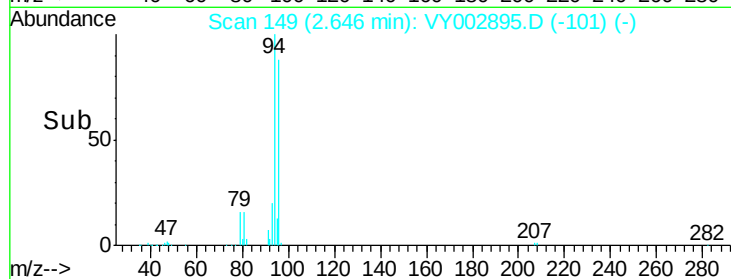
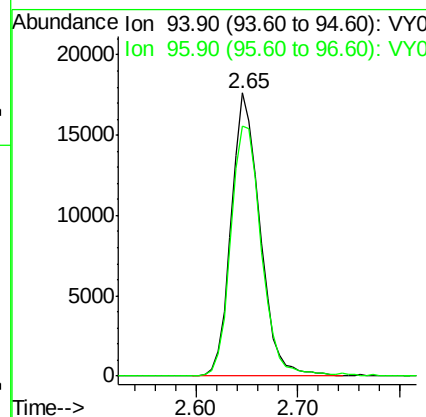
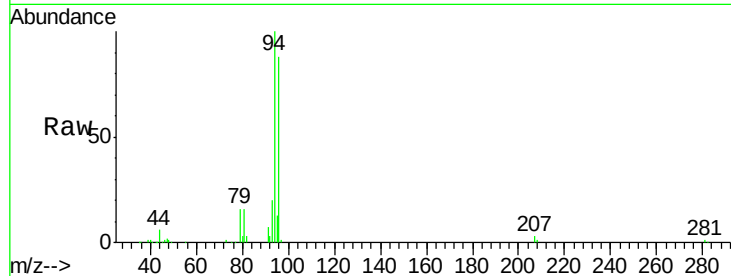
96 88.2 73.7 110.5

Manual Integrations

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#6

Chloroethane

Concen: 20.392 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.01 min

Lab File: VY002895.D

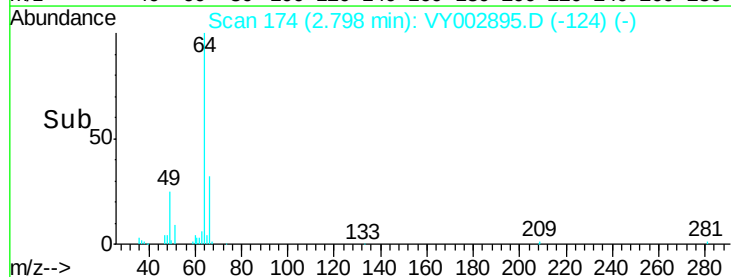
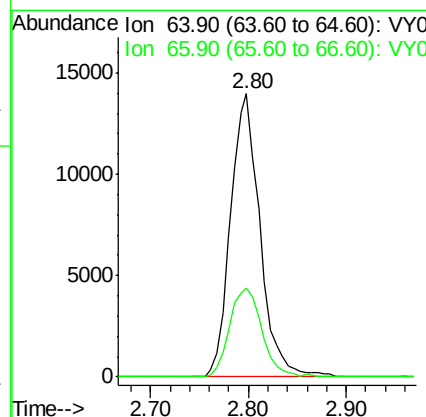
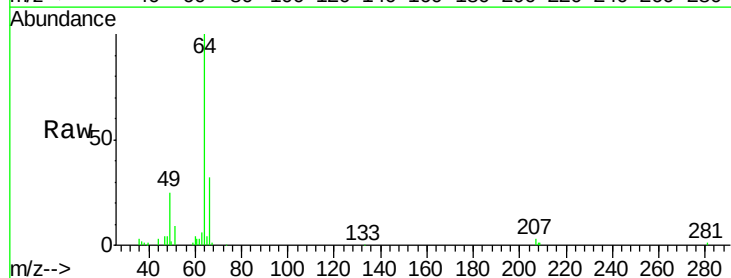
Acq: 15 Jun 2020 11:36

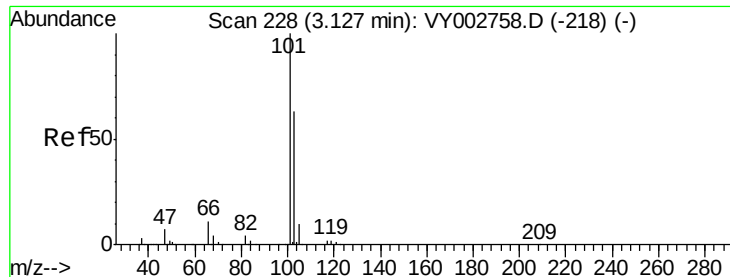
Tgt Ion: 64 Resp: 29154

Ion Ratio Lower Upper

64 100

66 31.5 26.4 39.6





#7

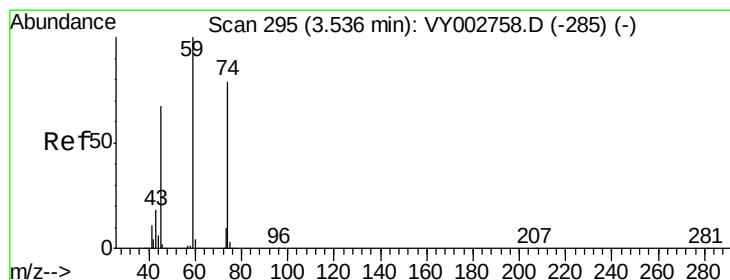
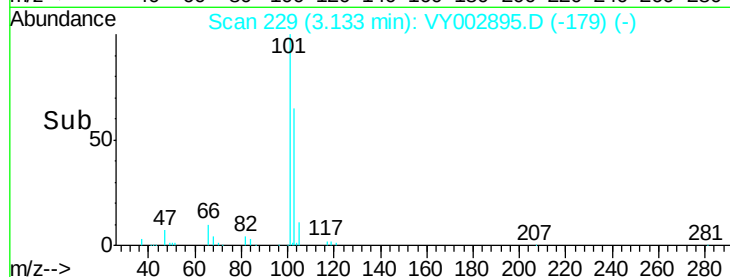
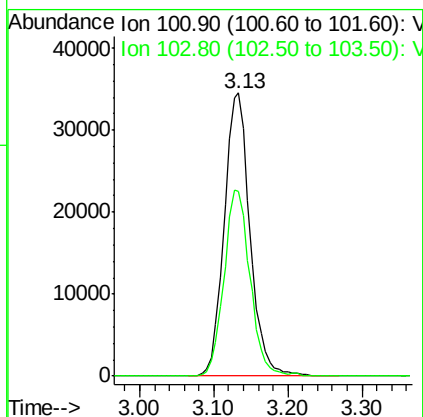
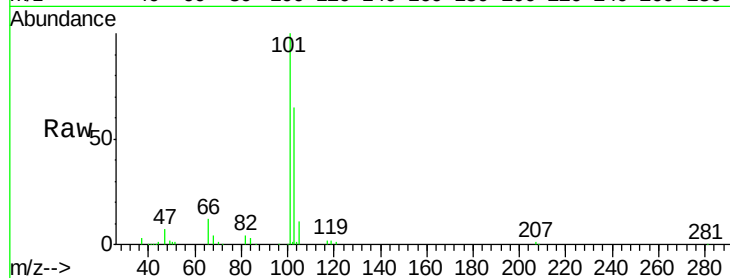
Trichlorofluoromethane
Concen: 21.377 ug/l
RT: 3.13 min Scan# 229
Delta R.T. 0.01 min
Lab File: VY002895.D
Acq: 15 Jun 2020 11:36

Instrument :
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ClientSampleId :
VY0615SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	83501		
103	65.5	50.6	76.0	

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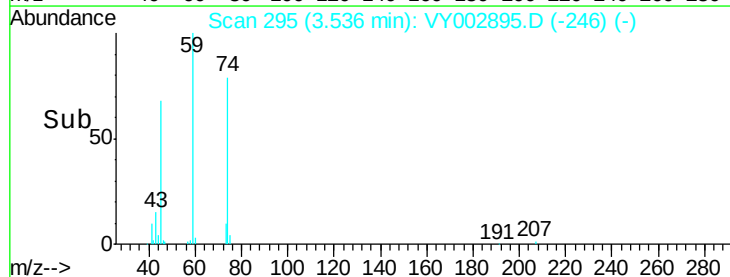
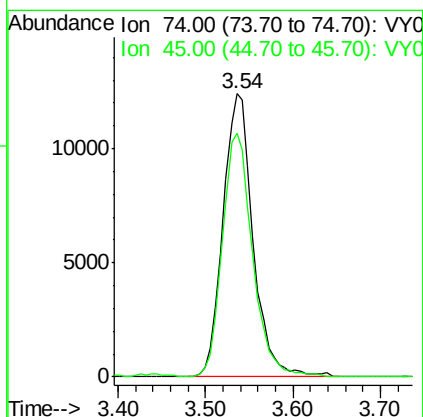
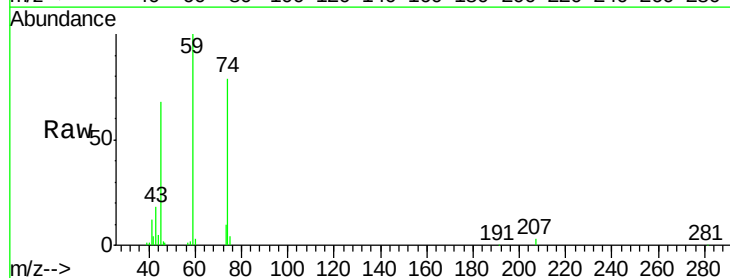
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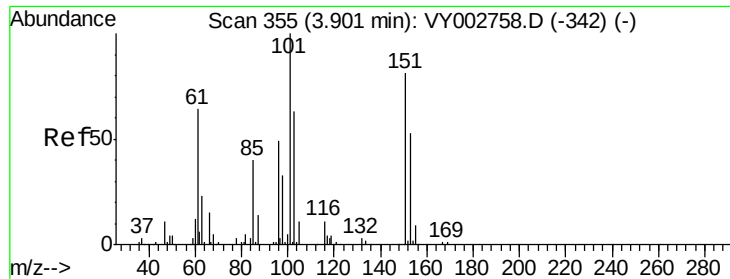


#8

Diethyl Ether
Concen: 19.358 ug/l
RT: 3.54 min Scan# 295
Delta R.T. 0.00 min
Lab File: VY002895.D
Acq: 15 Jun 2020 11:36

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	29525		
45	86.9	44.0	131.8	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.230 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY002895.D

Acq: 15 Jun 2020 11:36

Instrument :

MSVOA_Y

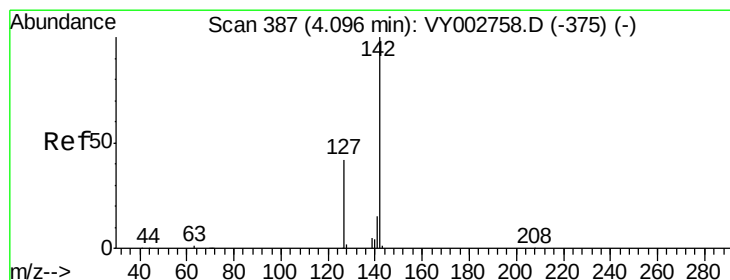
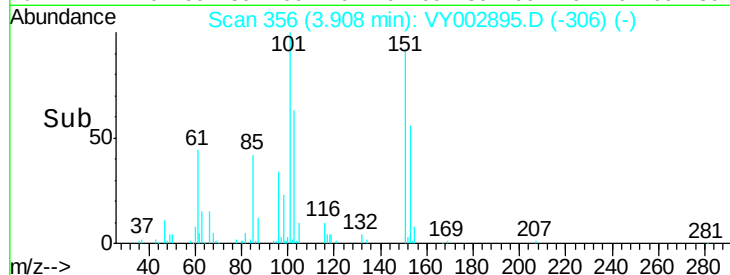
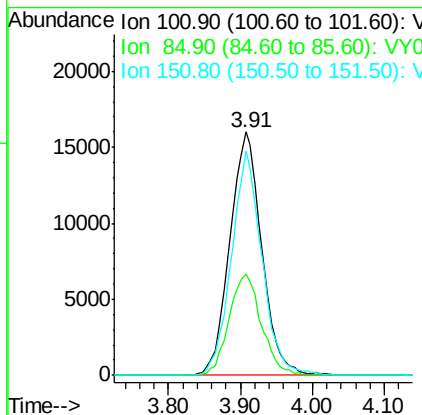
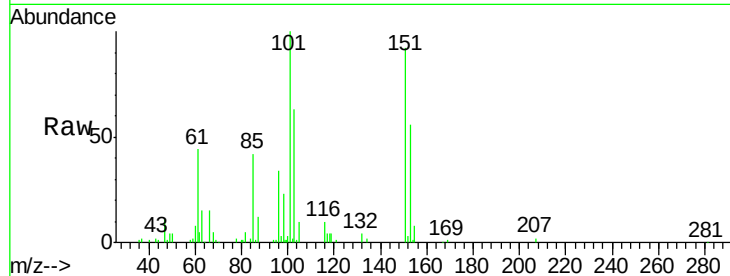
ClientSampleId :

VY0615SBS01

Tot Ion:	101	Resp:	49236
Ion Ratio	Lower	Upper	
101	100		
85	42.1	32.7	49.1
151	88.3	68.0	102.0

Manual Integrations
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#10

Methyl Iodide

Concen: 20.287 ug/l

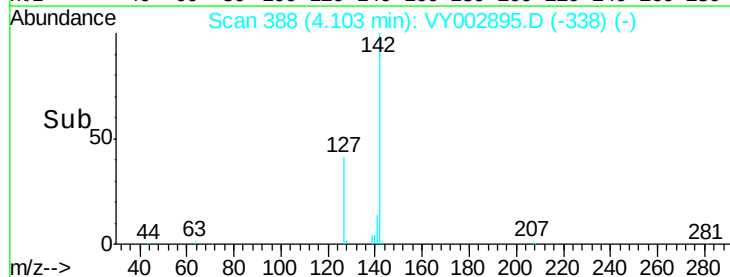
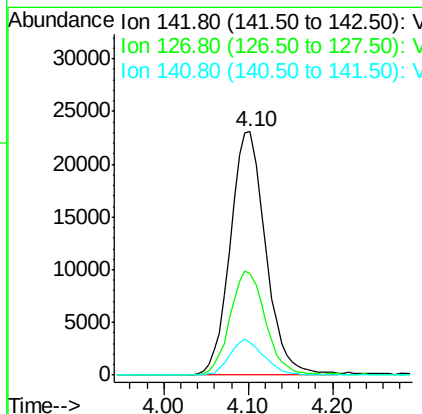
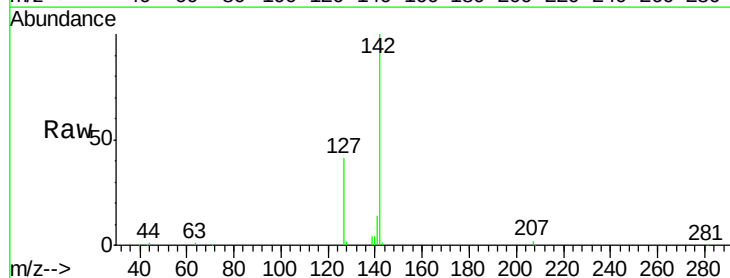
RT: 4.10 min Scan# 388

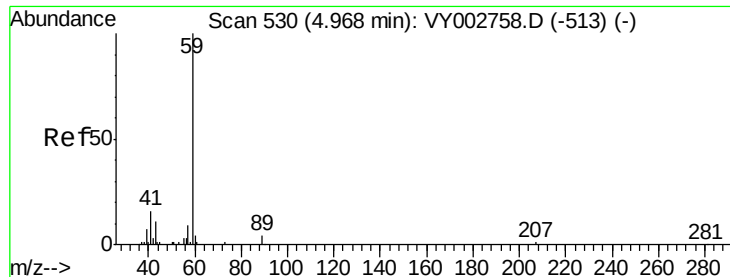
Delta R.T. 0.01 min

Lab File: VY002895.D

Acq: 15 Jun 2020 11:36

Tgt Ion:	142	Resp:	65835
Ion Ratio	Lower	Upper	
142	100		
127	42.6	33.3	49.9
141	14.2	11.5	17.3





#11

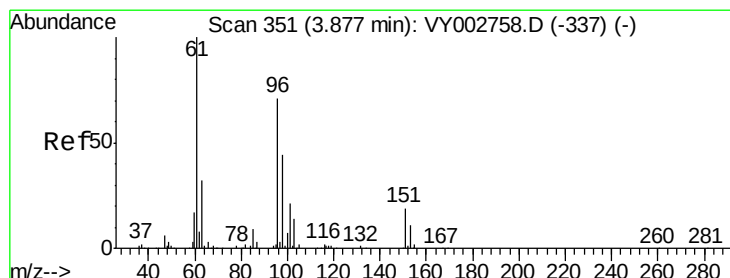
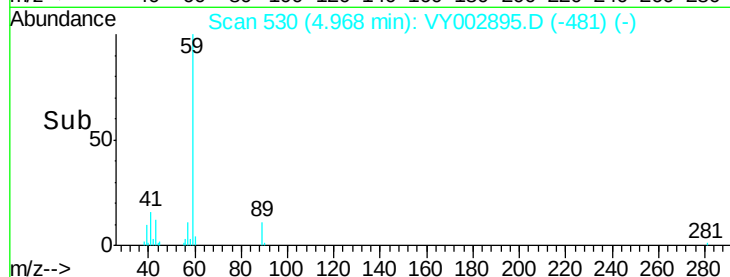
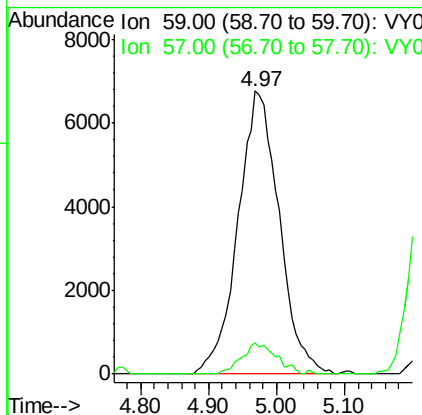
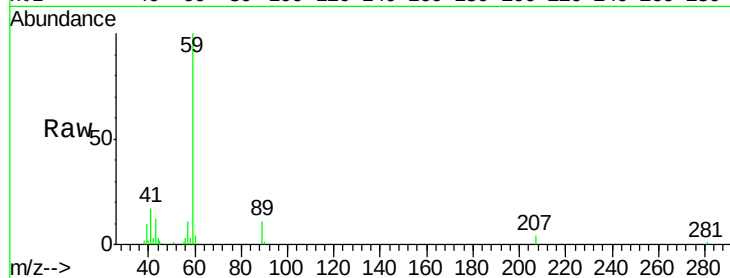
Tert butyl alcohol
 Concen: 103.879 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. 0.00 min
 Lab File: VY002895.D
 Acq: 15 Jun 2020 11:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0615SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.3	7.7	11.5

Manual Integrations
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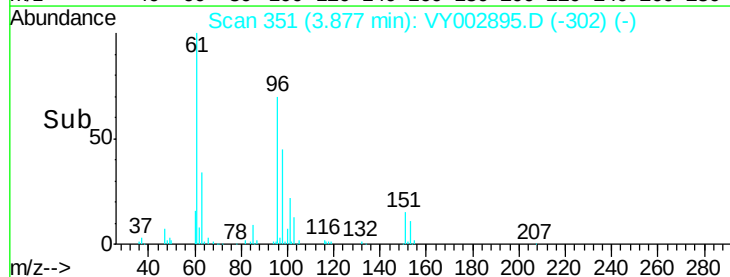
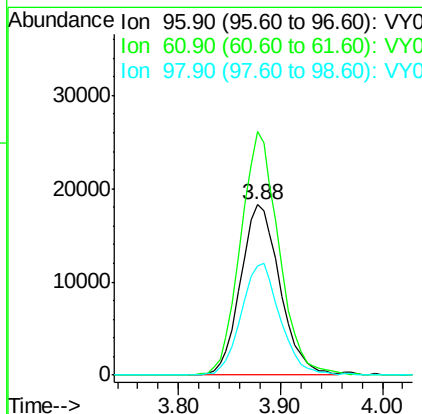
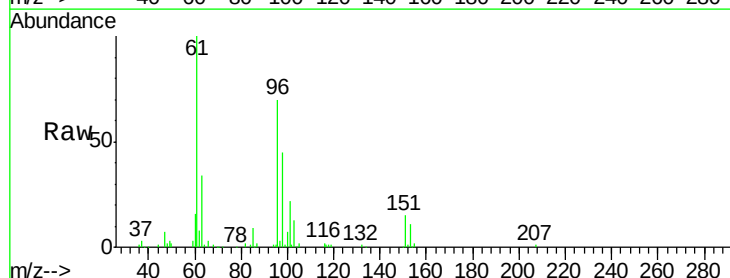
MMDadoda
 6/16/2020 3:22:42 PM

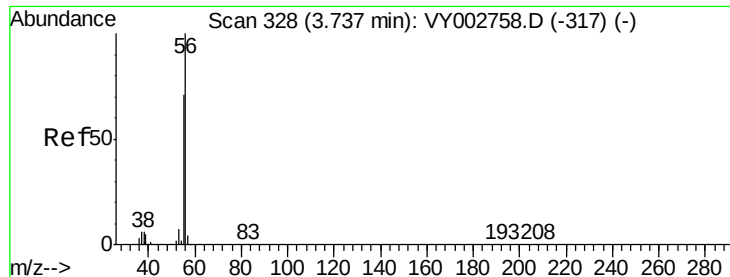


#12

1,1-Dichloroethene
 Concen: 21.038 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VY002895.D
 Acq: 15 Jun 2020 11:36

Tgt Ion	Ratio	Lower	Upper
96	100		
61	142.9	112.6	168.8
98	64.4	50.0	75.0





#13

Acrolein

Concen: 71.361 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY002895.D

Acq: 15 Jun 2020 11:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0615SBS01

Tot Ion: 56 Resp: 19907

Ion Ratio Lower Upper

56 100

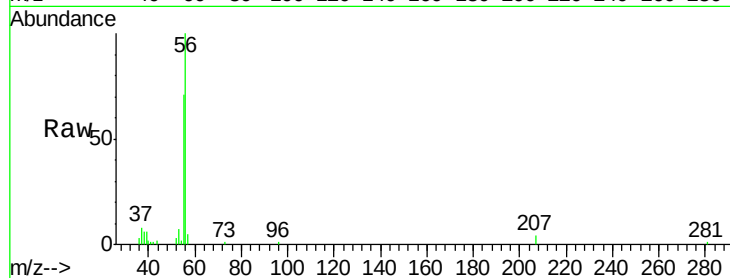
55 68.3 56.0 84.0

Manual Integrations

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Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

8000

6000

4000

2000

0

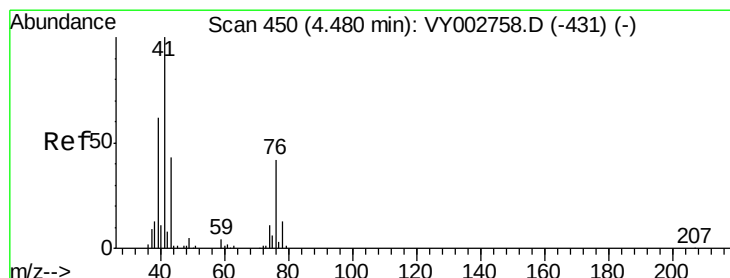
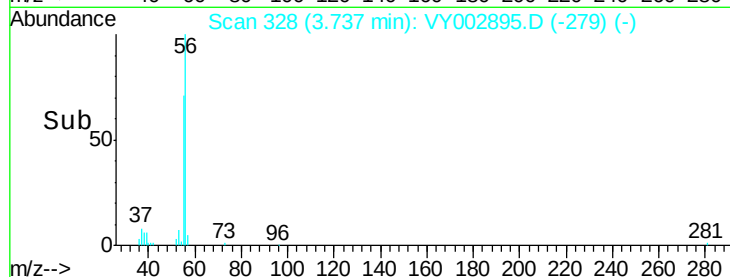
3.60

3.70

3.80

3.90

Time-->



#14

Allyl chloride

Concen: 20.910 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY002895.D

Acq: 15 Jun 2020 11:36

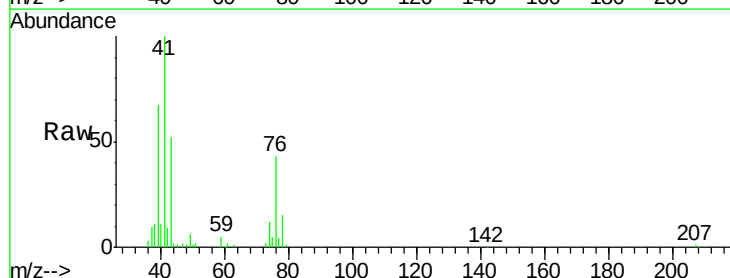
Tgt Ion: 41 Resp: 69945

Ion Ratio Lower Upper

41 100

39 63.4 49.9 74.9

76 41.1 33.2 49.8



Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0

30000

25000

20000

15000

10000

5000

0

4.30

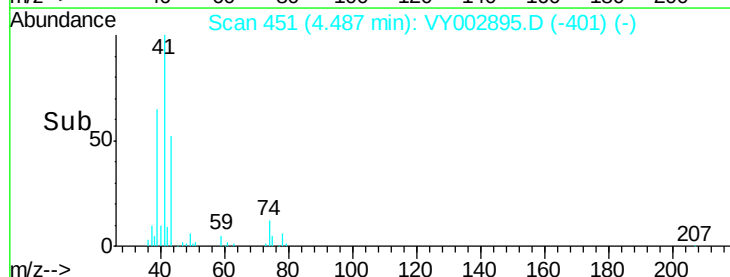
4.40

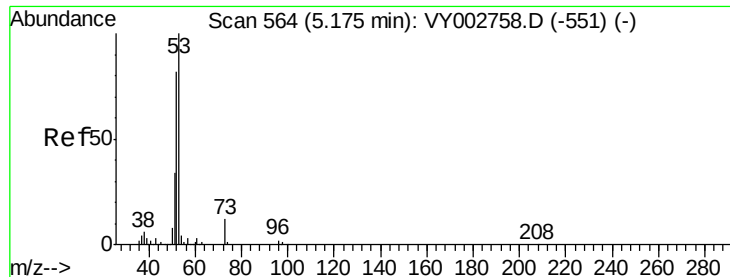
4.50

4.60

4.70

Time-->





#15

Acrylonitrile

Concen: 106.298 ug/l

RT: 5.18 min Scan# 565

Delta R.T. 0.01 min

Lab File: VY002895.D

Acq: 15 Jun 2020 11:36

Instrument :

MSVOA_Y

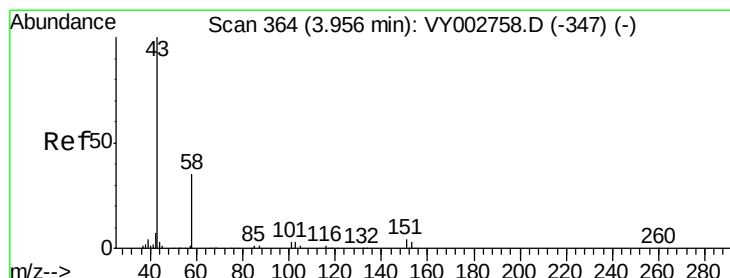
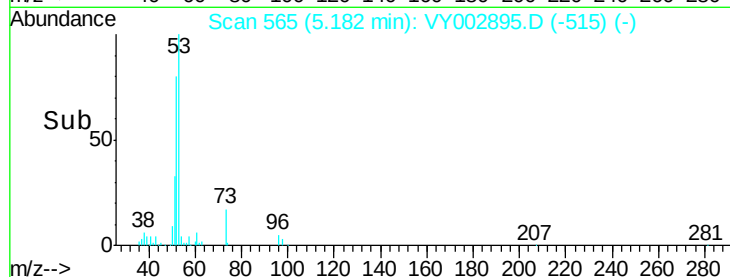
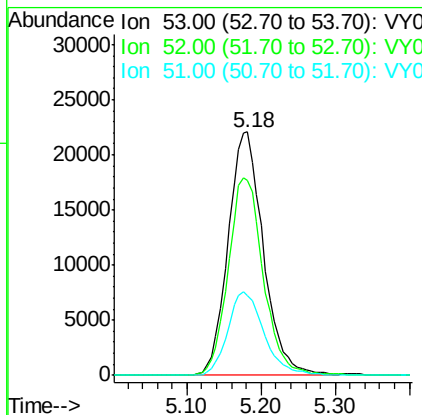
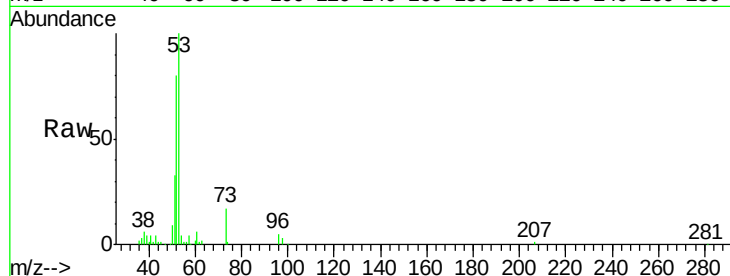
ClientSampleId :

VY0615SBS01

Tot Ion:	53	Resp:	73140
Ion Ratio	Lower	Upper	
53	100		
52	80.8	65.3	97.9
51	35.2	28.0	42.0

Manual Integrations
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#16

Acetone

Concen: 105.655 ug/l

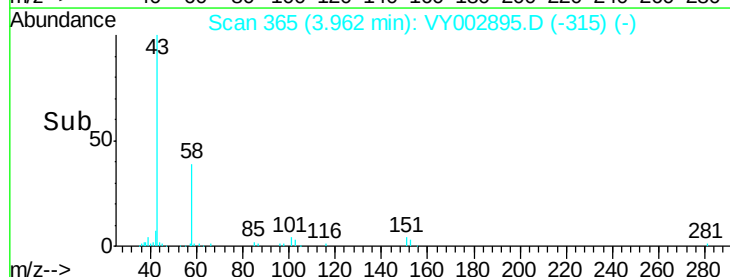
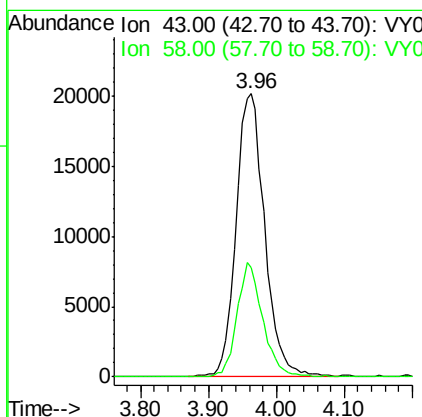
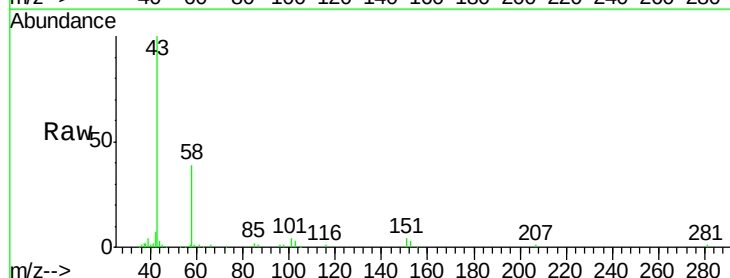
RT: 3.96 min Scan# 365

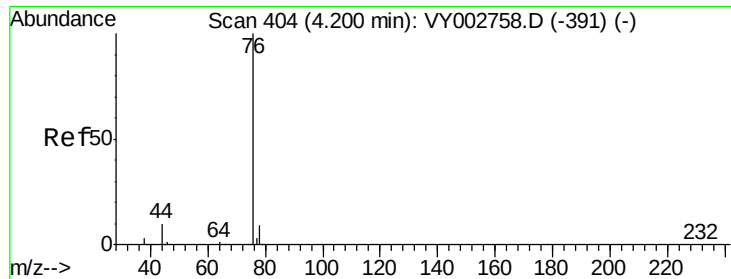
Delta R.T. 0.01 min

Lab File: VY002895.D

Acq: 15 Jun 2020 11:36

Tgt Ion:	43	Resp:	58975
Ion Ratio	Lower	Upper	
43	100		
58	38.8	27.7	41.5





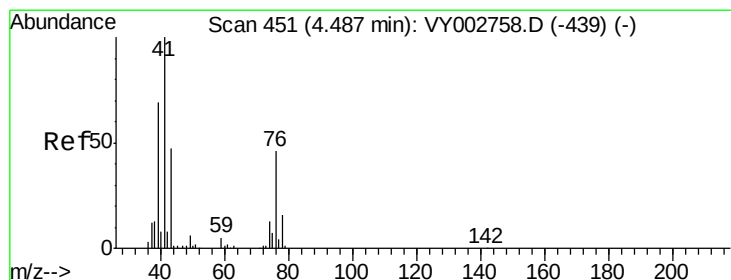
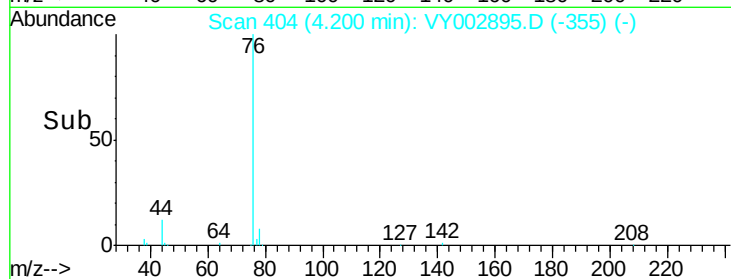
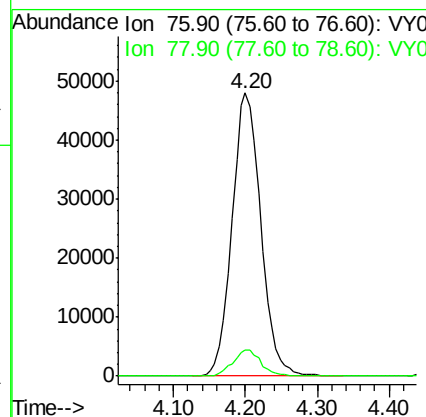
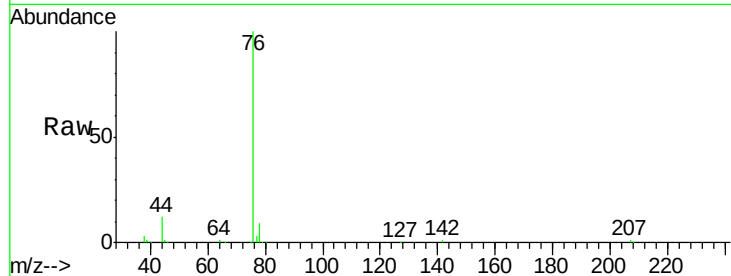
#17
Carbon Disulfide
Concen: 18.933 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.00 min
Lab File: VY002895.D
Acq: 15 Jun 2020 11:36

Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	6.9	10.3

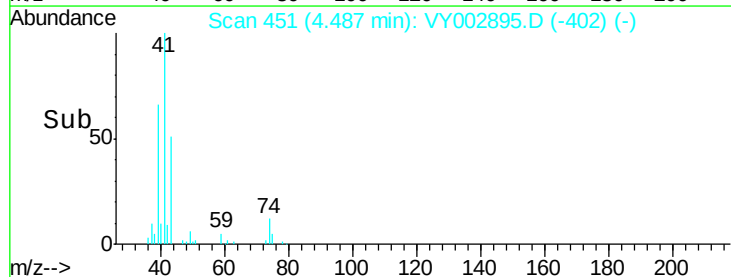
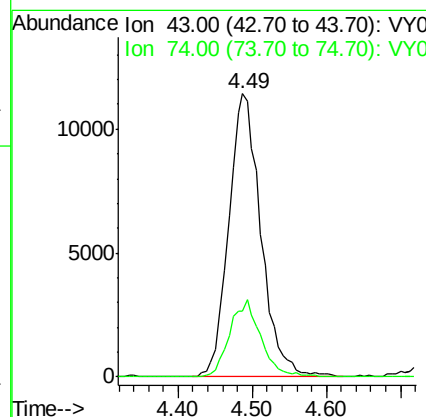
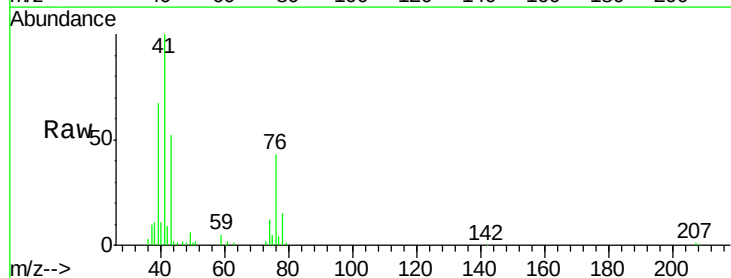
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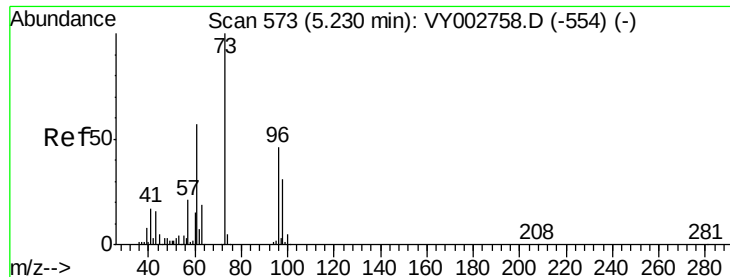
MMDadoda
6/16/2020 3:22:42 PM



#18
Methyl Acetate
Concen: 24.120 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.00 min
Lab File: VY002895.D
Acq: 15 Jun 2020 11:36

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.4	21.4	32.0





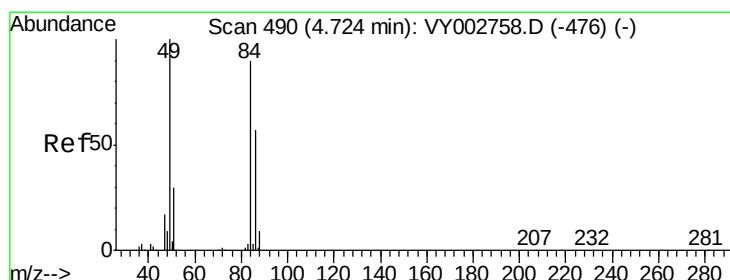
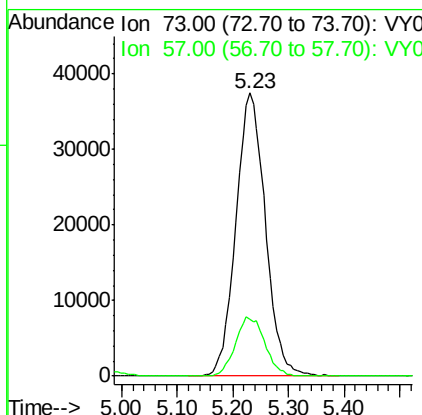
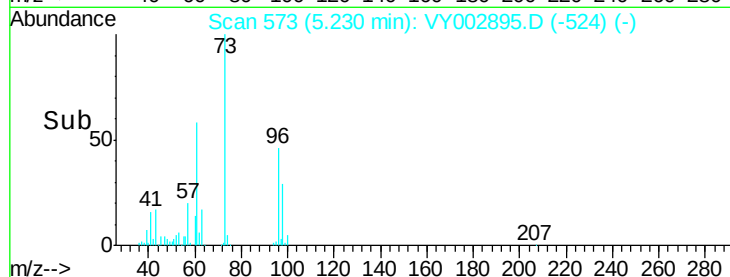
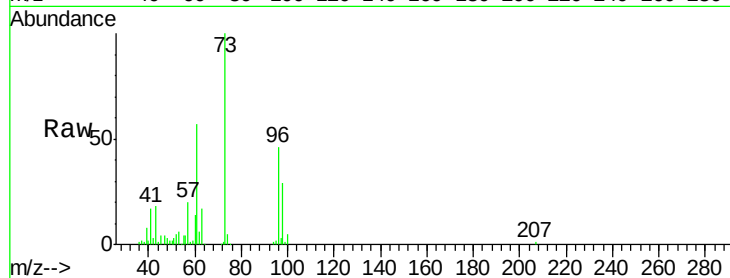
#19
Methyl tert-butyl Ether
Concen: 21.328 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.00 min
Lab File: VY002895.D
Acq: 15 Jun 2020 11:36

Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBS01

Tot Ion	Ion	Ratio	Lower	Upper
73	73	100		
57	57	19.9	17.0	25.4

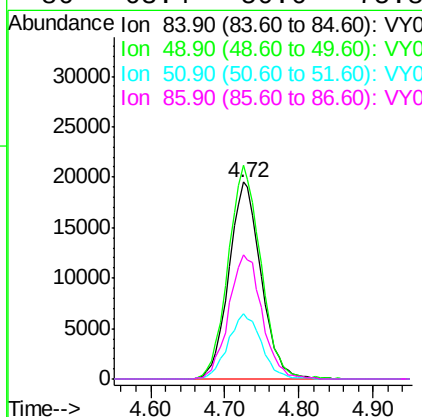
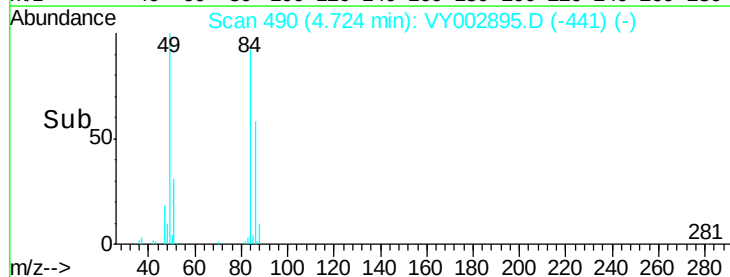
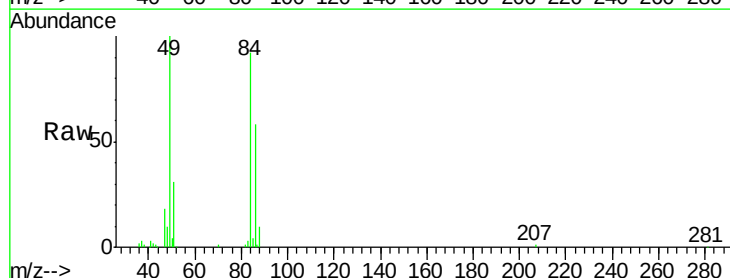
Manual Integrations
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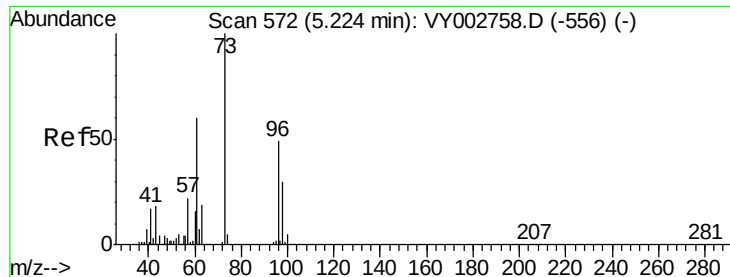
MMDadoda
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#20
Methylene Chloride
Concen: 21.614 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY002895.D
Acq: 15 Jun 2020 11:36

Tgt Ion	Ion	Ratio	Lower	Upper
84	84	100		
49	49	108.6	88.5	132.7
51	51	33.5	26.8	40.2
86	86	63.4	50.6	75.8





#21

trans-1,2-Dichloroethene

Concen: 20.613 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.00 min

Lab File: VY002895.D

Acq: 15 Jun 2020 11:36

Instrument :

MSVOA_Y

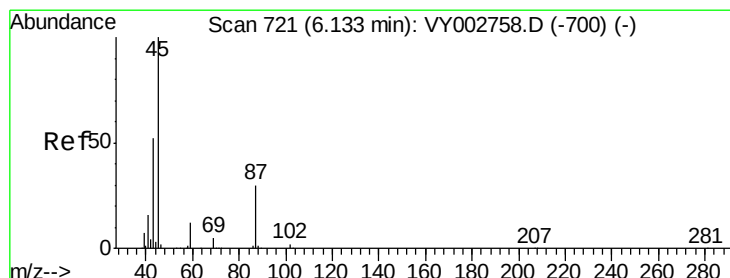
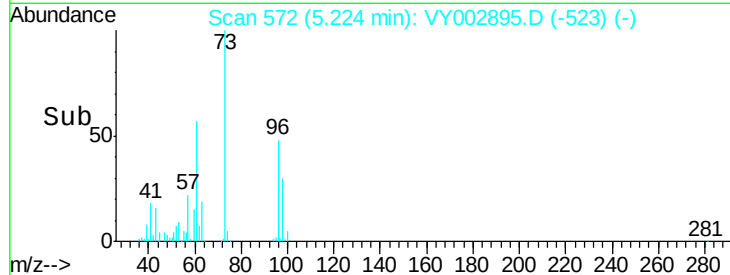
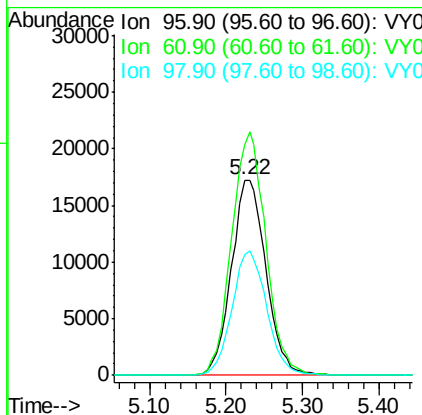
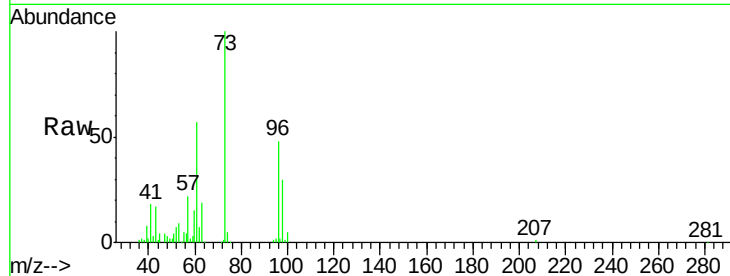
ClientSampleId :

VY0615SBS01

Tot Ion:	96	Resp:	54067
Ion Ratio	Lower	Upper	
96	100		
61	118.0	96.8	145.2
98	61.9	49.4	74.0

Manual Integrations
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#22

Diisopropyl ether

Concen: 21.019 ug/l

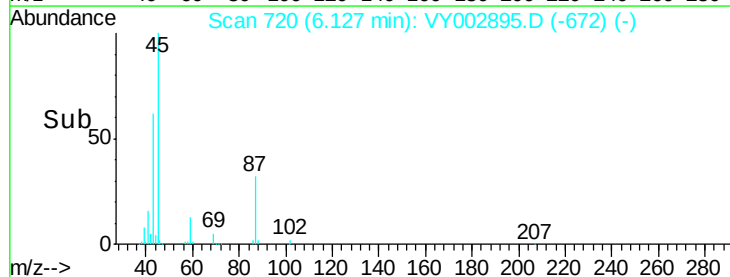
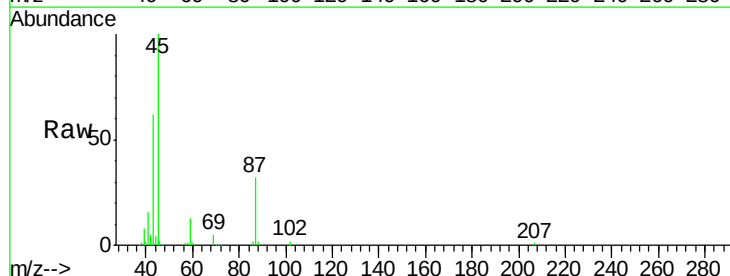
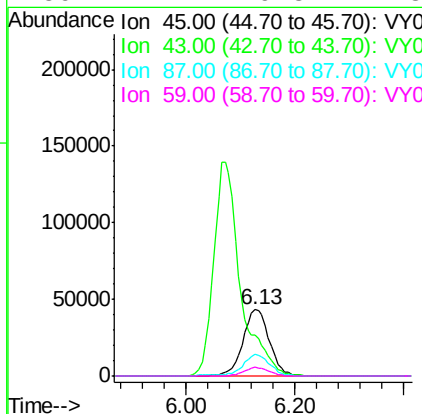
RT: 6.13 min Scan# 720

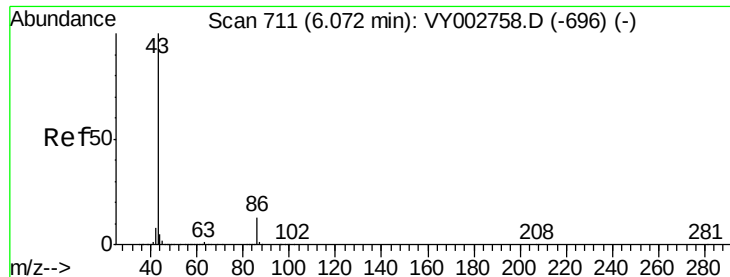
Delta R.T. -0.01 min

Lab File: VY002895.D

Acq: 15 Jun 2020 11:36

Tgt Ion:	45	Resp:	146110
Ion Ratio	Lower	Upper	
45	100		
43	61.6	41.7	62.5
87	32.4	24.2	36.2
59	12.7	9.8	14.8





#23

Vinyl Acetate

Concen: 103.200 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.00 min

Lab File: VY002895.D

Acq: 15 Jun 2020 11:36

Tot Ion: 43 Resp: 473623

Ion Ratio Lower Upper

43 100

86 13.3 10.2 15.2

Instrument :

MSVOA_Y

ClientSampleId :

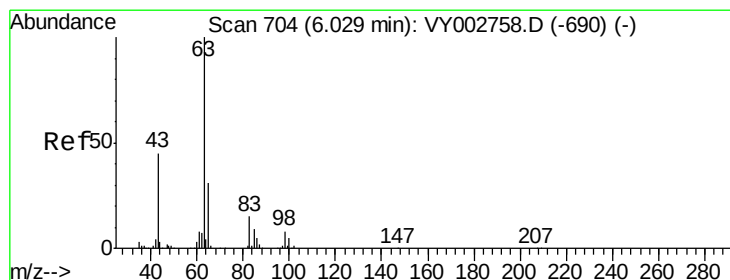
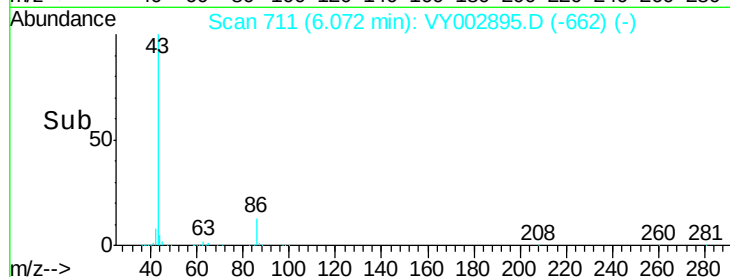
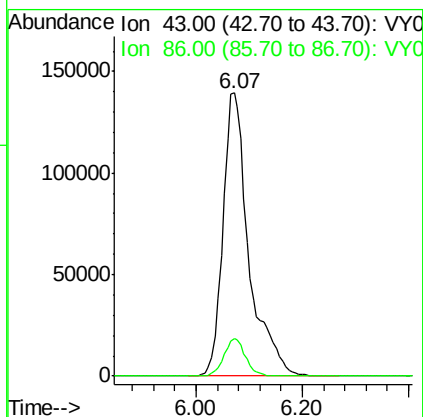
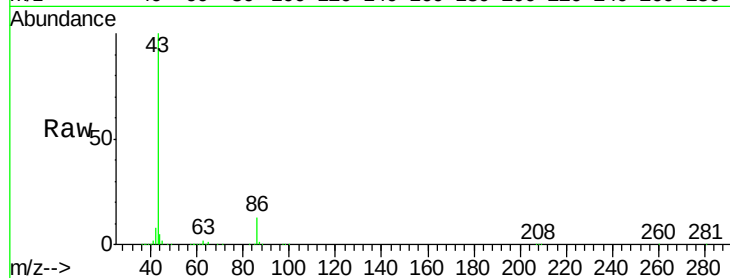
VY0615SBS01

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 21.352 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: VY002895.D

Acq: 15 Jun 2020 11:36

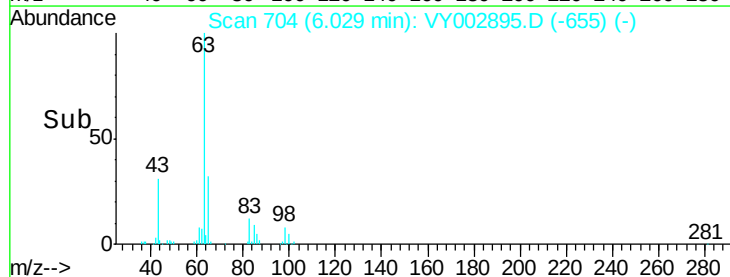
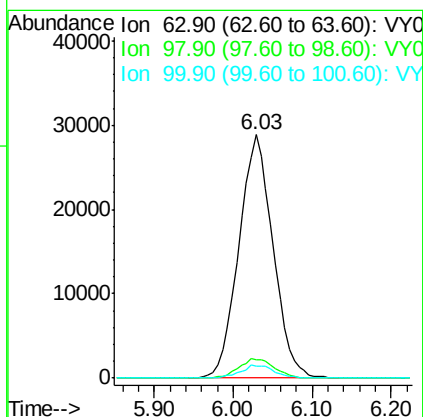
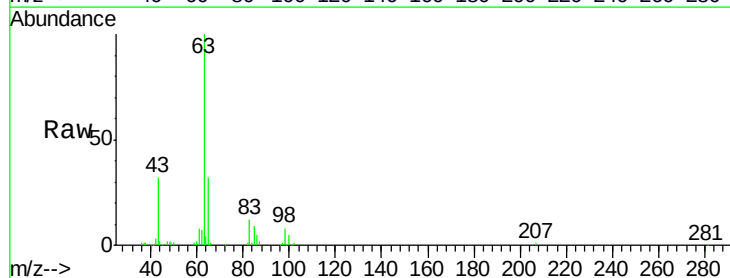
Tgt Ion: 63 Resp: 86822

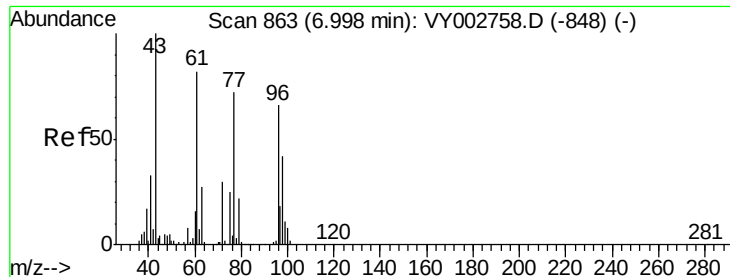
Ion Ratio Lower Upper

63 100

98 7.6 4.0 12.2

100 4.7 2.4 7.1





#25

2-Butanone

Concen: 103.443 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.00 min

Lab File: VY002895.D

Acq: 15 Jun 2020 11:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0615SBS01

Tot Ion: 43 Resp: 89960

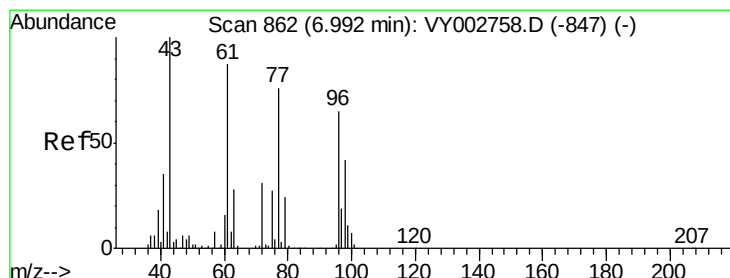
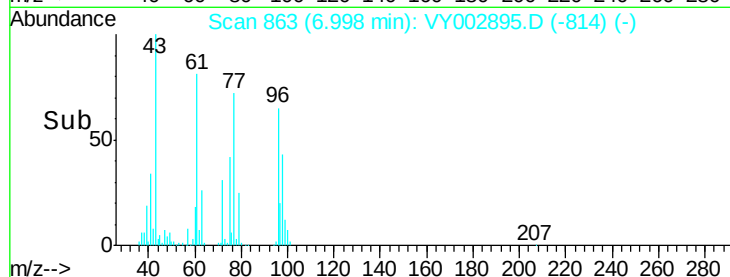
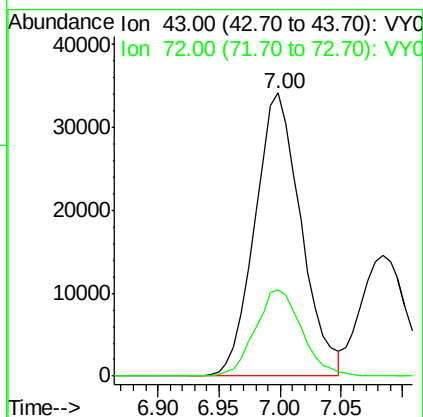
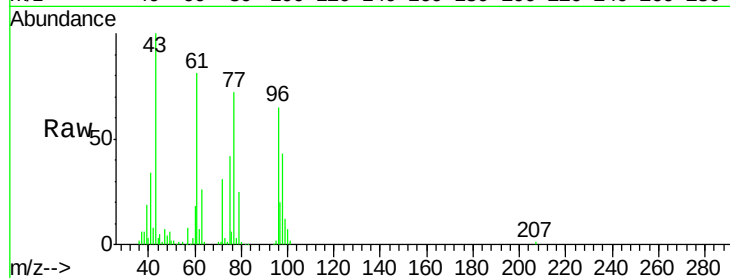
Ion Ratio Lower Upper

43 100

72 30.5 23.9 35.9

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 20.719 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY002895.D

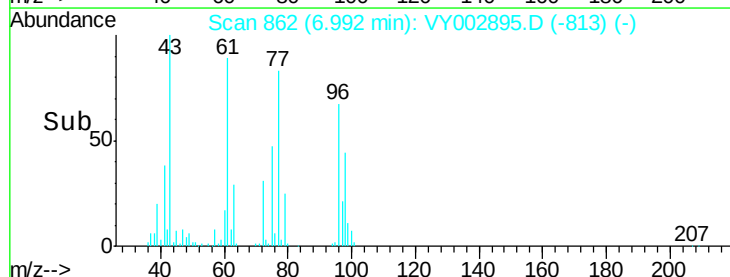
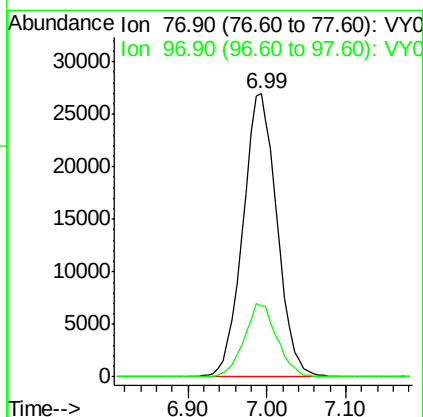
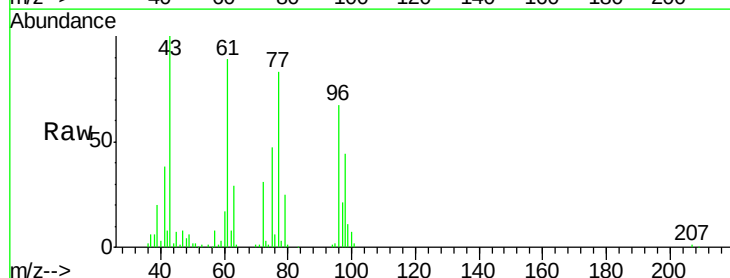
Acq: 15 Jun 2020 11:36

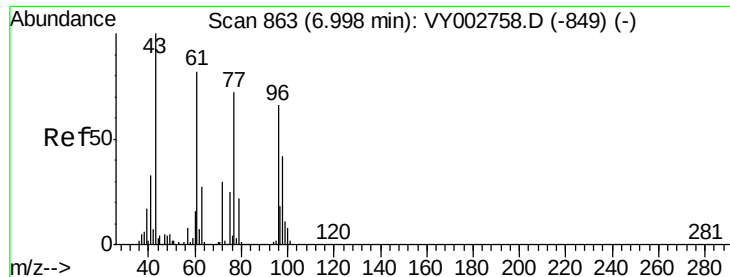
Tgt Ion: 77 Resp: 80802

Ion Ratio Lower Upper

77 100

97 24.9 12.2 36.6





#27

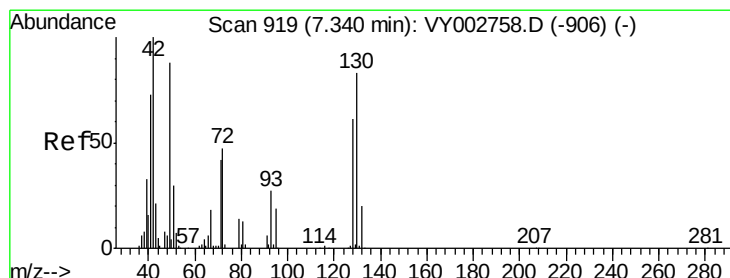
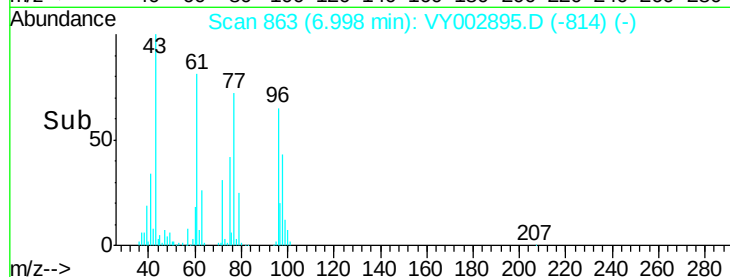
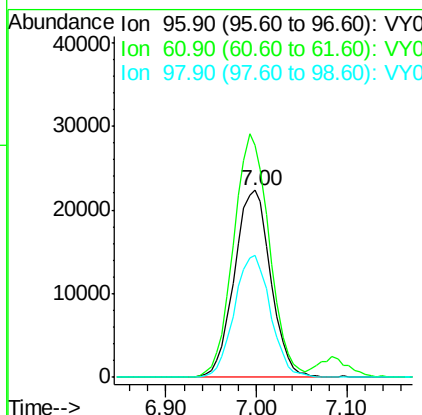
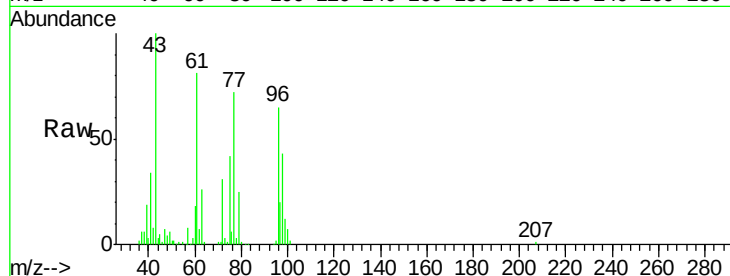
cis-1,2-Dichloroethene
Concen: 21.209 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.00 min
Lab File: VY002895.D
Acq: 15 Jun 2020 11:36

Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	128.0	0.0	260.2
98	64.4	0.0	128.2

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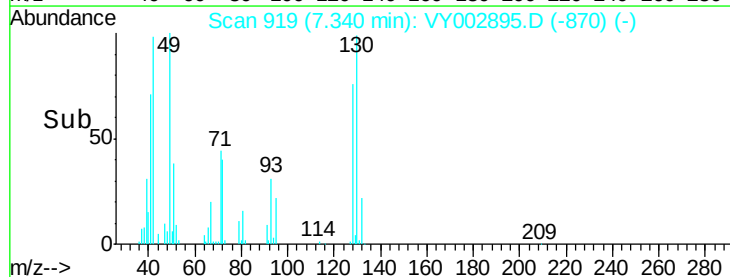
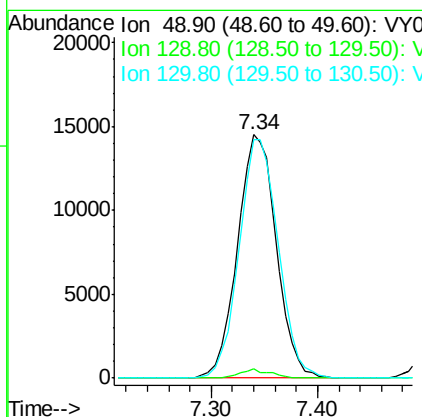
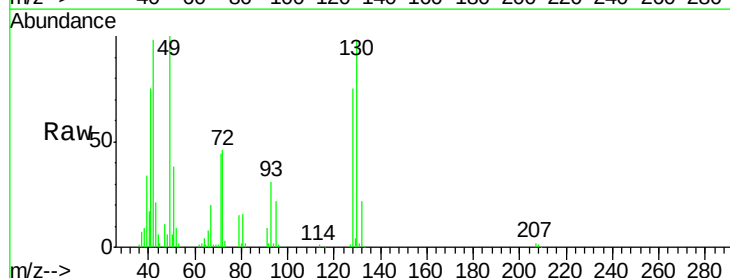
MMDadoda
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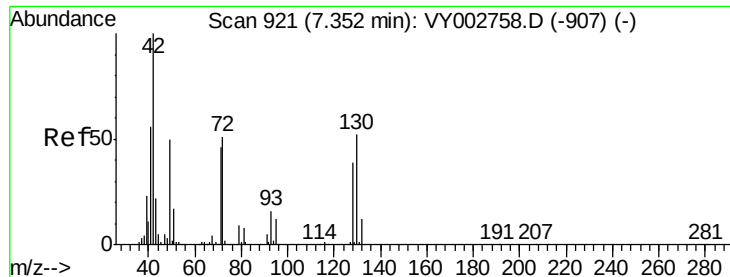


#28

Bromochloromethane
Concen: 22.209 ug/l
RT: 7.34 min Scan# 919
Delta R.T. 0.00 min
Lab File: VY002895.D
Acq: 15 Jun 2020 11:36

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	5.2
130	99.1	77.1	115.7





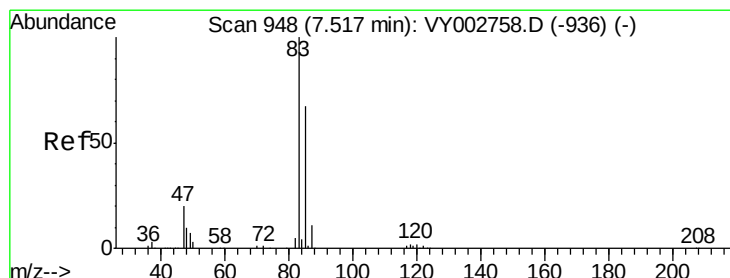
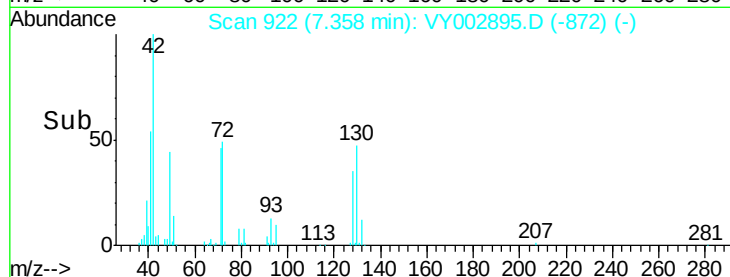
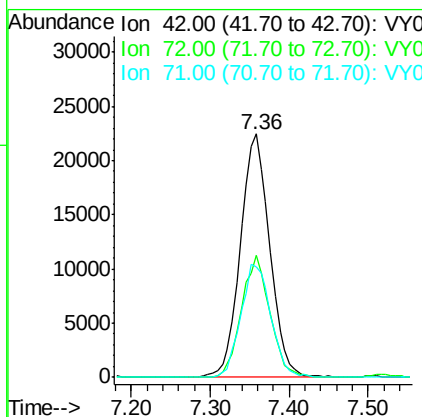
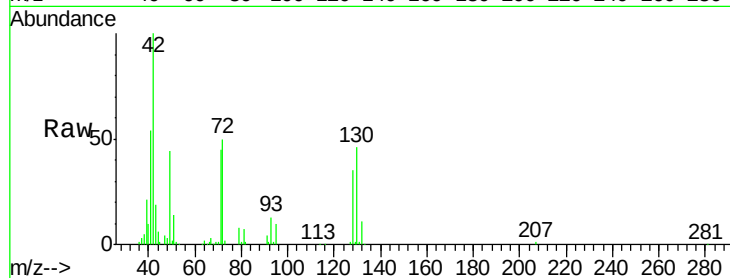
#29
Tetrahydrofuran
Concen: 102.960 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.01 min
Lab File: VY002895.D
Acq: 15 Jun 2020 11:36

Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.6	38.6	58.0
71	47.2	35.8	53.8

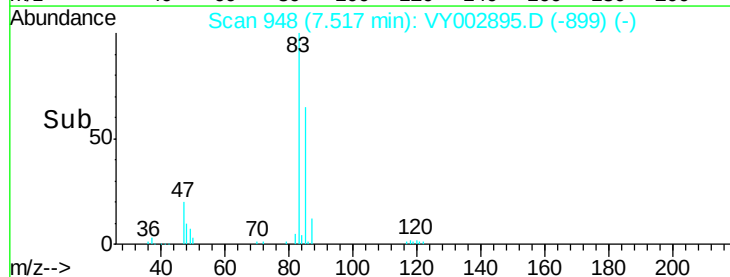
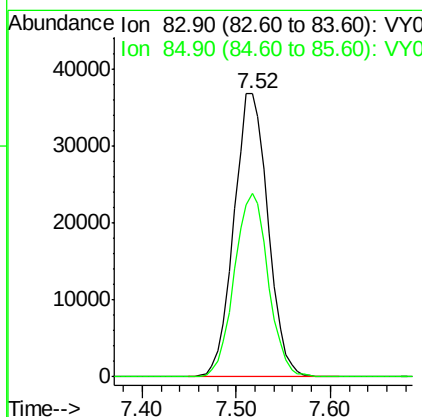
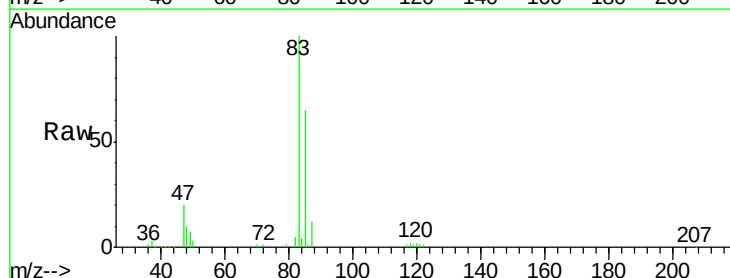
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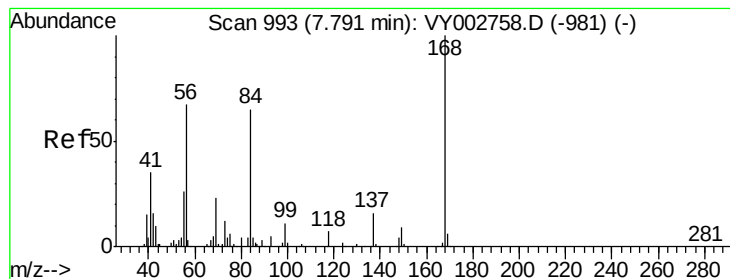
MMDadoda
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#30
Chloroform
Concen: 21.514 ug/l
RT: 7.52 min Scan# 948
Delta R.T. 0.00 min
Lab File: VY002895.D
Acq: 15 Jun 2020 11:36

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.8	53.8	80.8





#31

Cyclohexane

Concen: 19.451 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY002895.D

Acq: 15 Jun 2020 11:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0615SBS01

Tot Ion: 56 Resp: 78530

Ion Ratio Lower Upper

56 100

69 40.8 28.0 42.0

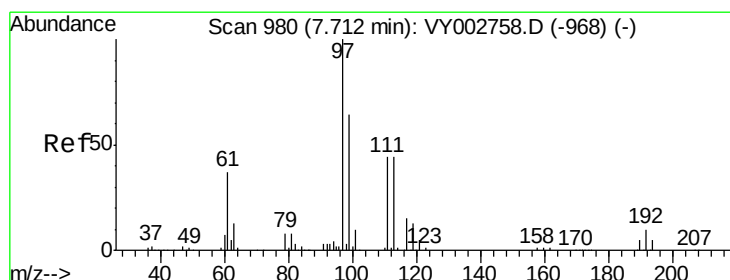
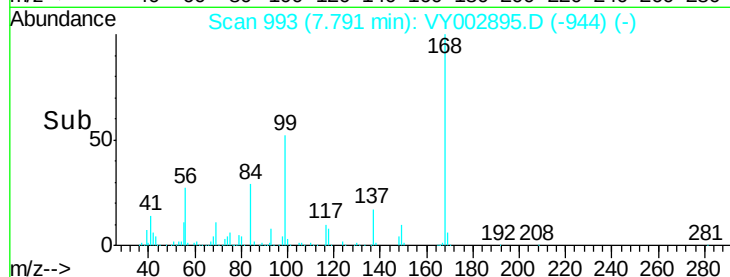
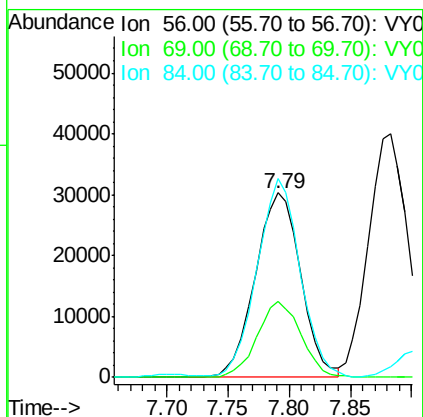
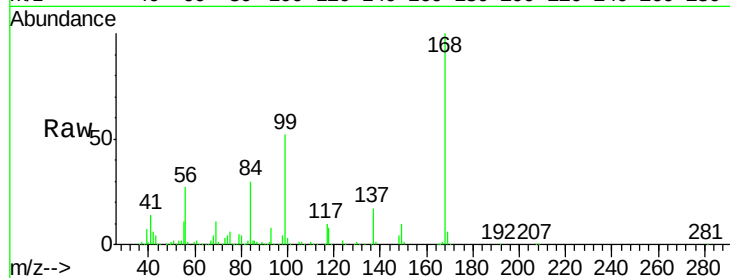
84 106.3 77.7 116.5

Manual Integrations

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6/16/2020 3:22:42 PM



#32

1,1,1-Trichloroethane

Concen: 21.349 ug/l

RT: 7.71 min Scan# 979

Delta R.T. -0.01 min

Lab File: VY002895.D

Acq: 15 Jun 2020 11:36

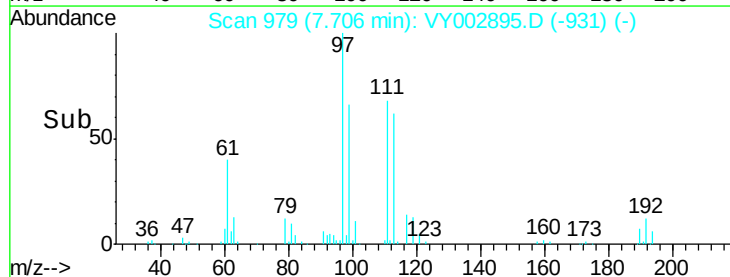
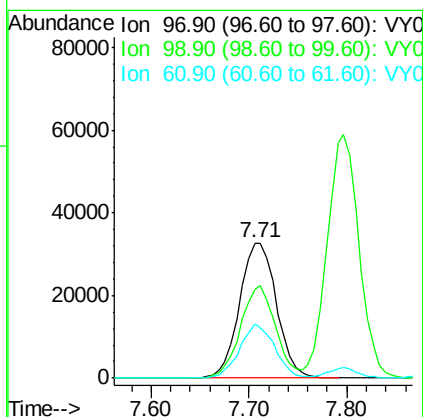
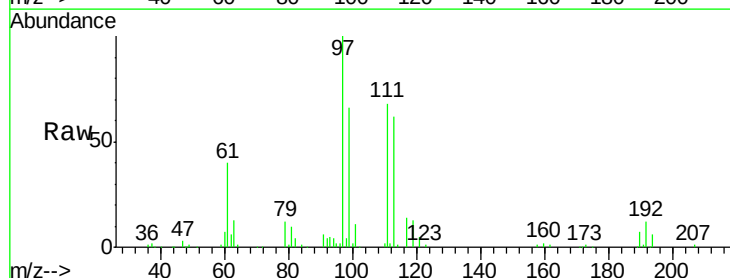
Tgt Ion: 97 Resp: 85841

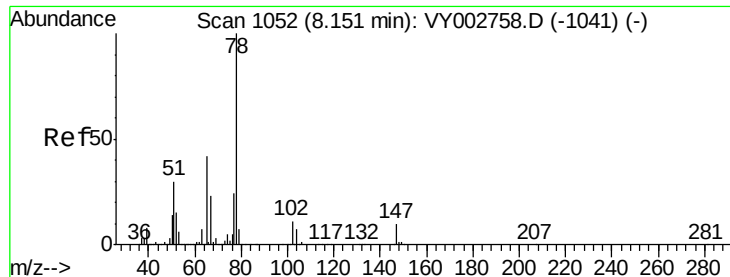
Ion Ratio Lower Upper

97 100

99 65.4 51.4 77.0

61 38.3 30.1 45.1





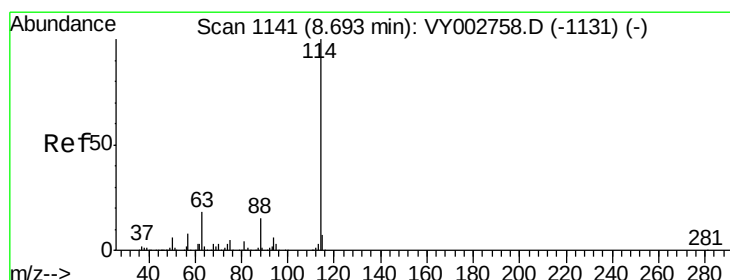
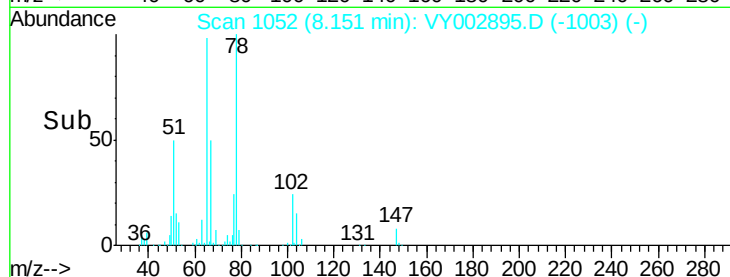
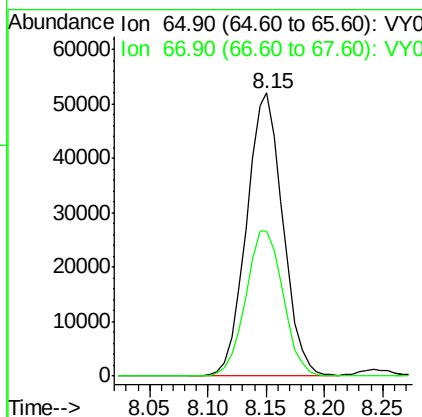
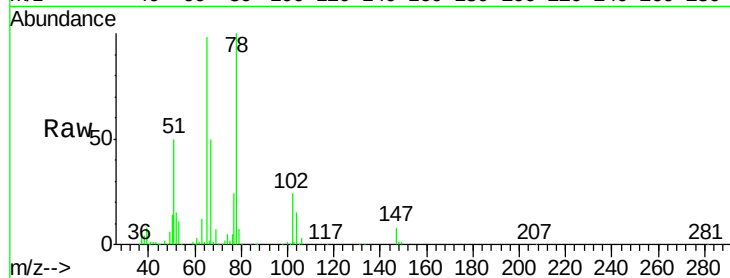
#33
 1,2-Dichloroethane-d4
 Concen: 47.470 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY002895.D
 Acq: 15 Jun 2020 11:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0615SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	53.1	0.0	111.0	

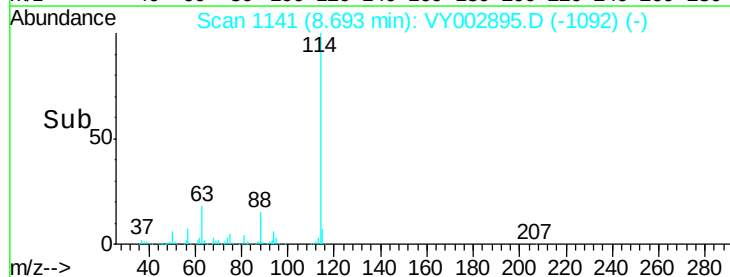
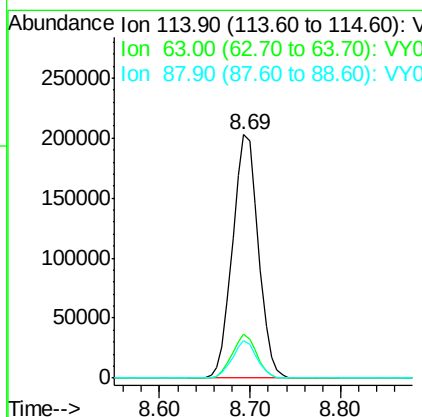
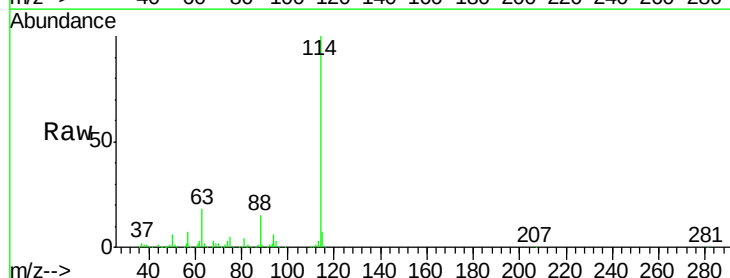
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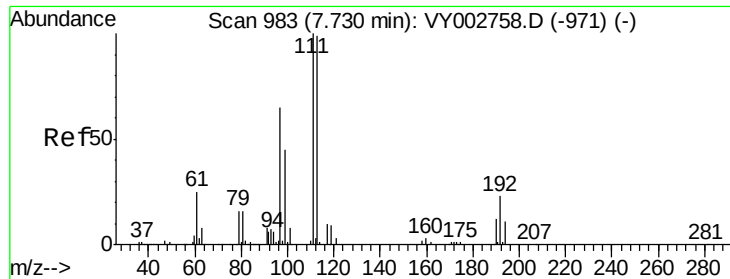
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002895.D
 Acq: 15 Jun 2020 11:36

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	17.9	0.0	35.2	
88	15.3	0.0	29.2	





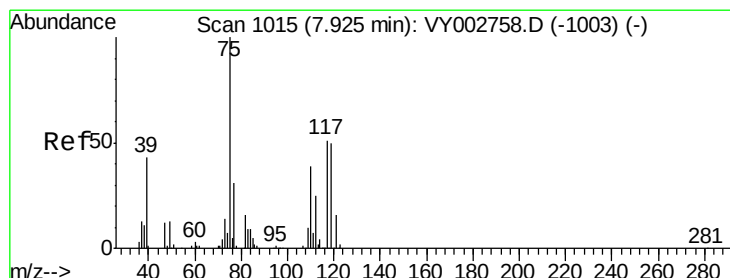
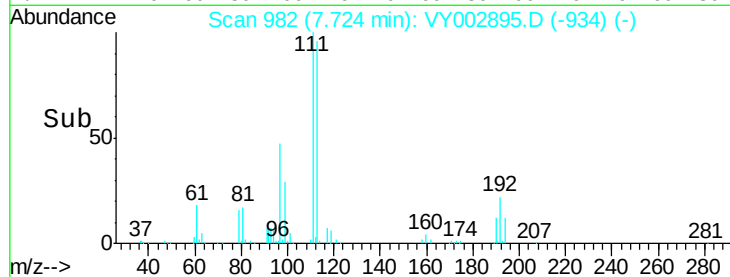
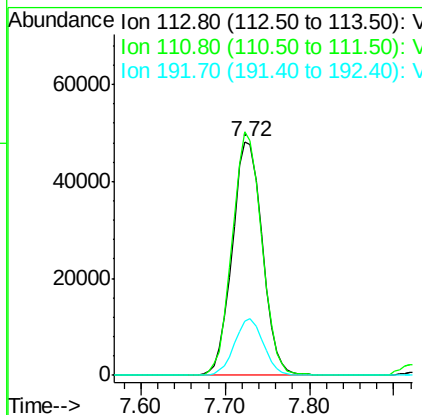
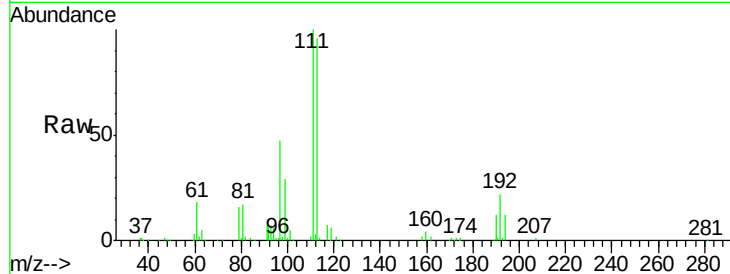
#35
 Dibromofluoromethane
 Concen: 49.739 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002895.D
 Acq: 15 Jun 2020 11:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0615SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	116693		
111	101.9	82.0	123.0	
192	23.4	18.9	28.3	

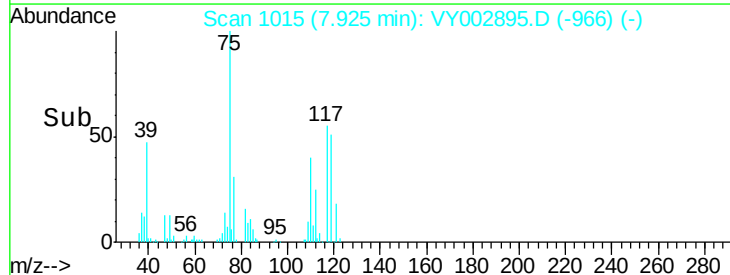
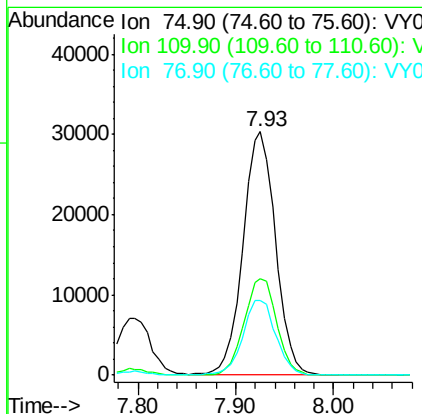
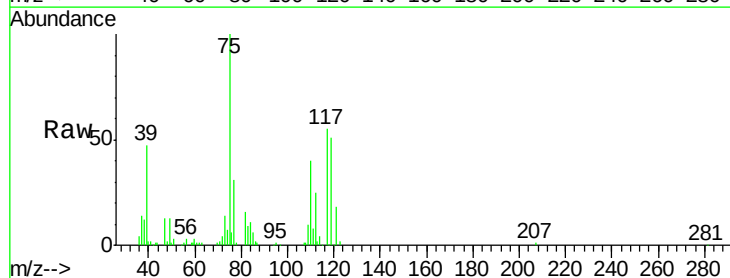
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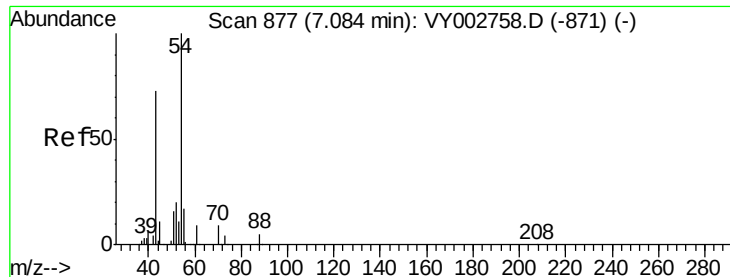
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#36
 1,1-Dichloropropene
 Concen: 20.758 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: VY002895.D
 Acq: 15 Jun 2020 11:36

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	70000		
110	39.5	19.3	57.9	
77	31.1	24.8	37.2	





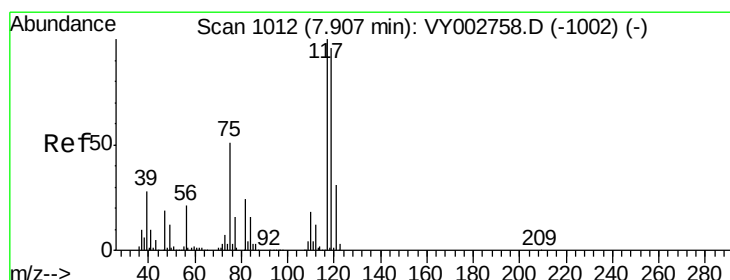
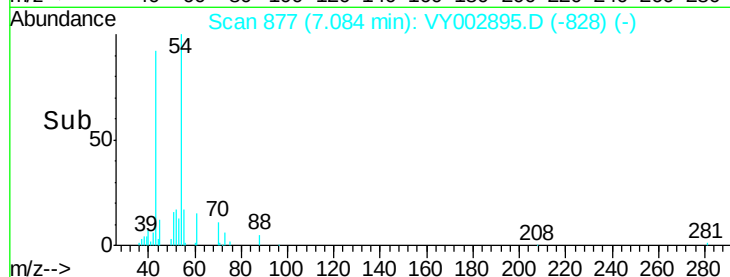
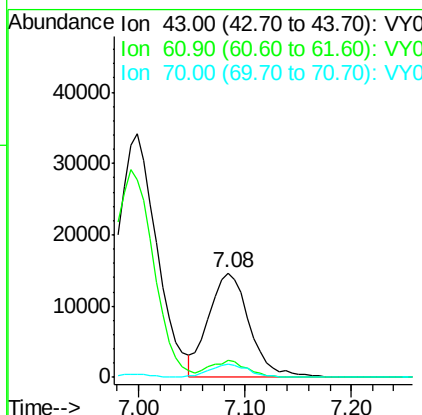
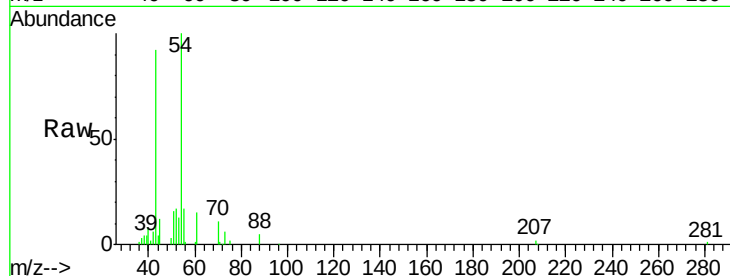
#37
Ethyl Acetate
Concen: 21.052 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.00 min
Lab File: VY002895.D
Acq: 15 Jun 2020 11:36

Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.2	11.9	17.9
70	12.0	9.1	13.7

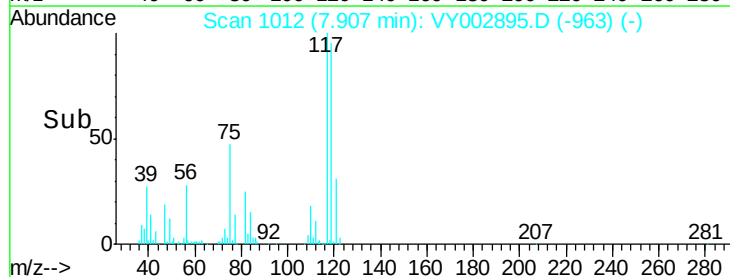
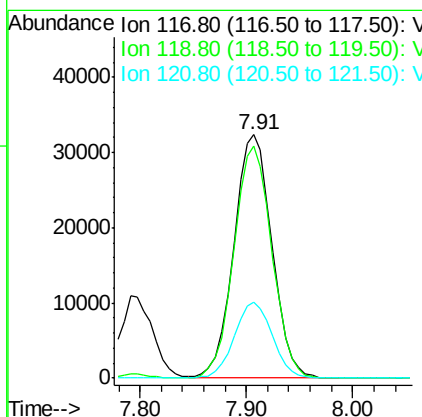
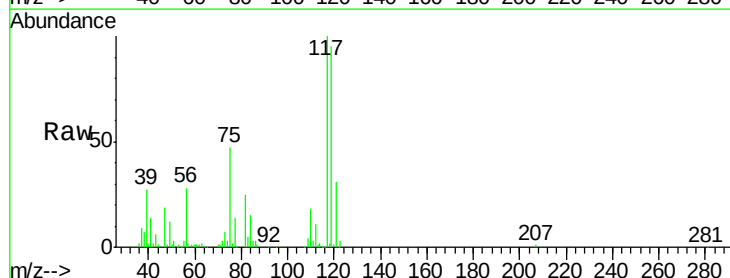
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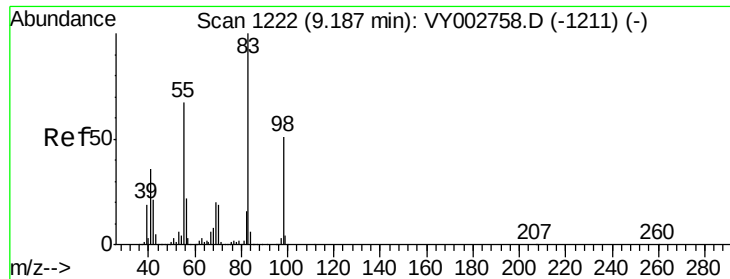
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#38
Carbon Tetrachloride
Concen: 21.669 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY002895.D
Acq: 15 Jun 2020 11:36

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.2	76.8	115.2
121	31.4	24.8	37.2





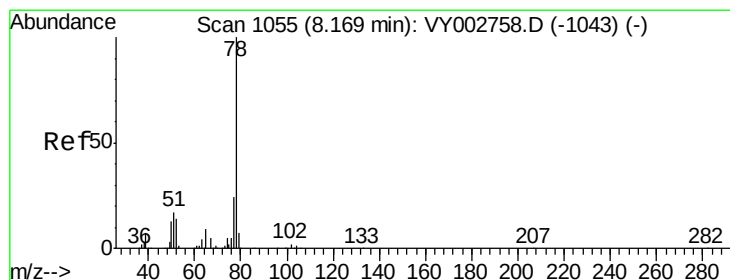
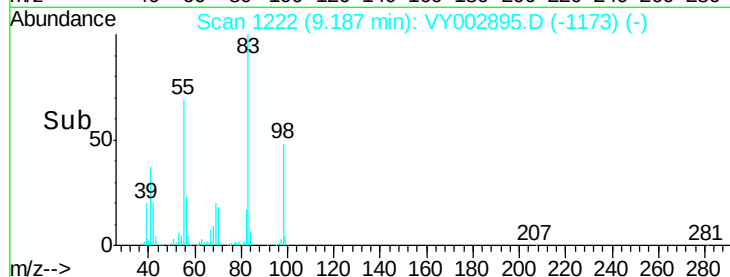
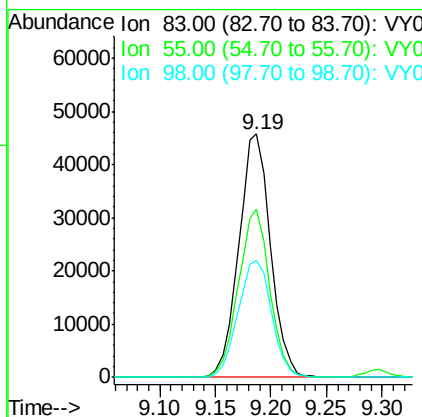
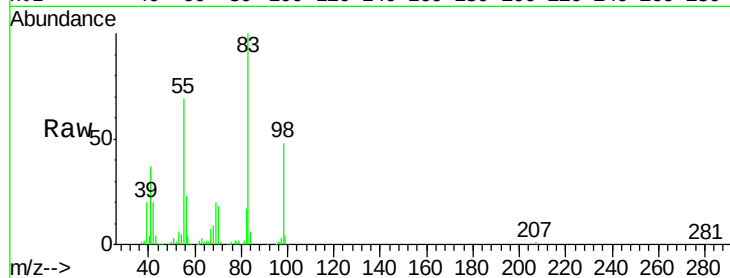
#39
Methylvlcyclohexane
Concen: 20.340 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY002895.D
Acq: 15 Jun 2020 11:36

Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBS01

Tot Ion	83	Resp	90409
Ion Ratio	Lower	Upper	
83	100		
55	69.1	53.3	79.9
98	48.2	41.1	61.7

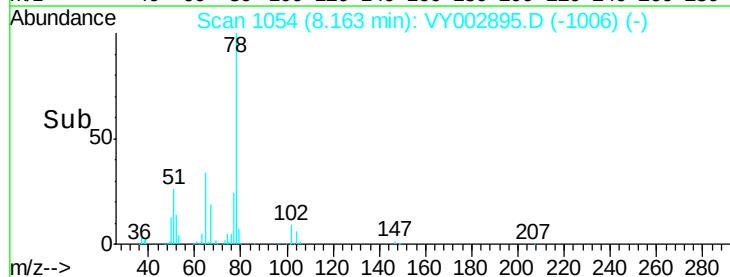
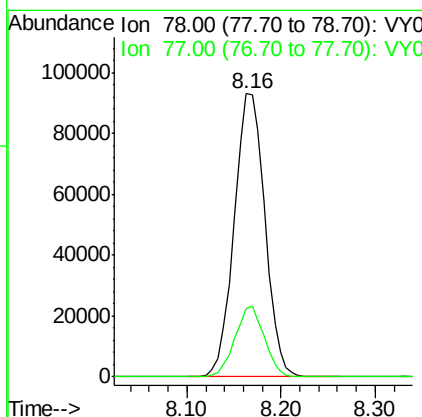
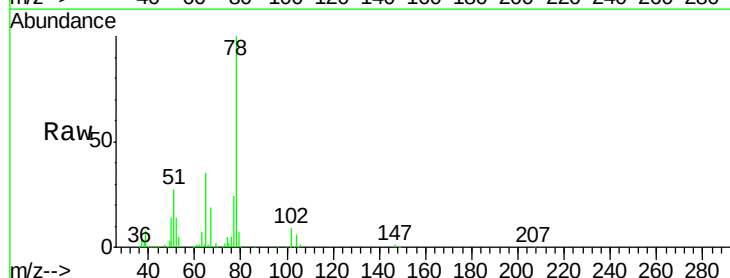
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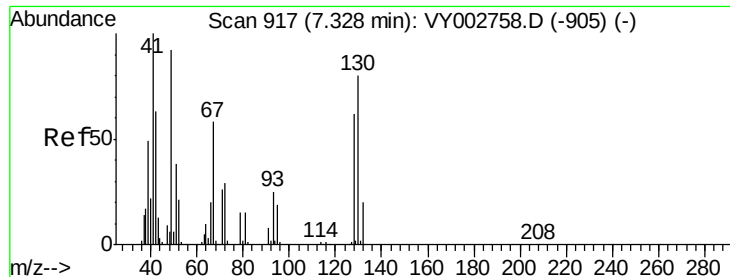
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#40
Benzene
Concen: 21.119 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY002895.D
Acq: 15 Jun 2020 11:36

Tgt Ion	78	Resp	210441
Ion Ratio	Lower	Upper	
78	100		
77	24.3	18.8	28.2





#41

Methacrylonitrile

Concen: 15.633 ug/l m

RT: 7.32 min Scan# 915

Delta R.T. -0.01 min

Lab File: VY002895.D

Acq: 15 Jun 2020 11:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0615SBS01

Tot Ion: 41 Resp: 15409

Ion Ratio Lower Upper

41 100

39 100.2 97.6 146.4

67 0.0 0.0 0.0

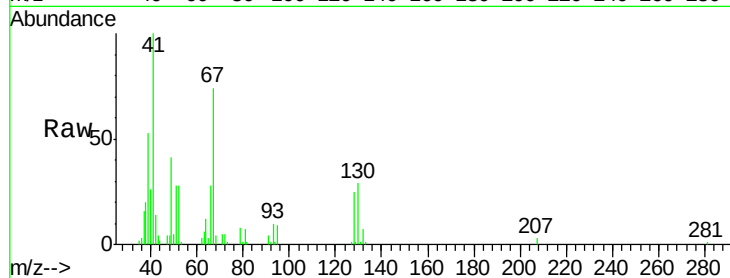
52 0.0 0.0 0.0

Manual Integrations

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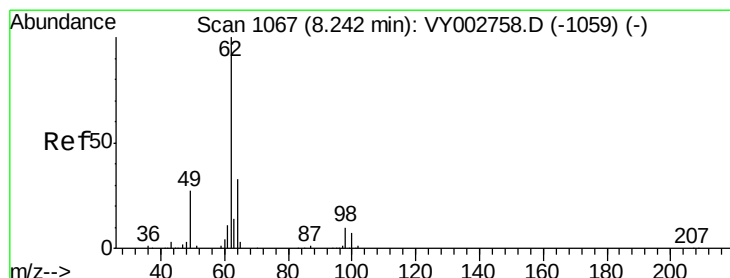
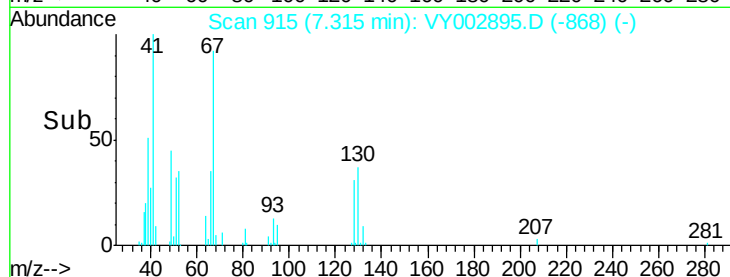
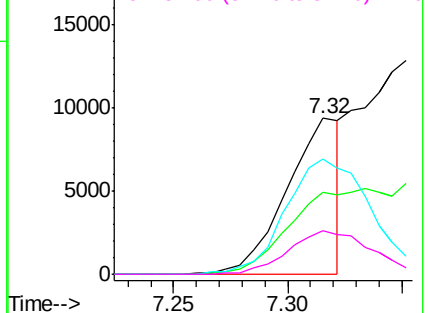


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 21.383 ug/l

RT: 8.24 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VY002895.D

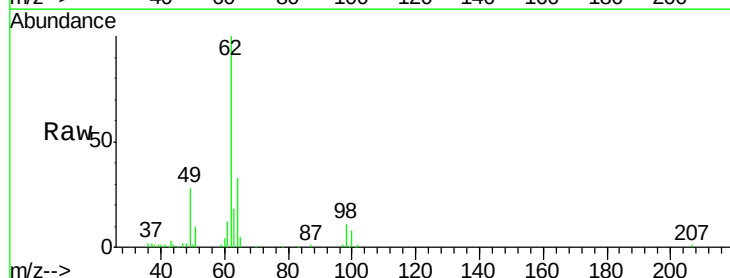
Acq: 15 Jun 2020 11:36

Tgt Ion: 62 Resp: 59713

Ion Ratio Lower Upper

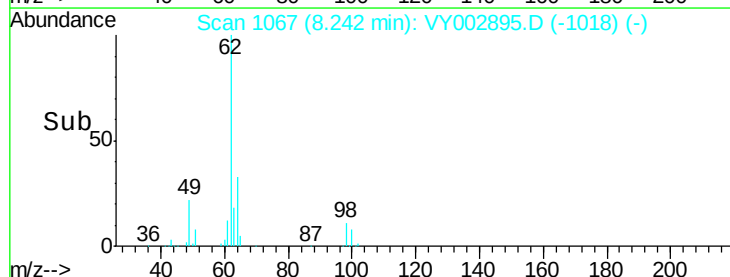
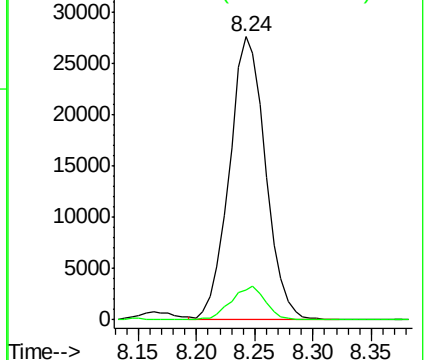
62 100

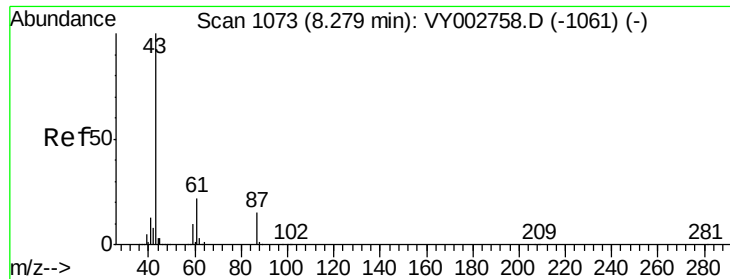
98 11.4 0.0 22.6



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 21.032 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VY002895.D

Acq: 15 Jun 2020 11:36

Instrument :

MSVOA_Y

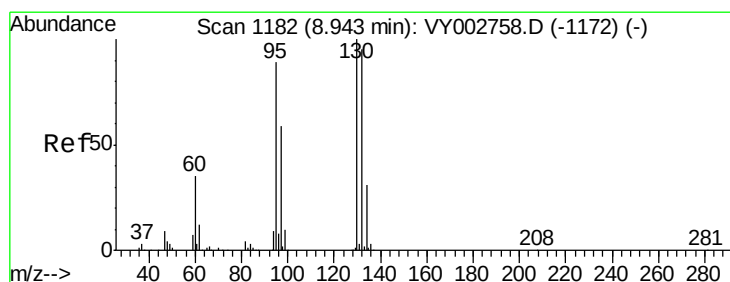
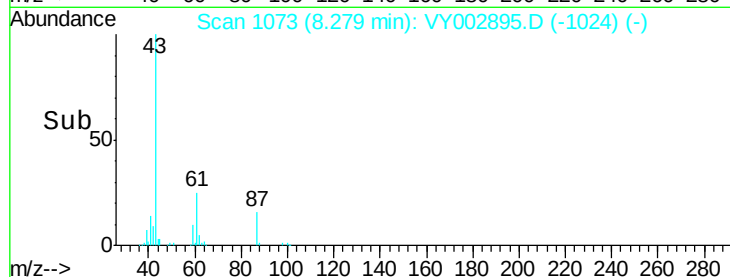
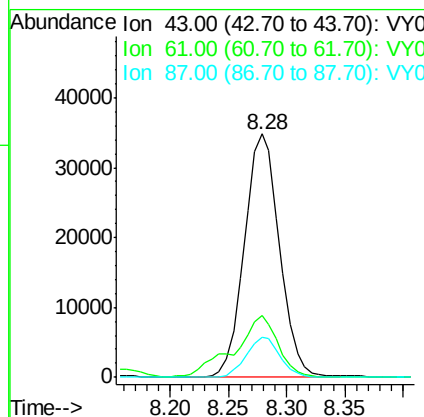
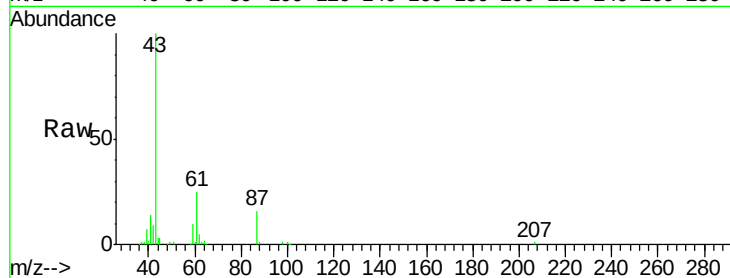
ClientSampleId :

VY0615SBS01

Tot Ion:	43	Resp:	73127
Ion	Ratio	Lower	Upper
43	100		
61	31.7	24.8	37.2
87	15.8	12.4	18.6

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#44

Trichloroethene

Concen: 21.104 ug/l

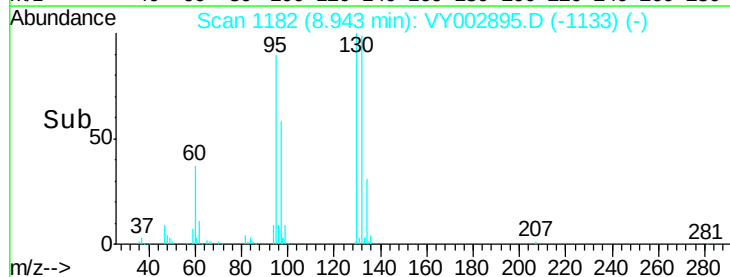
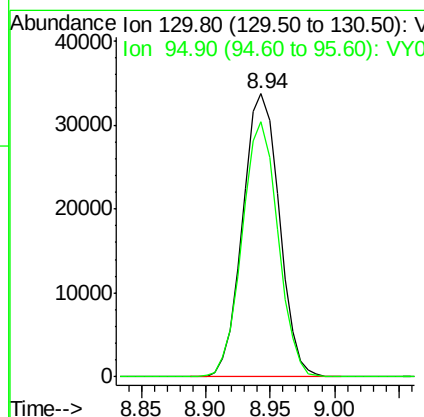
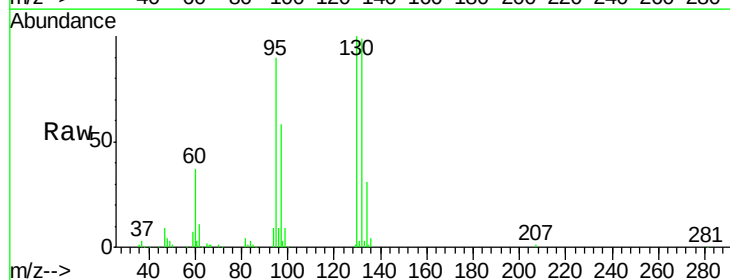
RT: 8.94 min Scan# 1182

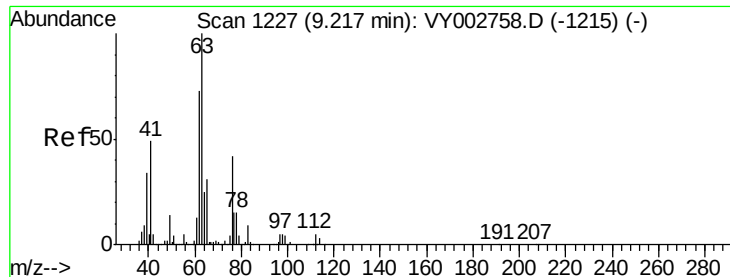
Delta R.T. 0.00 min

Lab File: VY002895.D

Acq: 15 Jun 2020 11:36

Tgt Ion:	130	Resp:	66425
Ion	Ratio	Lower	Upper
130	100		
95	90.1	0.0	178.8





#45

1,2-Dichloropropane

Concen: 21.109 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. 0.00 min

Lab File: VY002895.D

Acq: 15 Jun 2020 11:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0615SBS01

Tot Ion: 63 Resp: 50442

Ion Ratio Lower Upper

63 100

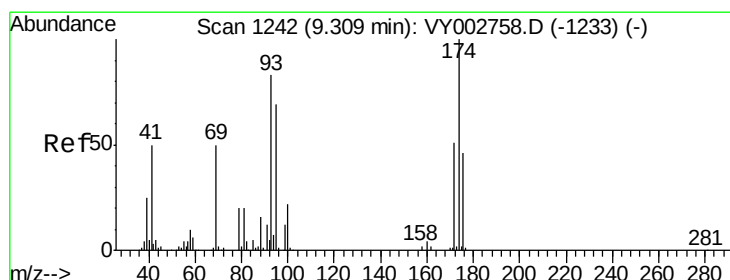
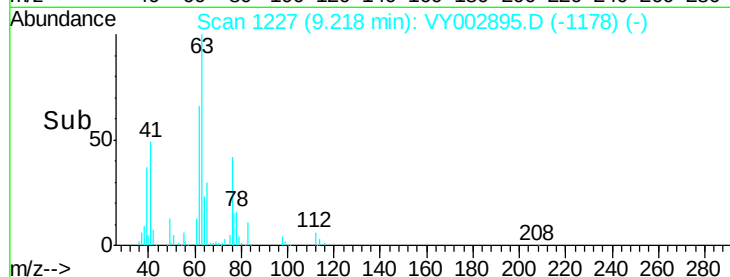
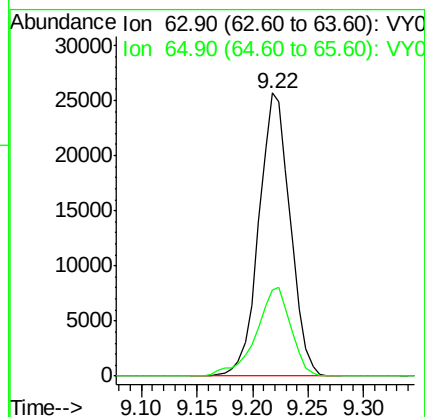
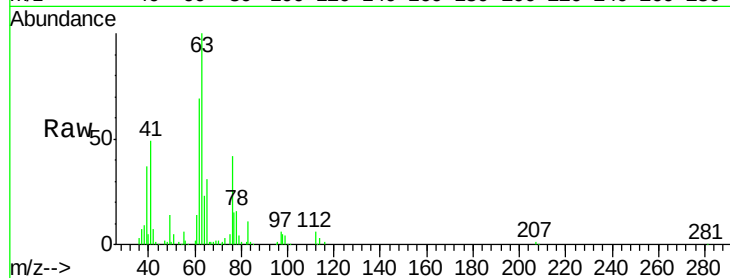
65 30.5 24.8 37.2

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#46

Dibromomethane

Concen: 21.213 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VY002895.D

Acq: 15 Jun 2020 11:36

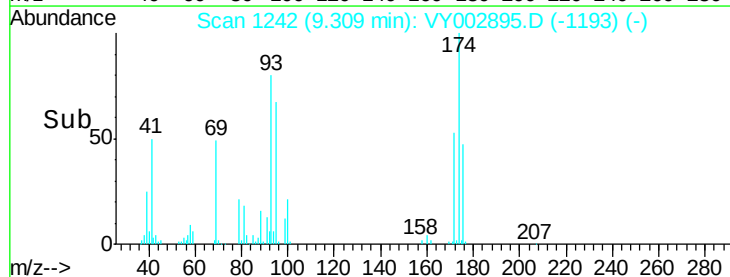
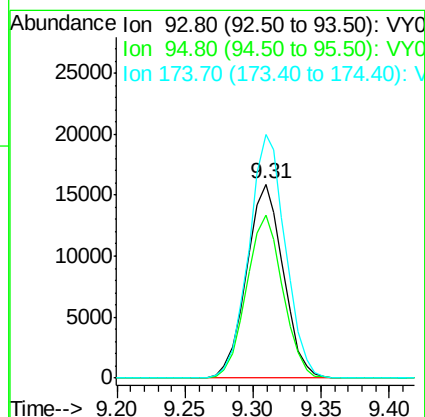
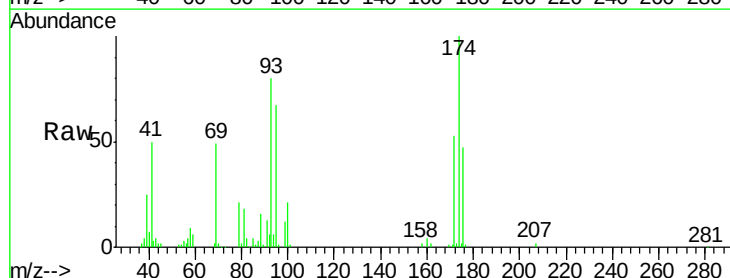
Tgt Ion: 93 Resp: 30104

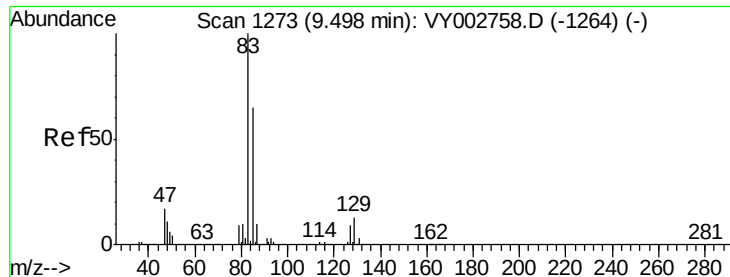
Ion Ratio Lower Upper

93 100

95 82.9 66.9 100.3

174 124.5 97.7 146.5





#47

Bromodichloromethane

Concen: 21.858 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY002895.D

Acq: 15 Jun 2020 11:36

Instrument :

MSVOA_Y

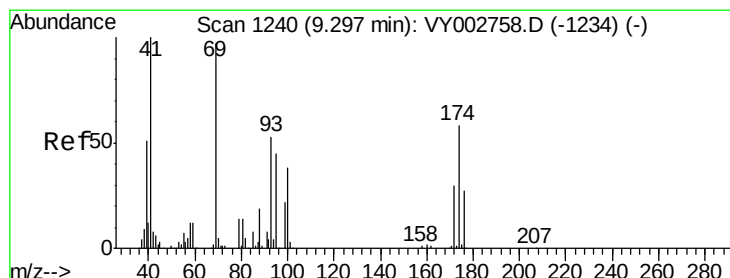
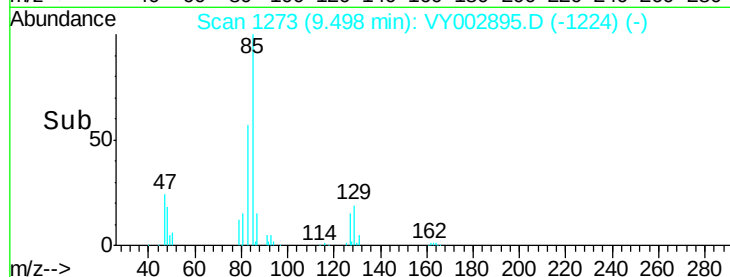
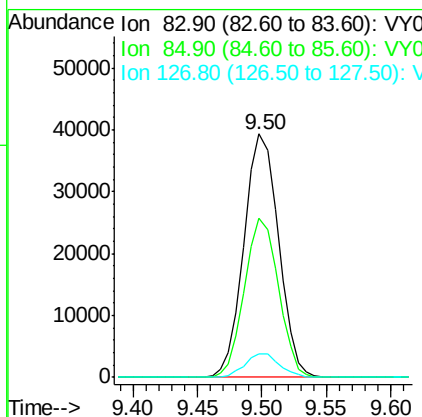
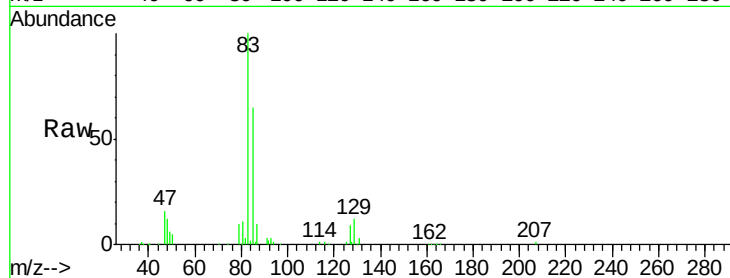
ClientSampleId :

VY0615SBS01

Tot Ion:	83	Resp:	73128
Ion Ratio	Lower	Upper	
83	100		
85	65.3	51.9	77.9
127	9.5	7.1	10.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 21.248 ug/l

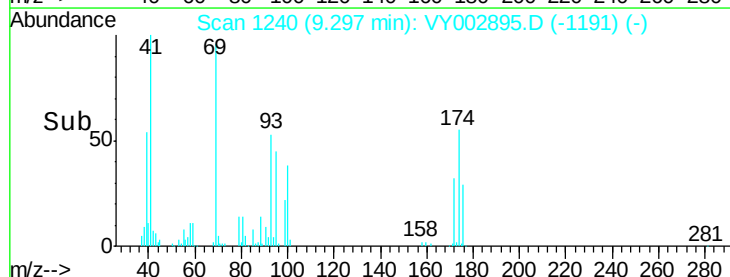
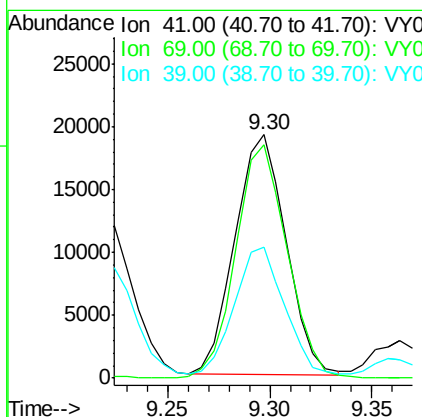
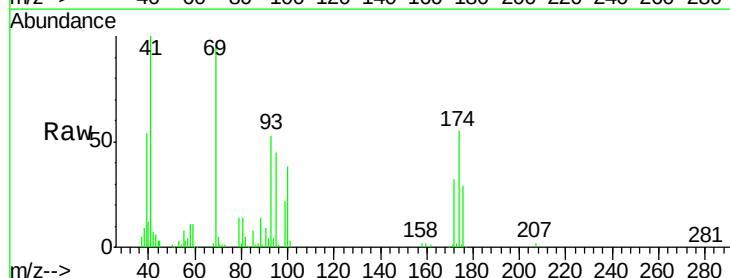
RT: 9.30 min Scan# 1240

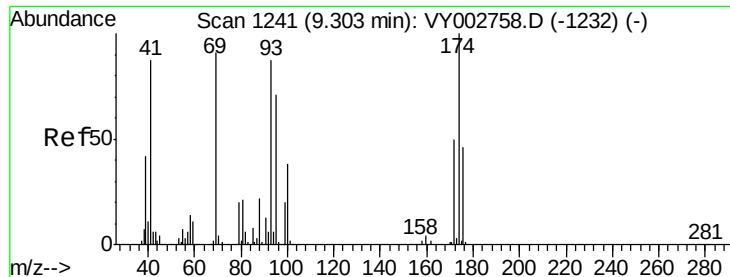
Delta R.T. 0.00 min

Lab File: VY002895.D

Acq: 15 Jun 2020 11:36

Tgt Ion:	41	Resp:	33351
Ion Ratio	Lower	Upper	
41	100		
69	97.2	79.7	119.5
39	55.0	43.3	64.9





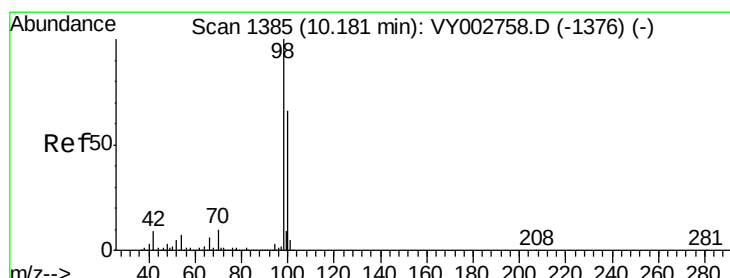
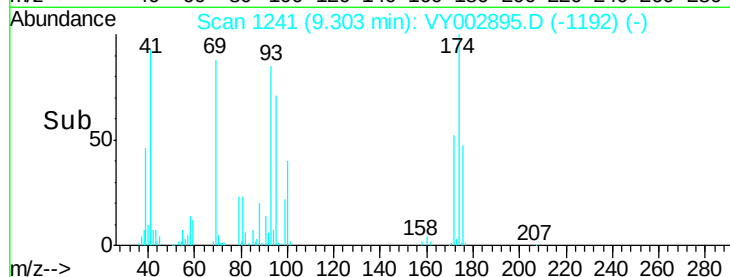
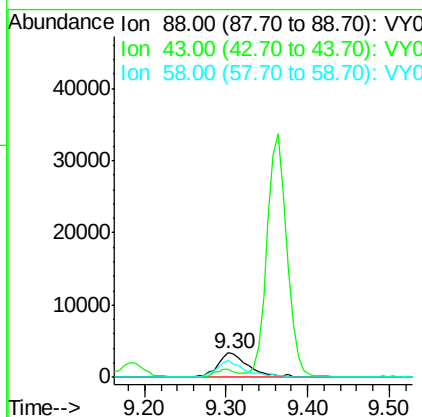
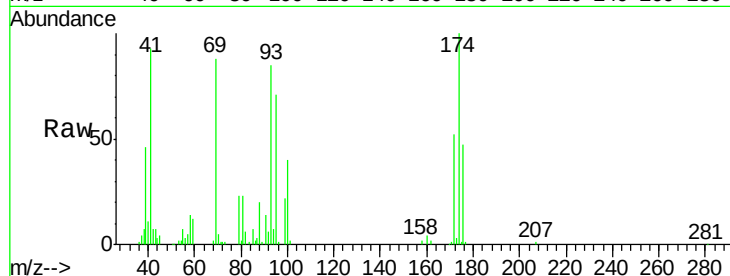
#49
1,4-Dioxane
Concen: 413.165 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VY002895.D
Acq: 15 Jun 2020 11:36

Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBS01

Tot Ion	88	Resp	9003
Ion	Ratio	Lower	Upper
88	100		
43	25.7	21.3	31.9
58	65.7	52.2	78.2

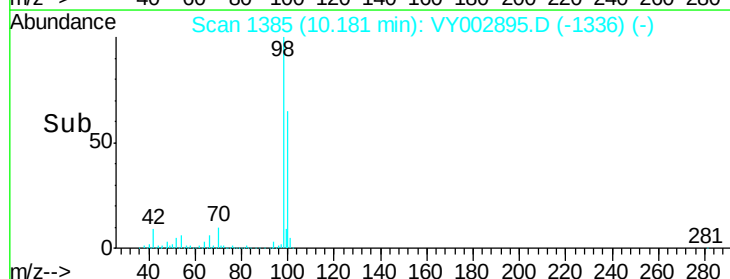
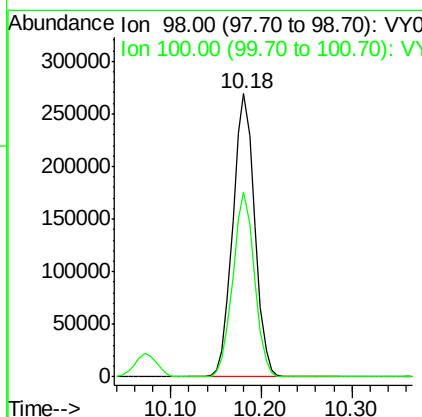
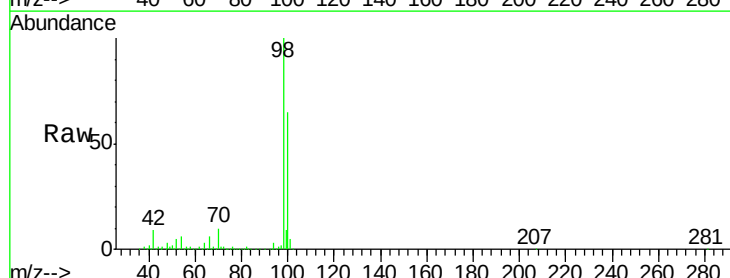
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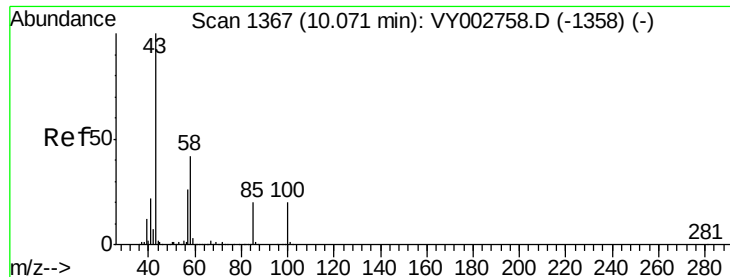
MMDadoda
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#50
Toluene-d8
Concen: 47.316 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY002895.D
Acq: 15 Jun 2020 11:36

Tgt Ion	98	Resp	448843
Ion	Ratio	Lower	Upper
98	100		
100	64.4	52.2	78.2





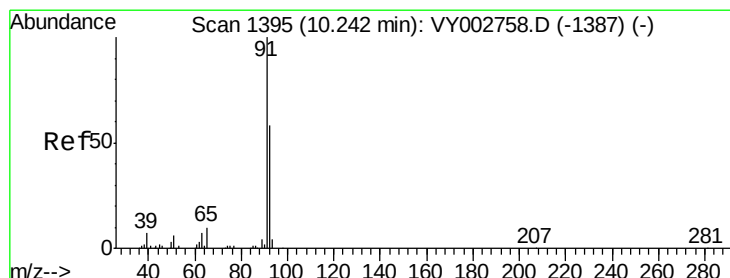
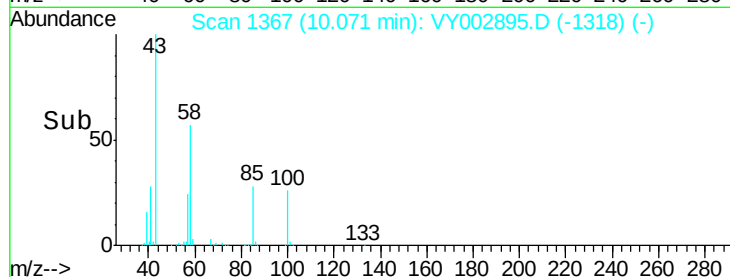
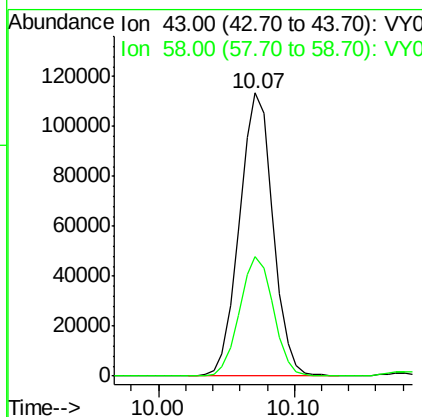
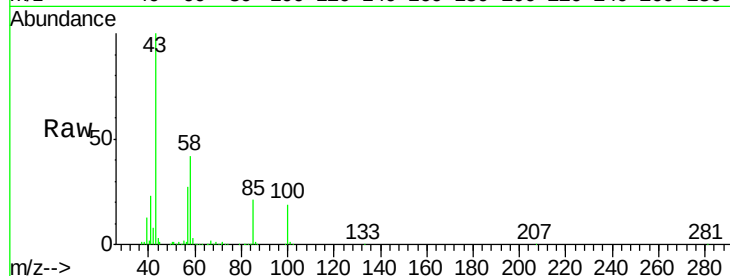
#51
4-Methyl-2-Pentanone
Concen: 106.093 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VY002895.D
Acq: 15 Jun 2020 11:36

Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBSD01

Tot Ion	43	Resp	195328
Ion Ratio	43	100	
Lower	58	42.5	34.2
Upper			51.2

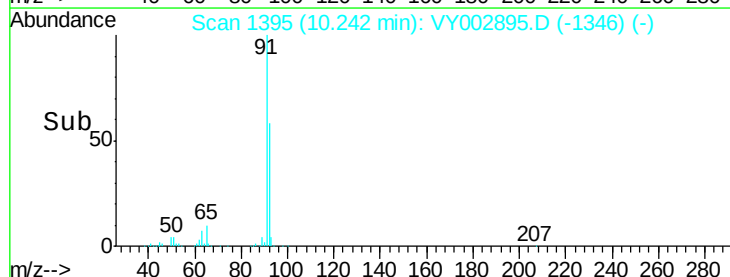
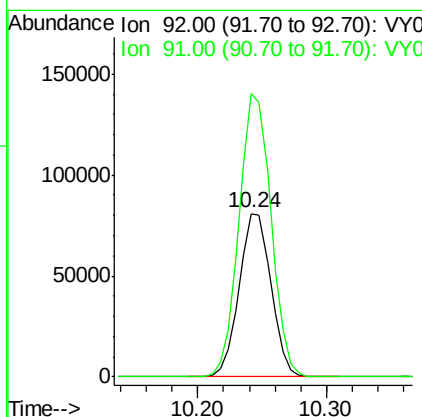
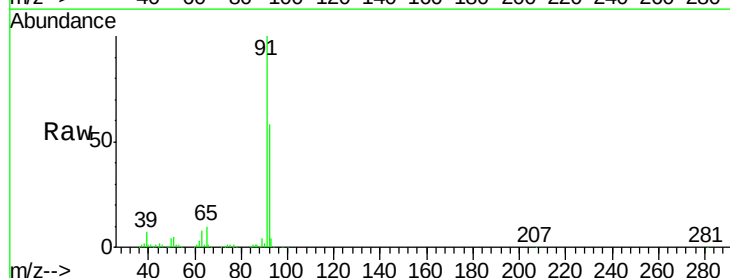
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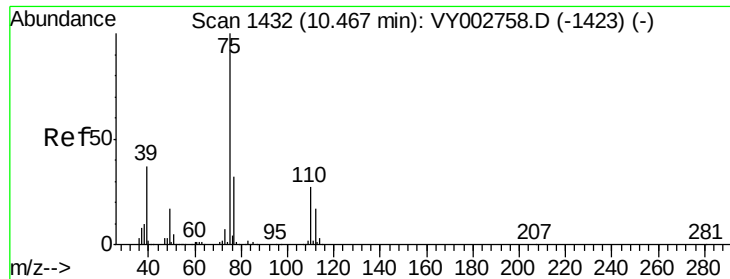
MMDadoda
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#52
Toluene
Concen: 21.268 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. 0.00 min
Lab File: VY002895.D
Acq: 15 Jun 2020 11:36

Tgt Ion	92	Resp	138633
Ion Ratio	92	100	
Lower	91	173.8	138.5
Upper			207.7





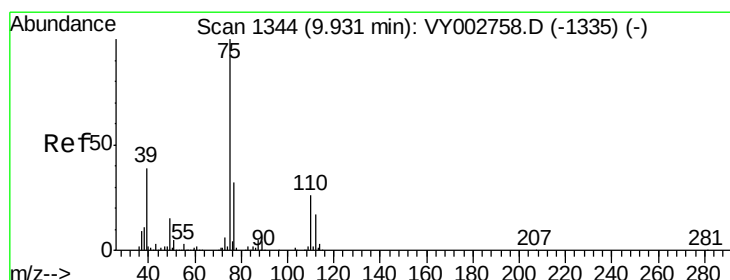
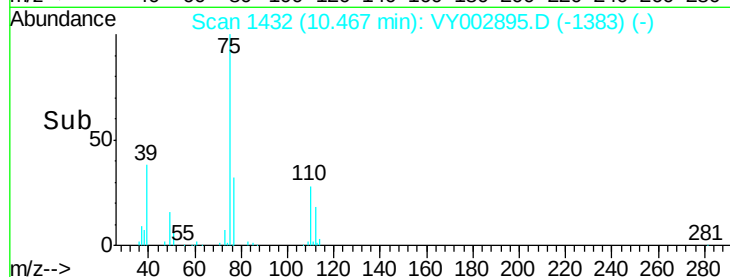
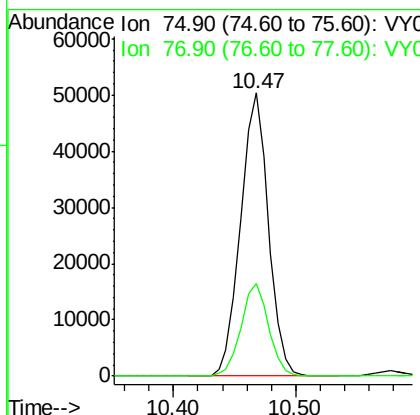
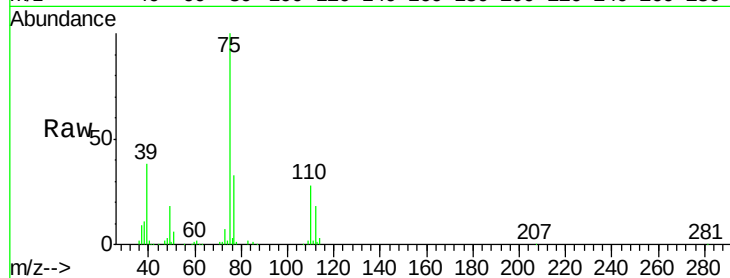
#53
t-1,3-Dichloropropene
Concen: 21.655 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VY002895.D
Acq: 15 Jun 2020 11:36

Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.8	25.3	37.9

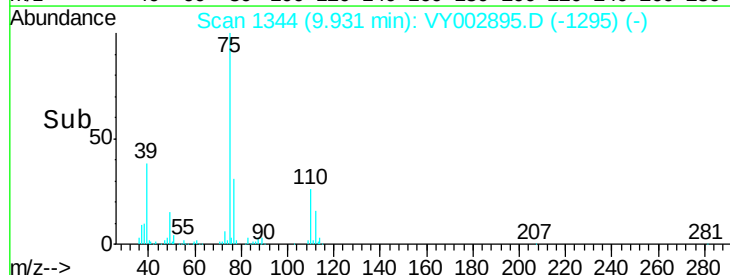
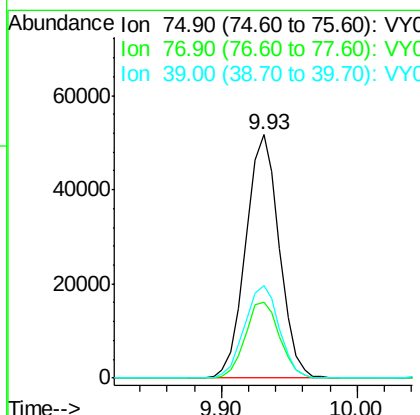
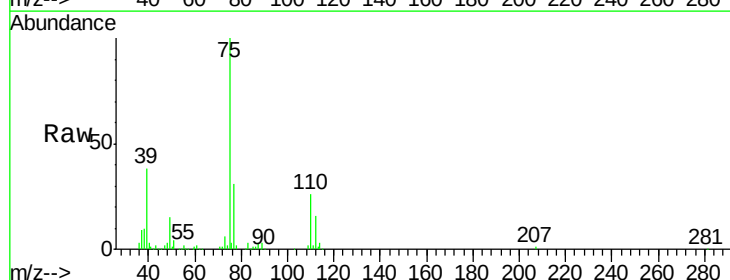
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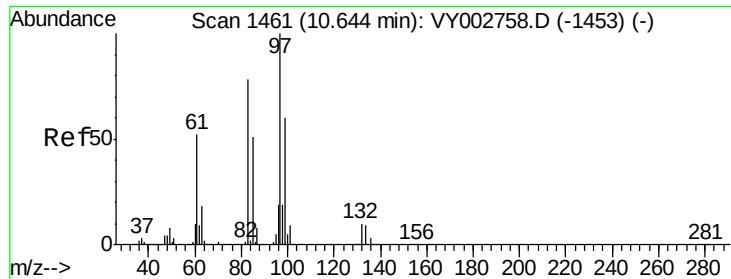
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#54
cis-1,3-Dichloropropene
Concen: 21.535 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. 0.00 min
Lab File: VY002895.D
Acq: 15 Jun 2020 11:36

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.6	38.4
39	37.8	31.3	46.9





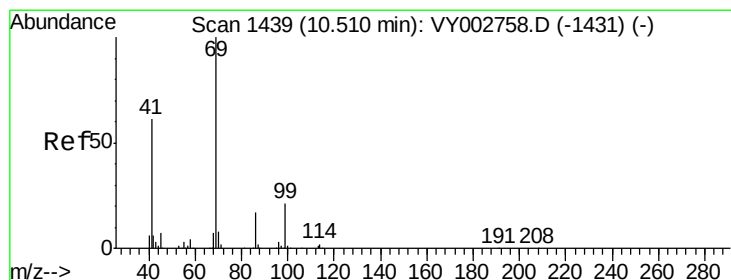
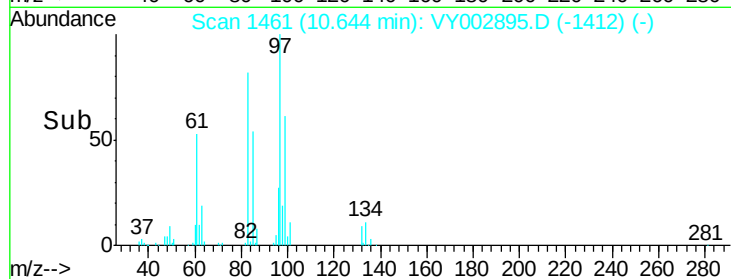
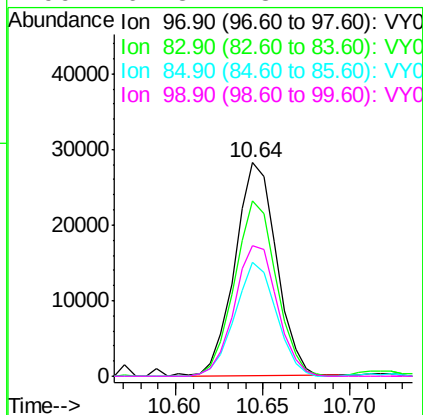
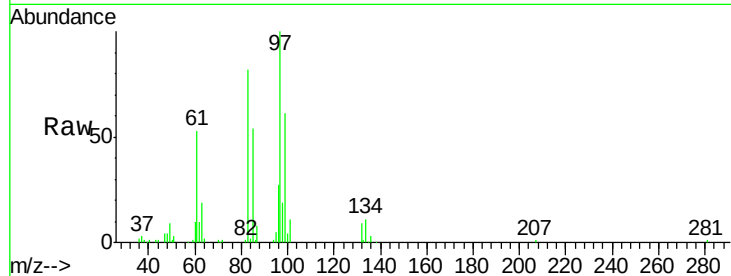
#55
 1,1,2-Trichloroethane
 Concen: 21.395 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY002895.D
 Acq: 15 Jun 2020 11:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0615SBS01

Tot Ion:	97	Resp:	46484
Ion	Ratio	Lower	Upper
97	100		
83	82.2	62.7	94.1
85	53.8	40.6	60.8
99	61.3	48.2	72.4

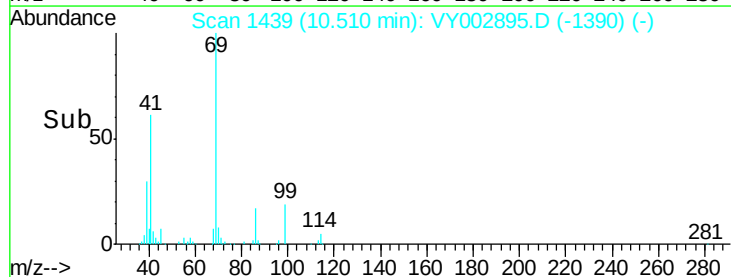
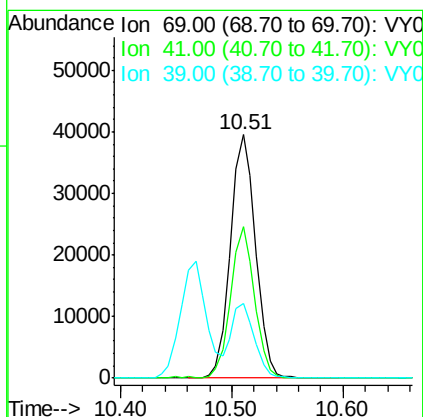
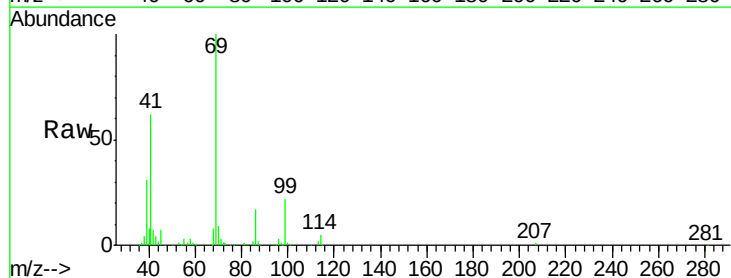
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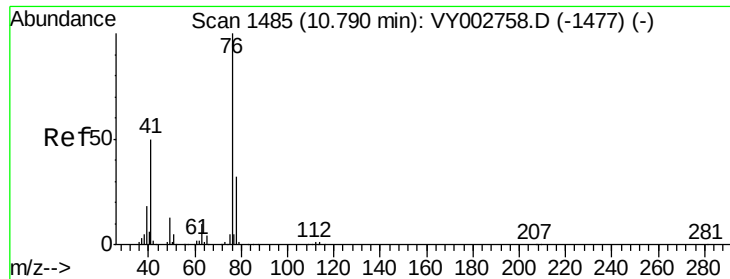
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#56
 Ethyl methacrylate
 Concen: 21.216 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY002895.D
 Acq: 15 Jun 2020 11:36

Tgt Ion:	69	Resp:	61740
Ion	Ratio	Lower	Upper
69	100		
41	58.4	47.0	70.4
39	28.3	22.0	33.0





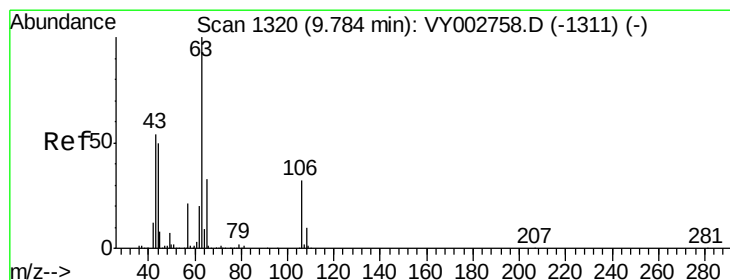
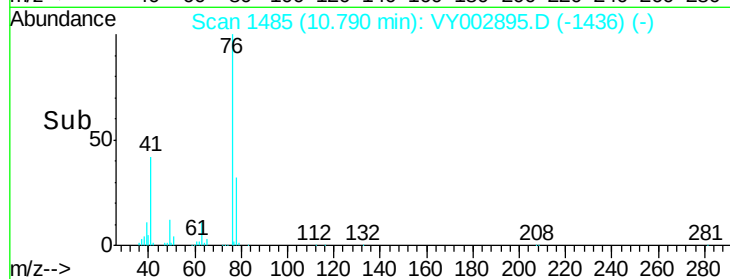
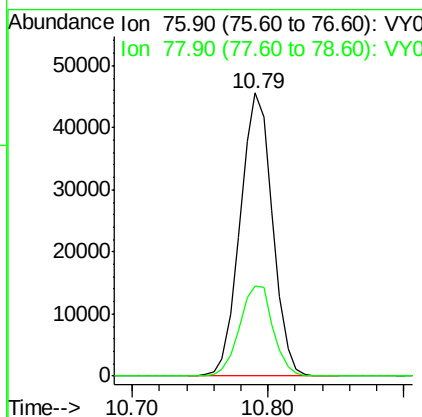
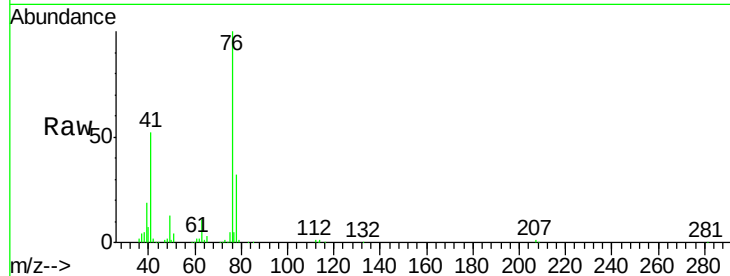
#57
 1,3-Dichloropropane
 Concen: 21.154 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VY002895.D
 Acq: 15 Jun 2020 11:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0615SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	33.1	26.1	39.1

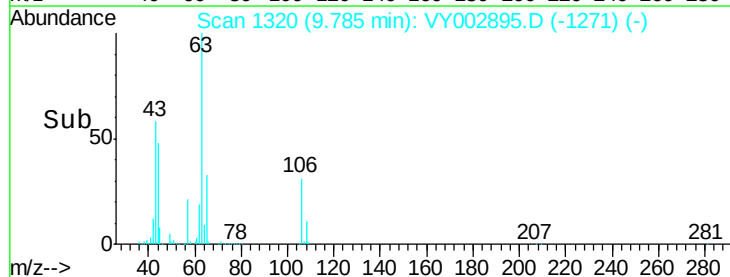
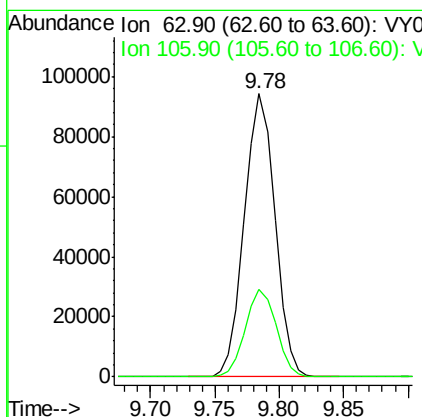
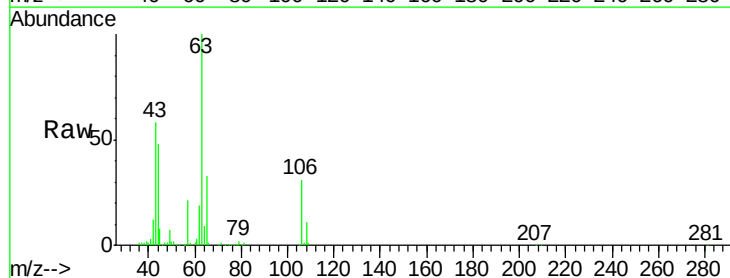
Manual Integrations
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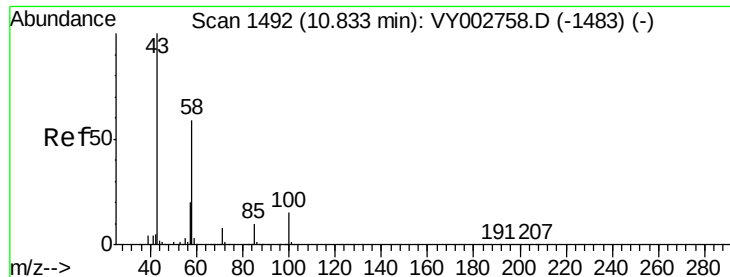
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#58
 2-Chloroethyl Vinyl ether
 Concen: 108.819 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: VY002895.D
 Acq: 15 Jun 2020 11:36

Tgt Ion	Ratio	Lower	Upper
63	100		
106	31.3	25.4	38.2





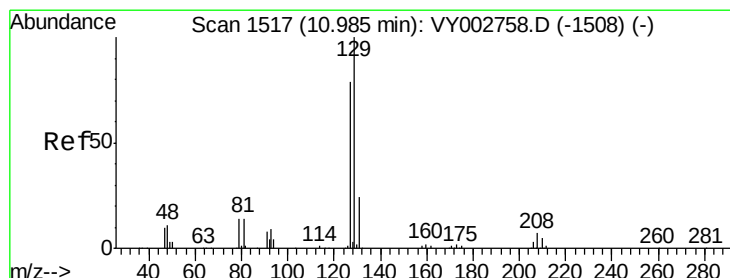
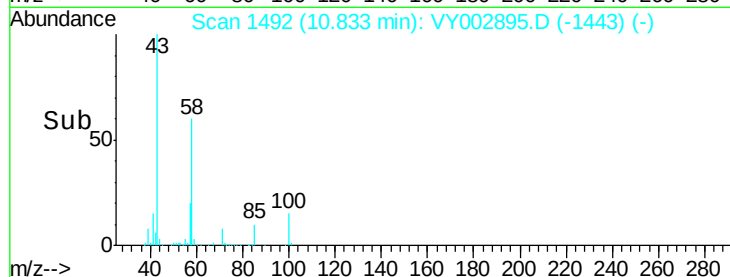
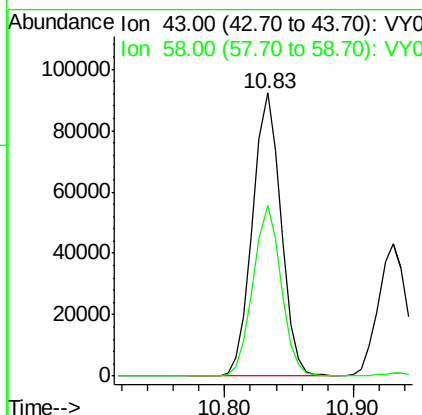
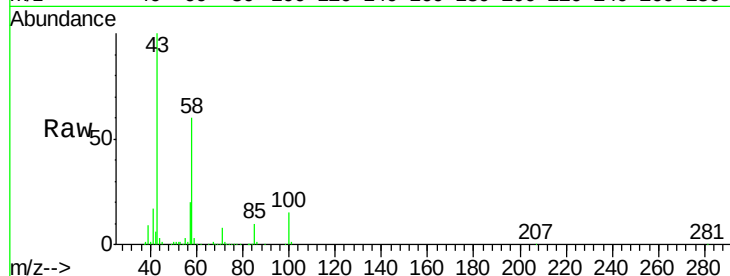
#59
2-Hexanone
Concen: 107.508 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY002895.D
Acq: 15 Jun 2020 11:36

Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBS01

Tot Ion	43	Resp	140439
Ion Ratio	43	100	
Lower	58	59.2	29.5
Upper			88.5

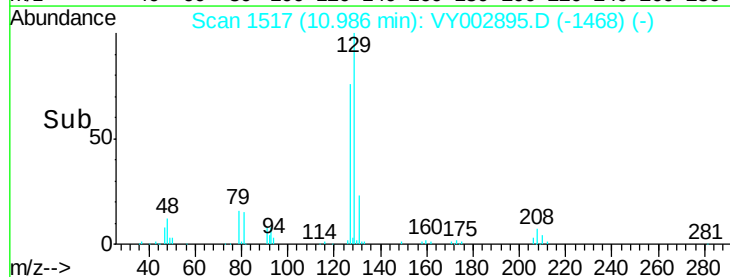
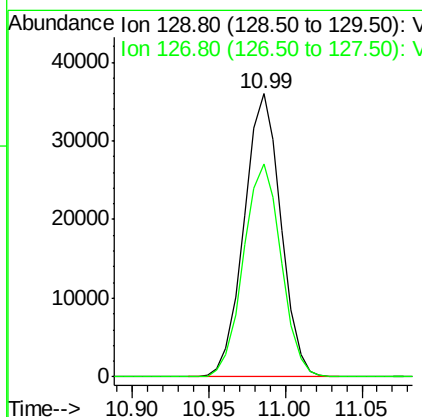
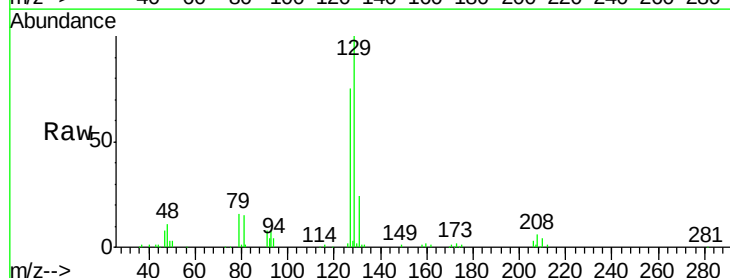
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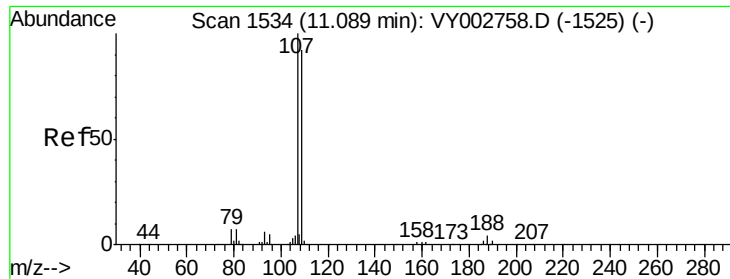
MMDadoda
6/16/2020 3:22:42 PM



#60
Dibromochloromethane
Concen: 21.854 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY002895.D
Acq: 15 Jun 2020 11:36

Tgt Ion	129	Resp	60197
Ion Ratio	129	100	
Lower	127	77.0	38.5
Upper			115.3





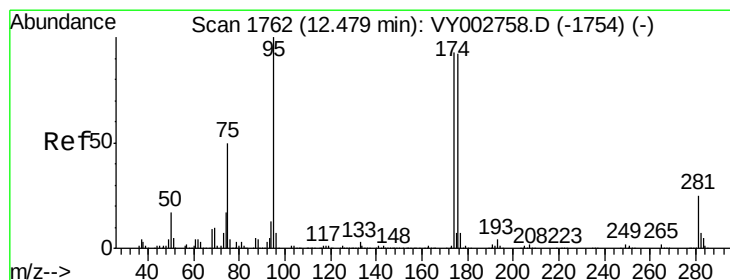
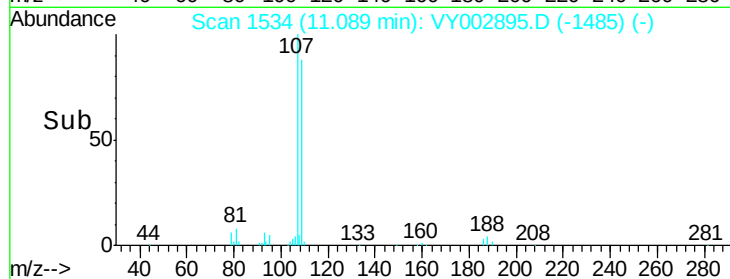
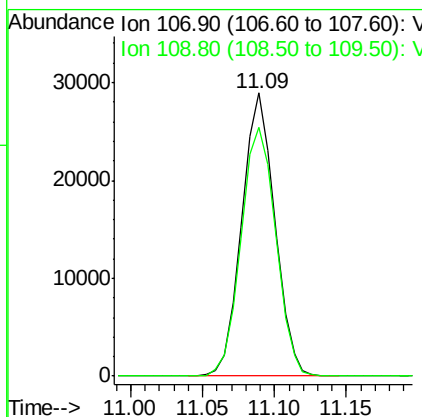
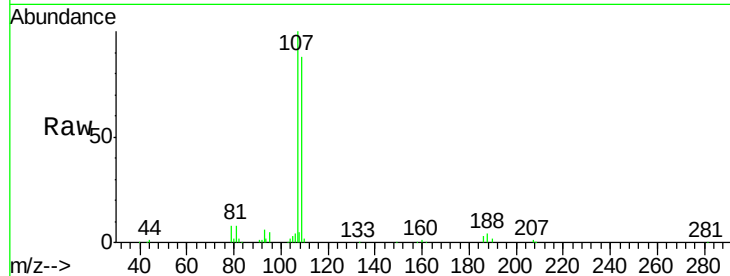
#61
 1,2-Dibromoethane
 Concen: 21.452 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY002895.D
 Acq: 15 Jun 2020 11:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0615SBSD01

Tot Ion: 107 Resp: 45976
 Ion Ratio Lower Upper
 107 100
 109 92.4 75.6 113.4

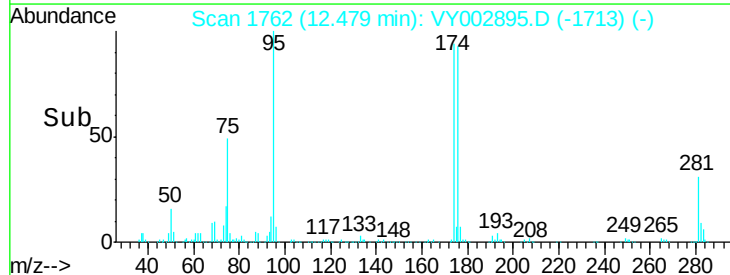
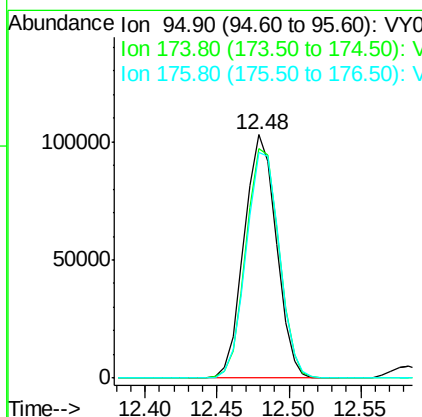
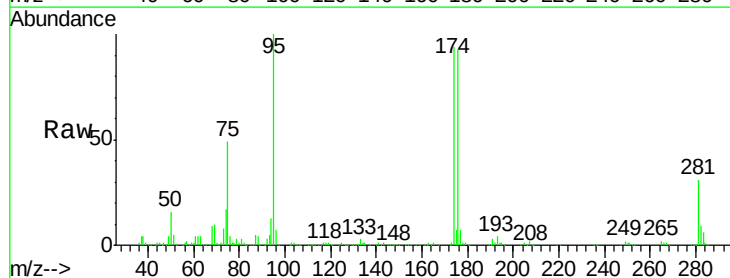
Manual Integrations
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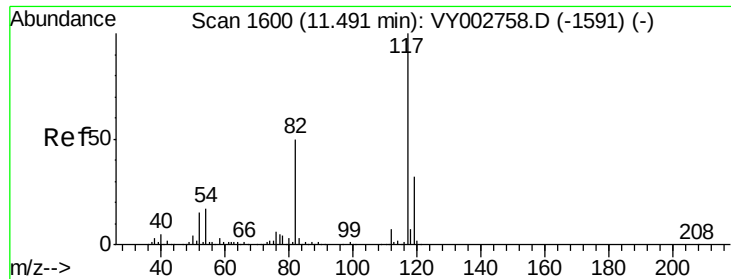
MMDadoda
 6/16/2020 3:22:42 PM



#62
 4-Bromofluorobenzene
 Concen: 49.192 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY002895.D
 Acq: 15 Jun 2020 11:36

Tgt Ion: 95 Resp: 159475
 Ion Ratio Lower Upper
 95 100
 174 96.7 0.0 191.2
 176 95.2 0.0 188.8





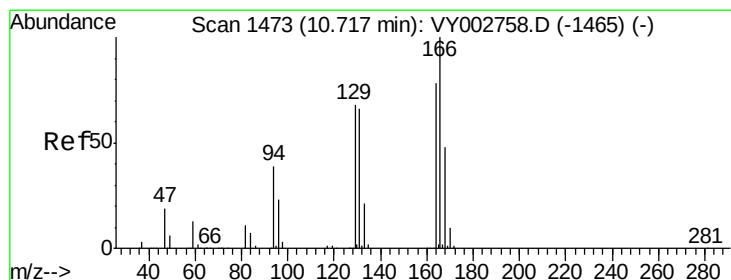
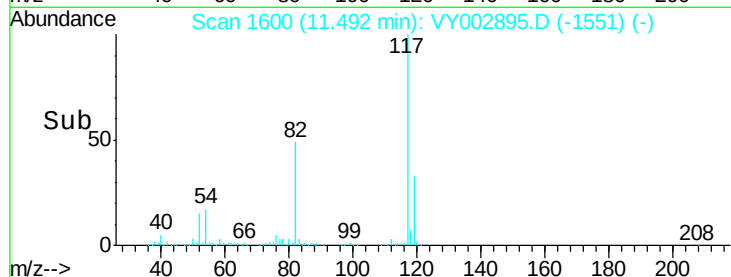
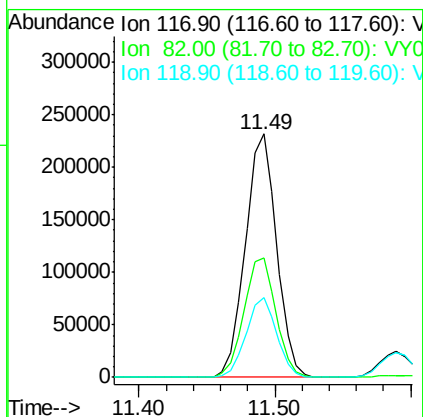
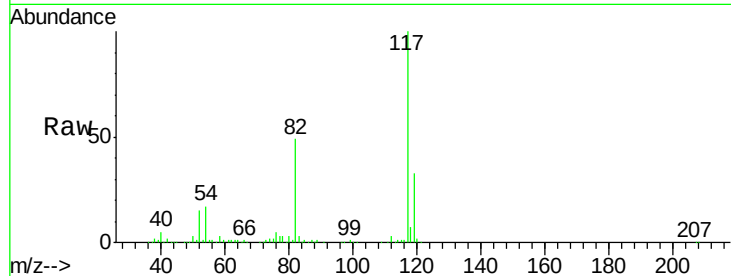
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002895.D
Acq: 15 Jun 2020 11:36

Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	49.0	40.2	60.4
119	32.6	25.8	38.8

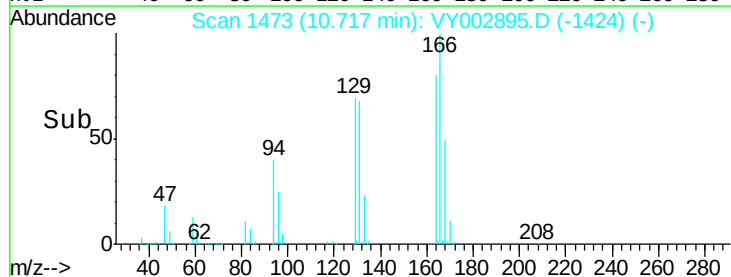
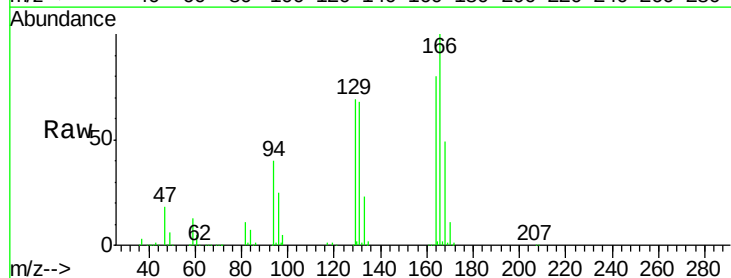
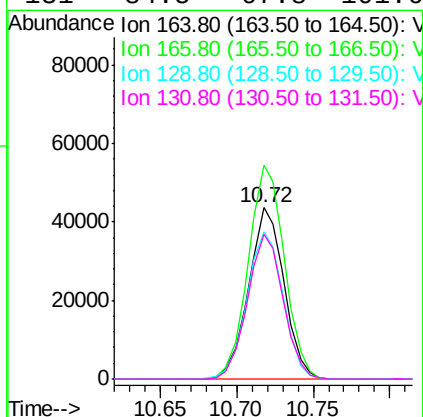
Manual Integrations
APPROVED

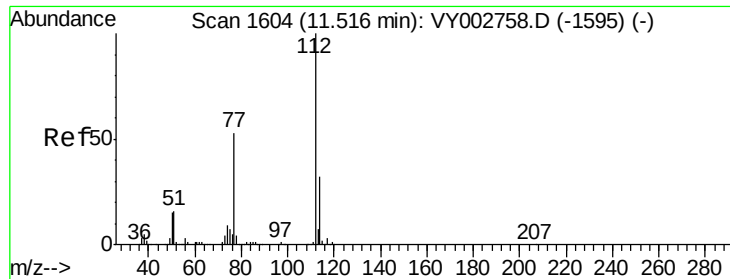
MMDadoda
6/16/2020 3:22:42 PM



#64
Tetrachloroethene
Concen: 20.722 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY002895.D
Acq: 15 Jun 2020 11:36

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.8	102.3	153.5
129	86.2	69.4	104.2
131	84.5	67.8	101.6





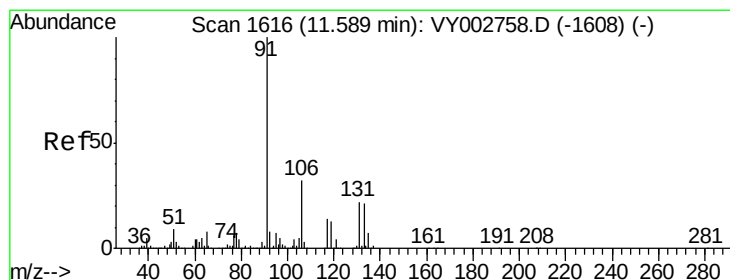
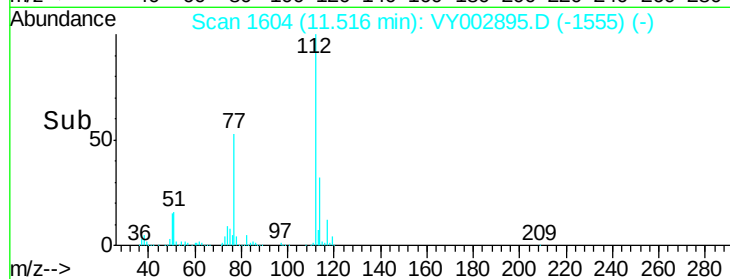
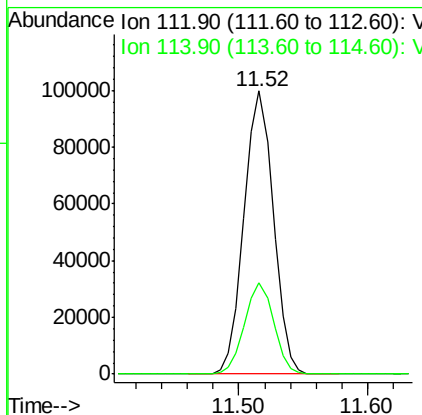
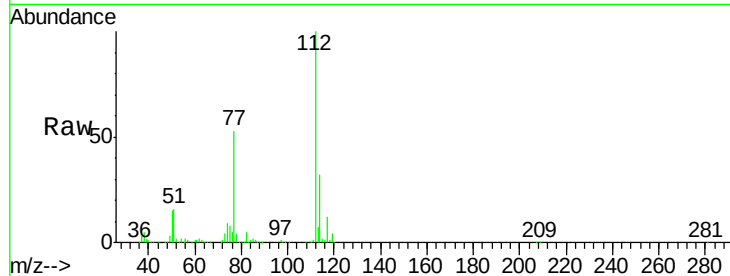
#65
Chlorobenzene
Concen: 21.378 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY002895.D
Acq: 15 Jun 2020 11:36

Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.3	25.7	38.5

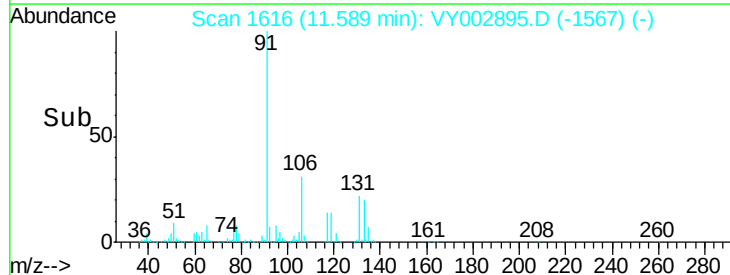
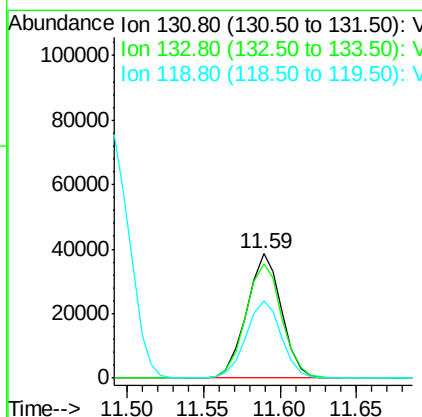
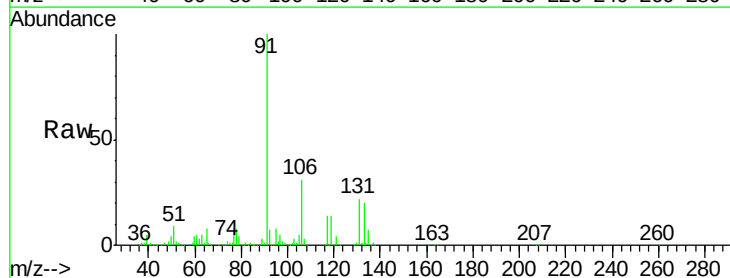
Manual Integrations
APPROVED

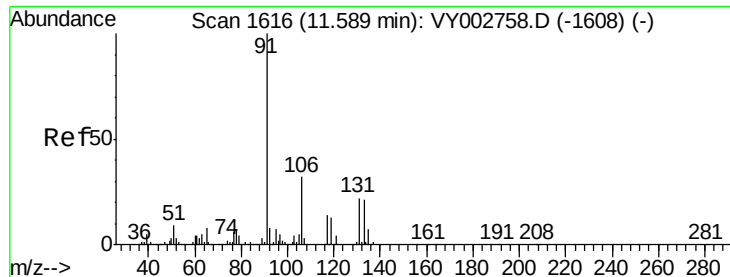
MMDadoda
6/16/2020 3:22:42 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 22.129 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY002895.D
Acq: 15 Jun 2020 11:36

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.3	47.6	142.8
119	62.6	31.7	95.1





#67

Ethyl Benzene

Concen: 21.372 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY002895.D

Acq: 15 Jun 2020 11:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0615SBS01

Tot Ion: 91 Resp: 272715

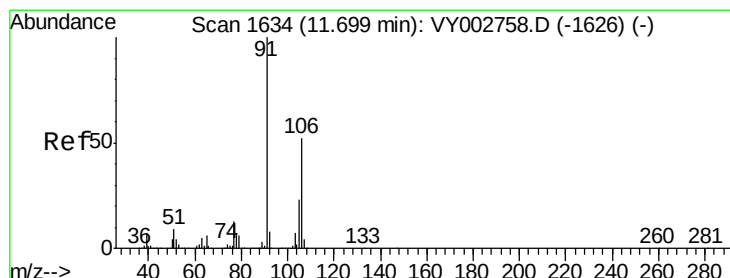
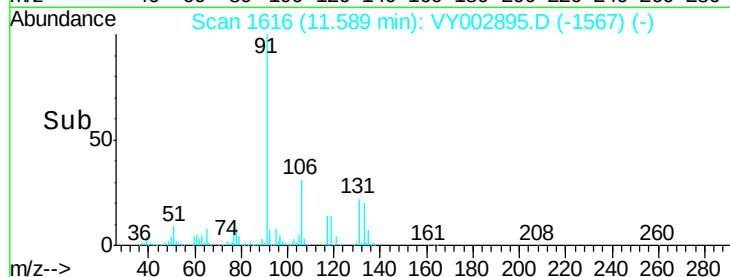
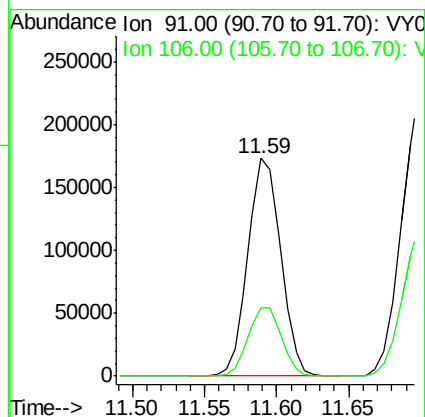
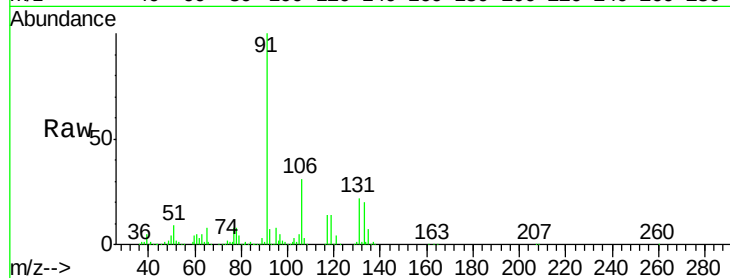
Ion Ratio Lower Upper

91 100

106 31.5 25.7 38.5

Manual Integrations
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#68

m/p-Xylenes

Concen: 43.275 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VY002895.D

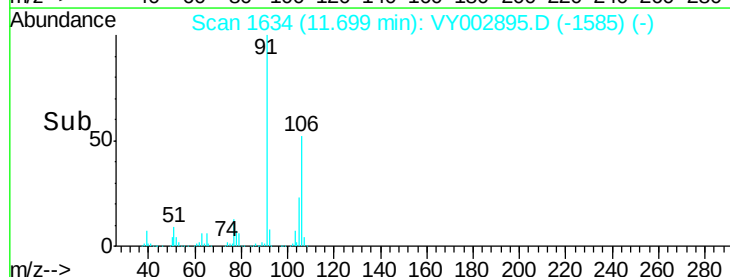
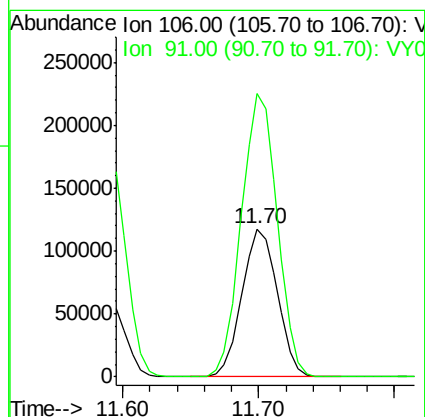
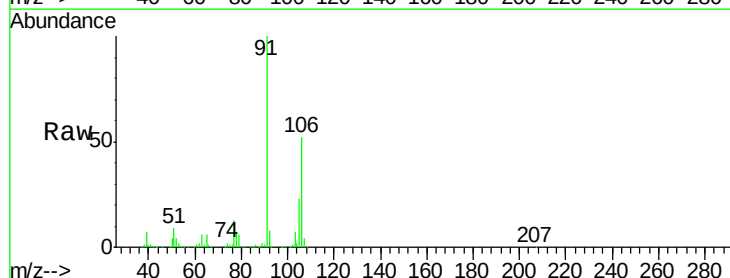
Acq: 15 Jun 2020 11:36

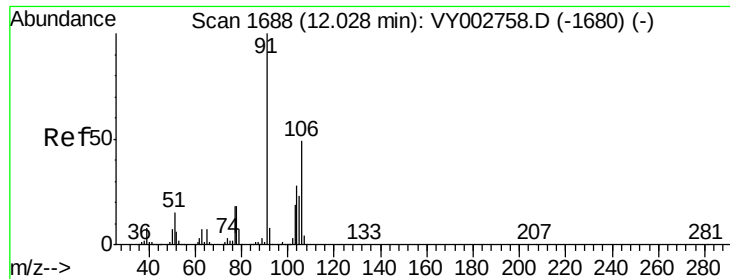
Tgt Ion: 106 Resp: 214093

Ion Ratio Lower Upper

106 100

91 193.9 156.0 234.0





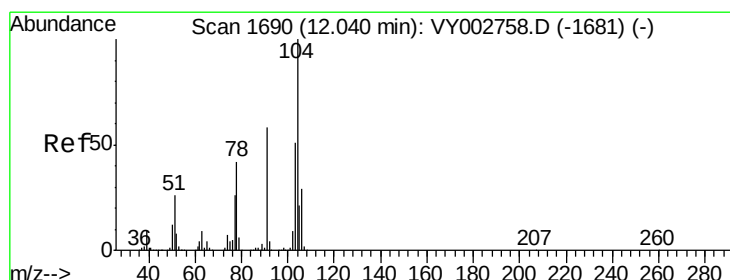
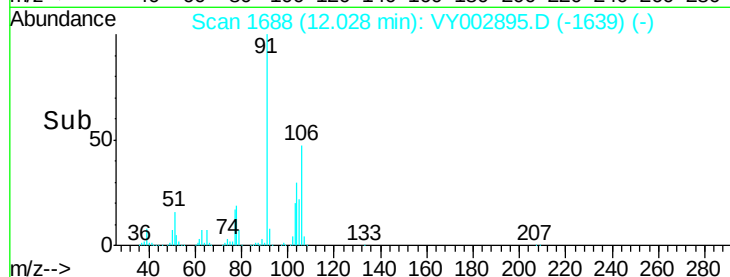
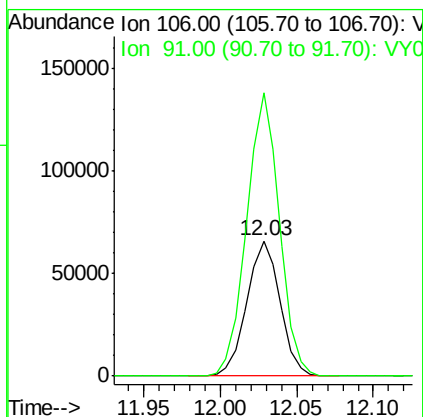
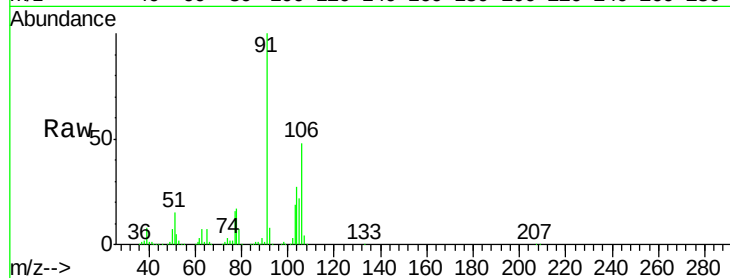
#69
o-Xylene
Concen: 21.332 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY002895.D
Acq: 15 Jun 2020 11:36

Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBS01

Tot Ion:106 Resp: 99628
Ion Ratio Lower Upper
106 100
91 206.0 102.4 307.1

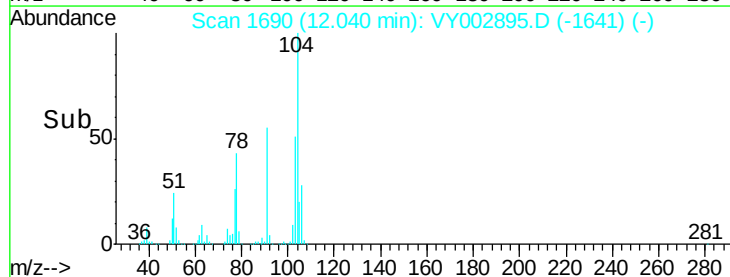
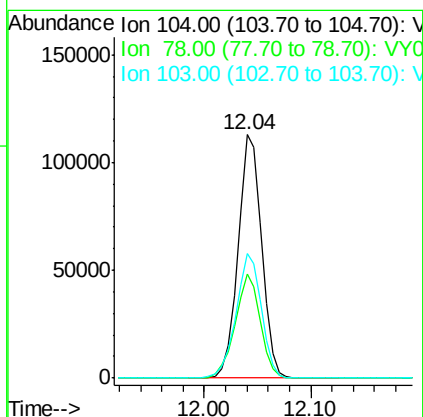
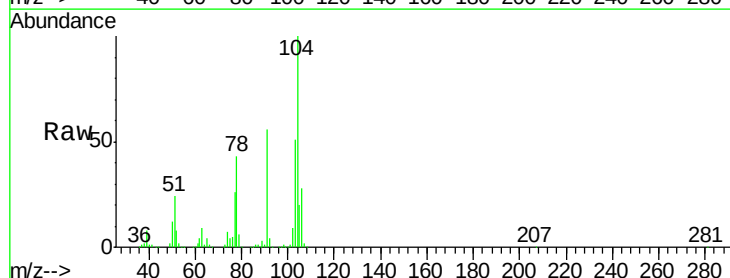
Manual Integrations
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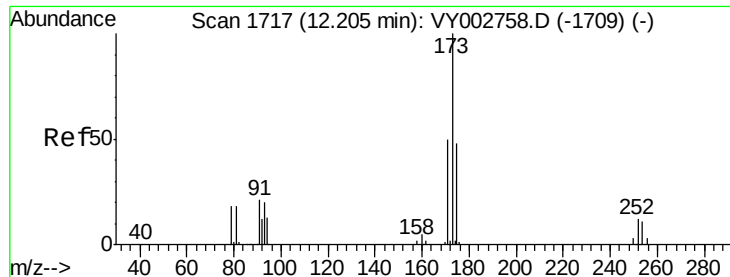
MMDadoda
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#70
Styrene
Concen: 21.655 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY002895.D
Acq: 15 Jun 2020 11:36

Tgt Ion:104 Resp: 175329
Ion Ratio Lower Upper
104 100
78 45.8 36.2 54.4
103 55.0 43.6 65.4





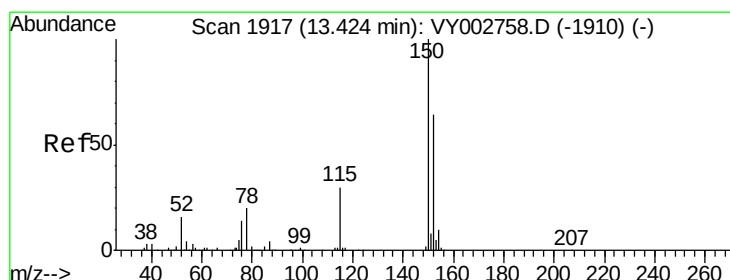
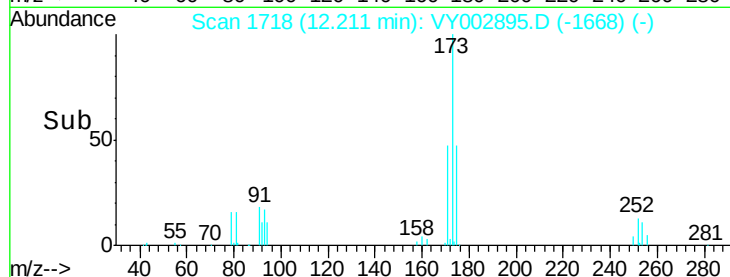
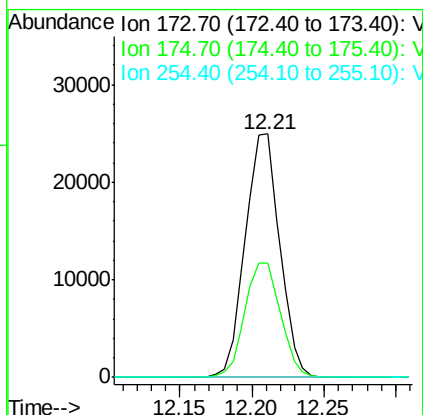
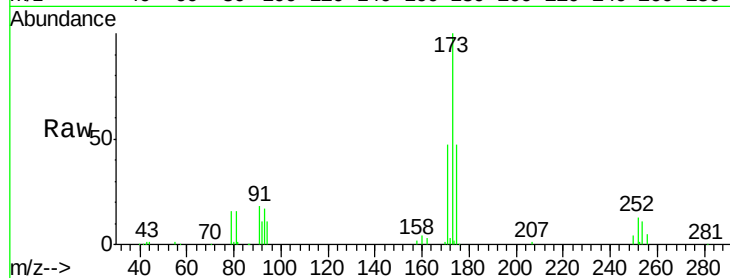
#71
Bromoform
Concen: 22.282 ug/l
RT: 12.21 min Scan# 1718
Delta R.T. 0.01 min
Lab File: VY002895.D
Acq: 15 Jun 2020 11:36

Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.6	24.3	72.8
254	0.0	0.1	0.1#

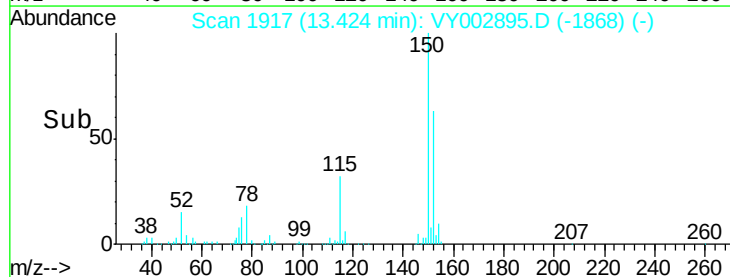
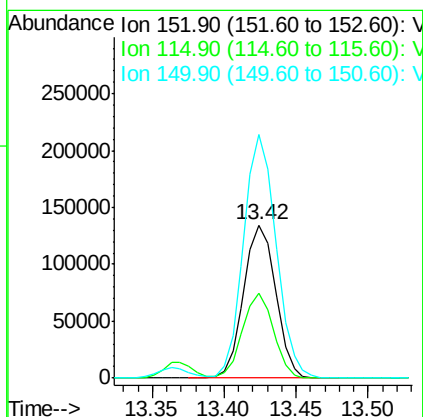
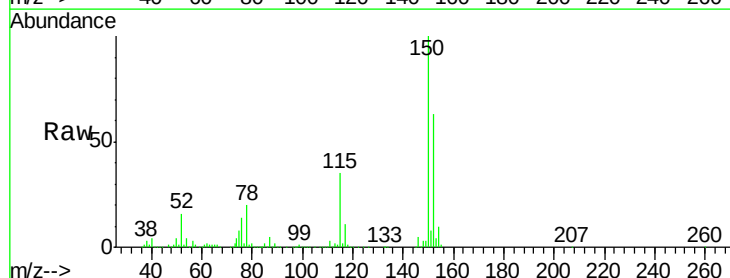
Manual Integrations
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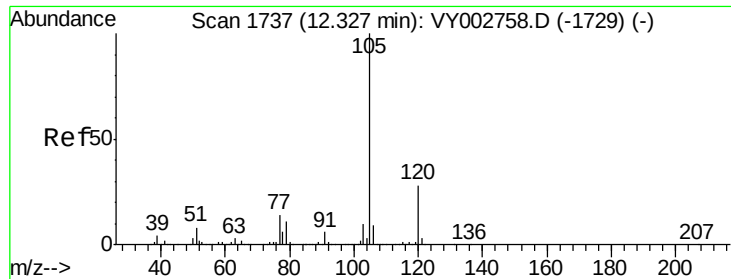
MMDadoda
6/16/2020 3:22:42 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY002895.D
Acq: 15 Jun 2020 11:36

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.7	27.0	81.0
150	161.9	0.0	344.8





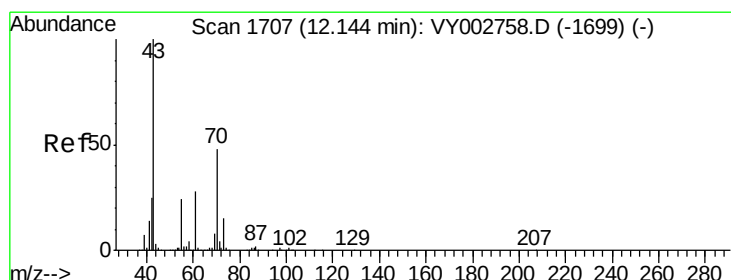
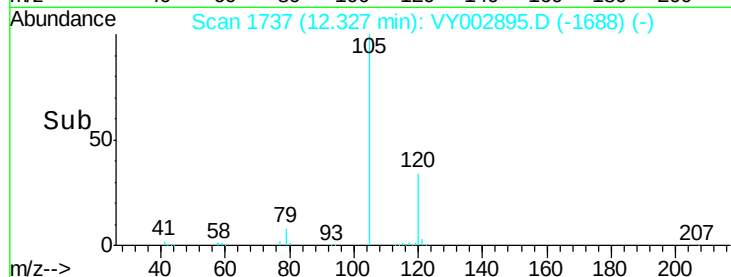
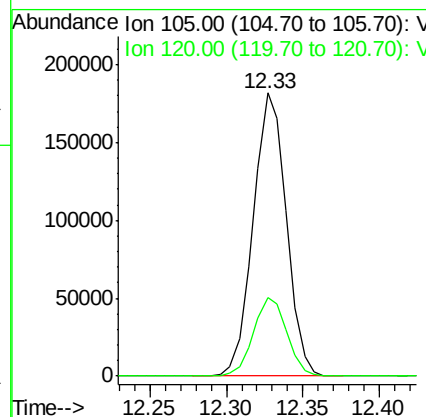
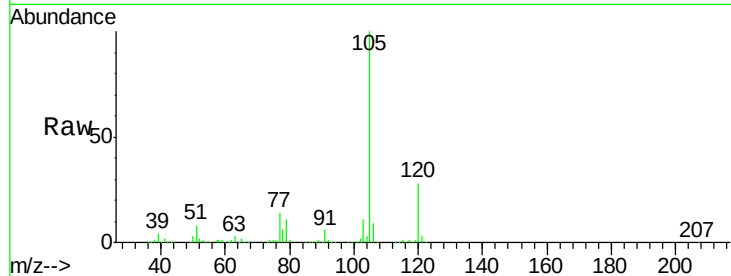
#73
Isopropylbenzene
Concen: 20.588 ug/l
RT: 12.33 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VY002895.D
Acq: 15 Jun 2020 11:36

Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.9	13.7	41.1

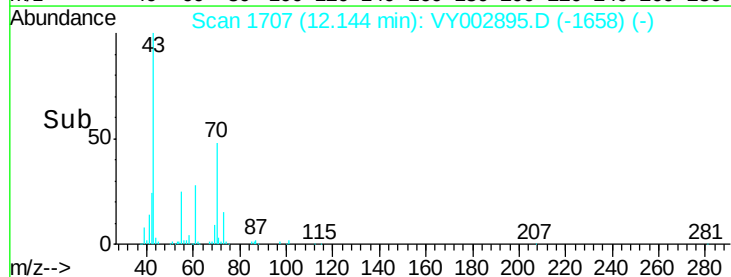
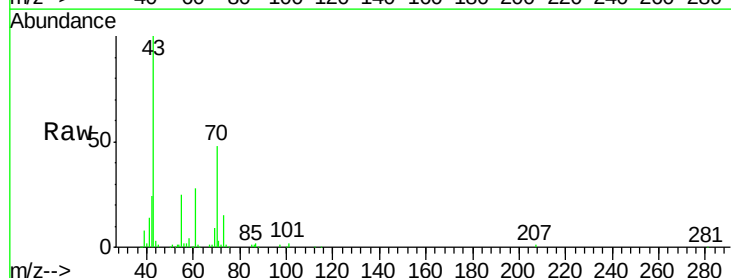
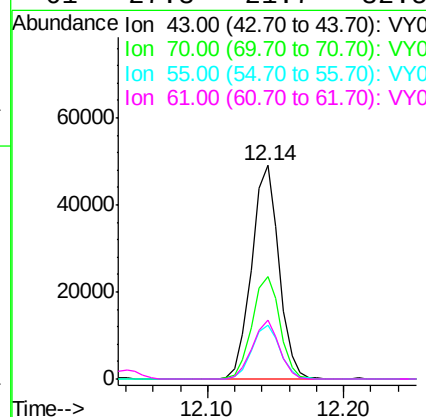
Manual Integrations
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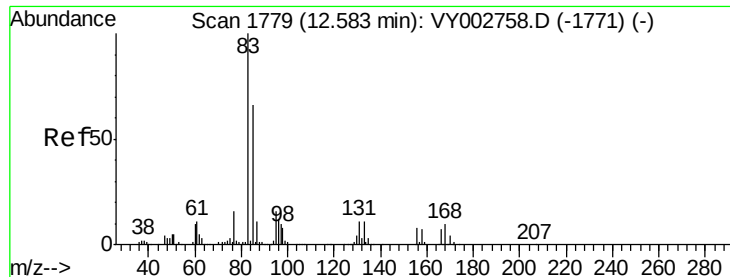
MMDadoda
6/16/2020 3:22:42 PM



#74
N-ethyl acetate
Concen: 20.299 ug/l
RT: 12.14 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VY002895.D
Acq: 15 Jun 2020 11:36

Tgt Ion	Ratio	Lower	Upper
43	100		
70	48.8	37.7	56.5
55	25.9	19.8	29.6
61	27.3	21.7	32.5





#75

1,1,2,2-Tetrachloroethane

Concen: 21.706 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY002895.D

Acq: 15 Jun 2020 11:36

Instrument :

MSVOA_Y

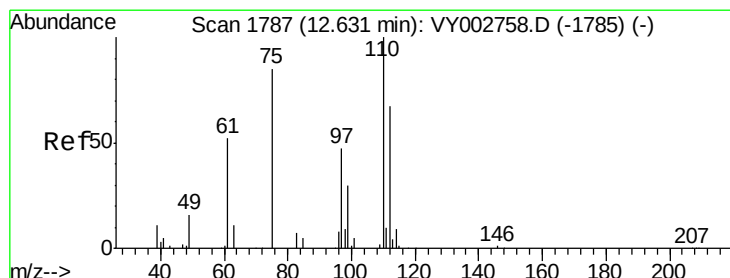
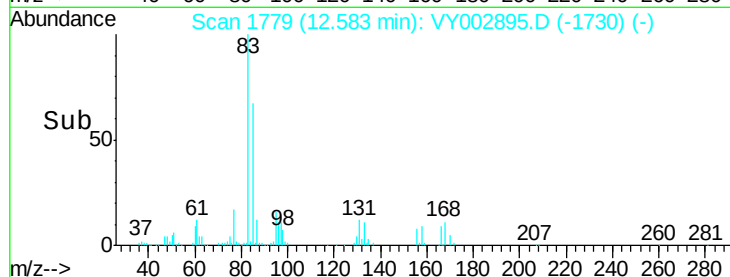
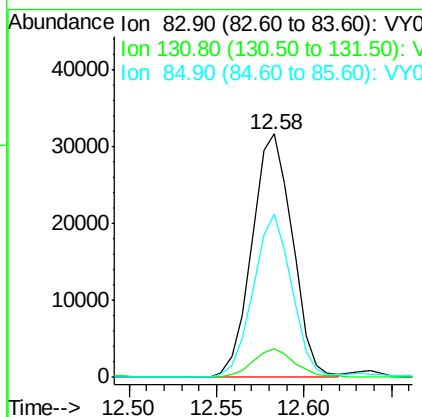
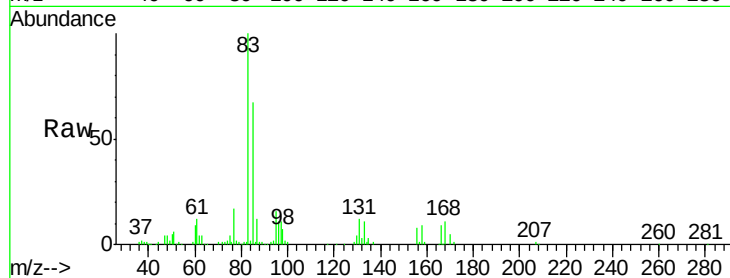
ClientSampleId :

VY0615SBS01

Tot Ion:	83	Resp:	50675
Ion Ratio	Lower	Upper	
83	100		
131	12.1	5.8	17.4
85	64.2	32.6	98.0

Manual Integrations
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6/16/2020 3:22:42 PM



#76

1,2,3-Trichloropropane

Concen: 21.004 ug/l m

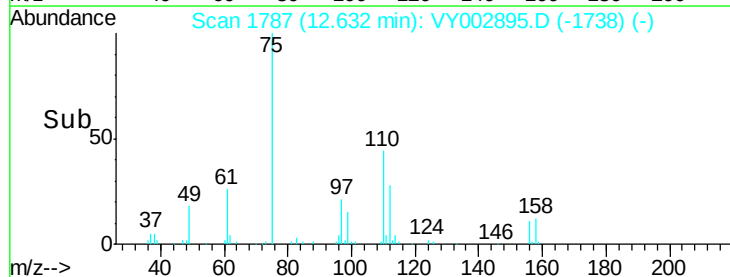
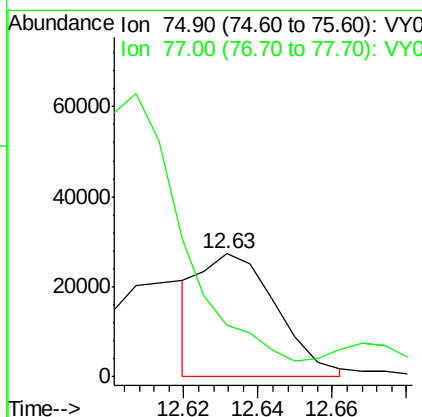
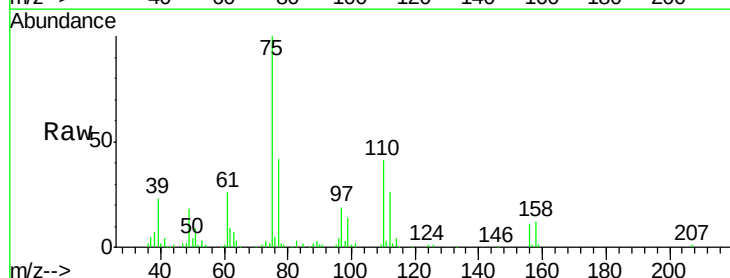
RT: 12.63 min Scan# 1787

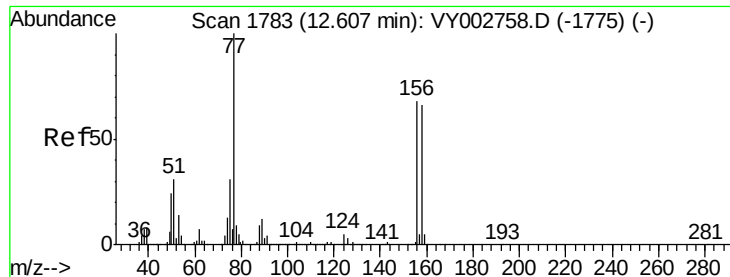
Delta R.T. 0.00 min

Lab File: VY002895.D

Acq: 15 Jun 2020 11:36

Tgt Ion:	75	Resp:	39297
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 21.068 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY002895.D

Acq: 15 Jun 2020 11:36

Instrument :

MSVOA_Y

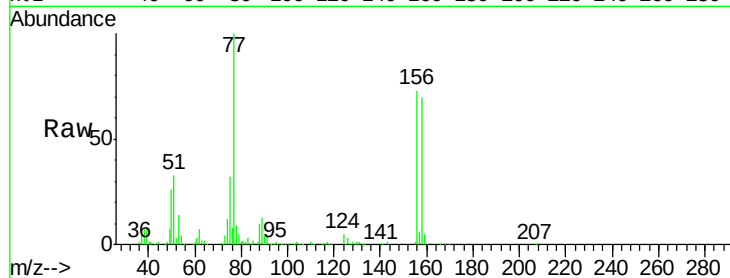
ClientSampleId :

VY0615SBS01

Tot Ion:	156	Resp:	72996
Ion	Ratio	Lower	Upper
156	100		
77	158.0	81.4	244.2
158	95.7	48.5	145.6

Manual Integrations
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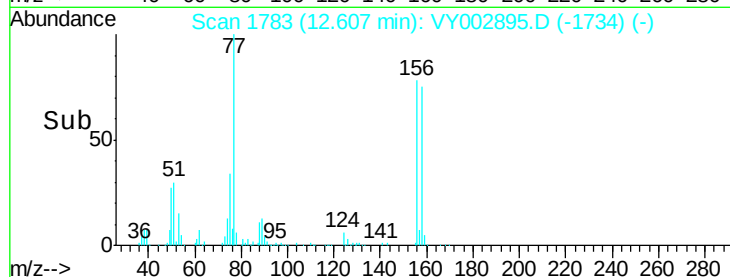


Abundance Ion 155.80 (155.50 to 156.50): VY002895.D (-1734) (-)

Ion 77.00 (76.70 to 77.70): VY002895.D (-1734) (-)

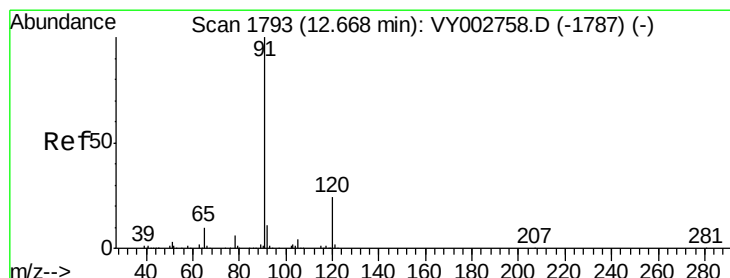
Ion 157.80 (157.50 to 158.50): VY002895.D (-1734) (-)

Time-->



12.61

Time-->



#78

n-propylbenzene

Concen: 20.960 ug/l

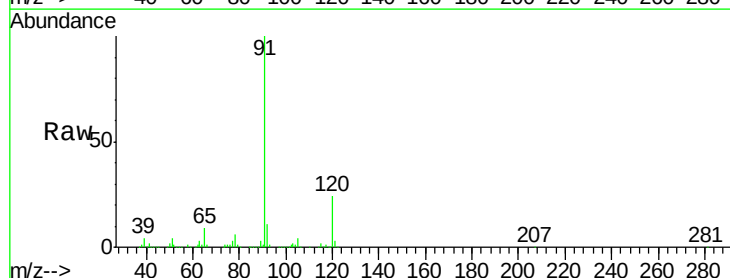
RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY002895.D

Acq: 15 Jun 2020 11:36

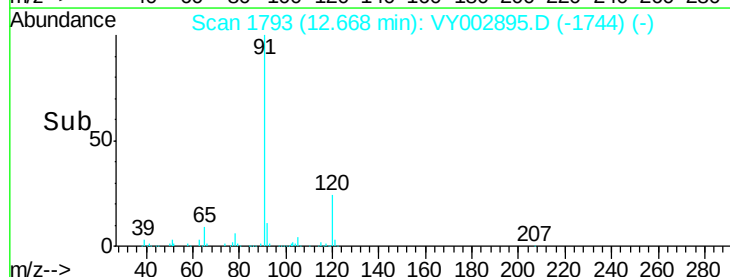
Tgt Ion:	91	Resp:	322165
Ion	Ratio	Lower	Upper
91	100		
120	24.8	12.3	36.9



Abundance Ion 91.00 (90.70 to 91.70): VY002895.D (-1744) (-)

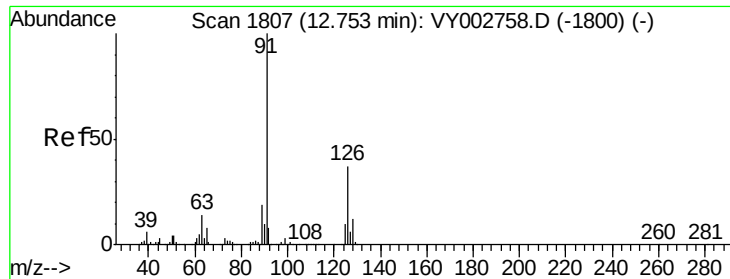
Ion 120.00 (119.70 to 120.70): VY002895.D (-1744) (-)

Time-->



12.67

Time-->



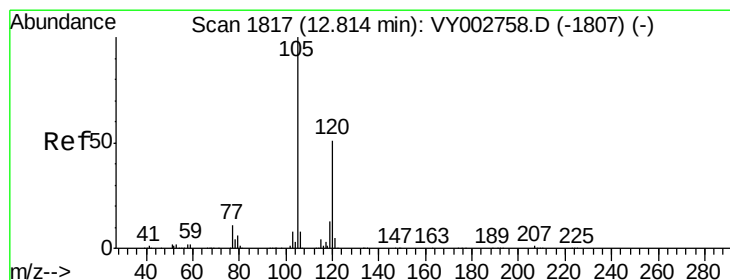
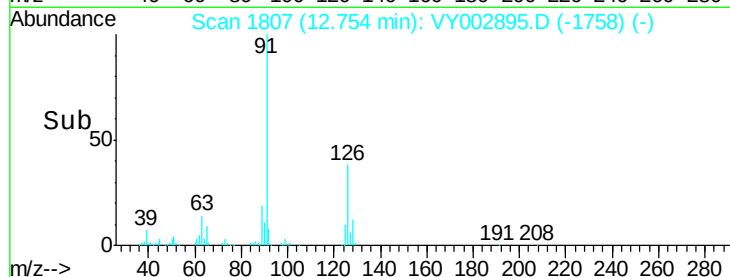
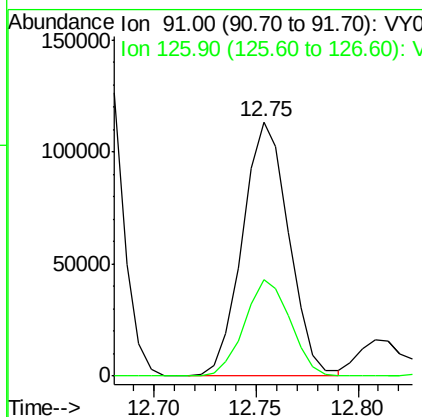
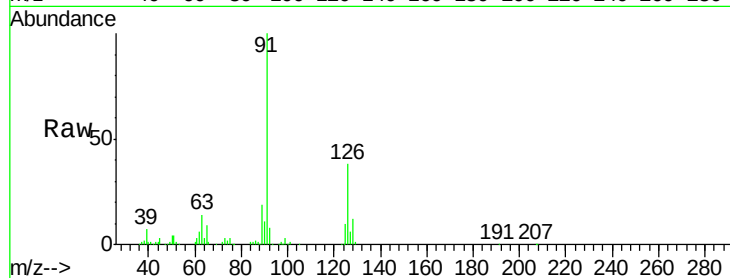
#79
 2-Chlorotoluene
 Concen: 20.756 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VY002895.D
 Acq: 15 Jun 2020 11:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0615SBS01

Tot Ion: 91 Resp: 178959
 Ion Ratio Lower Upper
 91 100
 126 37.5 18.4 55.4

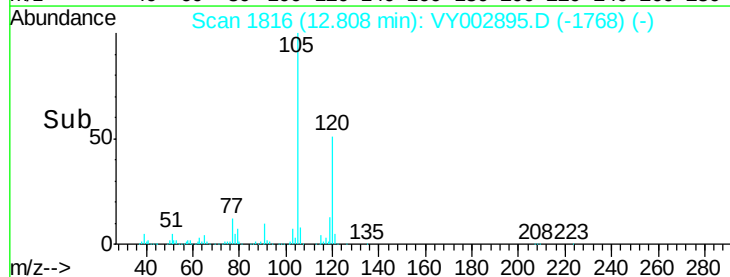
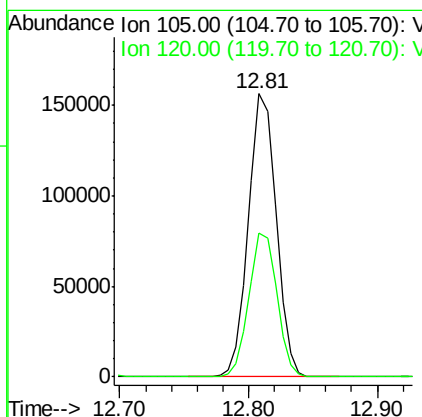
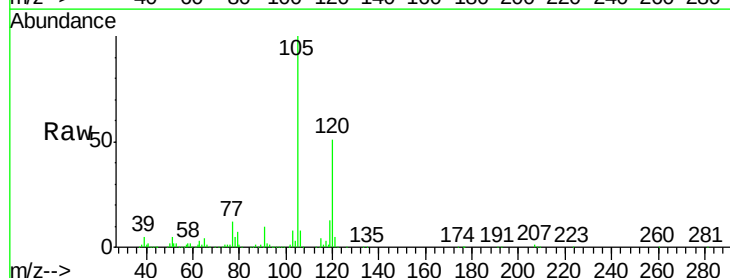
Manual Integrations
 APPROVED

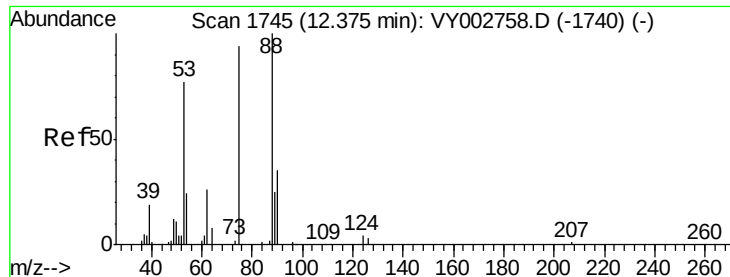
MMDadoda
 6/16/2020 3:22:42 PM



#80
 1,3,5-Trimethylbenzene
 Concen: 20.969 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. -0.01 min
 Lab File: VY002895.D
 Acq: 15 Jun 2020 11:36

Tgt Ion: 105 Resp: 232971
 Ion Ratio Lower Upper
 105 100
 120 51.4 25.3 75.8





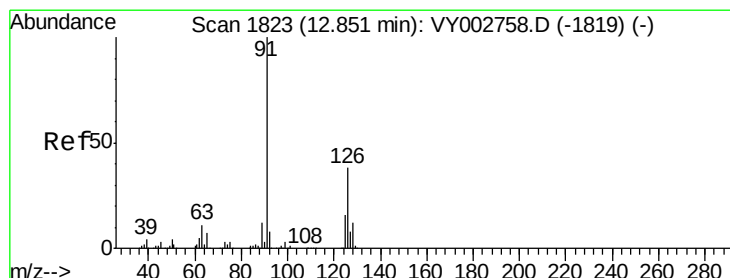
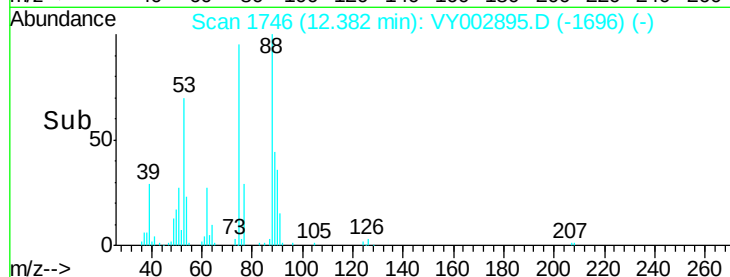
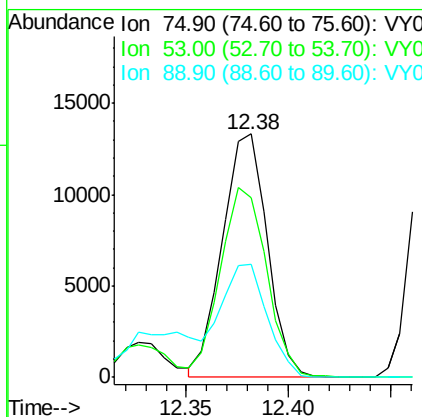
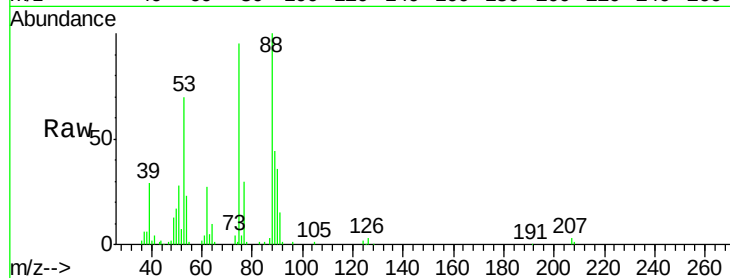
#81
trans-1,4-Dichloro-2-butene
Concen: 20.496 ug/l
RT: 12.38 min Scan# 1746
Delta R.T. 0.01 min
Lab File: VY002895.D
Acq: 15 Jun 2020 11:36

Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	80.3	64.0	96.0
89	47.8	37.4	56.2

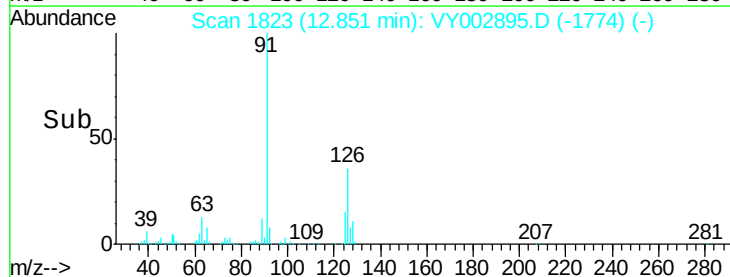
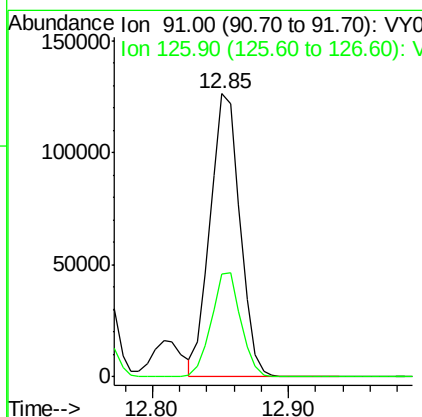
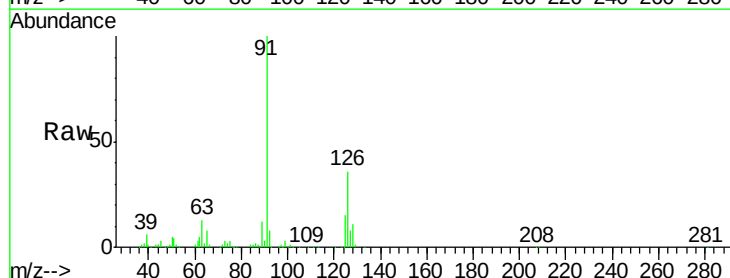
Manual Integrations
APPROVED

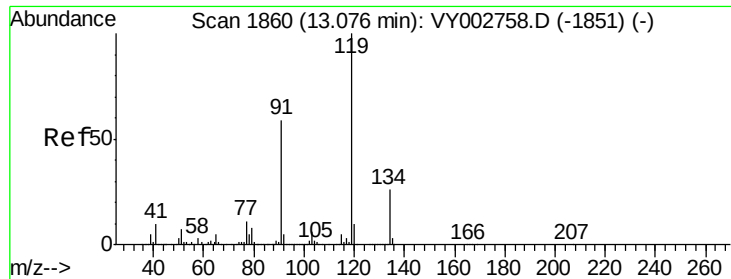
MMDadoda
6/16/2020 3:22:42 PM



#82
4-Chlorotoluene
Concen: 21.231 ug/l
RT: 12.85 min Scan# 1823
Delta R.T. 0.00 min
Lab File: VY002895.D
Acq: 15 Jun 2020 11:36

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.7	18.5	55.5





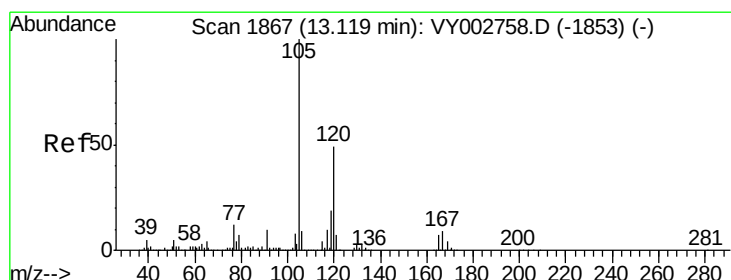
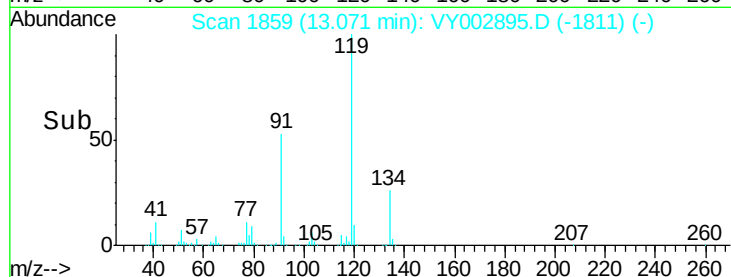
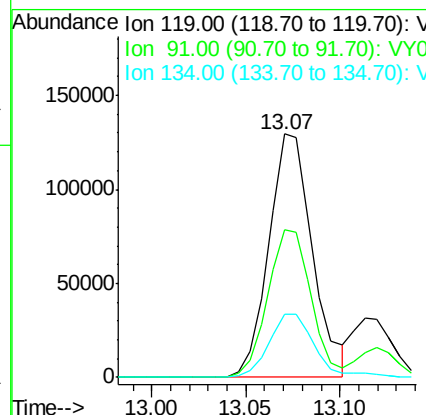
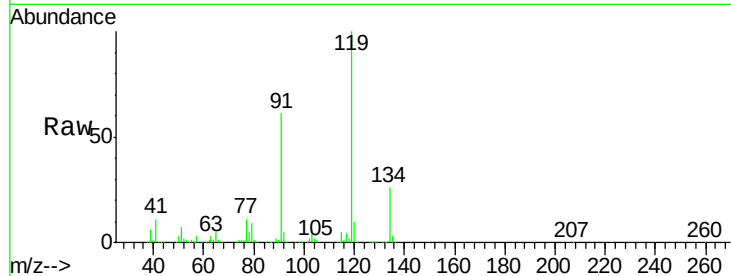
#83
 tert-Butylbenzene
 Concen: 20.997 ug/l
 RT: 13.07 min Scan# 1859
 Delta R.T. -0.01 min
 Lab File: VY002895.D
 Acq: 15 Jun 2020 11:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0615SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	208092		
91	59.8		29.8	89.4
134	27.1		13.3	39.8

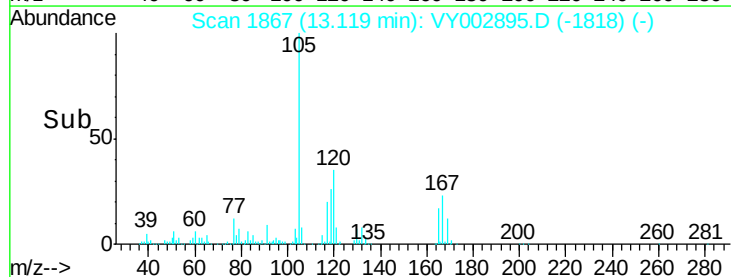
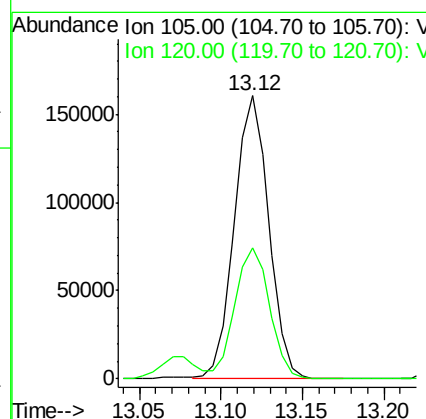
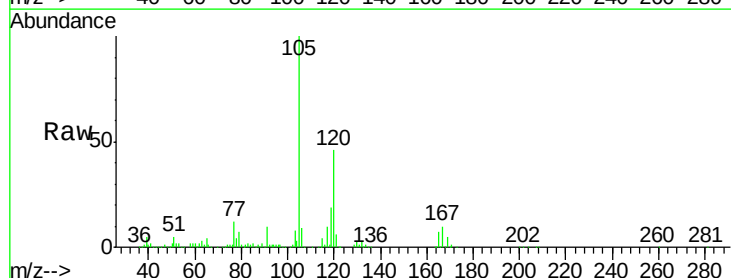
Manual Integrations
 APPROVED

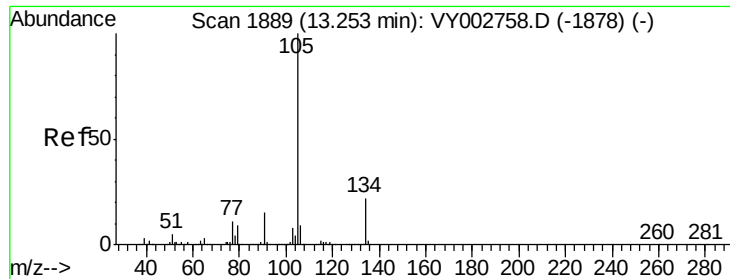
MMDadoda
 6/16/2020 3:22:42 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 21.077 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VY002895.D
 Acq: 15 Jun 2020 11:36

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	235459		
120	46.6		23.6	70.8





#85

sec-Butylbenzene

Concen: 21.058 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY002895.D

Acq: 15 Jun 2020 11:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0615SBS01

Tot Ion:105 Resp: 285341

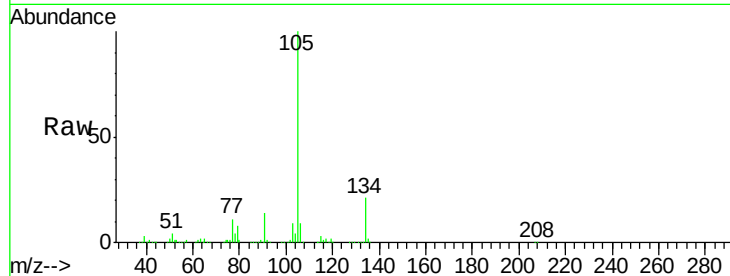
Ion Ratio Lower Upper

105 100

134 21.7 10.8 32.4

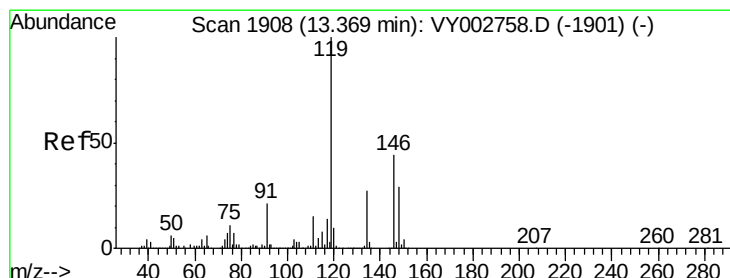
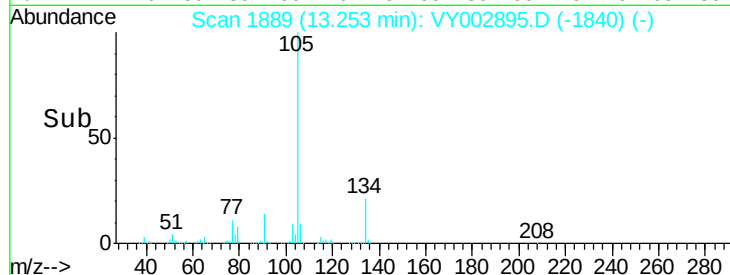
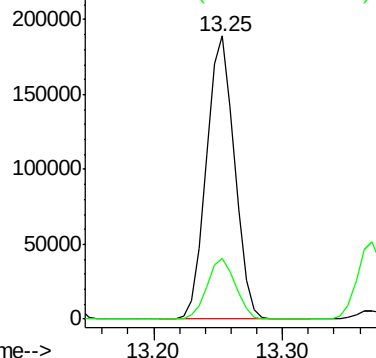
Manual Integrations
APPROVED

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.421 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY002895.D

Acq: 15 Jun 2020 11:36

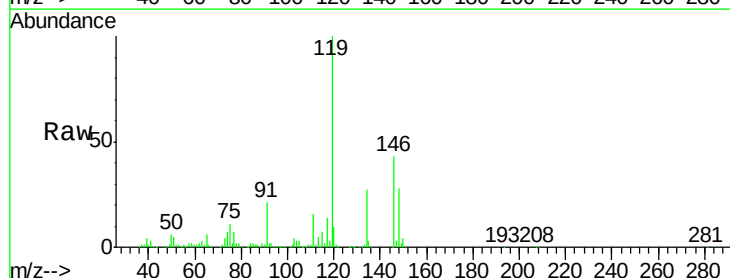
Tgt Ion:119 Resp: 270094

Ion Ratio Lower Upper

119 100

134 27.2 13.7 41.0

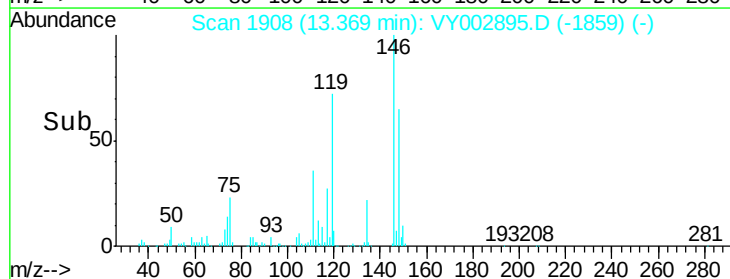
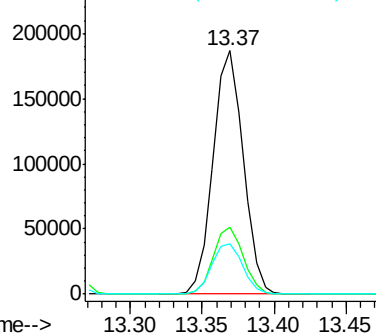
91 21.3 10.8 32.4

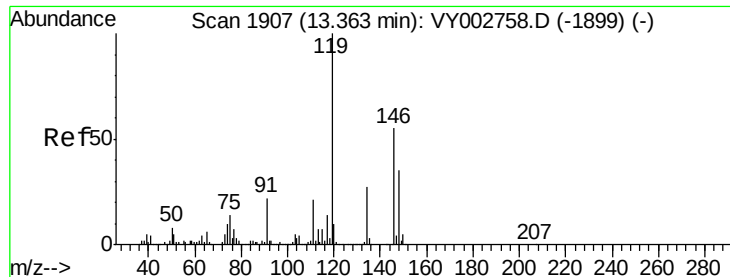


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





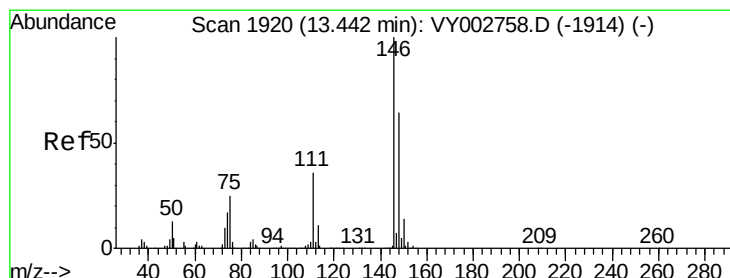
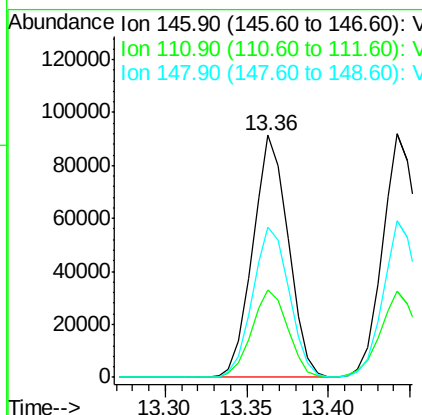
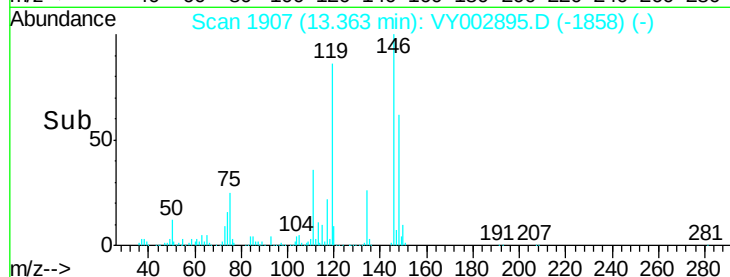
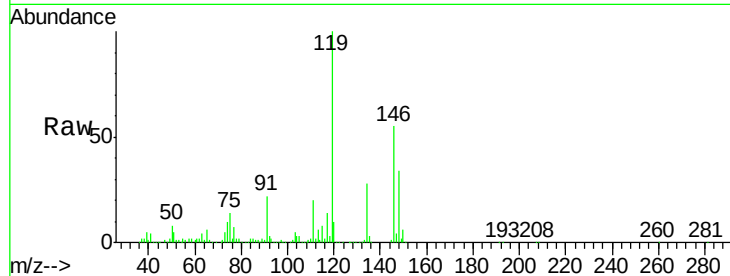
#87
 1,3-Dichlorobenzene
 Concen: 21.095 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY002895.D
 Acq: 15 Jun 2020 11:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0615SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.4	55.0
148	63.9	31.9	95.7

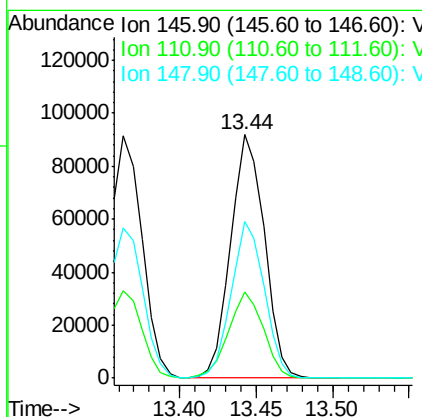
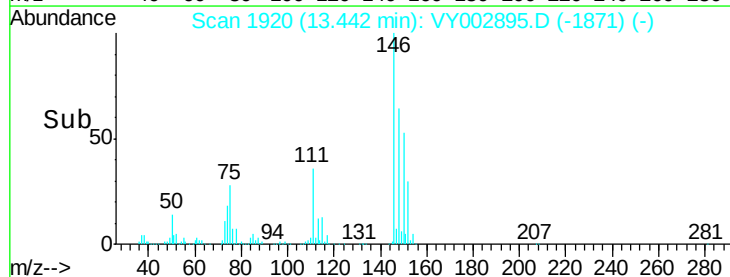
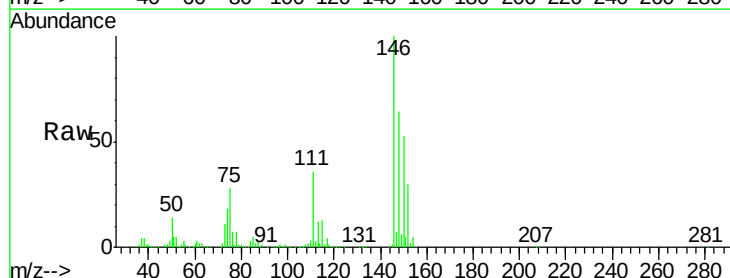
Manual Integrations
 APPROVED

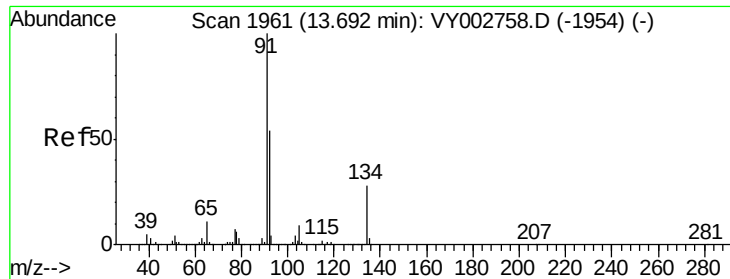
MMDadoda
 6/16/2020 3:22:42 PM



#88
 1,4-Dichlorobenzene
 Concen: 21.425 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY002895.D
 Acq: 15 Jun 2020 11:36

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.6	18.1	54.3
148	63.2	32.1	96.3





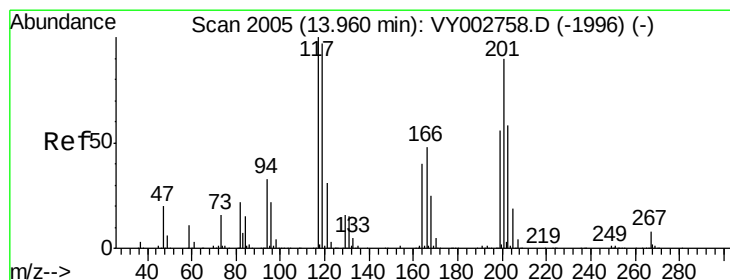
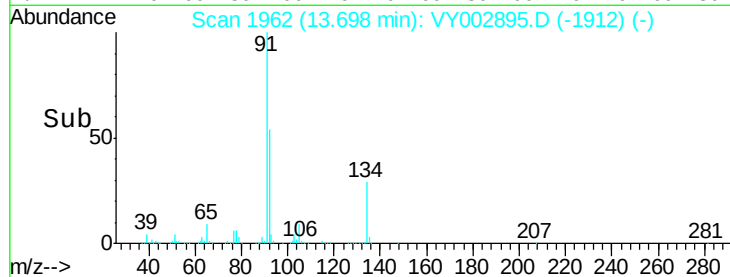
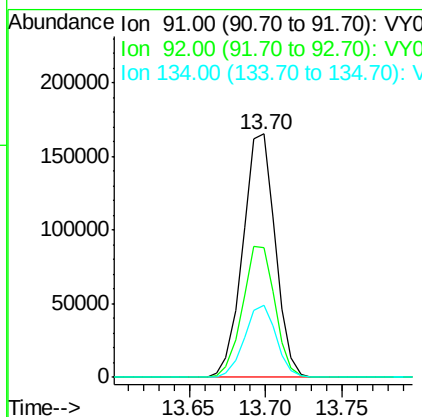
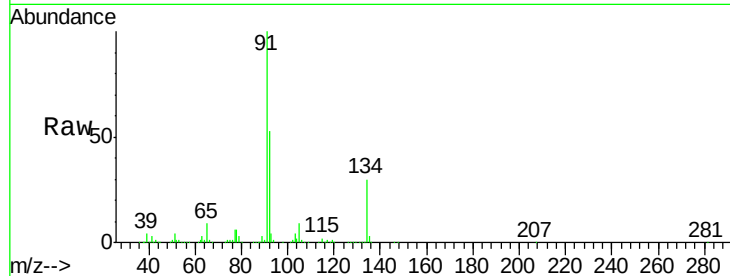
#89
n-Butylbenzene
Concen: 21.154 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY002895.D
Acq: 15 Jun 2020 11:36

Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	242155		
92	54.1		27.1	81.2
134	29.2		14.3	42.9

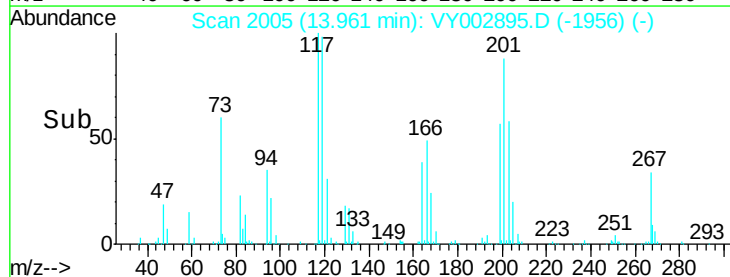
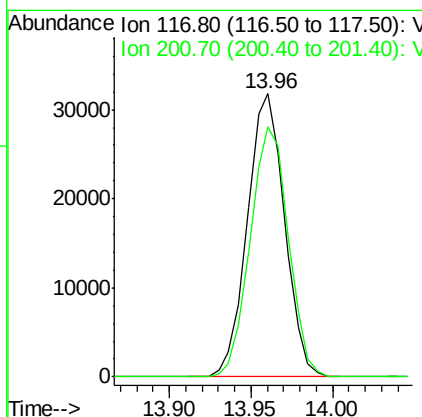
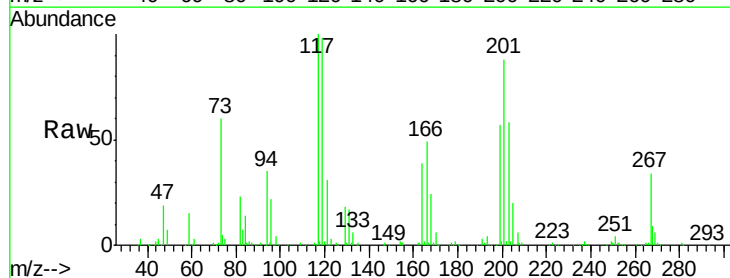
Manual Integrations
APPROVED

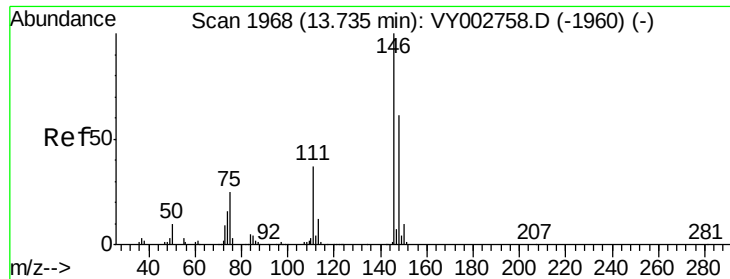
MMDadoda
6/16/2020 3:22:42 PM



#90
Hexachloroethane
Concen: 21.431 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY002895.D
Acq: 15 Jun 2020 11:36

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	50587		
201	90.3		43.9	131.6





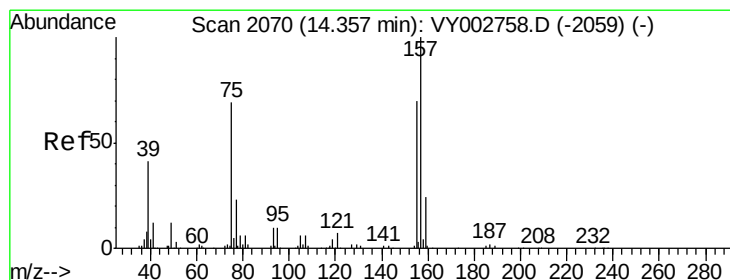
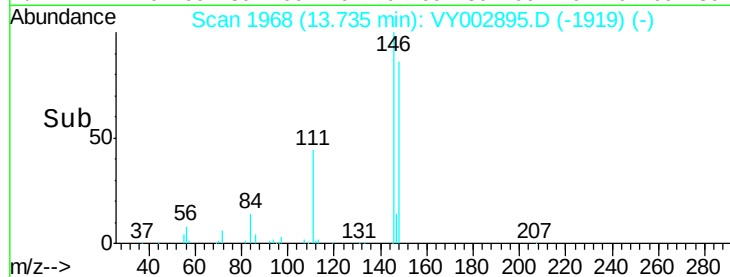
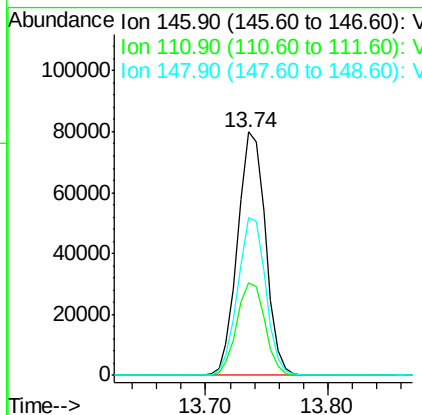
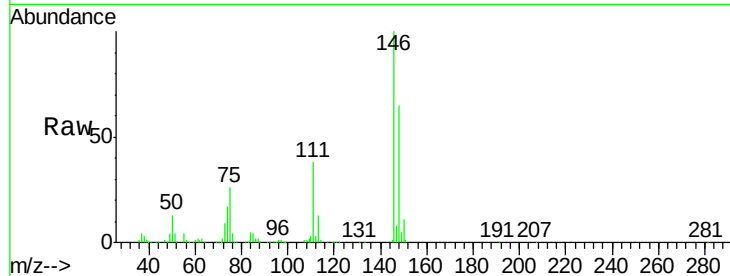
#91
 1,2-Dichlorobenzene
 Concen: 21.210 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY002895.D
 Acq: 15 Jun 2020 11:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0615SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	18.9	56.9
148	64.8	31.9	95.5

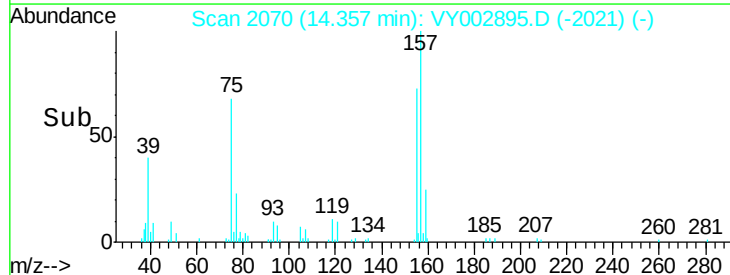
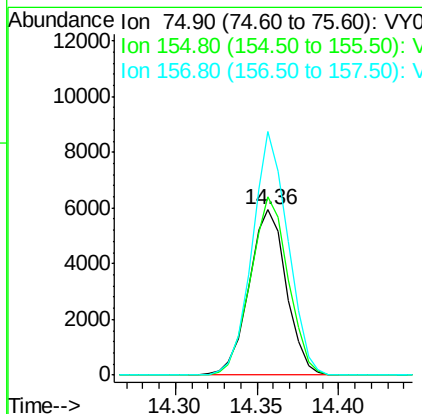
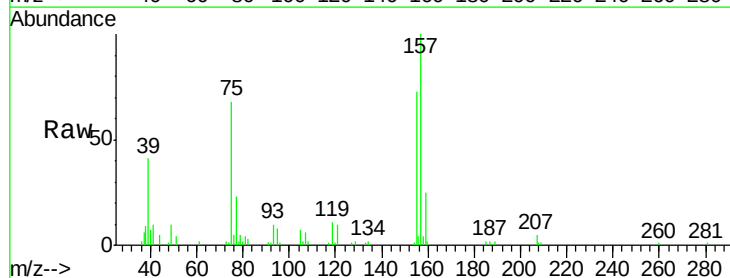
Manual Integrations
 APPROVED

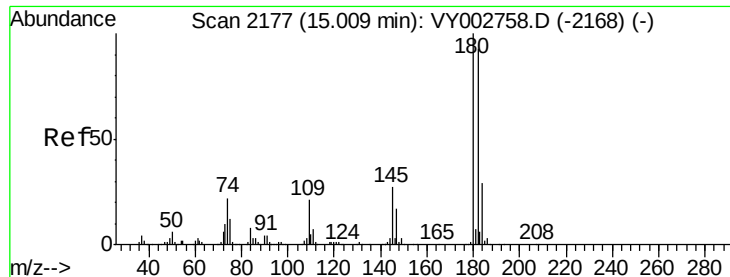
MMDadoda
 6/16/2020 3:22:42 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.023 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY002895.D
 Acq: 15 Jun 2020 11:36

Tgt Ion	Ratio	Lower	Upper
75	100		
155	108.3	53.5	160.5
157	140.5	69.9	209.7





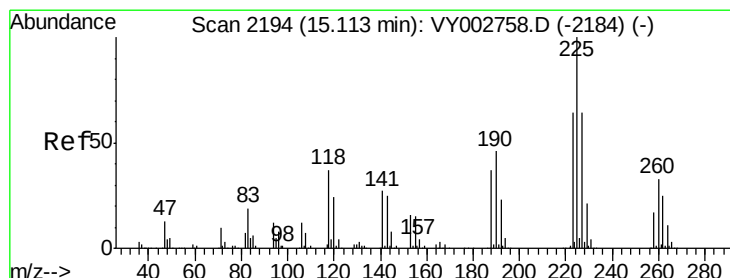
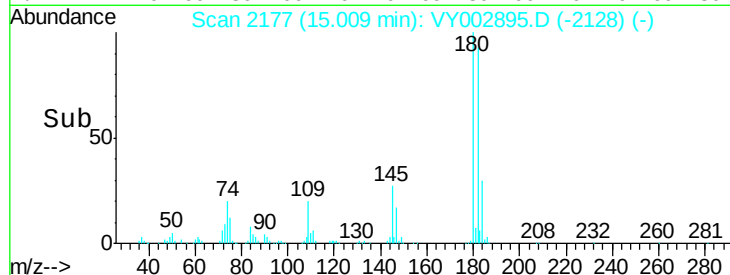
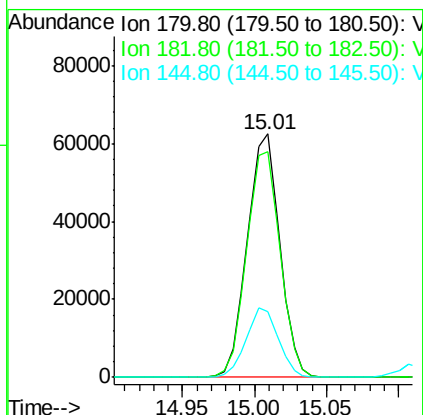
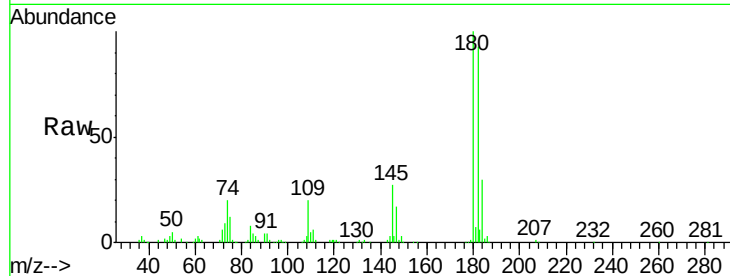
#93
 1,2,4-Trichlorobenzene
 Concen: 21.669 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VY002895.D
 Acq: 15 Jun 2020 11:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0615SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.3	141.9
145	28.5	14.1	42.3

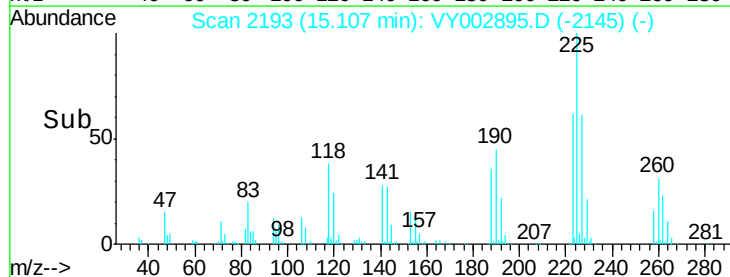
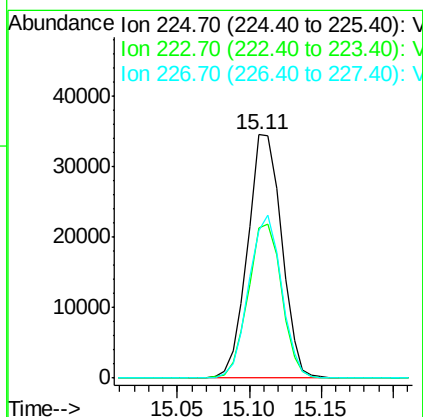
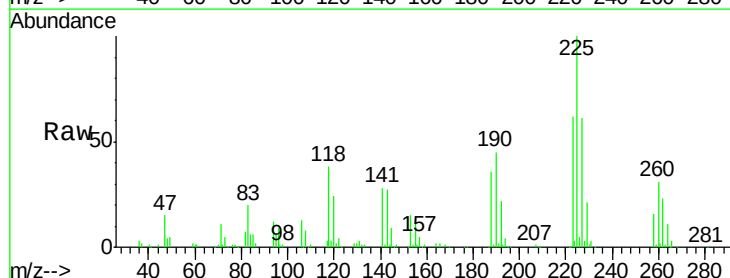
Manual Integrations
 APPROVED

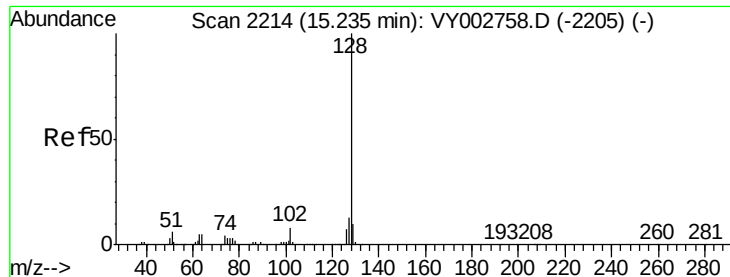
MMDadoda
 6/16/2020 3:22:42 PM



#94
 Hexachlorobutadiene
 Concen: 22.109 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: VY002895.D
 Acq: 15 Jun 2020 11:36

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	31.6	95.0
227	64.2	32.3	96.9





#95

Naphthalene

Concen: 21.023 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. 0.00 min

Lab File: VY002895.D

Acq: 15 Jun 2020 11:36

Instrument :

MSVOA_Y

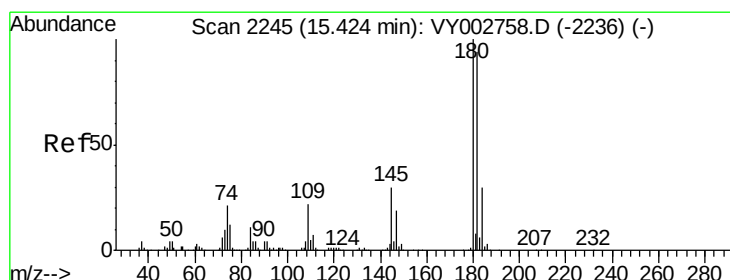
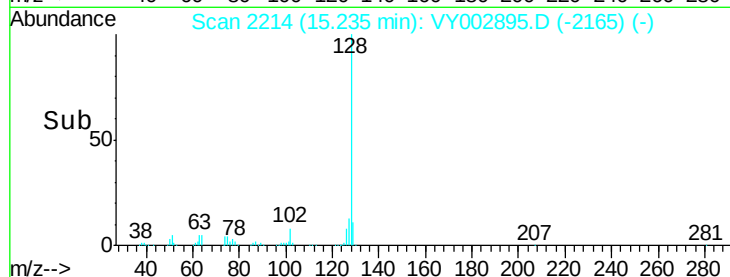
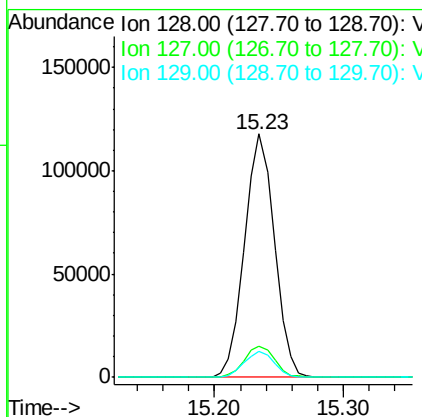
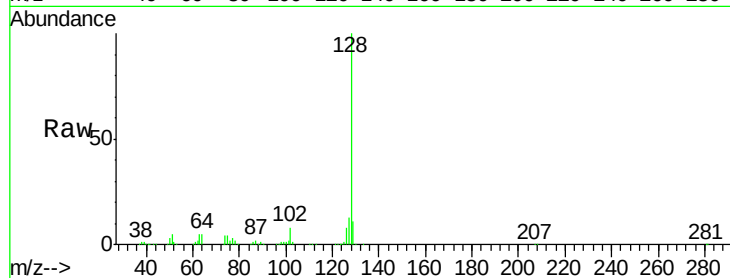
ClientSampleId :

VY0615SBS01

Tot Ion:	128	Resp:	189101
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.3	15.5
129	10.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
6/16/2020 3:22:42 PM



#96

1,2,3-Trichlorobenzene

Concen: 21.643 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. 0.00 min

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Tgt Ion:	180	Resp:	86708
Ion Ratio	Lower	Upper	
180	100		
182	94.4	48.1	144.4
145	29.8	15.1	45.3

