

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY052720\
 Data File : VY002761.D
 Acq On : 27 May 2020 13:40
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICSVY052720

Manual Integrations
 APPROVED

MMDadoda
 5/28/2020 2:08:46 PM

Quant Time: May 28 05:06:07 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	361049	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	528809	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	483932	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	253895	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	156377	49.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.76%	
35) Dibromofluoromethane	7.72	113	160384	51.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.50%	
50) Toluene-d8	10.18	98	625514	49.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.84%	
62) 4-Bromofluorobenzene	12.48	95	219041	51.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	125140	50.372	ug/l	96
3) Chloromethane	2.11	50	137483	50.032	ug/l	99
4) Vinyl Chloride	2.26	62	153734	52.931	ug/l	99
5) Bromomethane	2.65	94	112594	51.730	ug/l	99
6) Chloroethane	2.80	64	97079	51.560	ug/l	98
7) Trichlorofluoromethane	3.13	101	271855	52.849	ug/l	99
8) Diethyl Ether	3.54	74	101318	50.443	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.90	101	168261	55.092	ug/l	99
10) Methyl Iodide	4.10	142	228585	53.487	ug/l	100
11) Tert butyl alcohol	4.97	59	90287	268.931	ug/l	100
12) 1,1-Dichloroethene	3.88	96	164316	53.497	ug/l	99
13) Acrolein	3.74	56	90298	245.792	ug/l	100
14) Allyl chloride	4.49	41	243419	55.257	ug/l	99
15) Acrylonitrile	5.18	53	246568	272.107	ug/l	100
16) Acetone	3.96	43	217725	296.185	ug/l	98
17) Carbon Disulfide	4.20	76	488321	52.612	ug/l	99
18) Methyl Acetate	4.49	43	102450	55.652	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	457431	53.946	ug/l	99
20) Methylene Chloride	4.72	84	185171	51.546	ug/l	99
21) trans-1,2-Dichloroethene	5.22	96	182336	52.787	ug/l	95
22) Diisopropyl ether	6.13	45	498855	54.494	ug/l	98
23) Vinyl Acetate	6.07	43	1702819	281.741	ug/l	100
24) 1,1-Dichloroethane	6.02	63	291492	54.433	ug/l	99
25) 2-Butanone	6.99	43	321773	280.956	ug/l	98
26) 2,2-Dichloropropane	6.99	77	268707	52.320	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	207265	53.600	ug/l	98
28) Bromochloromethane	7.34	49	108961	49.565	ug/l	98
29) Tetrahydrofuran	7.35	42	204907	275.057	ug/l	100
30) Chloroform	7.51	83	305494	53.761	ug/l	97
31) Cyclohexane	7.79	56	273835	51.503	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	282065	53.268	ug/l	99
36) 1,1-Dichloropropene	7.92	75	241829	54.288	ug/l	100
37) Ethyl Acetate	7.08	43	137313	56.656	ug/l	99
38) Carbon Tetrachloride	7.91	117	263136	53.174	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	317531	54.080	ug/l	98
40) Benzene	8.16	78	702411	53.365	ug/l	99
41) Methacrylonitrile	7.33	41	73264m	56.269	ug/l	
42) 1,2-Dichloroethane	8.24	62	196419	53.248	ug/l	99
43) Isopropyl Acetate	8.28	43	255747	55.685	ug/l	100
44) Trichloroethene	8.94	130	219514	52.798	ug/l	96
45) 1,2-Dichloropropane	9.22	63	170127	53.898	ug/l	99
46) Dibromomethane	9.31	93	100417	53.567	ug/l	99
47) Bromodichloromethane	9.50	83	242275	54.822	ug/l	97
48) Methyl methacrylate	9.29	41	114609	55.278	ug/l	99
49) 1,4-Dioxane	9.30	88	30382	1055.532	ug/l	95
51) 4-Methyl-2-Pentanone	10.07	43	680332	279.743	ug/l	100
52) Toluene	10.24	92	457587	53.143	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	264288	54.753	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	298445	54.566	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	152386	53.098	ug/l	95
56) Ethyl methacrylate	10.51	69	212376	55.249	ug/l	98
57) 1,3-Dichloropropane	10.79	76	254245	53.861	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	472310	251.458	ug/l	100
59) 2-Hexanone	10.83	43	489098	283.444	ug/l	100
60) Dibromochloromethane	10.99	129	196252	53.937	ug/l	100
61) 1,2-Dibromoethane	11.09	107	153763	54.313	ug/l	100
64) Tetrachloroethene	10.72	164	228320	51.912	ug/l	100
65) Chlorobenzene	11.52	112	511578	53.485	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	194280	53.931	ug/l	99
67) Ethyl Benzene	11.59	91	895574	54.009	ug/l	100
68) m/p-Xylenes	11.70	106	693463	107.863	ug/l	100
69) o-Xylene	12.03	106	329971	54.367	ug/l	100
70) Styrene	12.05	104	568183	54.003	ug/l	100
71) Bromoform	12.20	173	133022	55.186	ug/l #	99
73) Isopropylbenzene	12.33	105	890434	54.726	ug/l	100
74) N-amyl acetate	12.14	43	239226	57.303	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	162929	57.072	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	128571m	56.199	ug/l	
77) Bromobenzene	12.61	156	228153	53.852	ug/l	98
78) n-propylbenzene	12.67	91	1033244	54.976	ug/l	100
79) 2-Chlorotoluene	12.75	91	574466	54.489	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	745286	54.860	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	69985	57.633	ug/l	98
82) 4-Chlorotoluene	12.85	91	605028	54.775	ug/l	100
83) tert-Butylbenzene	13.08	119	661437	54.582	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	743213	54.408	ug/l	99
85) sec-Butylbenzene	13.25	105	901318	54.397	ug/l	100
86) p-Isopropyltoluene	13.37	119	844775	54.793	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	431828	53.810	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	434059	54.070	ug/l	99
89) n-Butylbenzene	13.70	91	769866	55.000	ug/l	100
90) Hexachloroethane	13.96	117	158160	54.796	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	394455	54.199	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	31485	57.325	ug/l	95

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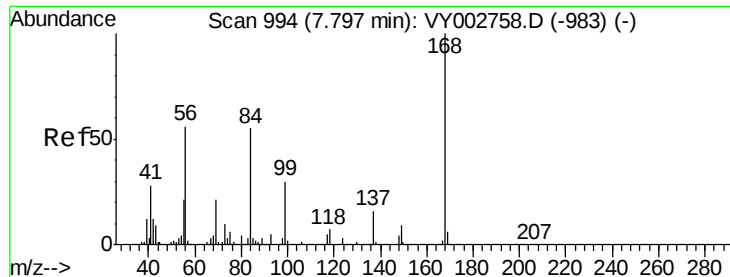
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	293398	53.484	ug/l	98
94) Hexachlorobutadiene	15.11	225	166732	53.587	ug/l	99
95) Naphthalene	15.23	128	604686	54.976	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	264312	53.955	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY002761.D

Acq: 27 May 2020 13:40

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY052720

Tot Ion:168 Resp: 361049

Ion Ratio Lower Upper

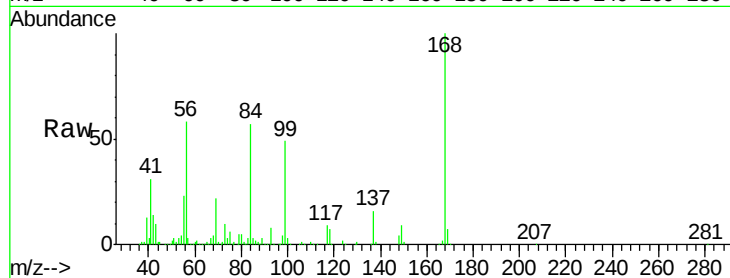
168 100

99 48.6 39.0 58.4

Manual Integrations
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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

150000

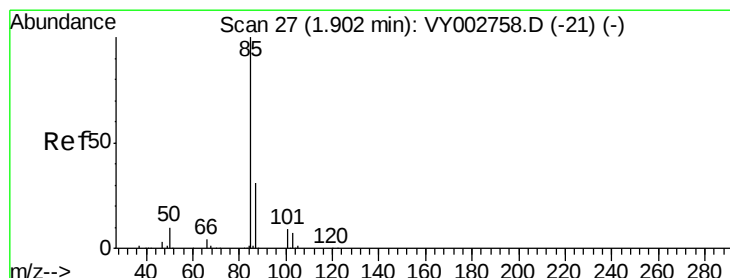
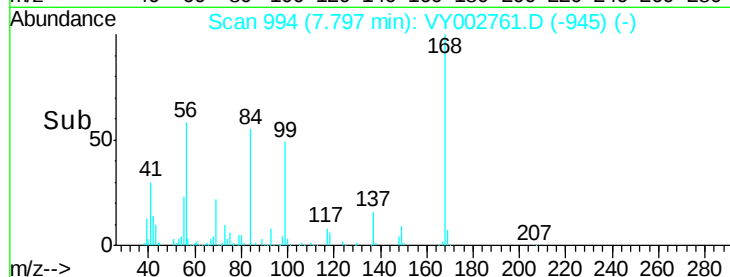
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 50.372 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY002761.D

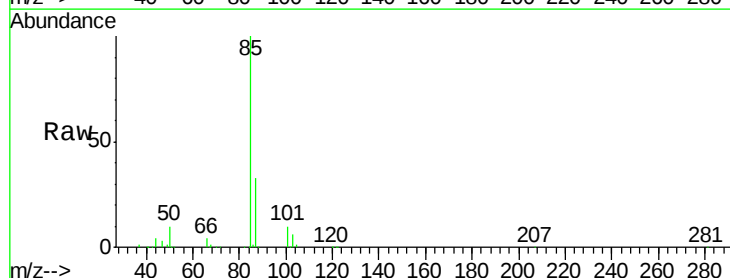
Acq: 27 May 2020 13:40

Tgt Ion: 85 Resp: 125140

Ion Ratio Lower Upper

85 100

87 33.1 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

100000

80000

60000

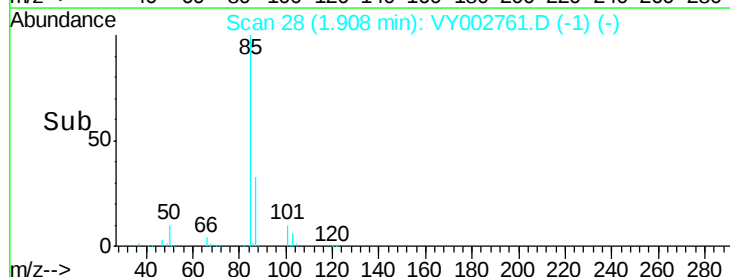
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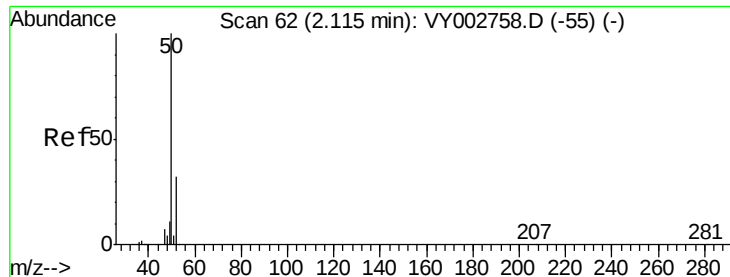
20000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 50.032 ug/l

RT: 2.11 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY002761.D

Acq: 27 May 2020 13:40

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY052720

Tot Ion: 50 Resp: 137483

Ion Ratio Lower Upper

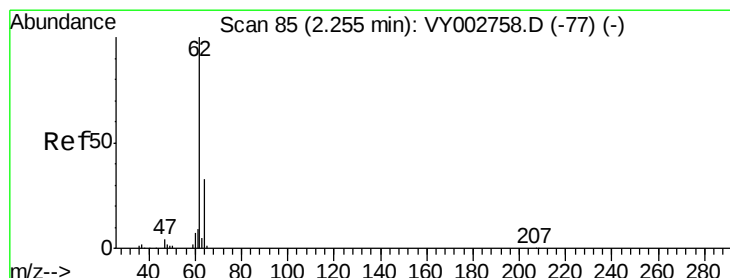
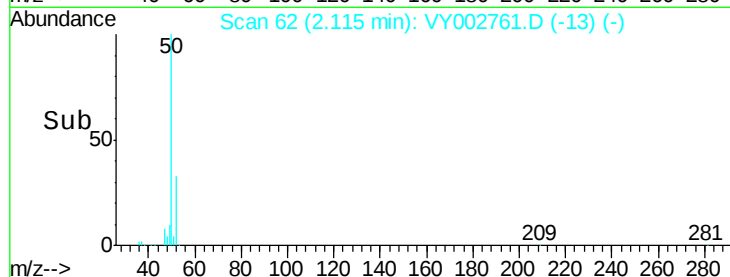
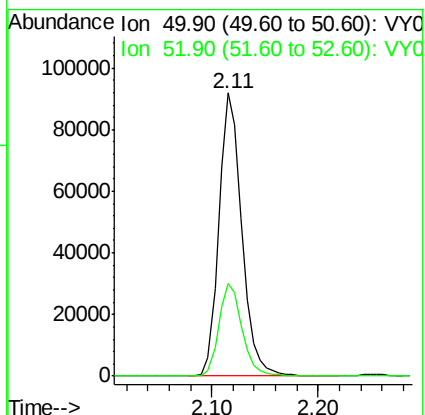
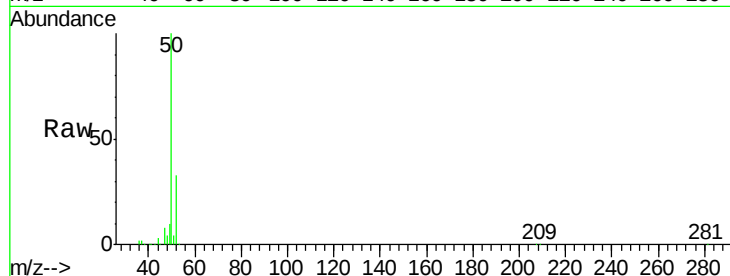
50 100

52 32.7 25.8 38.6

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#4

Vinyl Chloride

Concen: 52.931 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.00 min

Lab File: VY002761.D

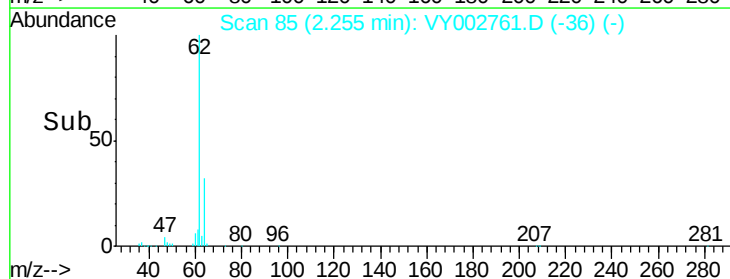
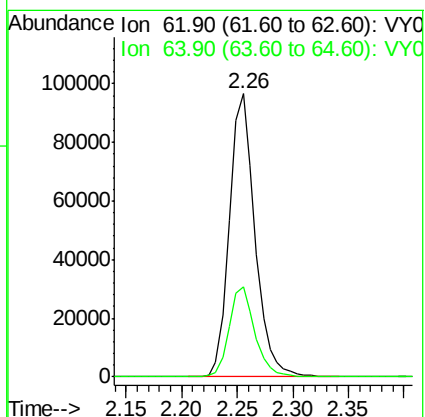
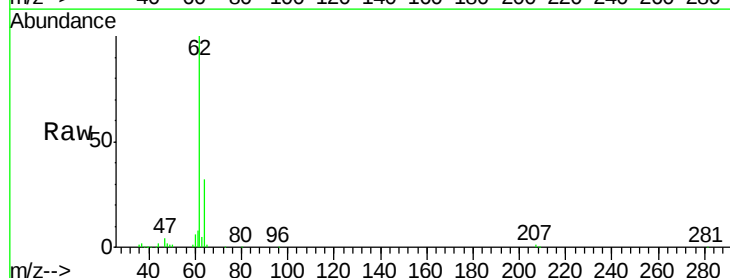
Acq: 27 May 2020 13:40

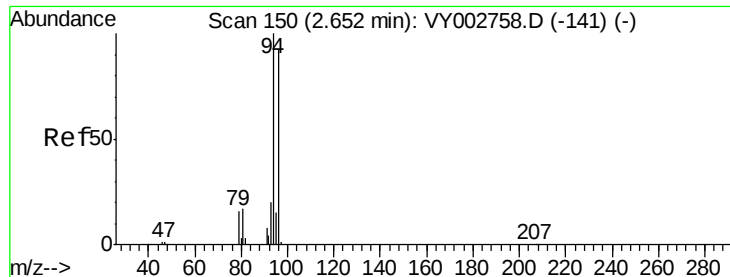
Tgt Ion: 62 Resp: 153734

Ion Ratio Lower Upper

62 100

64 31.8 26.1 39.1





#5

Bromomethane

Concen: 51.730 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.00 min

Lab File: VY002761.D

Acq: 27 May 2020 13:40

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY052720

Tot Ion: 94 Resp: 112594

Ion Ratio Lower Upper

94 100

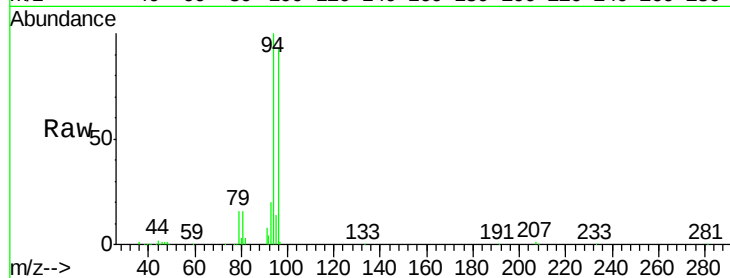
96 93.2 73.7 110.5

Manual Integrations

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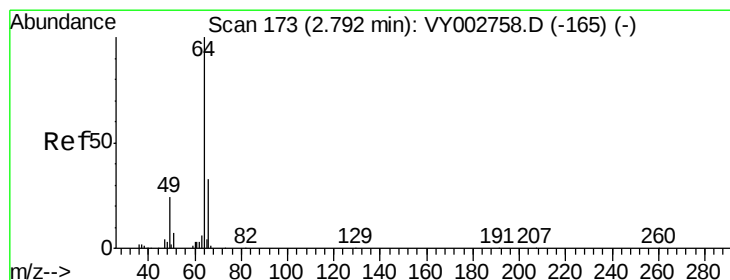
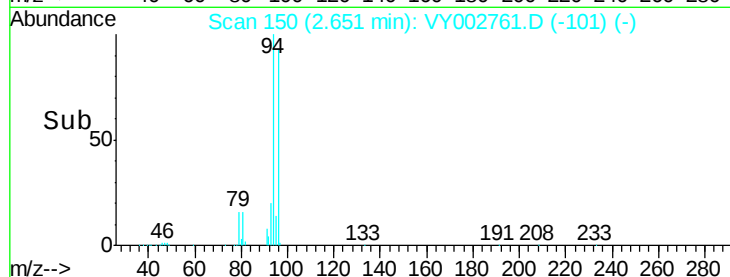
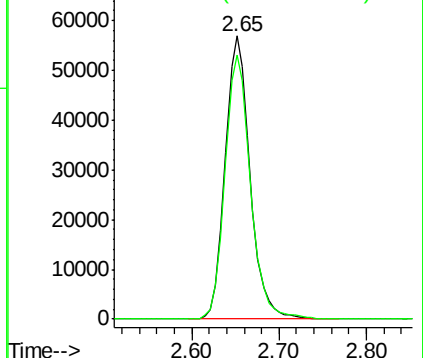
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 51.560 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.01 min

Lab File: VY002761.D

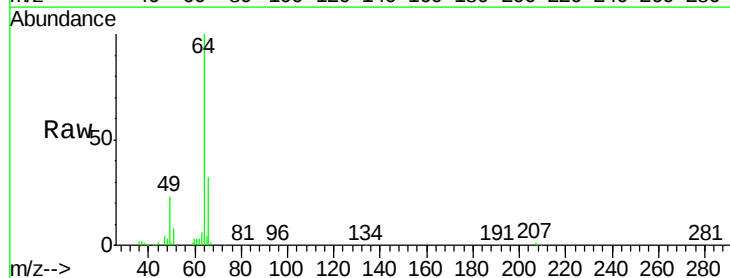
Acq: 27 May 2020 13:40

Tgt Ion: 64 Resp: 97079

Ion Ratio Lower Upper

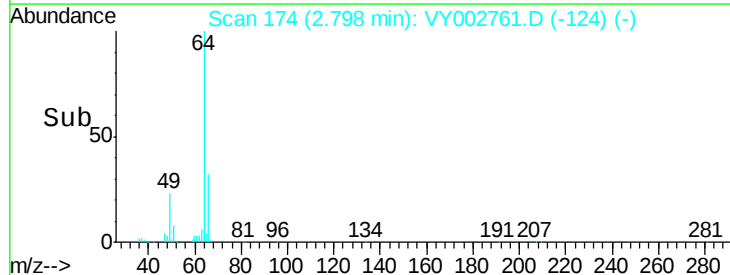
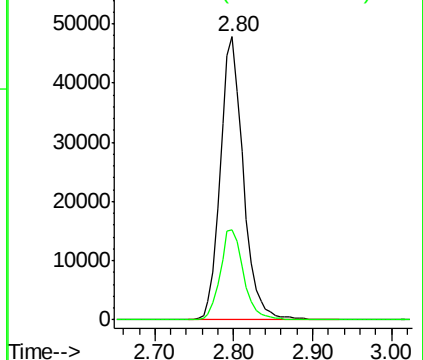
64 100

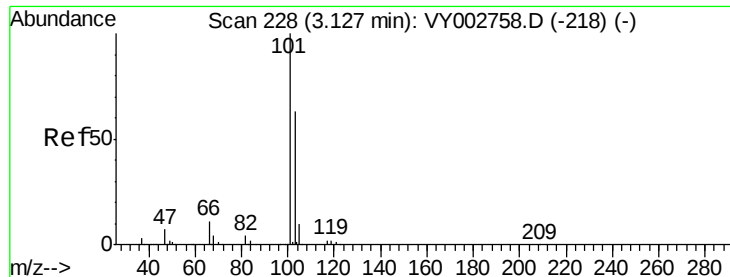
66 31.8 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

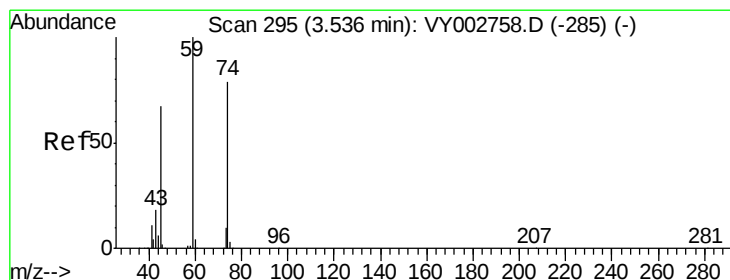
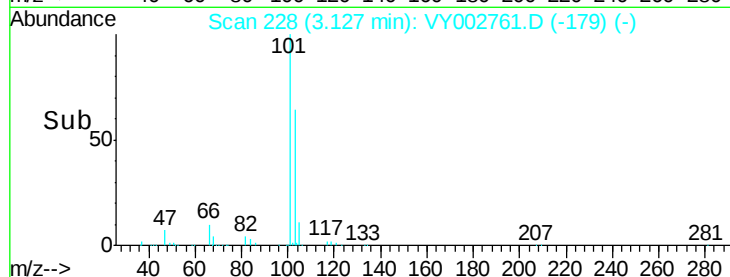
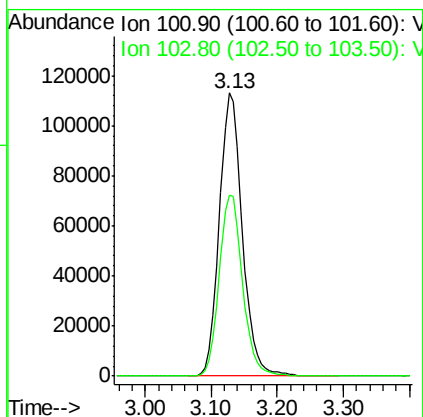
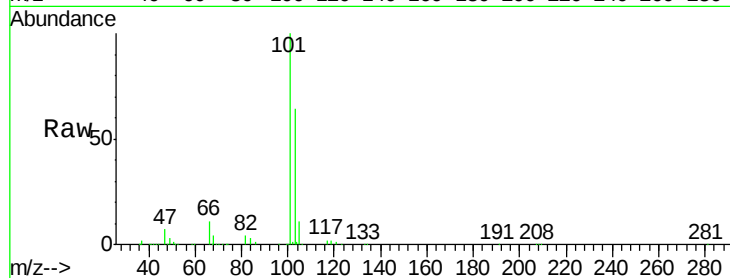
Trichlorofluoromethane
Concen: 52.849 ug/l
RT: 3.13 min Scan# 228
Delta R.T. -0.00 min
Lab File: VY002761.D
Acq: 27 May 2020 13:40

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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.1	50.6	76.0

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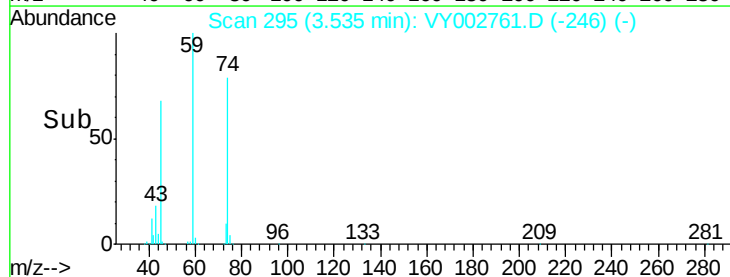
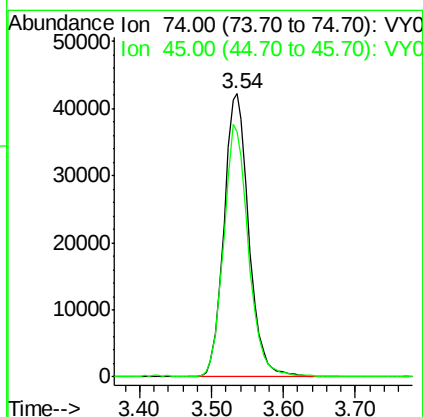
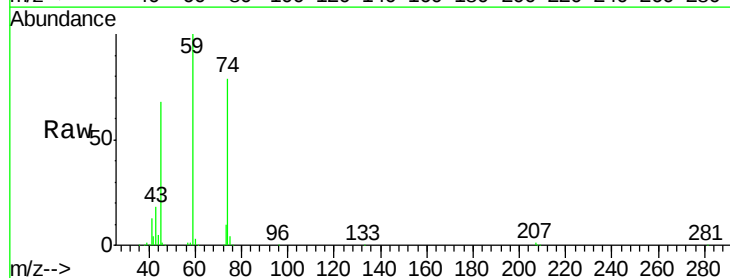
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5/28/2020 2:08:46 PM

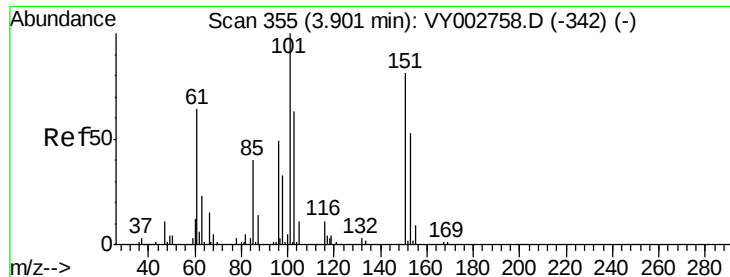


#8

Diethyl Ether
Concen: 50.443 ug/l
RT: 3.54 min Scan# 295
Delta R.T. -0.00 min
Lab File: VY002761.D
Acq: 27 May 2020 13:40

Tgt Ion	Ratio	Lower	Upper
74	100		
45	89.2	44.0	131.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 55.092 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.00 min

Lab File: VY002761.D

Acq: 27 May 2020 13:40

Instrument :

MSVOA_Y

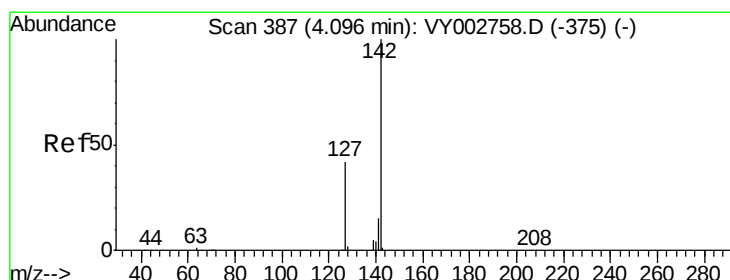
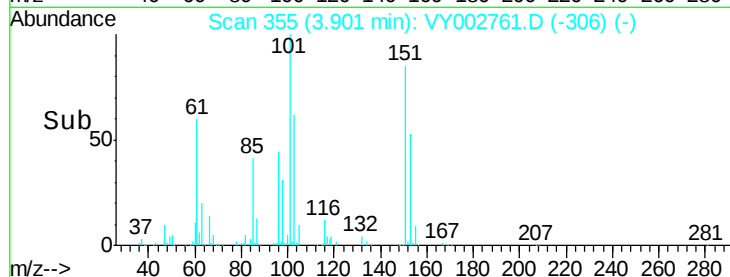
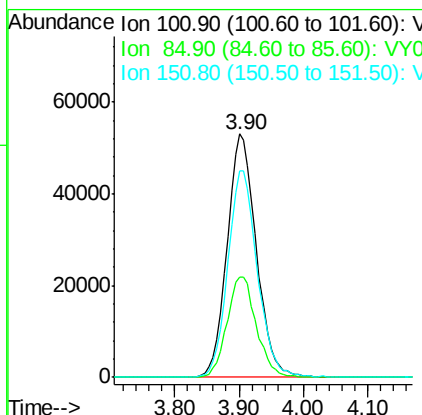
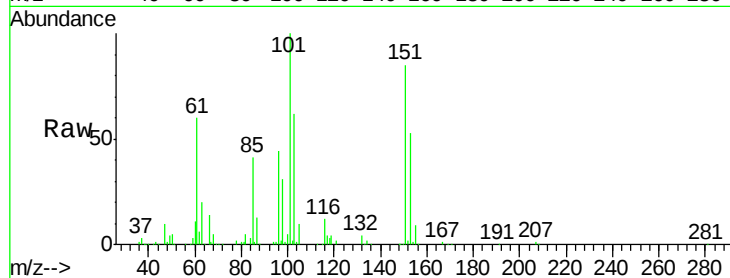
ClientSampleId :

ICVY052720

Tot Ion:	101	Resp:	168261
Ion Ratio	Lower	Upper	
101	100		
85	41.7	32.7	49.1
151	85.9	68.0	102.0

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#10

Methyl Iodide

Concen: 53.487 ug/l

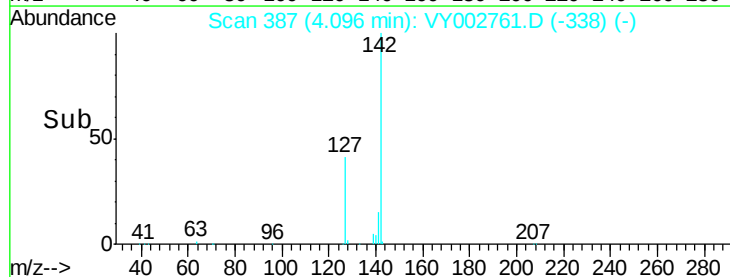
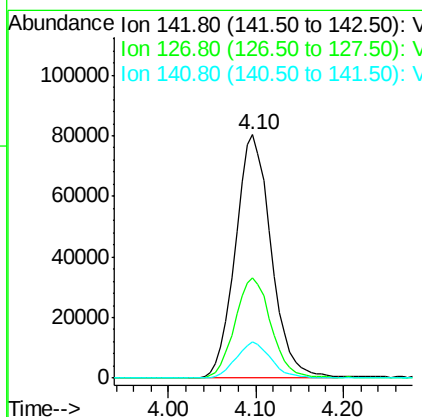
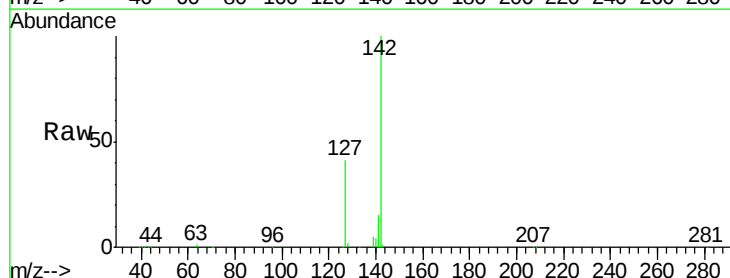
RT: 4.10 min Scan# 387

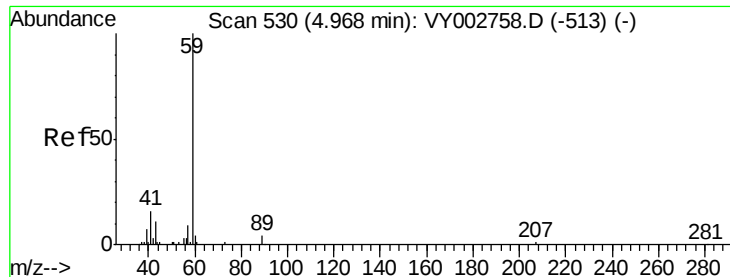
Delta R.T. -0.00 min

Lab File: VY002761.D

Acq: 27 May 2020 13:40

Tgt Ion:	142	Resp:	228585
Ion Ratio	Lower	Upper	
142	100		
127	41.6	33.3	49.9
141	14.4	11.5	17.3





#11

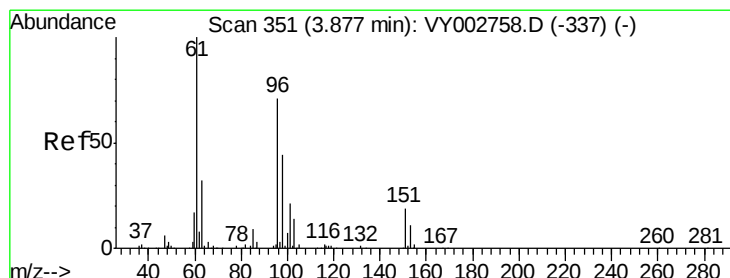
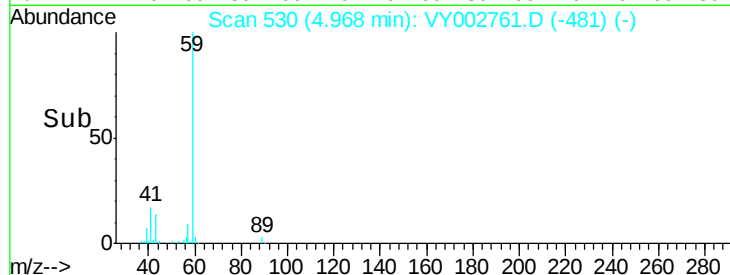
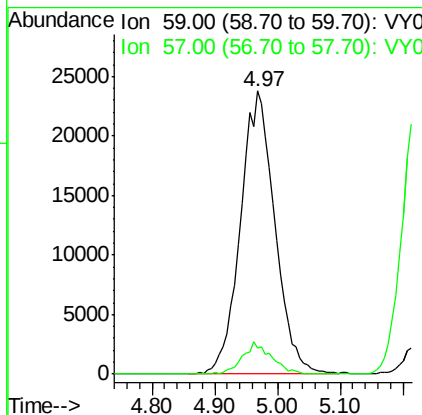
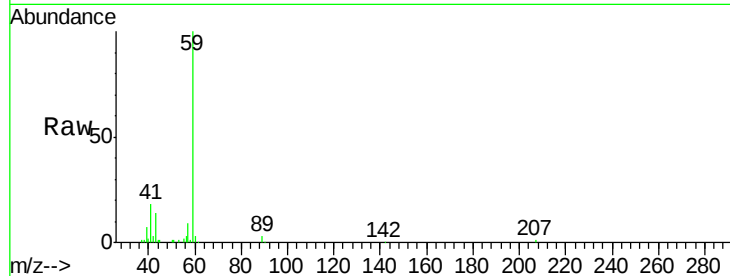
Tert butyl alcohol
 Concen: 268.931 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. 0.00 min
 Lab File: VY002761.D
 Acq: 27 May 2020 13:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY052720

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.7	7.7	11.5

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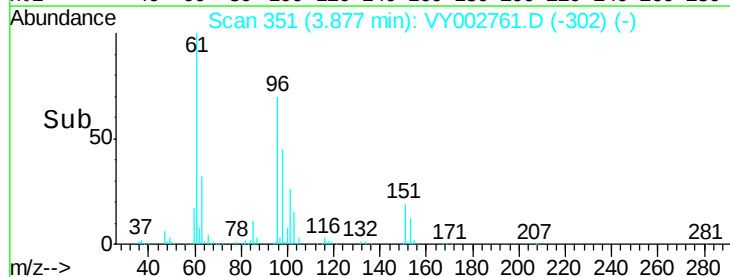
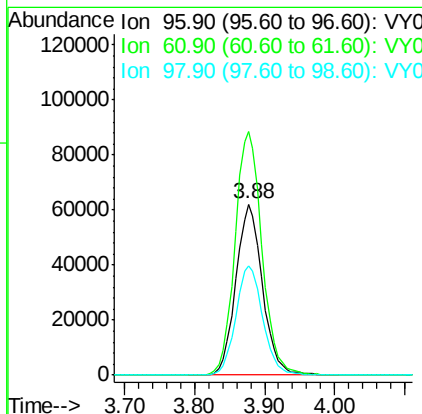
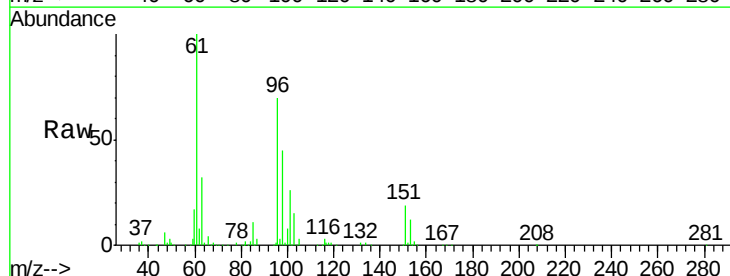
MMDadoda
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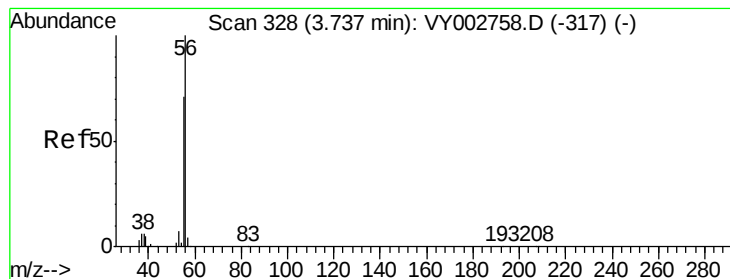


#12

1,1-Dichloroethene
 Concen: 53.497 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VY002761.D
 Acq: 27 May 2020 13:40

Tgt Ion	Ratio	Lower	Upper
96	100		
61	142.3	112.6	168.8
98	63.7	50.0	75.0





#13

Acrolein

Concen: 245.792 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.00 min

Lab File: VY002761.D

Acq: 27 May 2020 13:40

Instrument :

MSVOA_Y

ClientSampleId :

ICVY052720

Tot Ion: 56 Resp: 90298

Ion Ratio Lower Upper

56 100

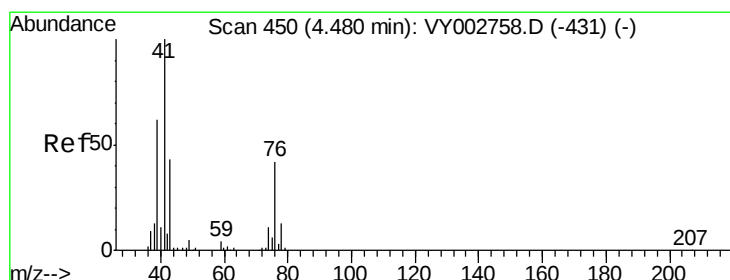
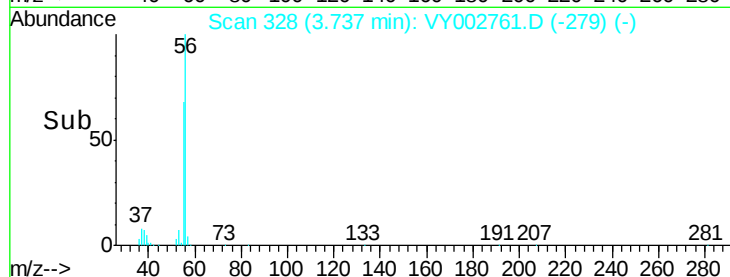
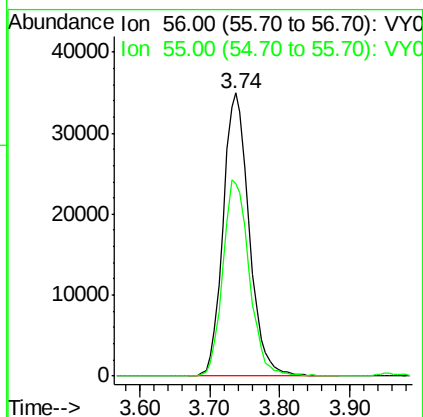
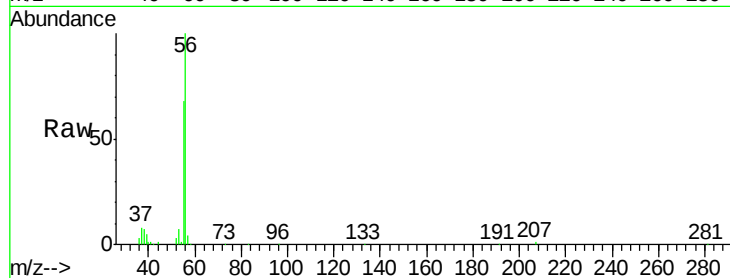
55 70.3 56.0 84.0

Manual Integrations

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#14

Allyl chloride

Concen: 55.257 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY002761.D

Acq: 27 May 2020 13:40

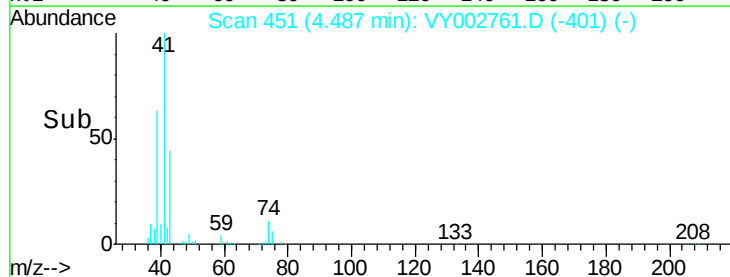
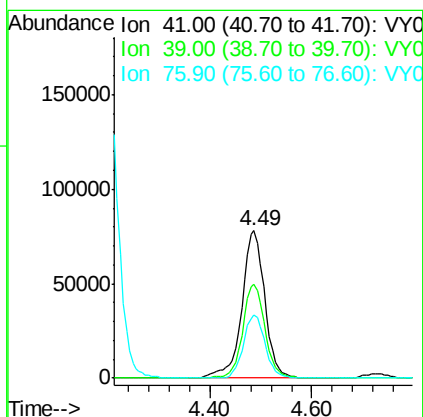
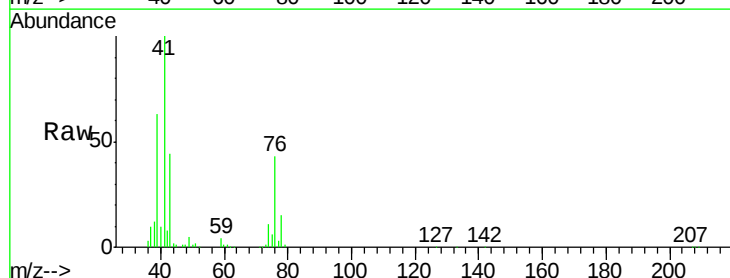
Tgt Ion: 41 Resp: 243419

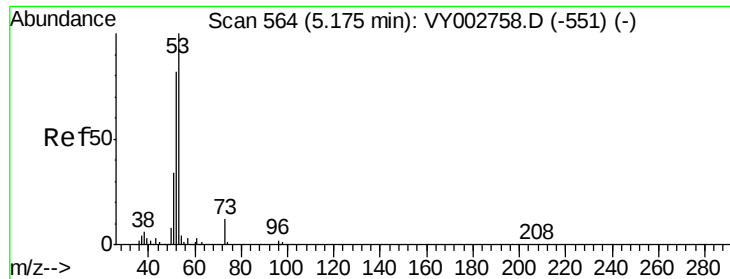
Ion Ratio Lower Upper

41 100

39 61.7 49.9 74.9

76 40.6 33.2 49.8





#15

Acrylonitrile

Concen: 272.107 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.00 min

Lab File: VY002761.D

Acq: 27 May 2020 13:40

Instrument :

MSVOA_Y

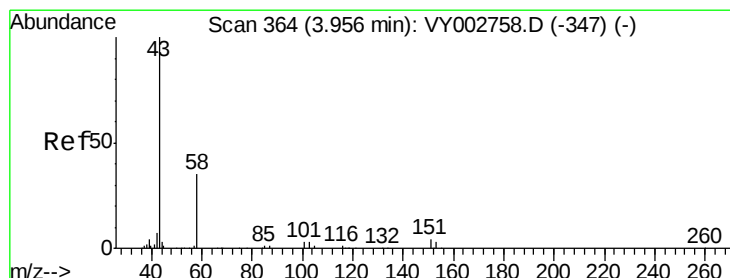
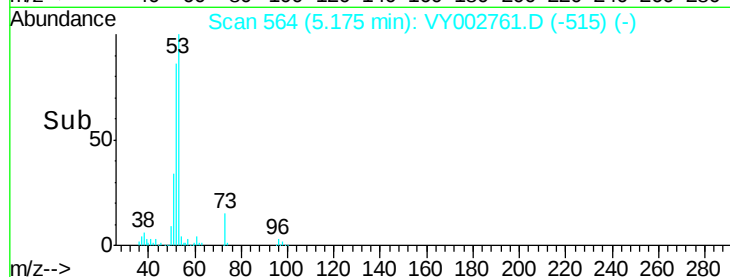
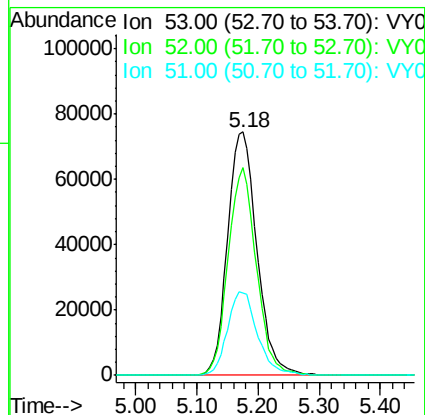
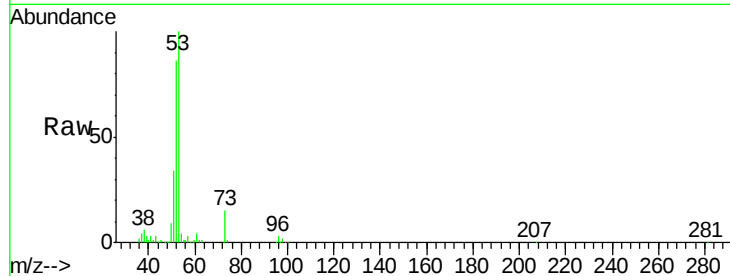
ClientSampleId :

ICVY052720

Tot Ion:	53	Resp:	246568
Ion Ratio	Lower	Upper	
53	100		
52	81.9	65.3	97.9
51	35.2	28.0	42.0

Manual Integrations
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#16

Acetone

Concen: 296.185 ug/l

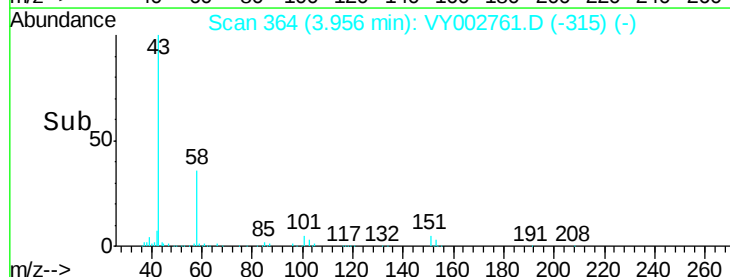
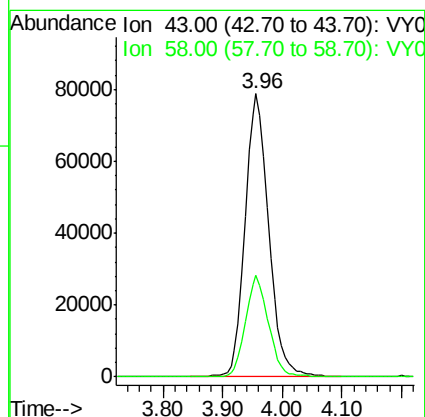
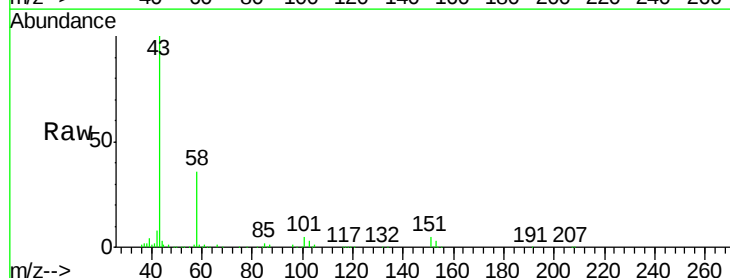
RT: 3.96 min Scan# 364

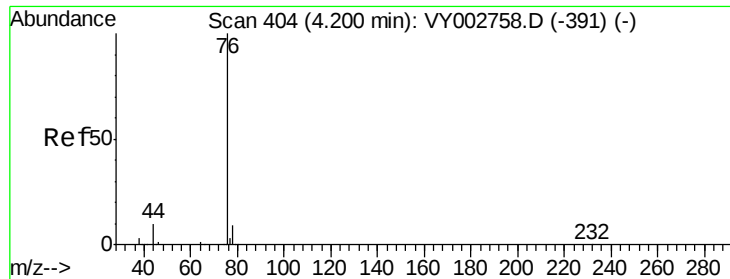
Delta R.T. -0.00 min

Lab File: VY002761.D

Acq: 27 May 2020 13:40

Tgt Ion:	43	Resp:	217725
Ion Ratio	Lower	Upper	
43	100		
58	36.0	27.7	41.5





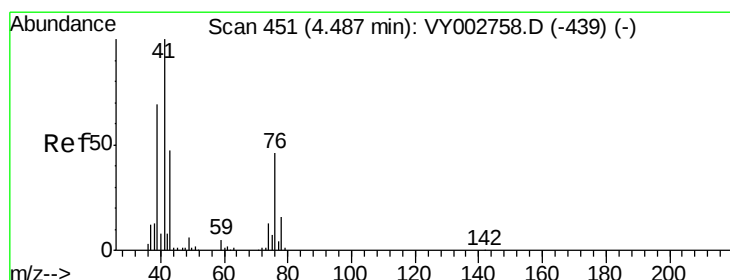
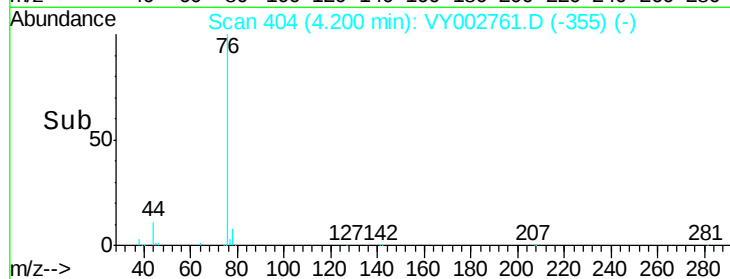
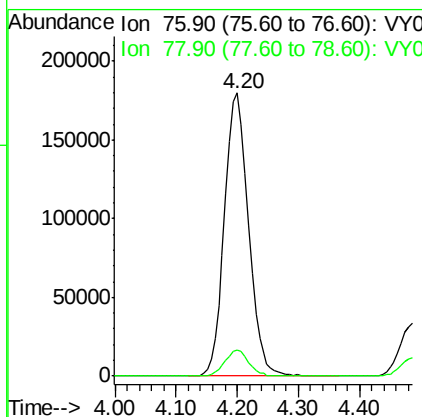
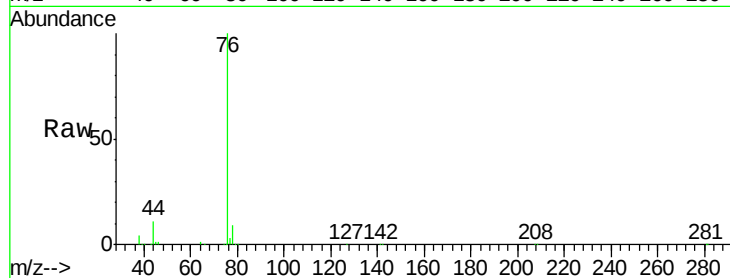
#17
Carbon Disulfide
Concen: 52.612 ug/l
RT: 4.20 min Scan# 404
Delta R.T. -0.00 min
Lab File: VY002761.D
Acq: 27 May 2020 13:40

Instrument :
MSVOA_Y
ClientSampleId :
ICVY052720

Tot Ion	Ratio	Resp	Lower	Upper
76	100	488321		
78	9.1		6.9	10.3

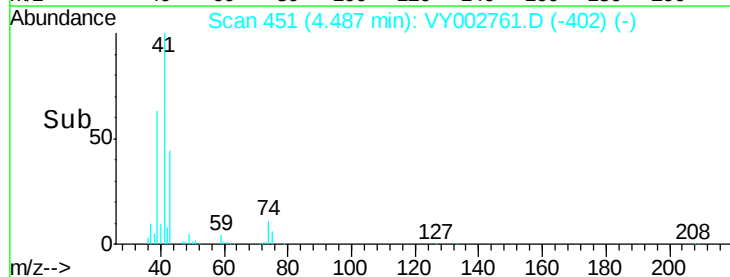
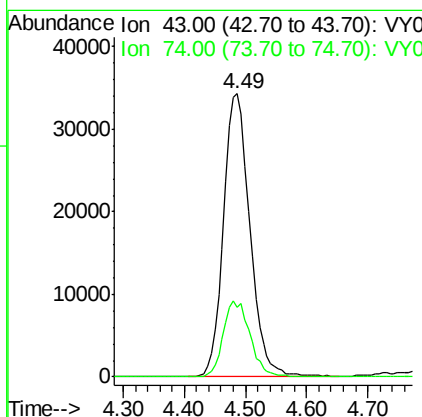
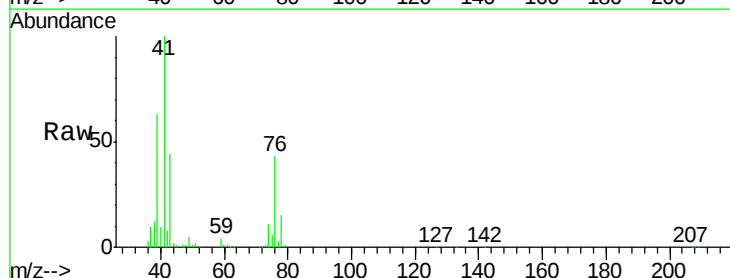
Manual Integrations
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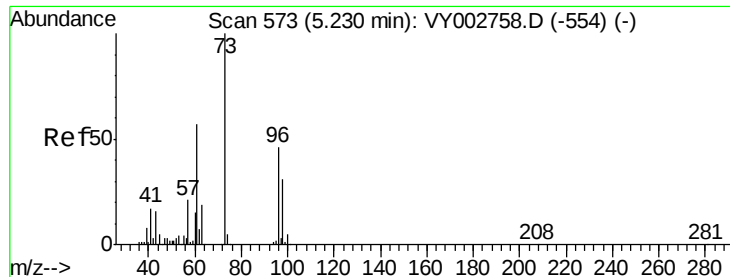
MMDadoda
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#18
Methyl Acetate
Concen: 55.652 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.00 min
Lab File: VY002761.D
Acq: 27 May 2020 13:40

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	102450		
74	27.2		21.4	32.0





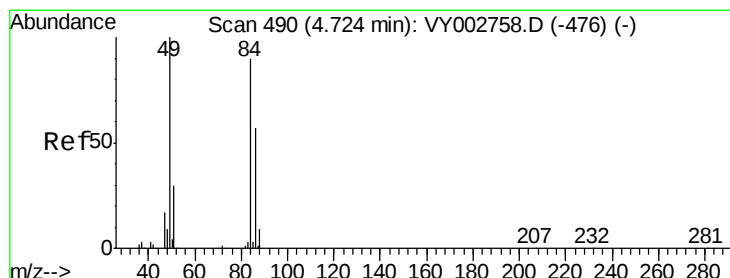
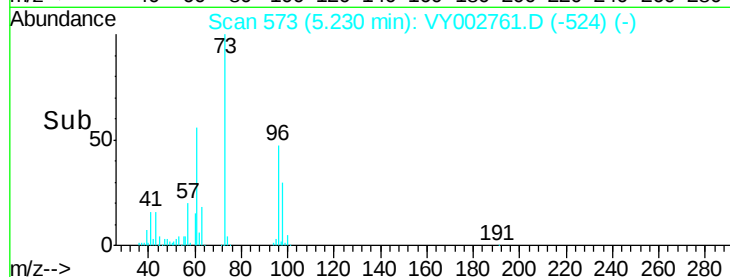
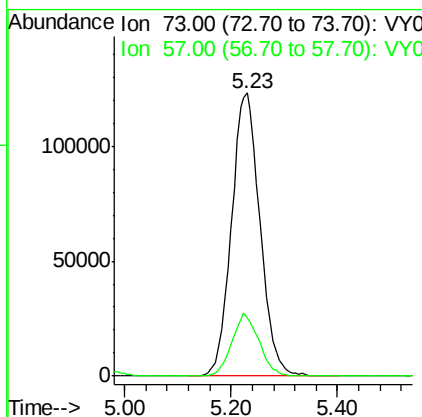
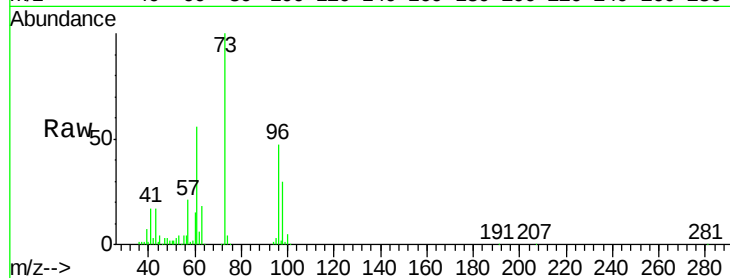
#19
Methvl tert-butvl Ether
Concen: 53.946 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.00 min
Lab File: VY002761.D
Acq: 27 May 2020 13:40

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY052720

Tot Ion: 73 Resp: 457431
Ion Ratio Lower Upper
73 100
57 20.7 17.0 25.4

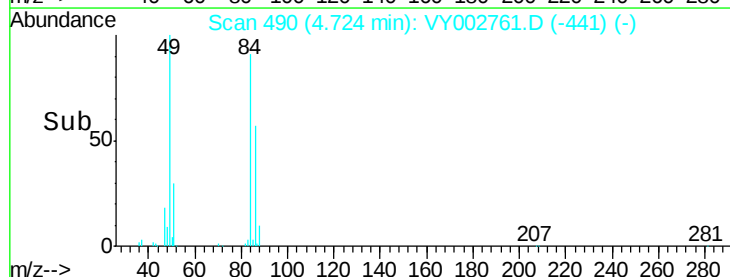
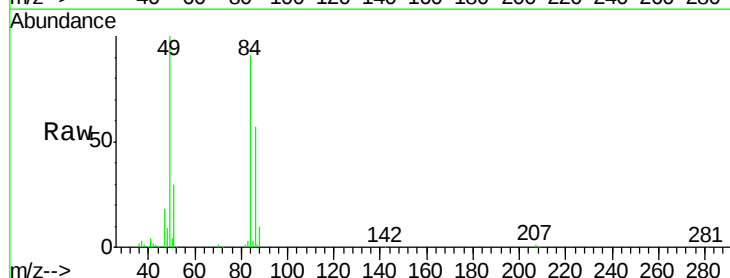
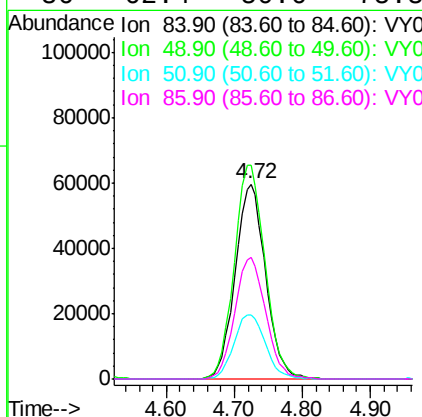
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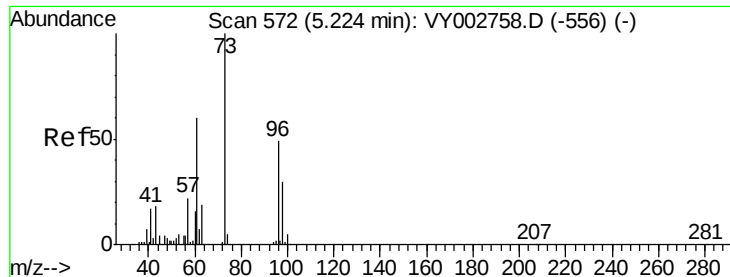
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#20
Methylene Chloride
Concen: 51.546 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.00 min
Lab File: VY002761.D
Acq: 27 May 2020 13:40

Tgt Ion: 84 Resp: 185171
Ion Ratio Lower Upper
84 100
49 109.4 88.5 132.7
51 33.0 26.8 40.2
86 62.4 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 52.787 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.00 min

Lab File: VY002761.D

Acq: 27 May 2020 13:40

Instrument :

MSVOA_Y

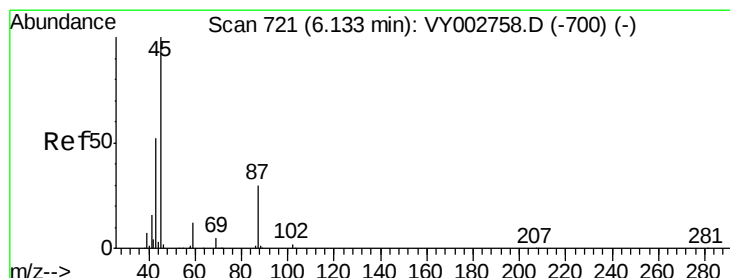
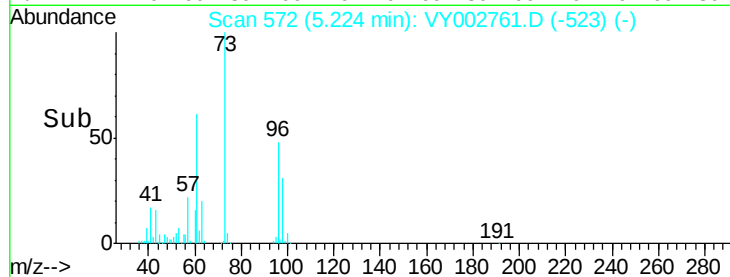
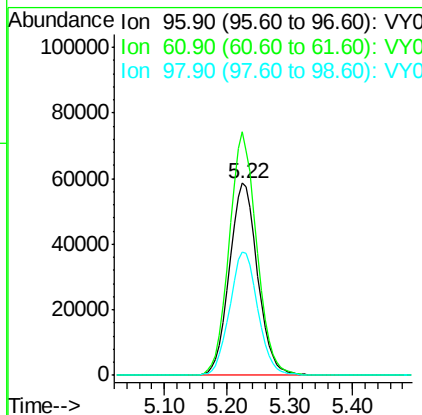
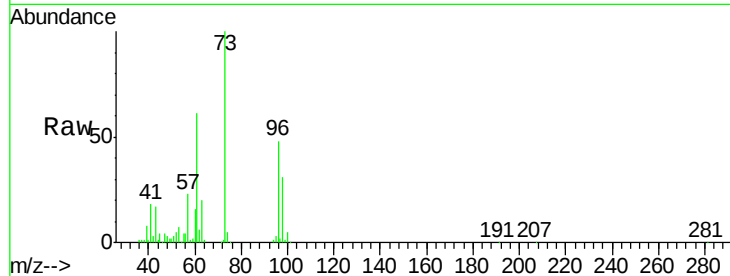
ClientSampleId :

ICVY052720

Tot Ion:	96	Resp:	182336
Ion	Ratio	Lower	Upper
96	100		
61	126.8	96.8	145.2
98	64.4	49.4	74.0

Manual Integrations
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#22

Diisopropyl ether

Concen: 54.494 ug/l

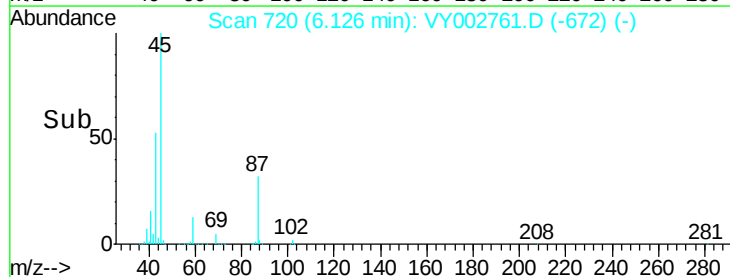
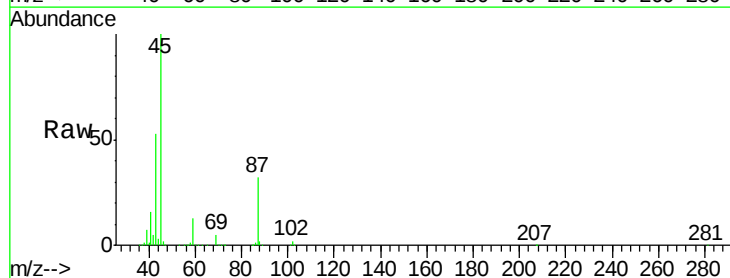
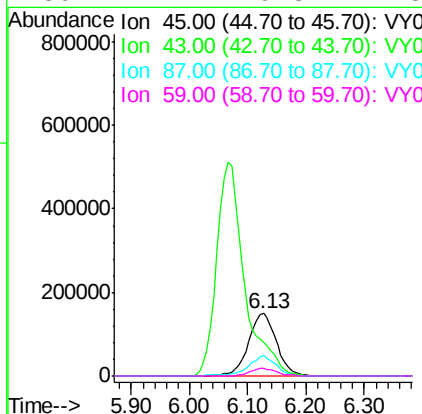
RT: 6.13 min Scan# 720

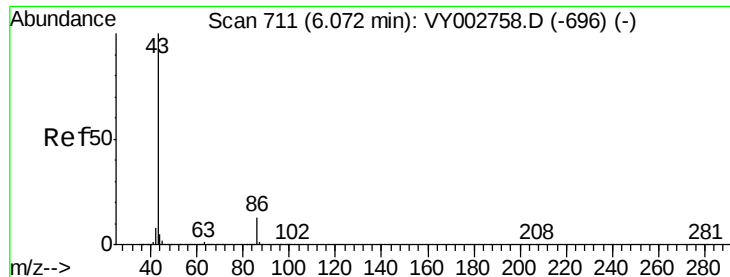
Delta R.T. -0.01 min

Lab File: VY002761.D

Acq: 27 May 2020 13:40

Tgt Ion:	45	Resp:	498855
Ion	Ratio	Lower	Upper
45	100		
43	53.1	41.7	62.5
87	31.8	24.2	36.2
59	12.7	9.8	14.8





#23

Vinyl Acetate

Concen: 281.741 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY002761.D

Acq: 27 May 2020 13:40

Instrument :

MSVOA_Y

ClientSampleId :

ICVY052720

Tot Ion: 43 Resp: 1702819

Ion Ratio Lower Upper

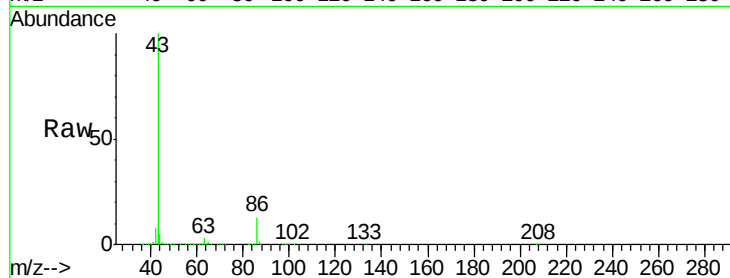
43 100

86 12.7 10.2 15.2

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

600000

500000

400000

300000

200000

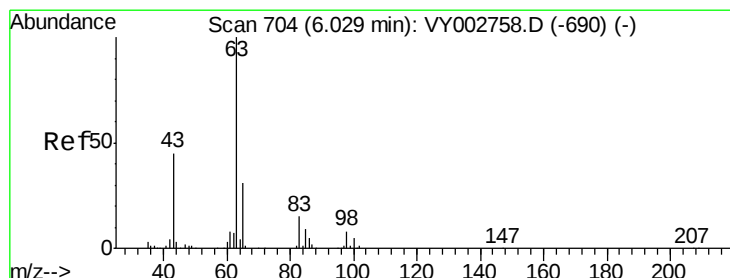
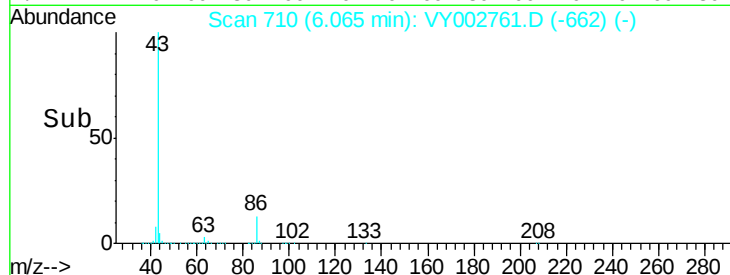
100000

0

6.07

6.00 6.20 6.40

Time-->



#24

1,1-Dichloroethane

Concen: 54.433 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY002761.D

Acq: 27 May 2020 13:40

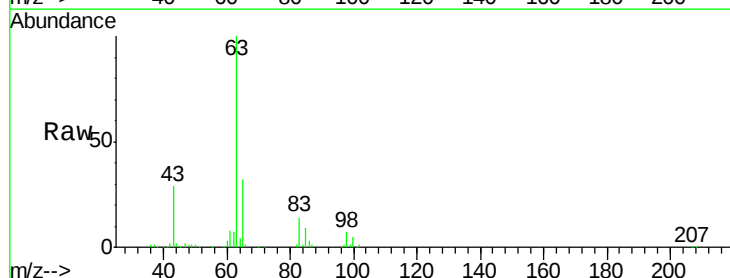
Tgt Ion: 63 Resp: 291492

Ion Ratio Lower Upper

63 100

98 7.4 4.0 12.2

100 4.8 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

120000

100000

80000

60000

40000

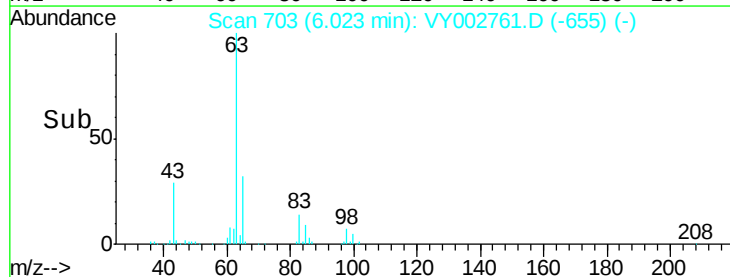
20000

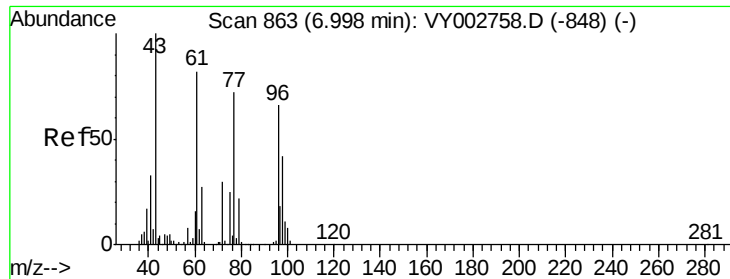
0

6.02

5.90 6.00 6.10 6.20

Time-->





#25

2-Butanone

Concen: 280.956 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY002761.D

Acq: 27 May 2020 13:40

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY052720

Tot Ion: 43 Resp: 321773

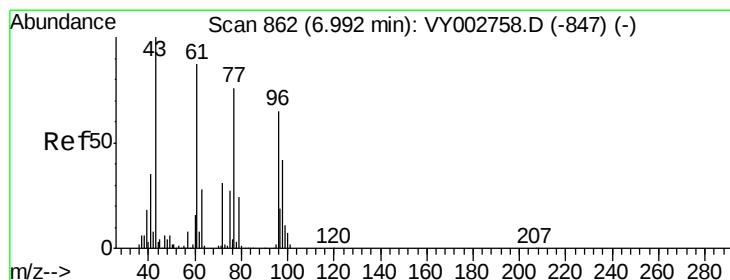
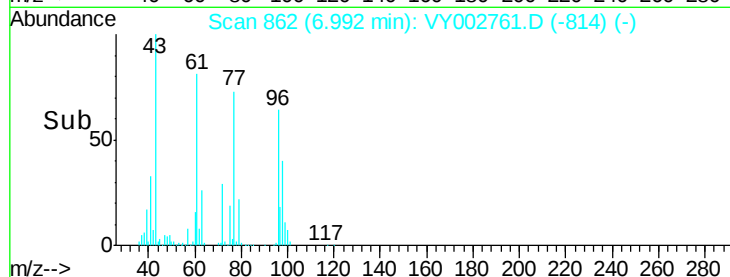
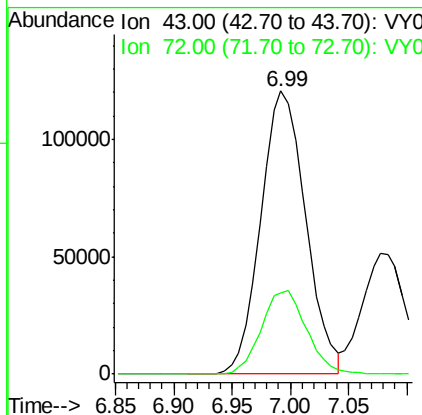
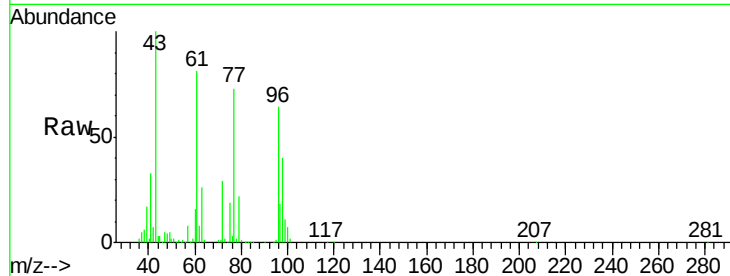
Ion Ratio Lower Upper

43 100

72 28.9 23.9 35.9

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 52.320 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY002761.D

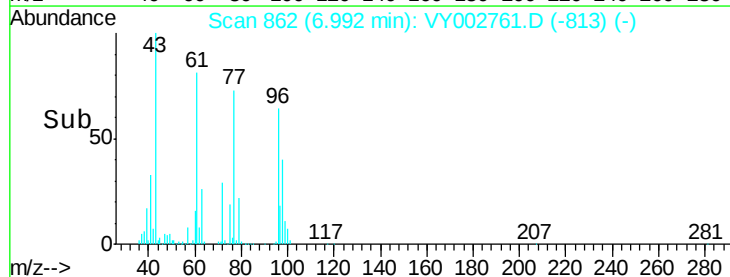
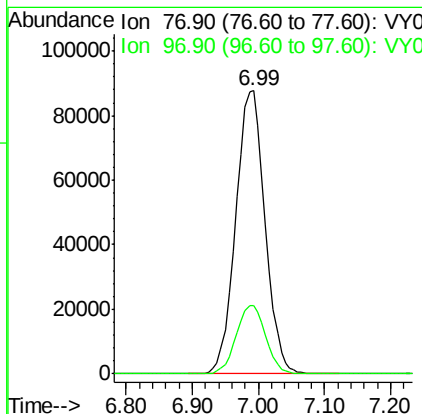
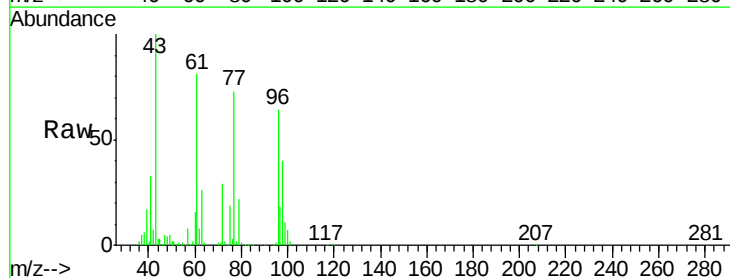
Acq: 27 May 2020 13:40

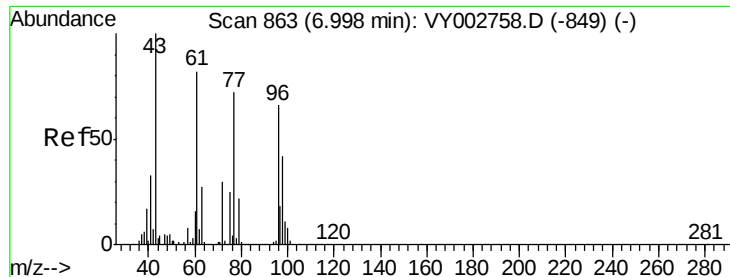
Tgt Ion: 77 Resp: 268707

Ion Ratio Lower Upper

77 100

97 24.4 12.2 36.6





#27

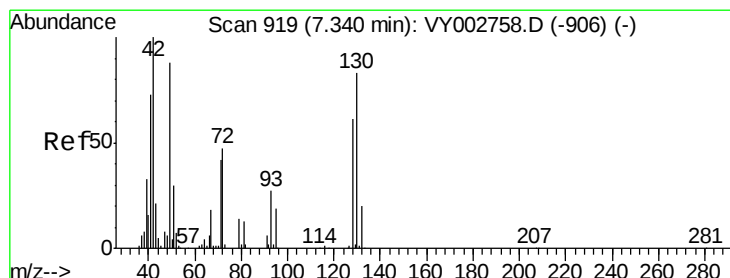
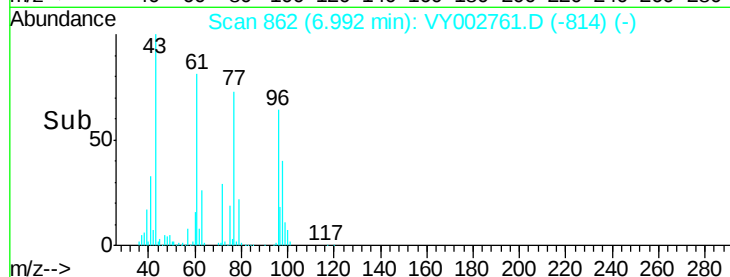
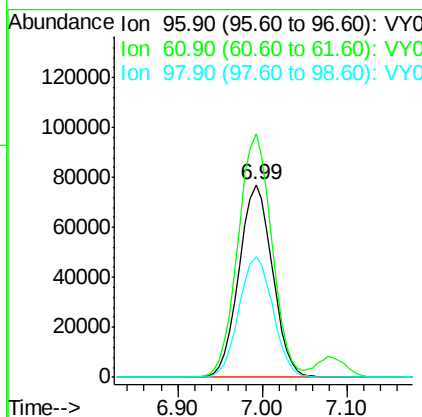
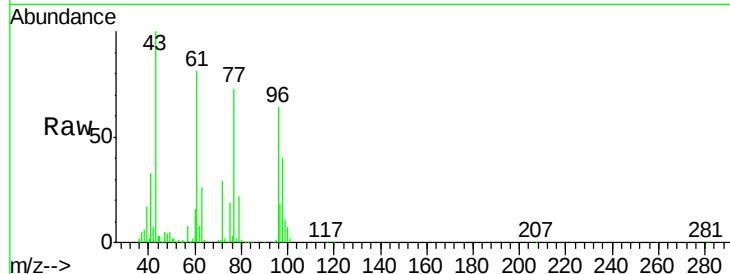
cis-1,2-Dichloroethene
 Concen: 53.600 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VY002761.D
 Acq: 27 May 2020 13:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY052720

Tot Ion	Ratio	Resp	Lower	Upper
96	100	207265		
61	127.7		0.0	260.2
98	63.6		0.0	128.2

Manual Integrations
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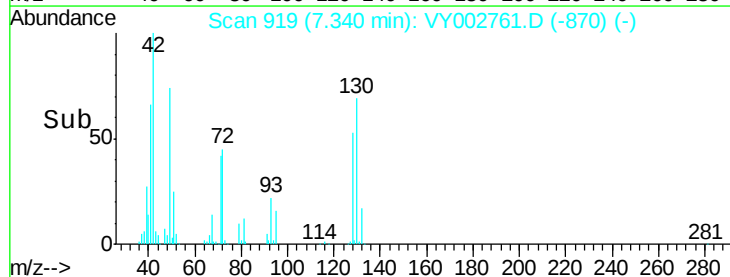
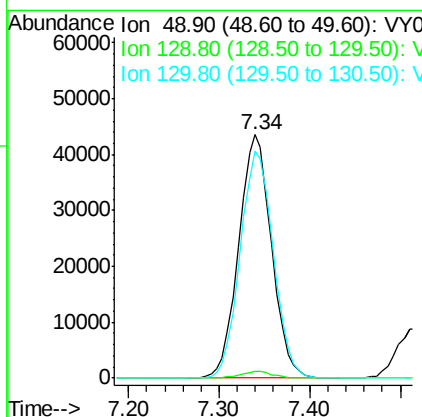
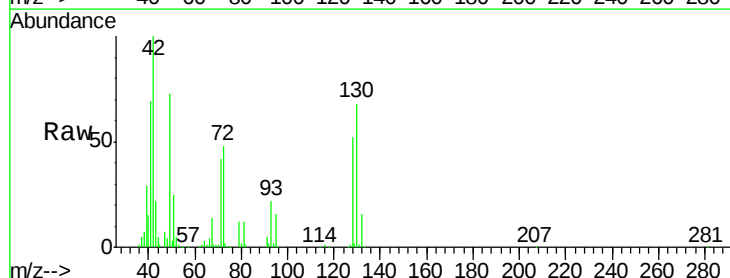
MMDadoda
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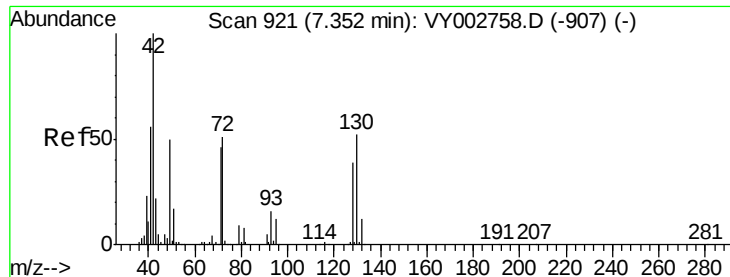


#28

Bromochloromethane
 Concen: 49.565 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: VY002761.D
 Acq: 27 May 2020 13:40

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	108961		
129	2.5		0.0	5.2
130	94.5		77.1	115.7





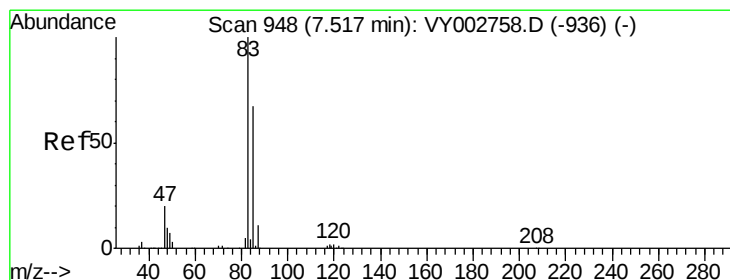
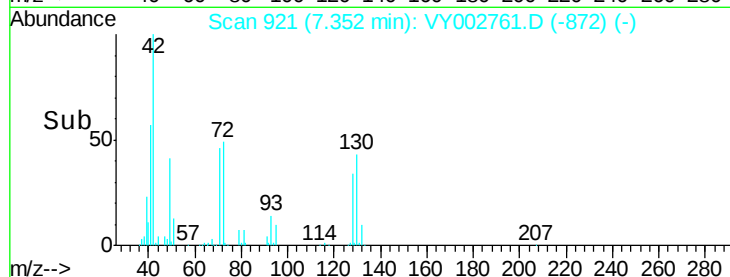
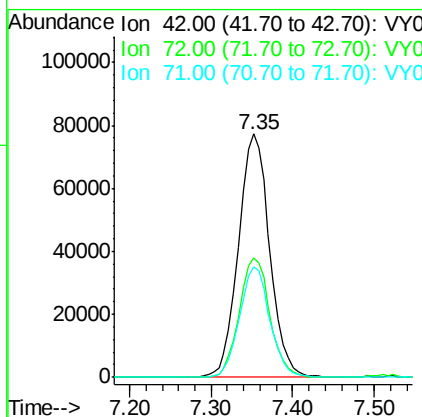
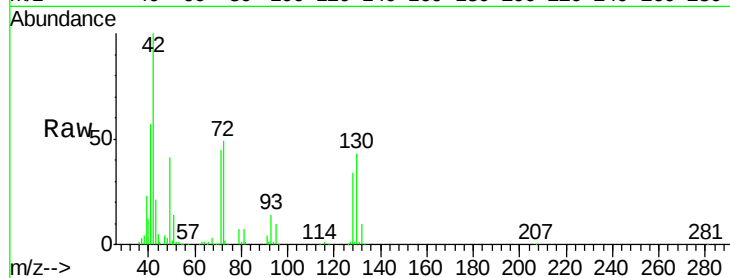
#29
Tetrahydrofuran
Concen: 275.057 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.00 min
Lab File: VY002761.D
Acq: 27 May 2020 13:40

Instrument :
MSVOA_Y
ClientSampleId :
ICVY052720

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.2	38.6	58.0
71	44.3	35.8	53.8

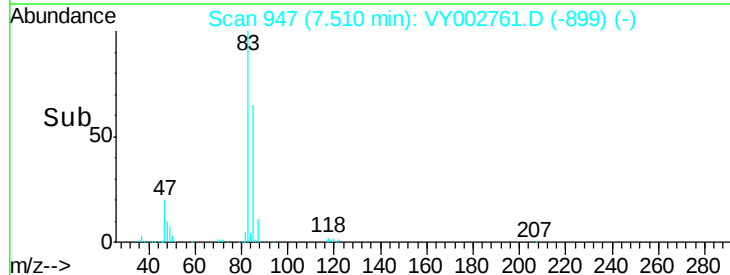
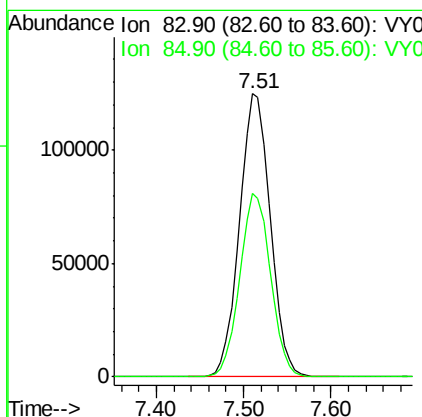
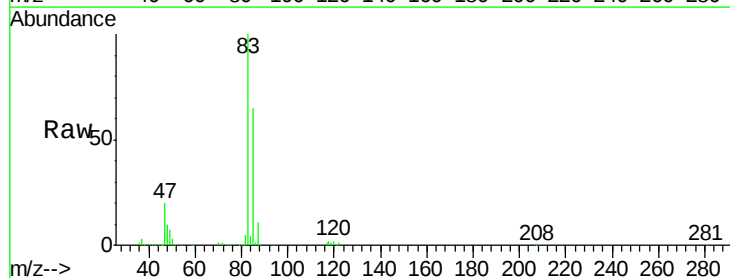
Manual Integrations
APPROVED

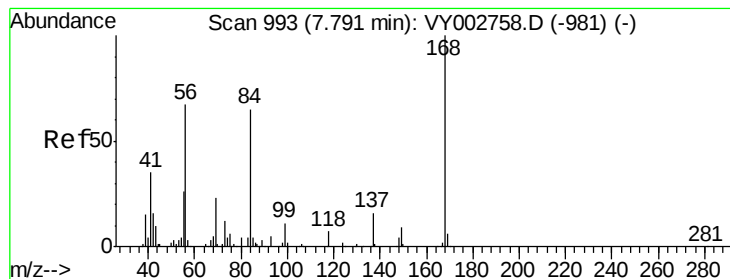
MMDadoda
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#30
Chloroform
Concen: 53.761 ug/l
RT: 7.51 min Scan# 947
Delta R.T. -0.01 min
Lab File: VY002761.D
Acq: 27 May 2020 13:40

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.7	53.8	80.8





#31

Cyclohexane

Concen: 51.503 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.00 min

Lab File: VY002761.D

Acq: 27 May 2020 13:40

Instrument :

MSVOA_Y

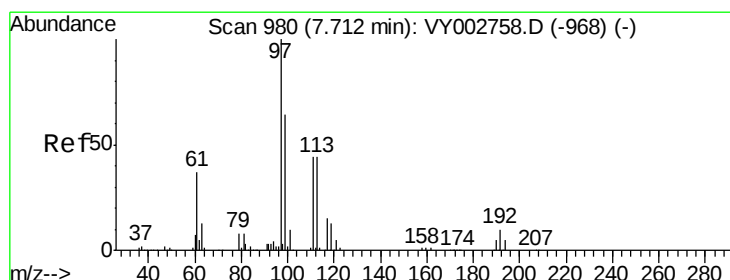
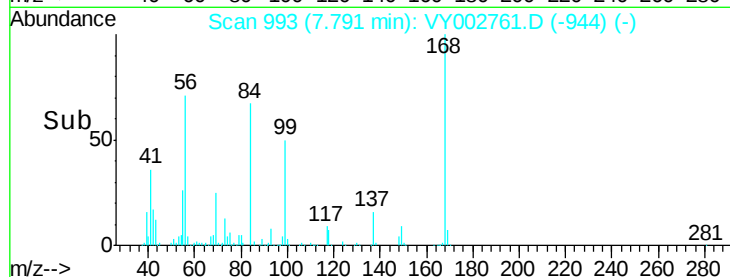
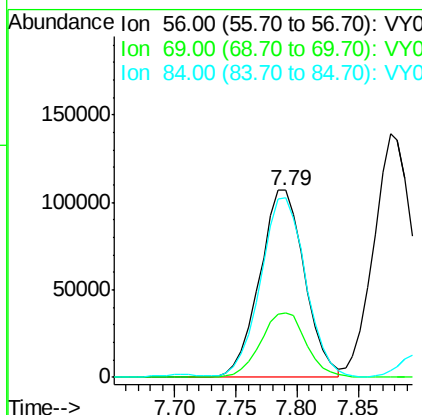
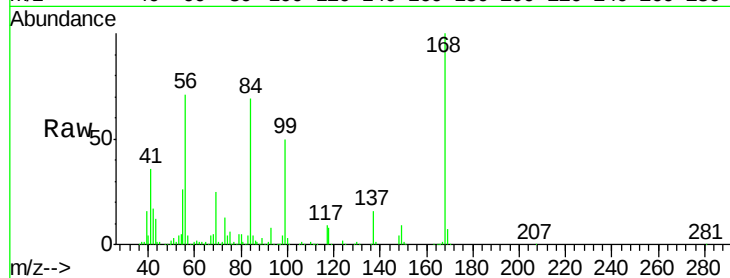
ClientSampleId :

ICVY052720

Tot Ion:	56	Resp:	273835
Ion	Ratio	Lower	Upper
56	100		
69	34.6	28.0	42.0
84	94.8	77.7	116.5

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 53.268 ug/l

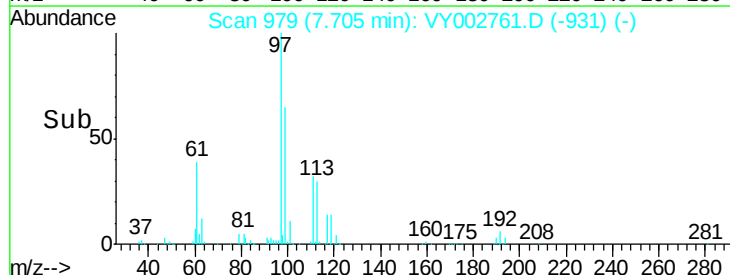
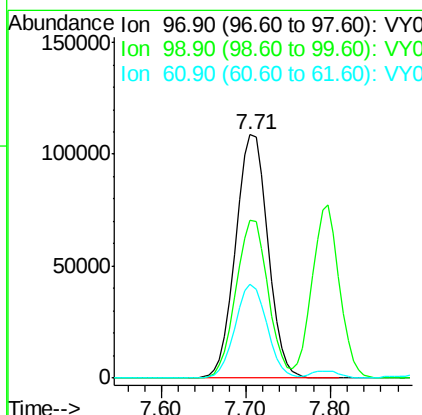
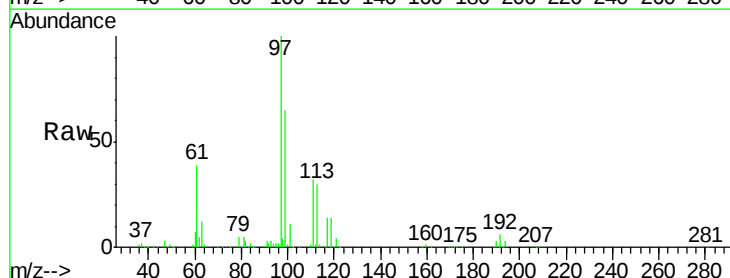
RT: 7.71 min Scan# 979

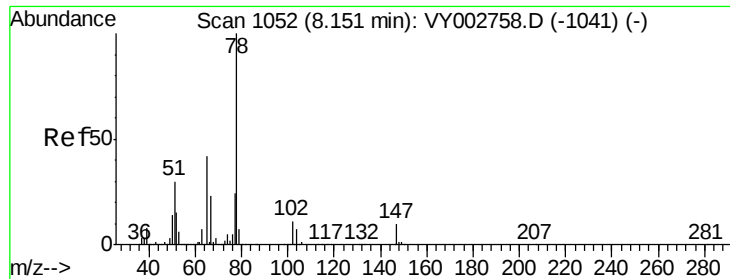
Delta R.T. -0.01 min

Lab File: VY002761.D

Acq: 27 May 2020 13:40

Tgt Ion:	97	Resp:	282065
Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.4	77.0
61	37.9	30.1	45.1





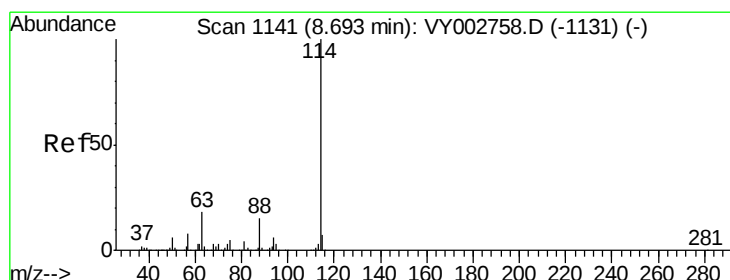
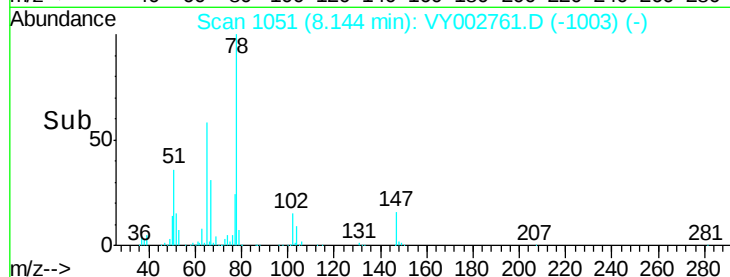
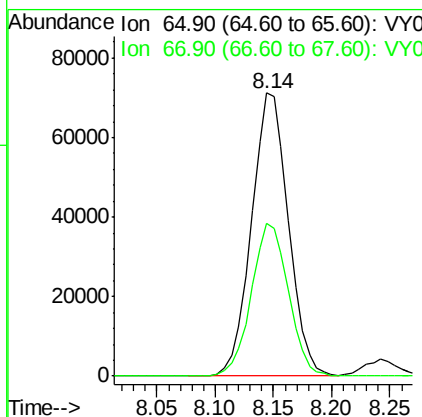
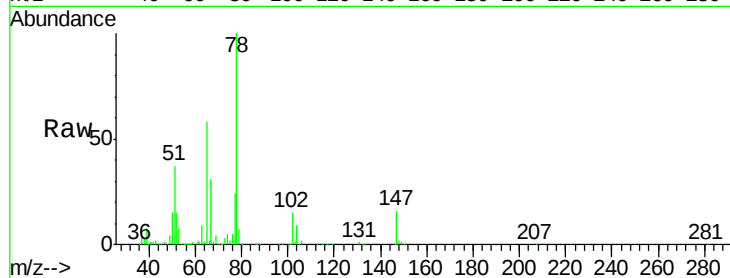
#33
 1,2-Dichloroethane-d4
 Concen: 49.882 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: VY002761.D
 Acq: 27 May 2020 13:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY052720

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	54.3	0.0	111.0	

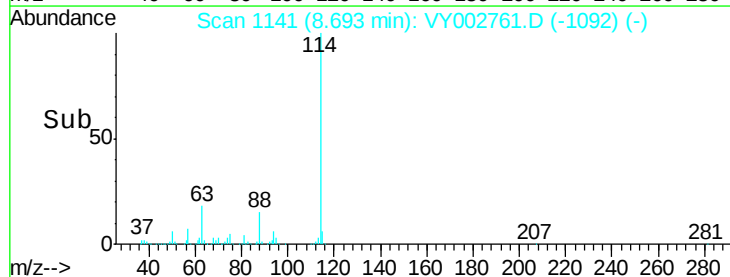
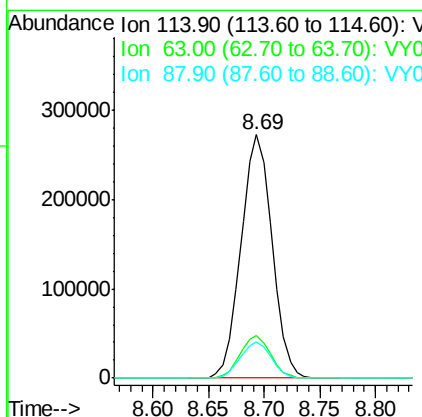
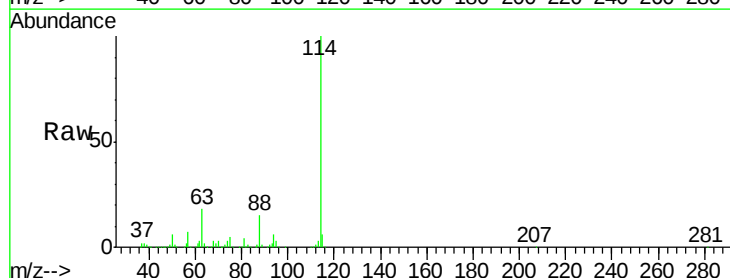
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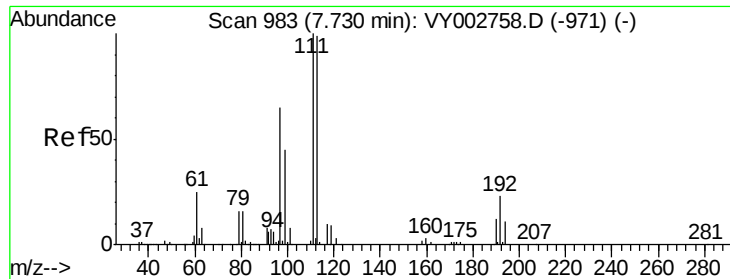
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY002761.D
 Acq: 27 May 2020 13:40

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	17.6	0.0	35.2	
88	14.7	0.0	29.2	





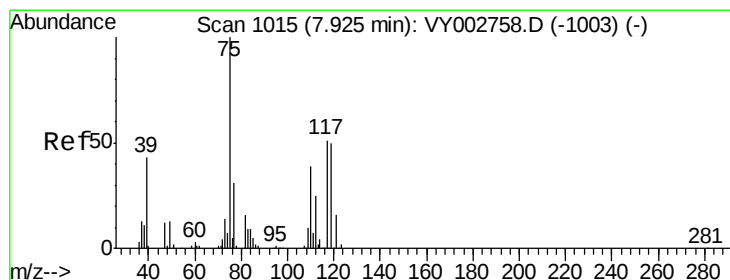
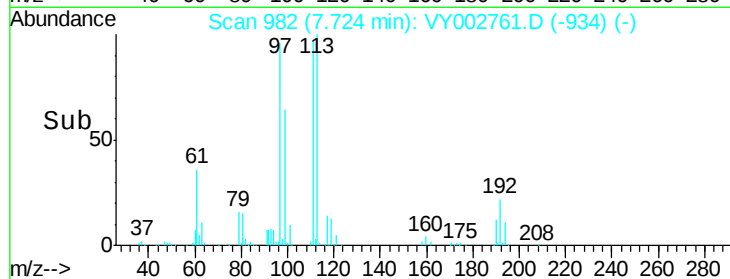
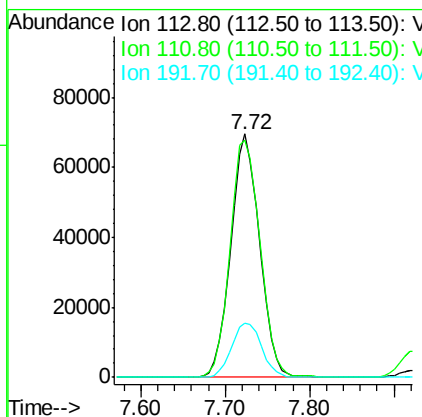
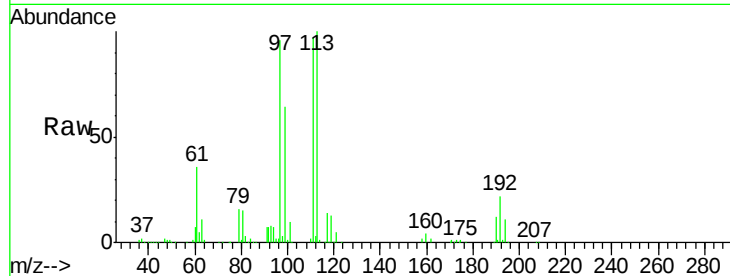
#35
 Dibromofluoromethane
 Concen: 51.752 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002761.D
 Acq: 27 May 2020 13:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY052720

Tot Ion	Ratio	Resp	Lower	Upper
113	100	160384		
111	102.0	82.0	123.0	
192	23.3	18.9	28.3	

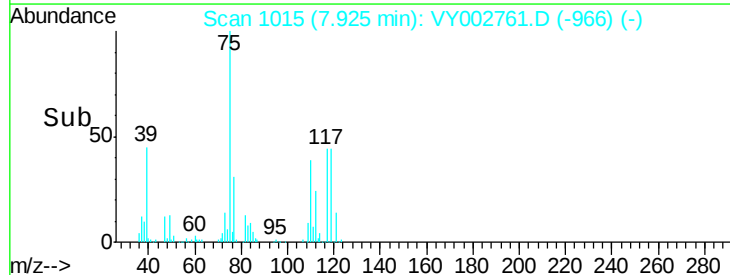
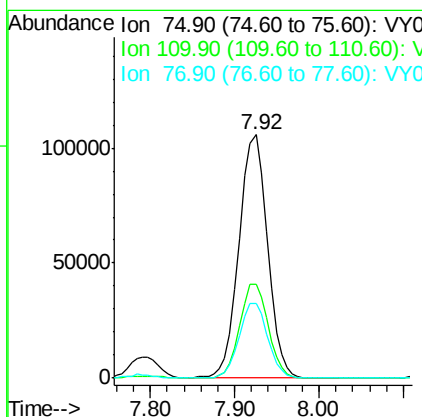
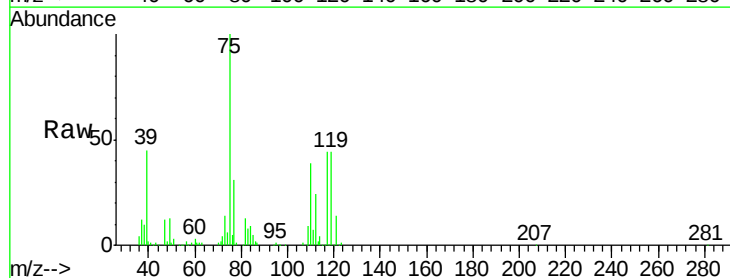
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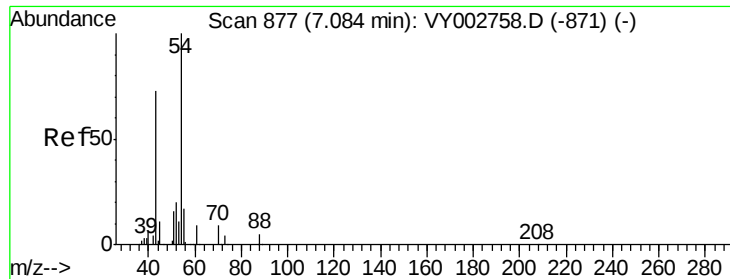
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#36
 1,1-Dichloropropene
 Concen: 54.288 ug/l
 RT: 7.92 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: VY002761.D
 Acq: 27 May 2020 13:40

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	241829		
110	38.6	19.3	57.9	
77	30.8	24.8	37.2	





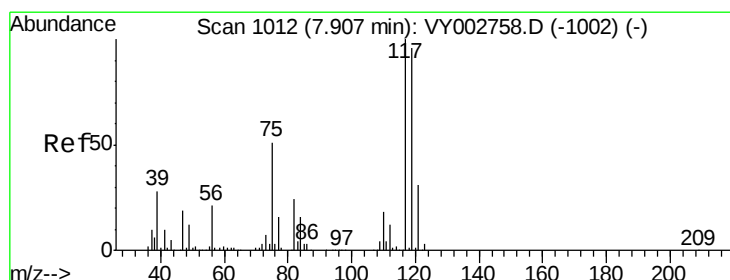
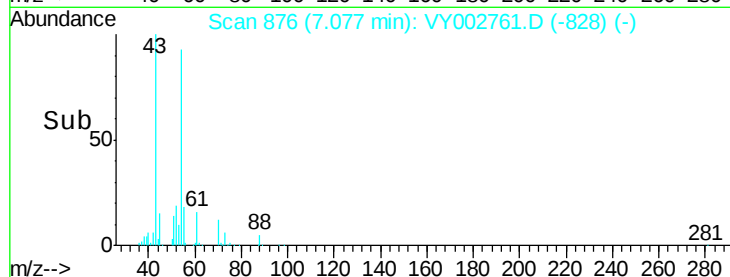
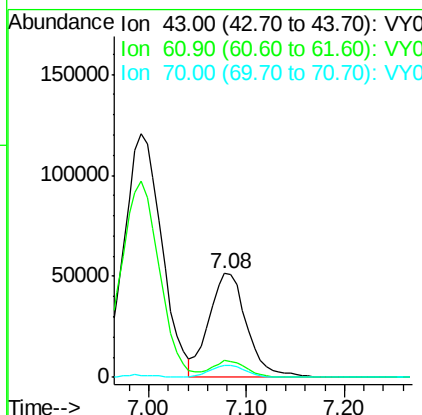
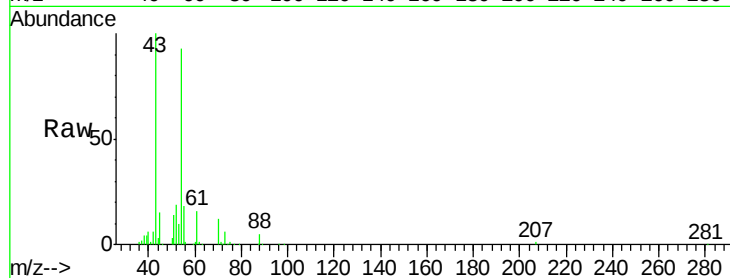
#37
Ethyl Acetate
Concen: 56.656 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY002761.D
Acq: 27 May 2020 13:40

Instrument :
MSVOA_Y
ClientSampleId :
ICVY052720

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.3	11.9	17.9
70	11.2	9.1	13.7

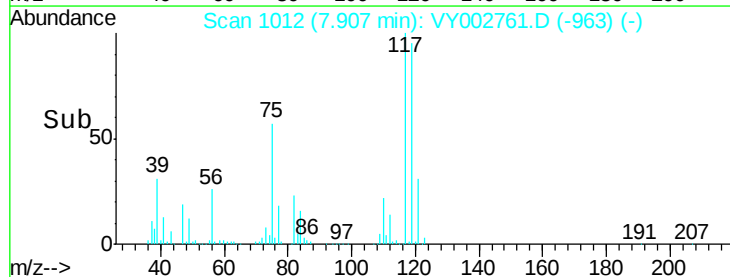
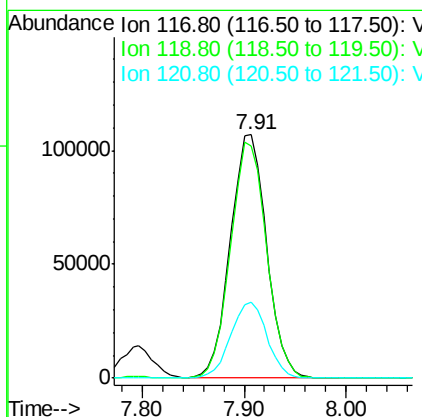
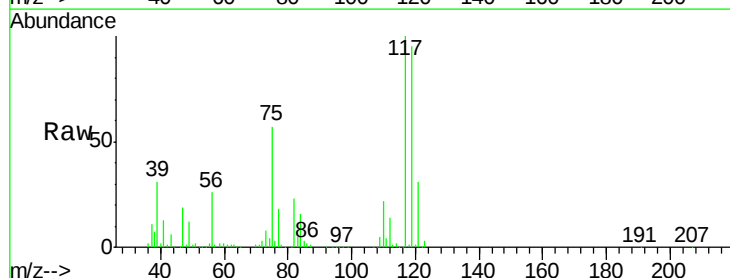
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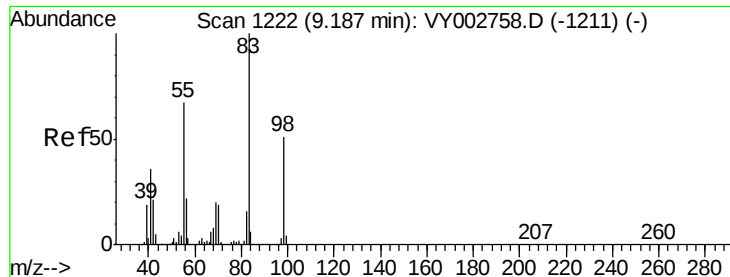
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#38
Carbon Tetrachloride
Concen: 53.174 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VY002761.D
Acq: 27 May 2020 13:40

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.1	76.8	115.2
121	31.2	24.8	37.2





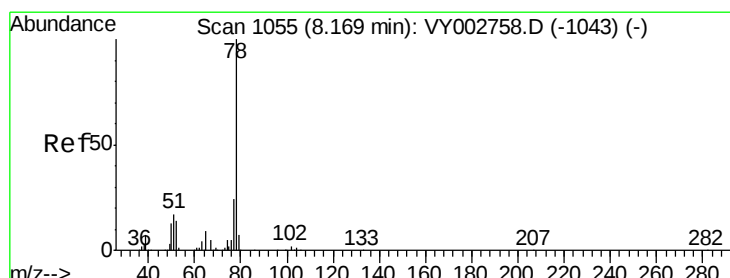
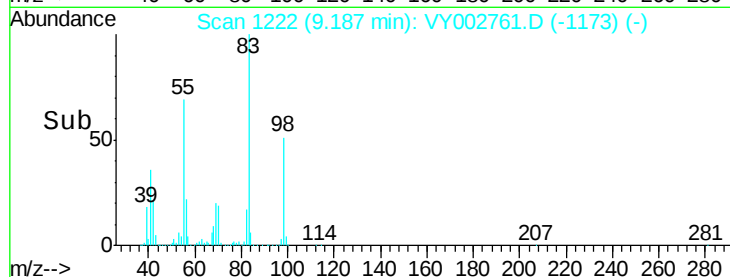
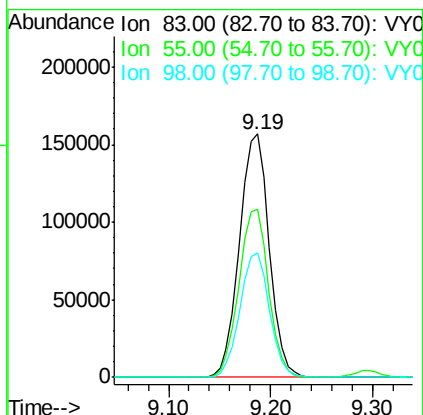
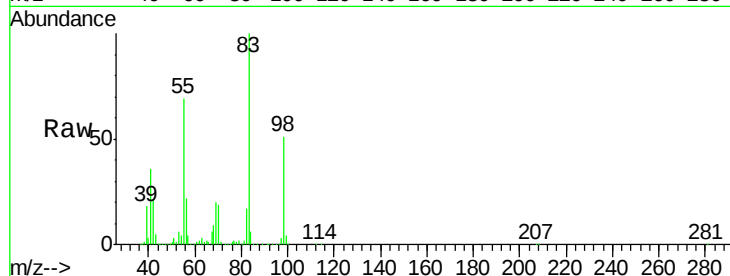
#39
Methvlcvclohexane
Concen: 54.080 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY002761.D
Acq: 27 May 2020 13:40

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY052720

Tot Ion	Ratio	Lower	Upper
83	100		
55	68.8	53.3	79.9
98	51.1	41.1	61.7

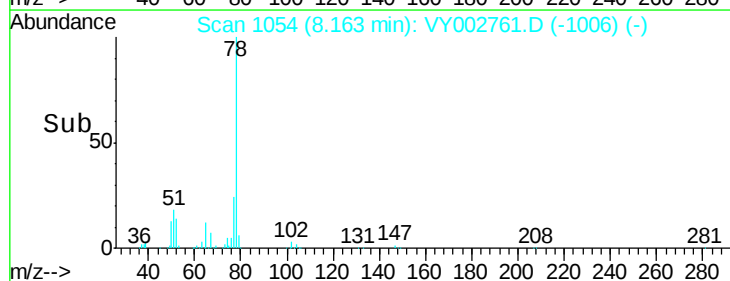
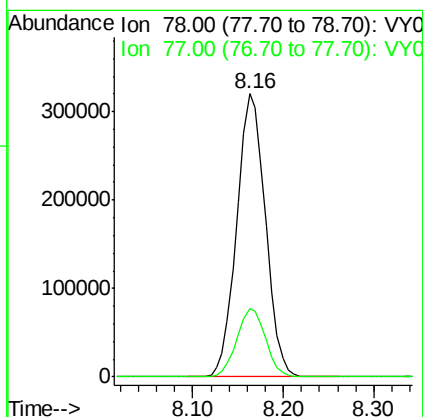
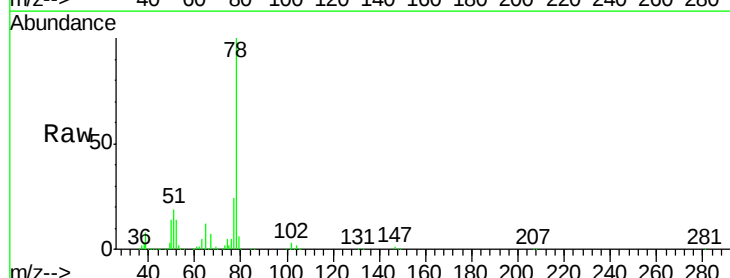
Manual Integrations
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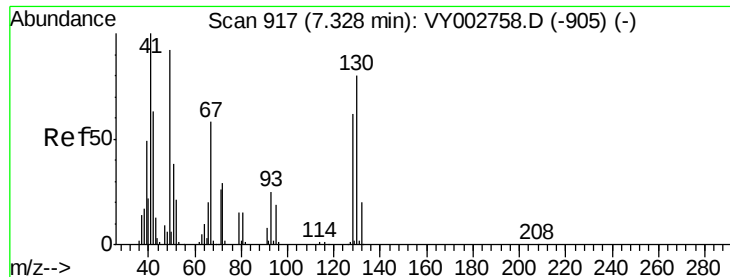
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#40
Benzene
Concen: 53.365 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY002761.D
Acq: 27 May 2020 13:40

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	18.8	28.2





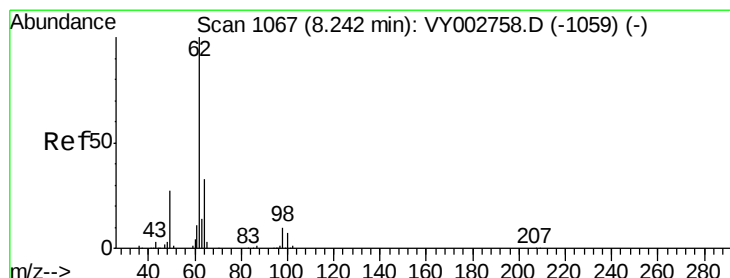
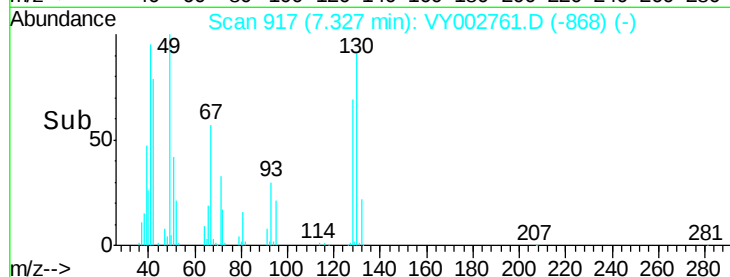
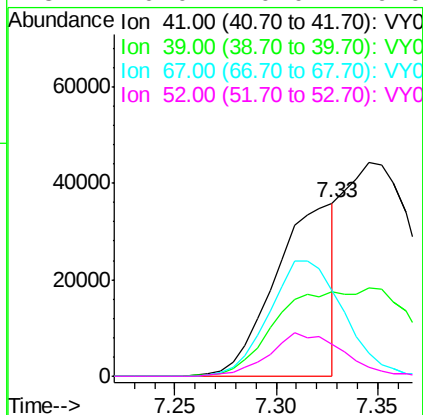
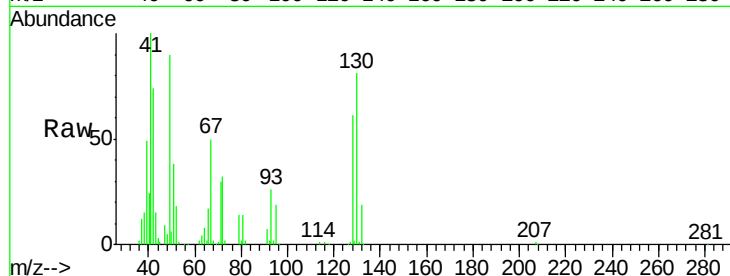
#41
Methacrylonitrile
Concen: 56.269 ug/l m
RT: 7.33 min Scan# 917
Delta R.T. -0.00 min
Lab File: VY002761.D
Acq: 27 May 2020 13:40

Instrument :
MSVOA_Y
ClientSampleId :
ICVY052720

Tot Ion	Ratio	Lower	Upper
41	100		
39	112.9	97.6	146.4
67	0.0	0.0	0.0
52	0.0	0.0	0.0

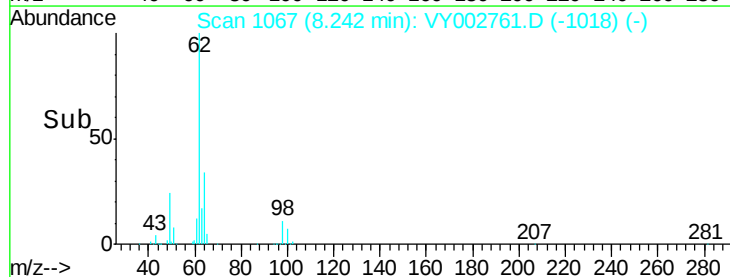
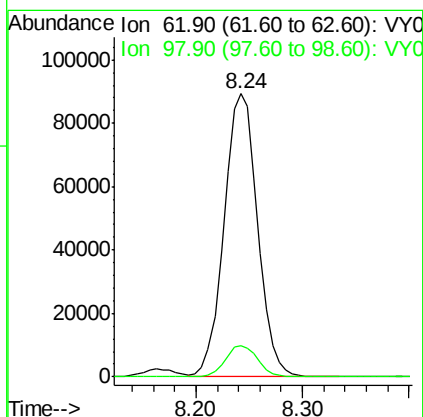
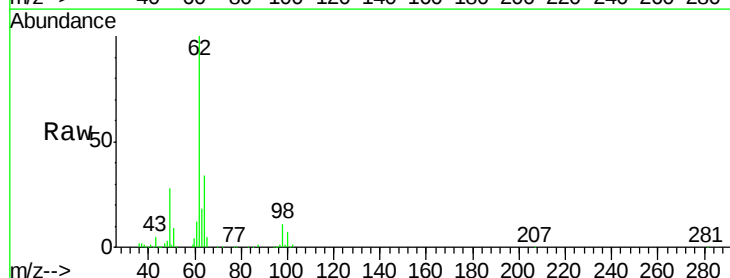
Manual Integrations
APPROVED

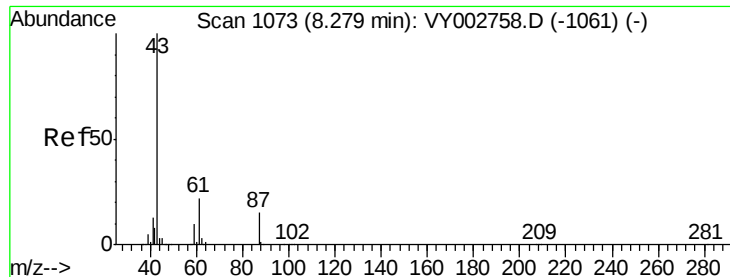
MMDadoda
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#42
1,2-Dichloroethane
Concen: 53.248 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VY002761.D
Acq: 27 May 2020 13:40

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	22.6





#43

Isopropyl Acetate

Concen: 55.685 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.00 min

Lab File: VY002761.D

Acq: 27 May 2020 13:40

Instrument :

MSVOA_Y

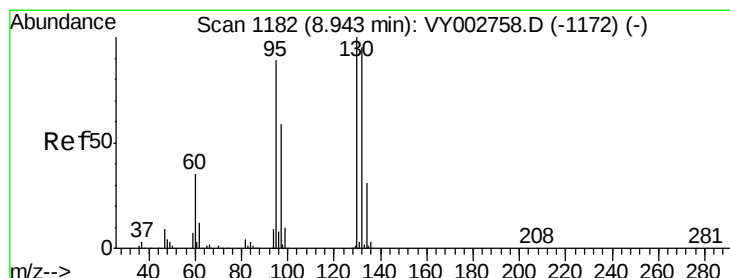
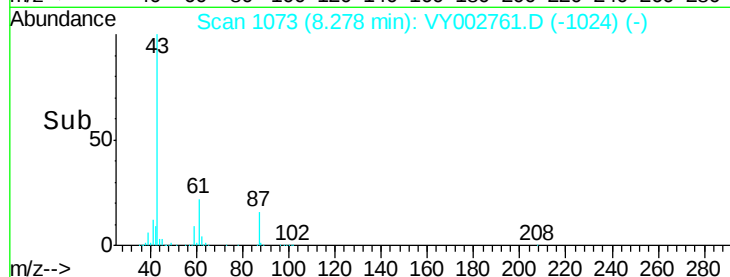
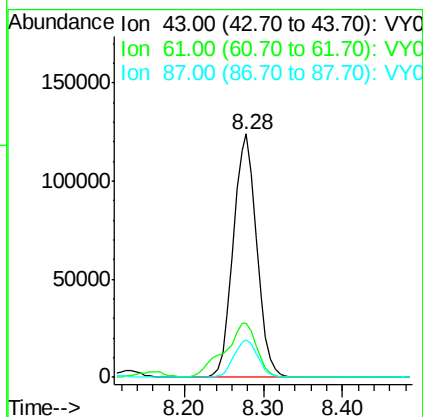
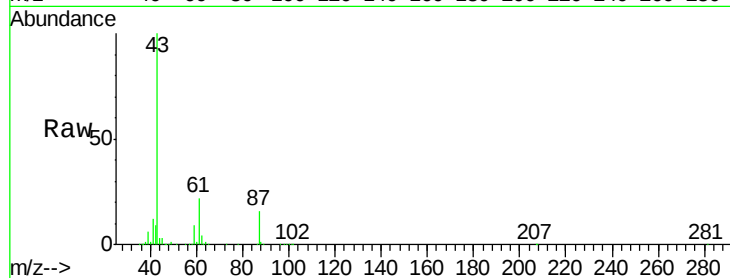
ClientSampleId :

ICVY052720

Tot Ion:	43	Resp:	255747
Ion	Ratio	Lower	Upper
43	100		
61	30.7	24.8	37.2
87	15.6	12.4	18.6

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#44

Trichloroethene

Concen: 52.798 ug/l

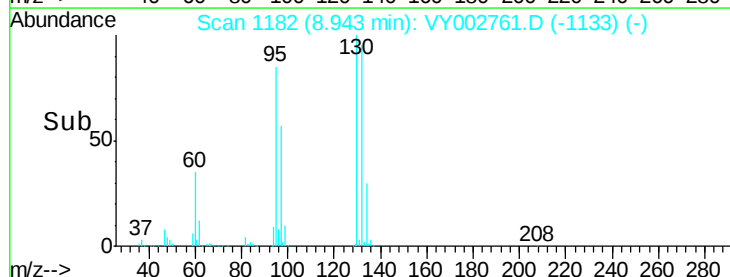
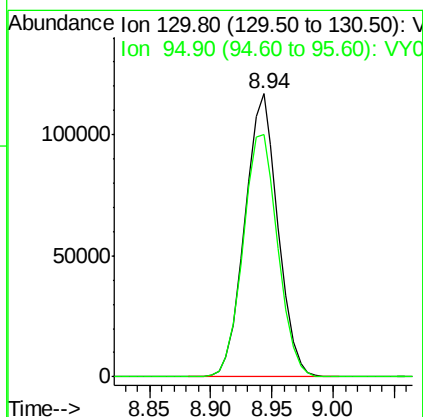
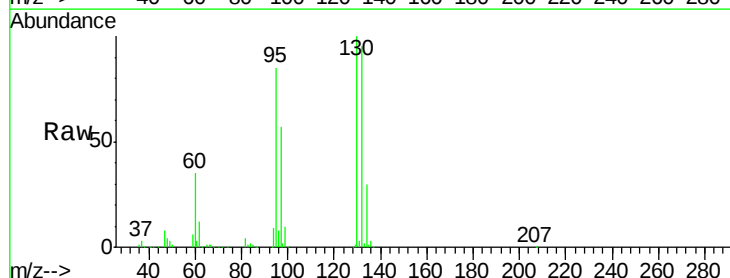
RT: 8.94 min Scan# 1182

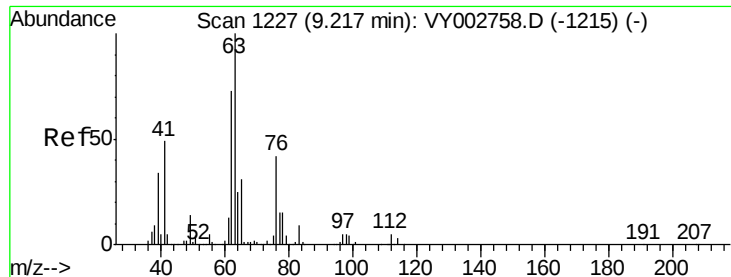
Delta R.T. -0.00 min

Lab File: VY002761.D

Acq: 27 May 2020 13:40

Tgt Ion:	130	Resp:	219514
Ion	Ratio	Lower	Upper
130	100		
95	85.5	0.0	178.8





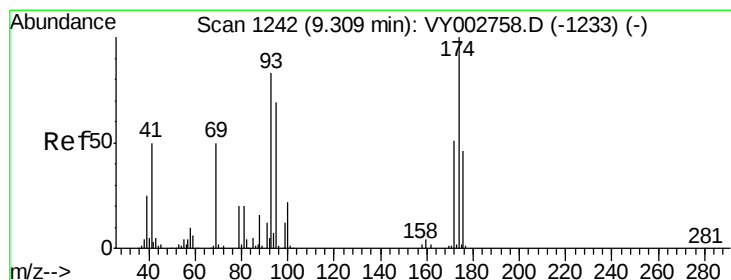
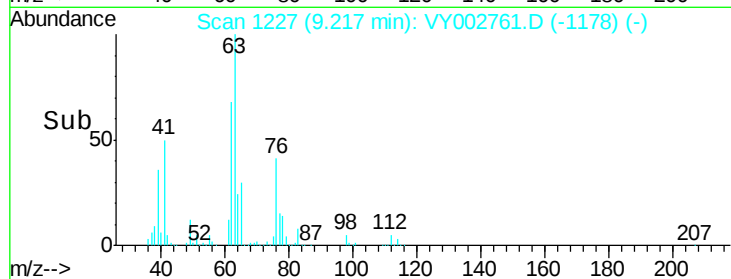
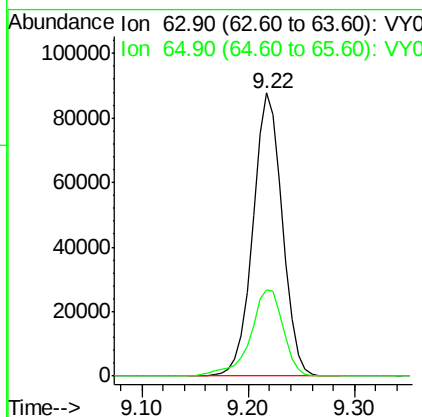
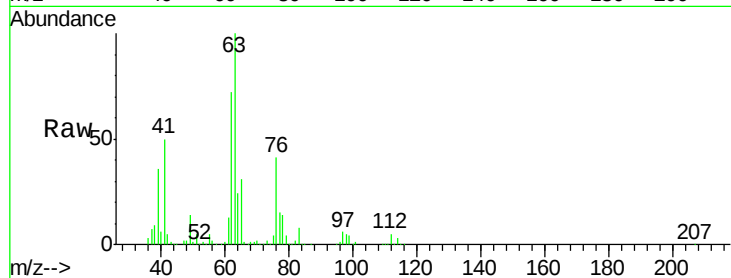
#45
 1,2-Dichloropropane
 Concen: 53.898 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: VY002761.D
 Acq: 27 May 2020 13:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY052720

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.7	24.8	37.2

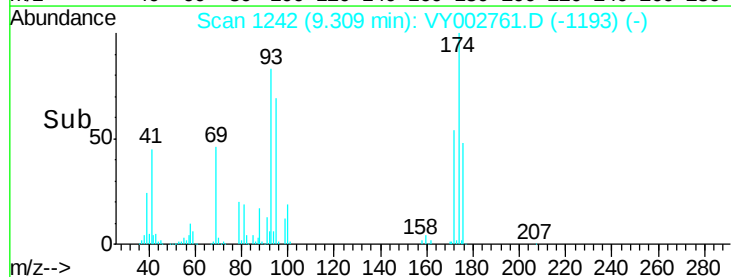
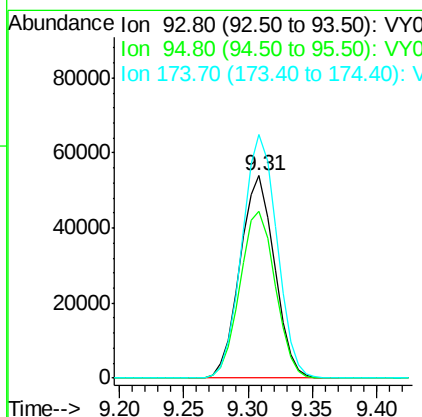
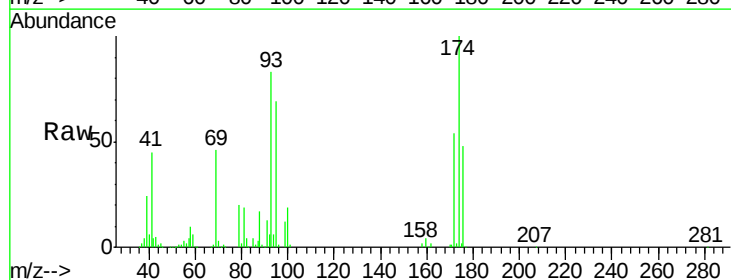
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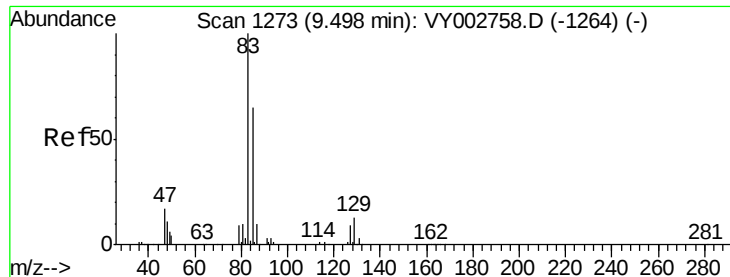
MMDadoda
 5/28/2020 2:08:46 PM



#46
 Dibromomethane
 Concen: 53.567 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY002761.D
 Acq: 27 May 2020 13:40

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.3	66.9	100.3
174	121.2	97.7	146.5





#47

Bromodichloromethane

Concen: 54.822 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY002761.D

Acq: 27 May 2020 13:40

Instrument :

MSVOA_Y

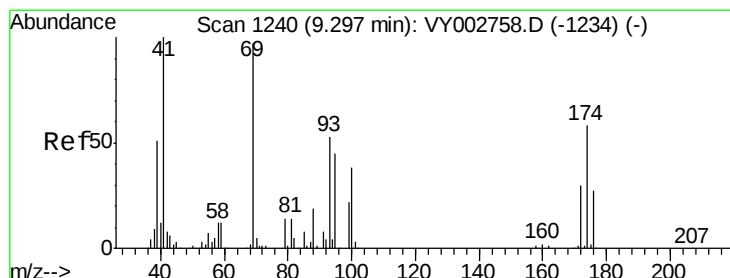
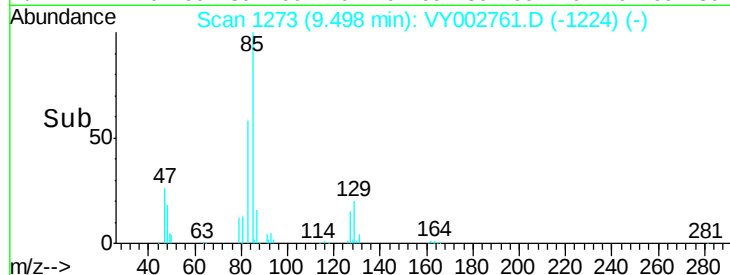
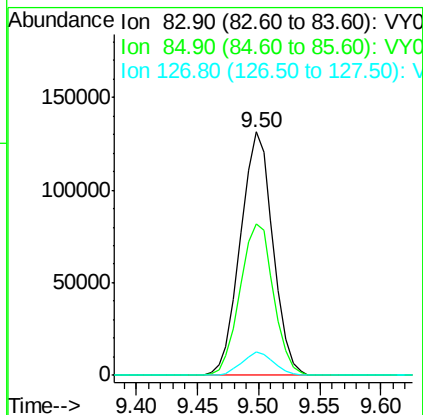
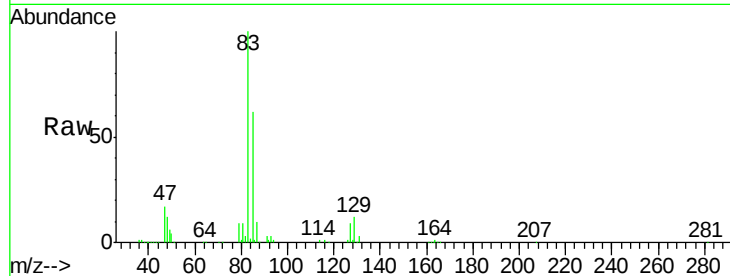
ClientSampleId :

ICVY052720

Tot Ion:	83	Resp:	242275
Ion	Ratio	Lower	Upper
83	100		
85	62.2	51.9	77.9
127	9.4	7.1	10.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 55.278 ug/l

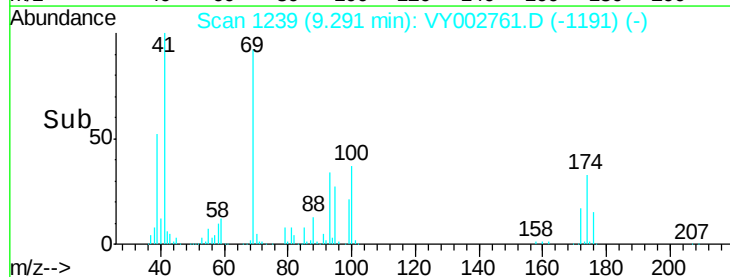
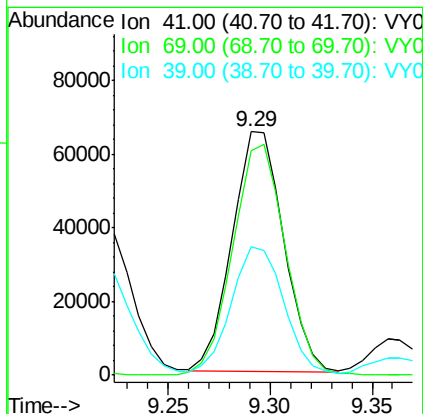
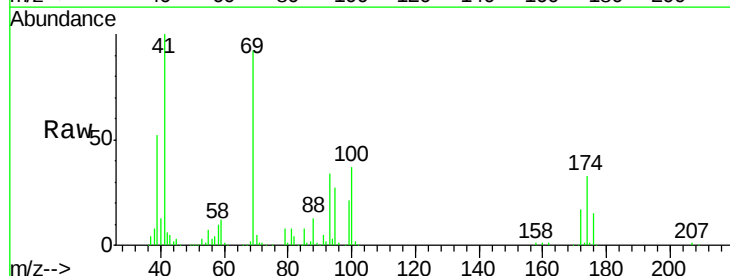
RT: 9.29 min Scan# 1239

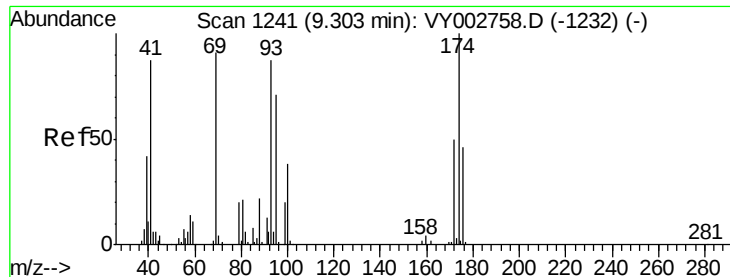
Delta R.T. -0.01 min

Lab File: VY002761.D

Acq: 27 May 2020 13:40

Tgt Ion:	41	Resp:	114609
Ion	Ratio	Lower	Upper
41	100		
69	98.1	79.7	119.5
39	55.0	43.3	64.9





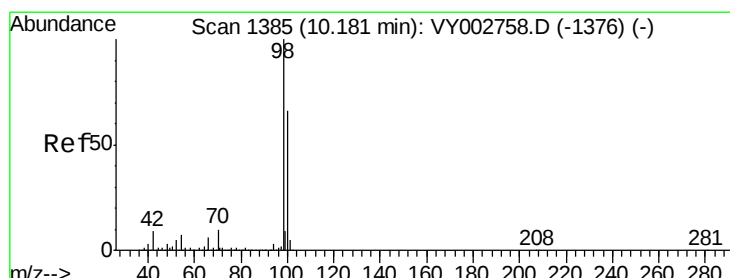
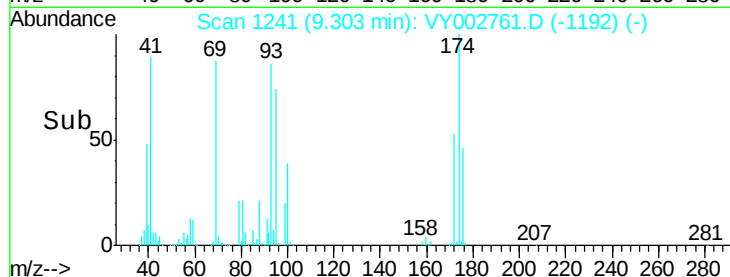
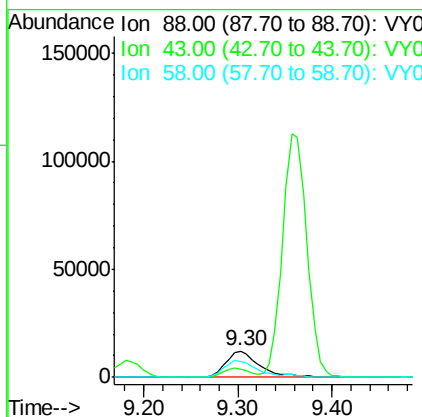
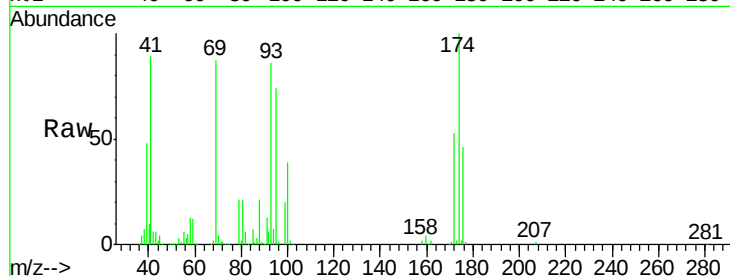
#49
1,4-Dioxane
Concen: 1055.532 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VY002761.D
Acq: 27 May 2020 13:40

Instrument :
MSVOA_Y
ClientSampleId :
ICVY052720

Tot Ion	88	Resp	30382
Ion	Ratio	Lower	Upper
88	100		
43	27.2	21.3	31.9
58	60.3	52.2	78.2

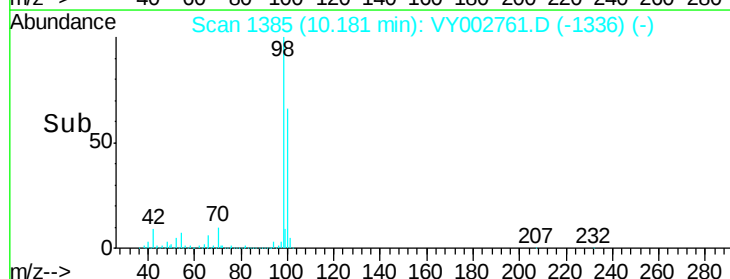
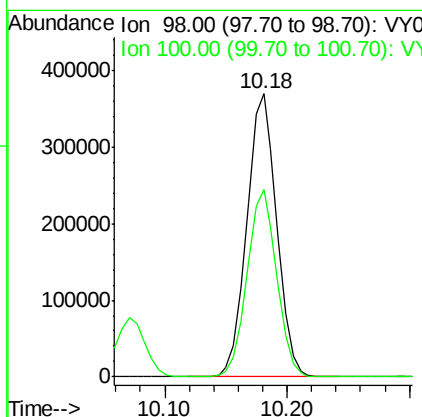
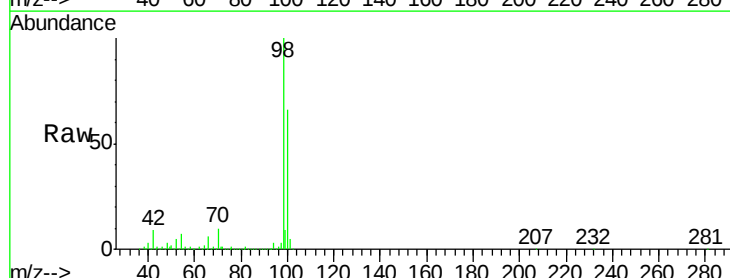
Manual Integrations
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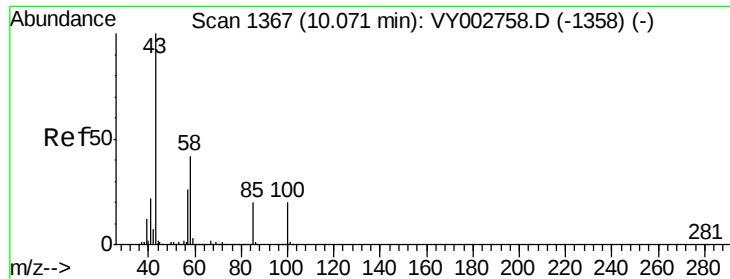
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#50
Toluene-d8
Concen: 49.920 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY002761.D
Acq: 27 May 2020 13:40

Tgt Ion	98	Resp	625514
Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 279.743 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VY002761.D

Acq: 27 May 2020 13:40

Instrument :

MSVOA_Y

ClientSampleId :

ICVY052720

Tot Ion: 43 Resp: 680332

Ion Ratio Lower Upper

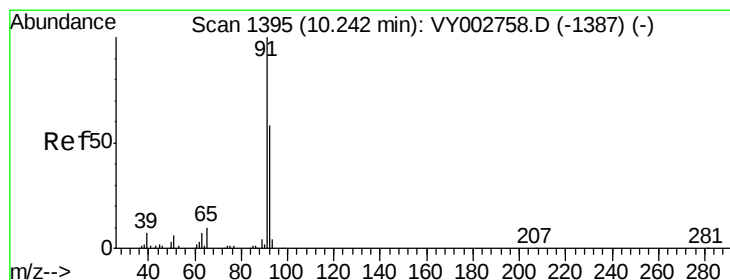
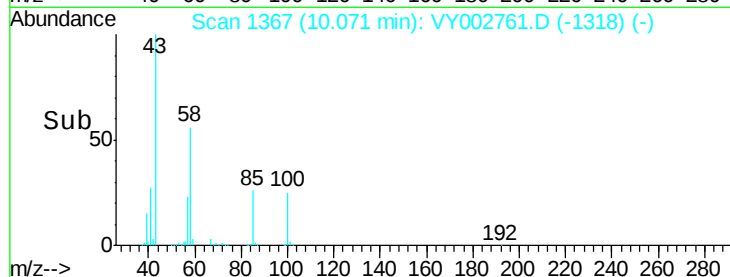
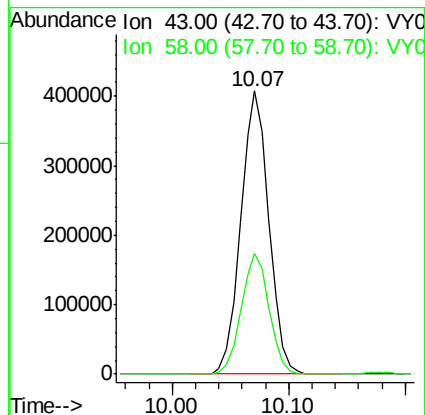
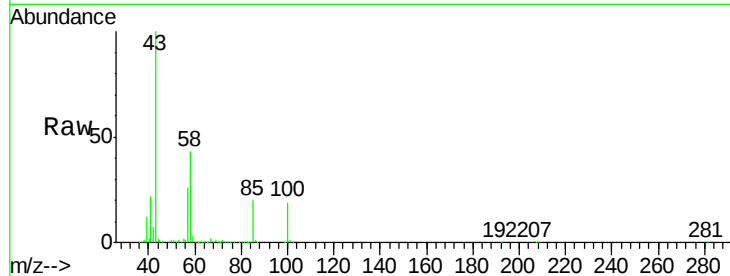
43 100

58 42.4 34.2 51.2

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#52

Toluene

Concen: 53.143 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.00 min

Lab File: VY002761.D

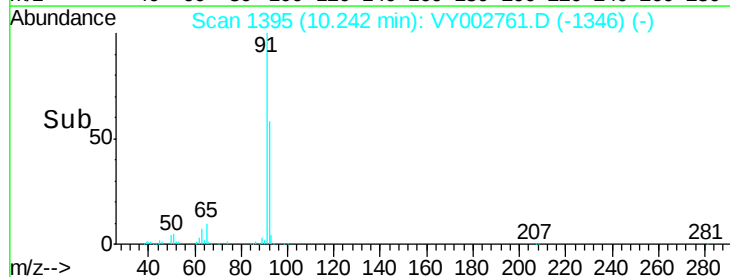
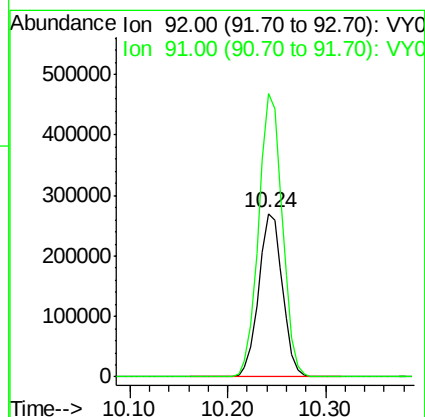
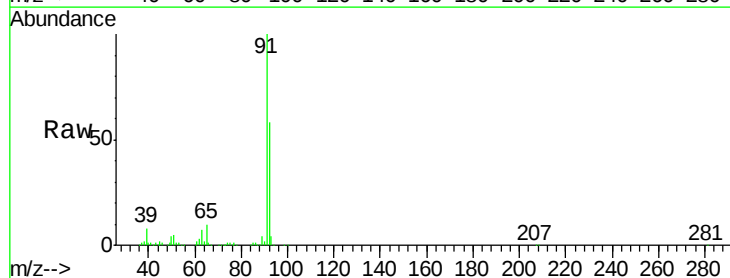
Acq: 27 May 2020 13:40

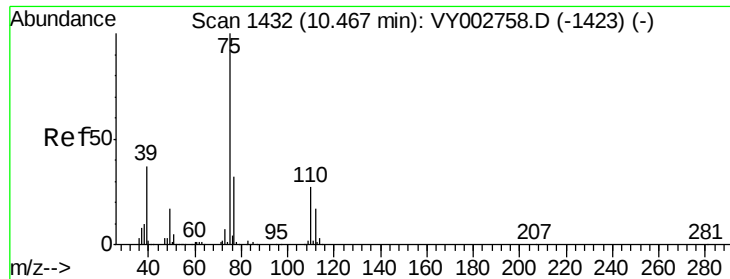
Tgt Ion: 92 Resp: 457587

Ion Ratio Lower Upper

92 100

91 172.8 138.5 207.7





#53

t-1,3-Dichloropropene

Concen: 54.753 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY002761.D

Acq: 27 May 2020 13:40

Instrument :

MSVOA_Y

ClientSampleId :

ICVY052720

Tot Ion: 75 Resp: 264288

Ion Ratio Lower Upper

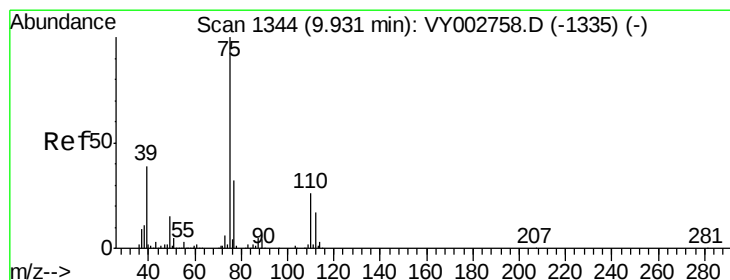
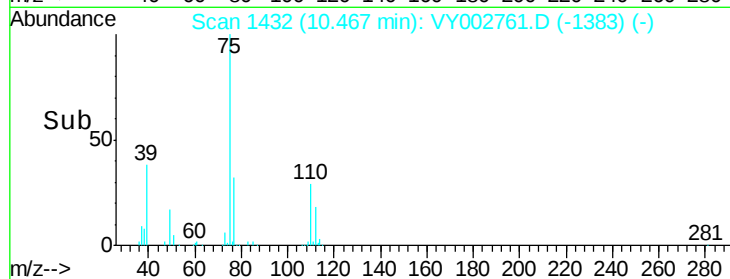
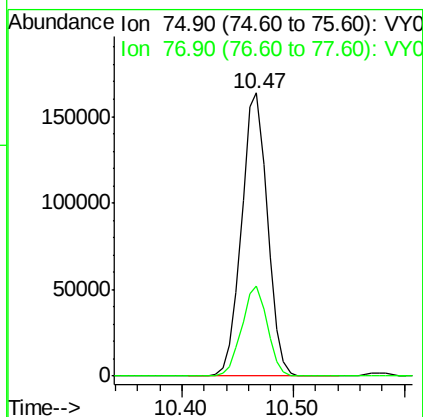
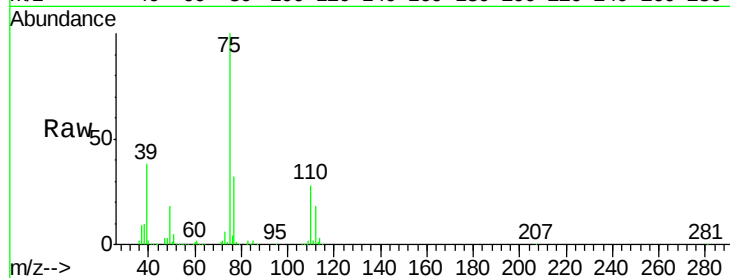
75 100

77 31.9 25.3 37.9

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#54

cis-1,3-Dichloropropene

Concen: 54.566 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY002761.D

Acq: 27 May 2020 13:40

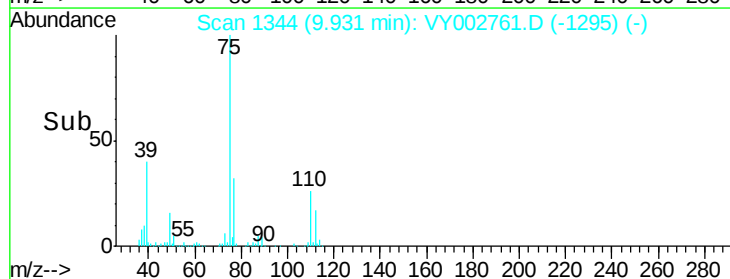
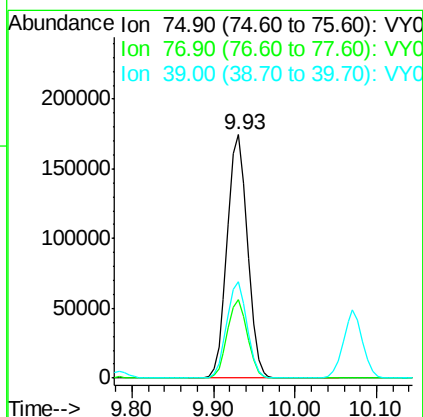
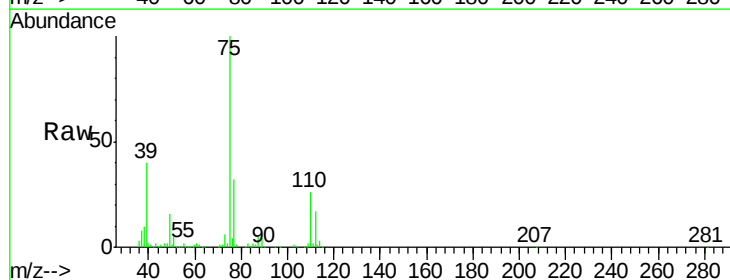
Tgt Ion: 75 Resp: 298445

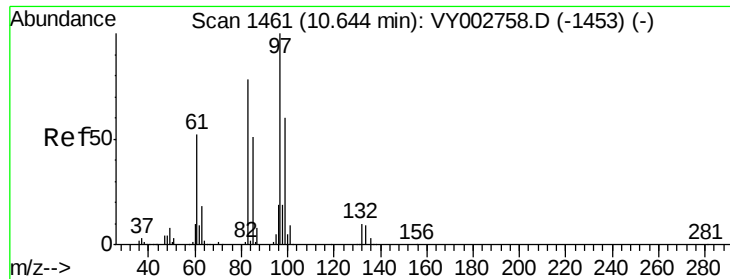
Ion Ratio Lower Upper

75 100

77 32.1 25.6 38.4

39 39.8 31.3 46.9





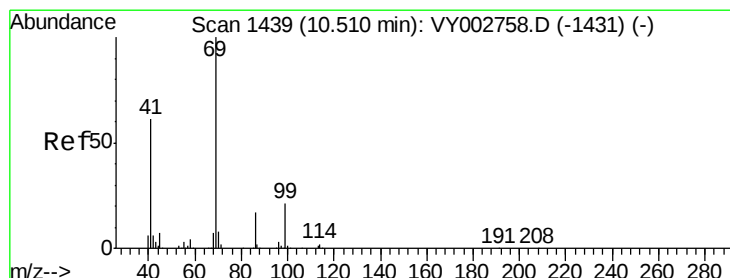
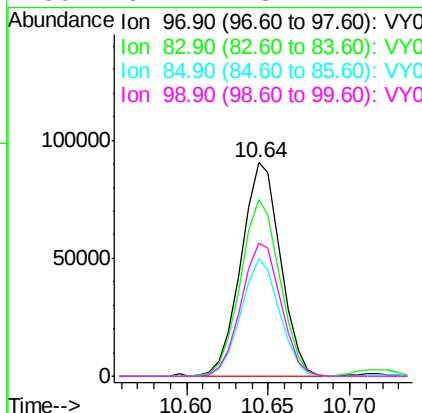
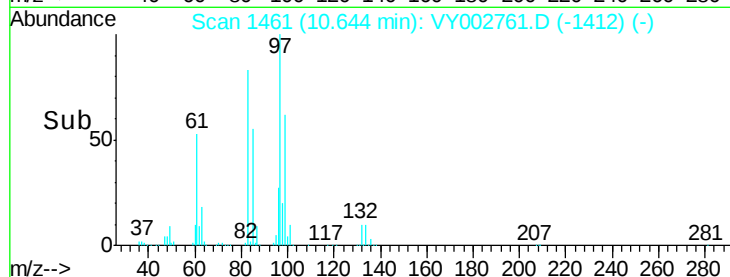
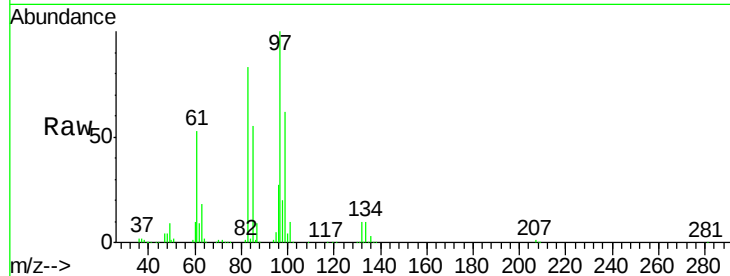
#55
 1,1,2-Trichloroethane
 Concen: 53.098 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY002761.D
 Acq: 27 May 2020 13:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY052720

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		152386		
83	82.6	62.7	94.1		
85	55.1	40.6	60.8		
99	62.4	48.2	72.4		

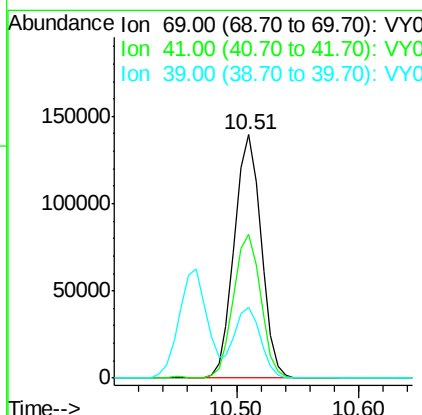
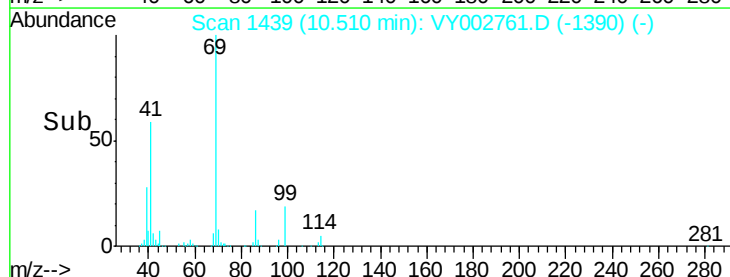
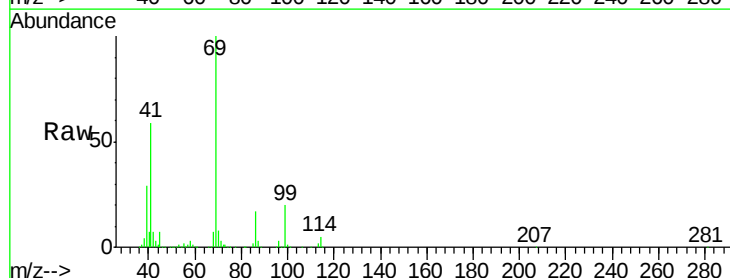
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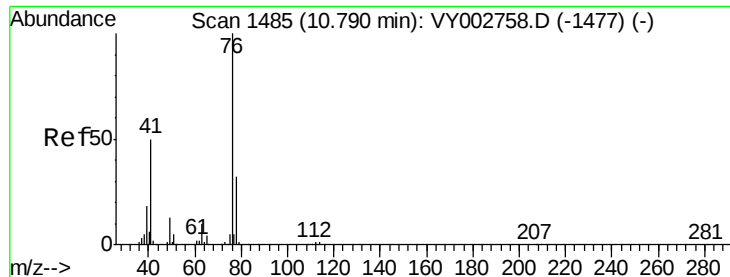
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#56
 Ethyl methacrylate
 Concen: 55.249 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY002761.D
 Acq: 27 May 2020 13:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		212376		
41	59.4	47.0	70.4		
39	29.3	22.0	33.0		





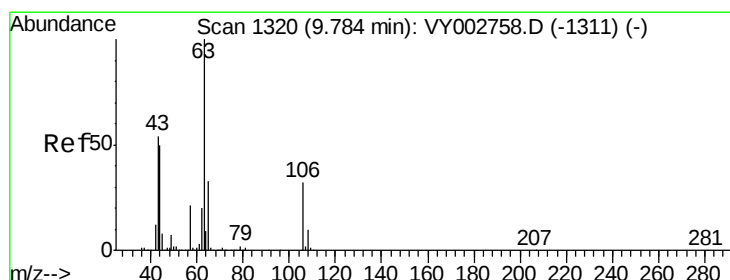
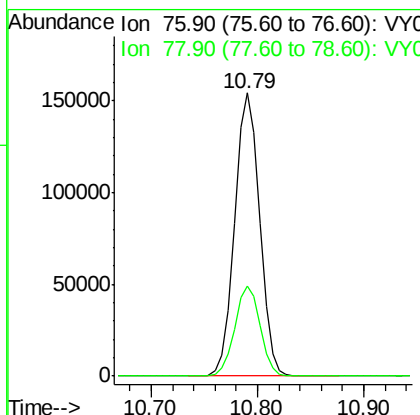
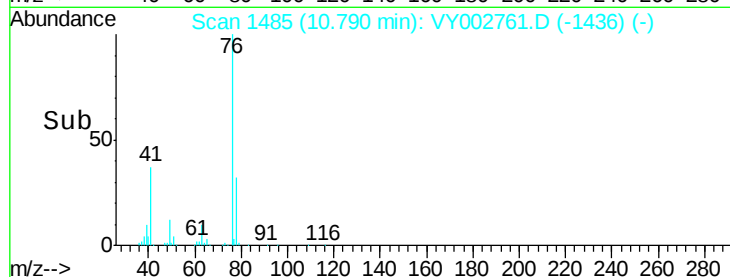
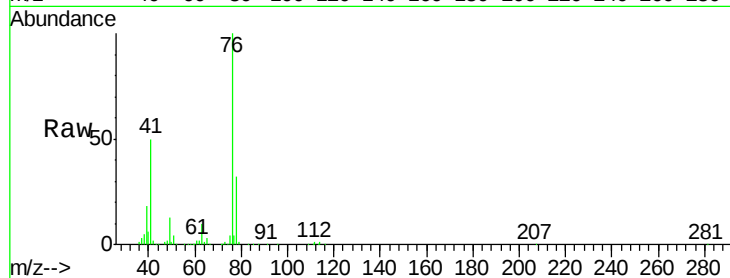
#57
 1,3-Dichloropropane
 Concen: 53.861 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VY002761.D
 Acq: 27 May 2020 13:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY052720

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.4	26.1	39.1

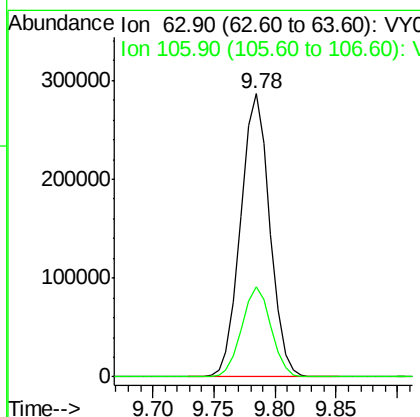
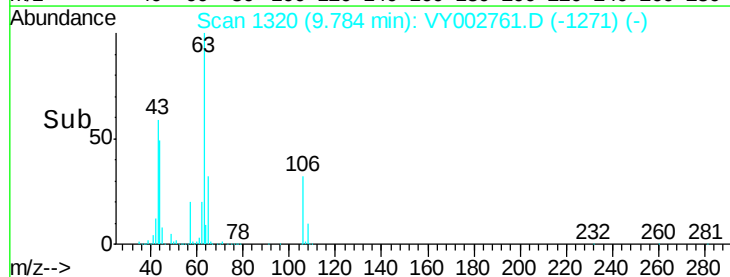
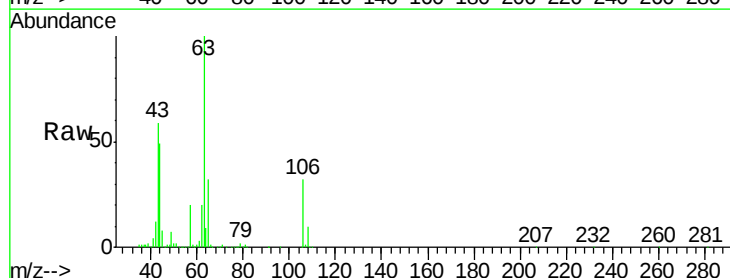
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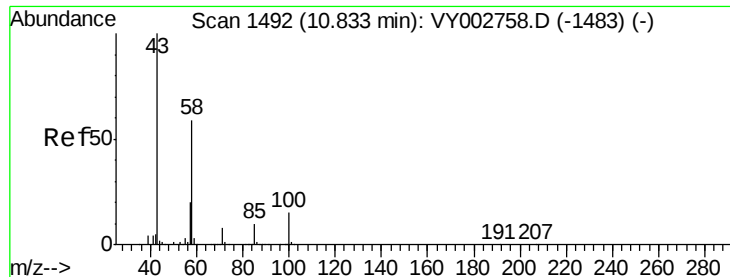
MMDadoda
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#58
 2-Chloroethyl Vinyl ether
 Concen: 251.458 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: VY002761.D
 Acq: 27 May 2020 13:40

Tgt Ion	Ratio	Lower	Upper
63	100		
106	32.0	25.4	38.2





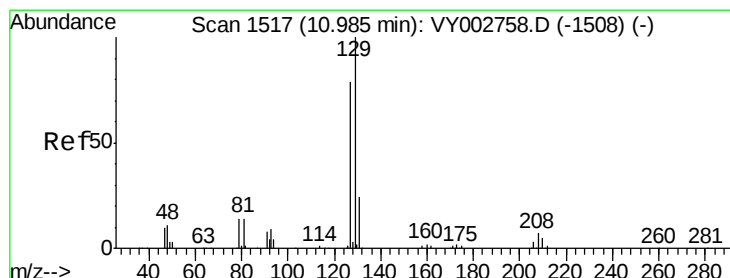
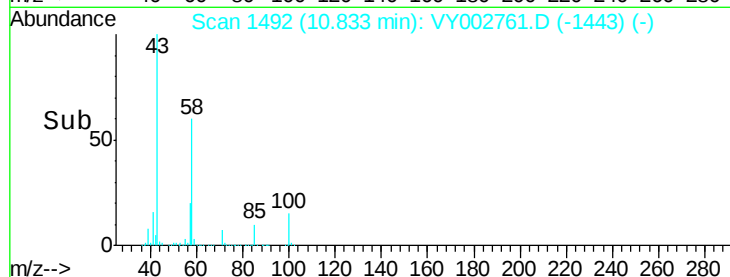
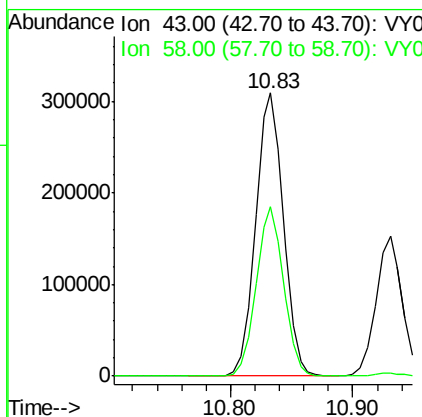
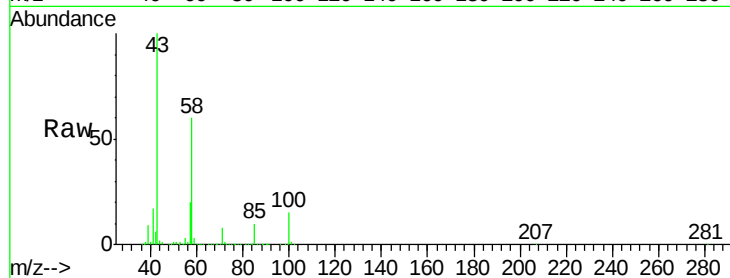
#59
2-Hexanone
Concen: 283.444 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY002761.D
Acq: 27 May 2020 13:40

Instrument :
MSVOA_Y
ClientSampleId :
ICVY052720

Tot Ion	Ratio	Lower	Upper
43	100		
58	59.0	29.5	88.5

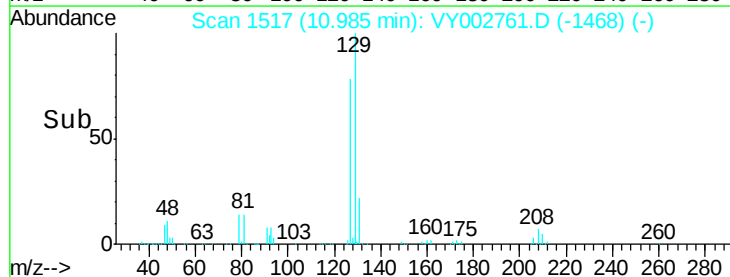
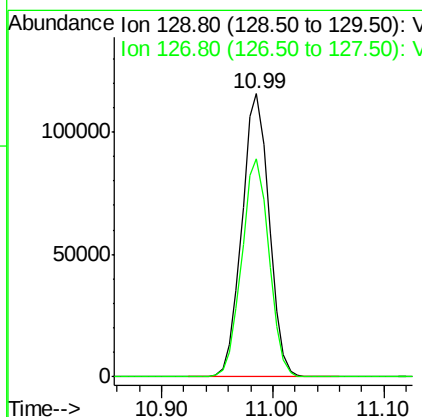
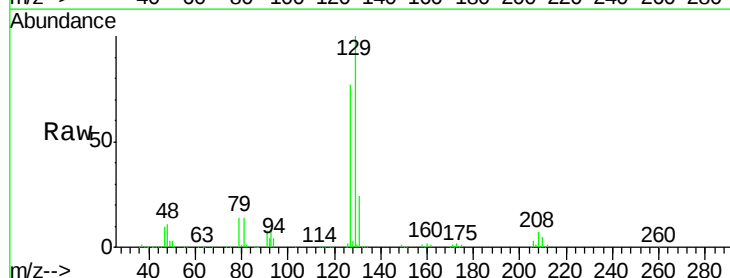
Manual Integrations
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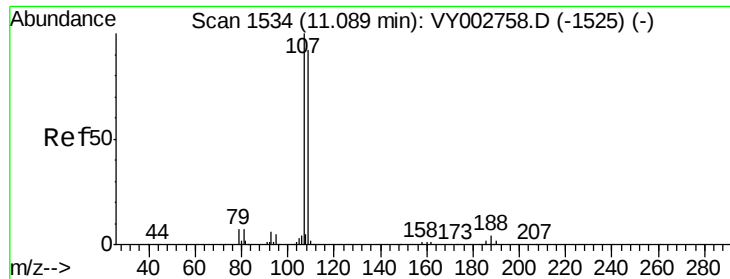
MMDadoda
5/28/2020 2:08:46 PM



#60
Dibromochloromethane
Concen: 53.937 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY002761.D
Acq: 27 May 2020 13:40

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.3	38.5	115.3





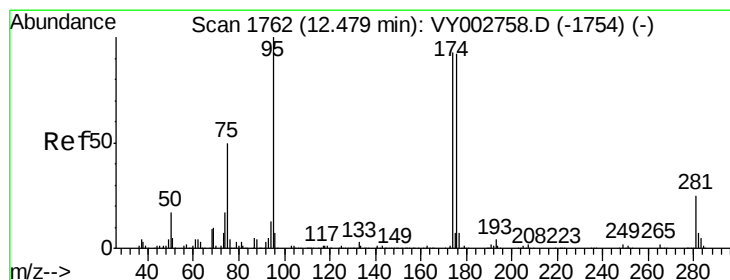
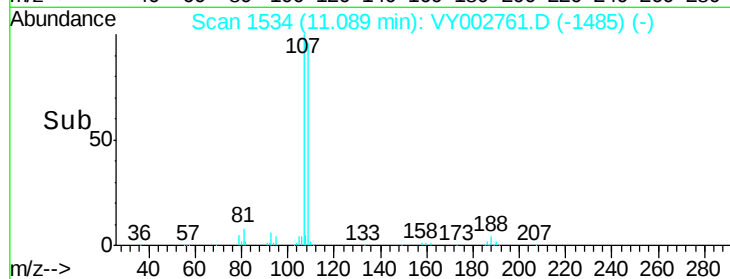
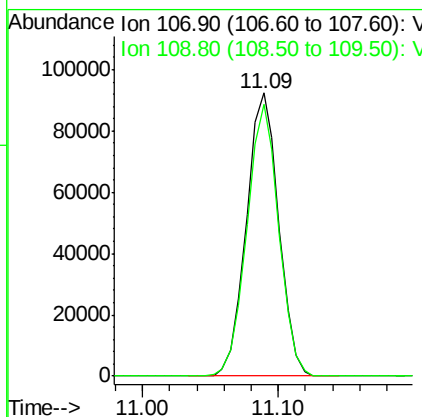
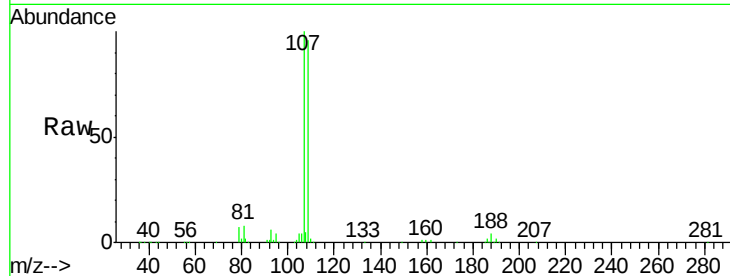
#61
 1,2-Dibromoethane
 Concen: 54.313 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY002761.D
 Acq: 27 May 2020 13:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY052720

Tot Ion	Ratio	Resp	Lower	Upper
107	100	153763		
109	94.6	75.6	113.4	

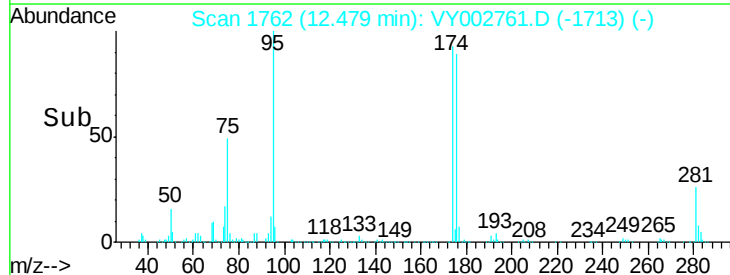
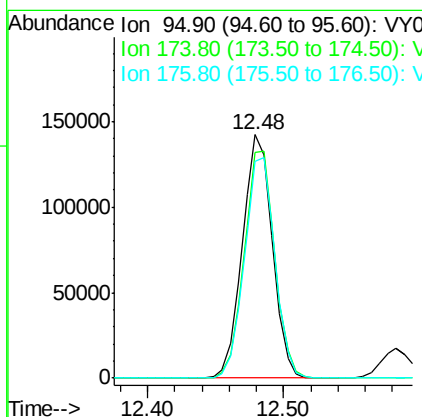
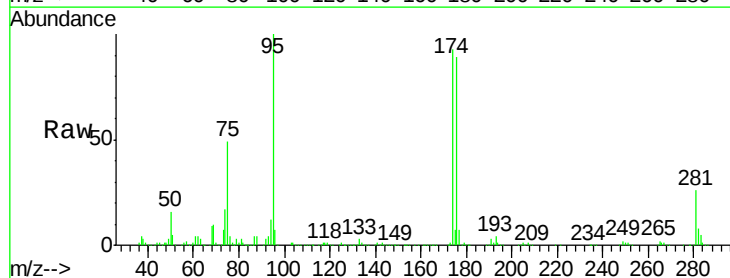
Manual Integrations
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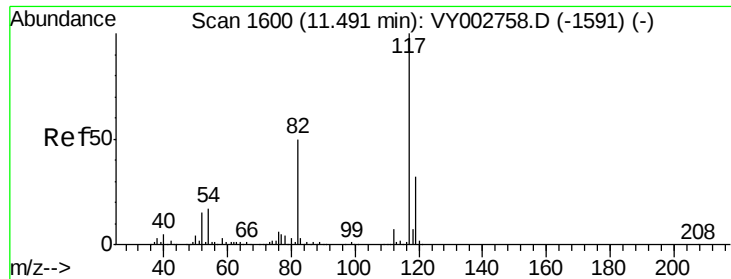
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#62
 4-Bromofluorobenzene
 Concen: 51.150 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY002761.D
 Acq: 27 May 2020 13:40

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	219041		
174	95.0	0.0	191.2	
176	92.1	0.0	188.8	





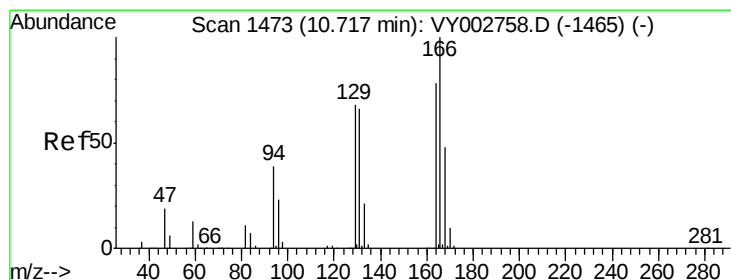
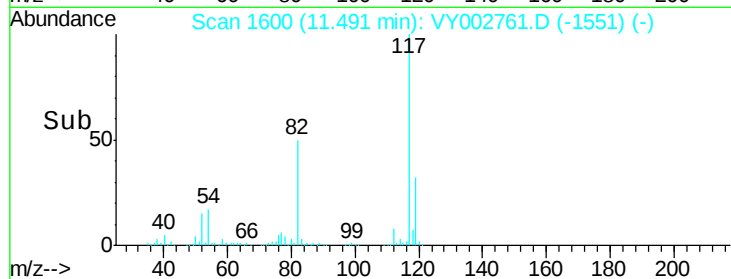
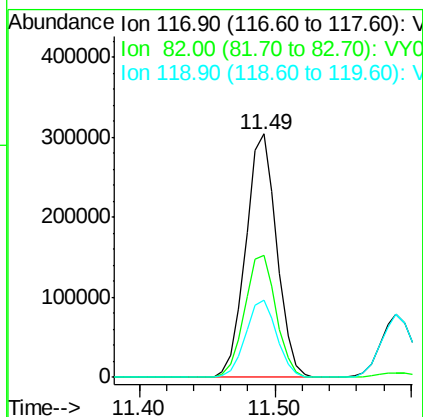
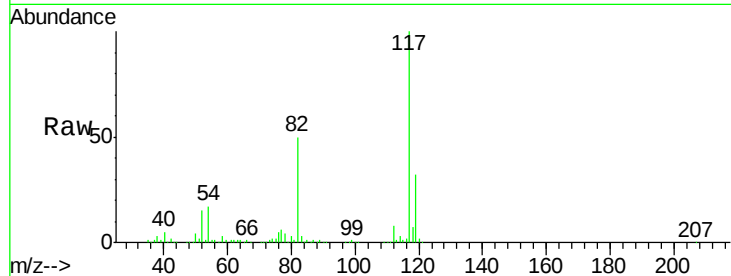
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY002761.D
Acq: 27 May 2020 13:40

Instrument :
MSVOA_Y
ClientSampleId :
ICVY052720

Tot Ion	Ratio	Resp	Lower	Upper
117	100	483932		
82	50.4		40.2	60.4
119	31.8		25.8	38.8

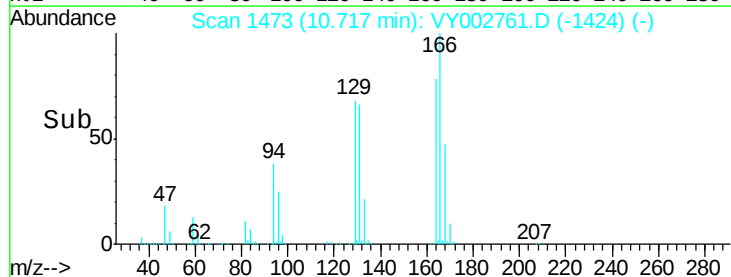
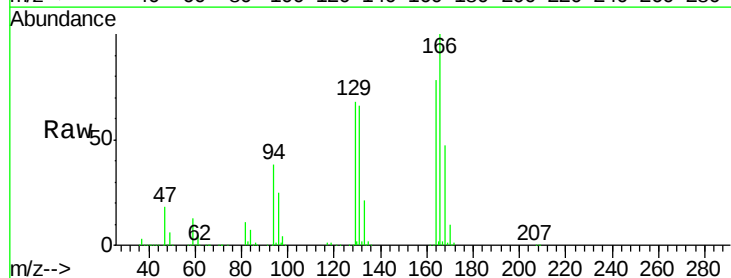
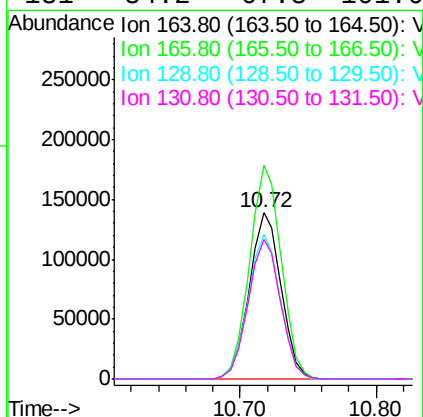
Manual Integrations
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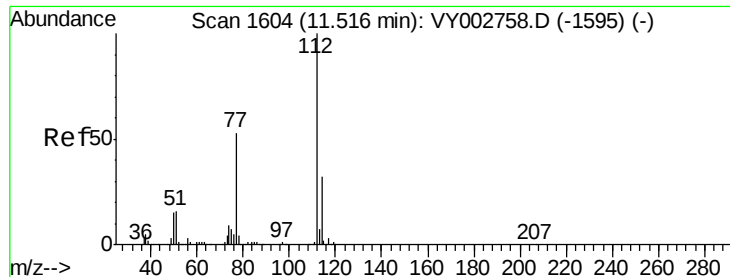
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#64
Tetrachloroethene
Concen: 51.912 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY002761.D
Acq: 27 May 2020 13:40

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	228320		
166	128.5		102.3	153.5
129	87.1		69.4	104.2
131	84.2		67.8	101.6





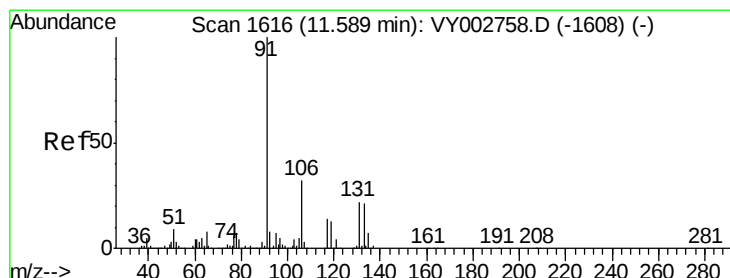
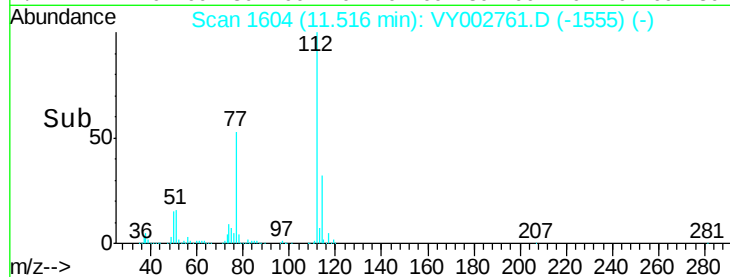
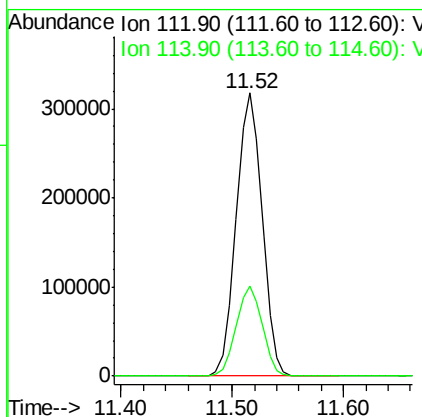
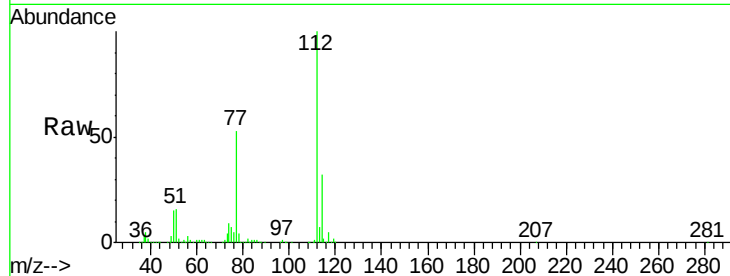
#65
Chlorobenzene
Concen: 53.485 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY002761.D
Acq: 27 May 2020 13:40

Instrument :
MSVOA_Y
ClientSampleId :
ICVY052720

Tot Ion:112 Resp: 511578
Ion Ratio Lower Upper
112 100
114 31.9 25.7 38.5

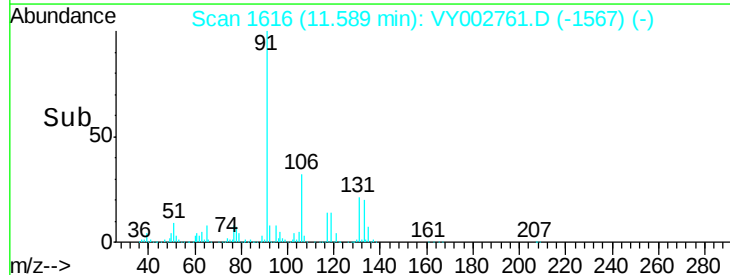
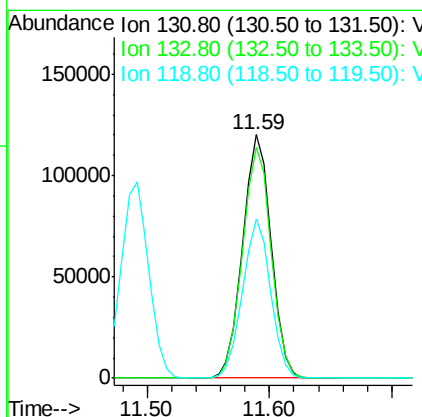
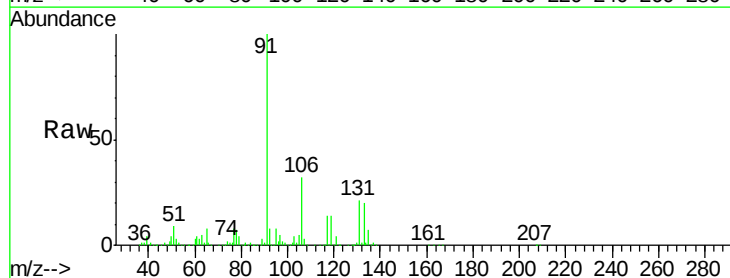
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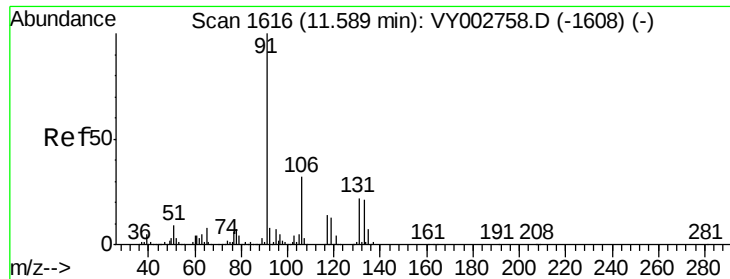
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#66
1,1,1,2-Tetrachloroethane
Concen: 53.931 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY002761.D
Acq: 27 May 2020 13:40

Tgt Ion:131 Resp: 194280
Ion Ratio Lower Upper
131 100
133 95.4 47.6 142.8
119 64.4 31.7 95.1





#67

Ethyl Benzene

Concen: 54.009 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY002761.D

Acq: 27 May 2020 13:40

Instrument :

MSVOA_Y

ClientSampleId :

ICVY052720

Tot Ion: 91 Resp: 895574

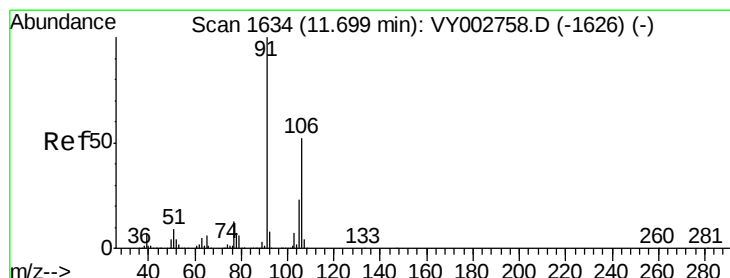
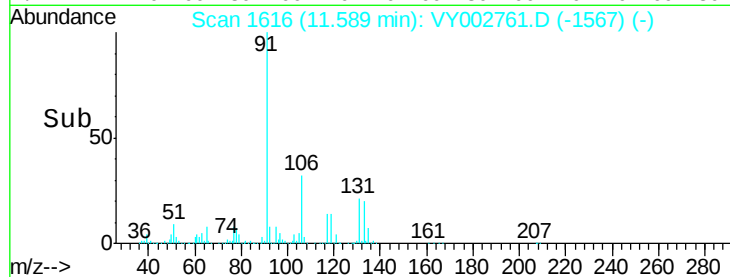
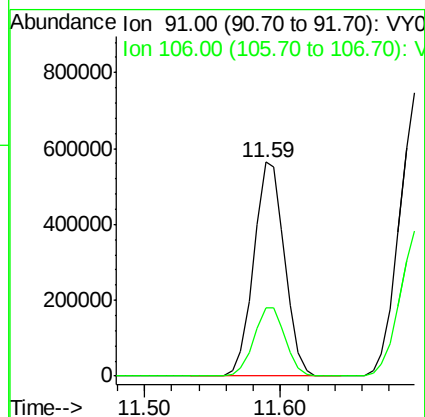
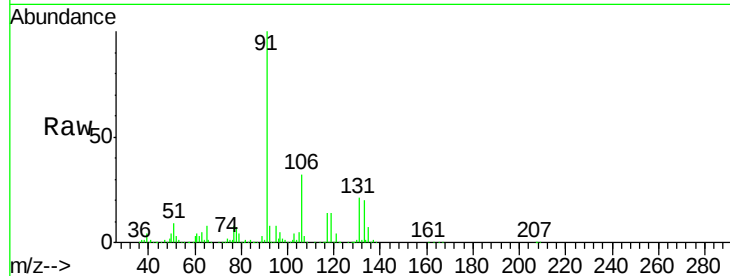
Ion Ratio Lower Upper

91 100

106 32.3 25.7 38.5

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#68

m/p-Xylenes

Concen: 107.863 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VY002761.D

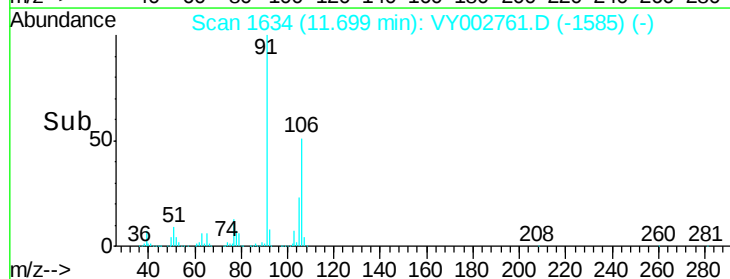
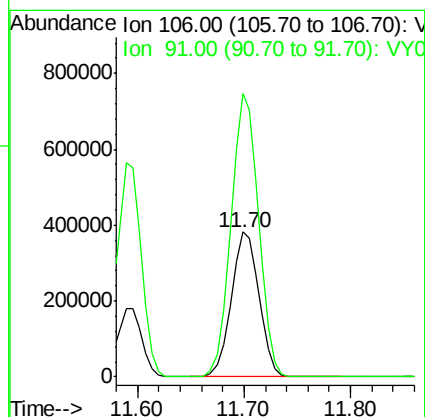
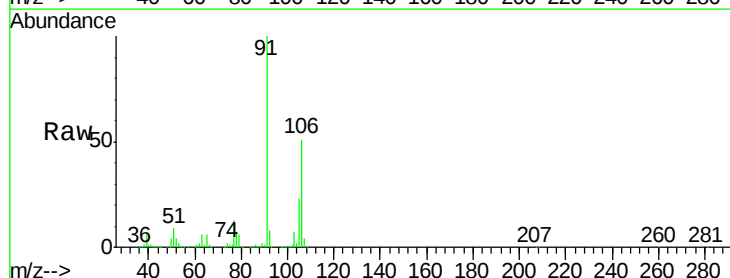
Acq: 27 May 2020 13:40

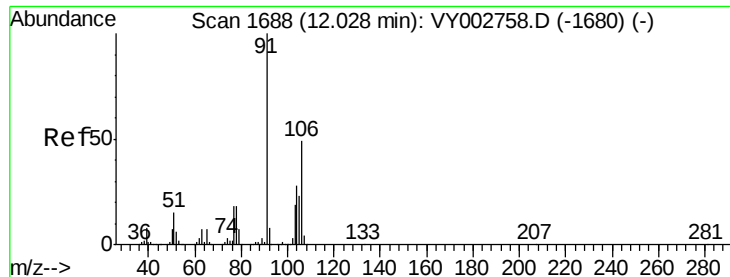
Tgt Ion: 106 Resp: 693463

Ion Ratio Lower Upper

106 100

91 194.3 156.0 234.0





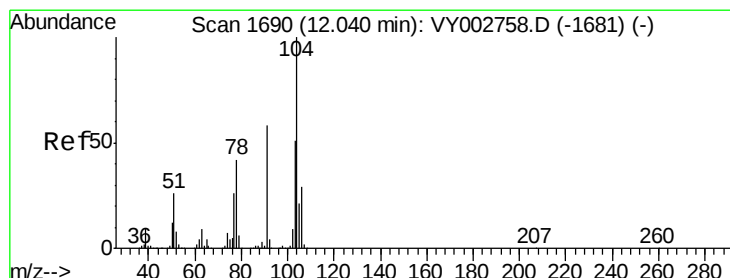
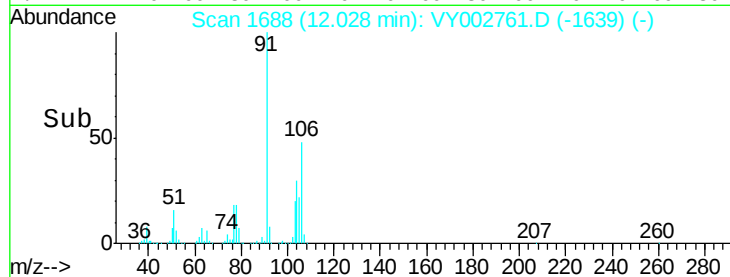
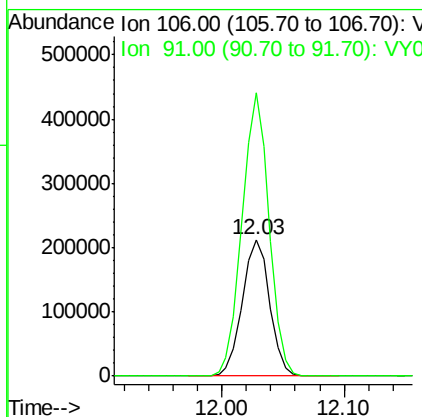
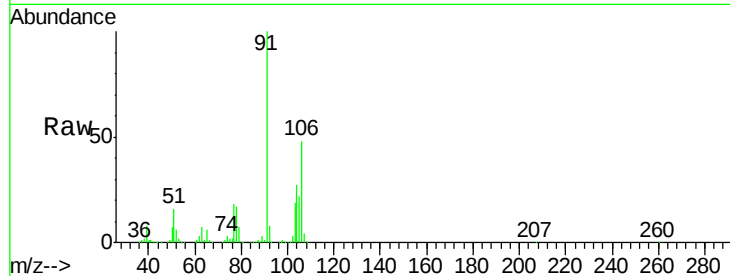
#69
o-Xylene
Concen: 54.367 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY002761.D
Acq: 27 May 2020 13:40

Instrument :
MSVOA_Y
ClientSampleId :
ICVY052720

Tot Ion	Ion	Ratio	Lower	Upper
106	106	100		
91	91	204.1	102.4	307.1

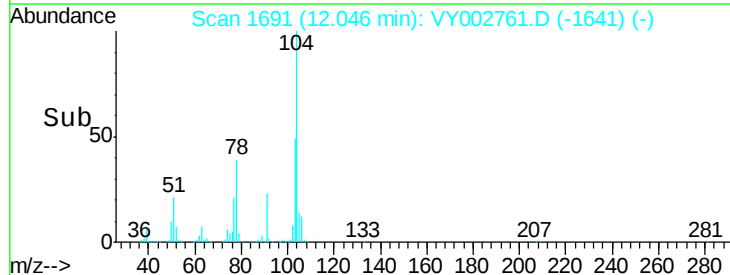
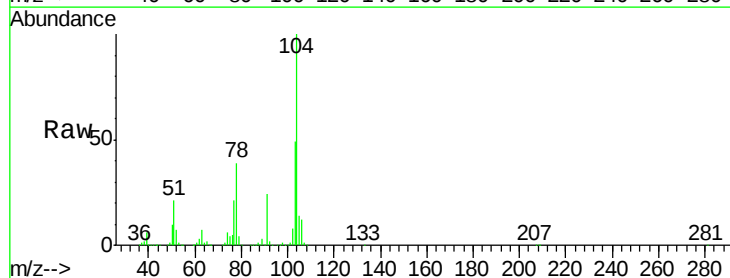
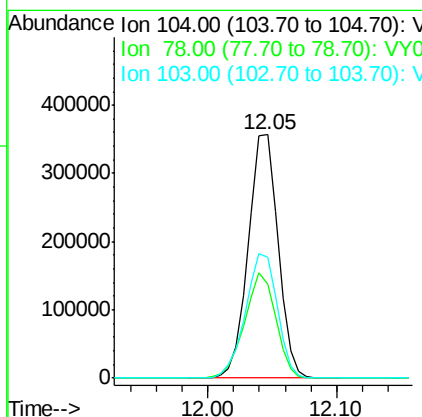
Manual Integrations
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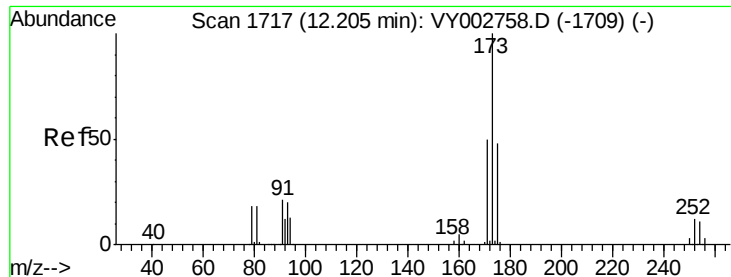
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#70
Styrene
Concen: 54.003 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY002761.D
Acq: 27 May 2020 13:40

Tgt Ion	Ion	Ratio	Lower	Upper
104	104	100		
78	78	45.5	36.2	54.4
103	103	54.8	43.6	65.4





#71

Bromoform

Concen: 55.186 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY002761.D

Acq: 27 May 2020 13:40

Instrument :

MSVOA_Y

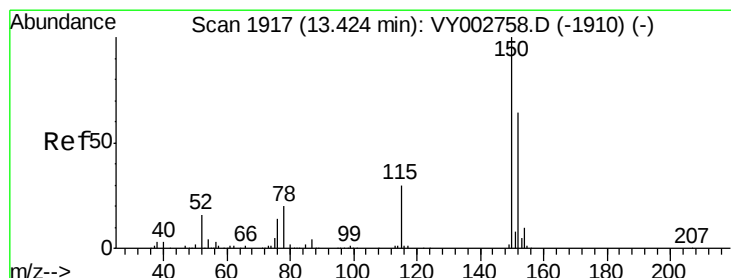
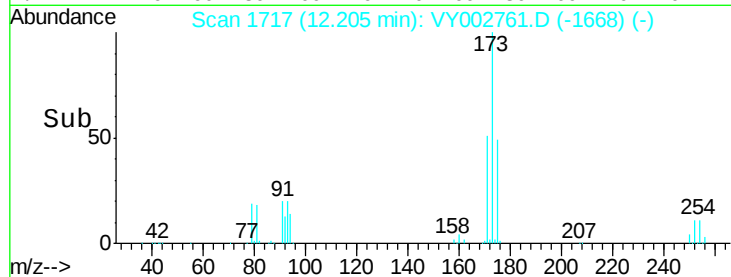
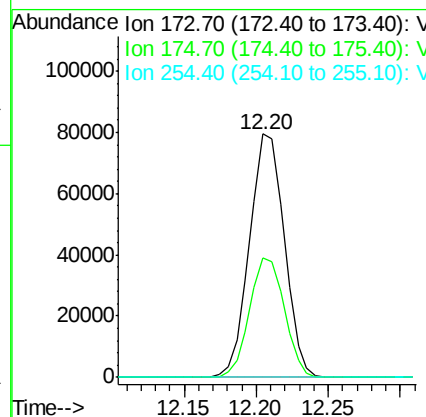
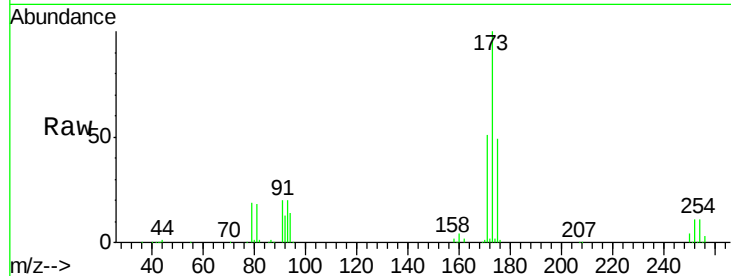
ClientSampleId :

ICVY052720

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.0	24.3	72.8
254	0.1	0.1	0.1#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

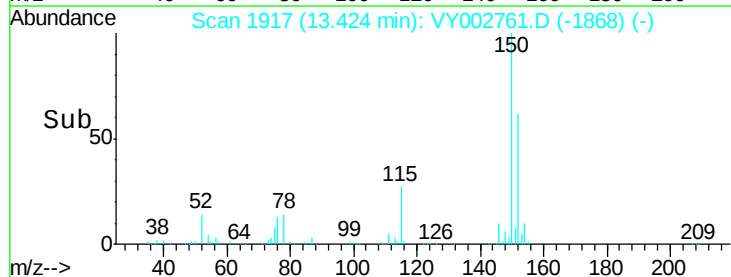
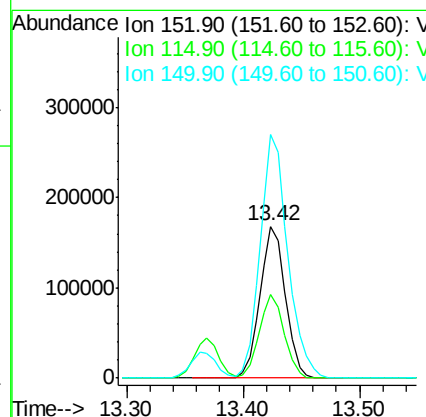
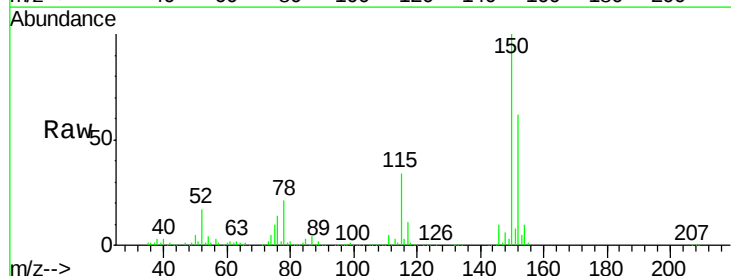
RT: 13.42 min Scan# 1917

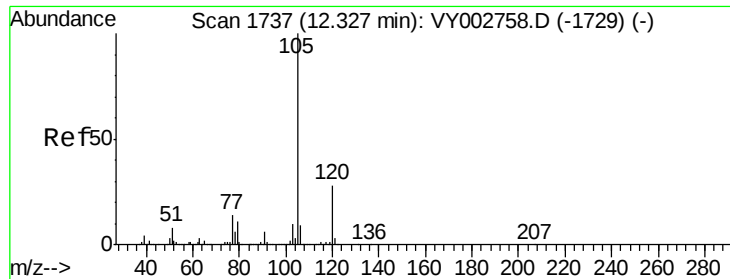
Delta R.T. -0.00 min

Lab File: VY002761.D

Acq: 27 May 2020 13:40

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.1	27.0	81.0
150	174.7	0.0	344.8





#73

Isopropylbenzene

Concen: 54.726 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY002761.D

Acq: 27 May 2020 13:40

Instrument :

MSVOA_Y

ClientSampleId :

ICVY052720

Tot Ion:105 Resp: 890434

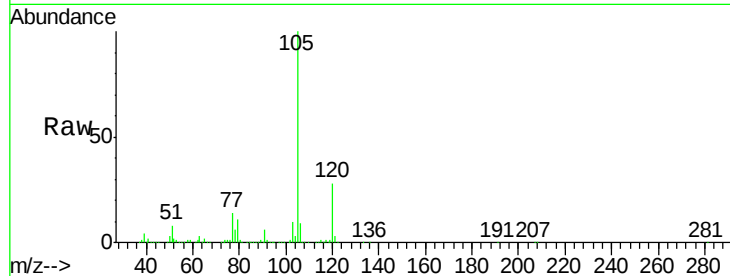
Ion Ratio Lower Upper

105 100

120 27.6 13.7 41.1

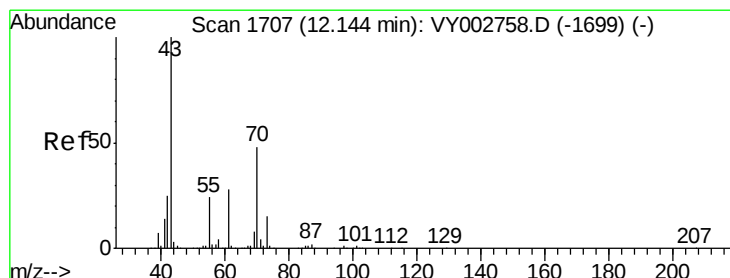
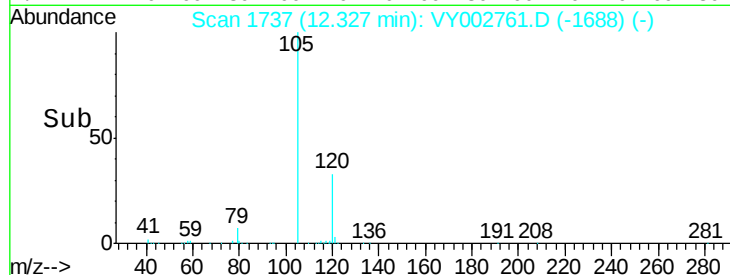
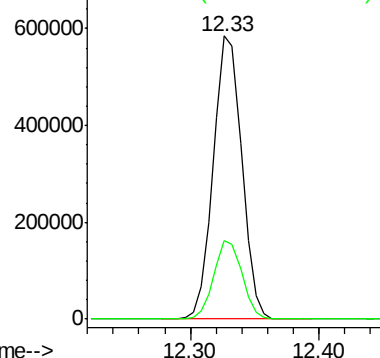
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 57.303 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY002761.D

Acq: 27 May 2020 13:40

Tgt Ion: 43 Resp: 239226

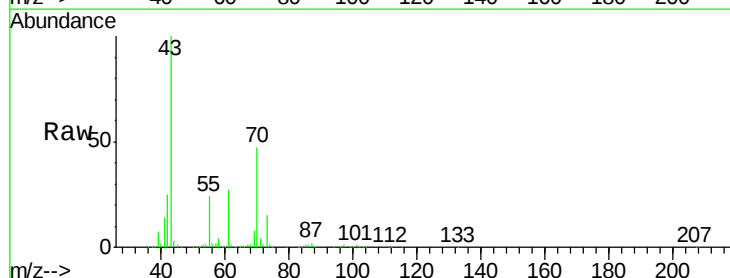
Ion Ratio Lower Upper

43 100

70 47.3 37.7 56.5

55 24.3 19.8 29.6

61 26.7 21.7 32.5

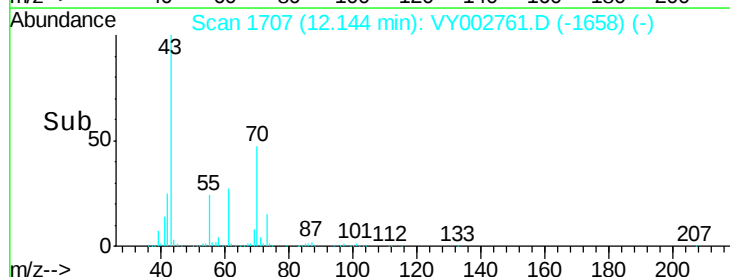
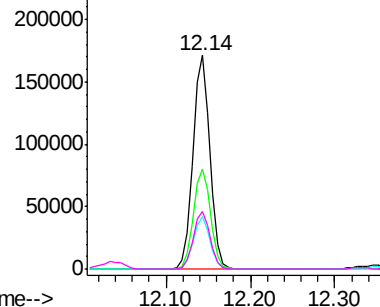


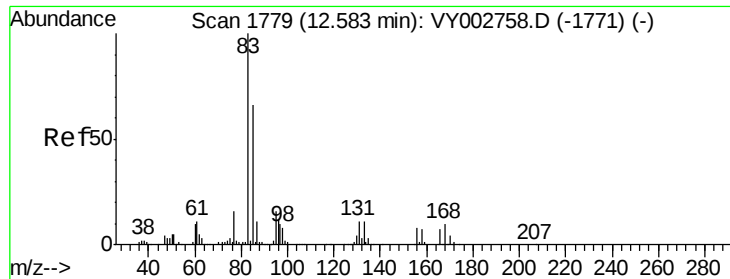
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 57.072 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY002761.D

Acq: 27 May 2020 13:40

Instrument :

MSVOA_Y

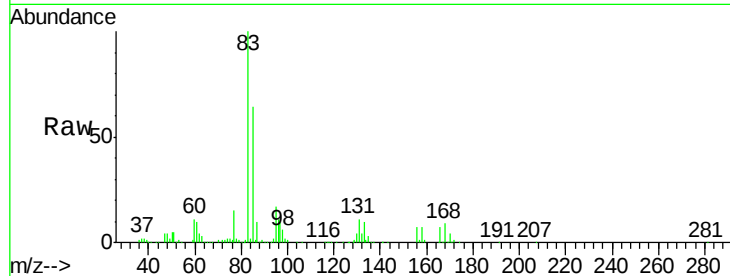
ClientSampleId :

ICVVY052720

Tot Ion:	83	Resp:	162929
Ion	Ratio	Lower	Upper
83	100		
131	11.5	5.8	17.4
85	64.2	32.6	98.0

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VY002761.D (-1730) (-)

Ion 130.80 (130.50 to 131.50): VY002761.D (-1730) (-)

Ion 84.90 (84.60 to 85.60): VY002761.D (-1730) (-)

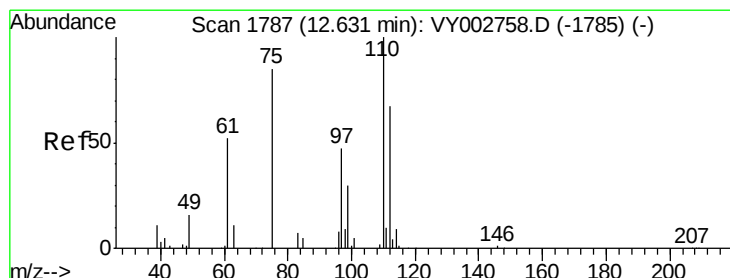
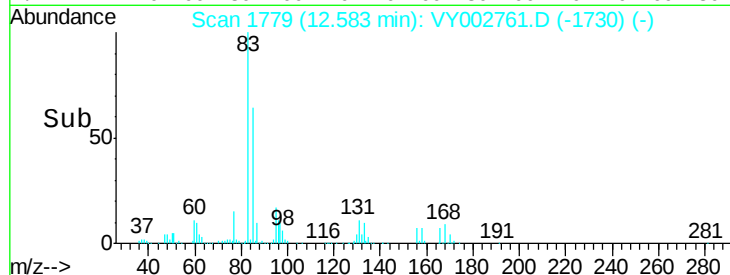
12.58

100000

50000

0

Time--> 12.50 12.55 12.60



#76

1,2,3-Trichloropropane

Concen: 56.199 ug/l m

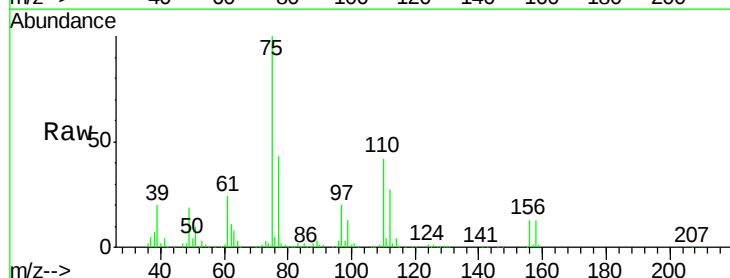
RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY002761.D

Acq: 27 May 2020 13:40

Tgt Ion:	75	Resp:	128571
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VY002761.D (-1738) (-)

Ion 77.00 (76.70 to 77.70): VY002761.D (-1738) (-)

250000

200000

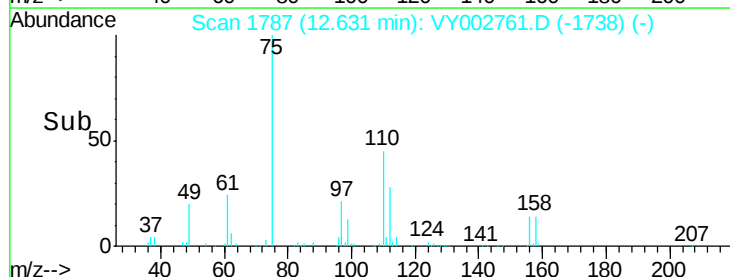
150000

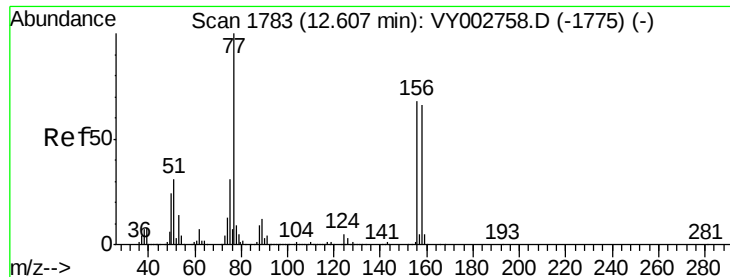
100000

50000

0

Time--> 12.60 12.62 12.64 12.66





#77

Bromobenzene

Concen: 53.852 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY002761.D

Acq: 27 May 2020 13:40

Instrument :

MSVOA_Y

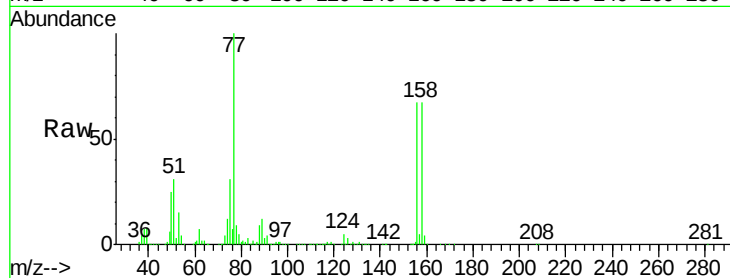
ClientSampleId :

ICVY052720

Tot Ion:	156	Resp:	228153
Ion Ratio	Lower	Upper	
156	100		
77	166.4	81.4	244.2
158	98.0	48.5	145.6

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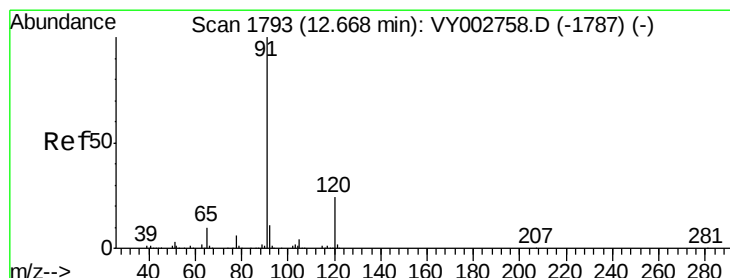
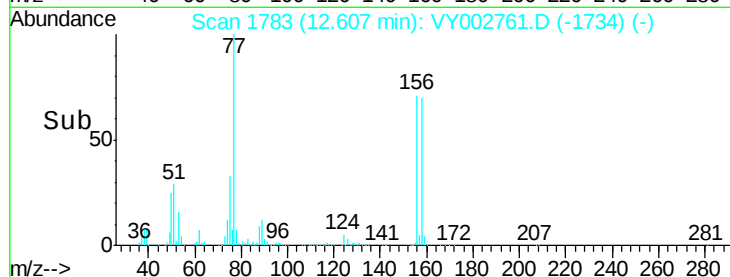
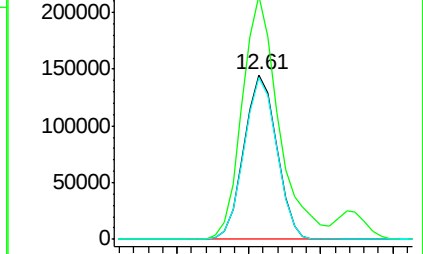
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Abundance Ion 155.80 (155.50 to 156.50): VY002758.D (-1775) (-)

Ion 77.00 (76.70 to 77.70): VY002758.D (-1775) (-)

Ion 157.80 (157.50 to 158.50): VY002758.D (-1775) (-)



#78

n-propylbenzene

Concen: 54.976 ug/l

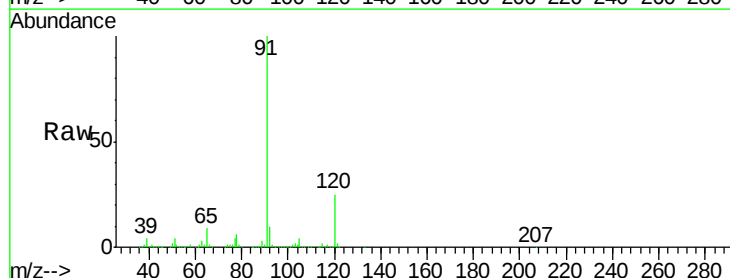
RT: 12.67 min Scan# 1794

Delta R.T. 0.01 min

Lab File: VY002761.D

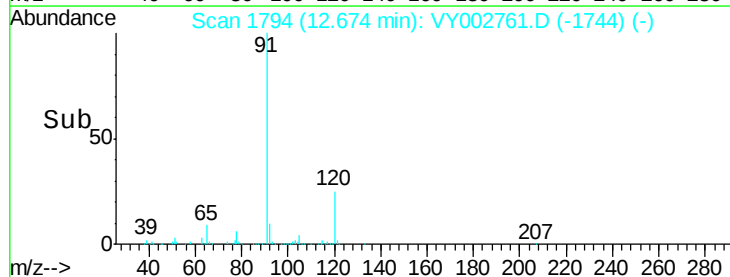
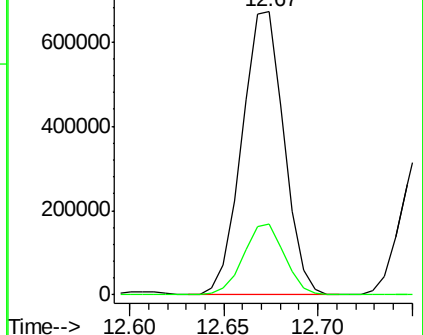
Acq: 27 May 2020 13:40

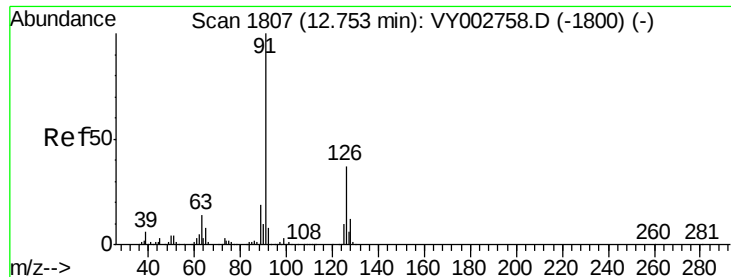
Tgt Ion:	91	Resp:	1033244
Ion Ratio	Lower	Upper	
91	100		
120	24.6	12.3	36.9



Abundance Ion 91.00 (90.70 to 91.70): VY002758.D (-1787) (-)

Ion 120.00 (119.70 to 120.70): VY002758.D (-1787) (-)





#79

2-Chlorotoluene

Concen: 54.489 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY002761.D

Acq: 27 May 2020 13:40

Instrument :

MSVOA_Y

ClientSampleId :

ICVY052720

Tot Ion: 91 Resp: 574466

Ion Ratio Lower Upper

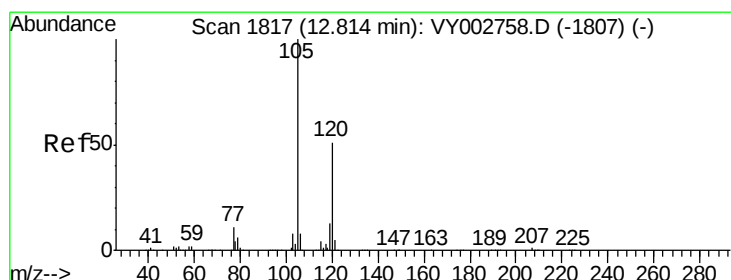
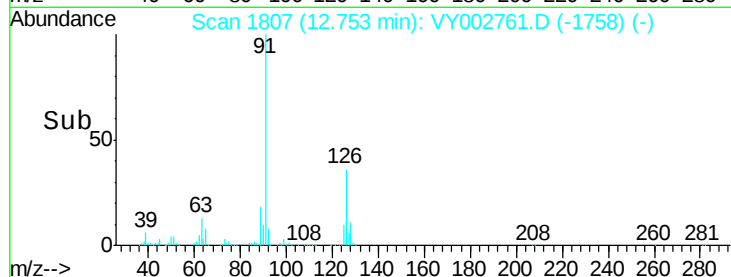
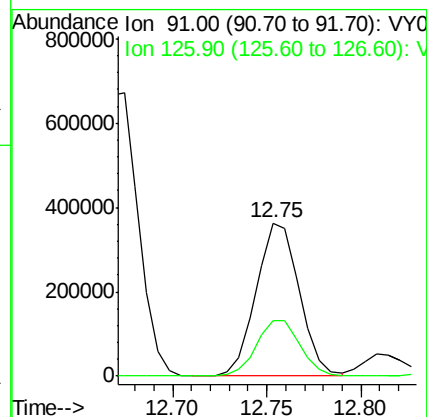
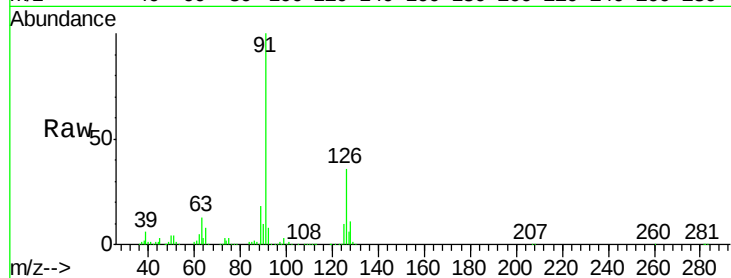
91 100

126 37.0 18.4 55.4

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#80

1,3,5-Trimethylbenzene

Concen: 54.860 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. -0.00 min

Lab File: VY002761.D

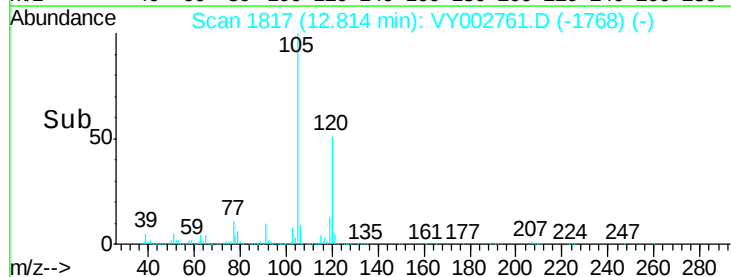
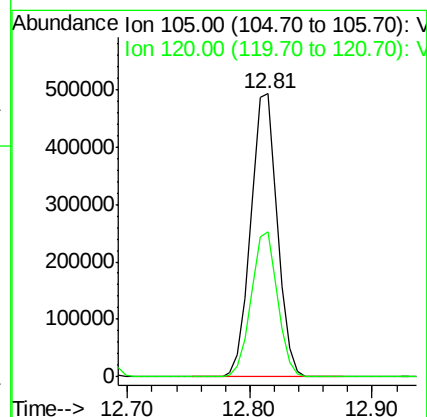
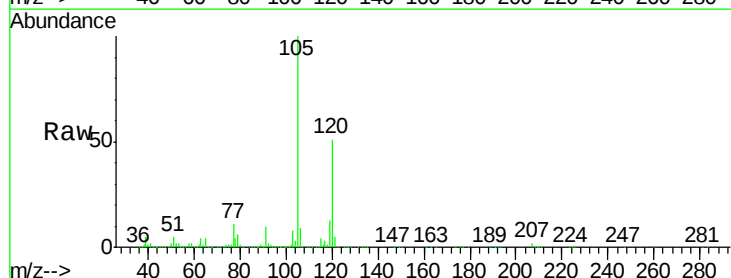
Acq: 27 May 2020 13:40

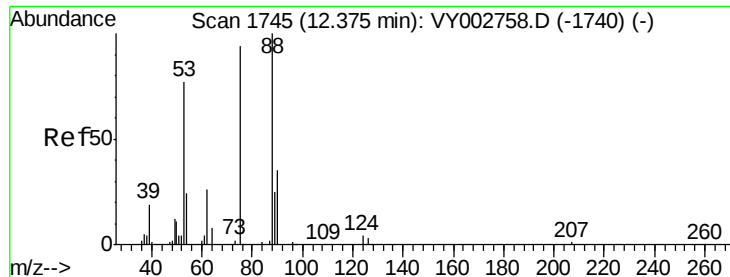
Tgt Ion: 105 Resp: 745286

Ion Ratio Lower Upper

105 100

120 50.7 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 57.633 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY002761.D

Acq: 27 May 2020 13:40

Instrument :

MSVOA_Y

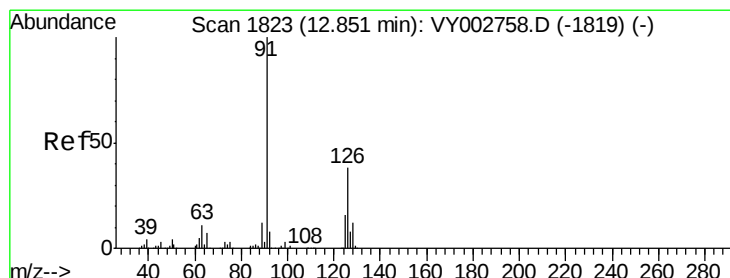
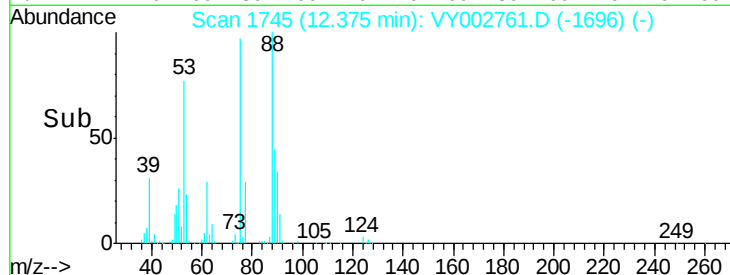
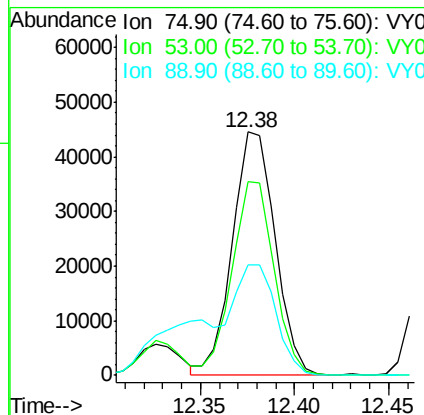
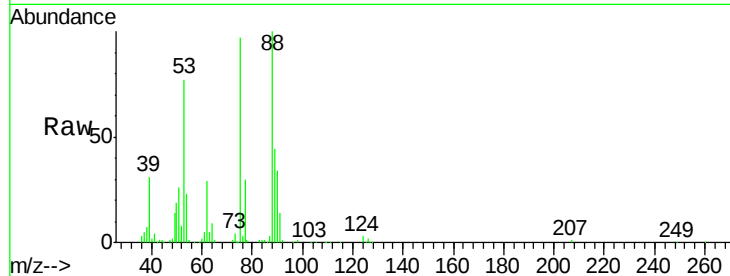
ClientSampleId :

ICVY052720

Tot Ion:	75	Resp:	69985
Ion	Ratio	Lower	Upper
75	100		
53	78.1	64.0	96.0
89	47.2	37.4	56.2

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#82

4-Chlorotoluene

Concen: 54.775 ug/l

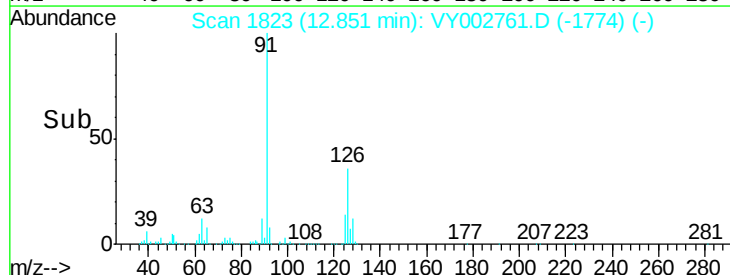
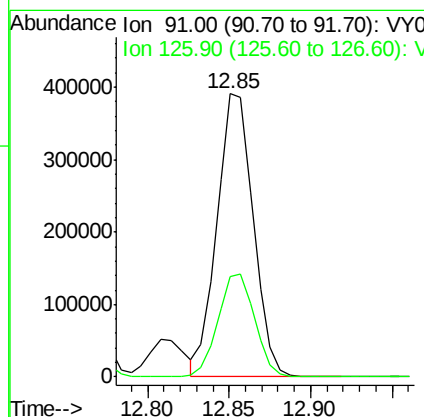
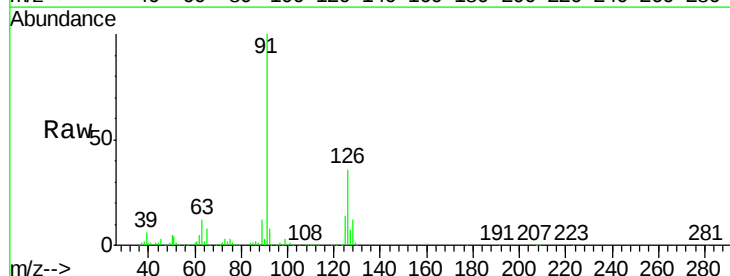
RT: 12.85 min Scan# 1823

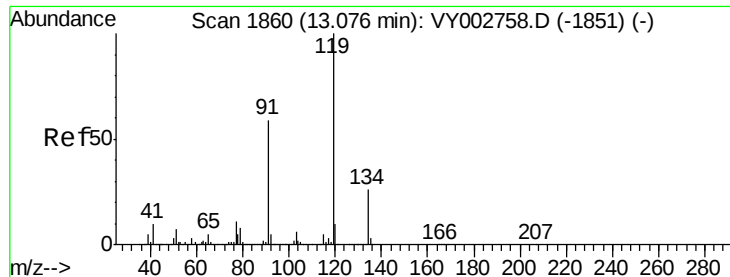
Delta R.T. -0.00 min

Lab File: VY002761.D

Acq: 27 May 2020 13:40

Tgt Ion:	91	Resp:	605028
Ion	Ratio	Lower	Upper
91	100		
126	36.9	18.5	55.5





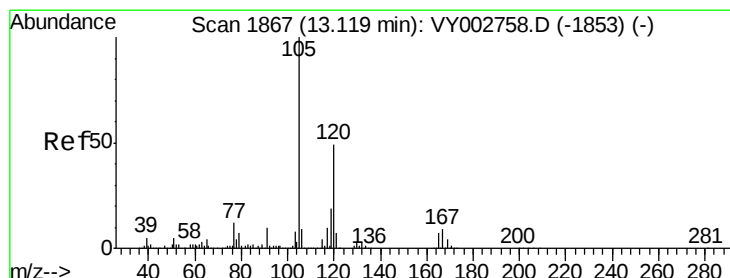
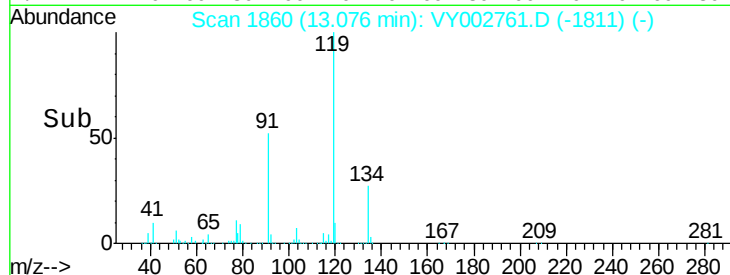
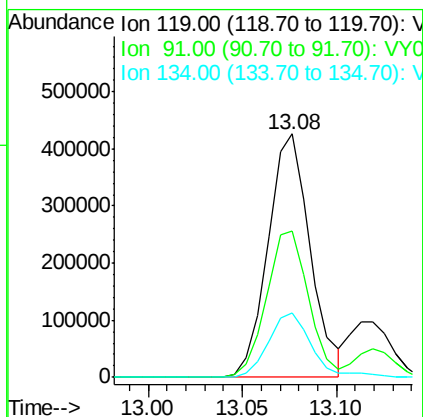
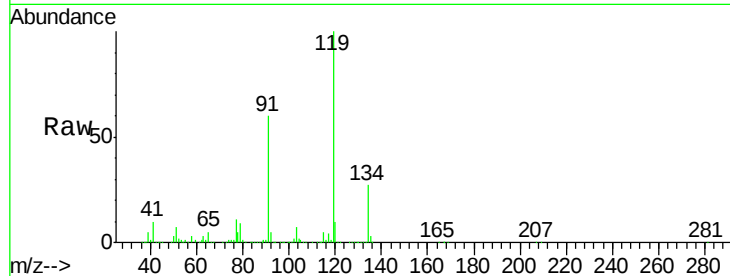
#83
tert-Butylbenzene
Concen: 54.582 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. -0.00 min
Lab File: VY002761.D
Acq: 27 May 2020 13:40

Instrument :
MSVOA_Y
ClientSampleId :
ICVY052720

Tot Ion	Ratio	Resp	Lower	Upper
119	100	661437		
91	59.9	29.8	89.4	
134	27.1	13.3	39.8	

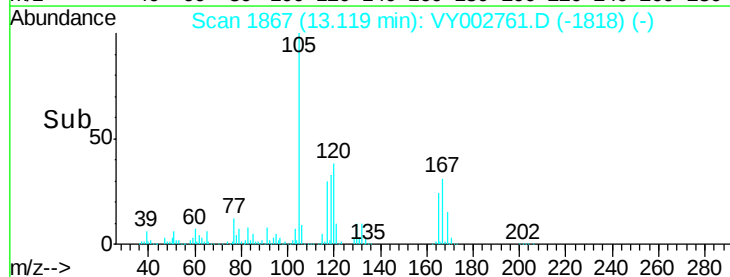
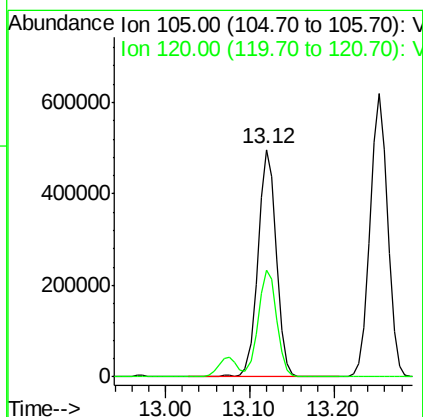
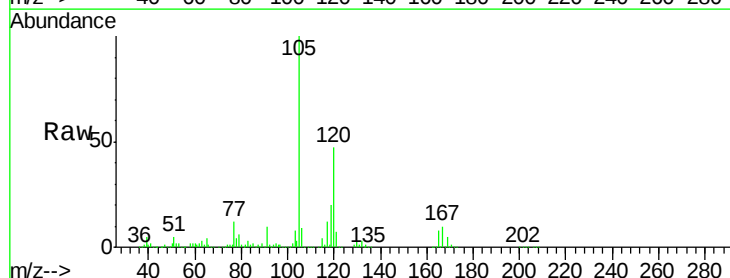
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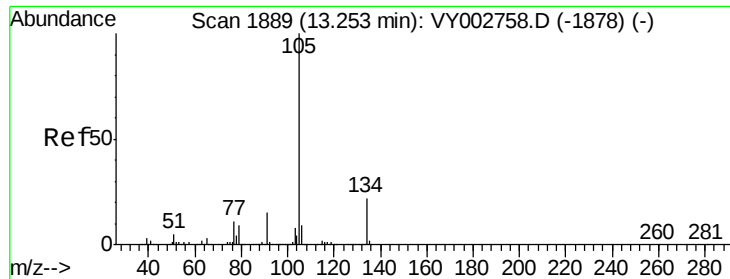
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#84
1,2,4-Trimethylbenzene
Concen: 54.408 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VY002761.D
Acq: 27 May 2020 13:40

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	743213		
120	46.9	23.6	70.8	





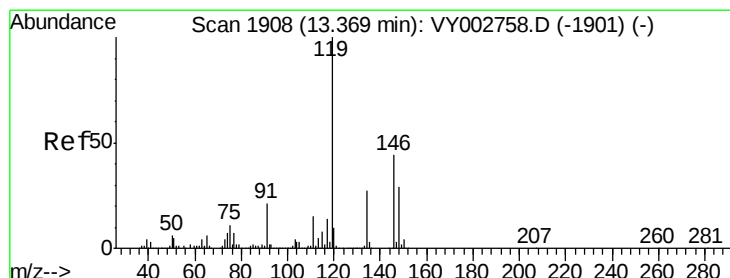
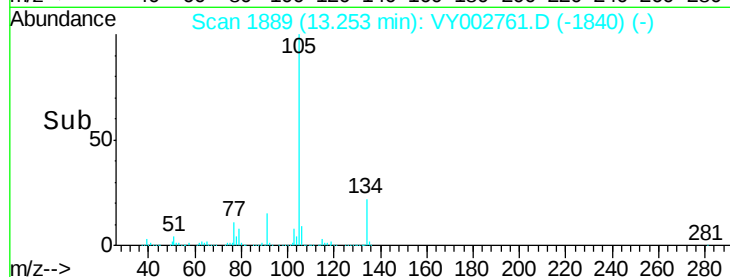
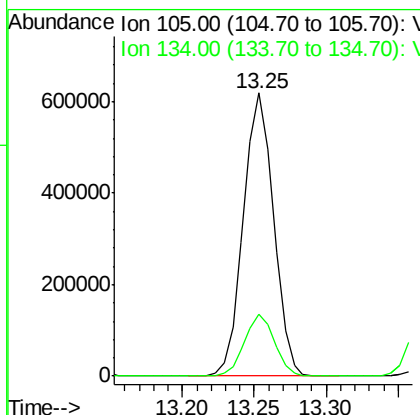
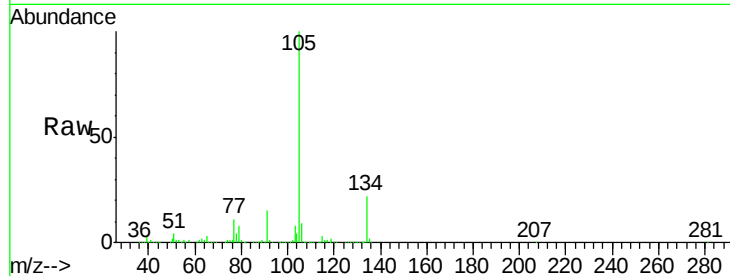
#85
 sec-Butylbenzene
 Concen: 54.397 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VY002761.D
 Acq: 27 May 2020 13:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY052720

Tot Ion	Ratio	Resp	Lower	Upper
105	100	901318		
134	21.7	10.8	32.4	

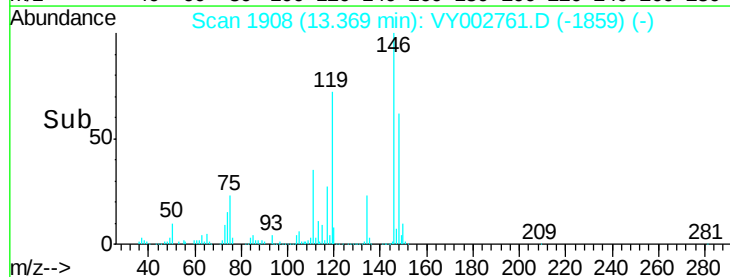
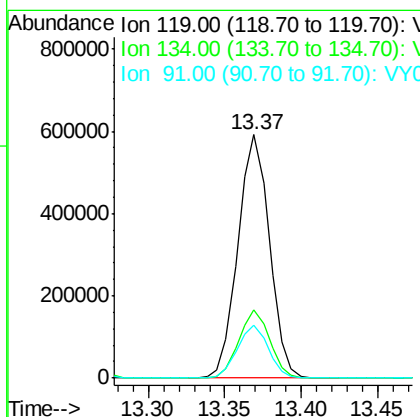
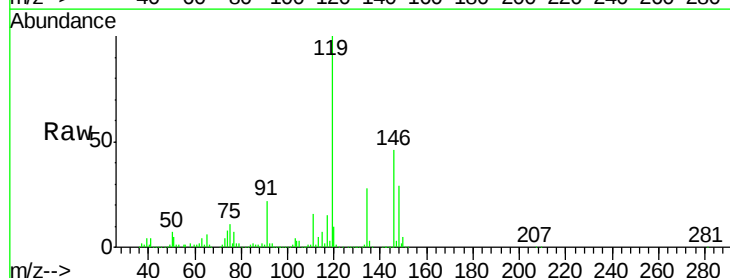
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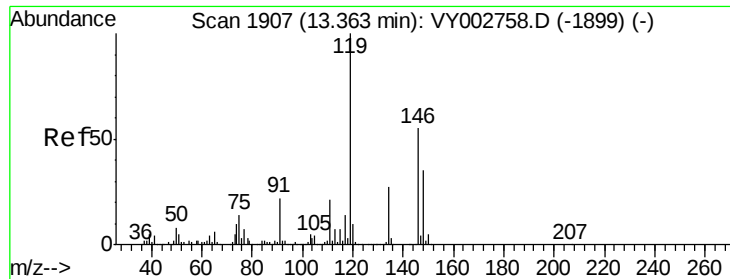
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#86
 p-Isopropyltoluene
 Concen: 54.793 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: VY002761.D
 Acq: 27 May 2020 13:40

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	844775		
134	27.4	13.7	41.0	
91	21.4	10.8	32.4	





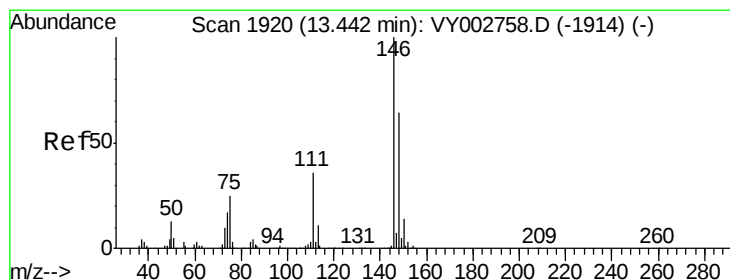
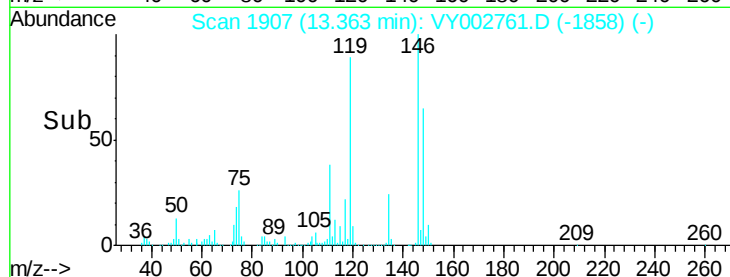
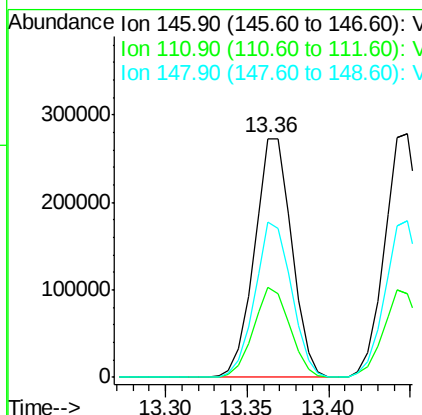
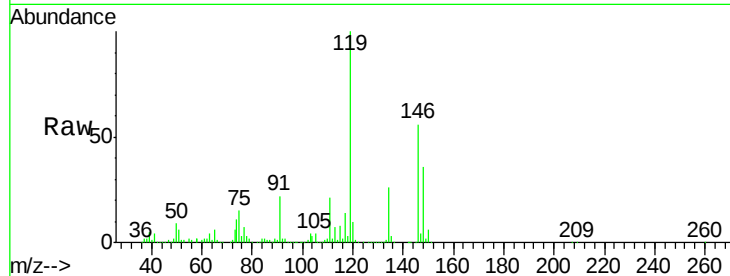
#87
 1,3-Dichlorobenzene
 Concen: 53.810 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY002761.D
 Acq: 27 May 2020 13:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY052720

Tot Ion	Ratio	Resp	Lower	Upper
146	100	431828		
111	36.7	18.4	55.0	
148	63.6	31.9	95.7	

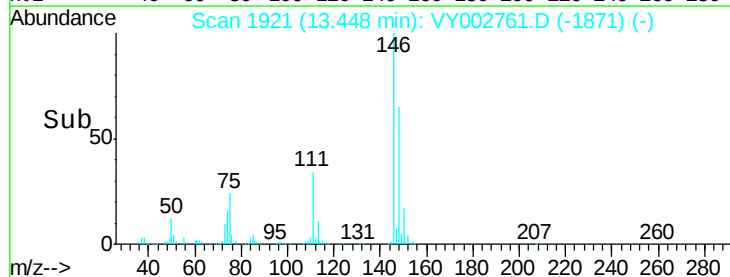
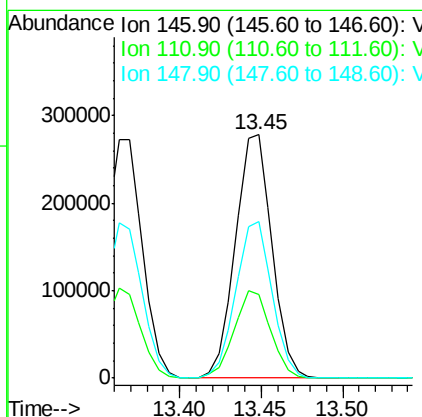
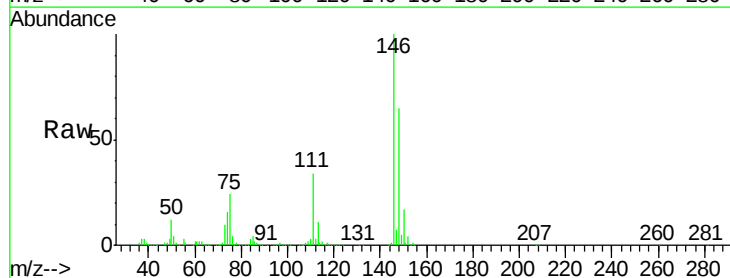
Manual Integrations
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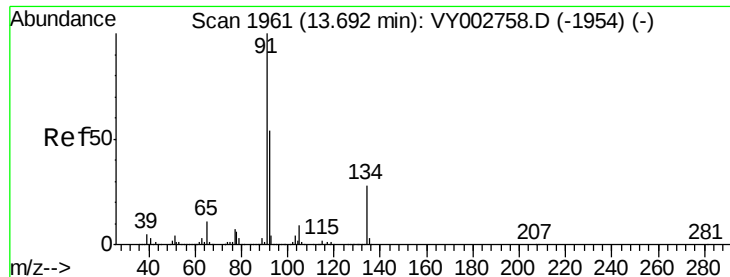
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#88
 1,4-Dichlorobenzene
 Concen: 54.070 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. 0.01 min
 Lab File: VY002761.D
 Acq: 27 May 2020 13:40

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	434059		
111	35.5	18.1	54.3	
148	64.0	32.1	96.3	





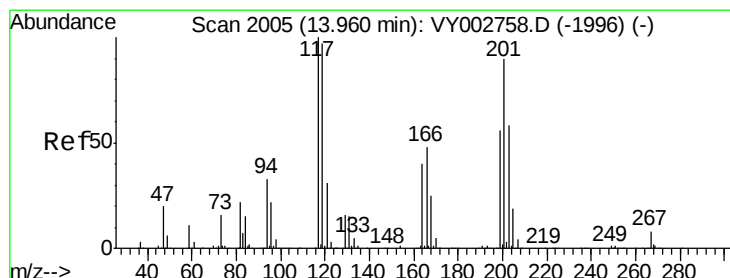
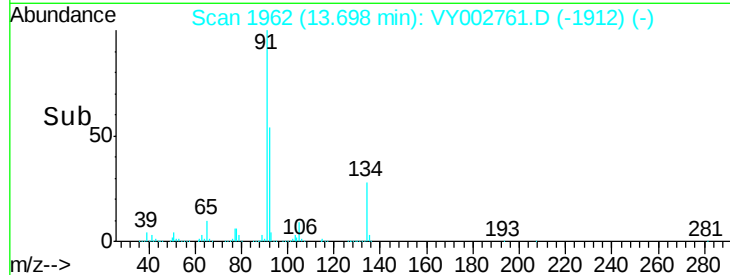
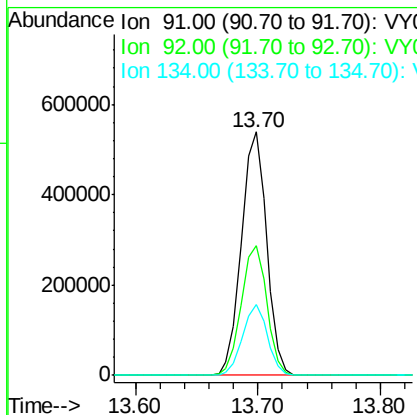
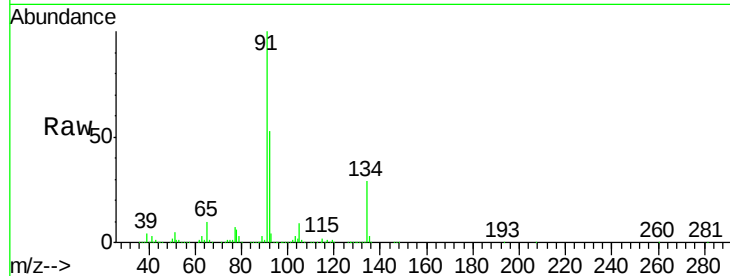
#89
n-Butylbenzene
Concen: 55.000 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY002761.D
Acq: 27 May 2020 13:40

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY052720

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	54.0	27.1	81.2	
134	28.7	14.3	42.9	

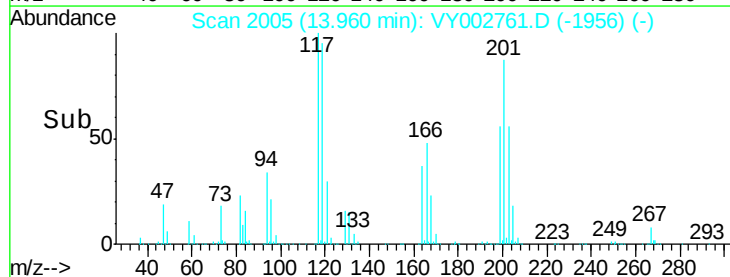
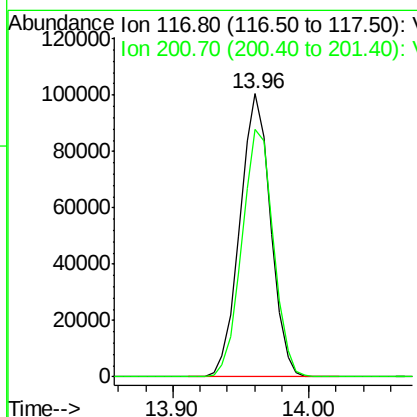
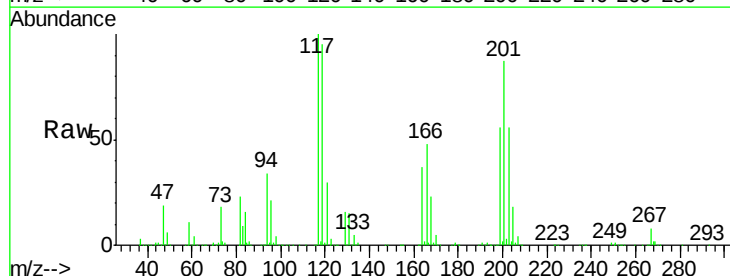
Manual Integrations
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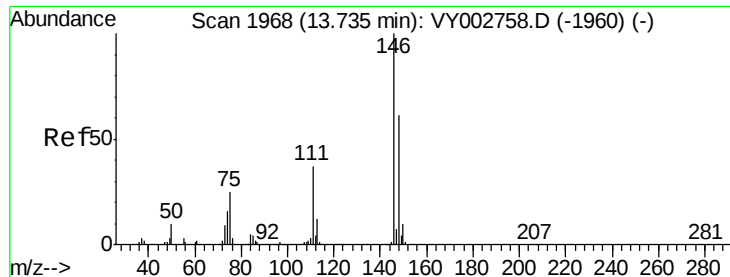
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#90
Hexachloroethane
Concen: 54.796 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY002761.D
Acq: 27 May 2020 13:40

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	89.5	43.9	131.6	





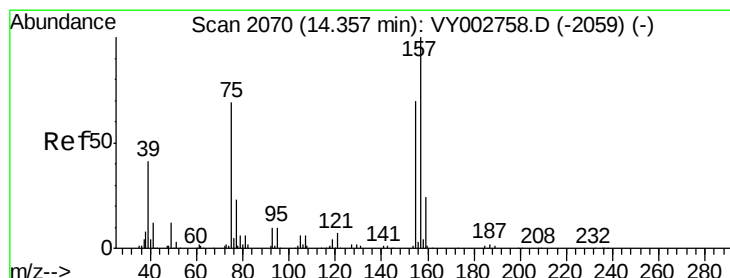
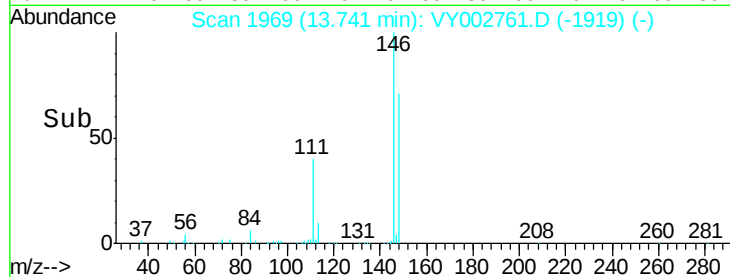
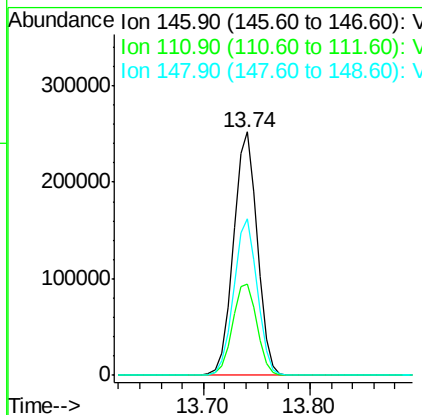
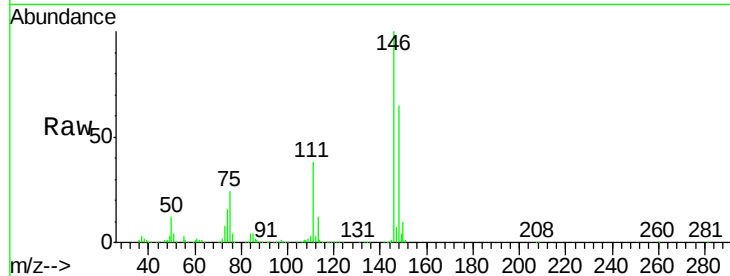
#91
 1,2-Dichlorobenzene
 Concen: 54.199 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.01 min
 Lab File: VY002761.D
 Acq: 27 May 2020 13:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY052720

Tot Ion	Ratio	Resp	Lower	Upper
146	100	394455		
111	38.5	18.9	56.9	
148	63.8	31.9	95.5	

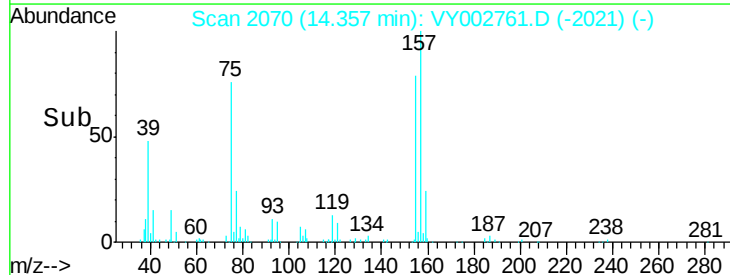
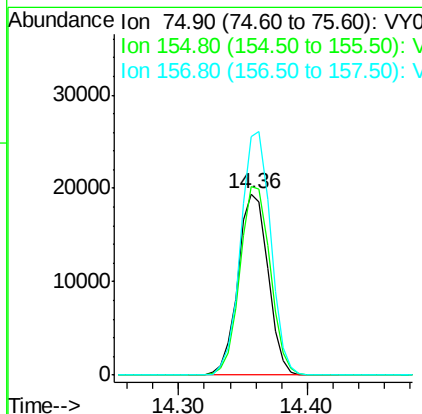
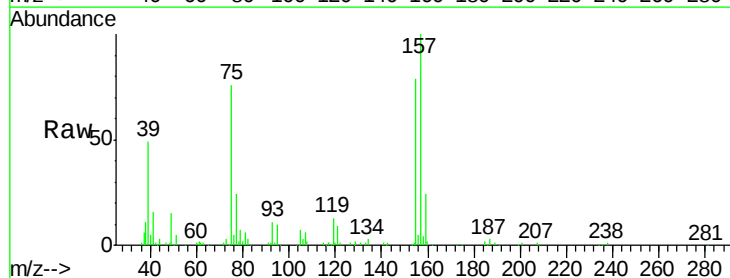
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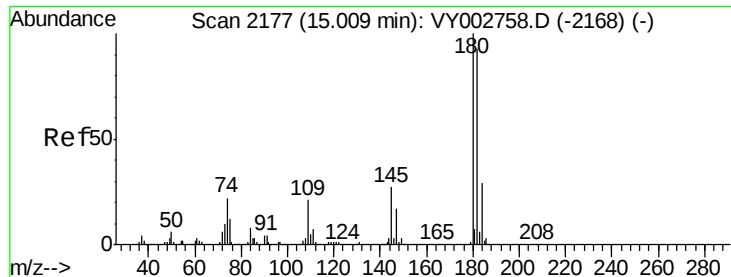
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 57.325 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY002761.D
 Acq: 27 May 2020 13:40

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	31485		
155	104.1	53.5	160.5	
157	132.0	69.9	209.7	





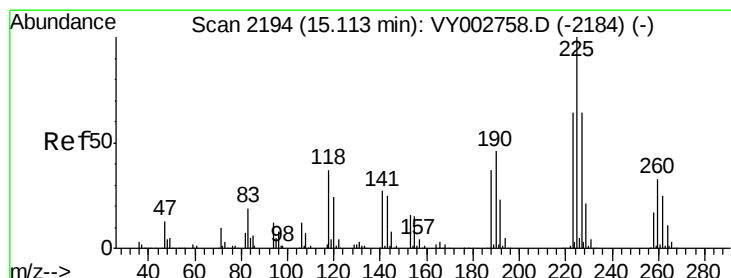
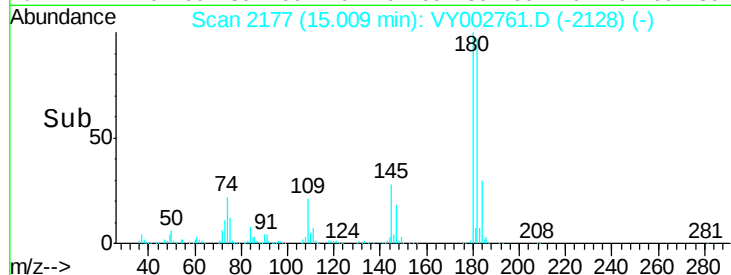
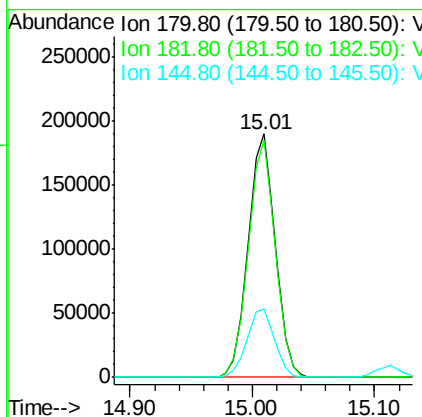
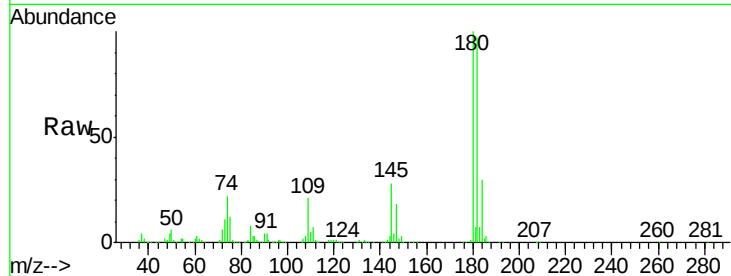
#93
 1,2,4-Trichlorobenzene
 Concen: 53.484 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: VY002761.D
 Acq: 27 May 2020 13:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY052720

Tot Ion	Ratio	Resp	Lower	Upper
180	100	293398		
182	96.6	47.3	141.9	
145	28.7	14.1	42.3	

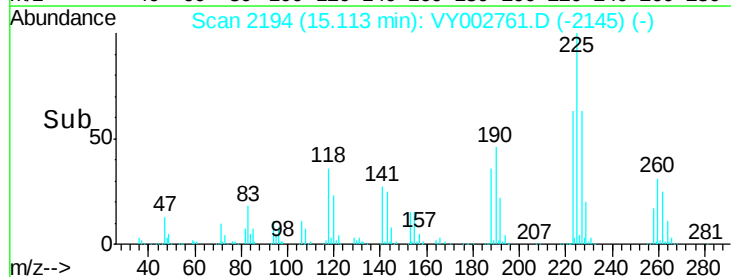
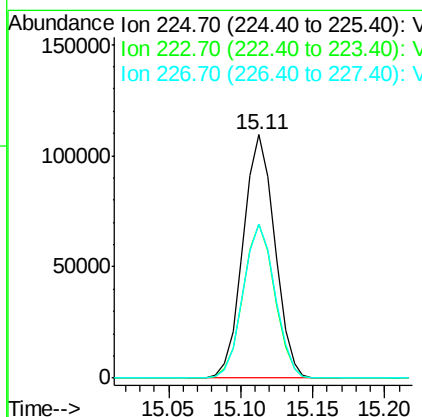
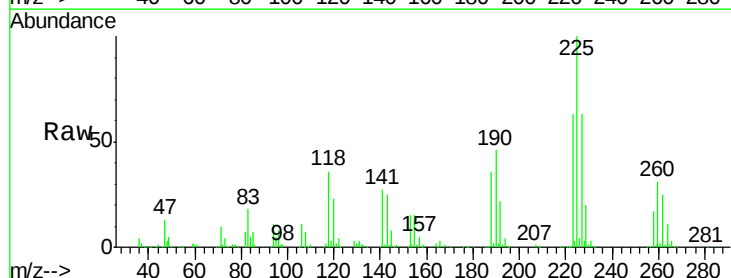
Manual Integrations
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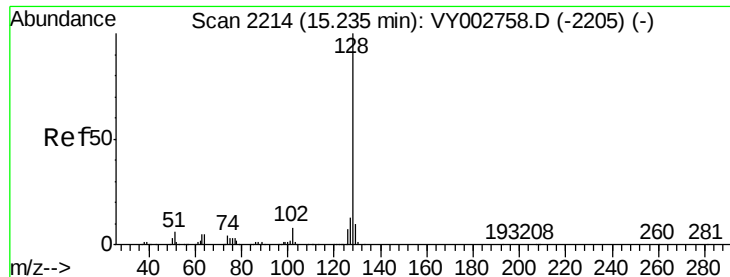
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#94
 Hexachlorobutadiene
 Concen: 53.587 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY002761.D
 Acq: 27 May 2020 13:40

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	166732		
223	63.0	31.6	95.0	
227	63.7	32.3	96.9	





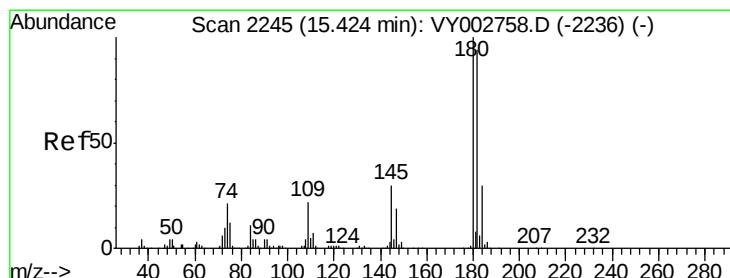
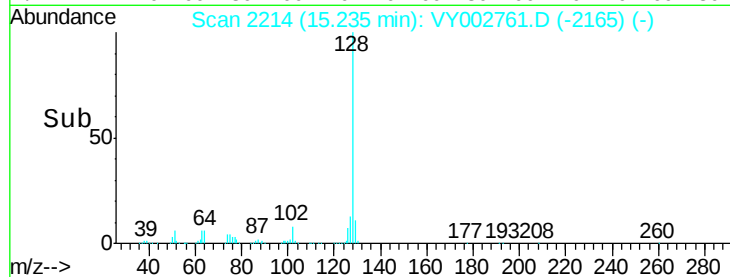
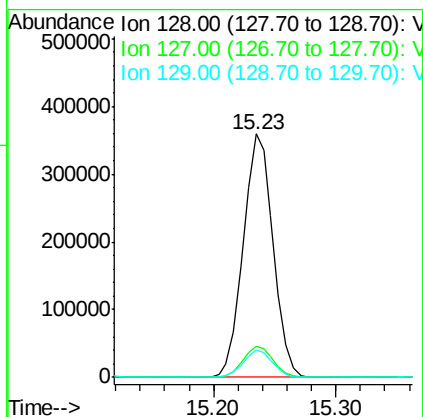
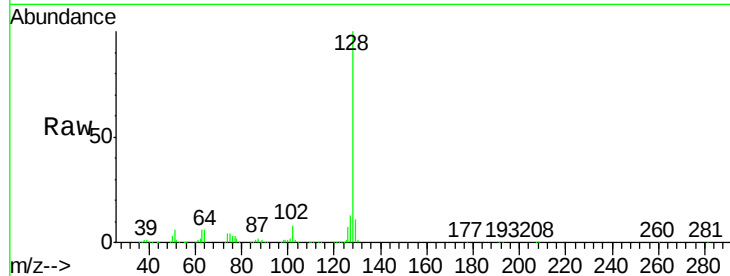
#95
Naphthalene
Concen: 54.976 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY002761.D
Acq: 27 May 2020 13:40

Instrument :
MSVOA_Y
ClientSampleId :
ICVY052720

Tot Ion	Ratio	Resp	Lower	Upper
128	100	604686		
127	12.9		10.3	15.5
129	11.0		8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 53.955 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY002761.D
Acq: 27 May 2020 13:40

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	264312		
182	95.8		48.1	144.4
145	29.8		15.1	45.3

