

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY062920\
 Data File : VY003000.D
 Acq On : 29 Jun 2020 11:31
 Operator : SY/MD
 Sample : VSTDIC010
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

MMDadoda
 6/30/2020 12:54:03 PM

Quant Time: Jun 29 17:48:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:26:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	469183	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	691468	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	630861	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	335192	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	44588	9.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.14%	
35) Dibromofluoromethane	7.72	113	42595	9.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.74%	
50) Toluene-d8	10.18	98	155323	9.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.34%	
62) 4-Bromofluorobenzene	12.48	95	54529	9.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.28%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	33425	9.407	ug/l	98
3) Chloromethane	2.12	50	54202	10.417	ug/l	99
4) Vinyl Chloride	2.26	62	50820	10.013	ug/l	93
5) Bromomethane	2.65	94	34789	10.095	ug/l	97
6) Chloroethane	2.79	64	32605	10.098	ug/l	95
7) Trichlorofluoromethane	3.13	101	71079	9.922	ug/l	97
8) Diethyl Ether	3.53	74	24616	10.023	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.91	101	43112	10.079	ug/l	99
10) Methyl Iodide	4.10	142	50998	9.615	ug/l	99
11) Tert butyl alcohol	4.96	59	24545	51.684	ug/l	100
12) 1,1-Dichloroethene	3.88	96	41164	10.114	ug/l	95
13) Acrolein	3.74	56	22384	52.479	ug/l	99
14) Allyl chloride	4.49	41	71728	10.094	ug/l	100
15) Acrylonitrile	5.18	53	63177	49.915	ug/l	100
16) Acetone	3.95	43	53792	48.945	ug/l	96
17) Carbon Disulfide	4.20	76	131760	10.133	ug/l	97
18) Methyl Acetate	4.49	43	29059	9.814	ug/l	100
19) Methyl tert-butyl Ether	5.23	73	117601	9.913	ug/l	94
20) Methylene Chloride	4.72	84	72173	11.766	ug/l	93
21) trans-1,2-Dichloroethene	5.22	96	48529	10.542	ug/l	93
22) Diisopropyl ether	6.13	45	152468	10.011	ug/l	98
23) Vinyl Acetate	6.07	43	505941	49.689	ug/l	99
24) 1,1-Dichloroethane	6.04	63	84243	10.126	ug/l	99
25) 2-Butanone	6.99	43	85800	49.146	ug/l	98
26) 2,2-Dichloropropane	6.99	77	77863	10.301	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	52430	10.154	ug/l	99
28) Bromochloromethane	7.34	49	35413	9.567	ug/l	96
29) Tetrahydrofuran	7.35	42	57875	49.850	ug/l	98
30) Chloroform	7.52	83	83936	10.184	ug/l	99
31) Cyclohexane	7.79	56	85517	10.434	ug/l	# 80
32) 1,1,1-Trichloroethane	7.71	97	76624	10.185	ug/l	99
36) 1,1-Dichloropropene	7.93	75	68570	10.295	ug/l	99
37) Ethyl Acetate	7.08	43	39036	9.748	ug/l	96
38) Carbon Tetrachloride	7.91	117	69462	10.024	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	82967	10.047	ug/l	97
40) Benzene	8.16	78	185326	10.163	ug/l	99
41) Methacrylonitrile	7.33	41	19503m	3.971	ug/l	
42) 1,2-Dichloroethane	8.24	62	56942	9.871	ug/l	97
43) Isopropyl Acetate	8.28	43	75922	9.973	ug/l	98
44) Trichloroethene	8.94	130	53823	10.155	ug/l	96
45) 1,2-Dichloropropane	9.22	63	49501	10.090	ug/l	98
46) Dibromomethane	9.31	93	28254	10.312	ug/l	96
47) Bromodichloromethane	9.50	83	67387	10.044	ug/l	99
48) Methyl methacrylate	9.30	41	34276	9.891	ug/l	98
49) 1,4-Dioxane	9.30	88	6680	199.721	ug/l	94
51) 4-Methyl-2-Pentanone	10.07	43	194170	49.346	ug/l	99
52) Toluene	10.24	92	116297	10.131	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	70019	9.954	ug/l	95
54) cis-1,3-Dichloropropene	9.93	75	81177	10.091	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	39420	10.353	ug/l	98
56) Ethyl methacrylate	10.51	69	53621	9.729	ug/l	98
57) 1,3-Dichloropropane	10.79	76	67609	10.115	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	126906	44.896	ug/l	100
59) 2-Hexanone	10.83	43	137814	50.108	ug/l	98
60) Dibromochloromethane	10.99	129	49093	10.076	ug/l	98
61) 1,2-Dibromoethane	11.09	107	38015	10.128	ug/l	98
64) Tetrachloroethene	10.72	164	53896	10.094	ug/l	98
65) Chlorobenzene	11.52	112	126593	10.177	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	48194	9.923	ug/l	99
67) Ethyl Benzene	11.59	91	231107	10.155	ug/l	98
68) m/p-Xylenes	11.70	106	171293	20.224	ug/l	100
69) o-Xylene	12.03	106	79776	9.995	ug/l	100
70) Styrene	12.04	104	135956	9.971	ug/l	99
71) Bromoform	12.20	173	32643	10.080	ug/l #	99
73) Isopropylbenzene	12.33	105	219083	9.987	ug/l	99
74) N-amyl acetate	12.14	43	70115	9.818	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	44983	10.161	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	34855m	6.084	ug/l	
77) Bromobenzene	12.61	156	55430	9.855	ug/l	99
78) n-propylbenzene	12.67	91	268621	10.182	ug/l	100
79) 2-Chlorotoluene	12.75	91	148401	10.078	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	186253	10.118	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	17687	10.373	ug/l #	82
82) 4-Chlorotoluene	12.85	91	158217	10.319	ug/l	99
83) tert-Butylbenzene	13.08	119	162837	10.074	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	186452	10.052	ug/l	100
85) sec-Butylbenzene	13.25	105	224588	10.081	ug/l	99
86) p-Isopropyltoluene	13.37	119	209597	10.153	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	105578	10.054	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	106680	10.303	ug/l	97
89) n-Butylbenzene	13.69	91	201620	10.207	ug/l	100
90) Hexachloroethane	13.96	117	40866	9.969	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	97490	10.348	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	7805	9.959	ug/l	97

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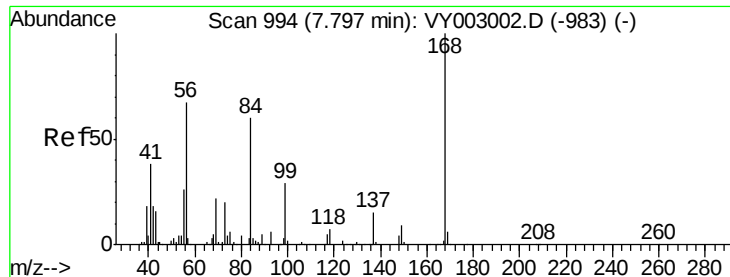
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	72933	10.418	ug/l	98
94) Hexachlorobutadiene	15.11	225	45359	10.272	ug/l	99
95) Naphthalene	15.23	128	126873	9.922	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	62961	10.357	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003000.D

Acq: 29 Jun 2020 11:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion:168 Resp: 469183

Ion Ratio Lower Upper

168 100

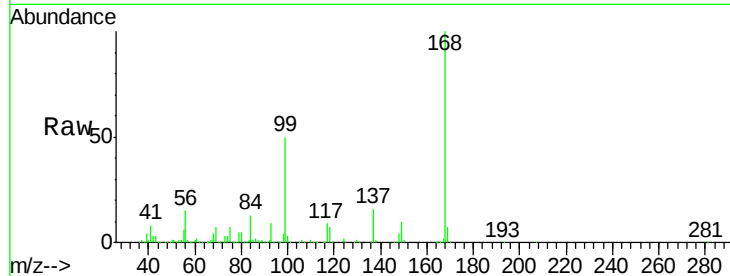
99 49.5 39.2 58.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY003002.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY003002.D (-983) (-)

7.80

200000

150000

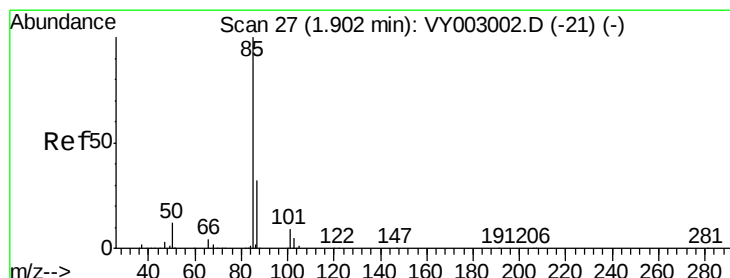
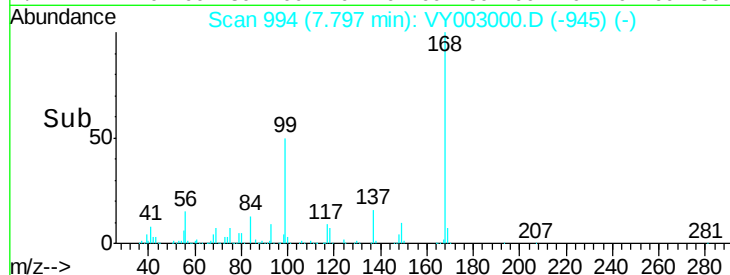
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50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 9.407 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY003000.D

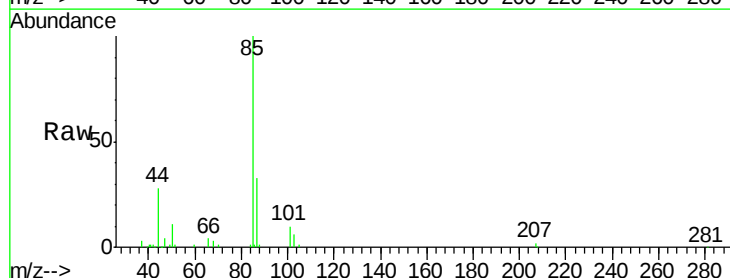
Acq: 29 Jun 2020 11:31

Tgt Ion: 85 Resp: 33425

Ion Ratio Lower Upper

85 100

87 32.7 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VY003002.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY003002.D (-21) (-)

1.90

25000

20000

15000

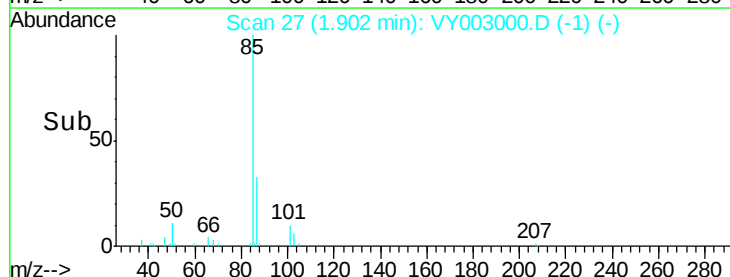
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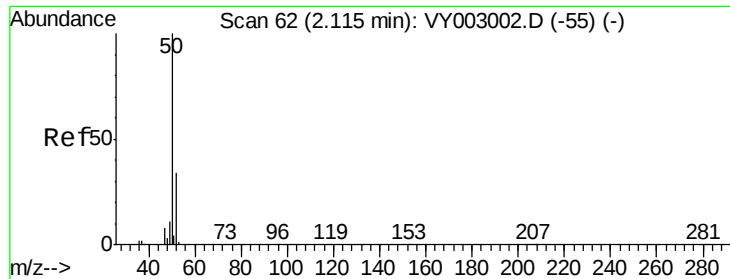
5000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 10.417 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003000.D

Acq: 29 Jun 2020 11:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 50 Resp: 54202

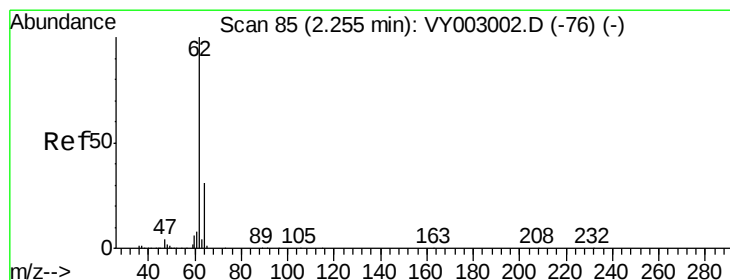
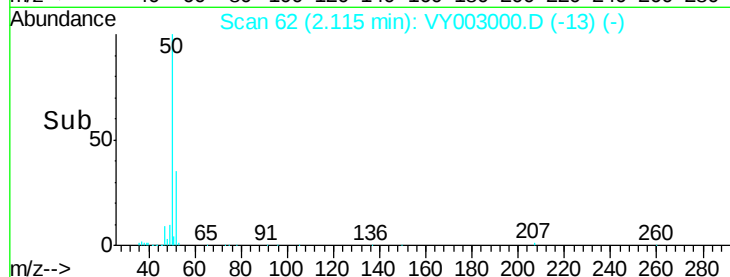
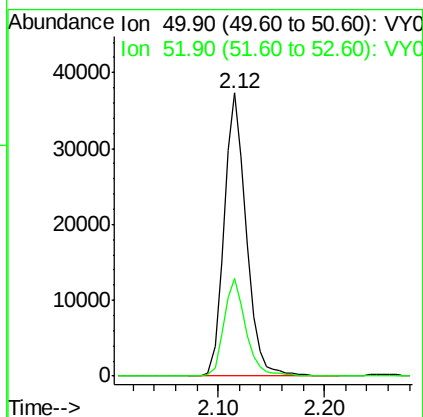
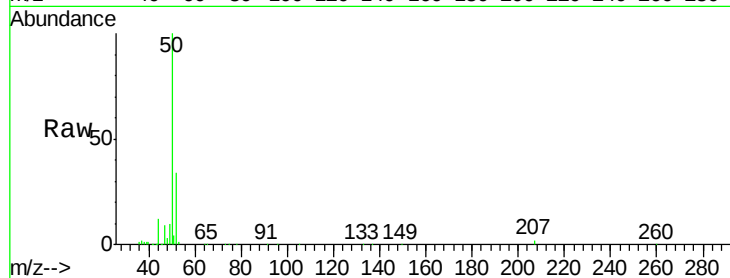
Ion Ratio Lower Upper

50 100

52 34.4 26.9 40.3

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#4

Vinyl Chloride

Concen: 10.013 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.00 min

Lab File: VY003000.D

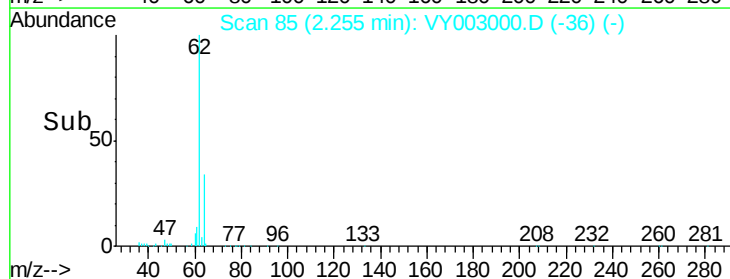
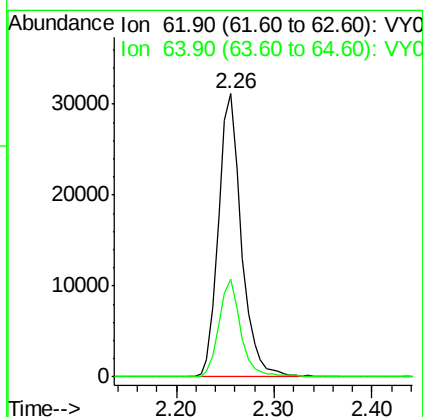
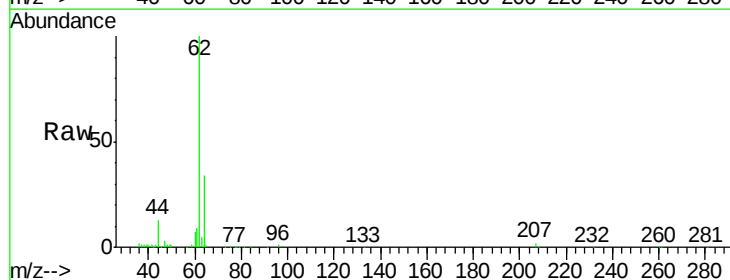
Acq: 29 Jun 2020 11:31

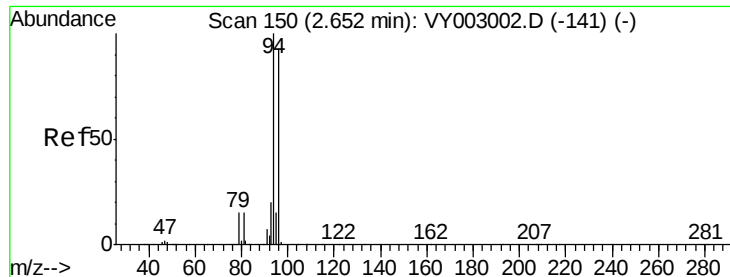
Tgt Ion: 62 Resp: 50820

Ion Ratio Lower Upper

62 100

64 34.4 24.4 36.6





#5

Bromomethane

Concen: 10.095 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.00 min

Lab File: VY003000.D

Acq: 29 Jun 2020 11:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 94 Resp: 34789

Ion Ratio Lower Upper

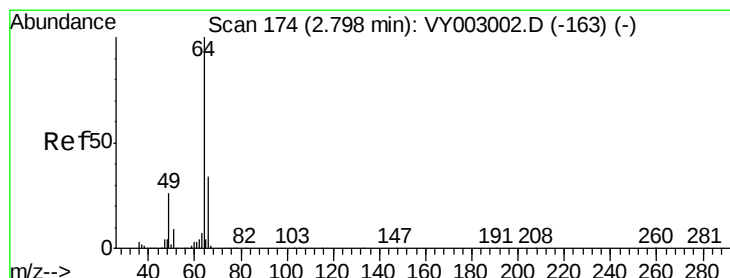
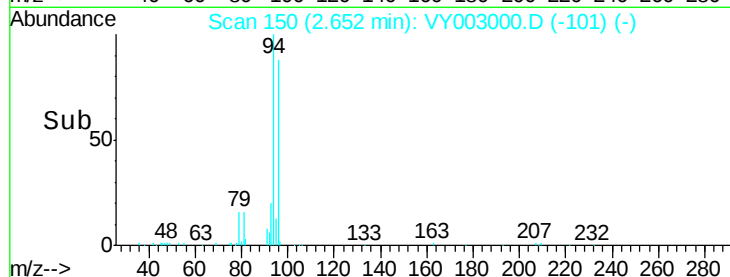
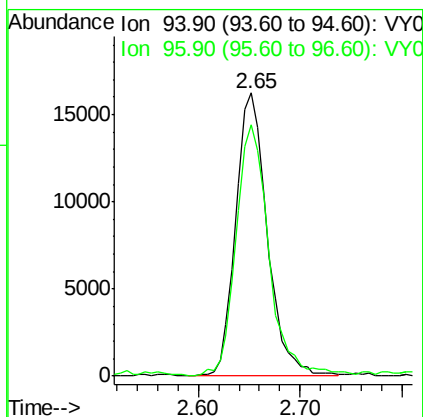
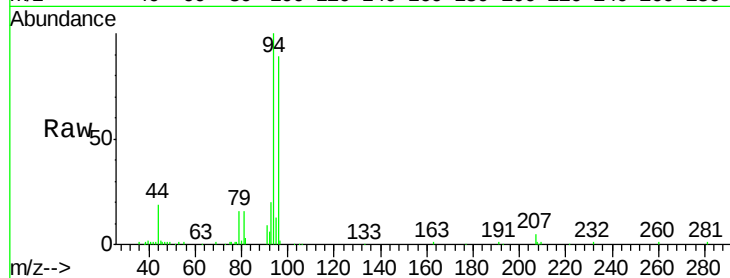
94 100

96 88.9 73.4 110.2

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#6

Chloroethane

Concen: 10.098 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.01 min

Lab File: VY003000.D

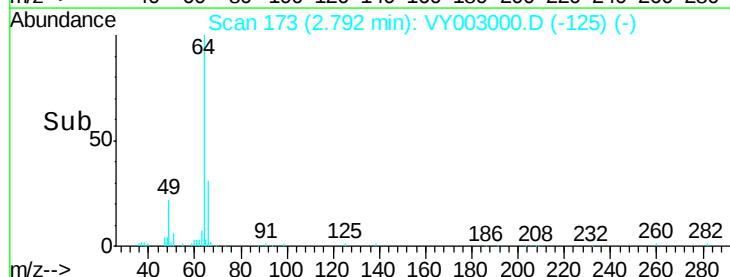
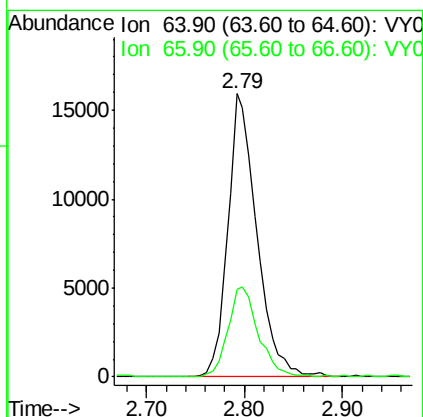
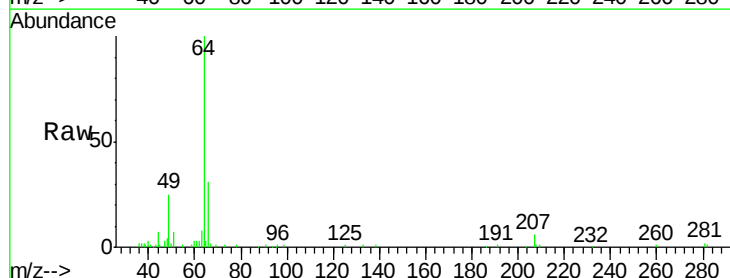
Acq: 29 Jun 2020 11:31

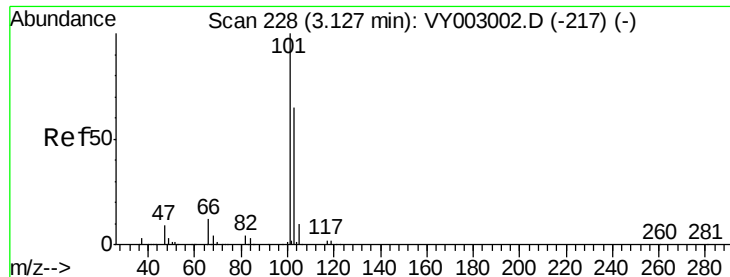
Tgt Ion: 64 Resp: 32605

Ion Ratio Lower Upper

64 100

66 30.9 27.0 40.4





#7

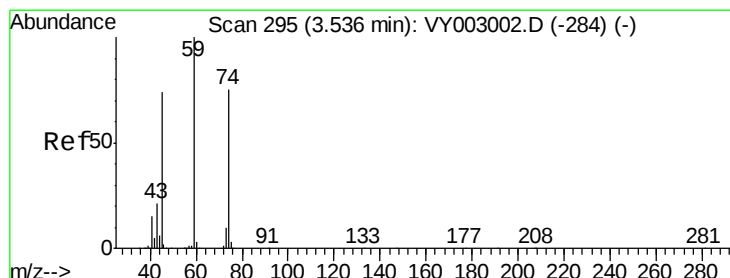
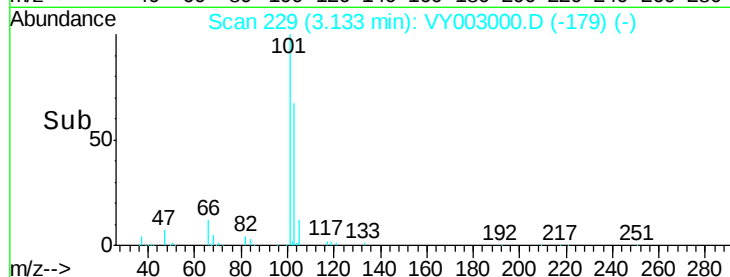
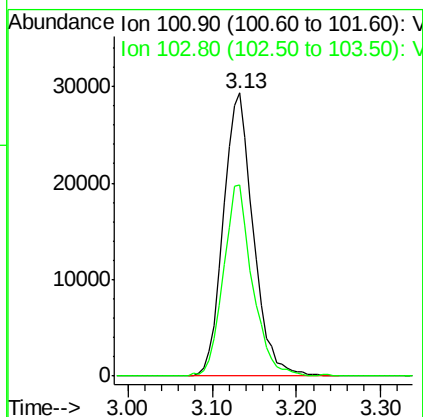
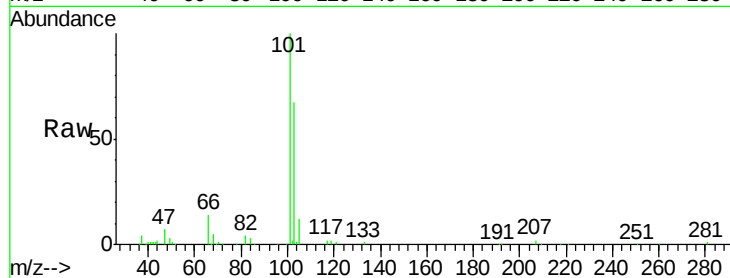
Trichlorofluoromethane
Concen: 9.922 ug/l
RT: 3.13 min Scan# 229
Delta R.T. 0.01 min
Lab File: VY003000.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	67.2	51.6	77.4

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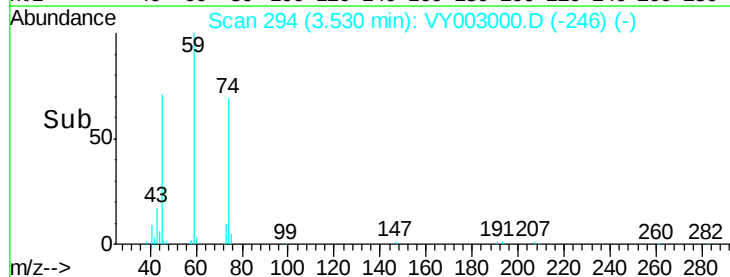
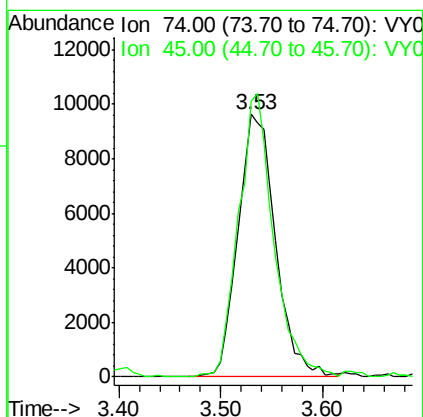
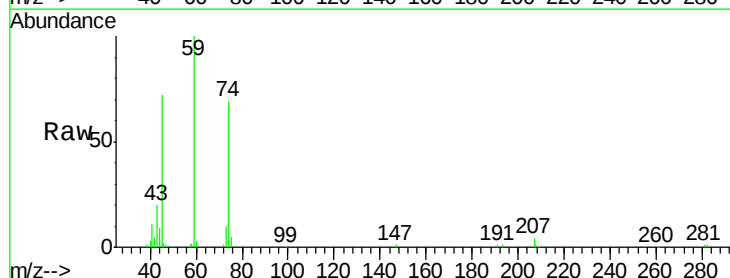
MMDadoda
6/30/2020 12:54:03 PM

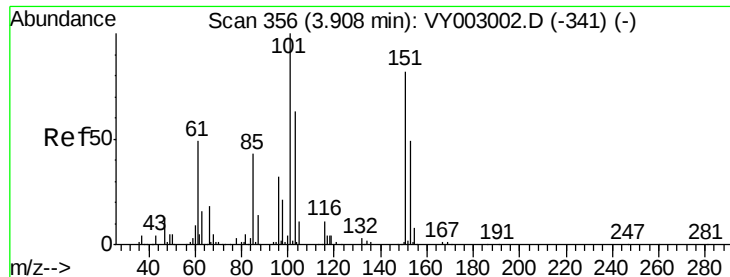


#8

Diethyl Ether
Concen: 10.023 ug/l
RT: 3.53 min Scan# 294
Delta R.T. -0.01 min
Lab File: VY003000.D
Acq: 29 Jun 2020 11:31

Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.1	49.3	147.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 10.079 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.00 min

Lab File: VY003000.D

Acq: 29 Jun 2020 11:31

Instrument :

MSVOA_Y

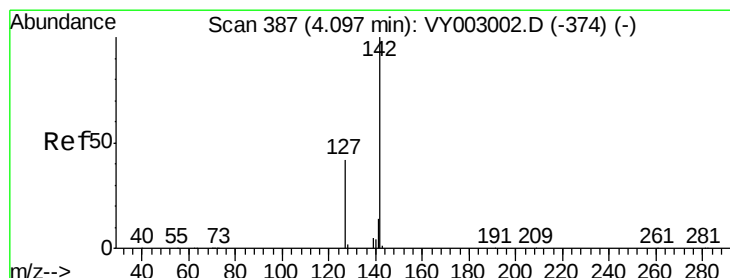
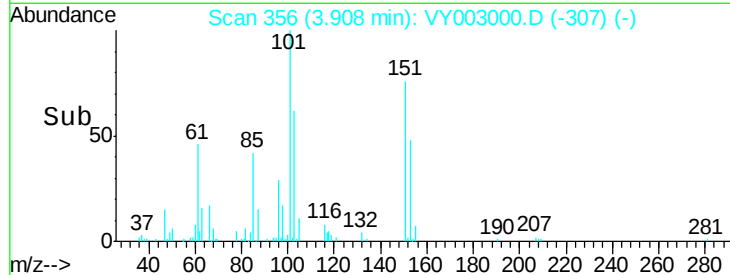
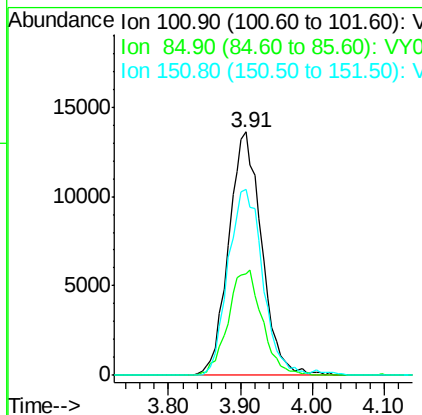
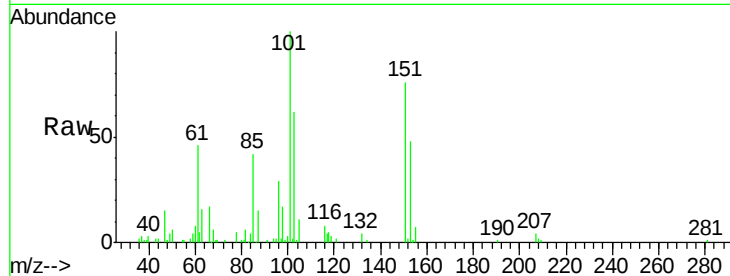
ClientSampleId :

VSTDIC010

Tot Ion:	101	Resp:	43112
Ion Ratio	Lower	Upper	
101	100		
85	44.6	35.5	53.3
151	80.3	65.5	98.3

Manual Integrations
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#10

Methyl Iodide

Concen: 9.615 ug/l

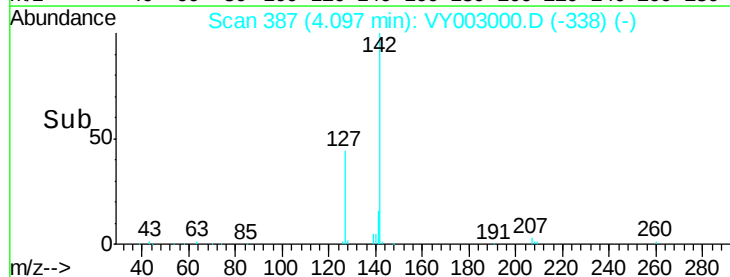
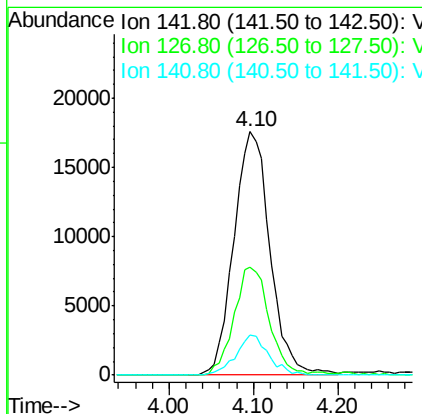
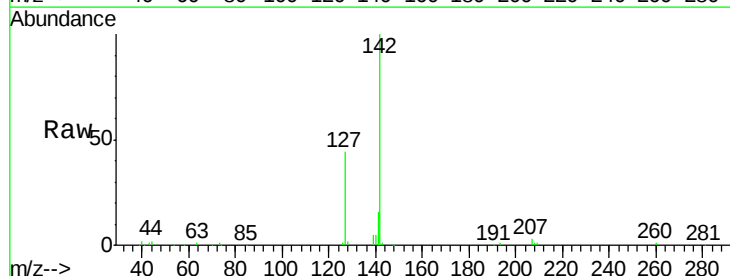
RT: 4.10 min Scan# 387

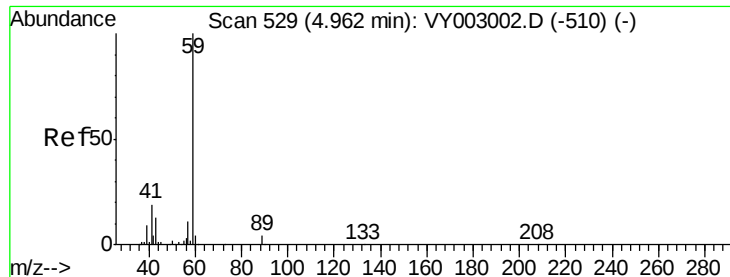
Delta R.T. -0.00 min

Lab File: VY003000.D

Acq: 29 Jun 2020 11:31

Tgt Ion:	142	Resp:	50998
Ion Ratio	Lower	Upper	
142	100		
127	43.4	34.2	51.2
141	14.7	11.7	17.5





#11

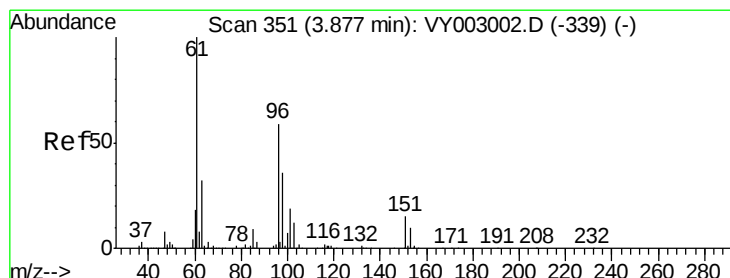
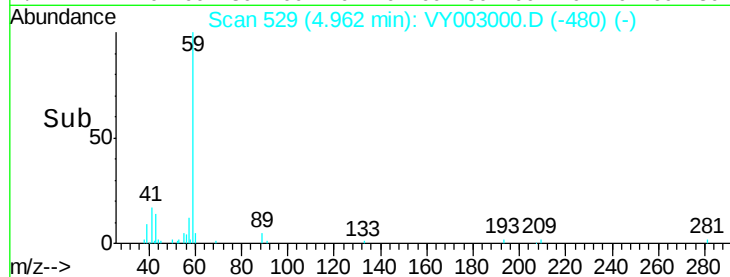
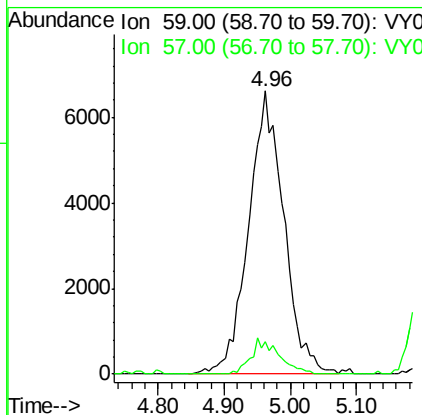
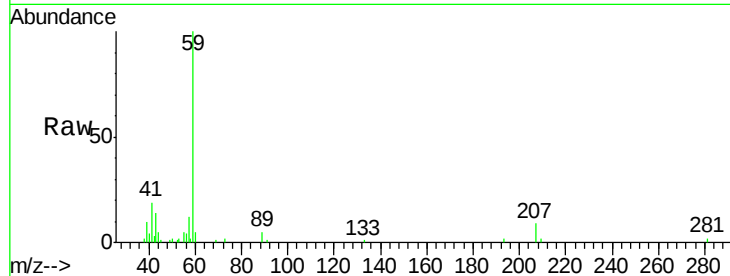
Tert butyl alcohol
 Concen: 51.684 ug/l
 RT: 4.96 min Scan# 529
 Delta R.T. -0.00 min
 Lab File: VY003000.D
 Acq: 29 Jun 2020 11:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.0	8.0	12.0

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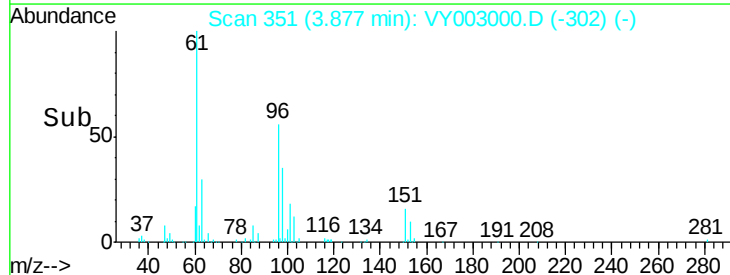
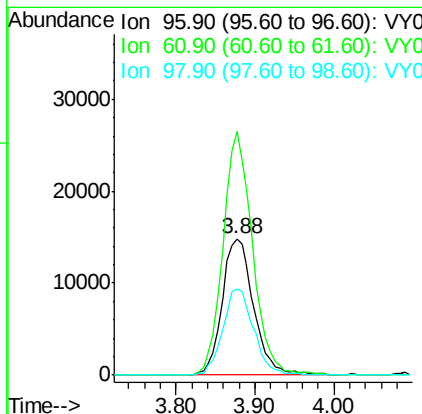
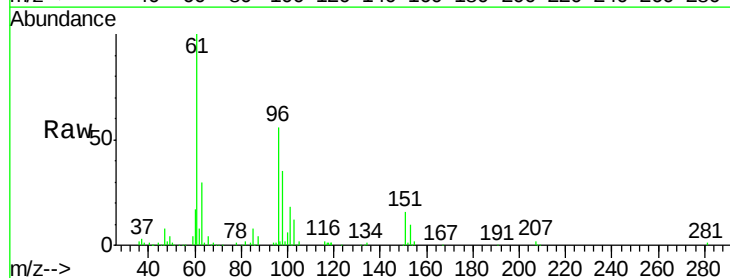
MMDadoda
 6/30/2020 12:54:03 PM

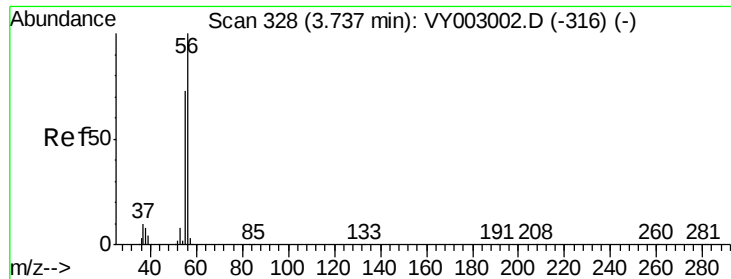


#12

1,1-Dichloroethene
 Concen: 10.114 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VY003000.D
 Acq: 29 Jun 2020 11:31

Tgt Ion	Ratio	Lower	Upper
96	100		
61	178.8	136.7	205.1
98	63.4	49.7	74.5





#13

Acrolein

Concen: 52.479 ug/l

RT: 3.74 min Scan# 329

Delta R.T. 0.01 min

Lab File: VY003000.D

Acq: 29 Jun 2020 11:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 56 Resp: 22384

Ion Ratio Lower Upper

56 100

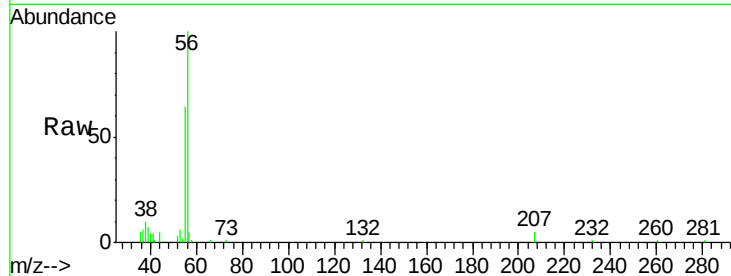
55 69.5 56.4 84.6

Manual Integrations

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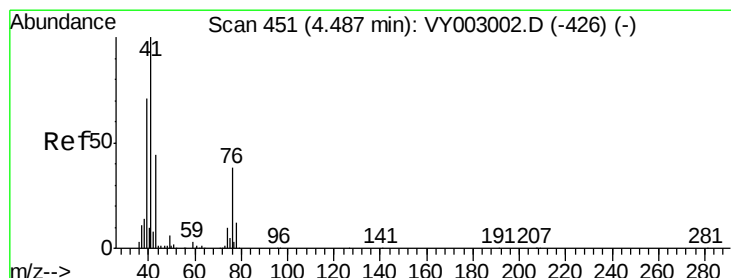
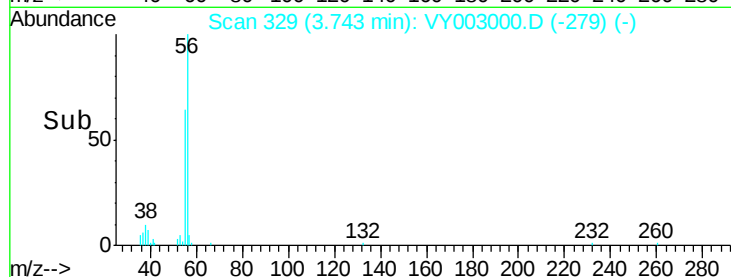
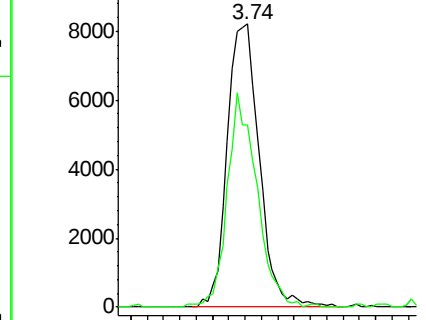
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Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 10.094 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY003000.D

Acq: 29 Jun 2020 11:31

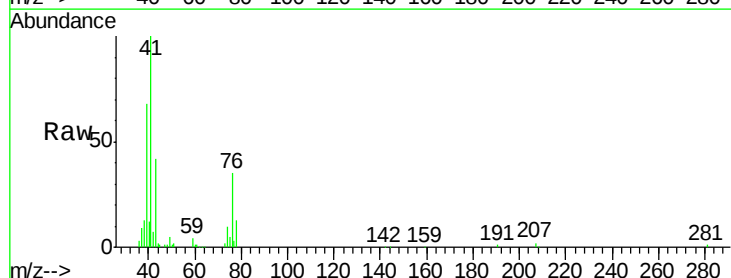
Tgt Ion: 41 Resp: 71728

Ion Ratio Lower Upper

41 100

39 69.7 55.6 83.4

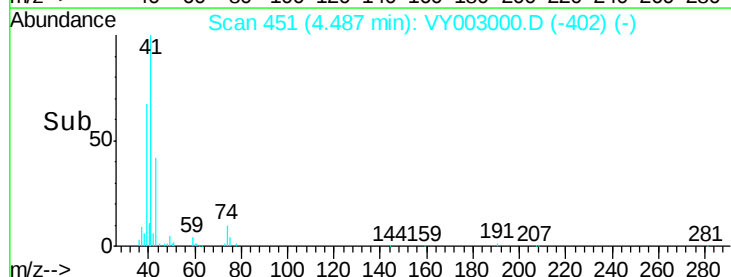
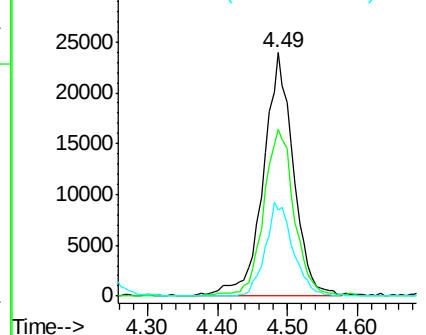
76 35.2 28.6 43.0

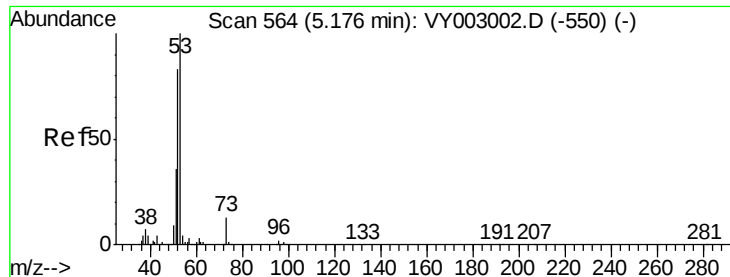


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 49.915 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.00 min

Lab File: VY003000.D

Acq: 29 Jun 2020 11:31

Instrument :

MSVOA_Y

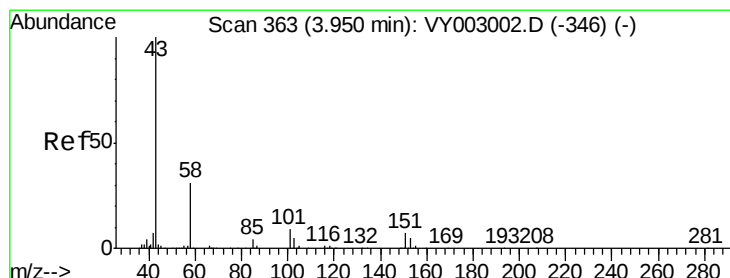
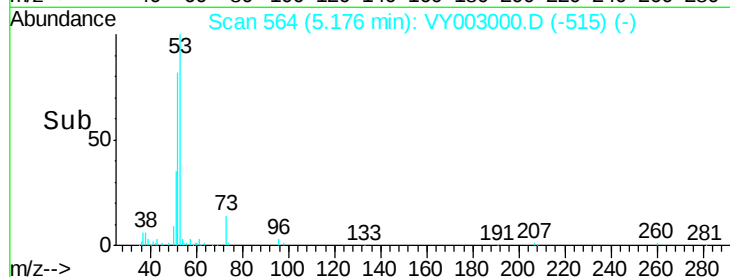
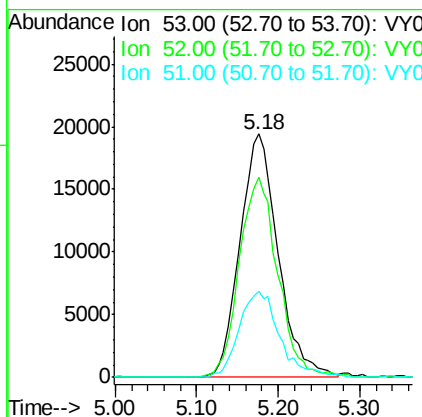
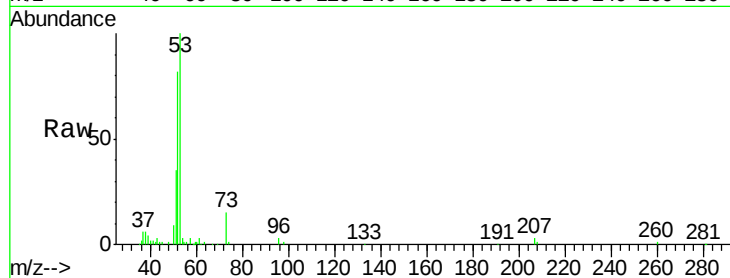
ClientSampleId :

VSTDIC010

Tot Ion:	53	Resp:	63177
Ion	Ratio	Lower	Upper
53	100		
52	82.8	66.2	99.2
51	37.7	29.5	44.3

Manual Integrations
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#16

Acetone

Concen: 48.945 ug/l

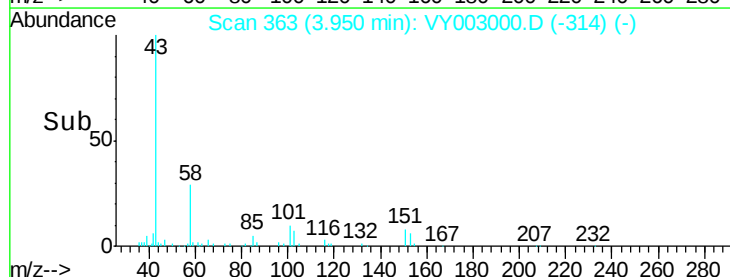
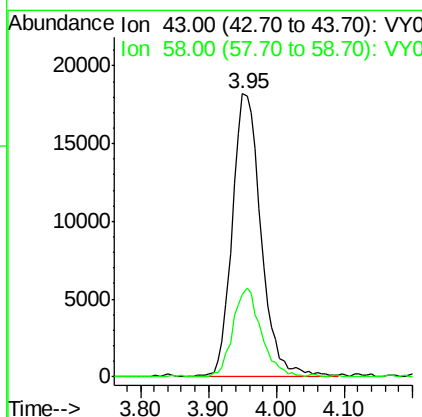
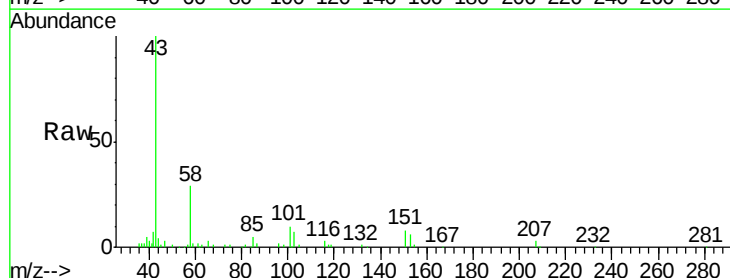
RT: 3.95 min Scan# 363

Delta R.T. -0.00 min

Lab File: VY003000.D

Acq: 29 Jun 2020 11:31

Tgt Ion:	43	Resp:	53792
Ion	Ratio	Lower	Upper
43	100		
58	28.6	24.7	37.1





#17

Carbon Disulfide

Concen: 10.133 ug/l

RT: 4.20 min Scan# 404

Delta R.T. -0.00 min

Lab File: VY003000.D

Acq: 29 Jun 2020 11:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 76 Resp: 131760

Ion Ratio Lower Upper

76 100

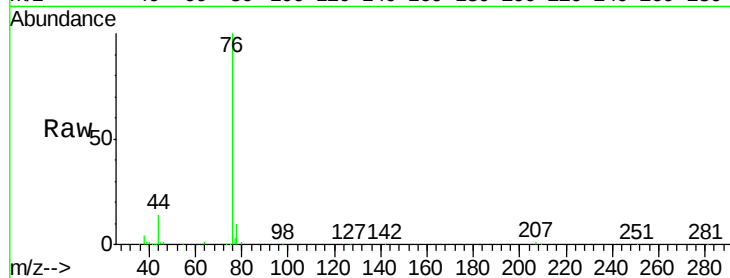
78 9.8 7.0 10.6

Manual Integrations

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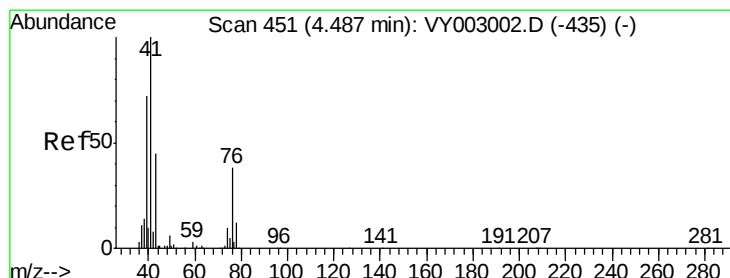
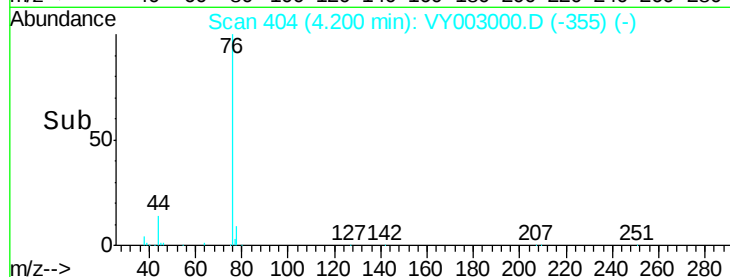
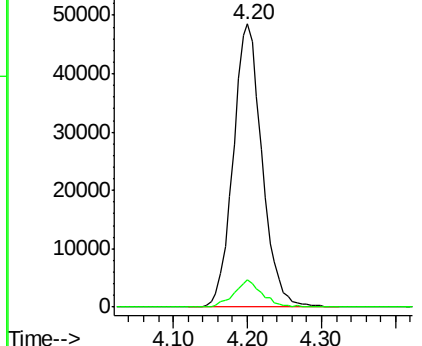
MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 9.814 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY003000.D

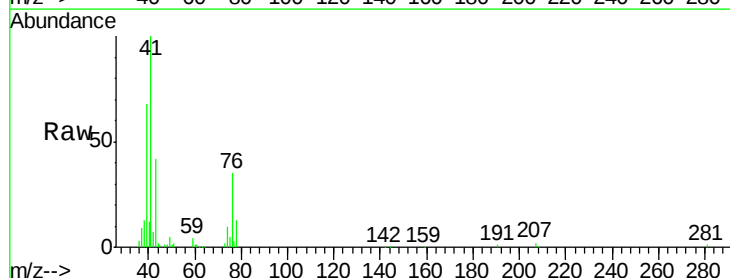
Acq: 29 Jun 2020 11:31

Tgt Ion: 43 Resp: 29059

Ion Ratio Lower Upper

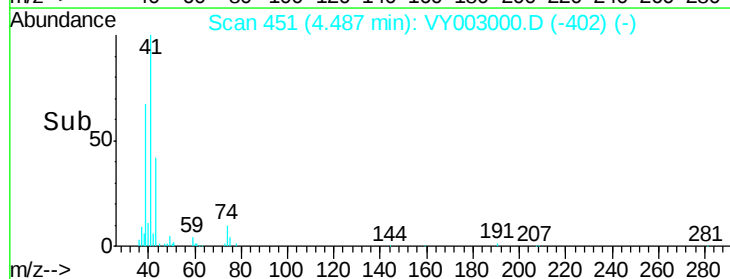
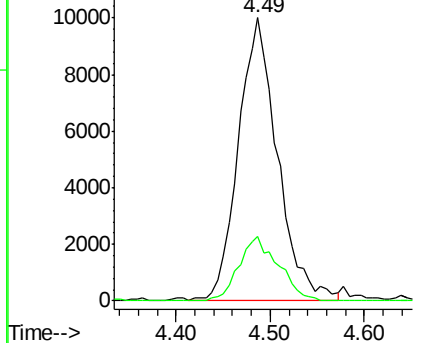
43 100

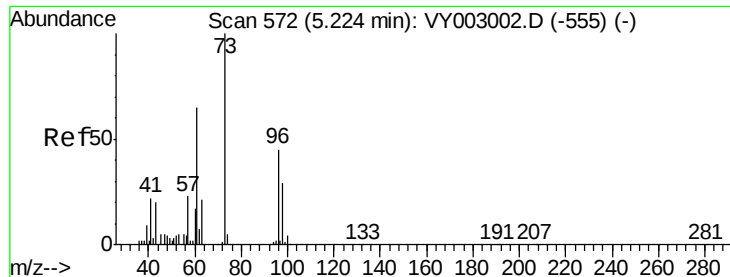
74 22.8 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0





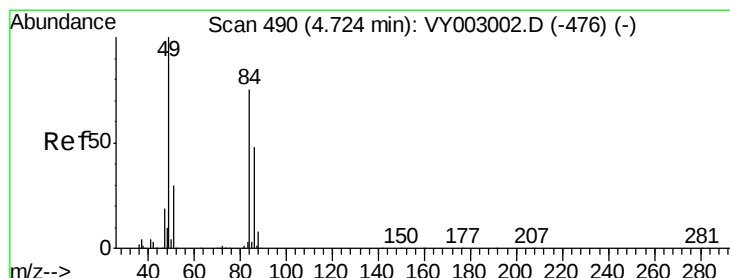
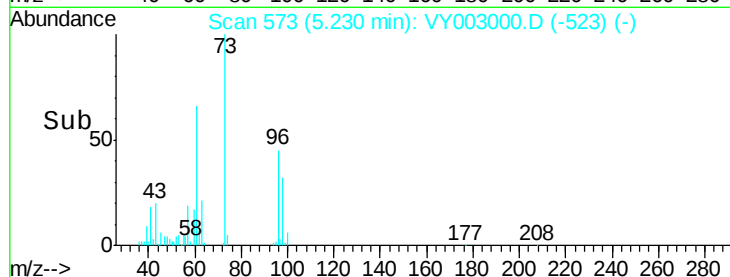
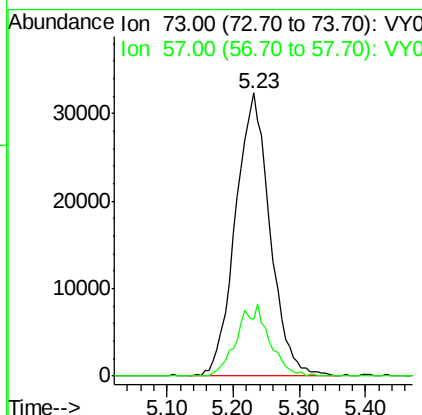
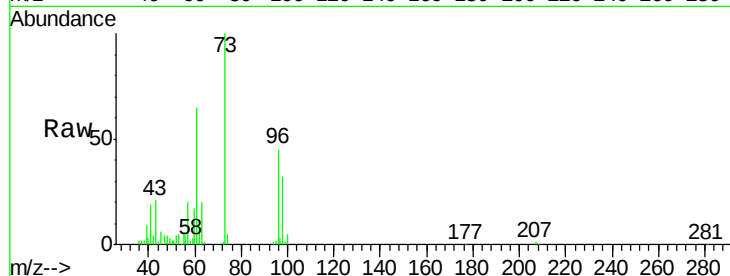
#19
Methvl tert-butvl Ether
Concen: 9.913 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.01 min
Lab File: VY003000.D
Acq: 29 Jun 2020 11:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.0	18.2	27.2

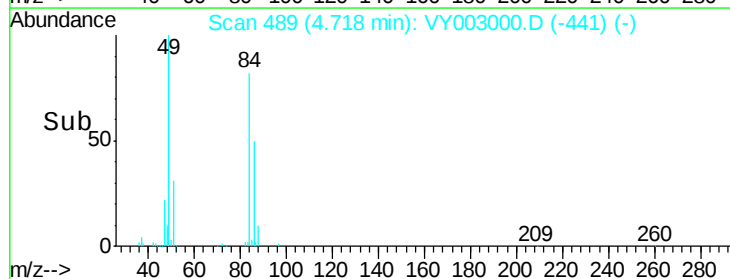
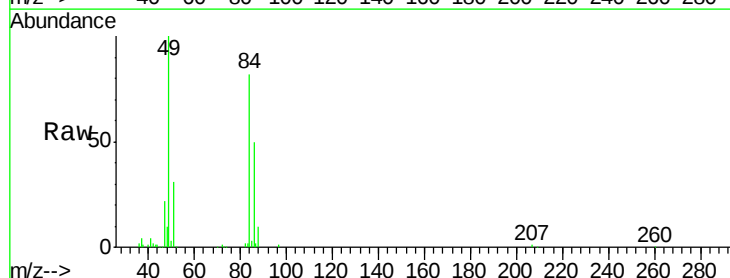
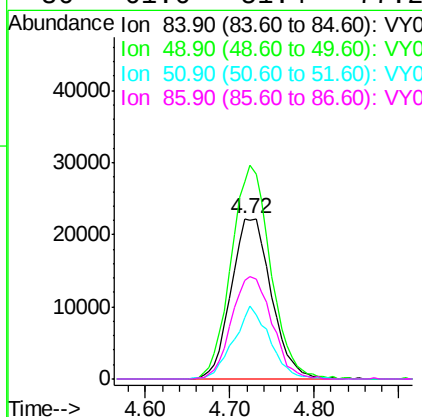
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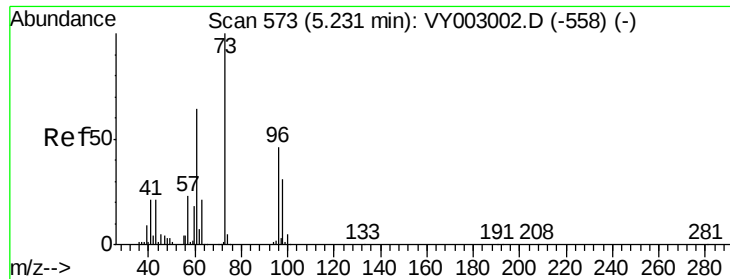
MMDadoda
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#20
Methylene Chloride
Concen: 11.766 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY003000.D
Acq: 29 Jun 2020 11:31

Tgt Ion	Ratio	Lower	Upper
84	100		
49	122.4	106.8	160.2
51	38.3	32.0	48.0
86	61.6	51.4	77.2





#21

trans-1,2-Dichloroethene

Concen: 10.542 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.01 min

Lab File: VY003000.D

Acq: 29 Jun 2020 11:31

Instrument :

MSVOA_Y

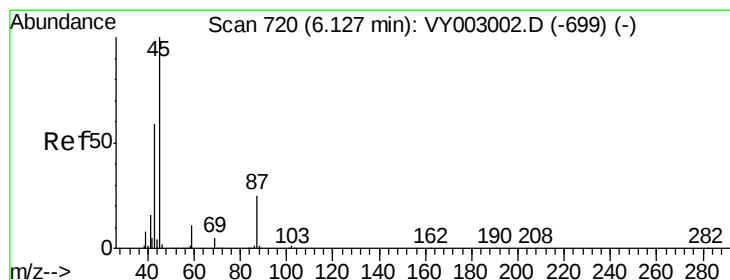
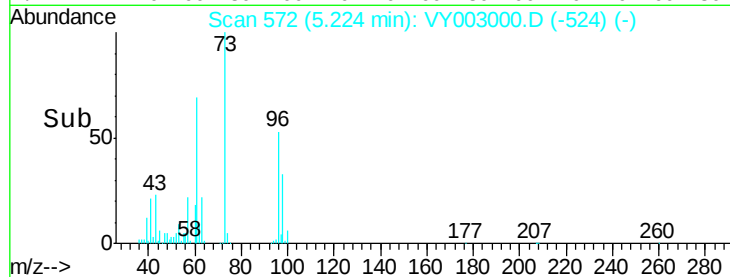
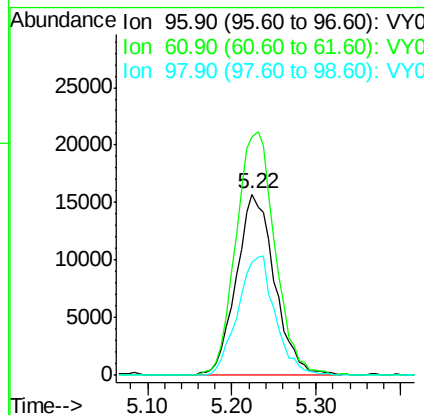
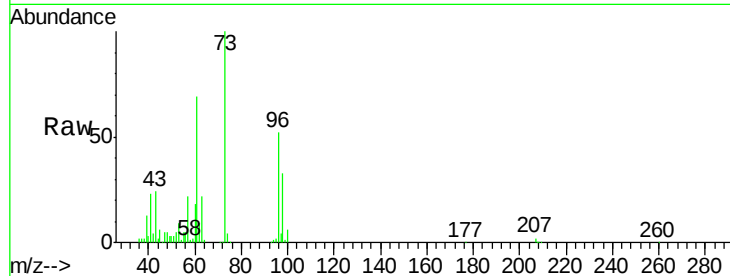
ClientSampleId :

VSTDIC010

Tot Ion:	96	Resp:	48529
Ion	Ratio	Lower	Upper
96	100		
61	131.3	112.3	168.5
98	62.7	53.8	80.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 10.011 ug/l

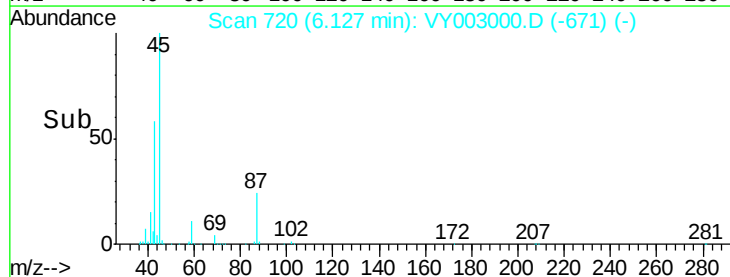
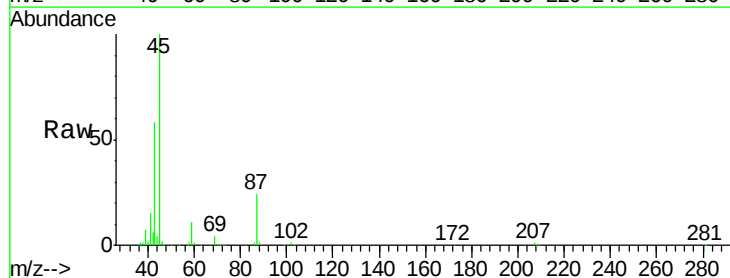
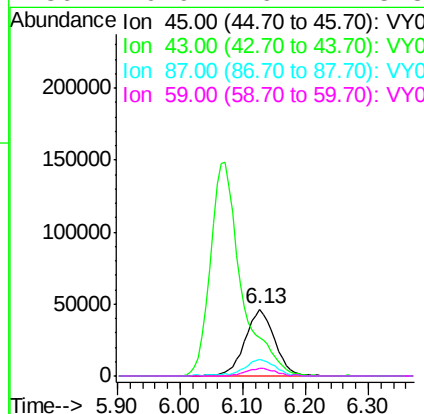
RT: 6.13 min Scan# 720

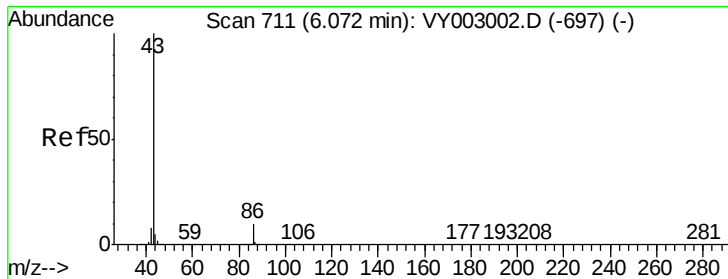
Delta R.T. -0.00 min

Lab File: VY003000.D

Acq: 29 Jun 2020 11:31

Tgt Ion:	45	Resp:	152468
Ion	Ratio	Lower	Upper
45	100		
43	57.5	47.4	71.2
87	24.3	20.2	30.2
59	10.9	9.2	13.8





#23

Vinyl Acetate

Concen: 49.689 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.00 min

Lab File: VY003000.D

Acq: 29 Jun 2020 11:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 43 Resp: 505941

Ion Ratio Lower Upper

43 100

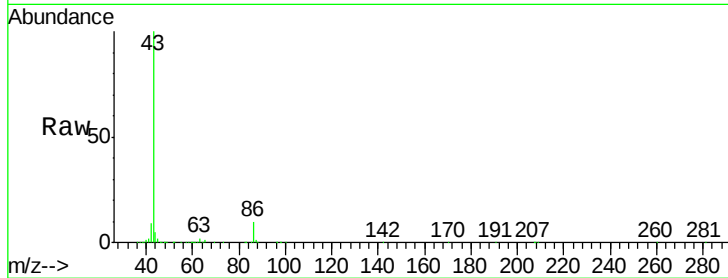
86 9.6 8.1 12.1

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.07

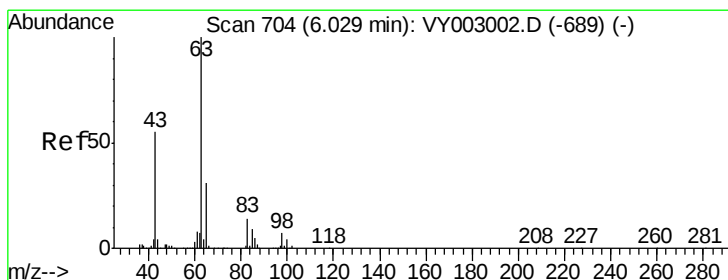
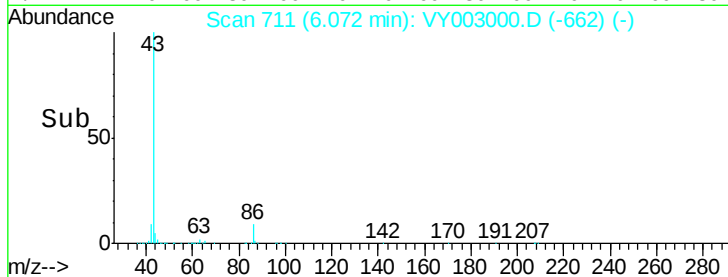
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 10.126 ug/l

RT: 6.04 min Scan# 705

Delta R.T. 0.01 min

Lab File: VY003000.D

Acq: 29 Jun 2020 11:31

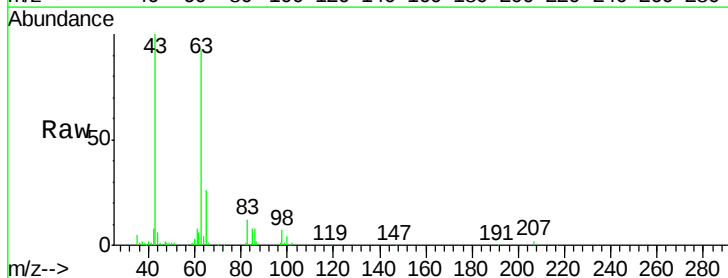
Tgt Ion: 63 Resp: 84243

Ion Ratio Lower Upper

63 100

98 7.2 3.4 10.1

100 4.6 2.3 6.8



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

6.04

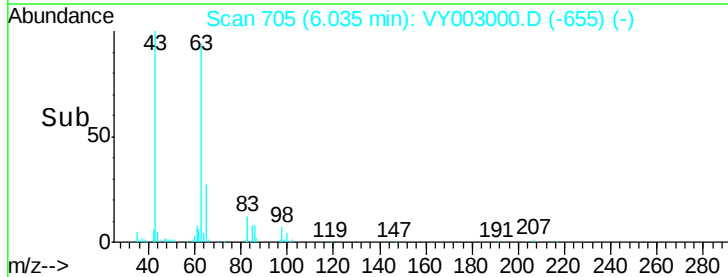
30000

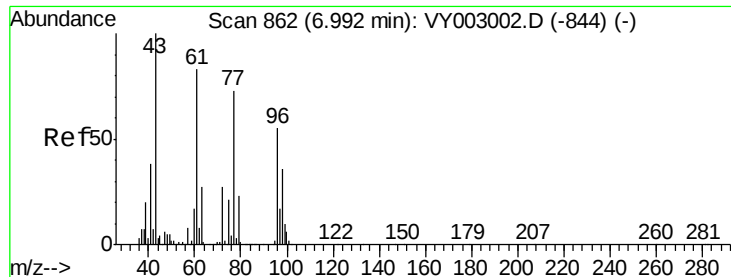
20000

10000

0

Time-->





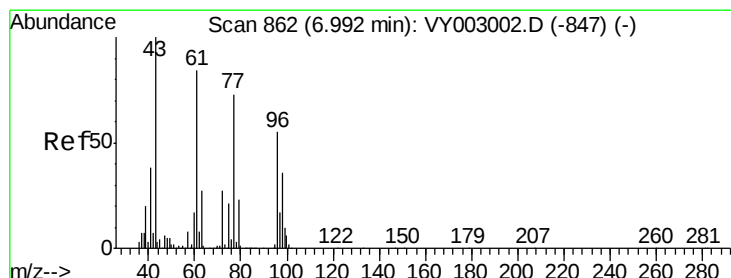
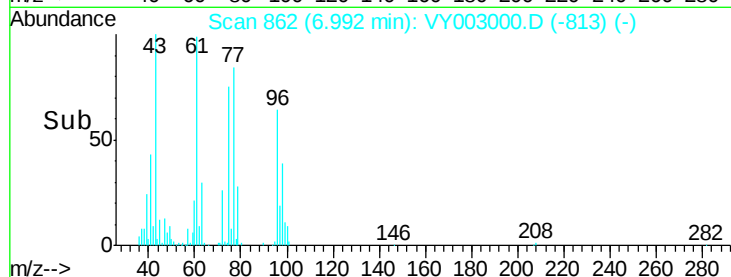
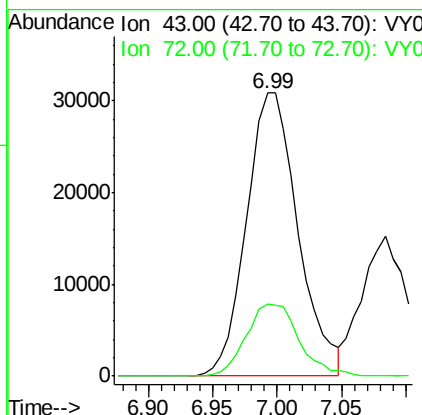
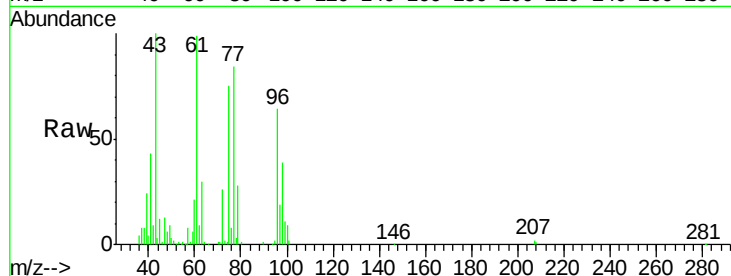
#25
2-Butanone
Concen: 49.146 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY003000.D
Acq: 29 Jun 2020 11:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	43	Resp	85800
Ion Ratio	Lower	Upper	
43	100		
72	25.6	21.4	32.0

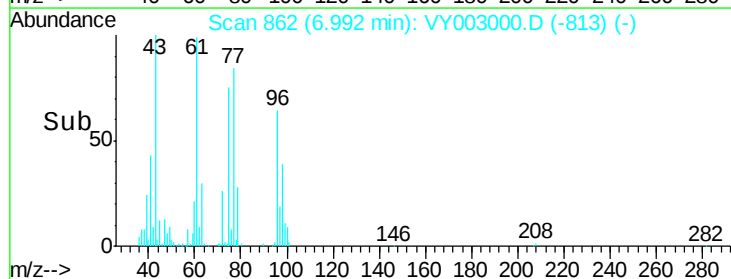
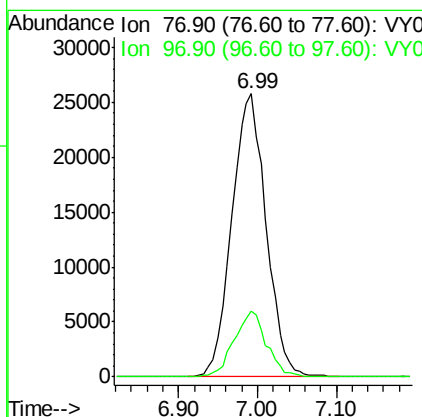
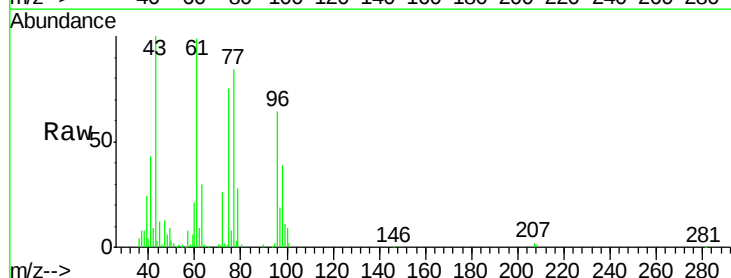
Manual Integrations
APPROVED

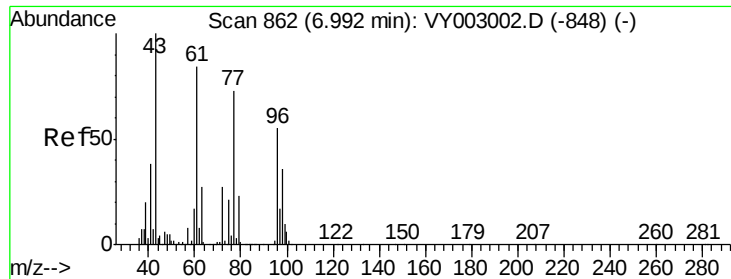
MMDadoda
6/30/2020 12:54:03 PM



#26
2,2-Dichloropropane
Concen: 10.301 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY003000.D
Acq: 29 Jun 2020 11:31

Tgt Ion	77	Resp	77863
Ion Ratio	Lower	Upper	
77	100		
97	21.8	11.3	33.9





#27

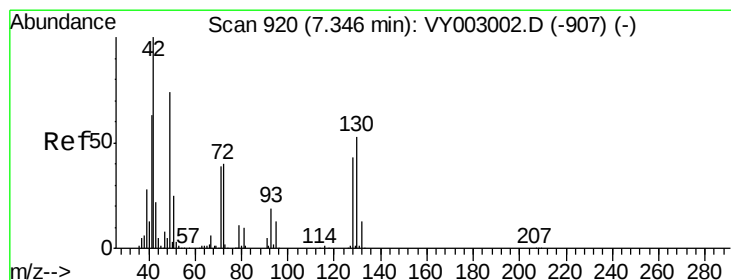
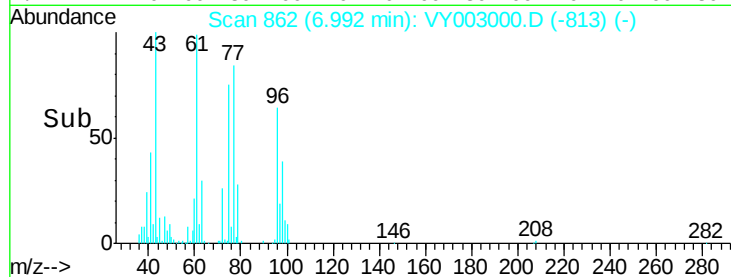
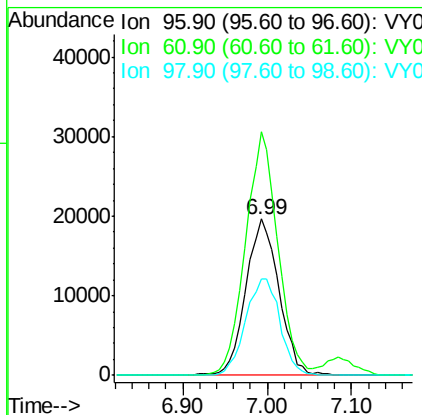
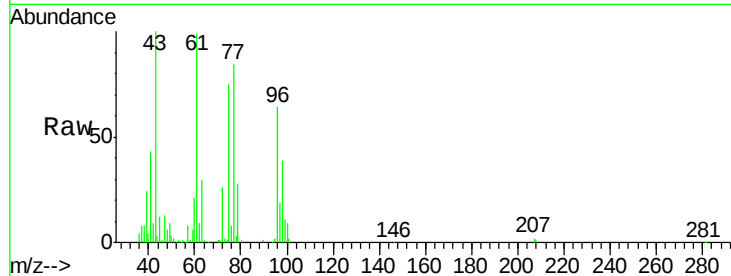
cis-1,2-Dichloroethene
Concen: 10.154 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY003000.D
Acq: 29 Jun 2020 11:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
96	100		
61	151.8	0.0	301.2
98	63.7	0.0	129.0

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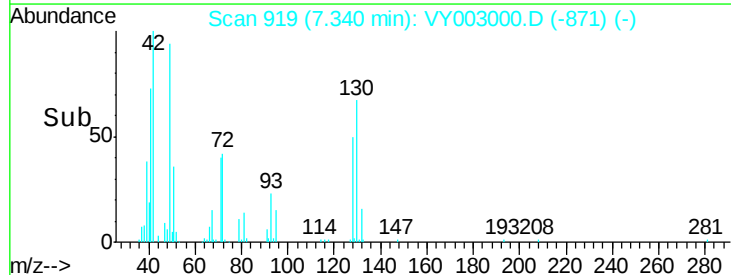
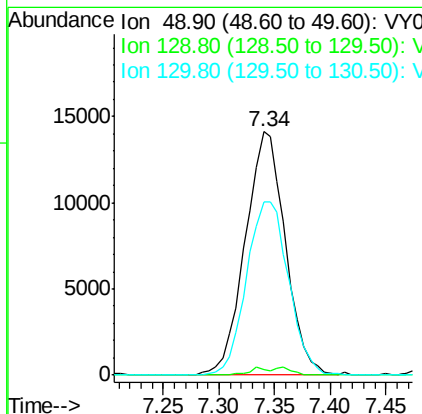
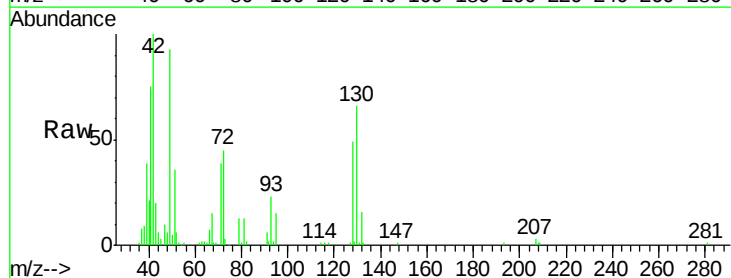
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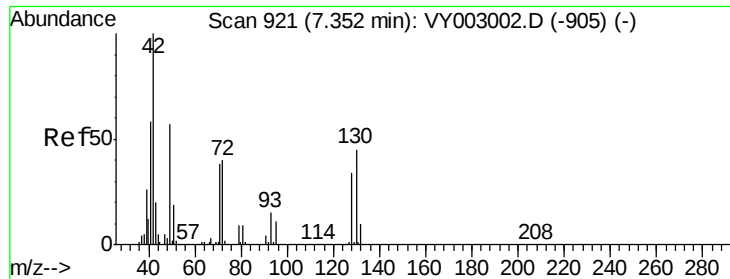


#28

Bromochloromethane
Concen: 9.567 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY003000.D
Acq: 29 Jun 2020 11:31

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.4	0.0	4.4
130	74.5	57.0	85.6





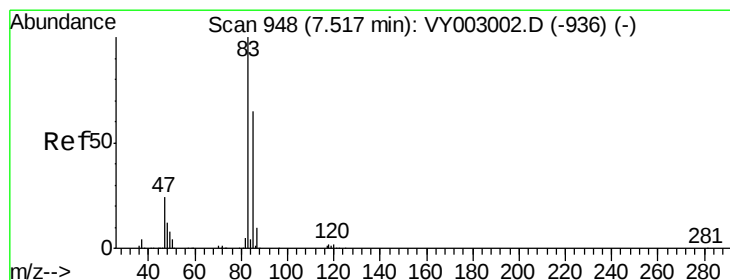
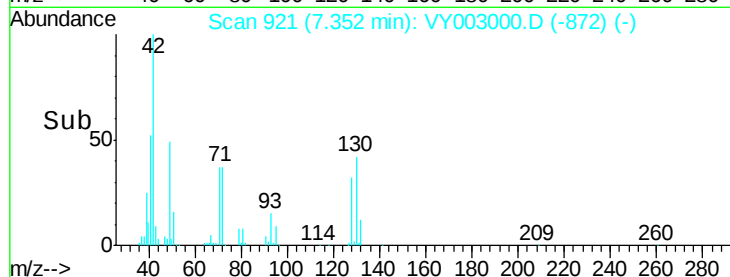
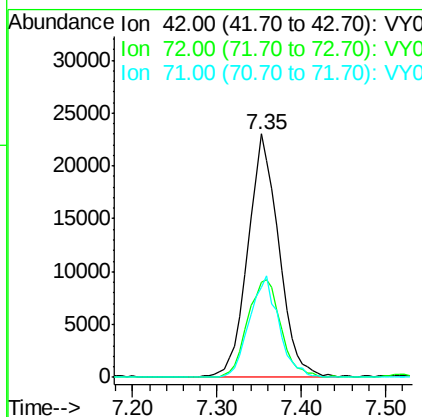
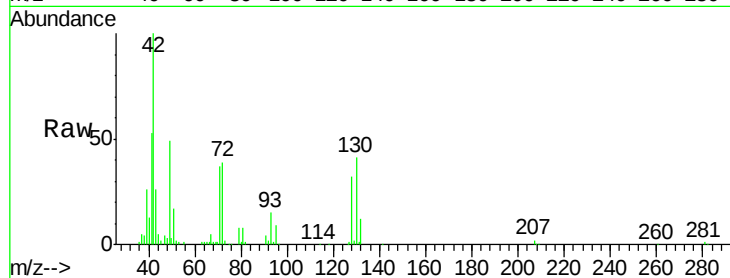
#29
Tetrahydrofuran
Concen: 49.850 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.00 min
Lab File: VY003000.D
Acq: 29 Jun 2020 11:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.0	32.9	49.3
71	39.3	31.2	46.8

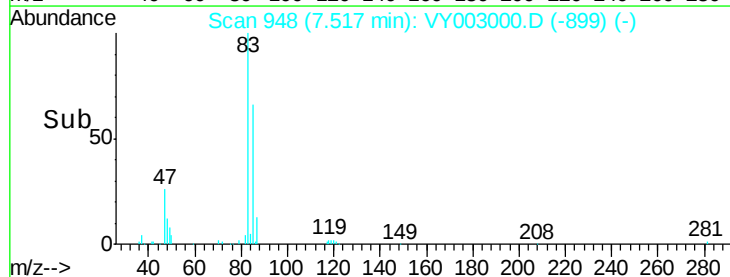
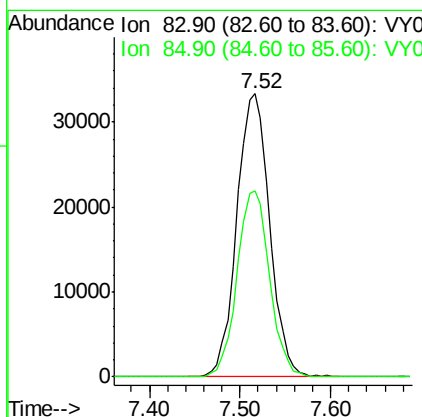
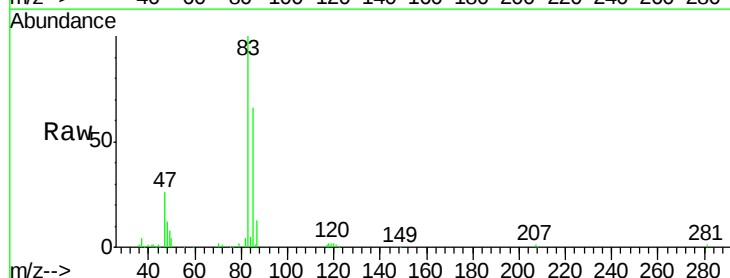
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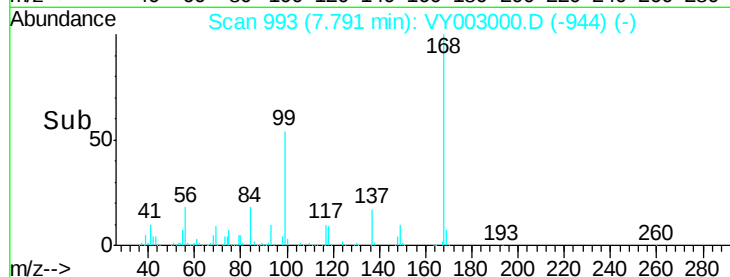
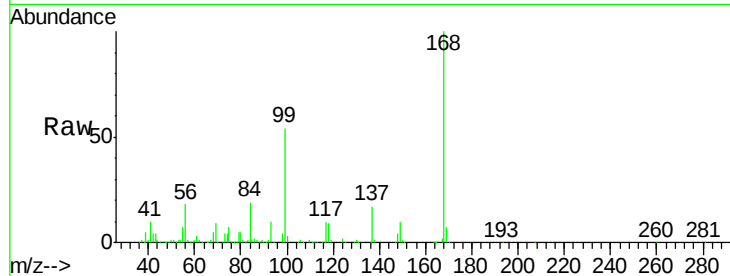
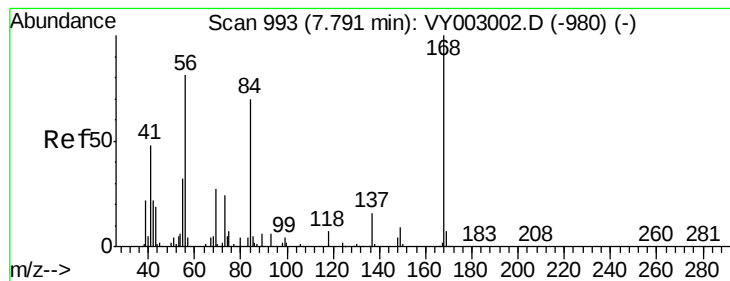
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#30
Chloroform
Concen: 10.184 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.00 min
Lab File: VY003000.D
Acq: 29 Jun 2020 11:31

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.8	51.7	77.5





#31

Cyclohexane

Concen: 10.434 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.00 min

Lab File: VY003000.D

Acq: 29 Jun 2020 11:31

Tot Ion:	56	Resp:	85517
Ion Ratio	Lower	Upper	
56	100		
69	47.7	27.0	40.4#
84	102.3	68.1	102.1#

Instrument :

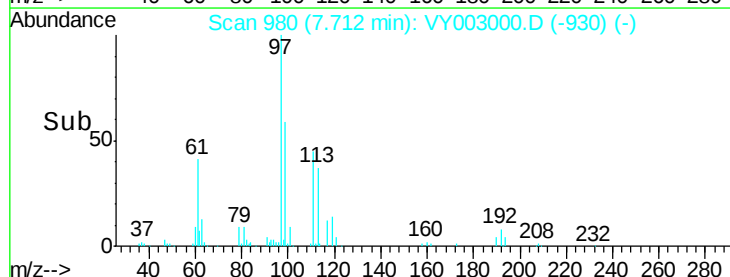
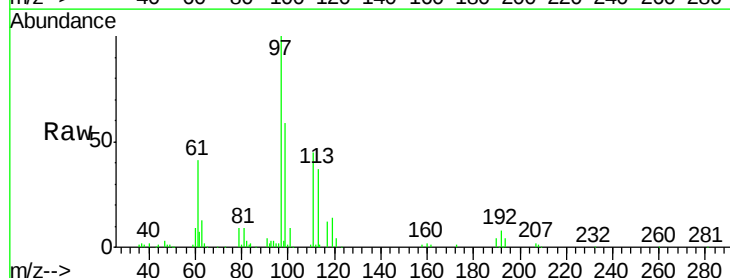
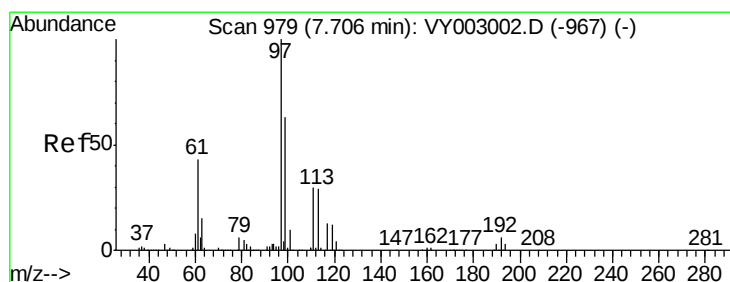
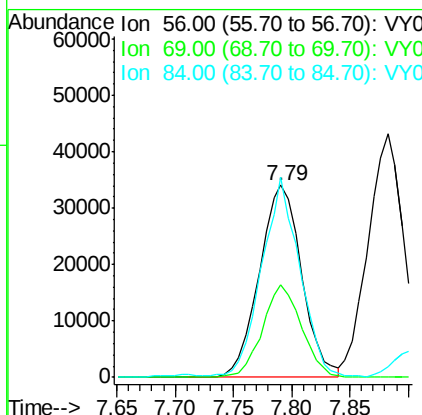
MSVOA_Y

ClientSampleId :

VSTDIC010

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 10.185 ug/l

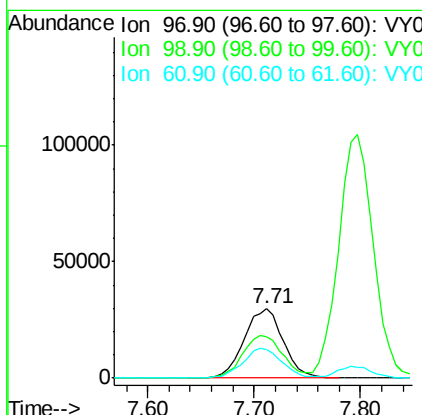
RT: 7.71 min Scan# 980

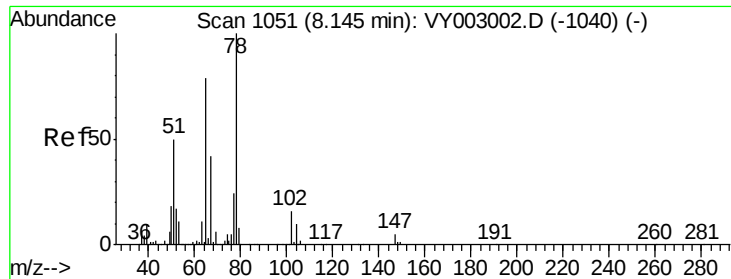
Delta R.T. 0.01 min

Lab File: VY003000.D

Acq: 29 Jun 2020 11:31

Tgt Ion:	97	Resp:	76624
Ion Ratio	Lower	Upper	
97	100		
99	63.2	51.4	77.2
61	43.2	33.9	50.9





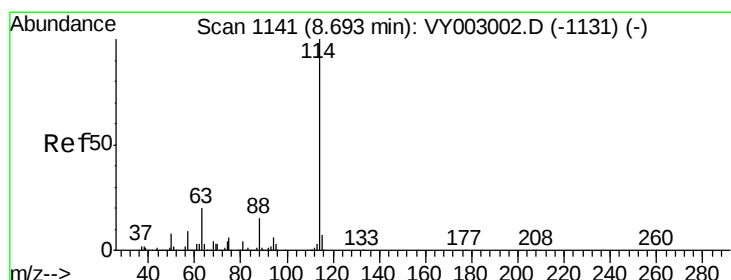
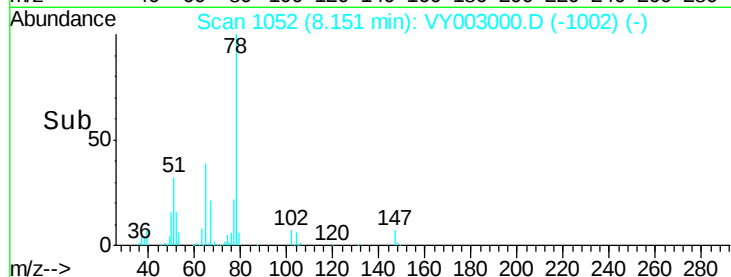
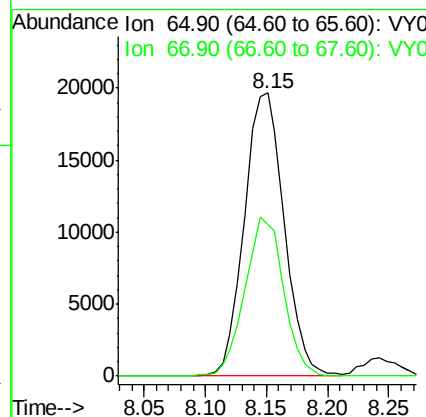
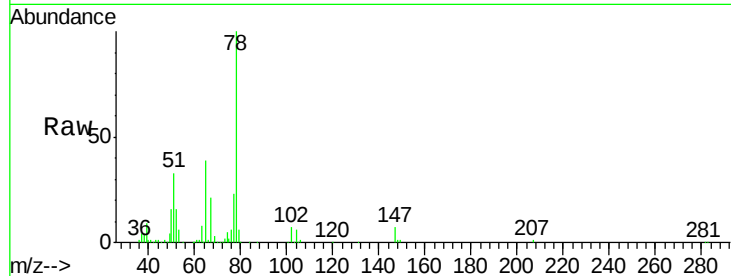
#33
 1,2-Dichloroethane-d4
 Concen: 9.568 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003000.D
 Acq: 29 Jun 2020 11:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
65	100	44588		
67	54.7	0.0	105.6	

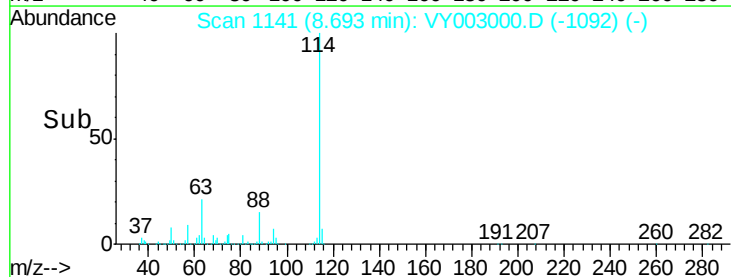
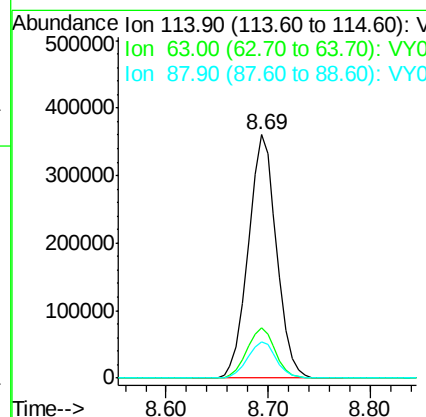
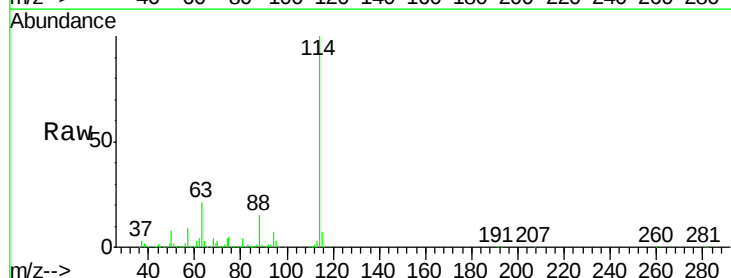
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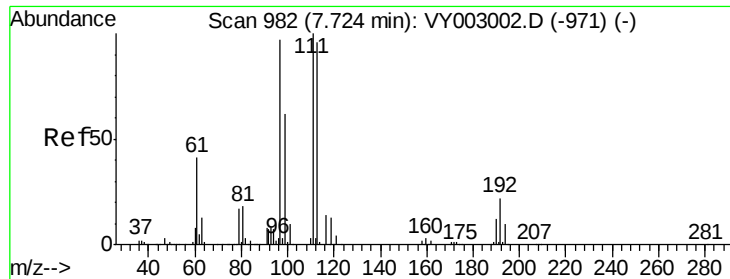
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003000.D
 Acq: 29 Jun 2020 11:31

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	691468		
63	20.8	0.0	40.6	
88	15.0	0.0	30.0	





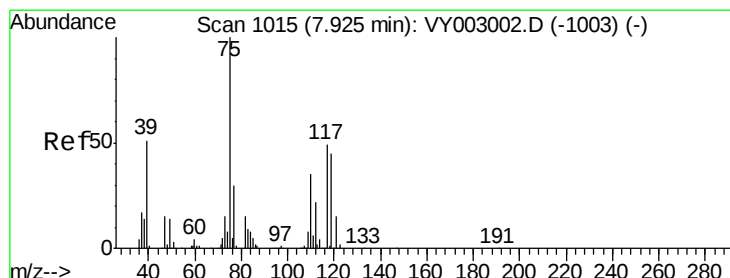
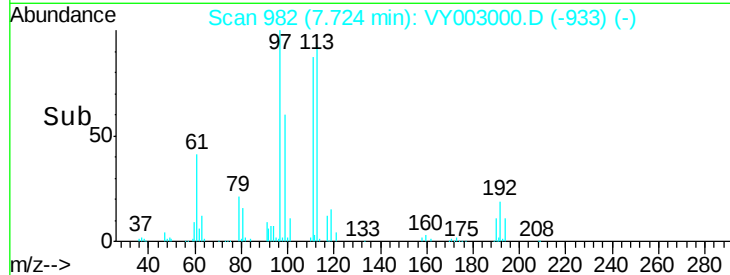
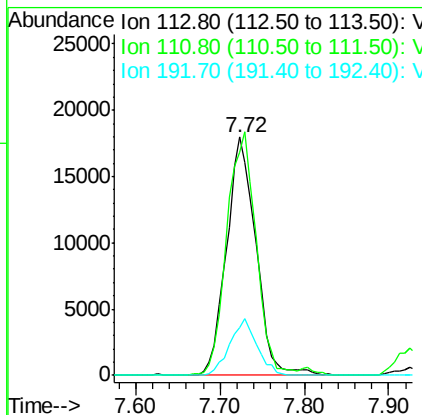
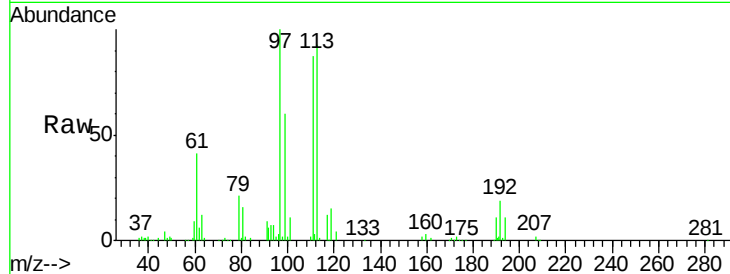
#35
 Dibromofluoromethane
 Concen: 9.875 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY003000.D
 Acq: 29 Jun 2020 11:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
113	100	42595		
111	102.2		82.6	123.8
192	22.1		18.1	27.1

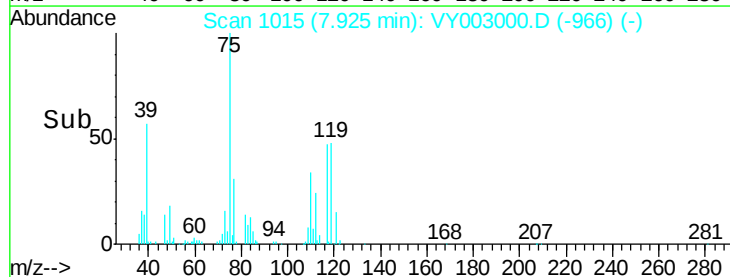
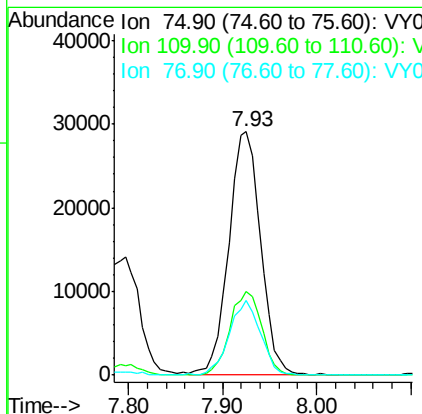
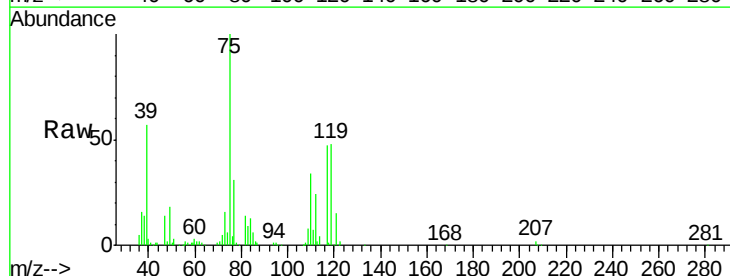
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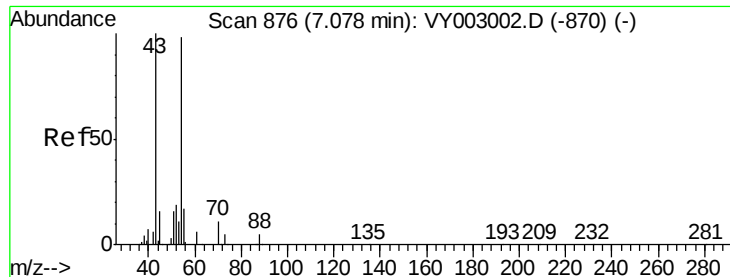
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#36
 1,1-Dichloropropene
 Concen: 10.295 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: VY003000.D
 Acq: 29 Jun 2020 11:31

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	68570		
110	34.2		17.1	51.2
77	30.4		24.9	37.3





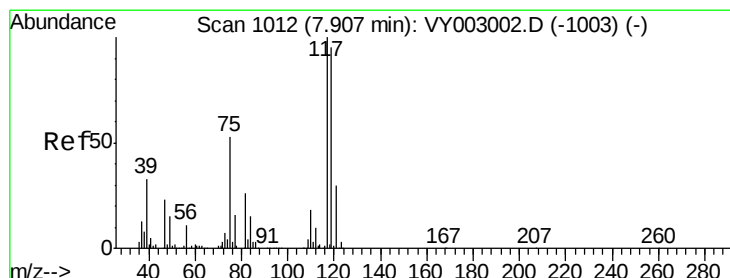
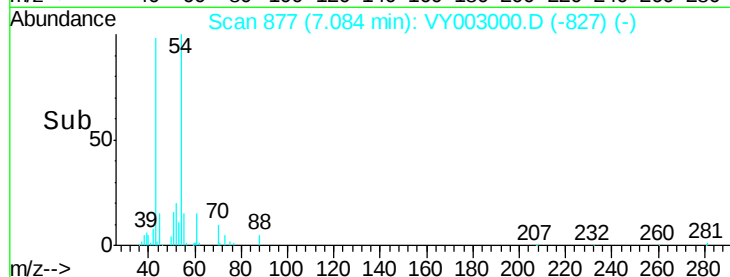
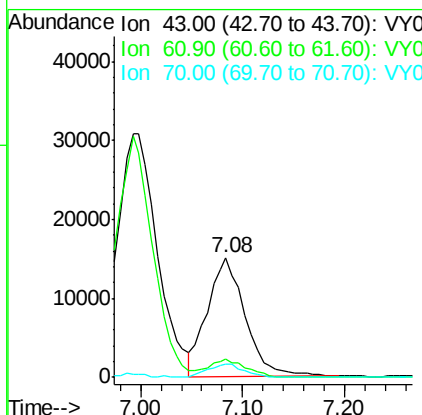
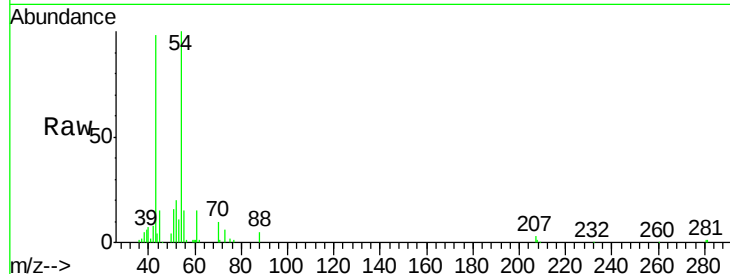
#37
Ethyl Acetate
Concen: 9.748 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.01 min
Lab File: VY003000.D
Acq: 29 Jun 2020 11:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.1	10.4	15.6
70	10.3	7.7	11.5

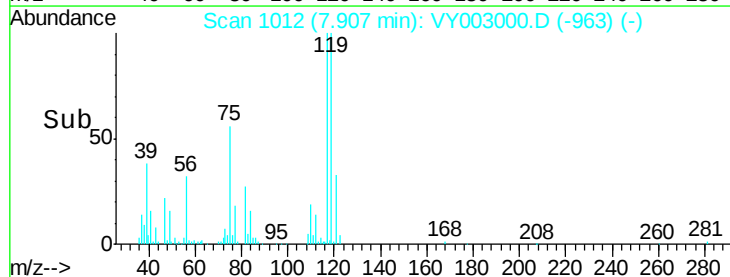
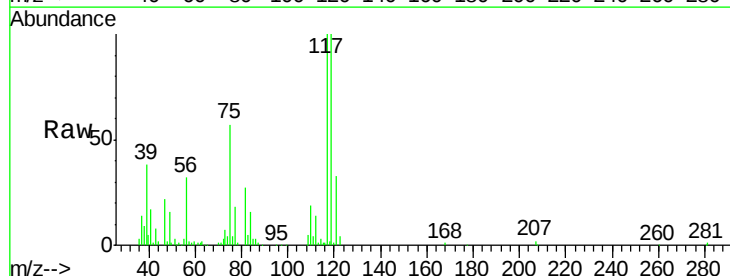
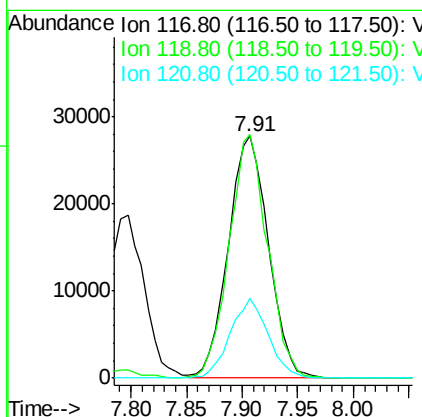
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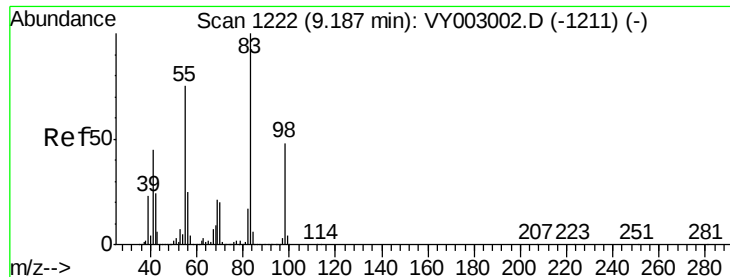
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#38
Carbon Tetrachloride
Concen: 10.024 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VY003000.D
Acq: 29 Jun 2020 11:31

Tgt Ion	Ratio	Lower	Upper
117	100		
119	100.2	75.7	113.5
121	32.7	23.9	35.9





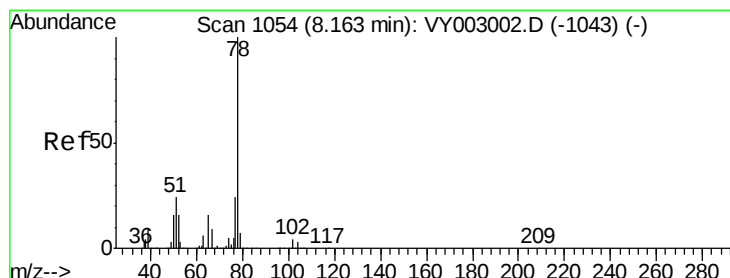
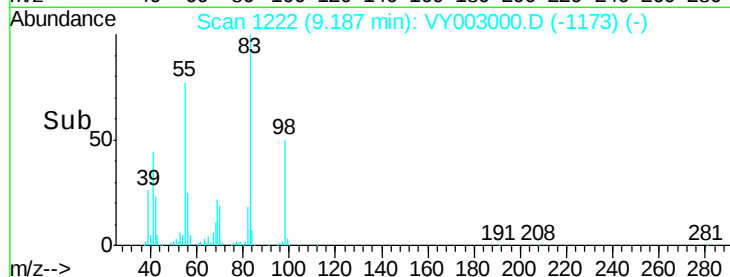
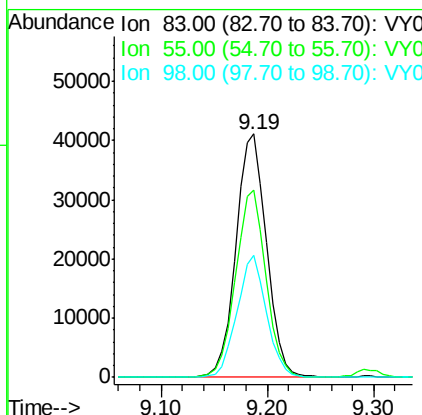
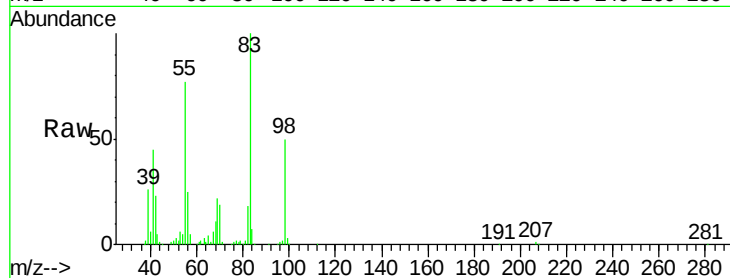
#39
Methvlcvclohexane
Concen: 10.047 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY003000.D
Acq: 29 Jun 2020 11:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.1	59.9	89.9
98	50.0	38.7	58.1

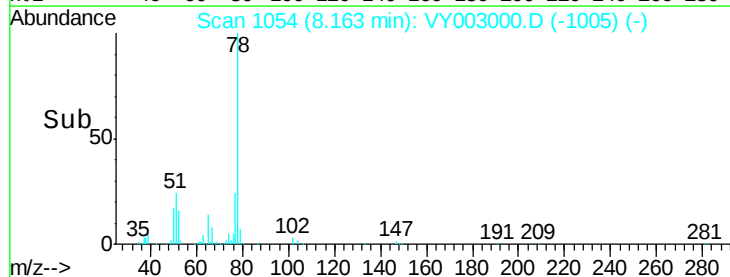
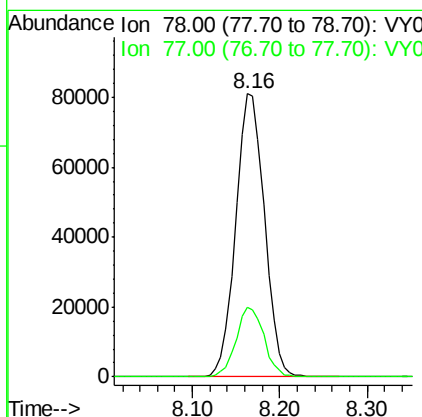
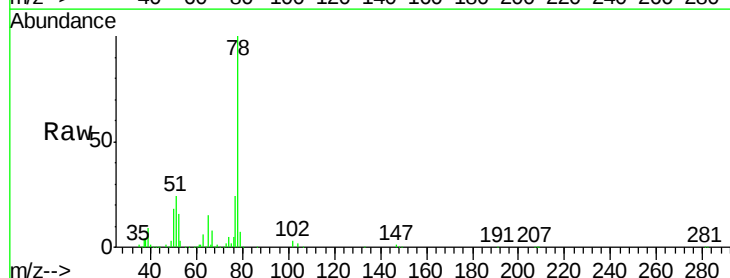
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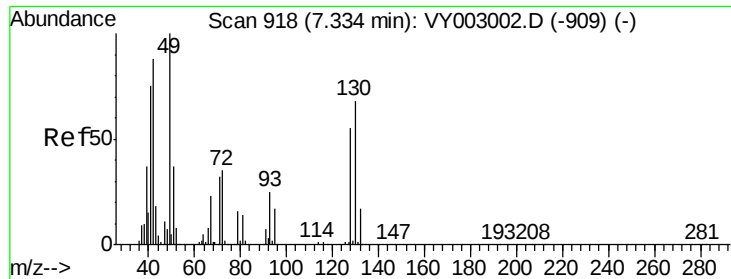
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#40
Benzene
Concen: 10.163 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VY003000.D
Acq: 29 Jun 2020 11:31

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.2	28.8





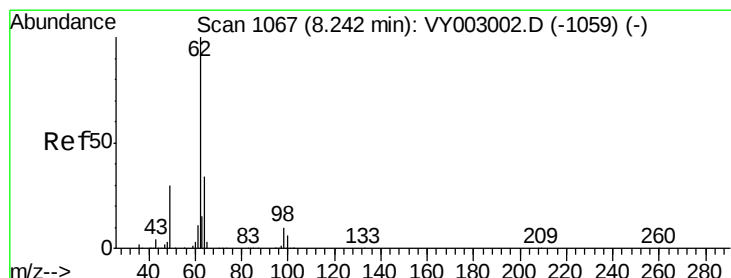
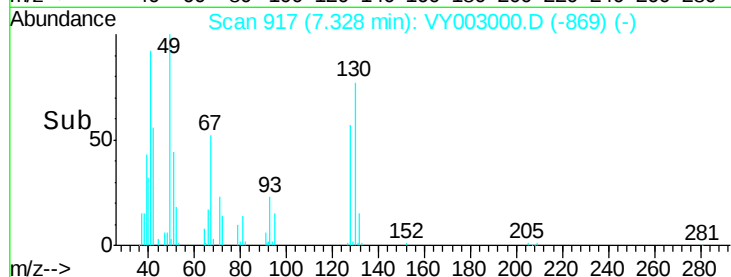
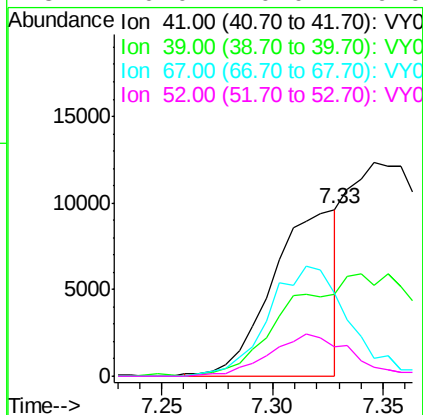
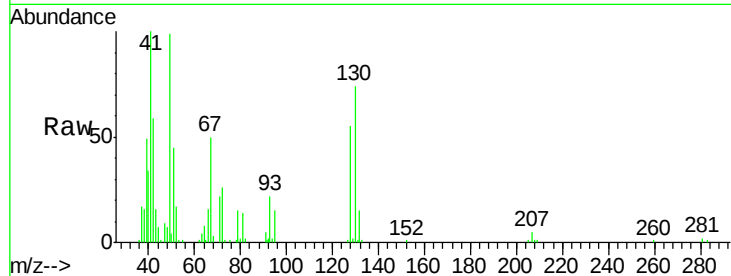
#41
Methacrylonitrile
Concen: 3.971 ug/l m
RT: 7.33 min Scan# 917
Delta R.T. -0.01 min
Lab File: VY003000.D
Acq: 29 Jun 2020 11:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
41	100		
39	130.7	85.7	128.5#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

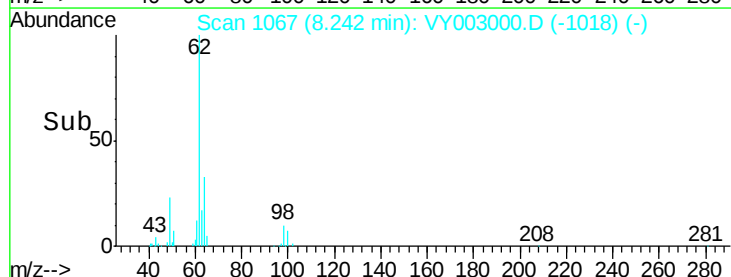
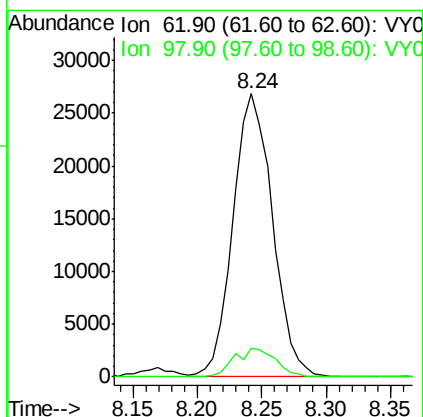
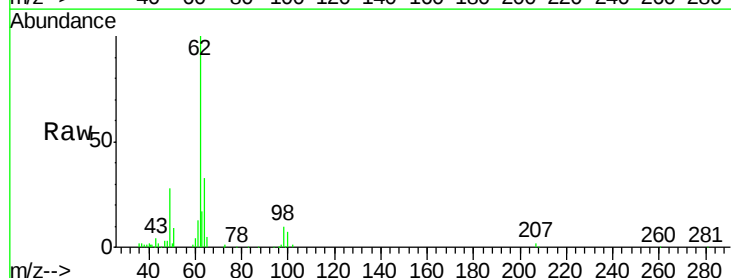
Manual Integrations
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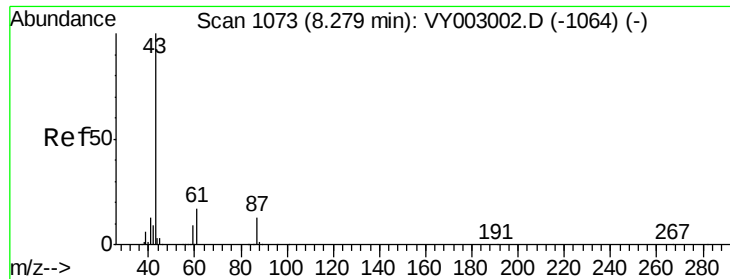
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6/30/2020 12:54:03 PM



#42
1,2-Dichloroethane
Concen: 9.871 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VY003000.D
Acq: 29 Jun 2020 11:31

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	19.2





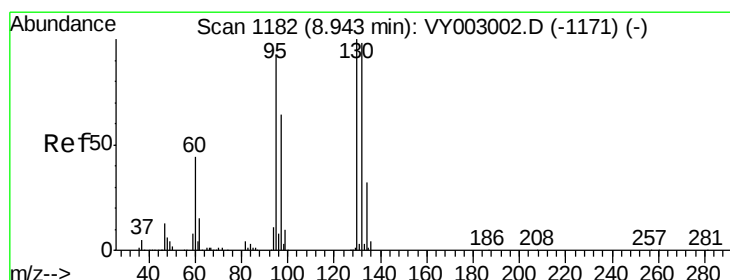
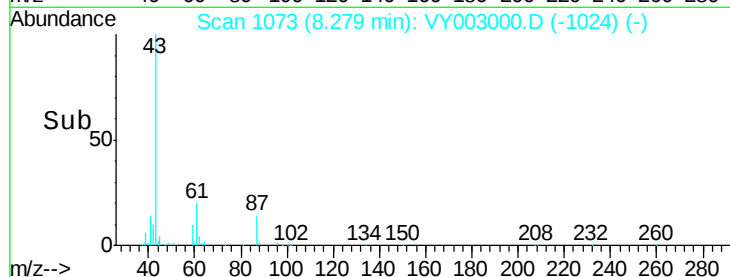
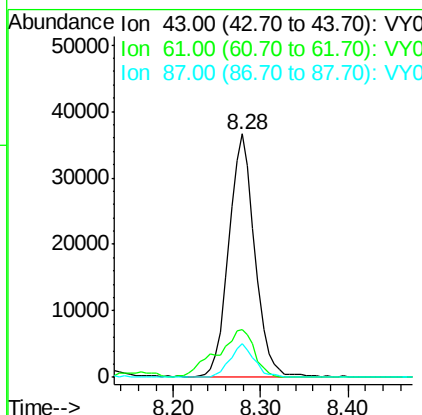
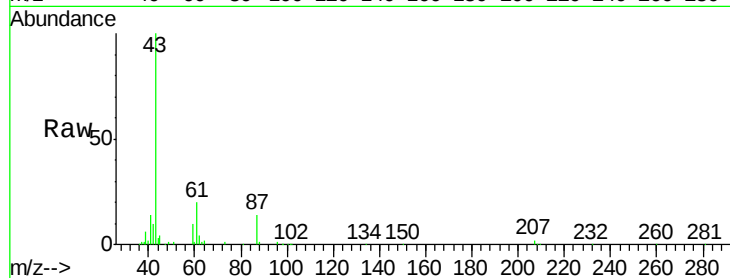
#43
Isopropyl Acetate
Concen: 9.973 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. -0.00 min
Lab File: VY003000.D
Acq: 29 Jun 2020 11:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
43	100		
61	28.2	21.8	32.6
87	12.9	10.1	15.1

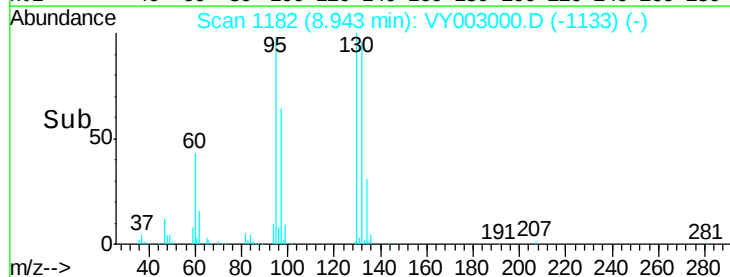
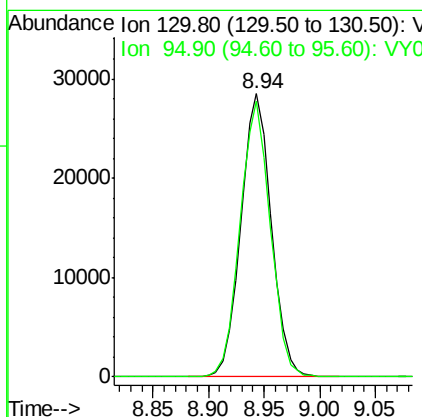
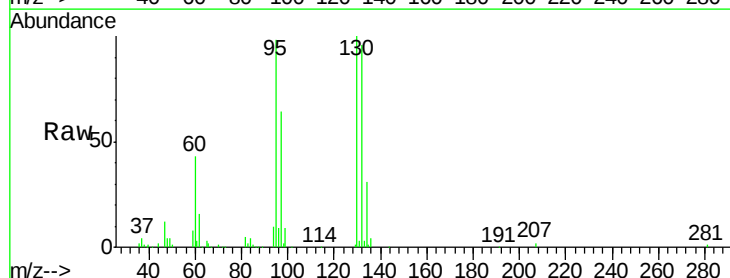
Manual Integrations
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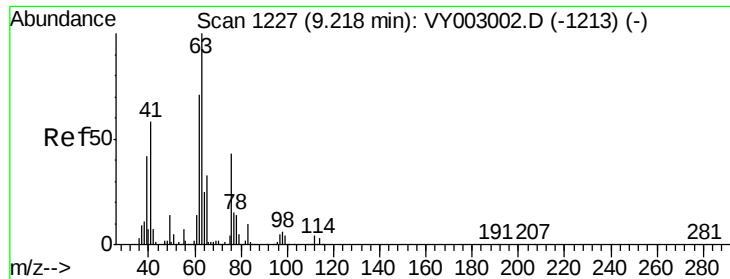
MMDadoda
6/30/2020 12:54:03 PM



#44
Trichloroethene
Concen: 10.155 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. -0.00 min
Lab File: VY003000.D
Acq: 29 Jun 2020 11:31

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.4	0.0	186.4





#45

1,2-Dichloropropane

Concen: 10.090 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. -0.00 min

Lab File: VY003000.D

Acq: 29 Jun 2020 11:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 63 Resp: 49501

Ion Ratio Lower Upper

63 100

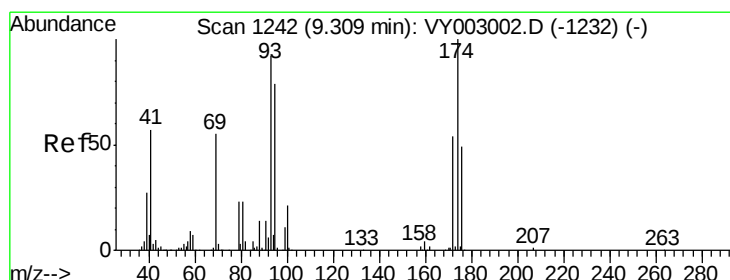
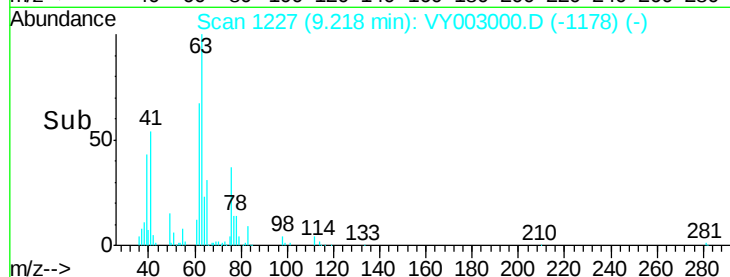
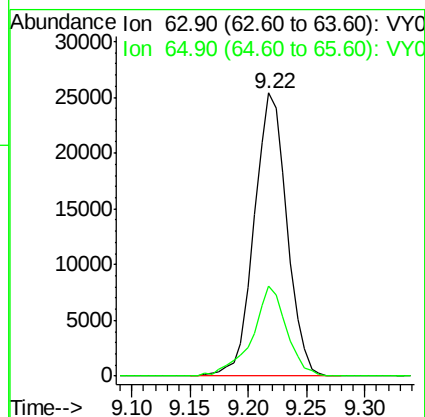
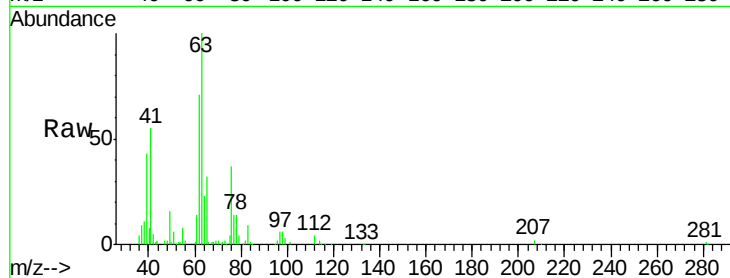
65 31.9 26.2 39.4

Manual Integrations

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MMDadoda

6/30/2020 12:54:03 PM



#46

Dibromomethane

Concen: 10.312 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.00 min

Lab File: VY003000.D

Acq: 29 Jun 2020 11:31

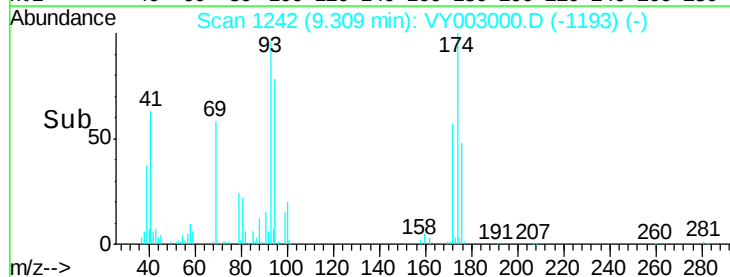
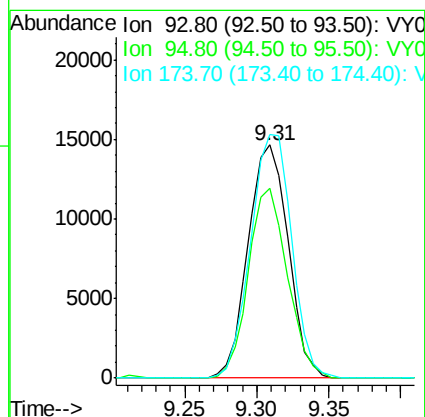
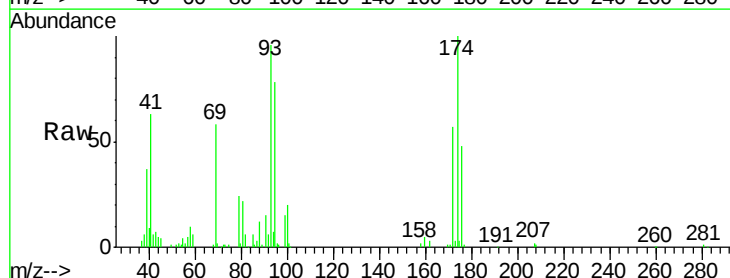
Tgt Ion: 93 Resp: 28254

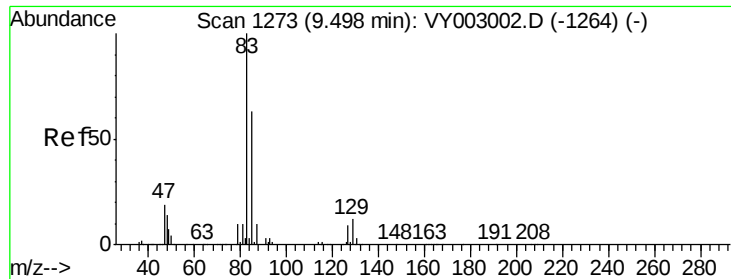
Ion Ratio Lower Upper

93 100

95 79.4 67.6 101.4

174 107.1 88.3 132.5





#47

Bromodichloromethane

Concen: 10.044 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY003000.D

Acq: 29 Jun 2020 11:31

Instrument :

MSVOA_Y

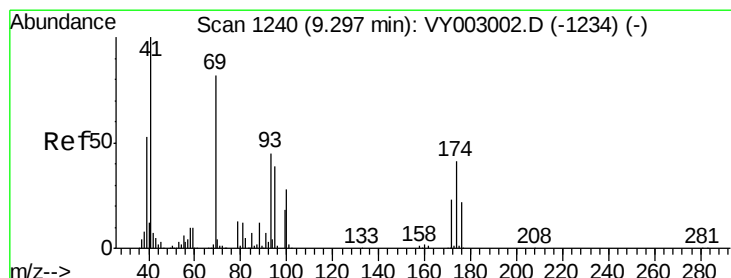
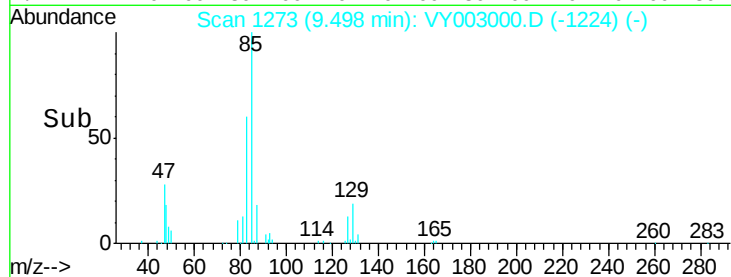
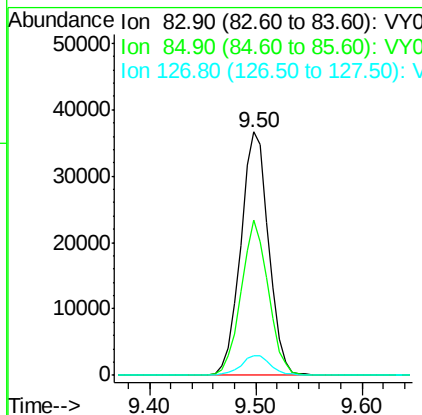
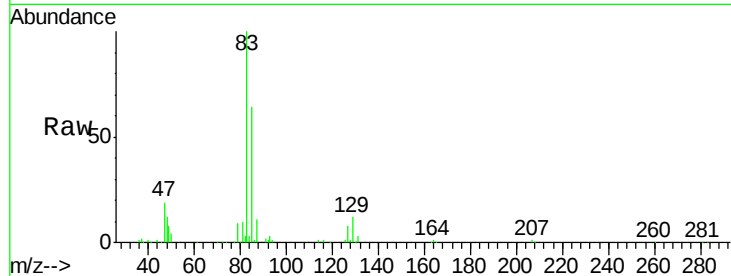
ClientSampleId :

VSTDIC010

Tot Ion:	83	Resp:	67387
Ion	Ratio	Lower	Upper
83	100		
85	64.0	50.5	75.7
127	8.3	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 9.891 ug/l

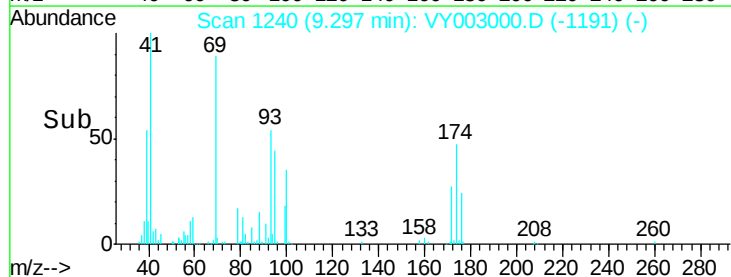
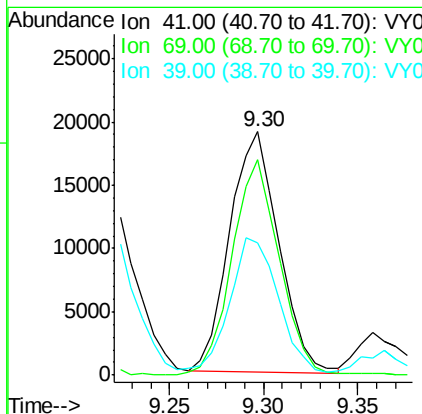
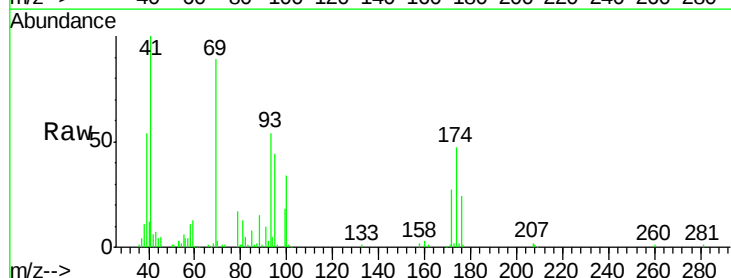
RT: 9.30 min Scan# 1240

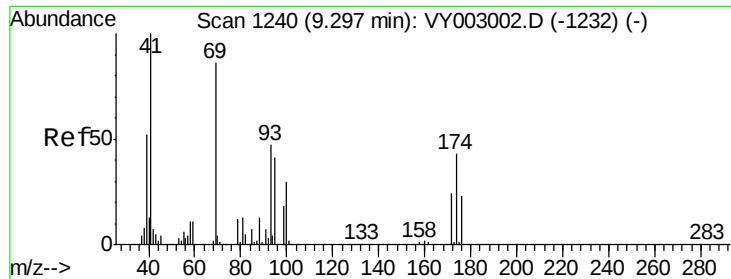
Delta R.T. -0.00 min

Lab File: VY003000.D

Acq: 29 Jun 2020 11:31

Tgt Ion:	41	Resp:	34276
Ion	Ratio	Lower	Upper
41	100		
69	86.9	67.7	101.5
39	57.8	45.0	67.4





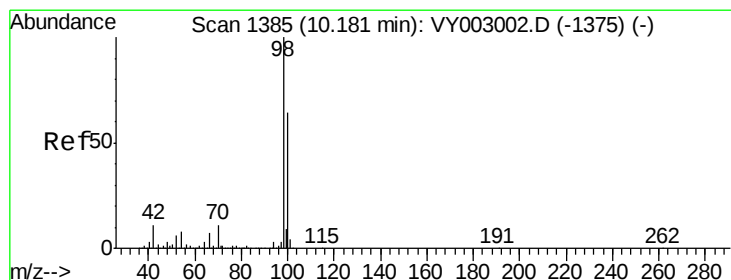
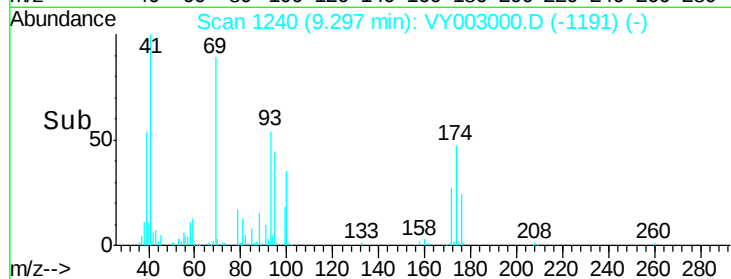
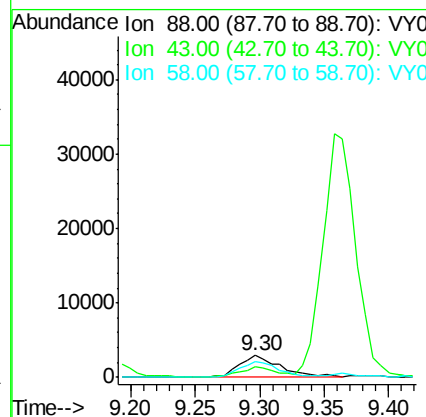
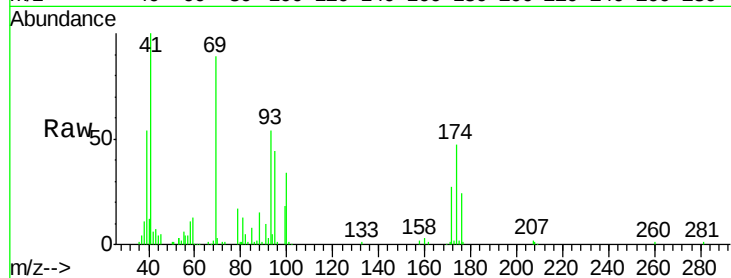
#49
1,4-Dioxane
Concen: 199.721 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VY003000.D
Acq: 29 Jun 2020 11:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	88	Resp	6680
Ion	Ratio	Lower	Upper
88	100		
43	37.9	28.6	42.8
58	65.4	56.7	85.1

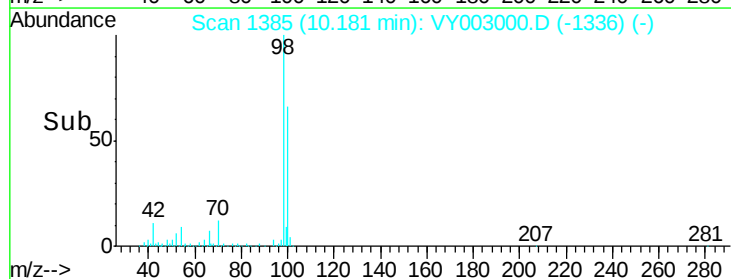
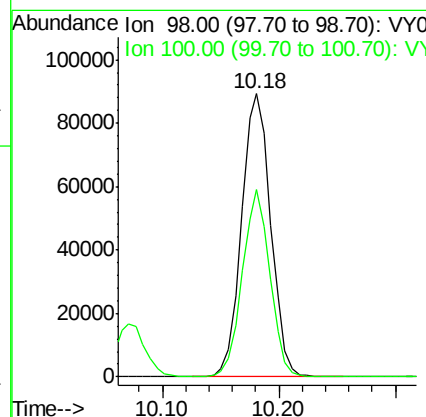
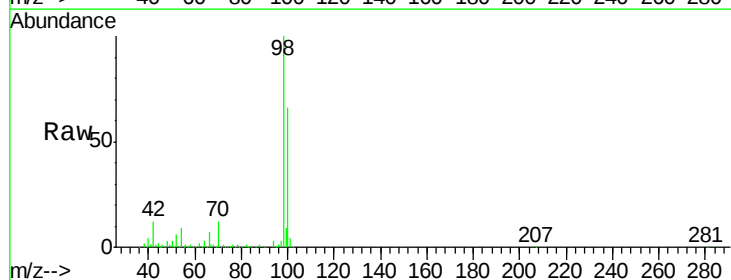
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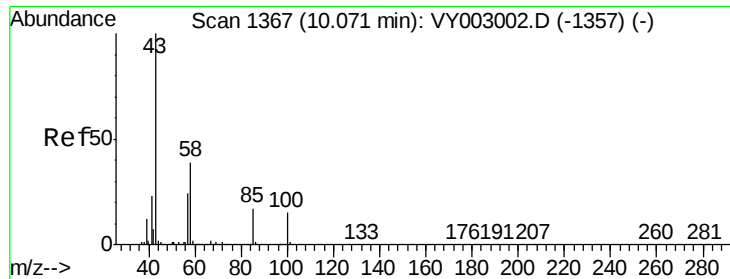
MMDadoda
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#50
Toluene-d8
Concen: 9.666 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003000.D
Acq: 29 Jun 2020 11:31

Tgt Ion	98	Resp	155323
Ion	Ratio	Lower	Upper
98	100		
100	62.9	51.1	76.7





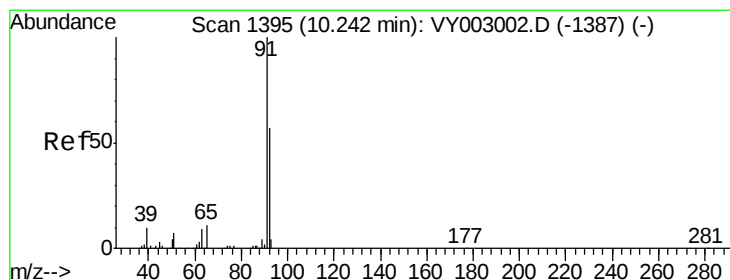
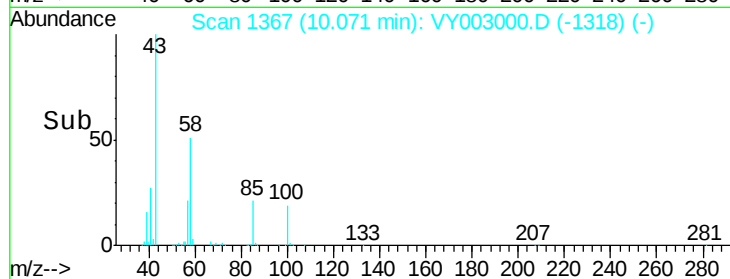
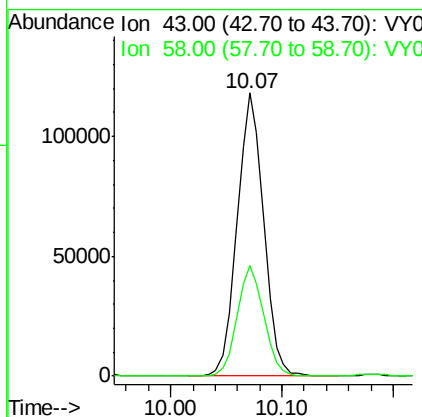
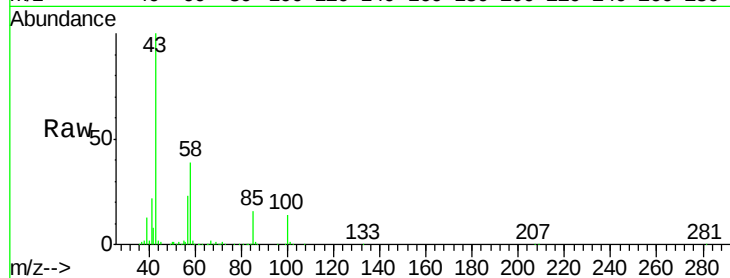
#51
4-Methyl-2-Pentanone
Concen: 49.346 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VY003000.D
Acq: 29 Jun 2020 11:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	43	Resp	194170
Ion Ratio	43	100	
Lower	58	39.3	31.1
Upper			46.7

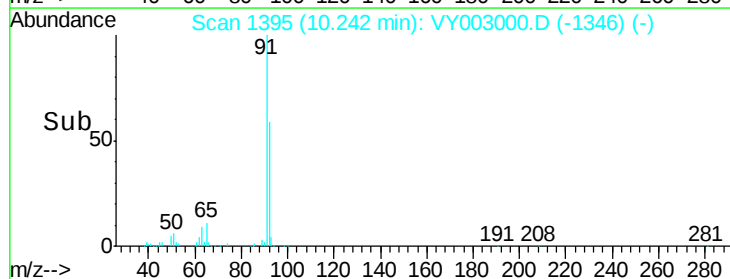
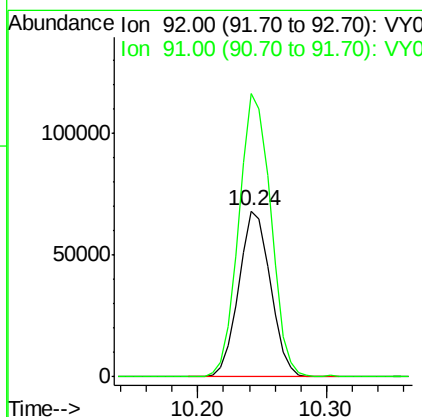
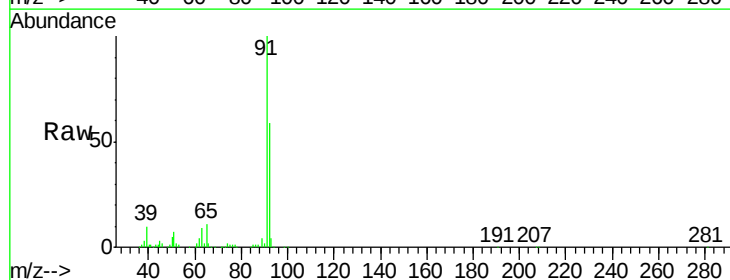
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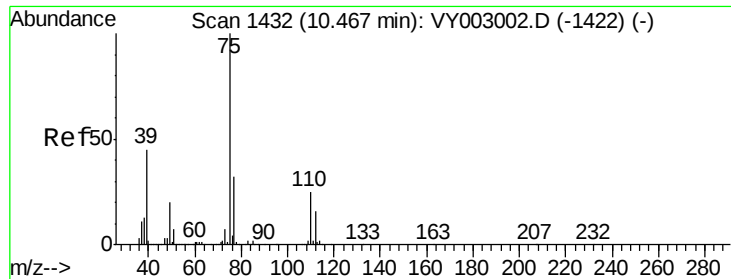
MMDadoda
6/30/2020 12:54:03 PM



#52
Toluene
Concen: 10.131 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. -0.00 min
Lab File: VY003000.D
Acq: 29 Jun 2020 11:31

Tgt Ion	92	Resp	116297
Ion Ratio	92	100	
Lower	91	172.5	139.6
Upper			209.4





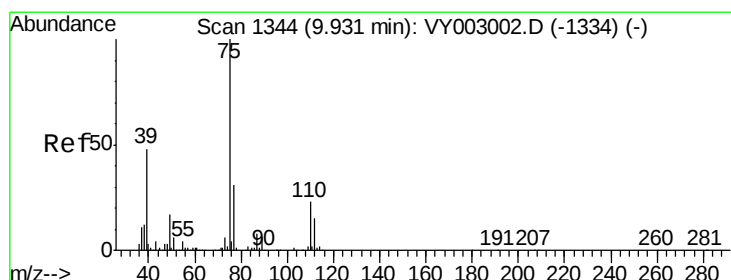
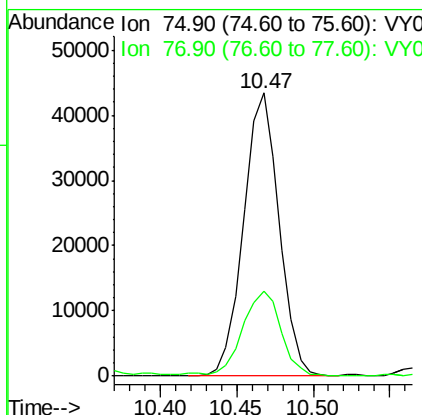
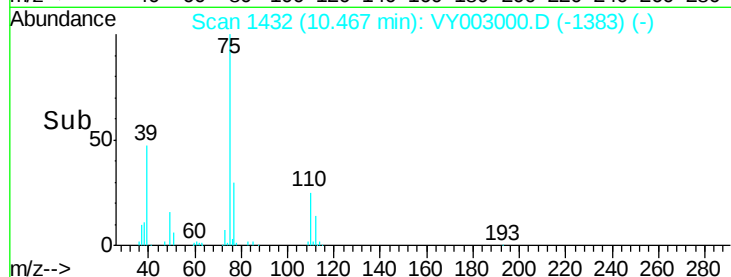
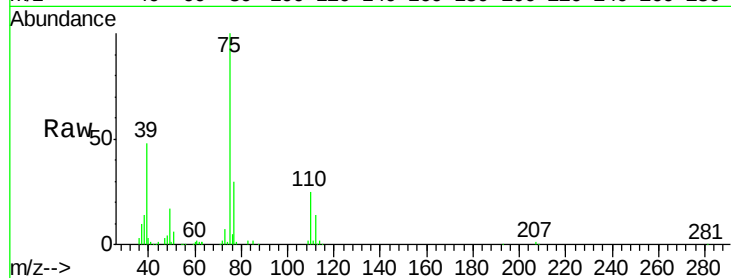
#53
t-1,3-Dichloropropene
Concen: 9.954 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VY003000.D
Acq: 29 Jun 2020 11:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion: 75 Resp: 70019
Ion Ratio Lower Upper
75 100
77 29.7 25.9 38.9

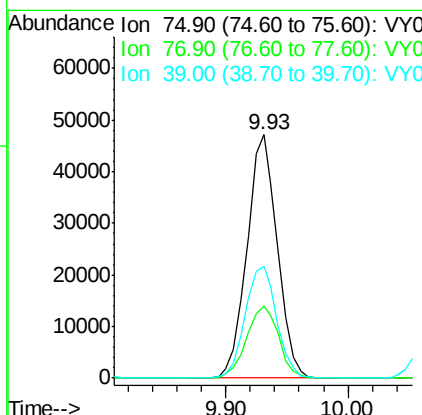
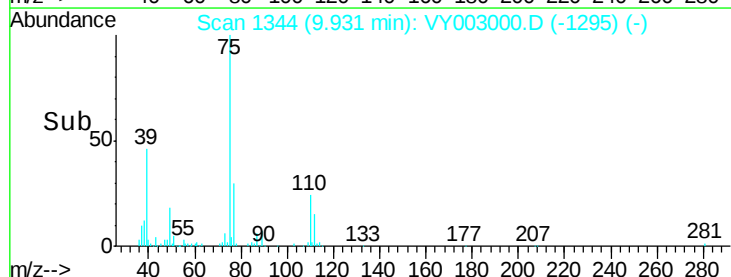
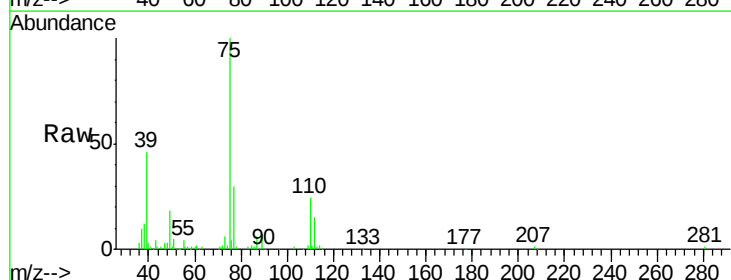
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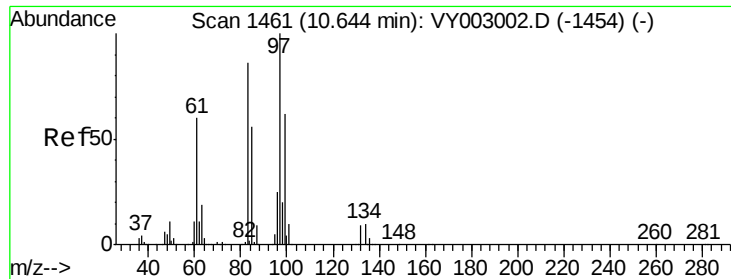
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 10.091 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. -0.00 min
Lab File: VY003000.D
Acq: 29 Jun 2020 11:31

Tgt Ion: 75 Resp: 81177
Ion Ratio Lower Upper
75 100
77 29.8 24.6 37.0
39 45.9 38.3 57.5





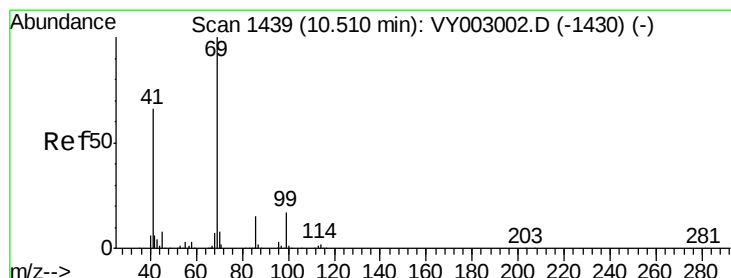
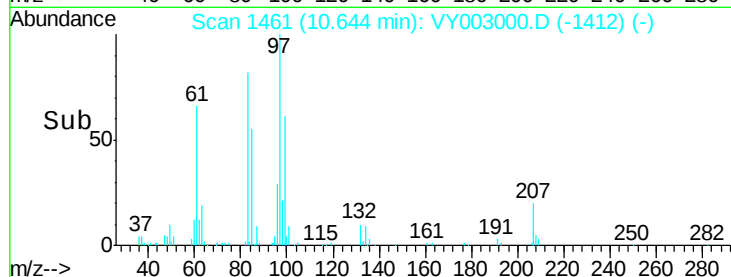
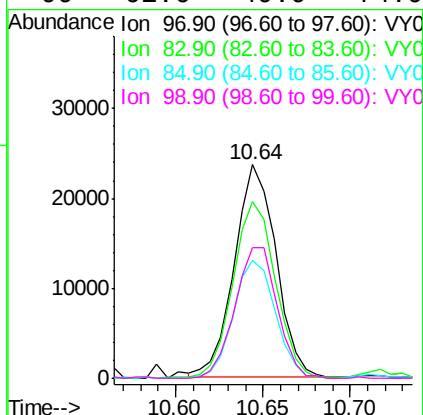
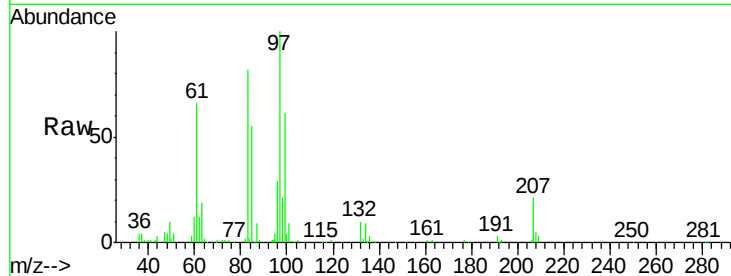
#55
 1,1,2-Trichloroethane
 Concen: 10.353 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY003000.D
 Acq: 29 Jun 2020 11:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion:	97	Resp:	39420
Ion	Ratio	Lower	Upper
97	100		
83	82.4	69.0	103.6
85	55.0	44.8	67.2
99	61.6	49.9	74.9

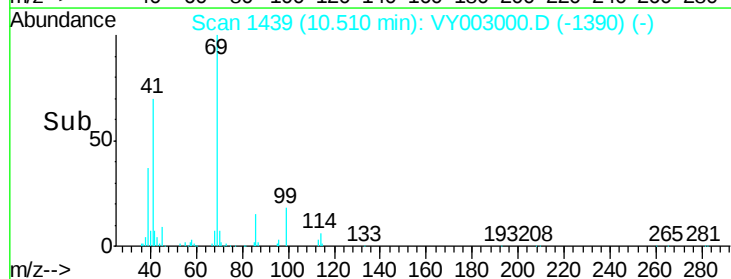
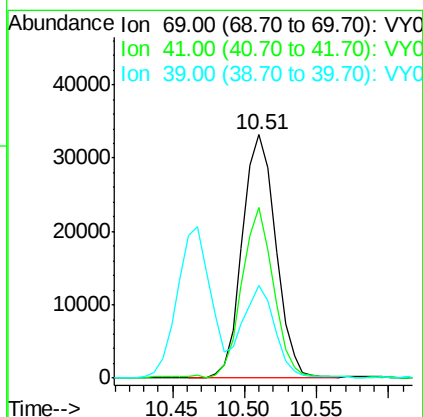
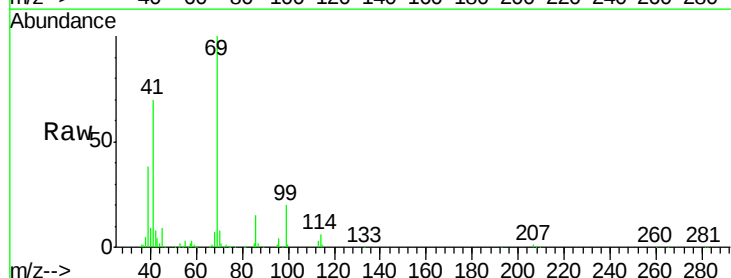
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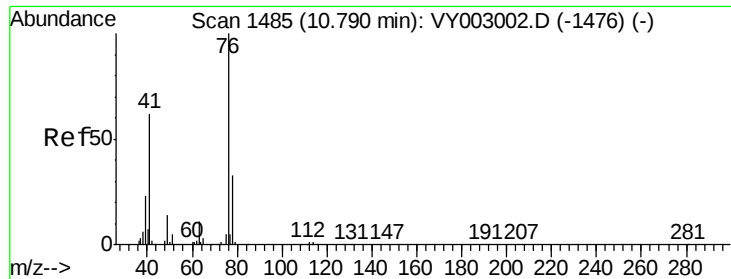
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 6/30/2020 12:54:03 PM



#56
 Ethyl methacrylate
 Concen: 9.729 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY003000.D
 Acq: 29 Jun 2020 11:31

Tgt Ion:	69	Resp:	53621
Ion	Ratio	Lower	Upper
69	100		
41	67.7	53.7	80.5
39	37.2	28.3	42.5





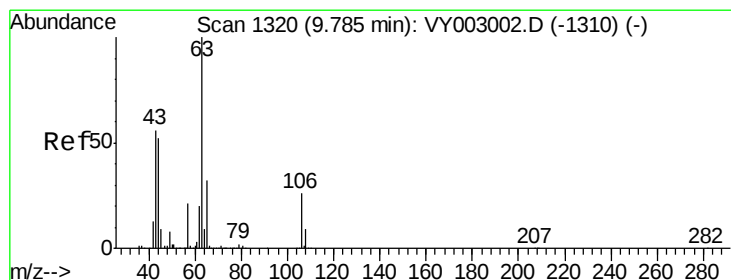
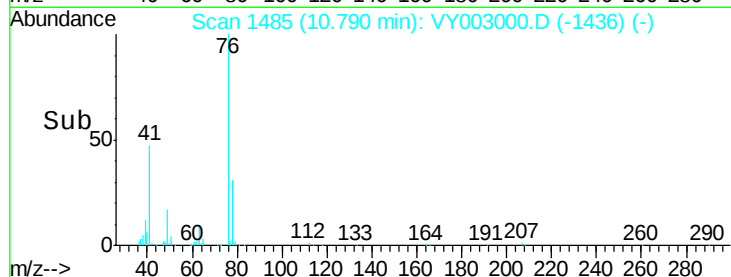
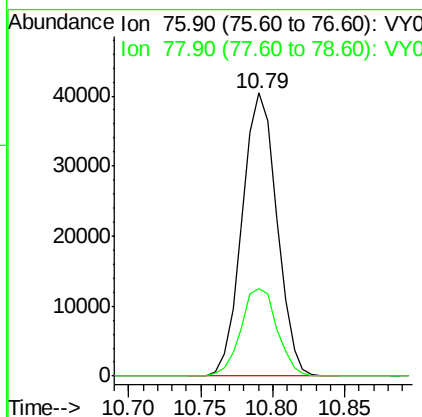
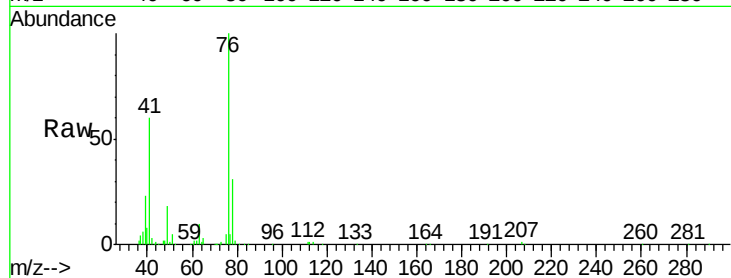
#57
 1,3-Dichloropropane
 Concen: 10.115 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VY003000.D
 Acq: 29 Jun 2020 11:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.0	26.0	39.0

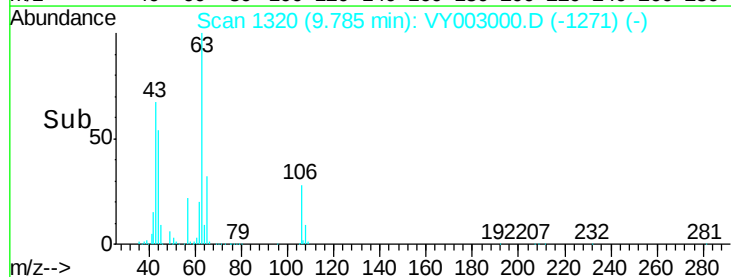
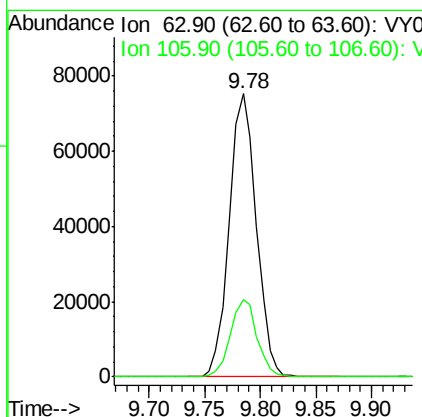
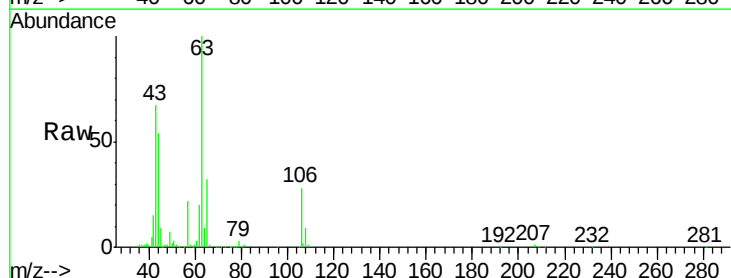
Manual Integrations
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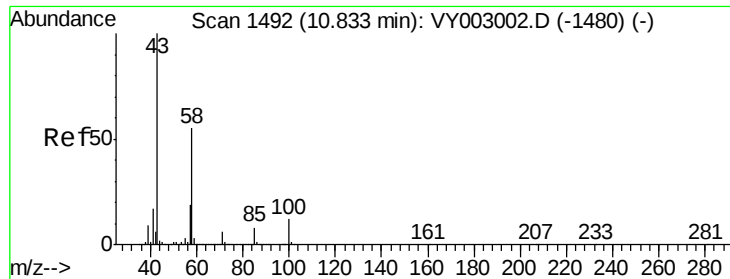
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 6/30/2020 12:54:03 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 44.896 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: VY003000.D
 Acq: 29 Jun 2020 11:31

Tgt Ion	Ratio	Lower	Upper
63	100		
106	26.9	21.5	32.3





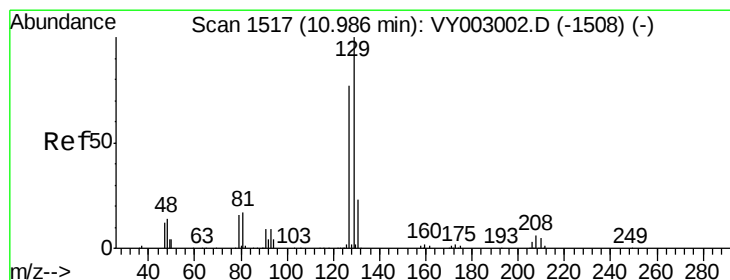
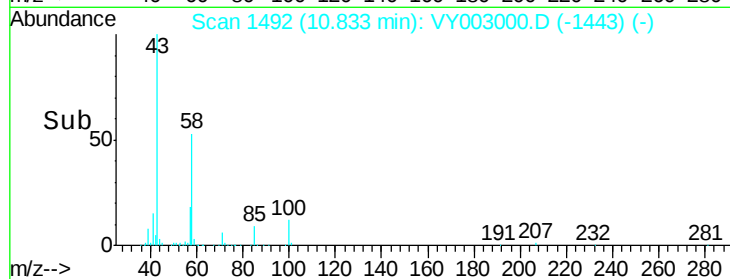
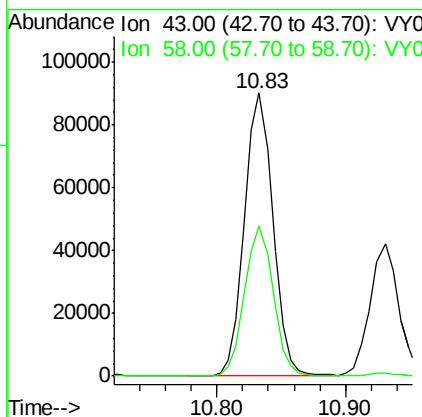
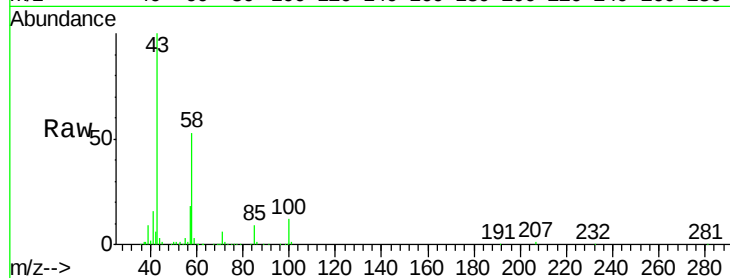
#59
2-Hexanone
Concen: 50.108 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY003000.D
Acq: 29 Jun 2020 11:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
43	100		
58	53.2	27.5	82.4

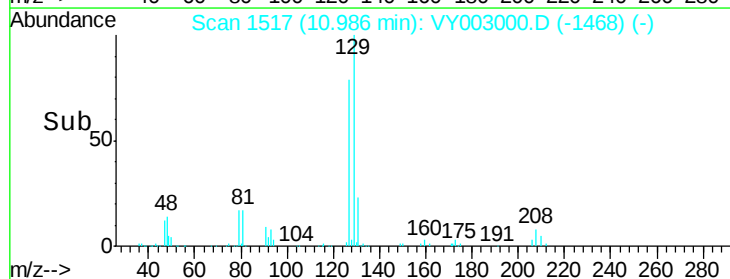
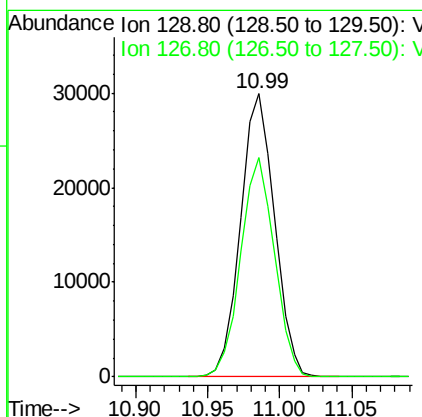
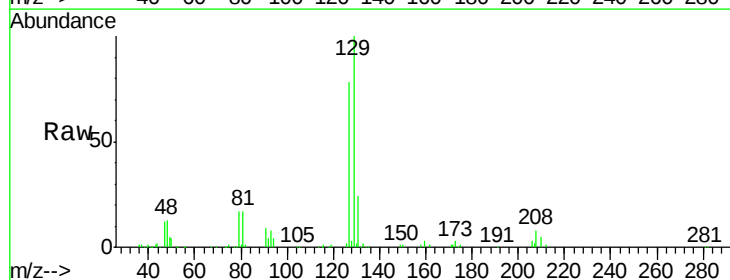
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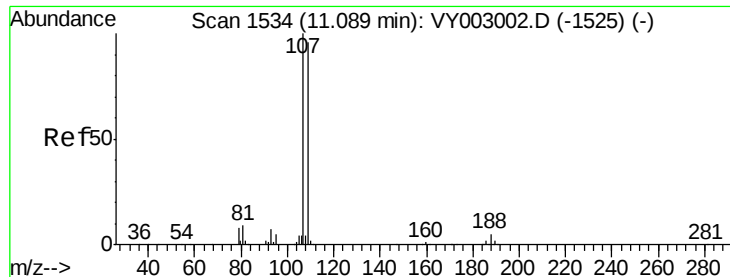
MMDadoda
6/30/2020 12:54:03 PM



#60
Dibromochloromethane
Concen: 10.076 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY003000.D
Acq: 29 Jun 2020 11:31

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.7	39.1	117.3





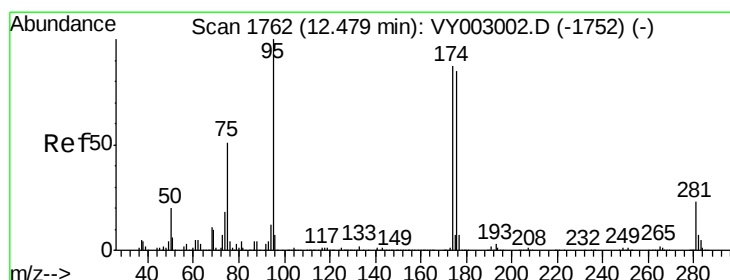
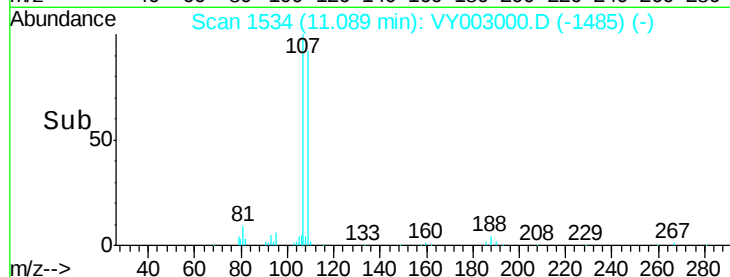
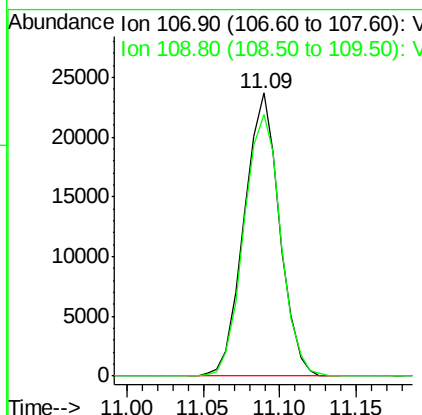
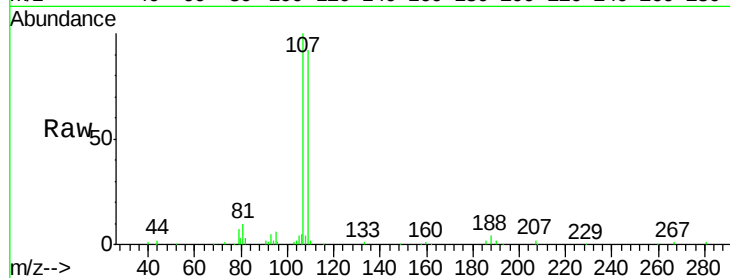
#61
 1,2-Dibromoethane
 Concen: 10.128 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY003000.D
 Acq: 29 Jun 2020 11:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion: 107 Resp: 38015
 Ion Ratio Lower Upper
 107 100
 109 96.3 75.8 113.8

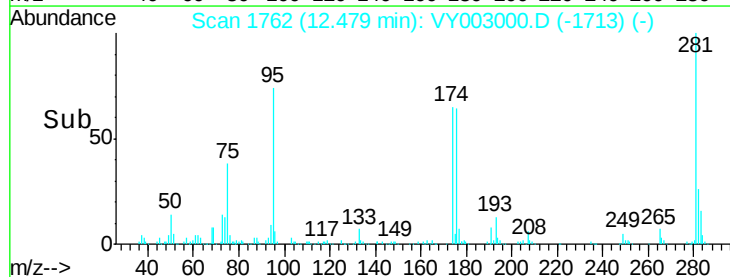
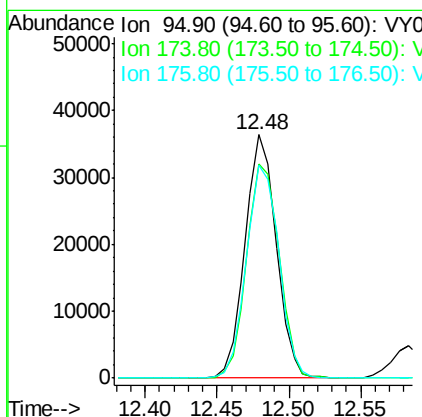
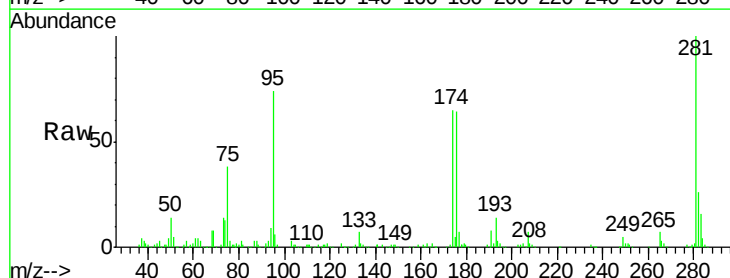
Manual Integrations
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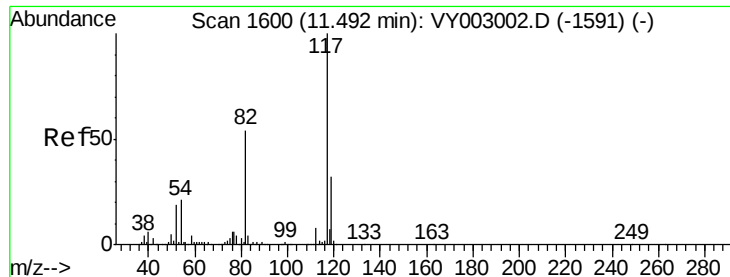
MMDadoda
 6/30/2020 12:54:03 PM



#62
 4-Bromofluorobenzene
 Concen: 9.640 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY003000.D
 Acq: 29 Jun 2020 11:31

Tgt Ion: 95 Resp: 54529
 Ion Ratio Lower Upper
 95 100
 174 91.6 0.0 184.8
 176 91.0 0.0 183.0





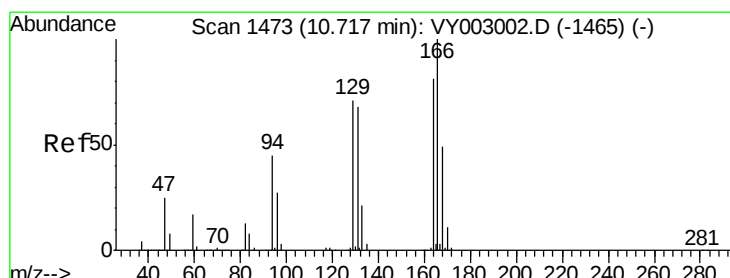
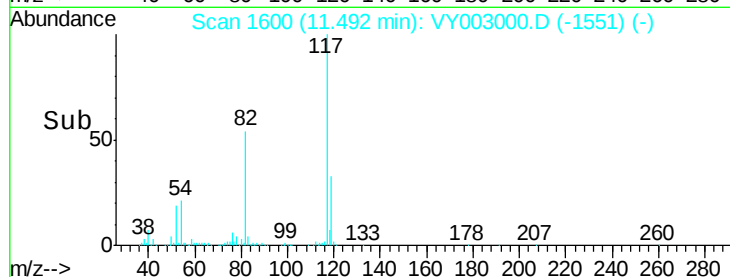
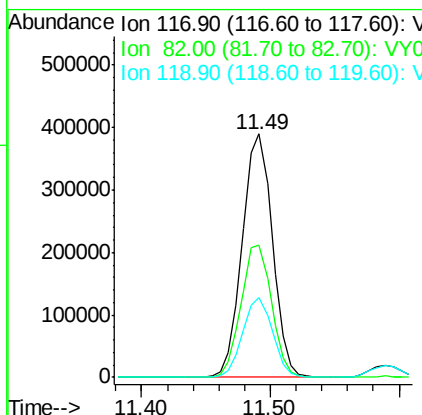
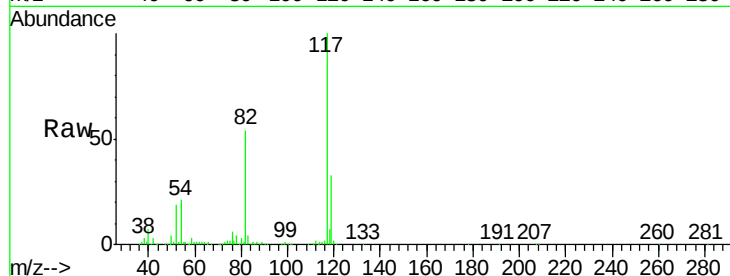
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003000.D
Acq: 29 Jun 2020 11:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.3	43.0	64.6
119	32.6	25.8	38.8

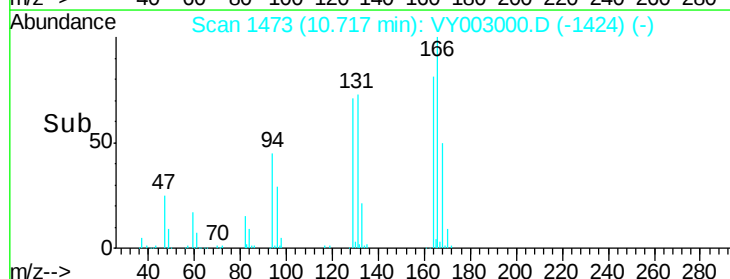
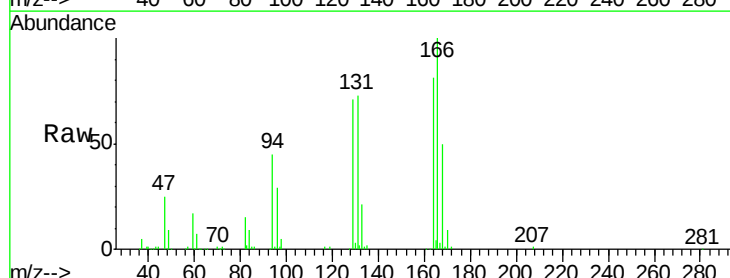
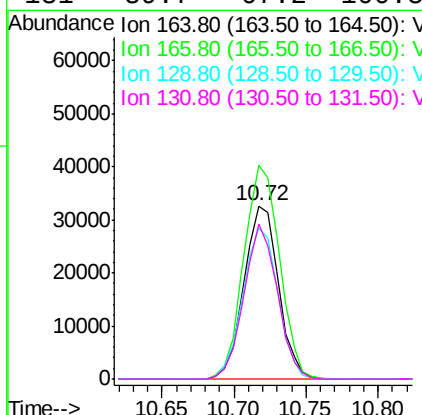
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6/30/2020 12:54:03 PM



#64
Tetrachloroethene
Concen: 10.094 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY003000.D
Acq: 29 Jun 2020 11:31

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.4	98.5	147.7
129	87.1	69.7	104.5
131	89.7	67.2	100.8





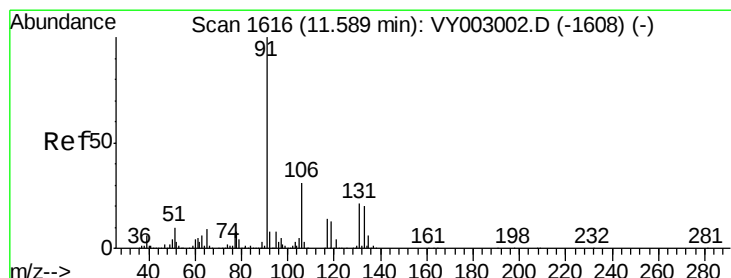
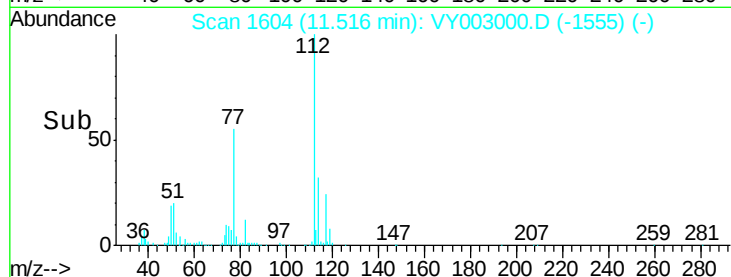
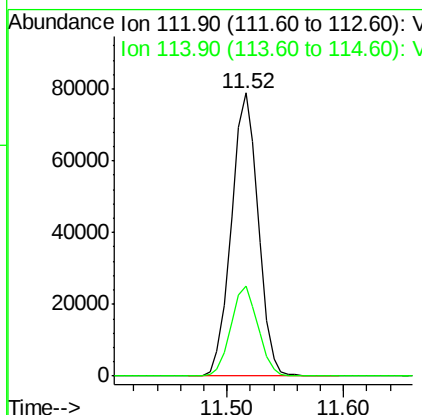
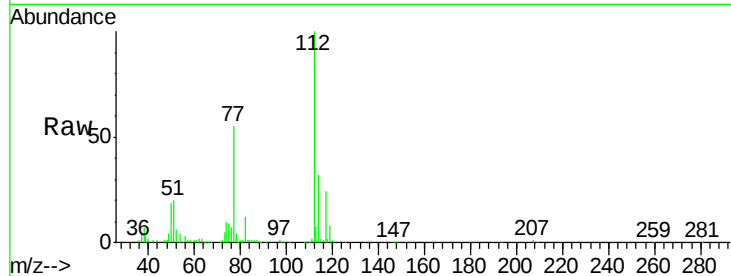
#65
Chlorobenzene
Concen: 10.177 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY003000.D
Acq: 29 Jun 2020 11:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.8	25.7	38.5

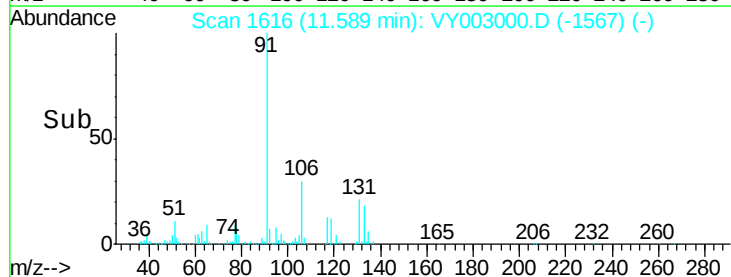
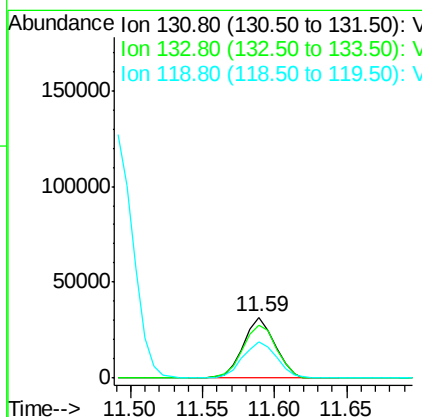
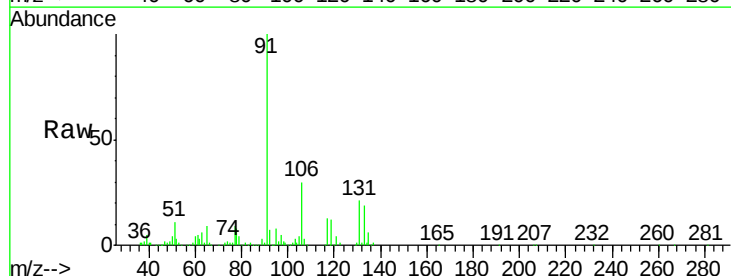
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6/30/2020 12:54:03 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 9.923 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY003000.D
Acq: 29 Jun 2020 11:31

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.5	47.9	143.8
119	64.1	31.8	95.3





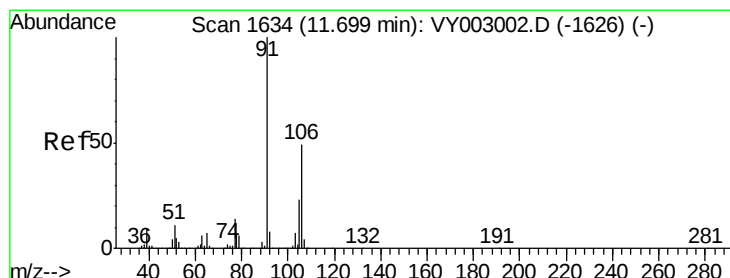
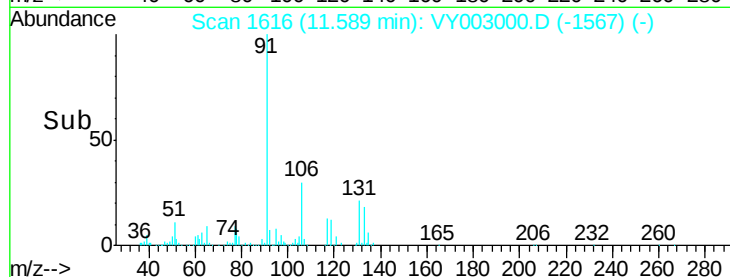
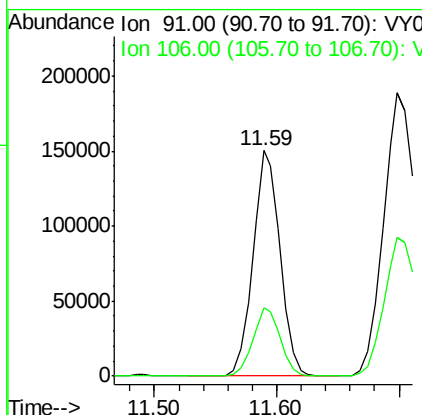
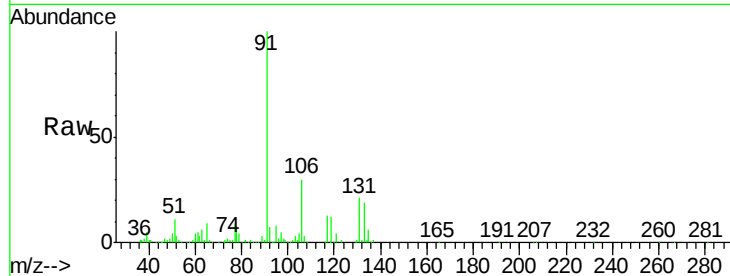
#67
Ethyl Benzene
Concen: 10.155 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY003000.D
Acq: 29 Jun 2020 11:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion: 91 Resp: 231107
Ion Ratio Lower Upper
91 100
106 30.2 25.0 37.4

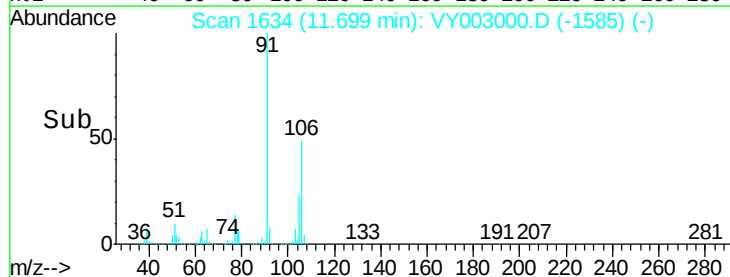
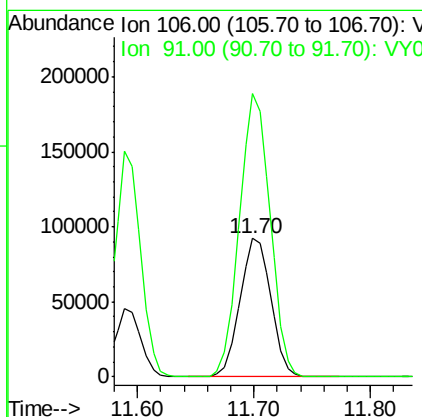
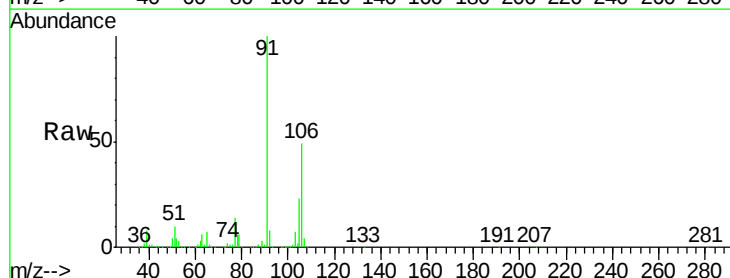
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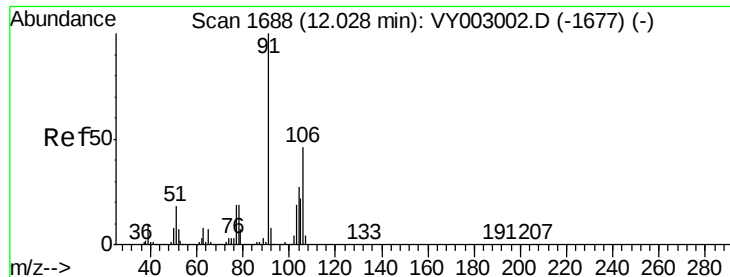
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#68
m/p-Xylenes
Concen: 20.224 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY003000.D
Acq: 29 Jun 2020 11:31

Tgt Ion: 106 Resp: 171293
Ion Ratio Lower Upper
106 100
91 202.7 161.9 242.9





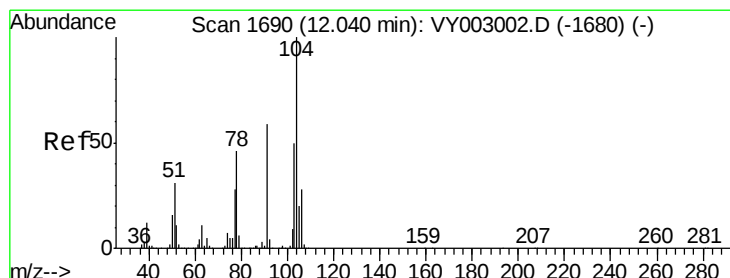
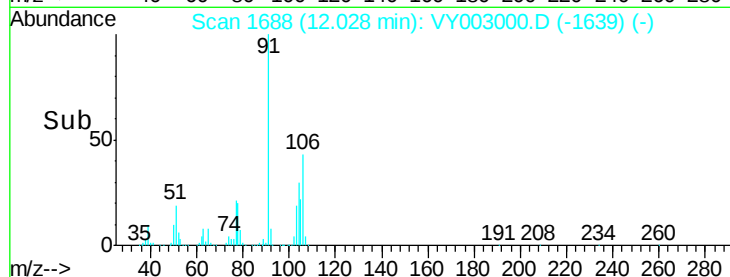
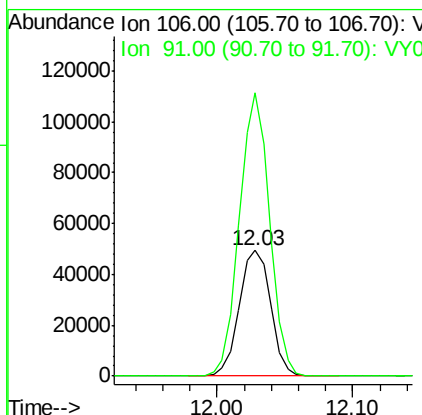
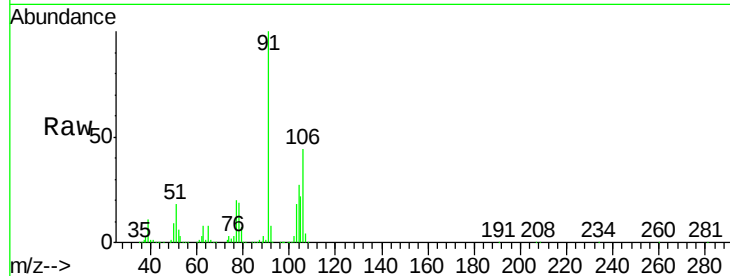
#69
o-Xylene
Concen: 9.995 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003000.D
Acq: 29 Jun 2020 11:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion:106 Resp: 79776
Ion Ratio Lower Upper
106 100
91 216.2 107.9 323.8

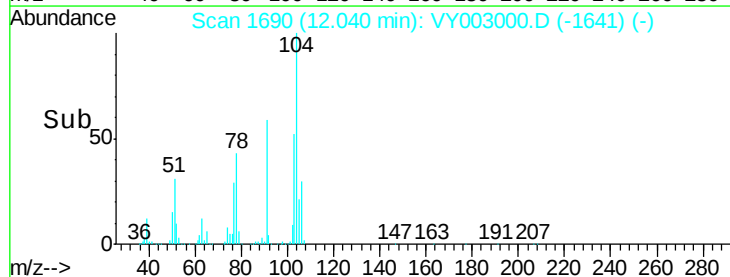
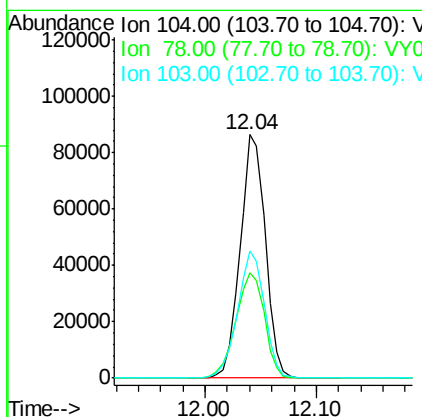
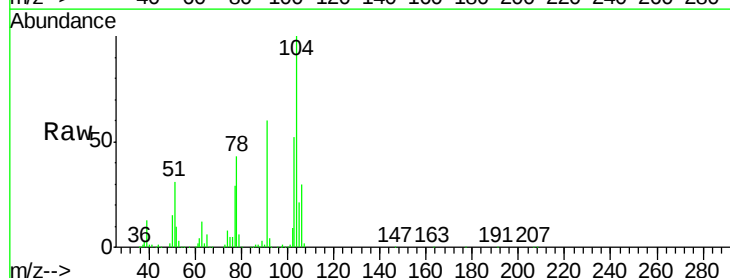
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6/30/2020 12:54:03 PM



#70
Styrene
Concen: 9.971 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY003000.D
Acq: 29 Jun 2020 11:31

Tgt Ion:104 Resp: 135956
Ion Ratio Lower Upper
104 100
78 48.7 40.4 60.6
103 55.3 44.1 66.1





#71

Bromoform

Concen: 10.080 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY003000.D

Acq: 29 Jun 2020 11:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion:173 Resp: 32643

Ion Ratio Lower Upper

173 100

175 49.6 24.6 73.6

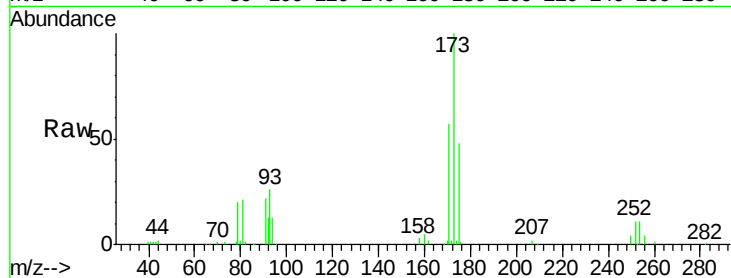
254 0.0 0.2 0.2#

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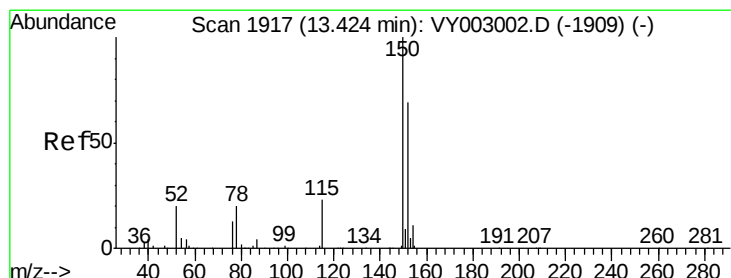
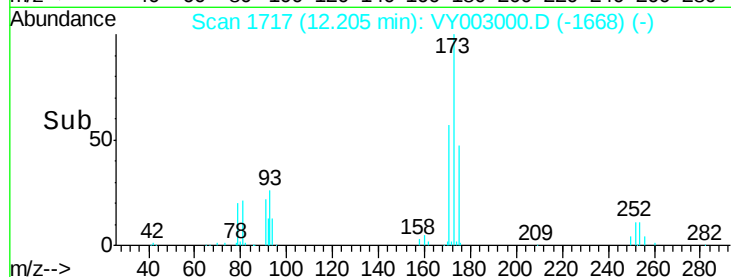
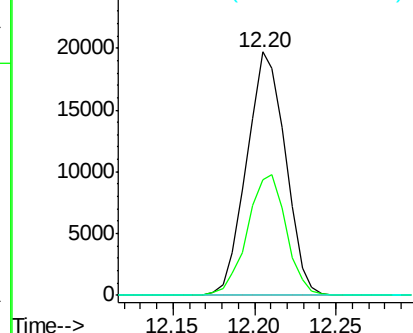
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY003000.D

Acq: 29 Jun 2020 11:31

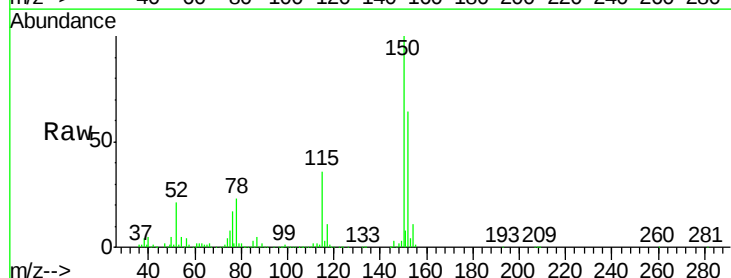
Tgt Ion:152 Resp: 335192

Ion Ratio Lower Upper

152 100

115 55.4 27.3 81.9

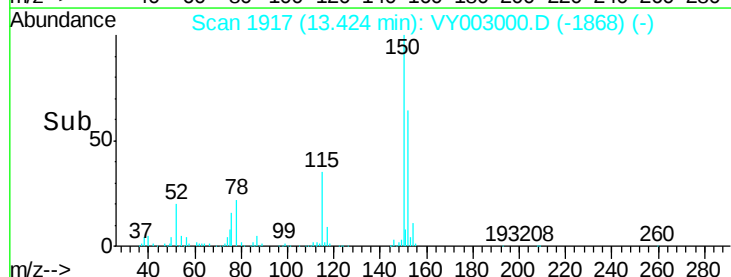
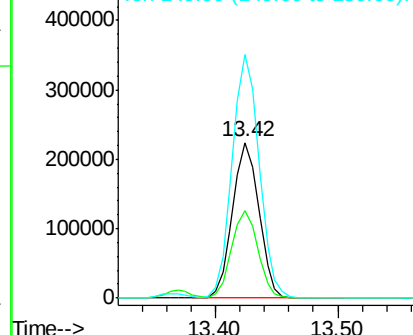
150 159.7 0.0 343.4

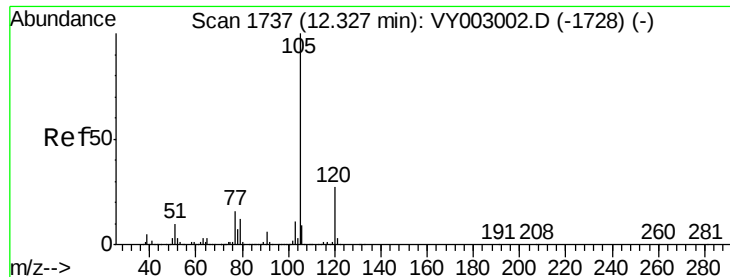


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 9.987 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY003000.D

Acq: 29 Jun 2020 11:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 105 Resp: 219083

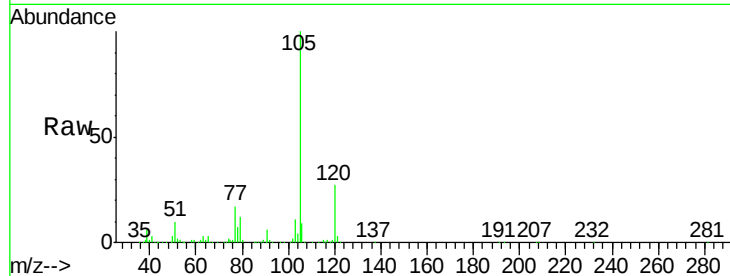
Ion Ratio Lower Upper

105 100

120 27.1 13.4 40.1

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.33

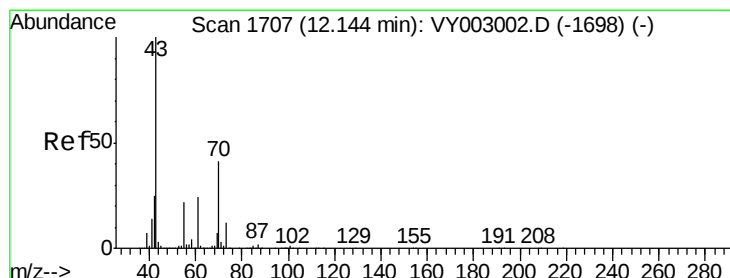
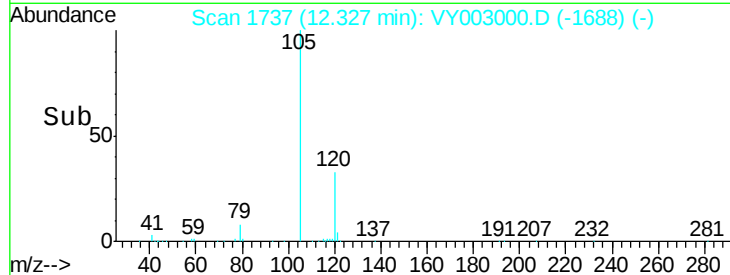
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 9.818 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY003000.D

Acq: 29 Jun 2020 11:31

Tgt Ion: 43 Resp: 70115

Ion Ratio Lower Upper

43 100

70 40.9 33.0 49.4

55 24.1 18.2 27.2

61 23.0 19.4 29.2

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

12.14

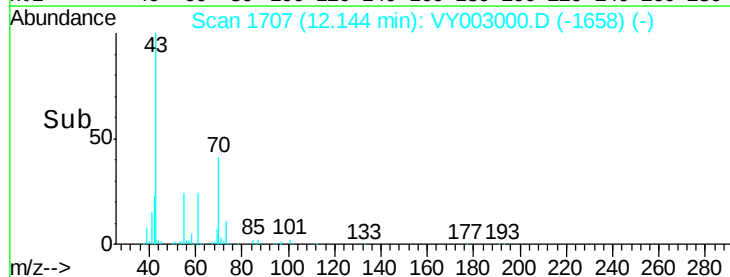
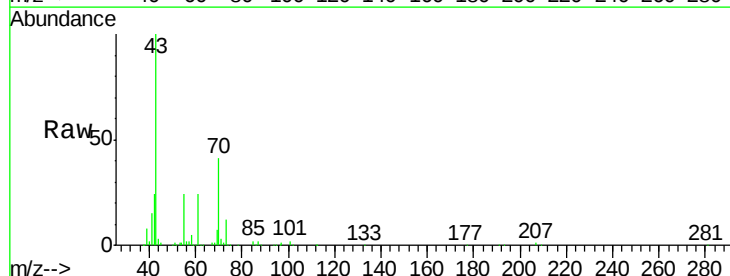
60000

40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 10.161 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY003000.D

Acq: 29 Jun 2020 11:31

Instrument :

MSVOA_Y

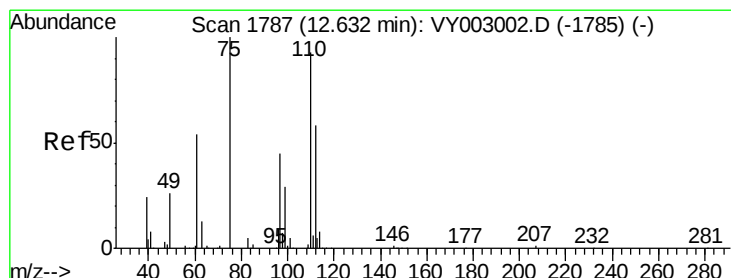
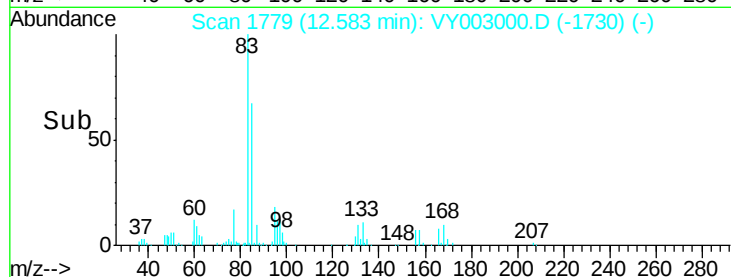
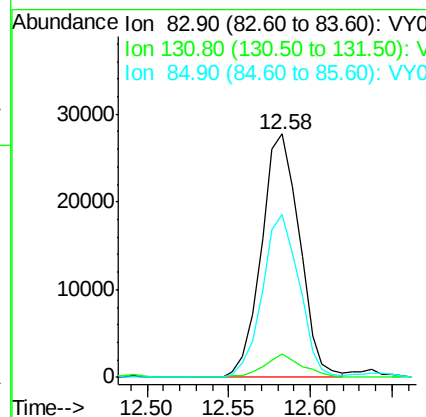
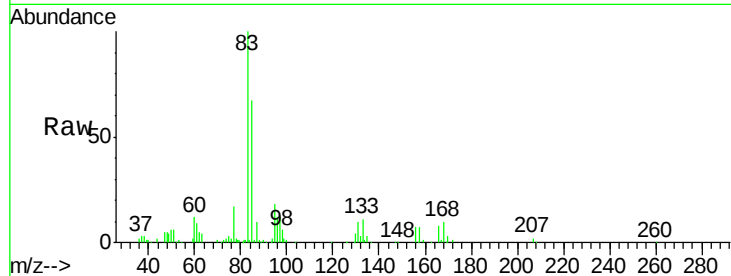
ClientSampleId :

VSTDIC010

Tot Ion:	83	Resp:	44983
Ion Ratio	Lower	Upper	
83	100		
131	9.8	5.3	16.1
85	64.6	32.1	96.3

Manual Integrations
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6/30/2020 12:54:03 PM



#76

1,2,3-Trichloropropane

Concen: 6.084 ug/l m

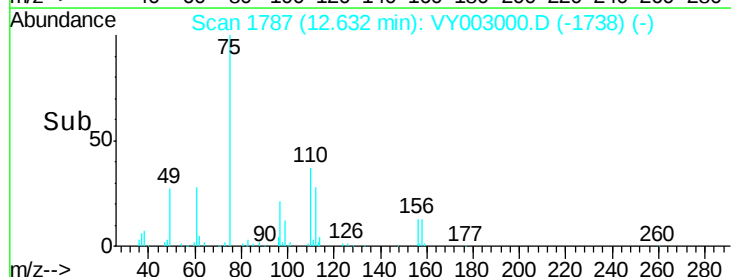
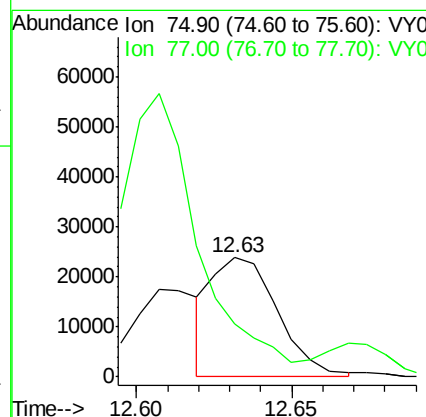
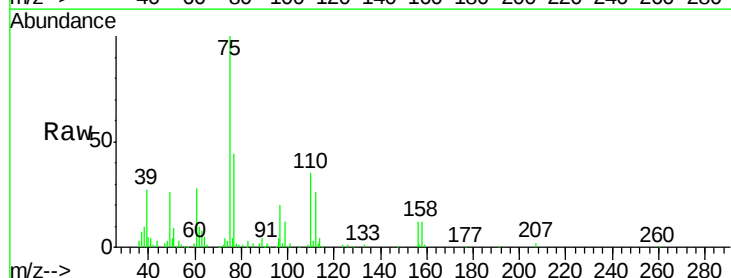
RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY003000.D

Acq: 29 Jun 2020 11:31

Tgt Ion:	75	Resp:	34855
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 9.855 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY003000.D

Acq: 29 Jun 2020 11:31

Instrument :

MSVOA_Y

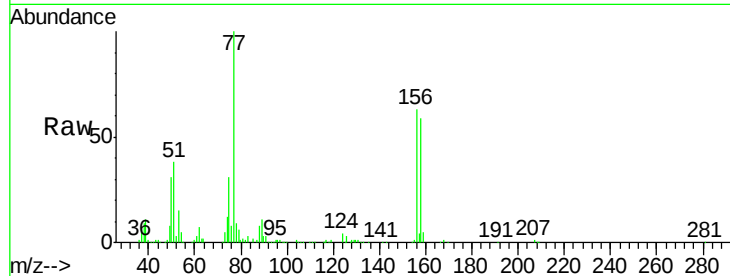
ClientSampleId :

VSTDIC010

Tot Ion:	156	Resp:	55430
Ion Ratio	Lower	Upper	
156	100		
77	182.5	90.0	270.0
158	97.0	48.5	145.5

Manual Integrations
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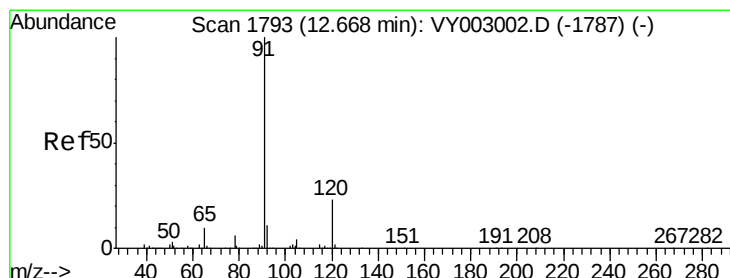
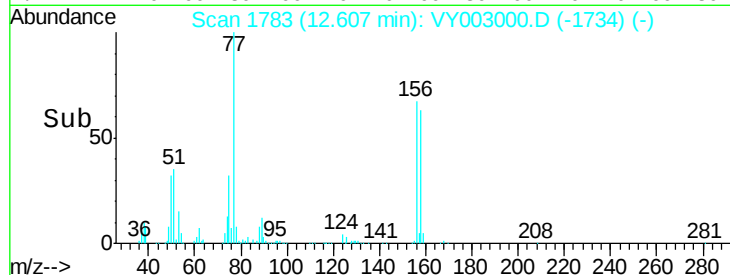
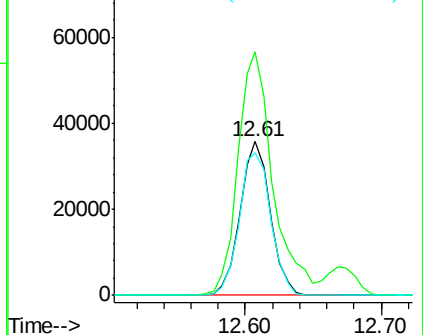
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 10.182 ug/l

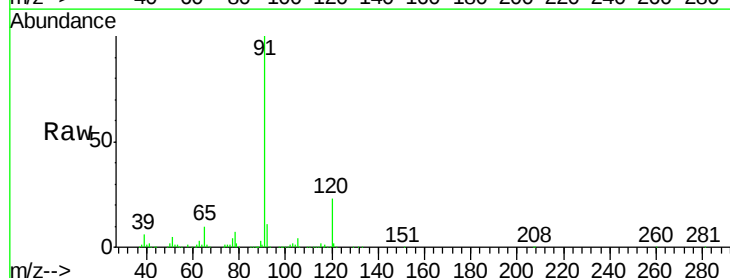
RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY003000.D

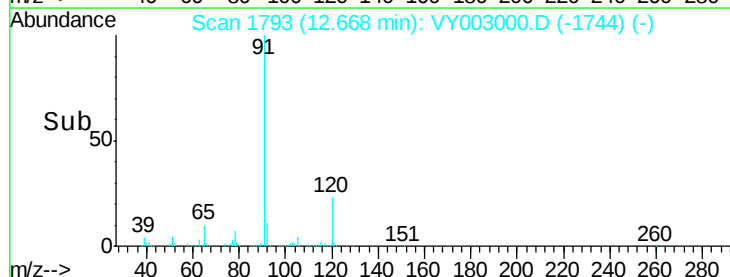
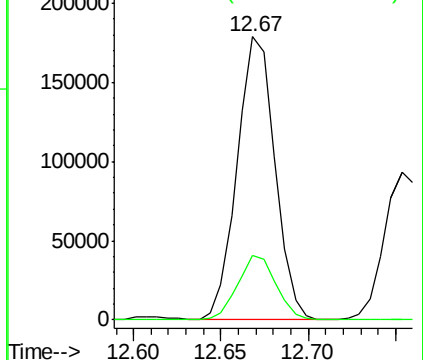
Acq: 29 Jun 2020 11:31

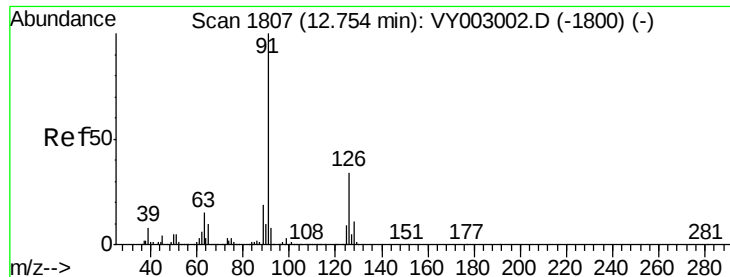
Tgt Ion:	91	Resp:	268621
Ion Ratio	Lower	Upper	
91	100		
120	23.1	11.5	34.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 10.078 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY003000.D

Acq: 29 Jun 2020 11:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 91 Resp: 148401

Ion Ratio Lower Upper

91 100

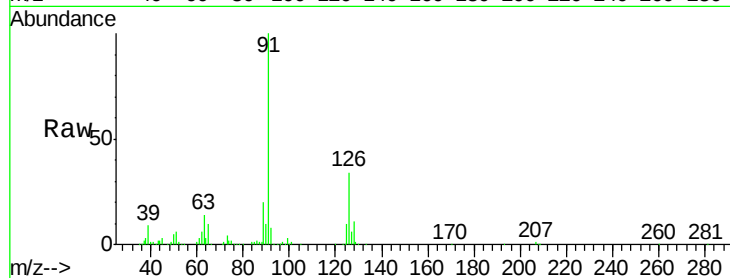
126 35.1 17.1 51.3

Manual Integrations

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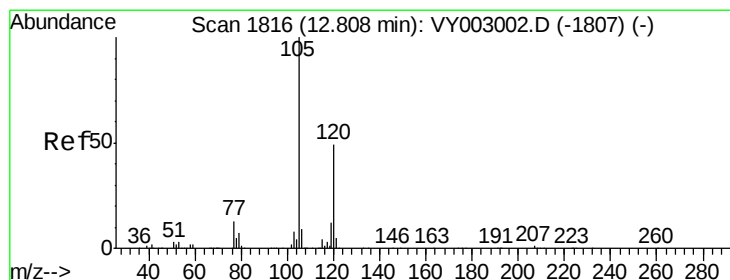
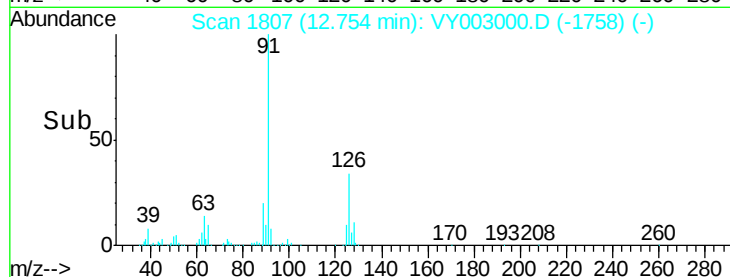
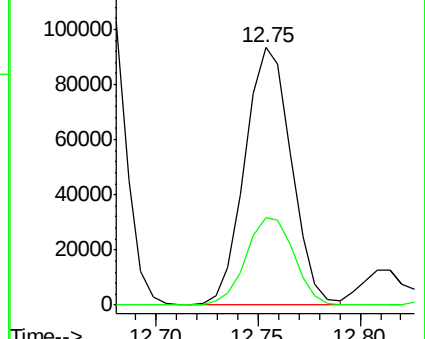
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Abundance Ion 91.00 (90.70 to 91.70): VY003000.D (-1800) (-)

Ion 125.90 (125.60 to 126.60): VY003000.D (-1800) (-)



#80

1,3,5-Trimethylbenzene

Concen: 10.118 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. 0.01 min

Lab File: VY003000.D

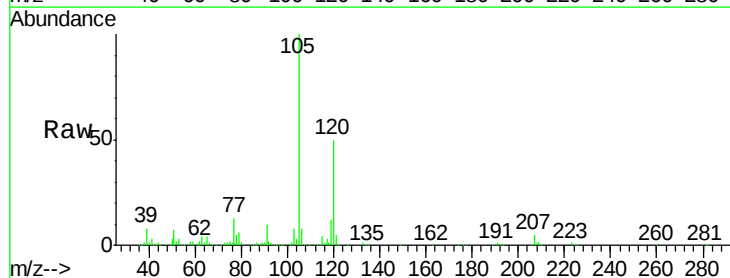
Acq: 29 Jun 2020 11:31

Tgt Ion: 105 Resp: 186253

Ion Ratio Lower Upper

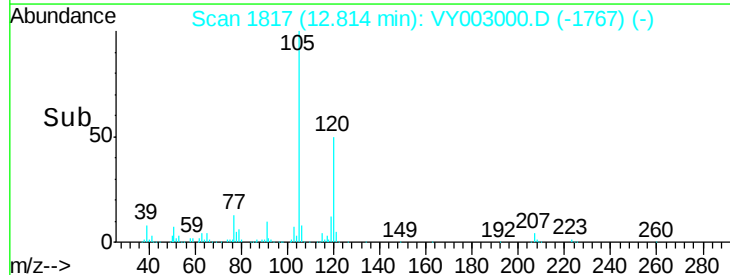
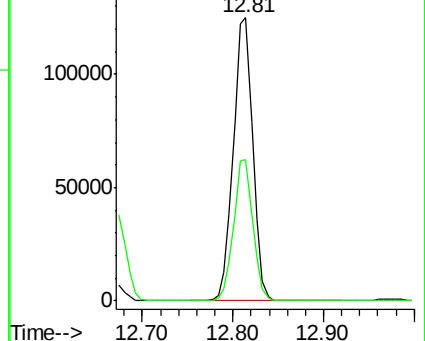
105 100

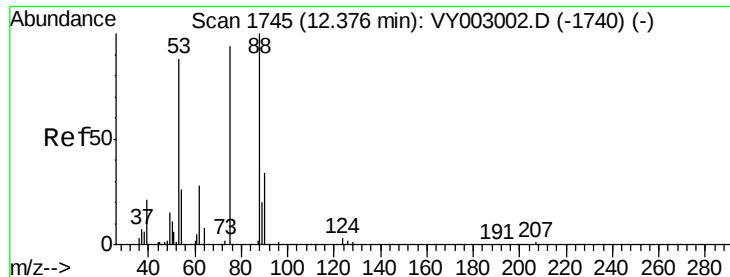
120 49.3 24.6 73.6



Abundance Ion 105.00 (104.70 to 105.70): VY003000.D (-1767) (-)

Ion 120.00 (119.70 to 120.70): VY003000.D (-1767) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 10.373 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VY003000.D

Acq: 29 Jun 2020 11:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 75 Resp: 17687

Ion Ratio Lower Upper

75 100

53 91.7 73.9 110.9

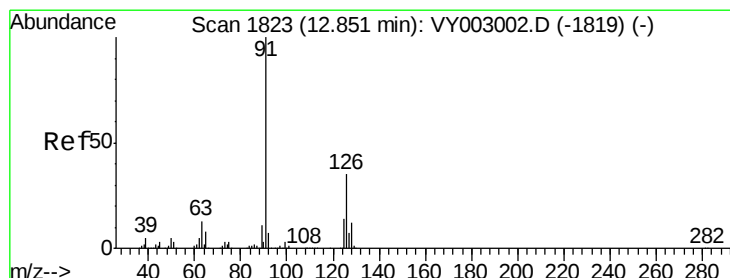
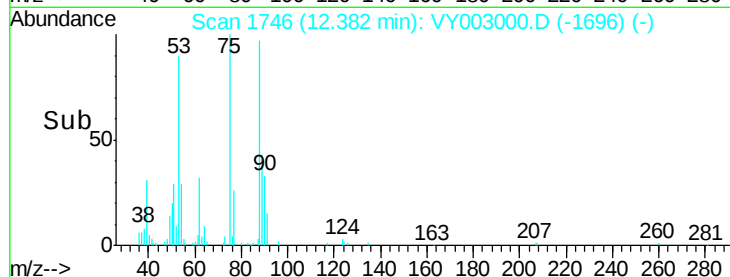
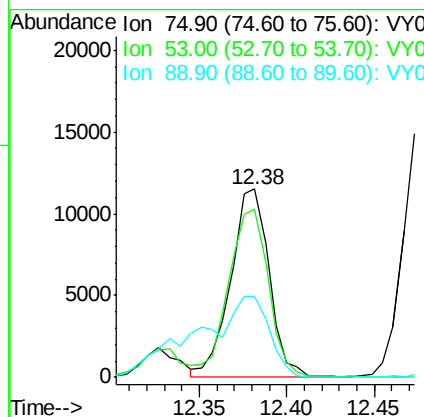
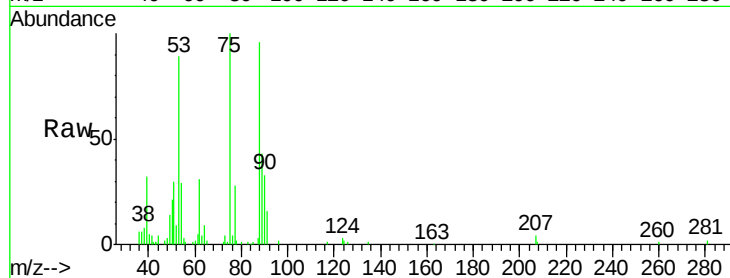
89 81.5 37.5 56.3#

Manual Integrations

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6/30/2020 12:54:03 PM



#82

4-Chlorotoluene

Concen: 10.319 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.00 min

Lab File: VY003000.D

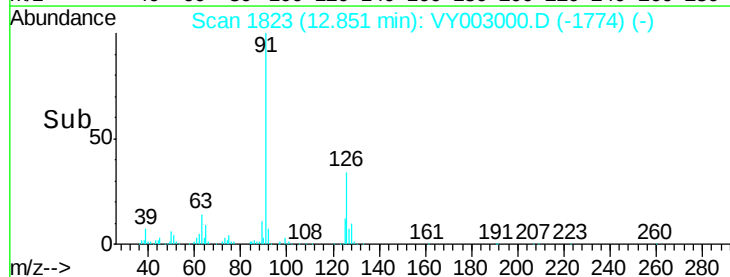
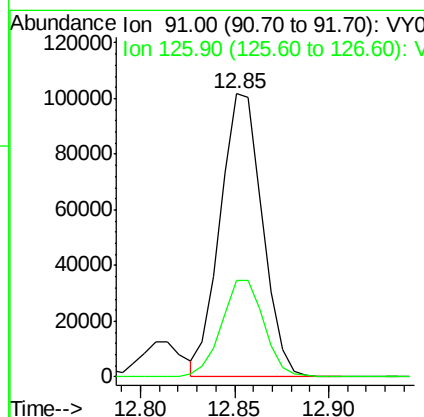
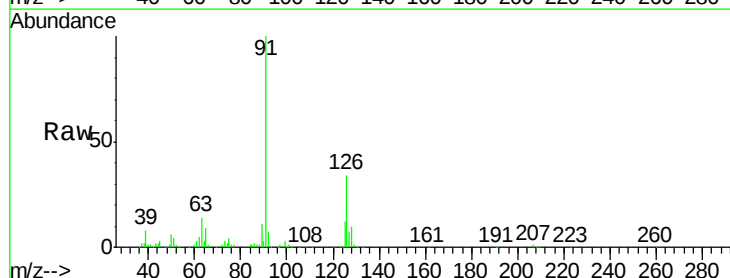
Acq: 29 Jun 2020 11:31

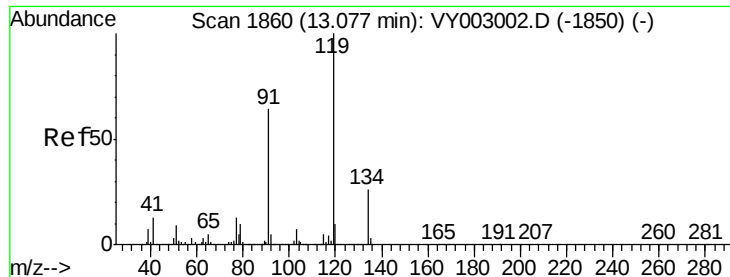
Tgt Ion: 91 Resp: 158217

Ion Ratio Lower Upper

91 100

126 34.4 17.4 52.3





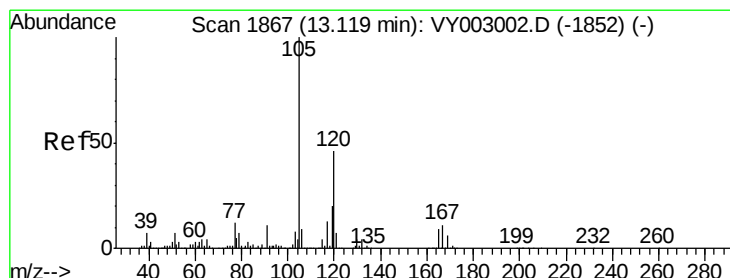
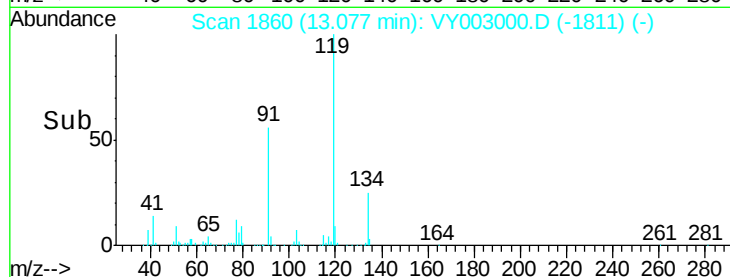
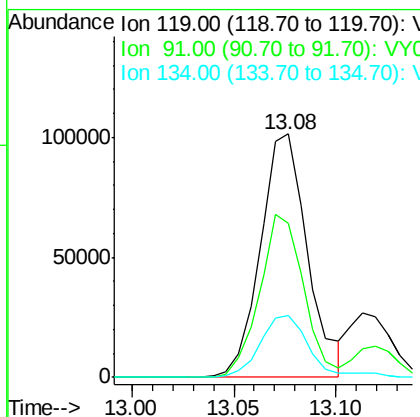
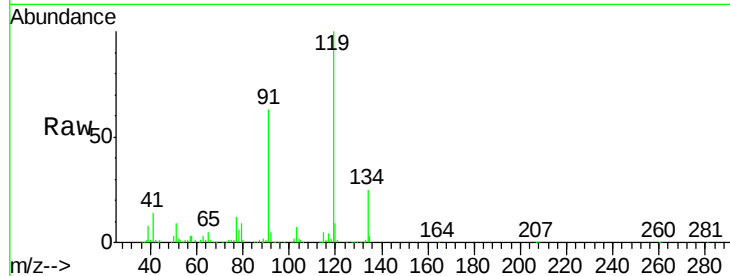
#83
tert-Butylbenzene
Concen: 10.074 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. -0.00 min
Lab File: VY003000.D
Acq: 29 Jun 2020 11:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
119	100	162837		
91	62.9	31.6	95.0	
134	26.5	13.2	39.5	

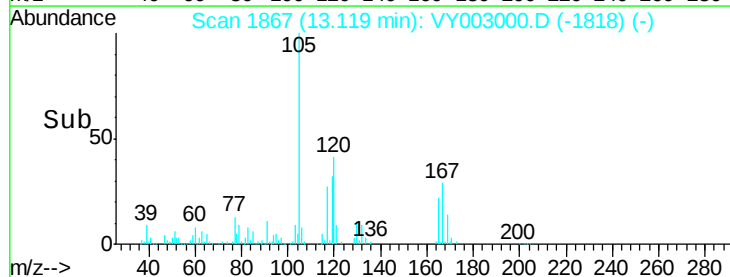
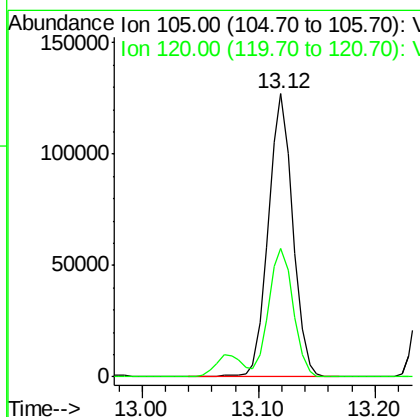
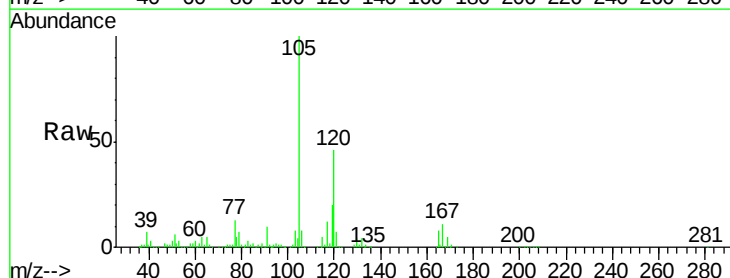
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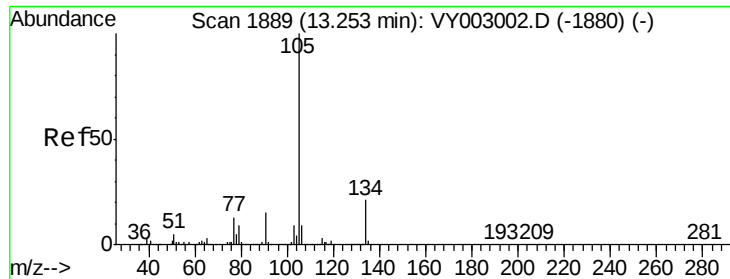
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#84
1,2,4-Trimethylbenzene
Concen: 10.052 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VY003000.D
Acq: 29 Jun 2020 11:31

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	186452		
120	45.4	22.6	67.8	





#85

sec-Butylbenzene

Concen: 10.081 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY003000.D

Acq: 29 Jun 2020 11:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion:105 Resp: 224588

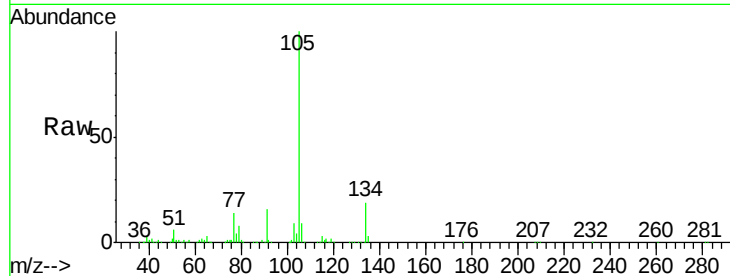
Ion Ratio Lower Upper

105 100

134 20.1 10.4 31.2

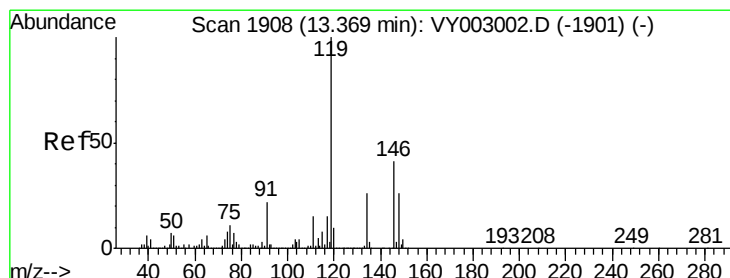
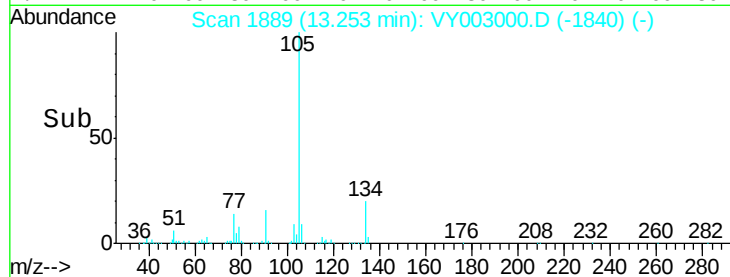
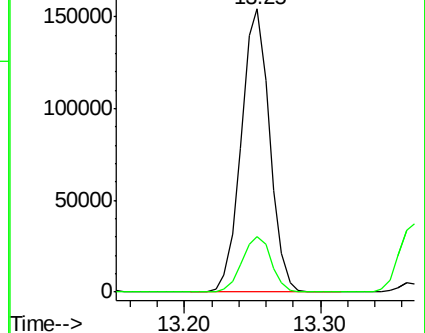
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 10.153 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY003000.D

Acq: 29 Jun 2020 11:31

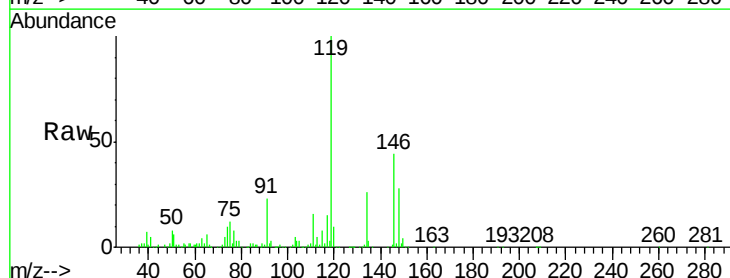
Tgt Ion:119 Resp: 209597

Ion Ratio Lower Upper

119 100

134 26.7 13.5 40.4

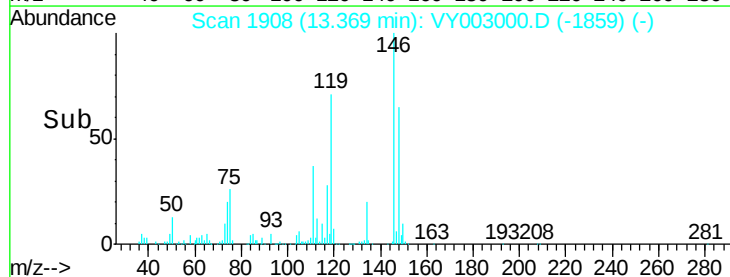
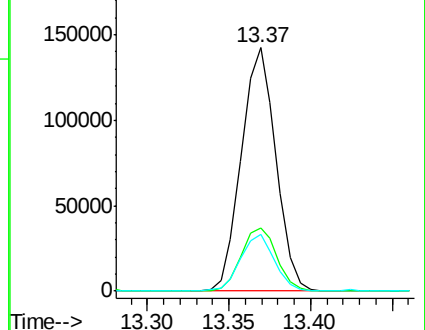
91 22.7 11.5 34.5

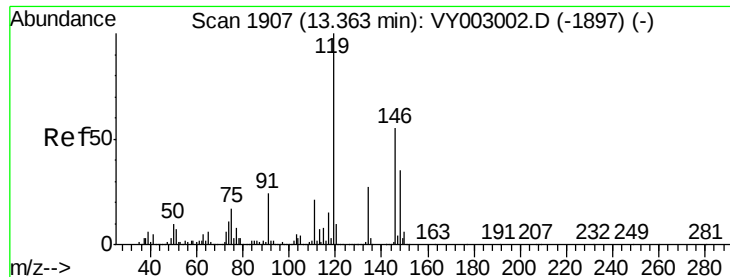


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





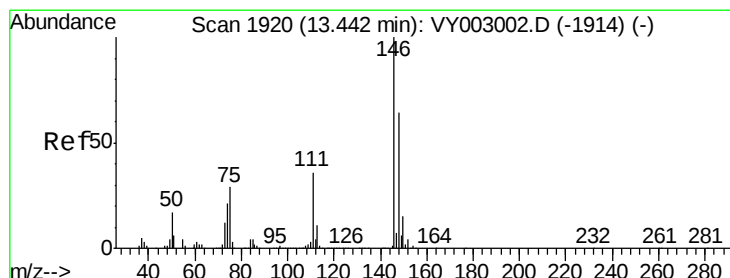
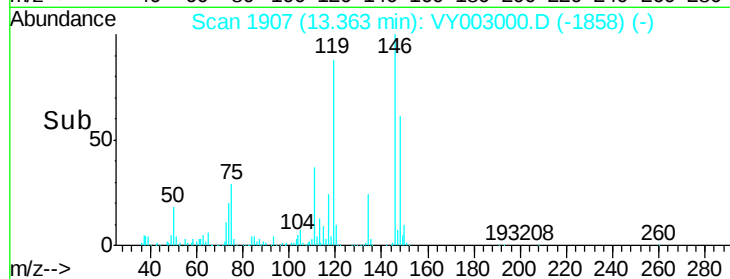
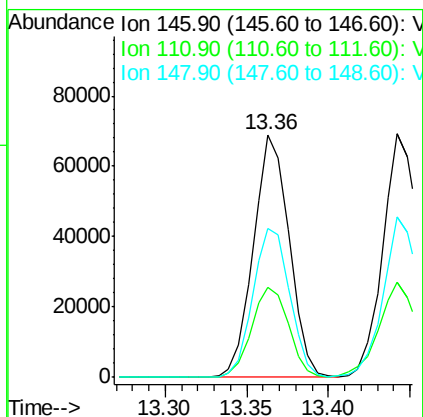
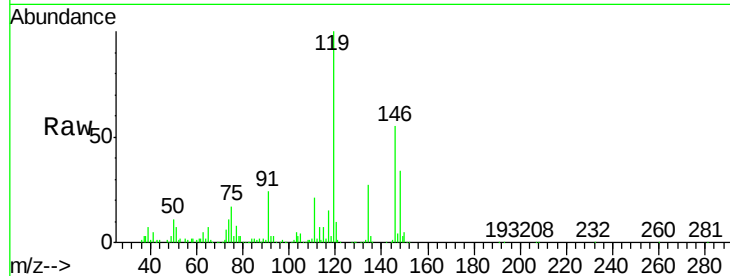
#87
 1,3-Dichlorobenzene
 Concen: 10.054 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY003000.D
 Acq: 29 Jun 2020 11:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
146	100	105578		
111	38.3		18.8	56.3
148	63.1		31.8	95.3

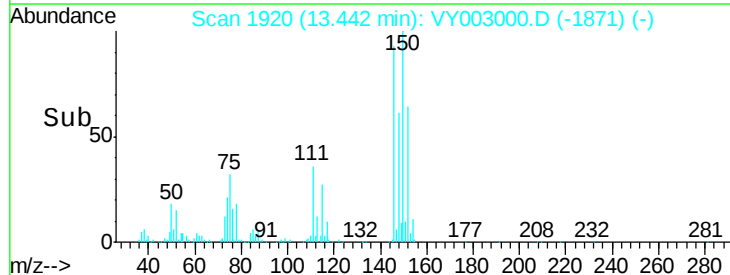
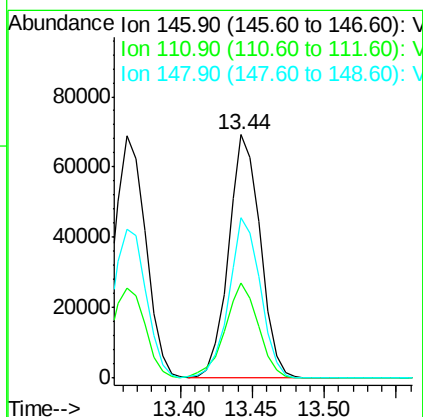
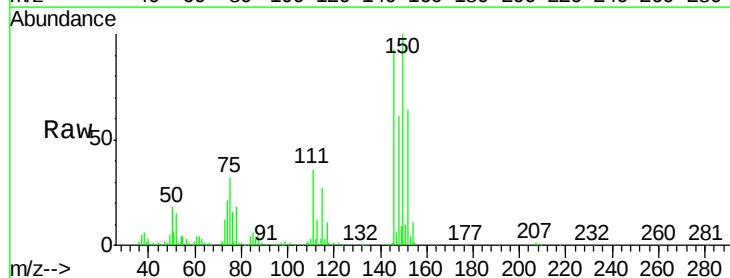
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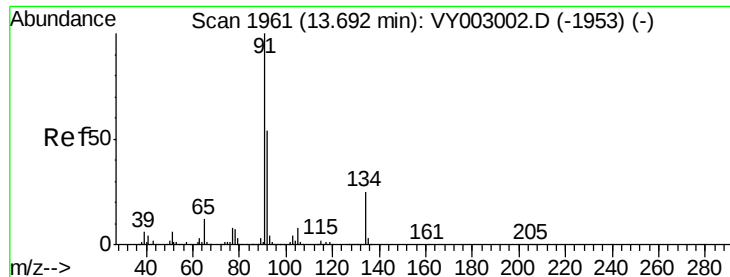
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#88
 1,4-Dichlorobenzene
 Concen: 10.303 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY003000.D
 Acq: 29 Jun 2020 11:31

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	106680		
111	41.1		18.4	55.4
148	65.6		32.3	96.9





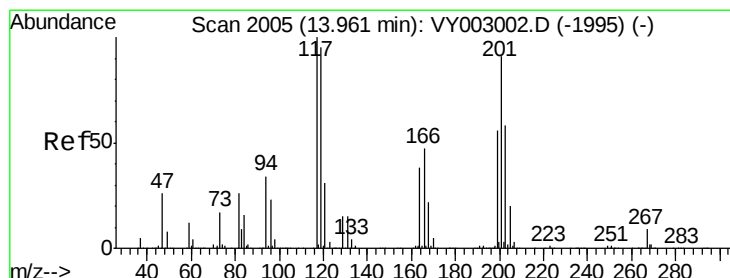
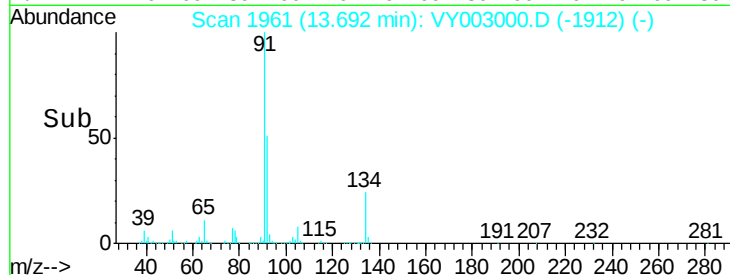
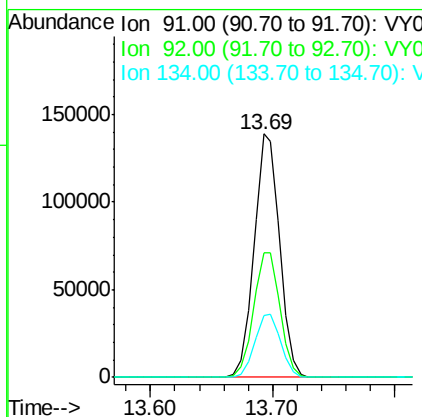
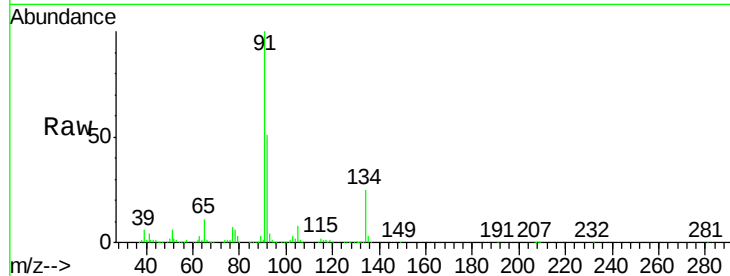
#89
n-Butylbenzene
Concen: 10.207 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY003000.D
Acq: 29 Jun 2020 11:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.2	26.8	80.3
134	26.4	13.1	39.1

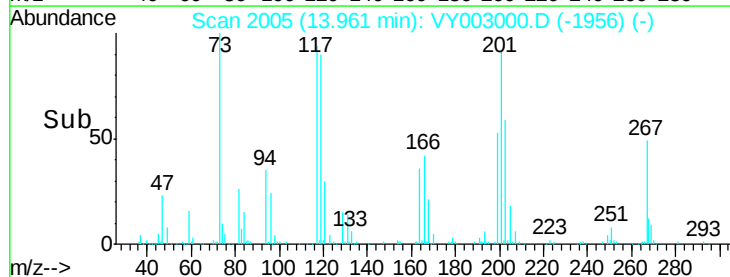
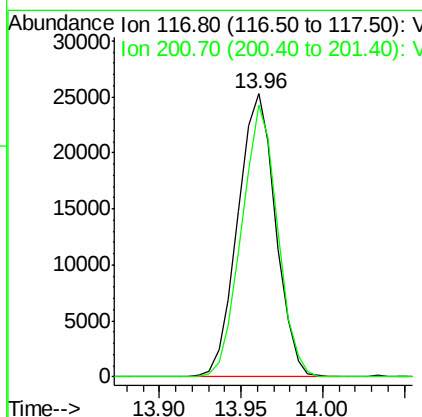
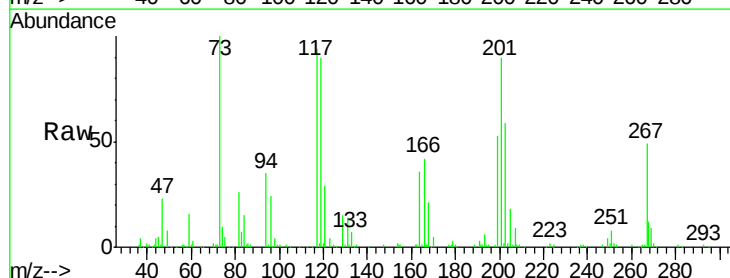
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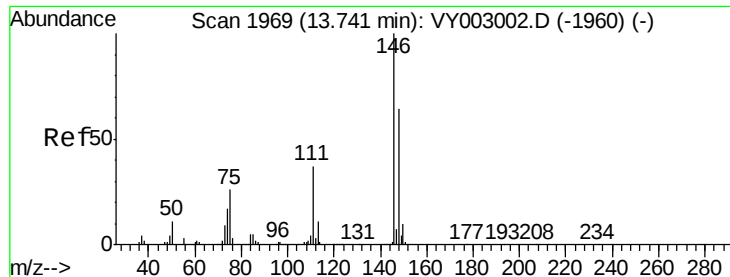
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#90
Hexachloroethane
Concen: 9.969 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY003000.D
Acq: 29 Jun 2020 11:31

Tgt Ion	Ratio	Lower	Upper
117	100		
201	91.0	45.5	136.4





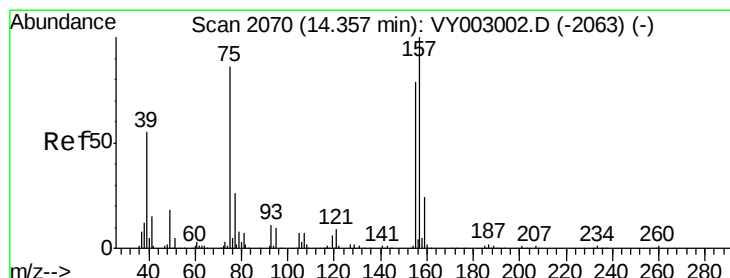
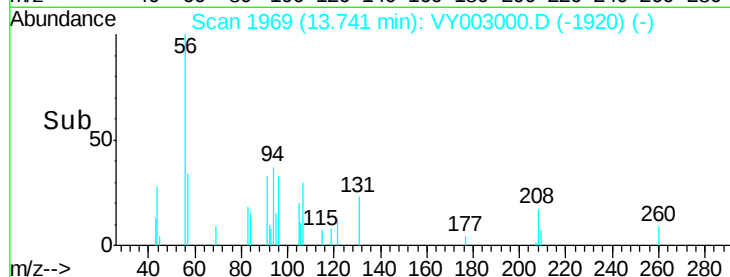
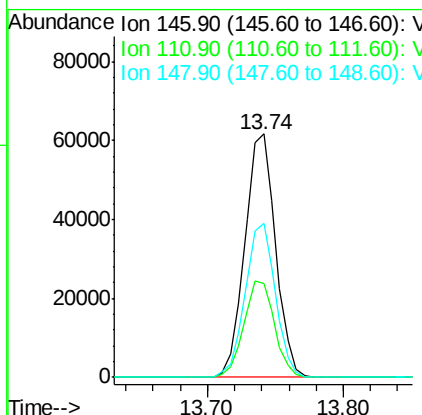
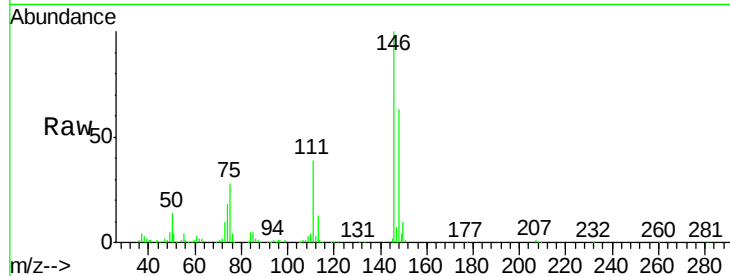
#91
 1,2-Dichlorobenzene
 Concen: 10.348 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: VY003000.D
 Acq: 29 Jun 2020 11:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.1	57.5
148	62.2	31.8	95.3

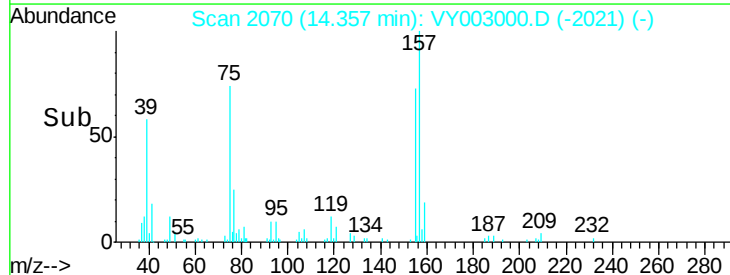
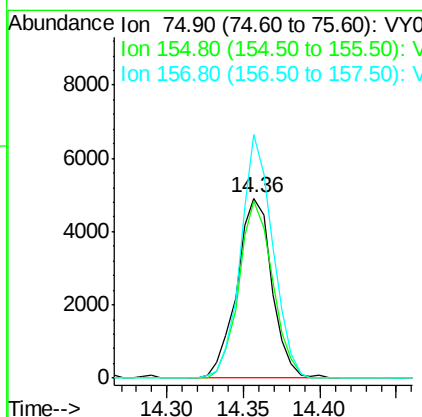
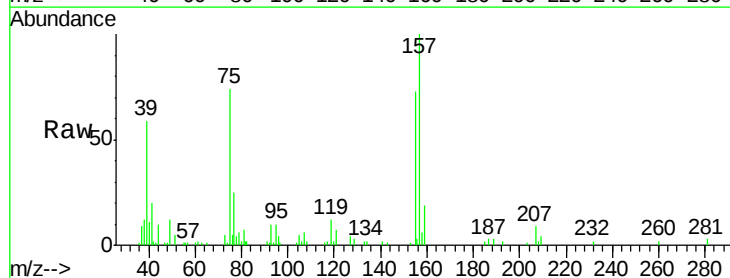
Manual Integrations
 APPROVED

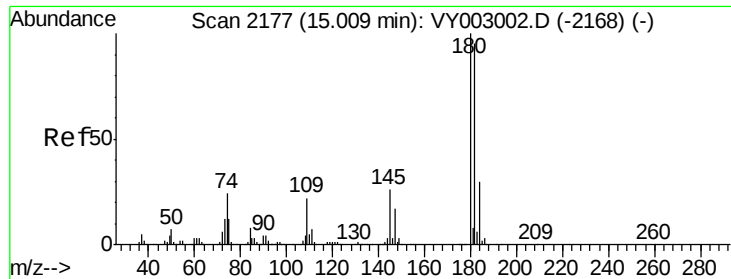
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 9.959 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY003000.D
 Acq: 29 Jun 2020 11:31

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.5	46.5	139.3
157	123.5	59.2	177.5





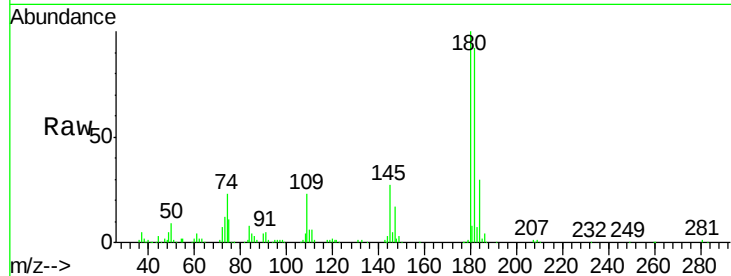
#93
 1,2,4-Trichlorobenzene
 Concen: 10.418 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: VY003000.D
 Acq: 29 Jun 2020 11:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

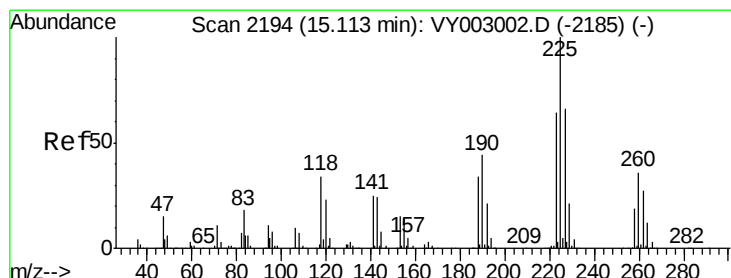
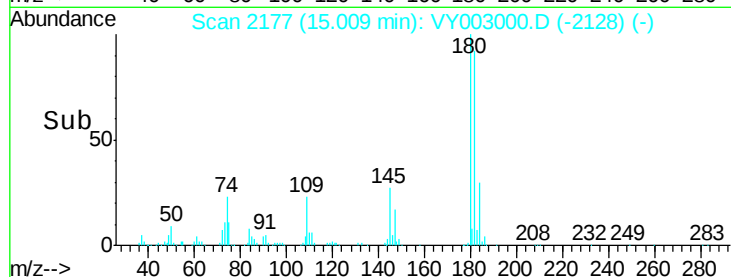
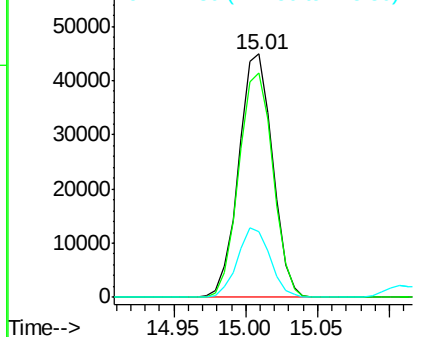
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.2	48.1	144.3
145	27.8	13.9	41.6

Manual Integrations
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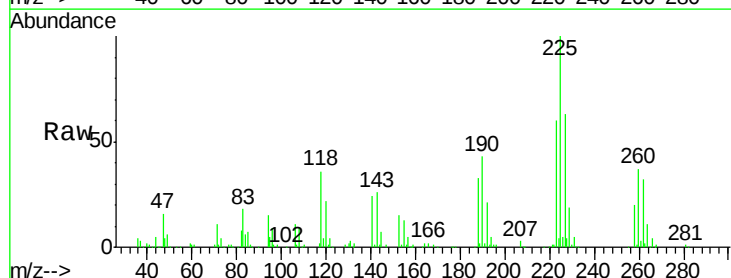


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

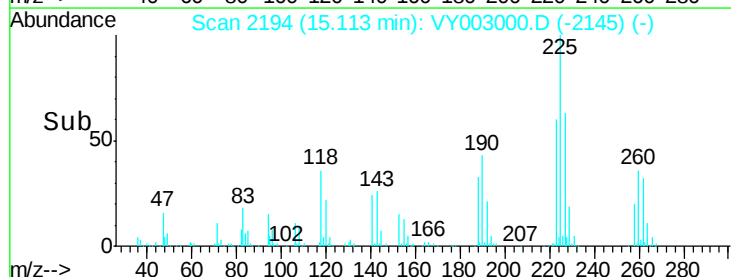
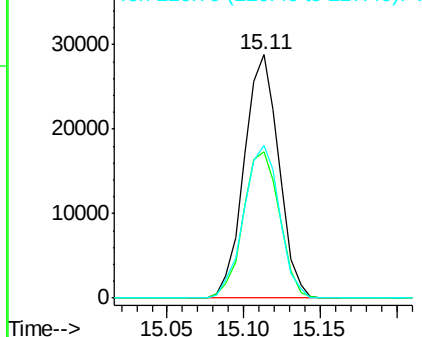


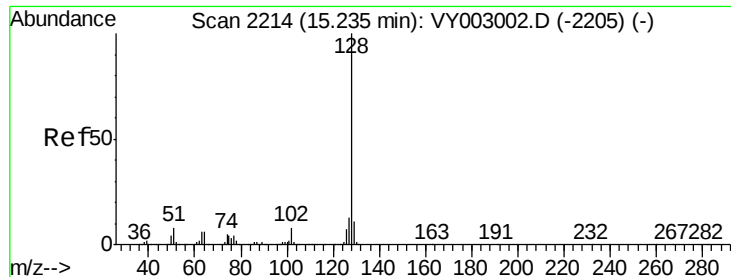
#94
 Hexachlorobutadiene
 Concen: 10.272 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY003000.D
 Acq: 29 Jun 2020 11:31

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	32.4	97.0
227	64.7	32.4	97.2



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





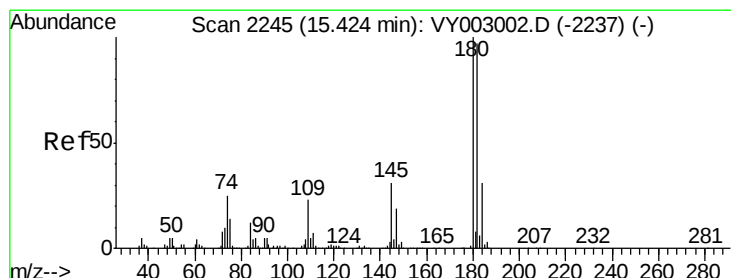
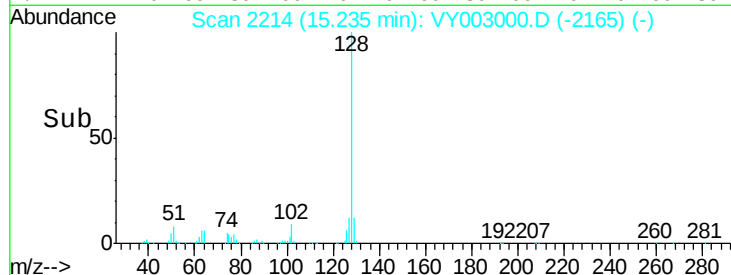
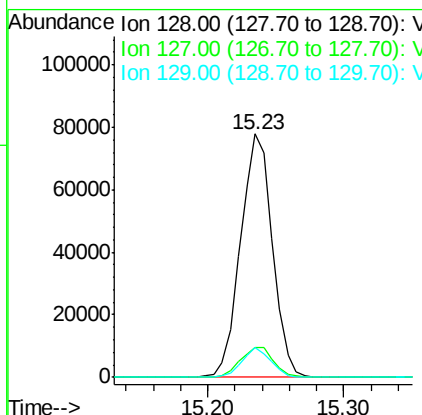
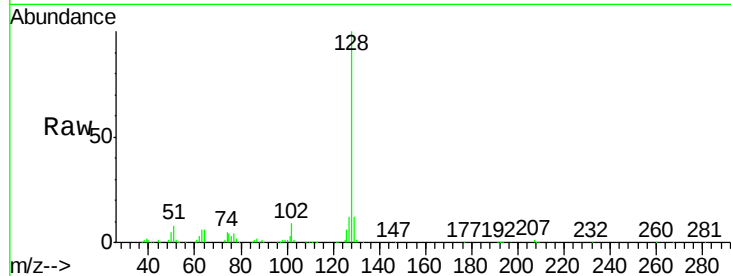
#95
Naphthalene
Concen: 9.922 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY003000.D
Acq: 29 Jun 2020 11:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
128	100	126873		
127	13.0		10.8	16.2
129	11.0		8.8	13.2

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 10.357 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY003000.D
Acq: 29 Jun 2020 11:31

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	62961		
182	92.9		47.8	143.3
145	29.7		14.7	44.1

