

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY071020\
 Data File : VY003162.D
 Acq On : 10 Jul 2020 13:53
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICSVY071020

Manual Integrations
 APPROVED

MMDadoda
 7/13/2020 10:47:45 AM

Quant Time: Jul 11 06:13:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	510745	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	734728	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	667396	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	351990	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	209507	48.60	ug/l	0.00
Spiked Amount			Recovery	=	97.20%	
35) Dibromofluoromethane	7.72	113	207121	48.99	ug/l	0.00
Spiked Amount			Recovery	=	97.98%	
50) Toluene-d8	10.18	98	754428	47.99	ug/l	0.00
Spiked Amount			Recovery	=	95.98%	
62) 4-Bromofluorobenzene	12.48	95	273582	48.18	ug/l	0.00
Spiked Amount			Recovery	=	96.36%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	167180	45.669	ug/l	96
3) Chloromethane	2.12	50	243392	47.934	ug/l	100
4) Vinyl Chloride	2.26	62	253948	48.745	ug/l	99
5) Bromomethane	2.65	94	196251	50.716	ug/l	100
6) Chloroethane	2.80	64	165388	48.333	ug/l	99
7) Trichlorofluoromethane	3.13	101	361281	48.559	ug/l	99
8) Diethyl Ether	3.54	74	124495	49.936	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.90	101	223921	49.833	ug/l	98
10) Methyl Iodide	4.10	142	253065	51.838	ug/l	99
11) Tert butyl alcohol	4.97	59	109068	233.980	ug/l	97
12) 1,1-Dichloroethene	3.88	96	211618	49.792	ug/l	97
13) Acrolein	3.74	56	90717	224.215	ug/l	99
14) Allyl chloride	4.49	41	320210	50.775	ug/l	99
15) Acrylonitrile	5.18	53	304175	253.988	ug/l	99
16) Acetone	3.96	43	264689	274.882	ug/l	96
17) Carbon Disulfide	4.20	76	648278	49.708	ug/l	99
18) Methyl Acetate	4.49	43	134201	50.185	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	605268	50.819	ug/l	96
20) Methylene Chloride	4.72	84	243168	50.215	ug/l	98
21) trans-1,2-Dichloroethene	5.22	96	241118	50.159	ug/l	95
22) Diisopropyl ether	6.13	45	727589	51.984	ug/l	97
23) Vinyl Acetate	6.07	43	2445191	262.111	ug/l	99
24) 1,1-Dichloroethane	6.03	63	406544	50.137	ug/l	100
25) 2-Butanone	7.00	43	409609	259.078	ug/l	97
26) 2,2-Dichloropropane	6.99	77	371215	50.834	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	267515	50.544	ug/l	100
28) Bromochloromethane	7.35	49	162865	46.391	ug/l	99
29) Tetrahydrofuran	7.35	42	271572	255.692	ug/l	99
30) Chloroform	7.52	83	421097	50.422	ug/l	99
31) Cyclohexane	7.79	56	377476	48.141	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	376319	50.053	ug/l	99
36) 1,1-Dichloropropene	7.93	75	335191	50.336	ug/l	99
37) Ethyl Acetate	7.08	43	192709	53.738	ug/l	99
38) Carbon Tetrachloride	7.91	117	343166	49.919	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	421737	50.415	ug/l	96
40) Benzene	8.17	78	923739	50.379	ug/l	98
41) Methacrylonitrile	7.33	41	93856m	43.456	ug/l	
42) 1,2-Dichloroethane	8.24	62	285241	50.531	ug/l	99
43) Isopropyl Acetate	8.28	43	360951	52.000	ug/l	99
44) Trichloroethene	8.94	130	285228	50.745	ug/l	97
45) 1,2-Dichloropropane	9.22	63	241291	50.858	ug/l	99
46) Dibromomethane	9.31	93	142360	51.374	ug/l	98
47) Bromodichloromethane	9.50	83	334952	50.823	ug/l	99
48) Methyl methacrylate	9.30	41	162560	52.385	ug/l	99
49) 1,4-Dioxane	9.31	88	36370	1034.146	ug/l	91
51) 4-Methyl-2-Pentanone	10.07	43	951987	263.860	ug/l	100
52) Toluene	10.24	92	593092	50.607	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	357621	52.373	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	403208	51.250	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	197913	50.402	ug/l	99
56) Ethyl methacrylate	10.51	69	286659	53.697	ug/l	98
57) 1,3-Dichloropropane	10.79	76	339654	51.015	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	663821	243.818	ug/l	100
59) 2-Hexanone	10.83	43	671557	266.640	ug/l	99
60) Dibromochloromethane	10.99	129	251932	51.011	ug/l	99
61) 1,2-Dibromoethane	11.09	107	196171	50.618	ug/l	99
64) Tetrachloroethene	10.72	164	302604	50.852	ug/l	99
65) Chlorobenzene	11.52	112	654949	50.941	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	255104	51.086	ug/l	100
67) Ethyl Benzene	11.59	91	1182340	51.504	ug/l	99
68) m/p-Xylenes	11.70	106	895456	102.805	ug/l	100
69) o-Xylene	12.03	106	420642	51.693	ug/l	100
70) Styrene	12.05	104	721064	51.800	ug/l	99
71) Bromoform	12.20	173	172202	52.542	ug/l	99
73) Isopropylbenzene	12.33	105	1148487	51.200	ug/l	100
74) N-amyl acetate	12.14	43	343183	54.526	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	224276	51.769	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	167258m	53.682	ug/l	
77) Bromobenzene	12.61	156	292657	51.184	ug/l	99
78) n-propylbenzene	12.67	91	1367144	51.706	ug/l	100
79) 2-Chlorotoluene	12.75	91	756038	51.249	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	956449	51.160	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	85222	53.233	ug/l	99
82) 4-Chlorotoluene	12.85	91	794657	51.609	ug/l	99
83) tert-Butylbenzene	13.08	119	839944	50.918	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	962401	51.163	ug/l	99
85) sec-Butylbenzene	13.25	105	1156883	51.025	ug/l	100
86) p-Isopropyltoluene	13.37	119	1074671	50.764	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	546868	50.577	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	545837	50.989	ug/l	99
89) n-Butylbenzene	13.70	91	1007626	50.602	ug/l	100
90) Hexachloroethane	13.96	117	195771	50.780	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	489489	51.586	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	36083	51.374	ug/l	97

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QLast Update : Fri Jul 10 13:18:03 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	345182	51.135	ug/l	100
94) Hexachlorobutadiene	15.11	225	223520	48.324	ug/l	100
95) Naphthalene	15.23	128	602283	53.987	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	275438	51.618	ug/l	99

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

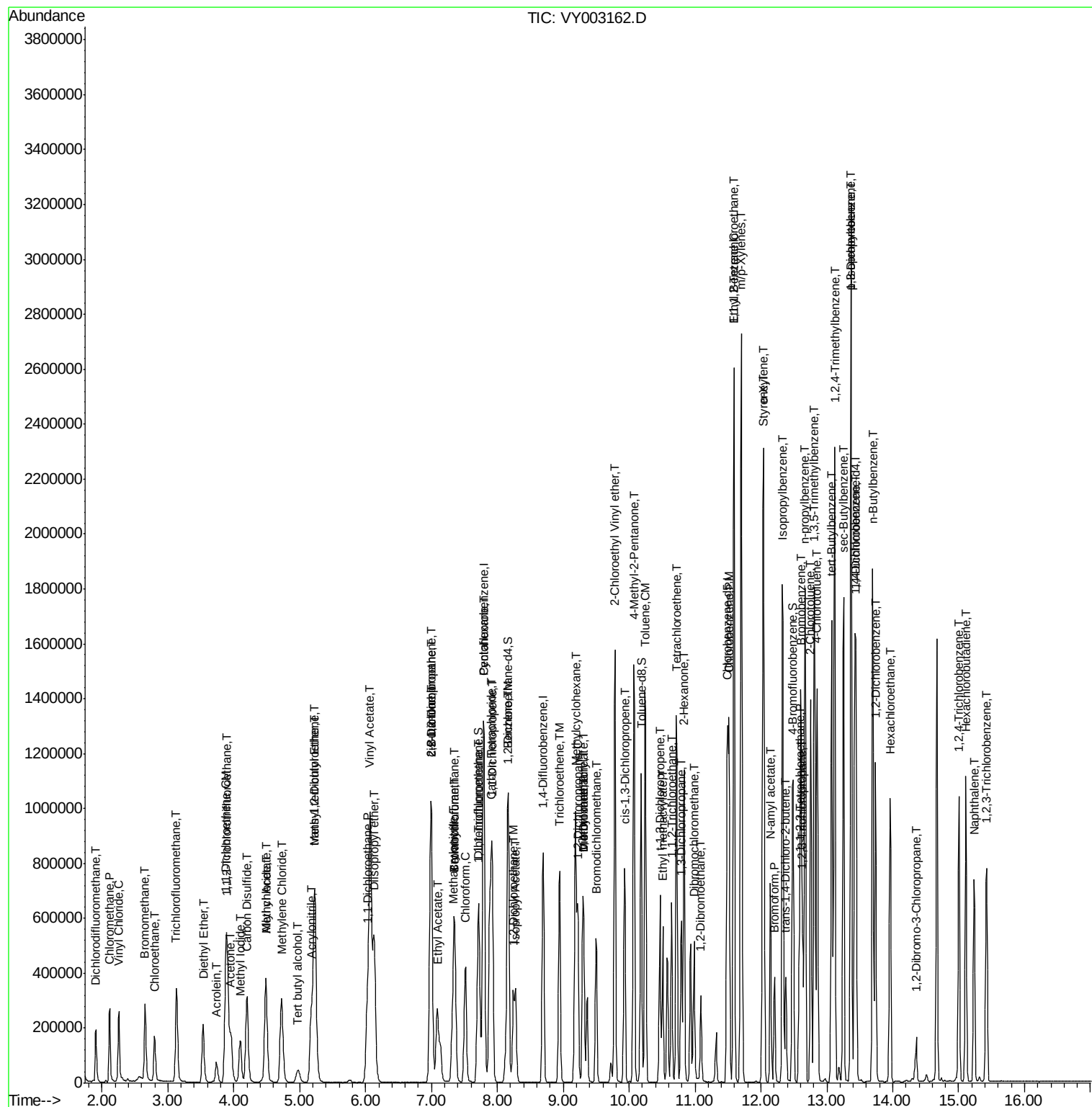
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY071020\
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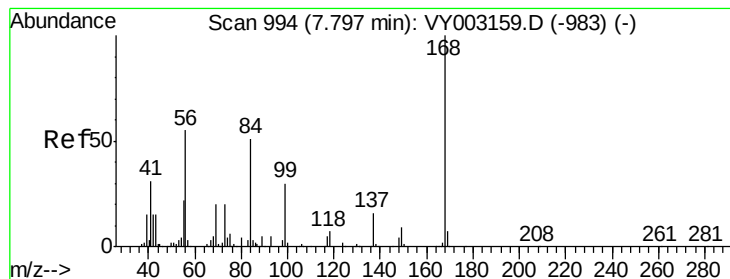
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY071020

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY003162.D

Acq: 10 Jul 2020 13:53

Instrument :

MSVOA_Y

ClientSampleId :

ICVY071020

Tot Ion:168 Resp: 510745

Ion Ratio Lower Upper

168 100

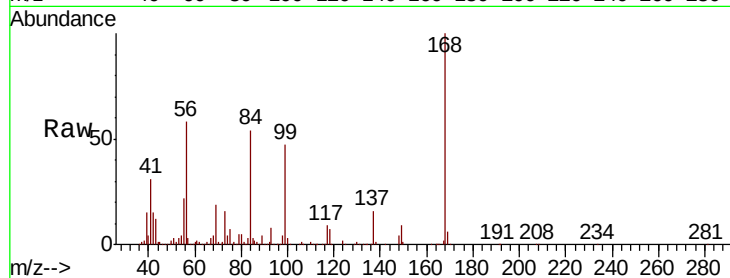
99 46.6 37.3 55.9

Manual Integrations

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7/13/2020 10:47:45 AM



Abundance Ion 167.90 (167.60 to 168.60): VY003162.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003162.D (-945) (-)

7.80

250000

200000

150000

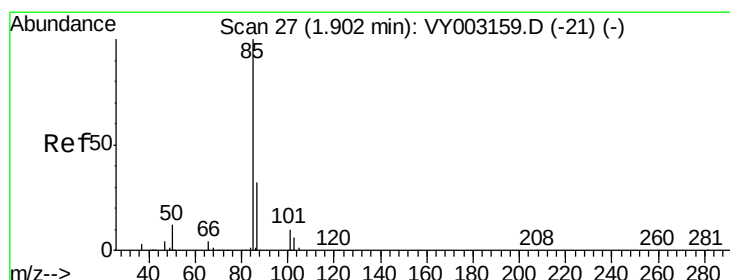
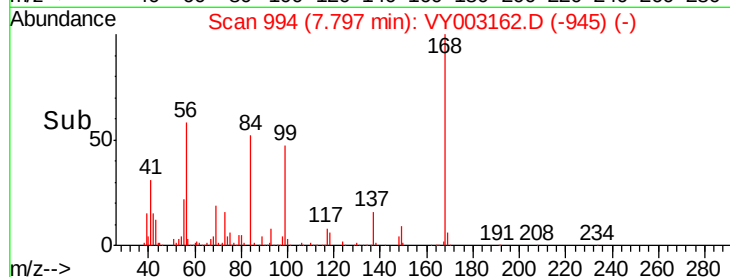
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50000

0

7.70 7.80 7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 45.669 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY003162.D

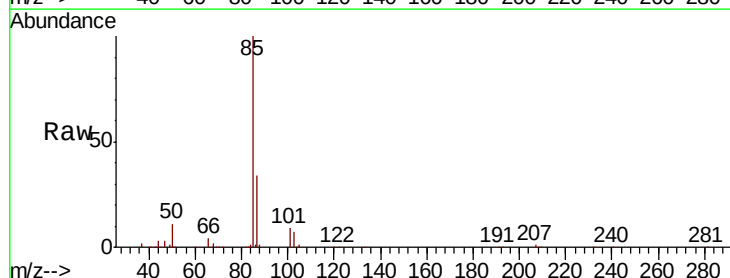
Acq: 10 Jul 2020 13:53

Tgt Ion: 85 Resp: 167180

Ion Ratio Lower Upper

85 100

87 33.9 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY003162.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY003162.D (-1) (-)

1.91

120000

100000

80000

60000

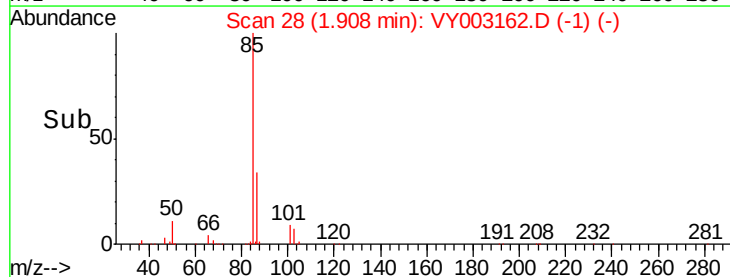
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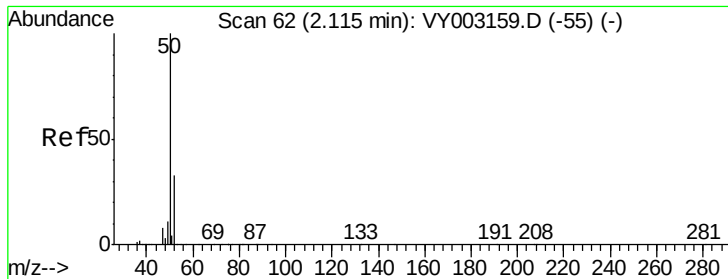
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1.80 1.90 2.00

Time-->





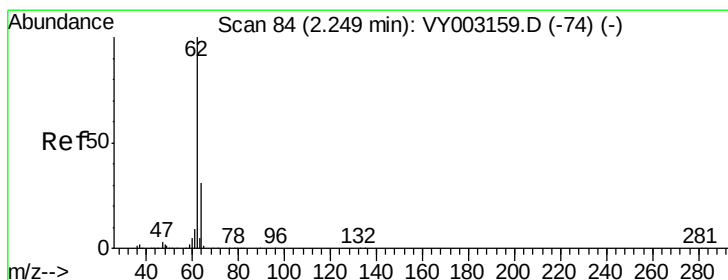
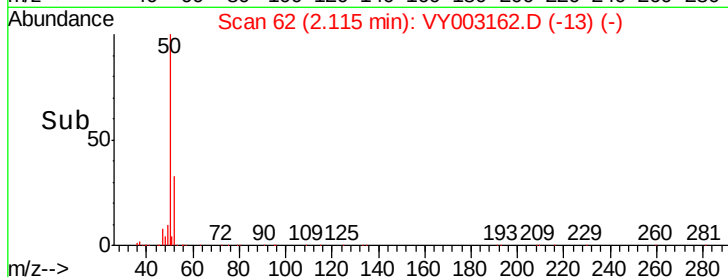
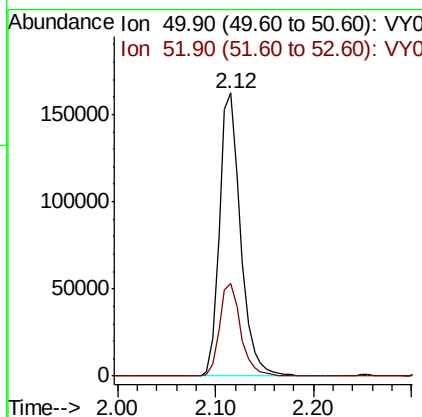
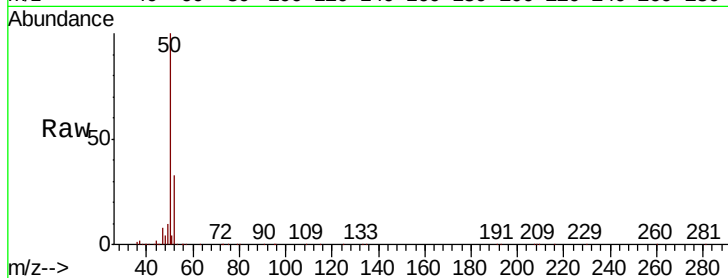
#3
Chloromethane
Concen: 47.934 ug/l
RT: 2.12 min Scan# 62
Delta R.T. 0.00 min
Lab File: VY003162.D
Acq: 10 Jul 2020 13:53

Instrument :
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ClientSampleId :
ICVY071020

Tot Ion	Ratio	Lower	Upper
50	100		
52	32.9	26.6	39.8

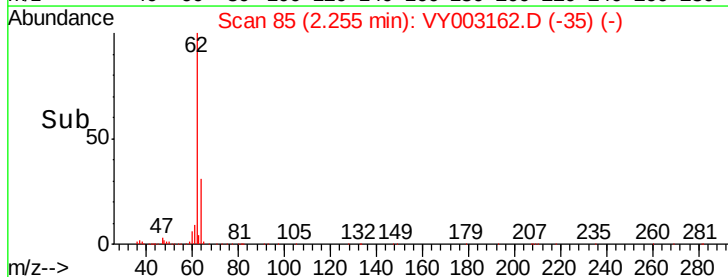
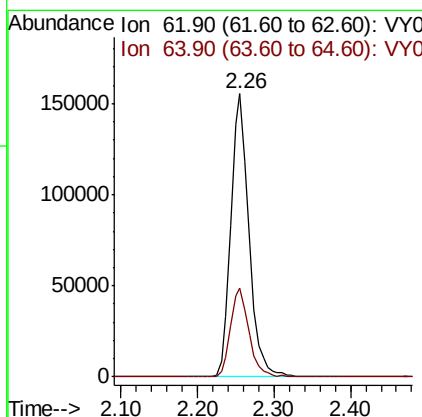
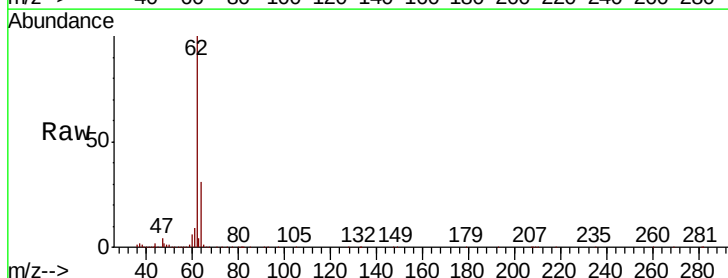
Manual Integrations
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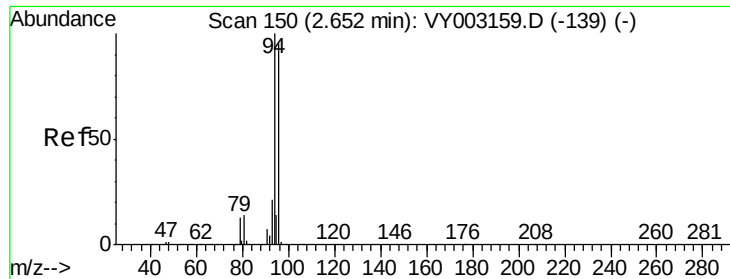
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#4
Vinyl Chloride
Concen: 48.745 ug/l
RT: 2.26 min Scan# 85
Delta R.T. 0.01 min
Lab File: VY003162.D
Acq: 10 Jul 2020 13:53

Tgt Ion	Ratio	Lower	Upper
62	100		
64	31.4	24.6	37.0





#5

Bromomethane

Concen: 50.716 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.00 min

Lab File: VY003162.D

Acq: 10 Jul 2020 13:53

Instrument :

MSVOA_Y

ClientSampleId :

ICVY071020

Tot Ion: 94 Resp: 196251

Ion Ratio Lower Upper

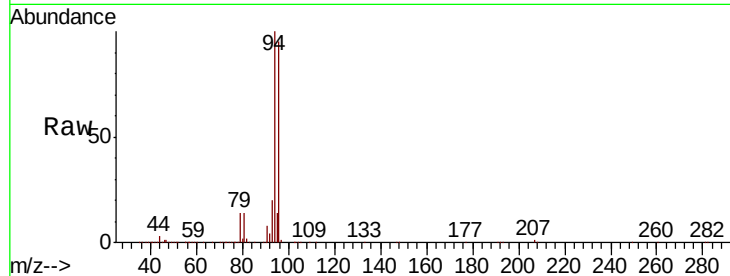
94 100

96 94.7 76.0 114.0

Manual Integrations
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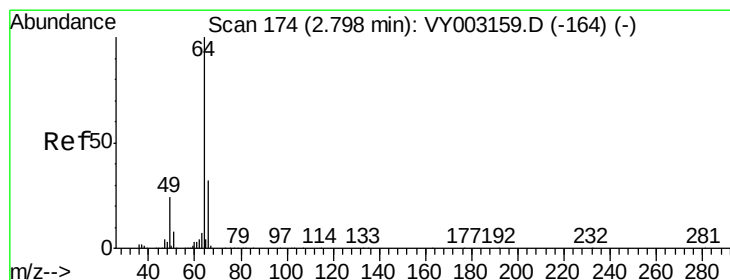
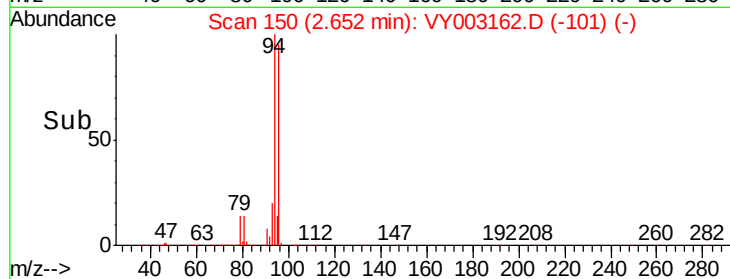
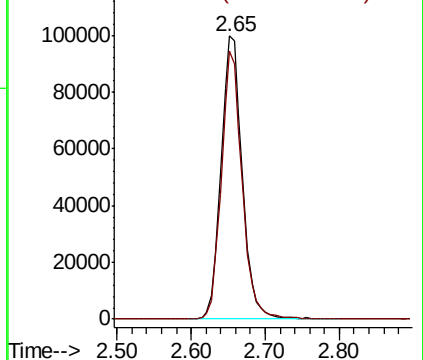
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 48.333 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.00 min

Lab File: VY003162.D

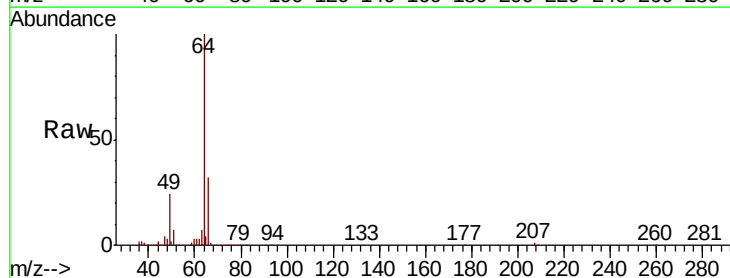
Acq: 10 Jul 2020 13:53

Tgt Ion: 64 Resp: 165388

Ion Ratio Lower Upper

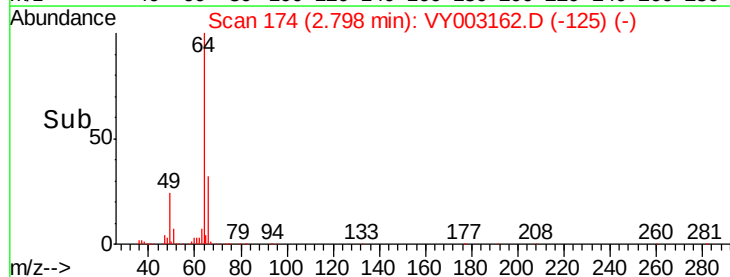
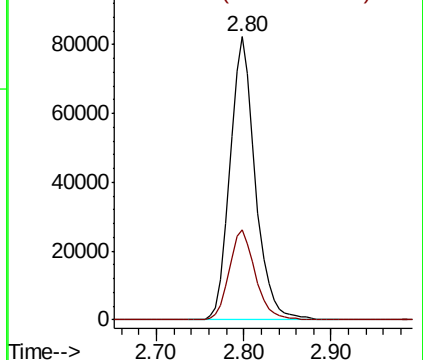
64 100

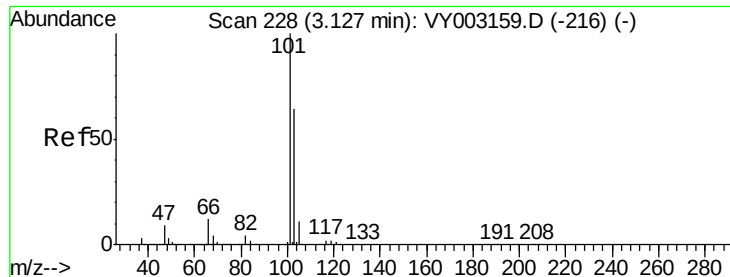
66 31.9 26.0 39.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

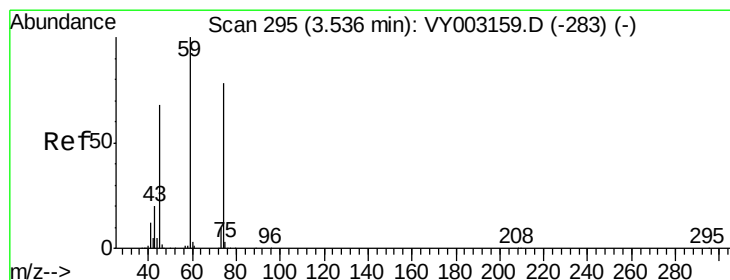
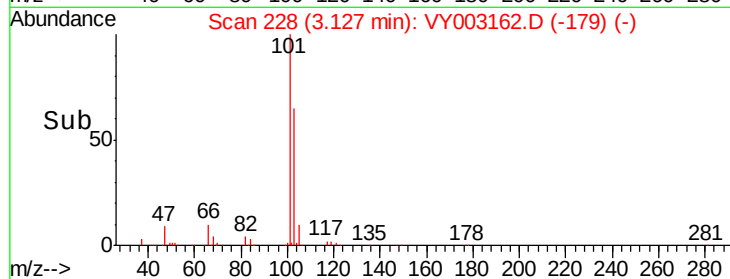
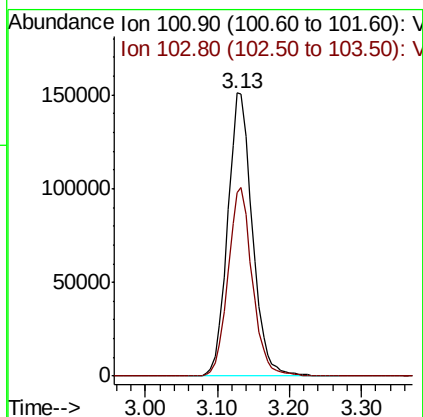
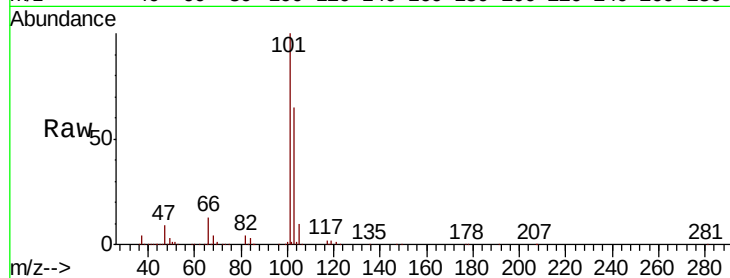
Trichlorofluoromethane
Concen: 48.559 ug/l
RT: 3.13 min Scan# 228
Delta R.T. 0.00 min
Lab File: VY003162.D
Acq: 10 Jul 2020 13:53

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.9	51.3	76.9

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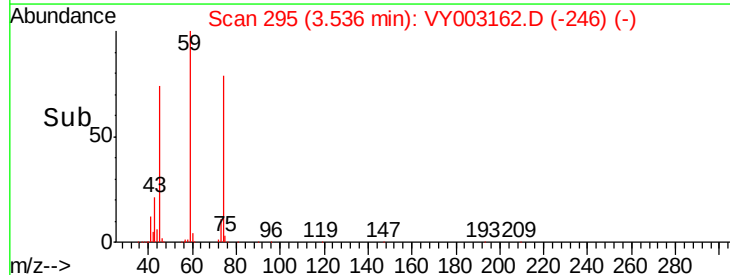
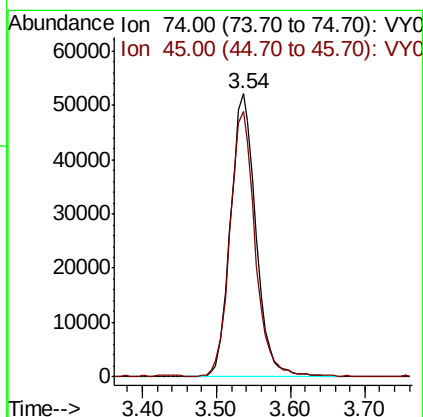
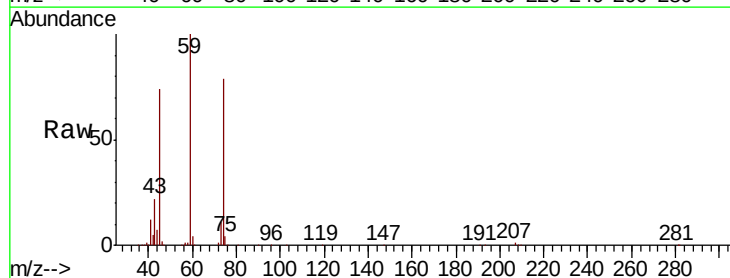
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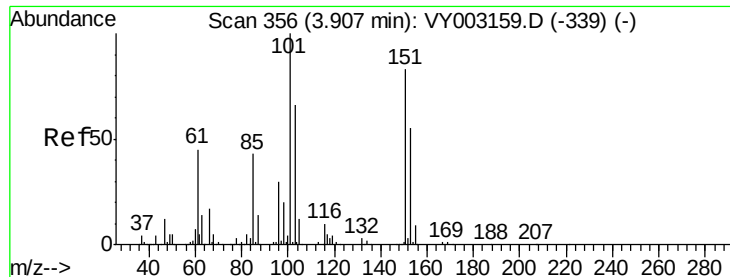


#8

Diethyl Ether
Concen: 49.936 ug/l
RT: 3.54 min Scan# 295
Delta R.T. 0.00 min
Lab File: VY003162.D
Acq: 10 Jul 2020 13:53

Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.1	45.3	135.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.833 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY003162.D

Acq: 10 Jul 2020 13:53

Instrument :

MSVOA_Y

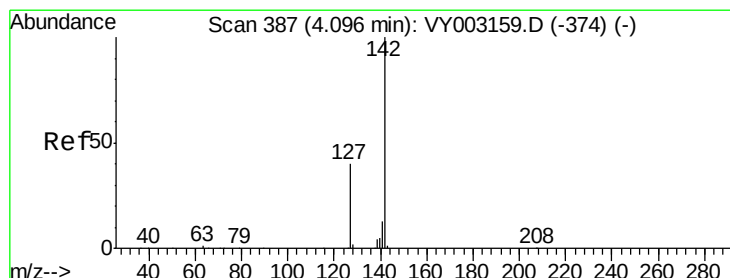
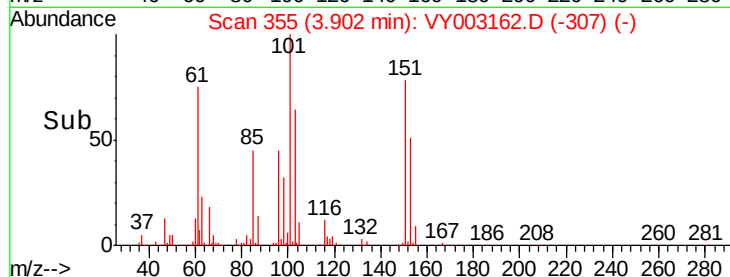
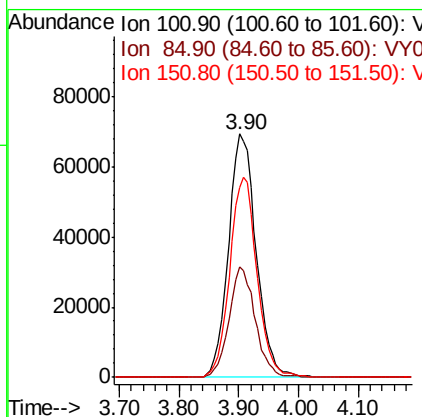
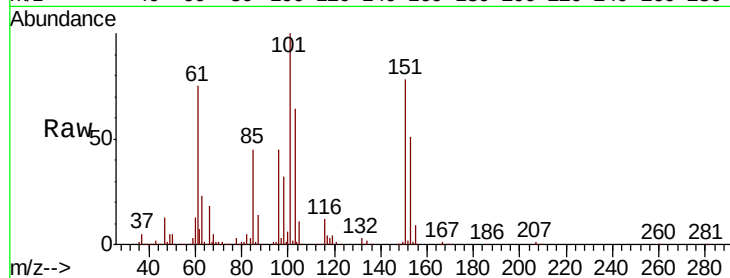
ClientSampleId :

ICVVY071020

Tot Ion:	101	Resp:	223921
Ion Ratio	Lower	Upper	
101	100		
85	43.1	34.9	52.3
151	81.0	67.0	100.6

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#10

Methyl Iodide

Concen: 51.838 ug/l

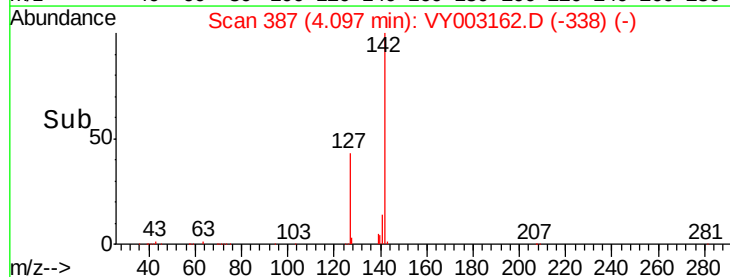
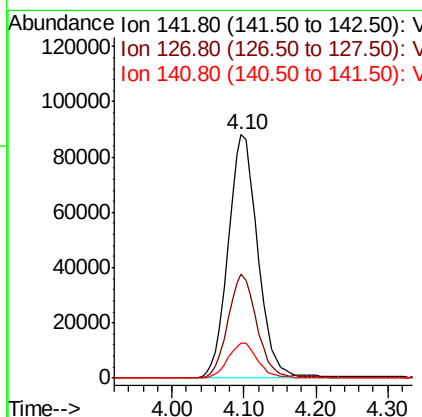
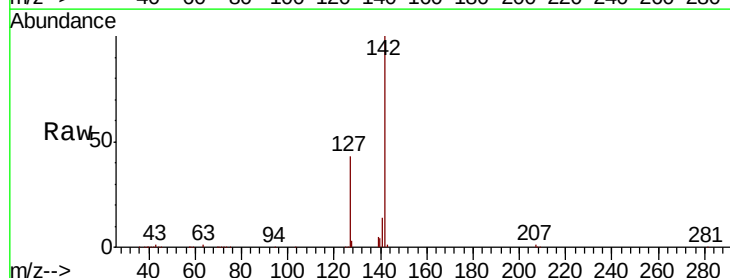
RT: 4.10 min Scan# 387

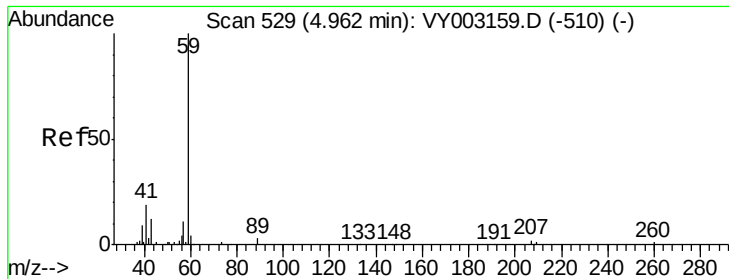
Delta R.T. 0.00 min

Lab File: VY003162.D

Acq: 10 Jul 2020 13:53

Tgt Ion:	142	Resp:	253065
Ion Ratio	Lower	Upper	
142	100		
127	41.3	33.5	50.3
141	14.3	11.2	16.8





#11

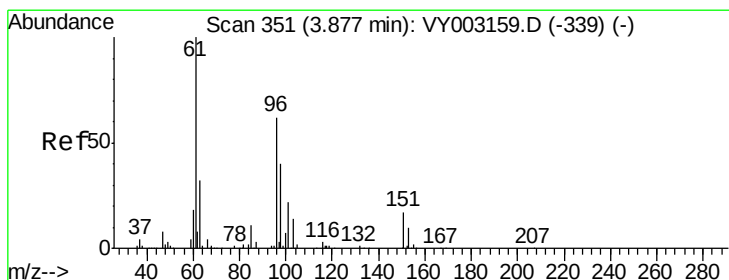
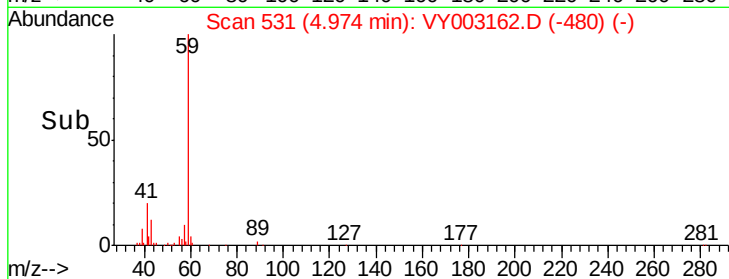
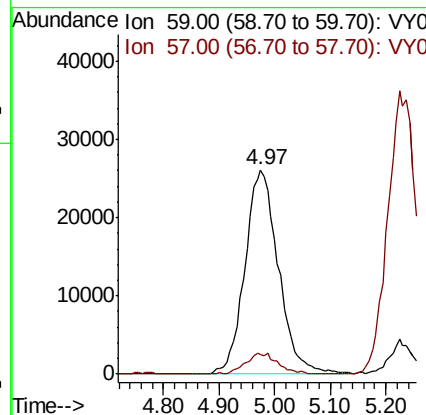
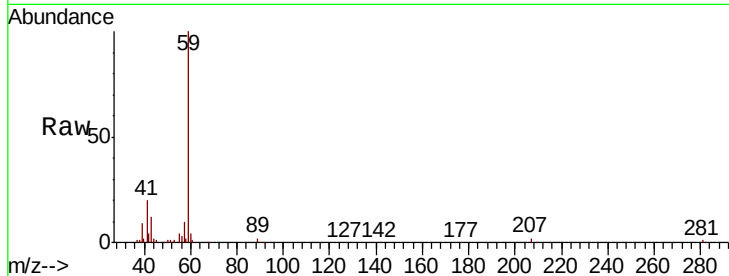
Tert butyl alcohol
Concen: 233.980 ug/l
RT: 4.97 min Scan# 531
Delta R.T. 0.01 min
Lab File: VY003162.D
Acq: 10 Jul 2020 13:53

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY071020

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.3	8.4	12.6

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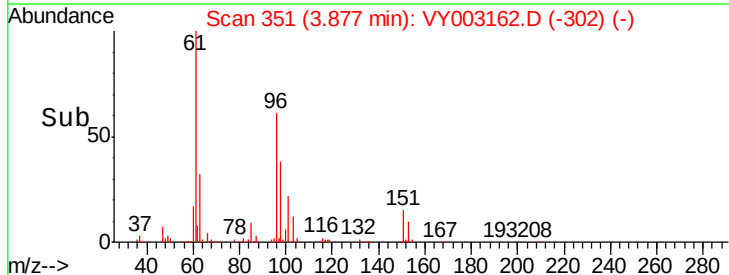
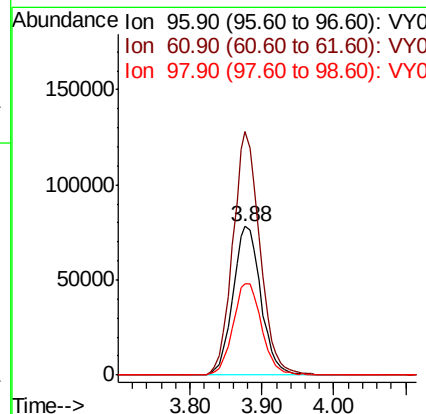
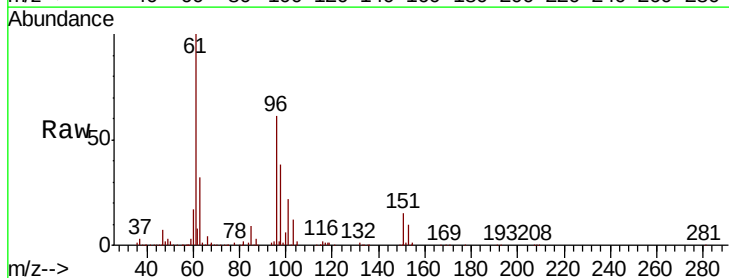
MMDadoda
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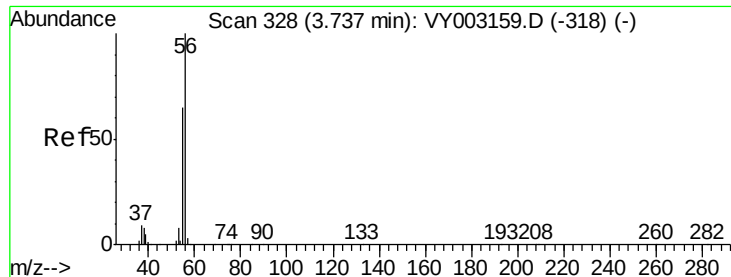


#12

1,1-Dichloroethene
Concen: 49.792 ug/l
RT: 3.88 min Scan# 351
Delta R.T. 0.00 min
Lab File: VY003162.D
Acq: 10 Jul 2020 13:53

Tgt Ion	Ratio	Lower	Upper
96	100		
61	163.8	128.6	193.0
98	61.8	51.6	77.4





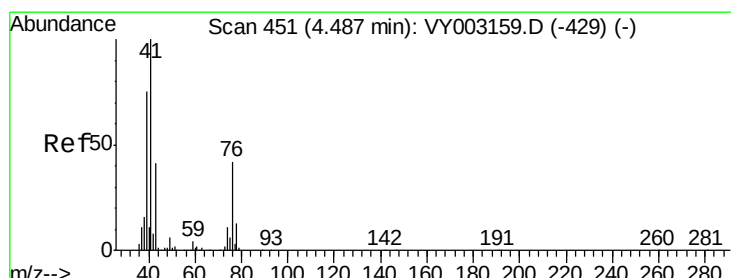
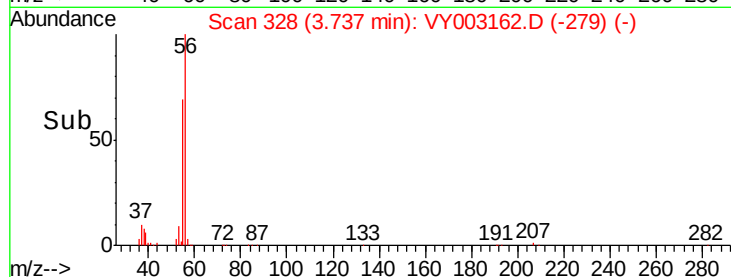
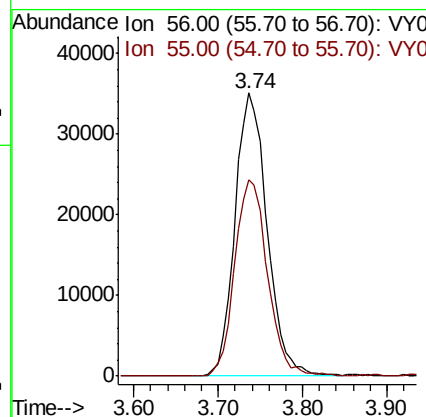
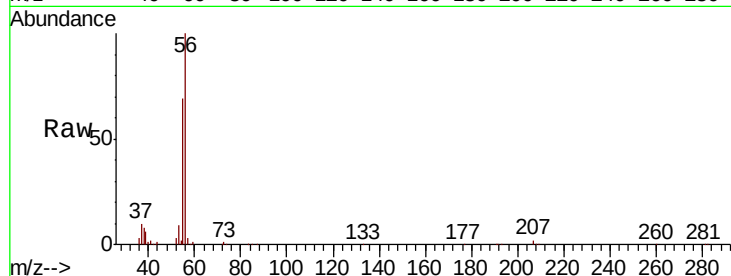
#13
Acrolein
Concen: 224.215 ug/l
RT: 3.74 min Scan# 328
Delta R.T. 0.00 min
Lab File: VY003162.D
Acq: 10 Jul 2020 13:53

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY071020

Tot Ion	Ratio	Lower	Upper
56	100		
55	70.7	56.0	84.0

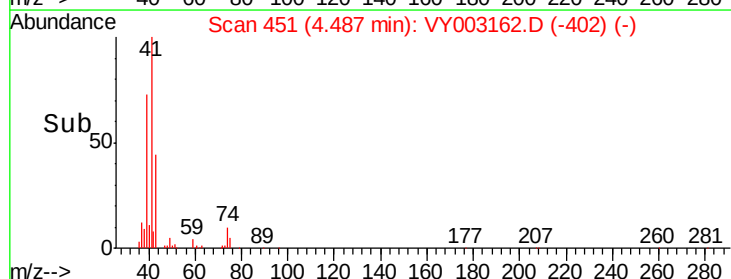
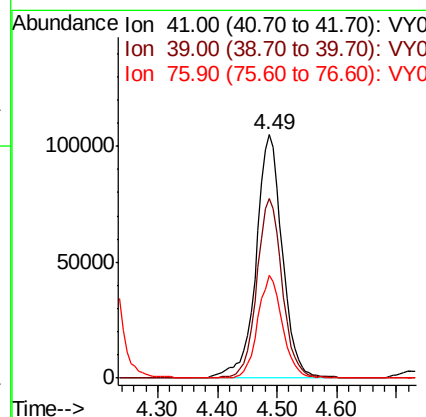
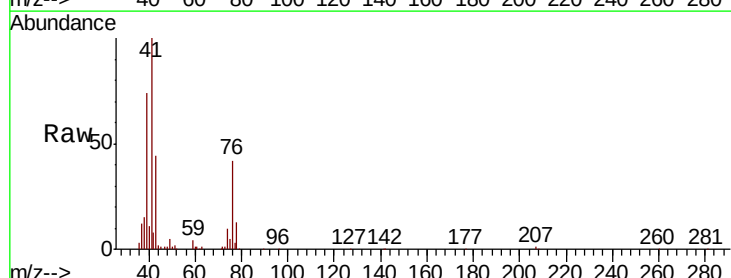
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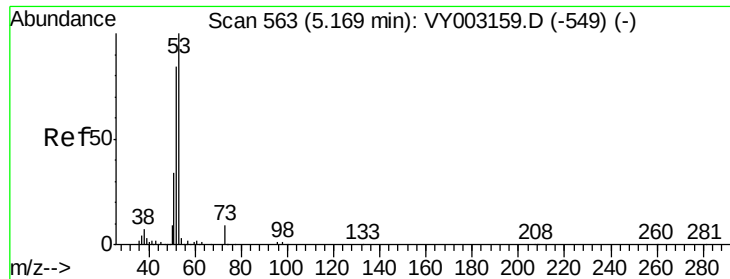
MMDadoda
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#14
Allyl chloride
Concen: 50.775 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.00 min
Lab File: VY003162.D
Acq: 10 Jul 2020 13:53

Tgt Ion	Ratio	Lower	Upper
41	100		
39	72.1	56.6	85.0
76	39.6	31.6	47.4





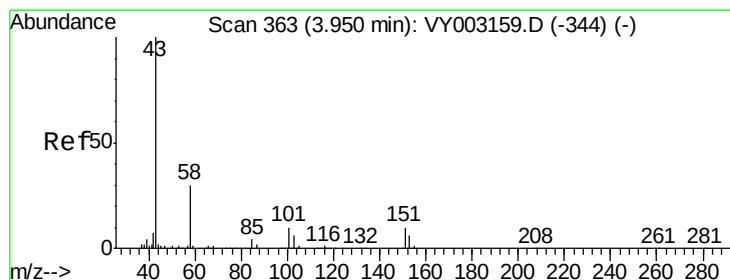
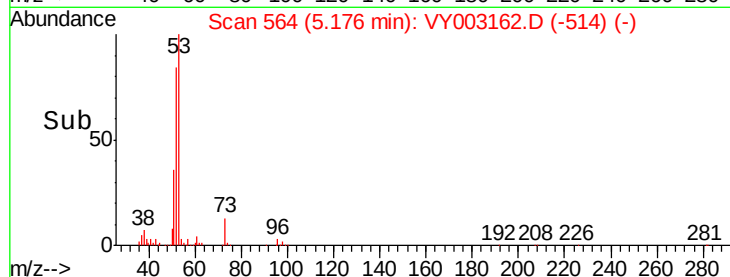
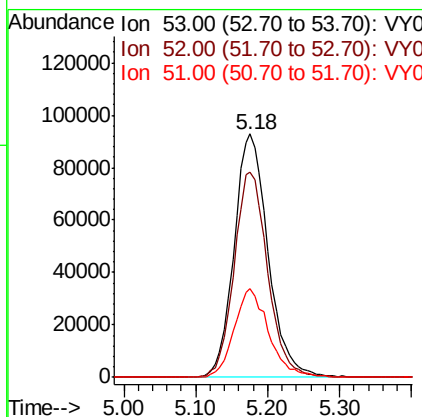
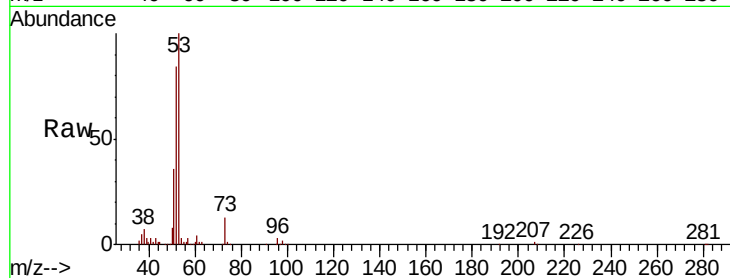
#15
 Acrylonitrile
 Concen: 253.988 ug/l
 RT: 5.18 min Scan# 564
 Delta R.T. 0.01 min
 Lab File: VY003162.D
 Acq: 10 Jul 2020 13:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY071020

Tot Ion:	53	Resp:	304175
Ion Ratio	Lower	Upper	
53	100		
52	83.2	65.8	98.6
51	37.2	29.0	43.4

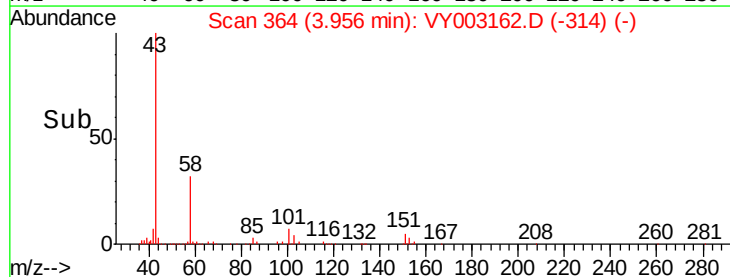
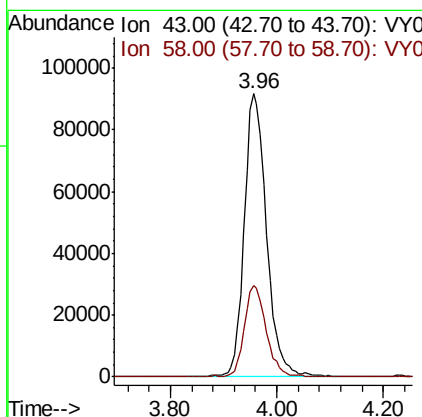
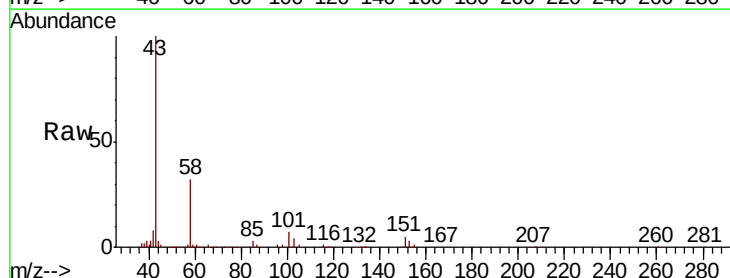
Manual Integrations
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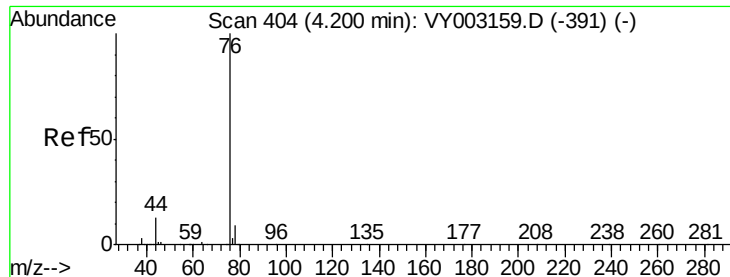
MMDadoda
 7/13/2020 10:47:45 AM



#16
 Acetone
 Concen: 274.882 ug/l
 RT: 3.96 min Scan# 364
 Delta R.T. 0.01 min
 Lab File: VY003162.D
 Acq: 10 Jul 2020 13:53

Tgt Ion:	43	Resp:	264689
Ion Ratio	Lower	Upper	
43	100		
58	32.0	23.8	35.6





#17

Carbon Disulfide

Concen: 49.708 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: VY003162.D

Acq: 10 Jul 2020 13:53

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY071020

Tot Ion: 76 Resp: 648278

Ion Ratio Lower Upper

76 100

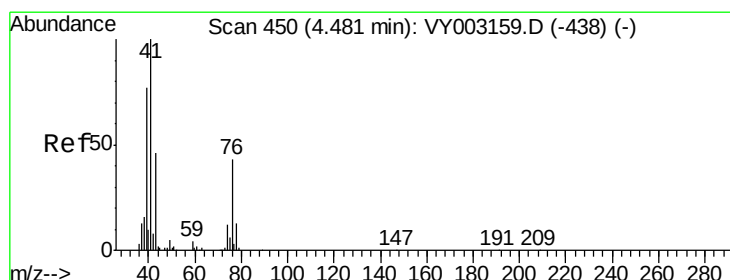
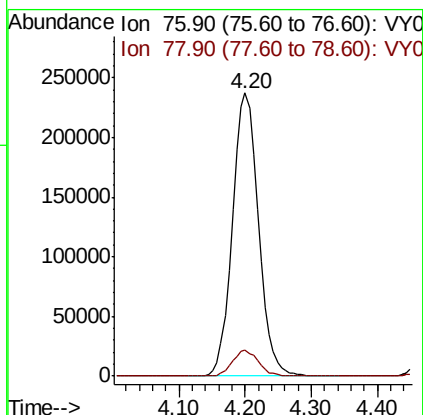
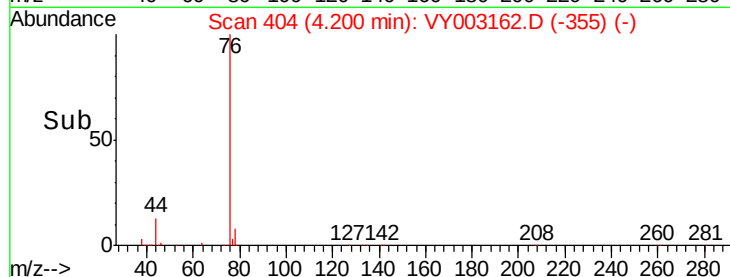
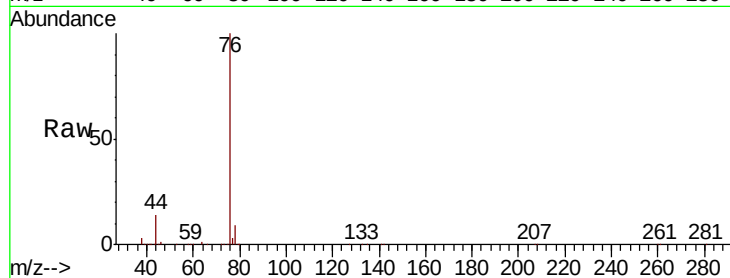
78 9.3 7.3 10.9

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#18

Methyl Acetate

Concen: 50.185 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY003162.D

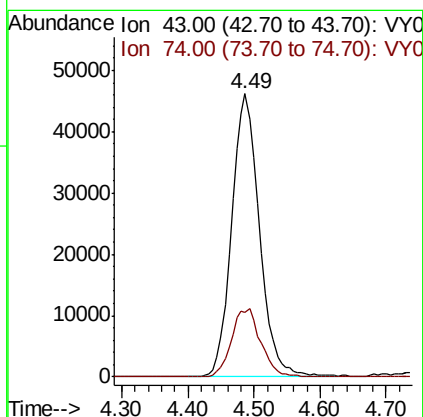
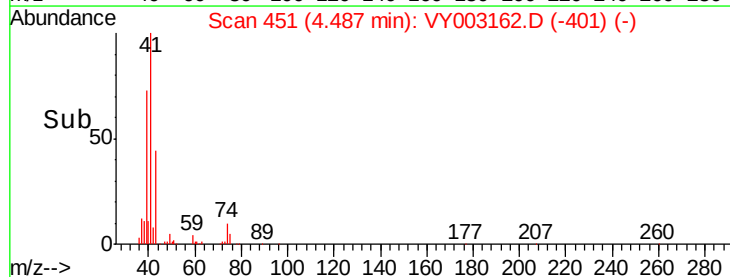
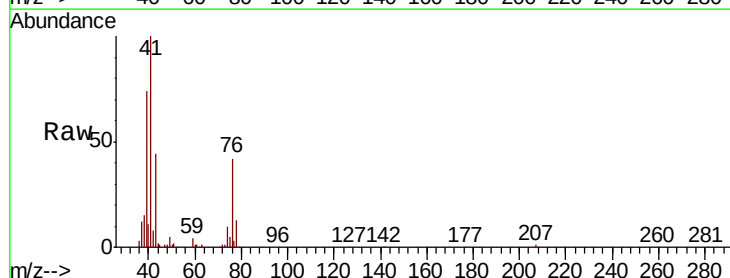
Acq: 10 Jul 2020 13:53

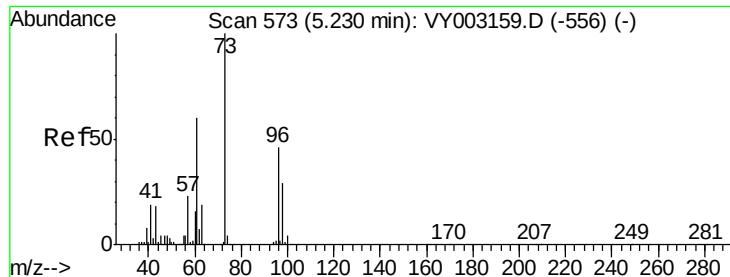
Tgt Ion: 43 Resp: 134201

Ion Ratio Lower Upper

43 100

74 25.4 20.8 31.2





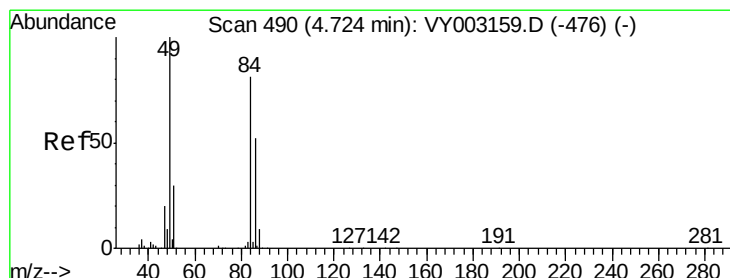
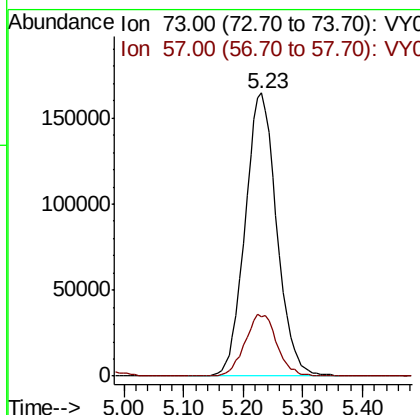
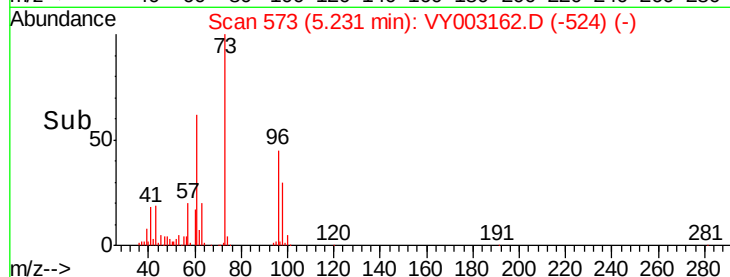
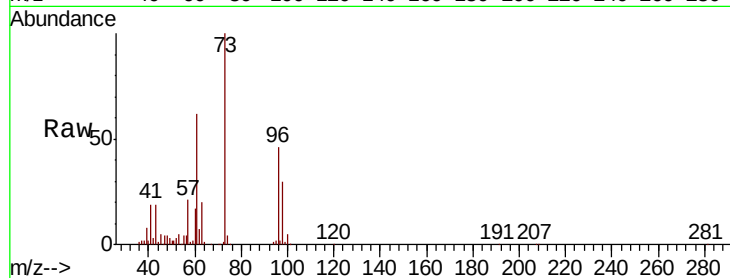
#19
Methyl tert-butyl Ether
Concen: 50.819 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.00 min
Lab File: VY003162.D
Acq: 10 Jul 2020 13:53

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY071020

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.8	18.1	27.1

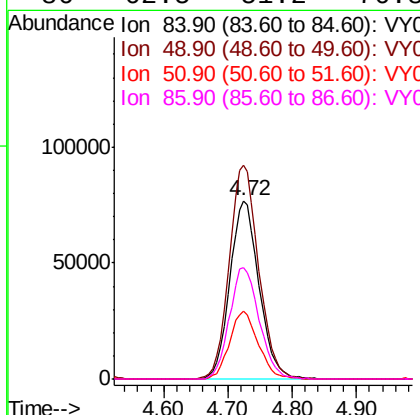
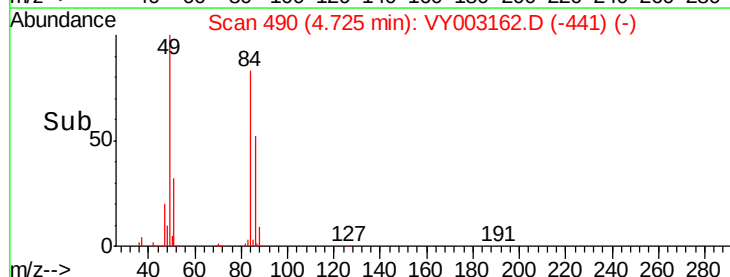
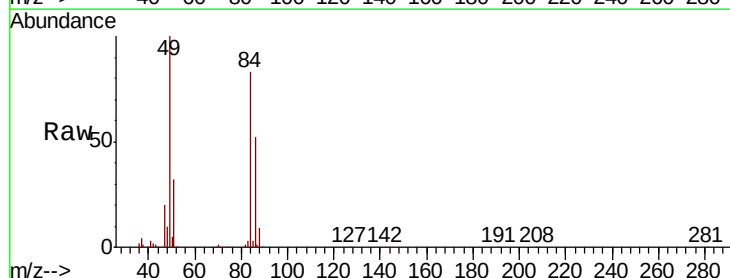
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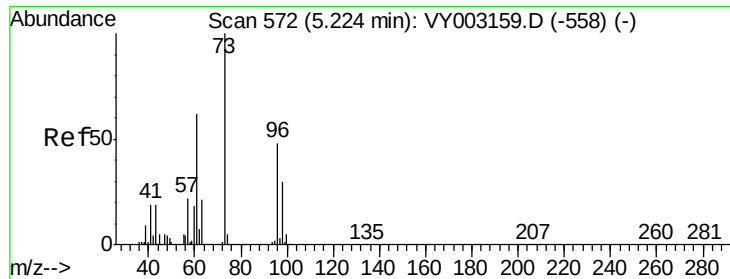
MMDadoda
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#20
Methylene Chloride
Concen: 50.215 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003162.D
Acq: 10 Jul 2020 13:53

Tgt Ion	Ratio	Lower	Upper
84	100		
49	119.8	98.2	147.4
51	38.2	29.8	44.6
86	62.5	51.2	76.8





#21

trans-1,2-Dichloroethene

Concen: 50.159 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.00 min

Lab File: VY003162.D

Acq: 10 Jul 2020 13:53

Instrument :

MSVOA_Y

ClientSampleId :

ICVY071020

Tot Ion: 96 Resp: 241118

Ion Ratio Lower Upper

96 100

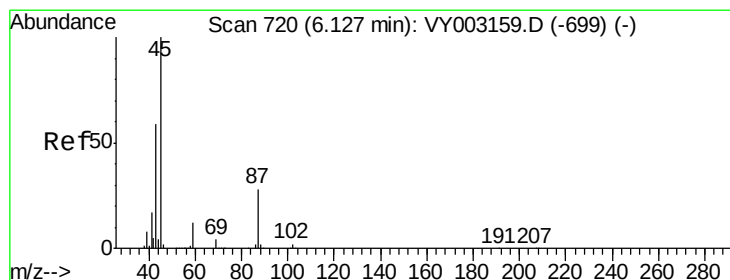
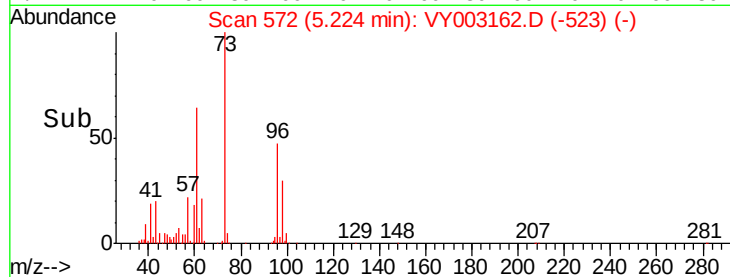
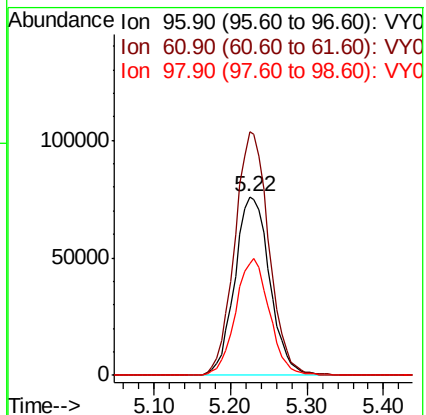
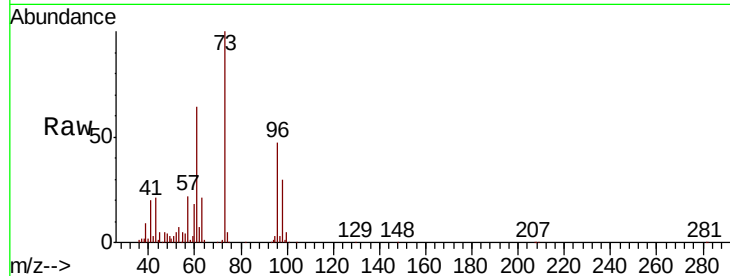
61 136.4 102.5 153.7

98 63.0 49.8 74.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 51.984 ug/l

RT: 6.13 min Scan# 720

Delta R.T. 0.00 min

Lab File: VY003162.D

Acq: 10 Jul 2020 13:53

Tgt Ion: 45 Resp: 727589

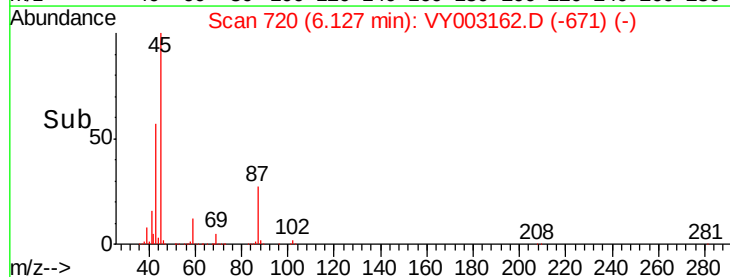
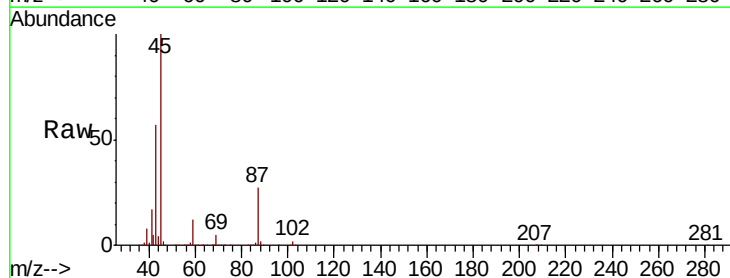
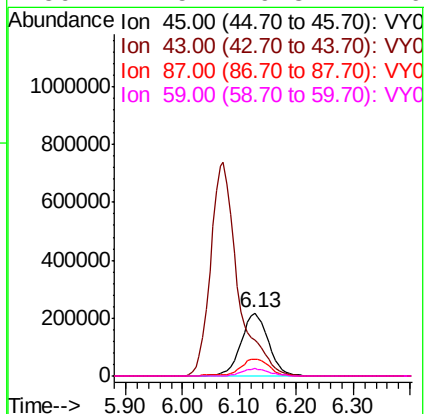
Ion Ratio Lower Upper

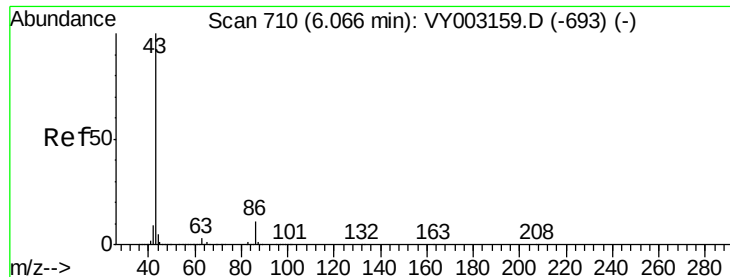
45 100

43 56.4 47.0 70.4

87 27.2 22.6 33.8

59 11.5 9.8 14.6





#23

Vinyl Acetate

Concen: 262.111 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.01 min

Lab File: VY003162.D

Acq: 10 Jul 2020 13:53

Instrument :

MSVOA_Y

ClientSampleId :

ICVY071020

Tot Ion: 43 Resp: 2445191

Ion Ratio Lower Upper

43 100

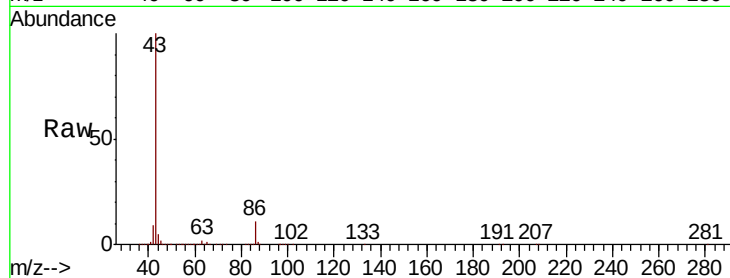
86 10.8 8.8 13.2

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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

800000

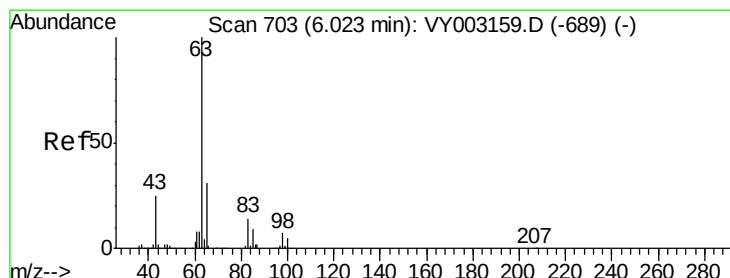
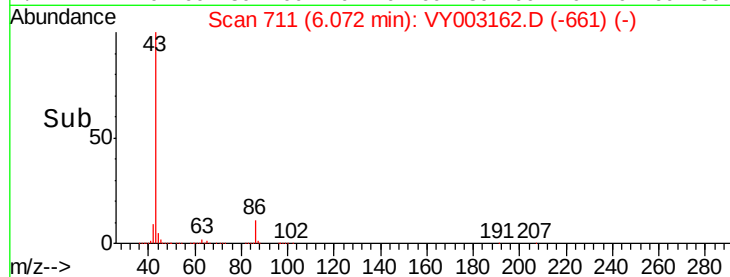
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 50.137 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.01 min

Lab File: VY003162.D

Acq: 10 Jul 2020 13:53

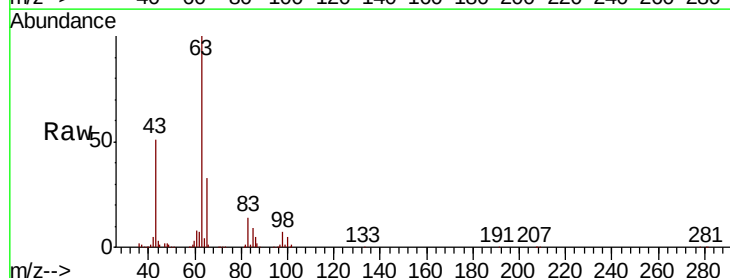
Tgt Ion: 63 Resp: 406544

Ion Ratio Lower Upper

63 100

98 7.3 3.6 10.8

100 4.9 2.4 7.2



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

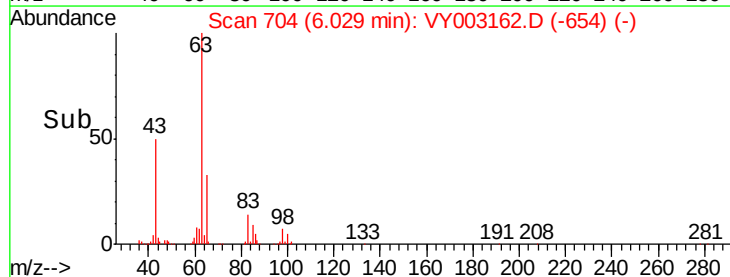
150000

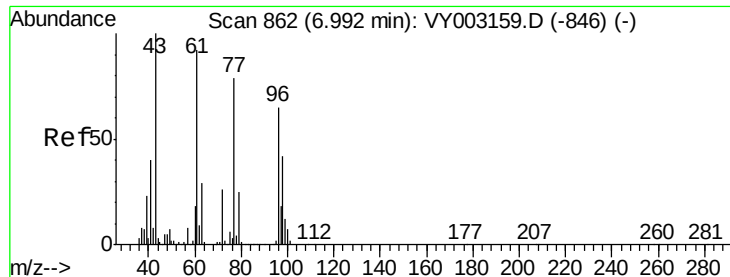
100000

50000

0

Time-->





#25

2-Butanone

Concen: 259.078 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.01 min

Lab File: VY003162.D

Acq: 10 Jul 2020 13:53

Instrument :

MSVOA_Y

ClientSampleId :

ICVY071020

Tot Ion: 43 Resp: 409609

Ion Ratio Lower Upper

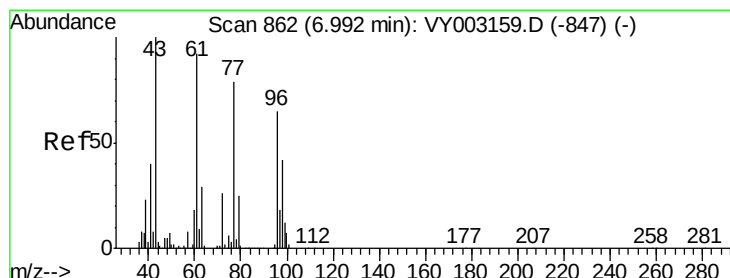
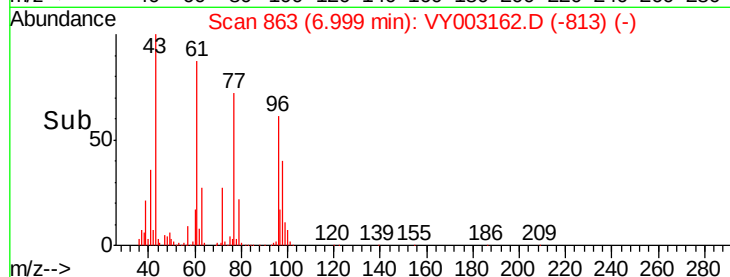
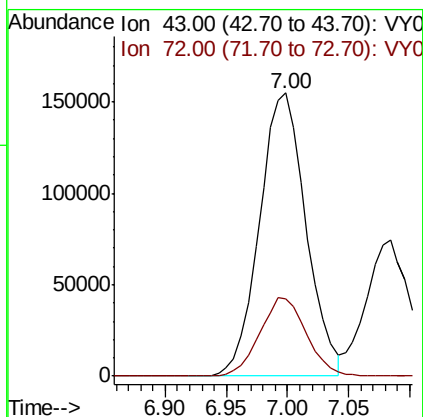
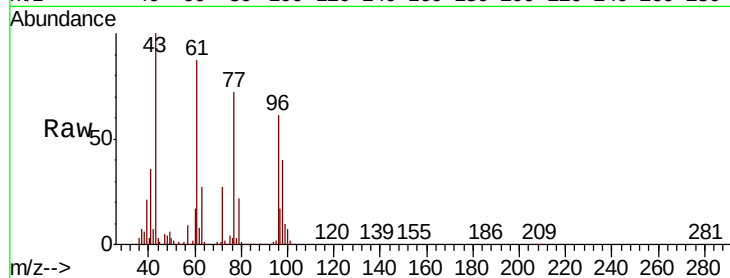
43 100

72 27.5 20.9 31.3

Manual Integrations
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MMDadoda

7/13/2020 10:47:45 AM



#26

2,2-Dichloropropane

Concen: 50.834 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY003162.D

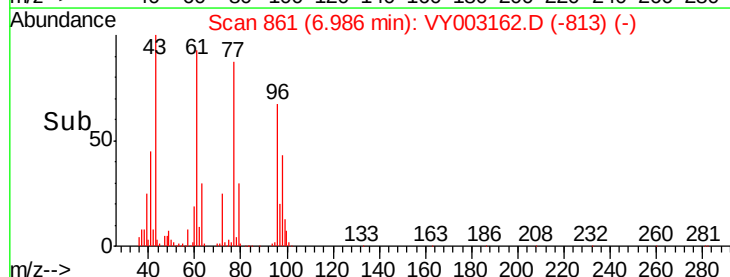
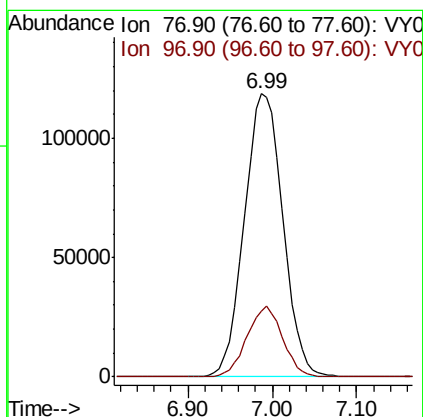
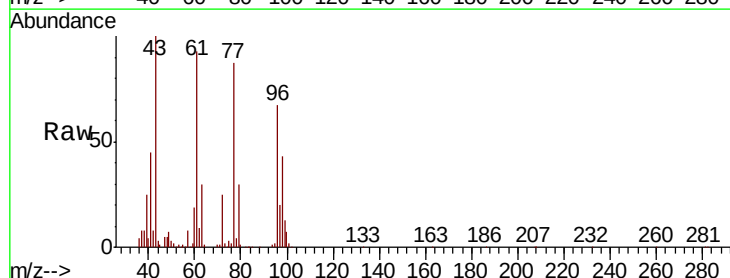
Acq: 10 Jul 2020 13:53

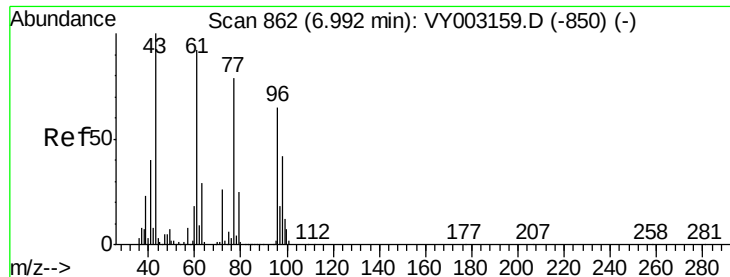
Tgt Ion: 77 Resp: 371215

Ion Ratio Lower Upper

77 100

97 23.2 11.6 34.7





#27

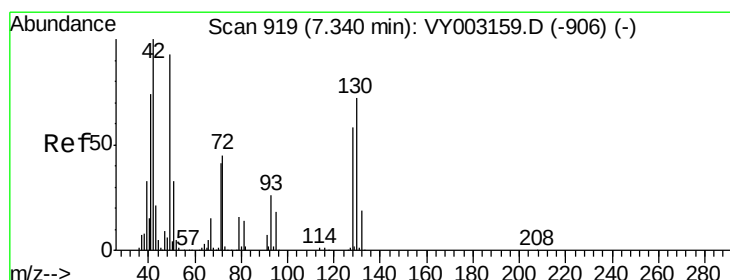
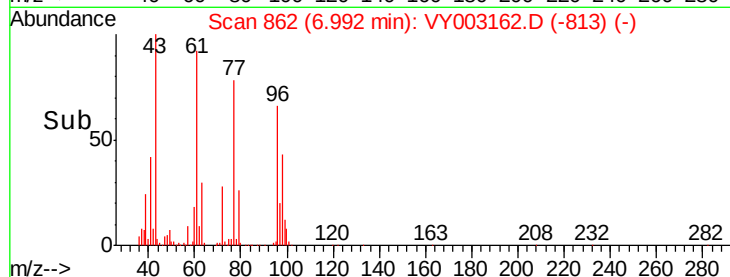
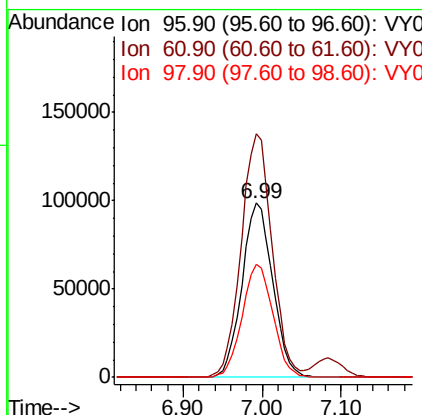
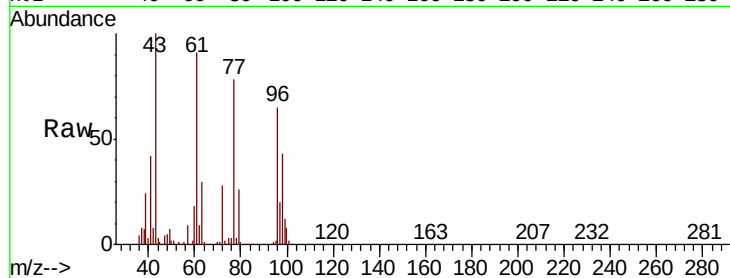
cis-1,2-Dichloroethene
Concen: 50.544 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY003162.D
Acq: 10 Jul 2020 13:53

Instrument :
MSVOA_Y
ClientSampleId :
ICVY071020

Tot Ion	Ratio	Resp	Lower	Upper
96	100	267515		
61	140.4	0.0	281.2	
98	65.1	0.0	129.8	

Manual Integrations
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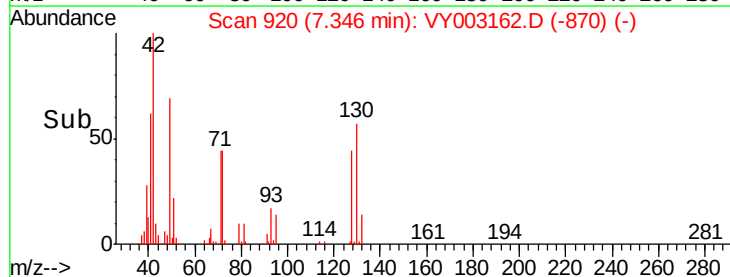
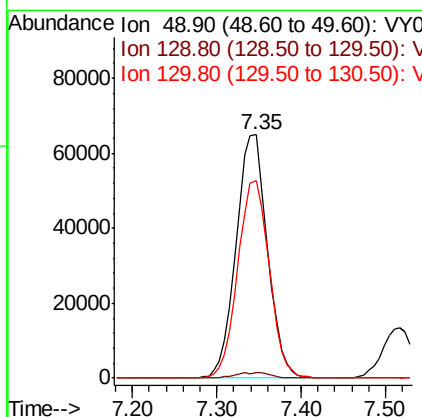
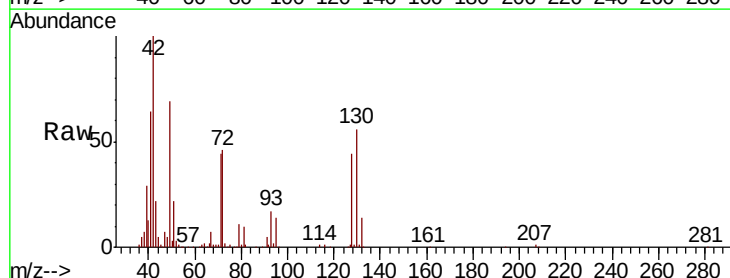
MMDadoda
7/13/2020 10:47:45 AM

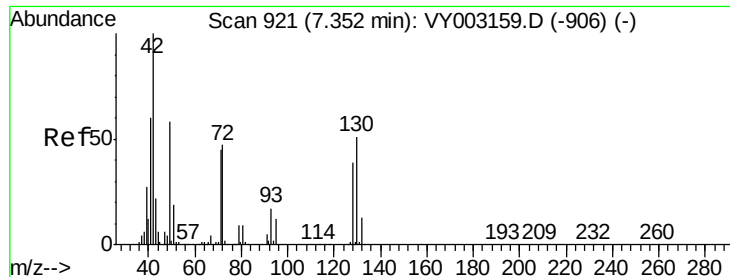


#28

Bromochloromethane
Concen: 46.391 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.01 min
Lab File: VY003162.D
Acq: 10 Jul 2020 13:53

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	162865		
129	2.4	0.0	5.0	
130	81.6	64.9	97.3	





#29

Tetrahydrofuran

Concen: 255.692 ug/l

RT: 7.35 min Scan# 921

Delta R.T. 0.00 min

Lab File: VY003162.D

Acq: 10 Jul 2020 13:53

Instrument :

MSVOA_Y

ClientSampleId :

ICVY071020

Tot Ion: 42 Resp: 271572
Ion Ratio Lower Upper

42 100

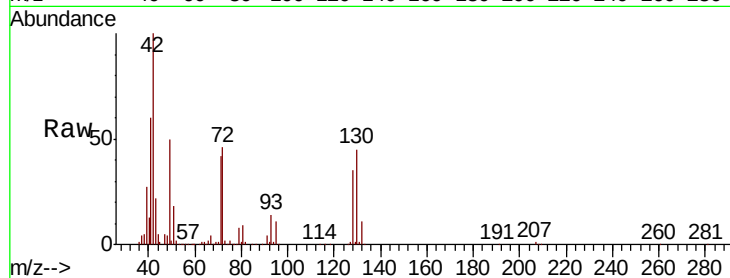
72 46.7 36.7 55.1

71 42.9 34.2 51.4

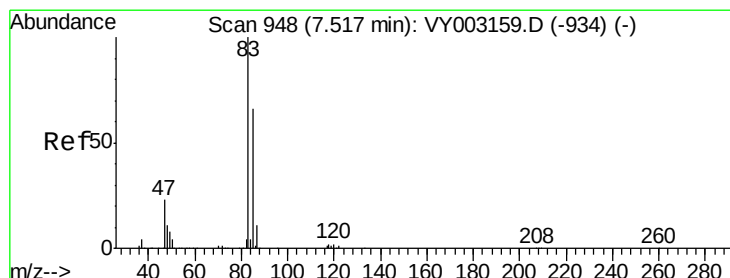
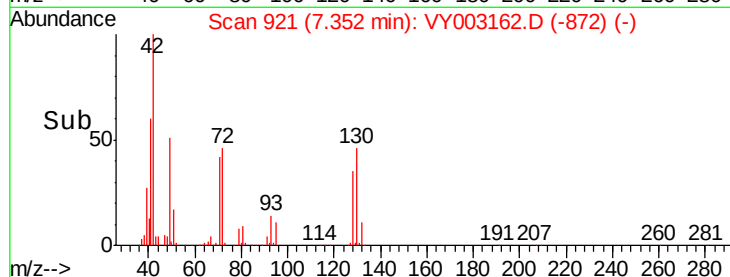
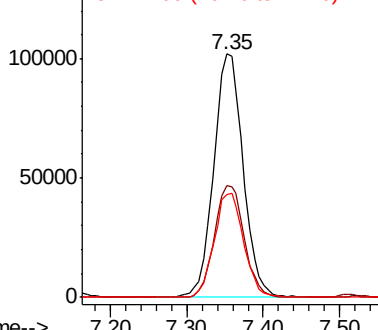
Manual Integrations
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Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0



#30

Chloroform

Concen: 50.422 ug/l

RT: 7.52 min Scan# 948

Delta R.T. 0.00 min

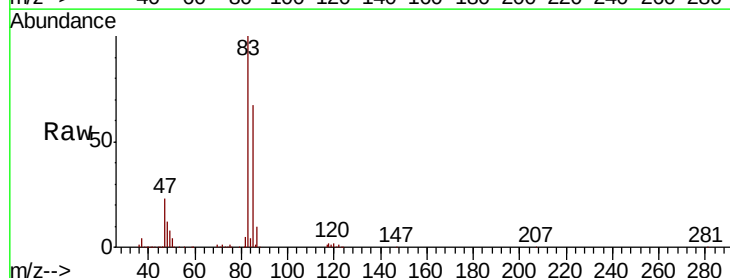
Lab File: VY003162.D

Acq: 10 Jul 2020 13:53

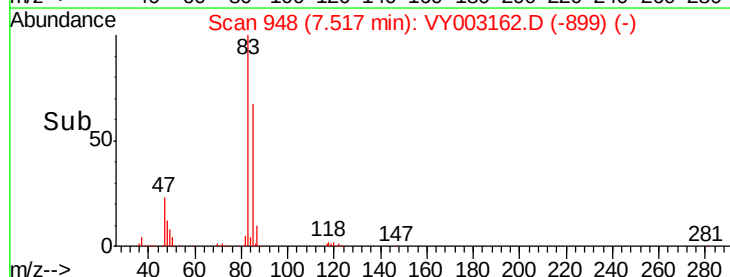
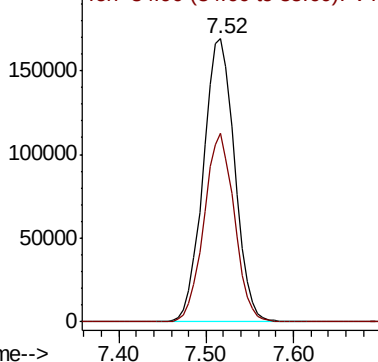
Tgt Ion: 83 Resp: 421097
Ion Ratio Lower Upper

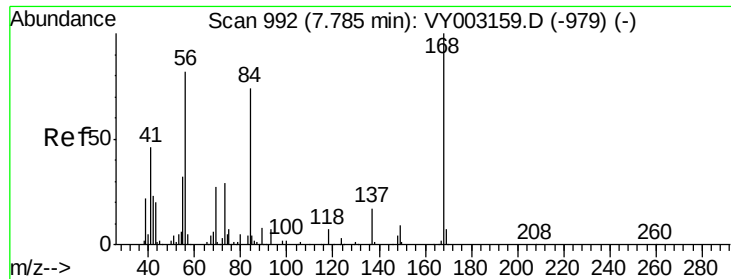
83 100

85 66.6 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0





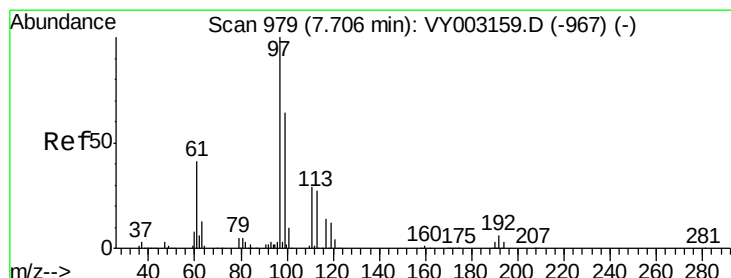
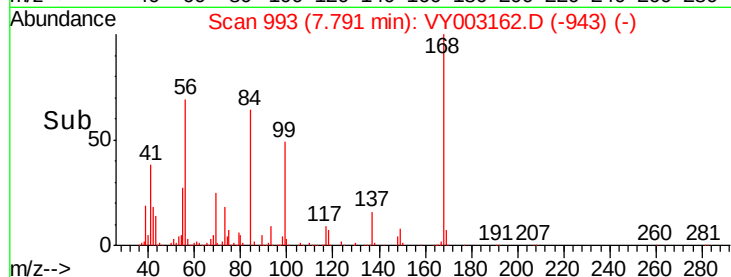
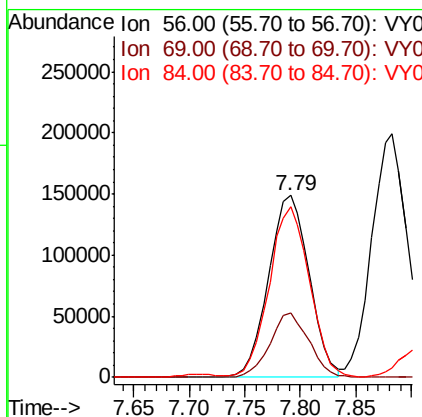
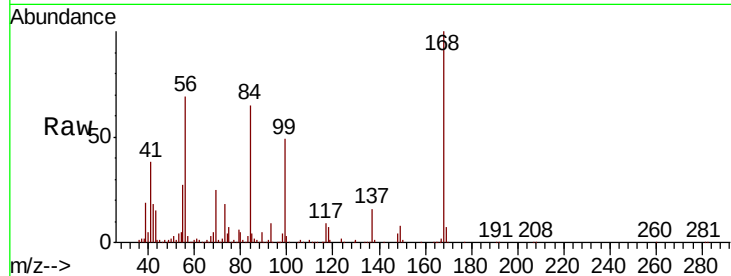
#31
Cyclohexane
Concen: 48.141 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.01 min
Lab File: VY003162.D
Acq: 10 Jul 2020 13:53

Instrument :
MSVOA_Y
ClientSampleId :
ICVY071020

Tot Ion	Ratio	Lower	Upper
56	100		
69	35.8	26.7	40.1
84	92.6	72.3	108.5

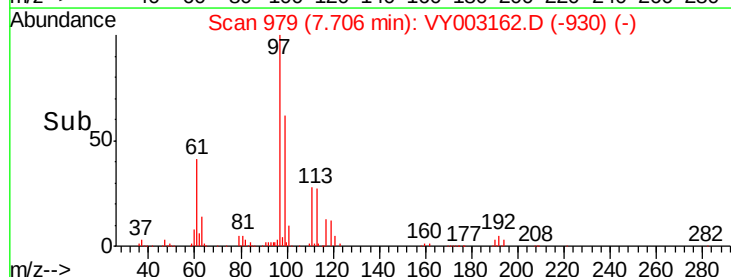
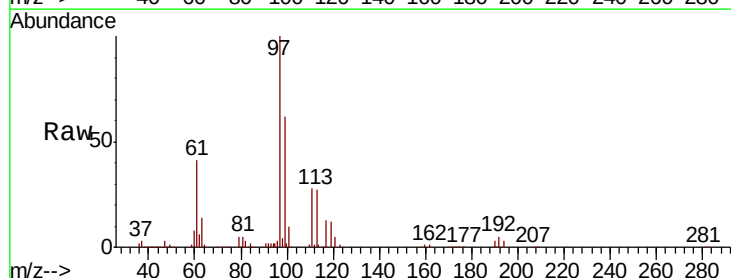
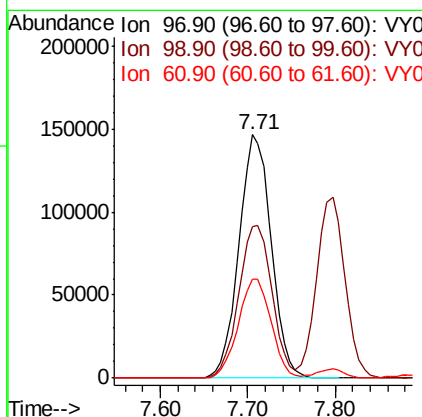
Manual Integrations
APPROVED

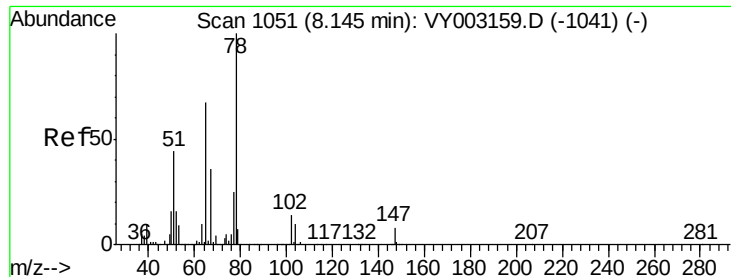
MMDadoda
7/13/2020 10:47:45 AM



#32
1,1,1-Trichloroethane
Concen: 50.053 ug/l
RT: 7.71 min Scan# 979
Delta R.T. 0.00 min
Lab File: VY003162.D
Acq: 10 Jul 2020 13:53

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.7	52.1	78.1
61	41.3	33.9	50.9





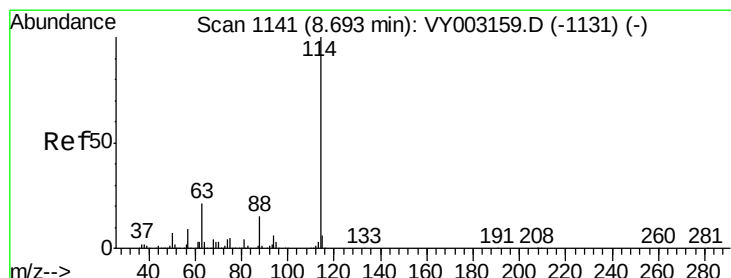
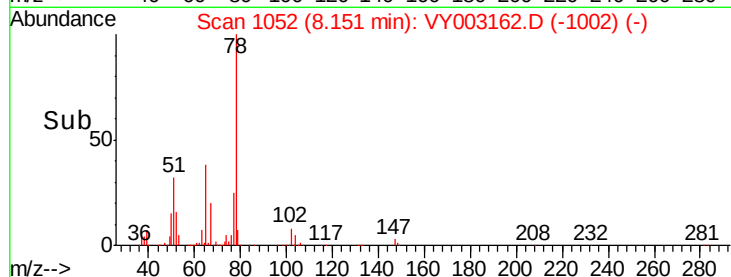
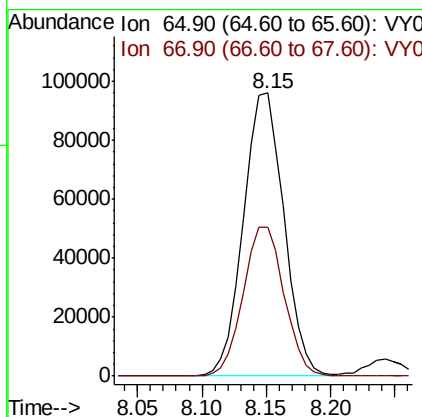
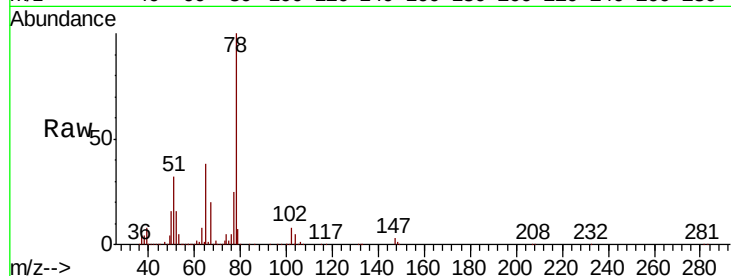
#33
 1,2-Dichloroethane-d4
 Concen: 48.600 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003162.D
 Acq: 10 Jul 2020 13:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY071020

Tot Ion	Ratio	Resp	Lower	Upper
65	100	209507		
67	53.2	0.0	105.2	

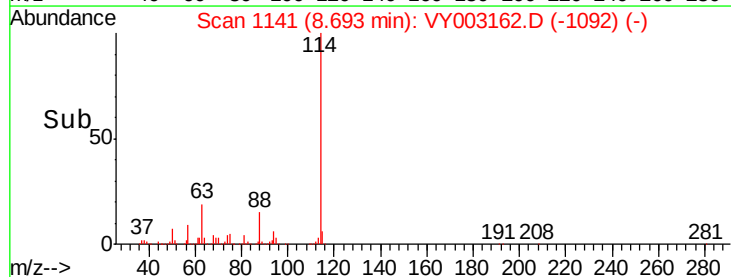
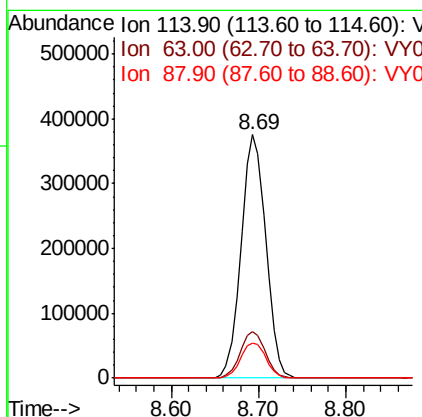
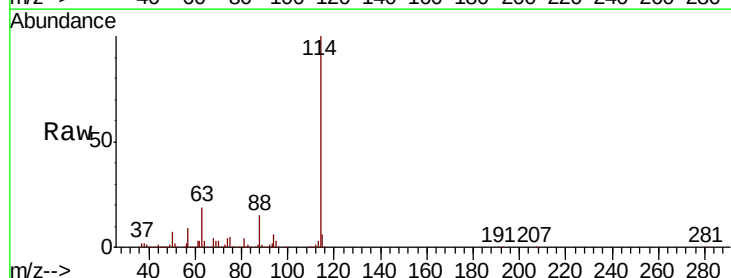
Manual Integrations
 APPROVED

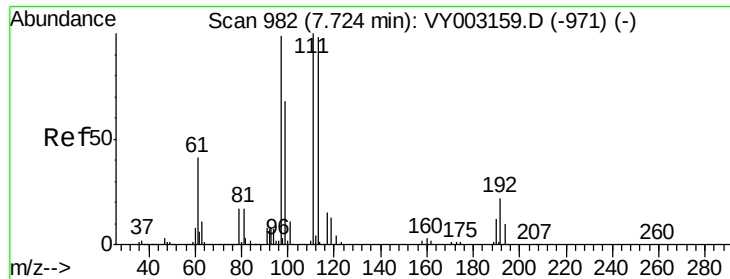
MMDadoda
 7/13/2020 10:47:45 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003162.D
 Acq: 10 Jul 2020 13:53

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	734728		
63	18.9	0.0	41.2	
88	14.6	0.0	30.2	





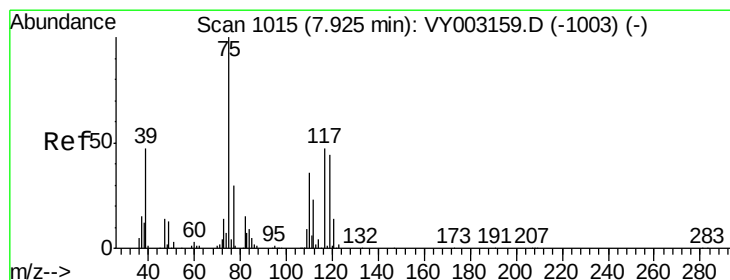
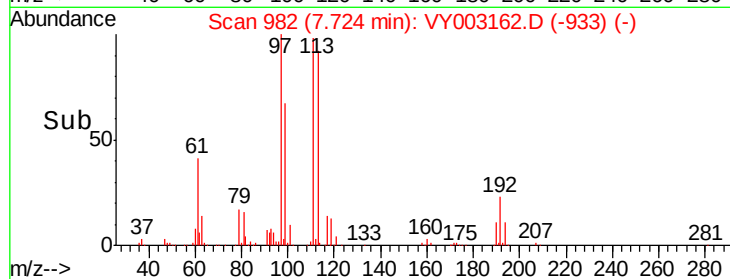
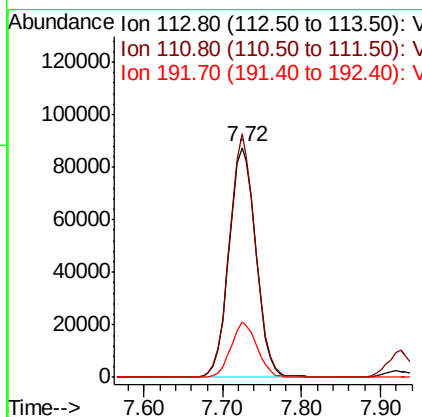
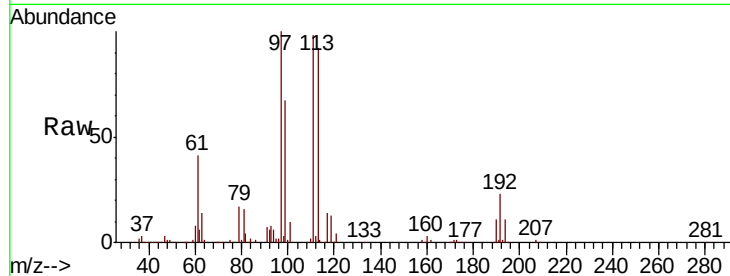
#35
 Dibromofluoromethane
 Concen: 48.986 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY003162.D
 Acq: 10 Jul 2020 13:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY071020

Tot Ion	Ratio	Resp	Lower	Upper
113	100	207121		
111	102.4	82.1	123.1	
192	23.4	18.8	28.2	

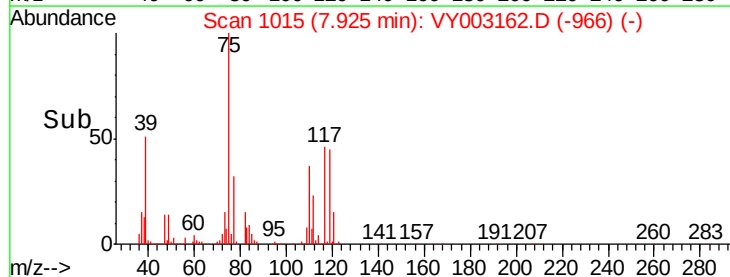
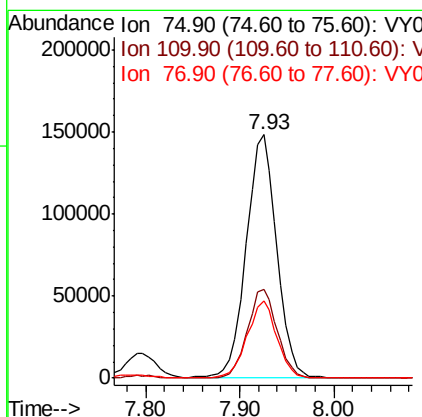
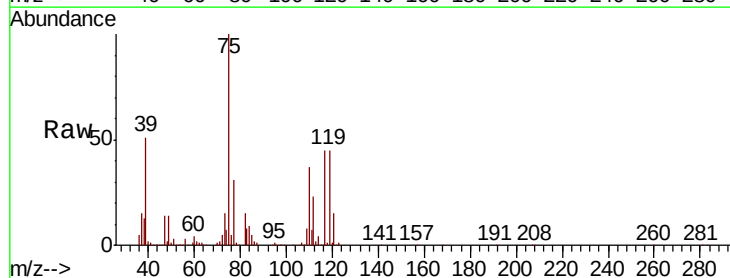
Manual Integrations
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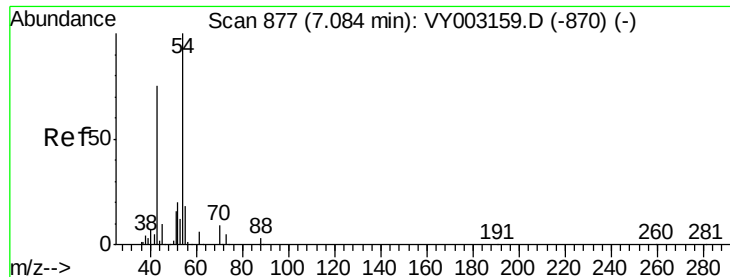
MMDadoda
 7/13/2020 10:47:45 AM



#36
 1,1-Dichloropropene
 Concen: 50.336 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: VY003162.D
 Acq: 10 Jul 2020 13:53

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	335191		
110	35.8	18.1	54.1	
77	31.3	24.8	37.2	





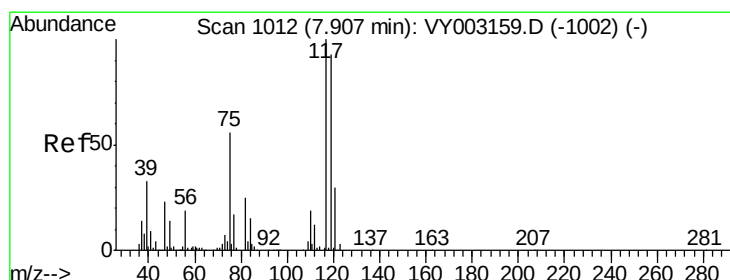
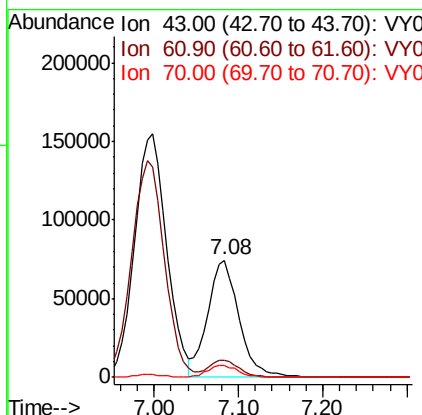
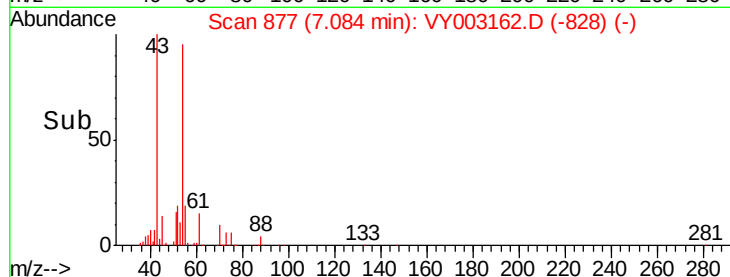
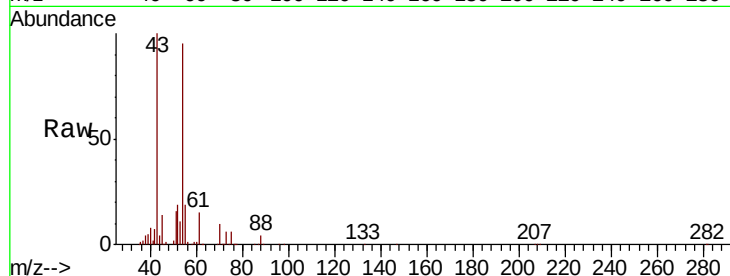
#37
Ethyl Acetate
Concen: 53.738 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.00 min
Lab File: VY003162.D
Acq: 10 Jul 2020 13:53

Instrument :
MSVOA_Y
ClientSampleId :
ICVY071020

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.1	11.8	17.6
70	10.3	8.6	13.0

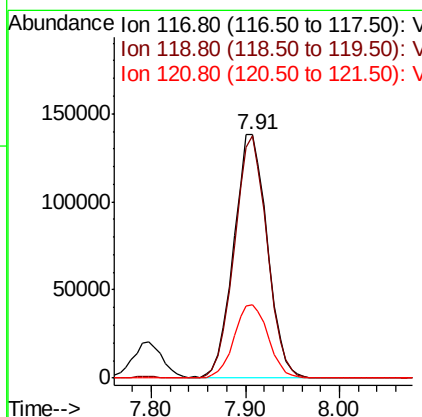
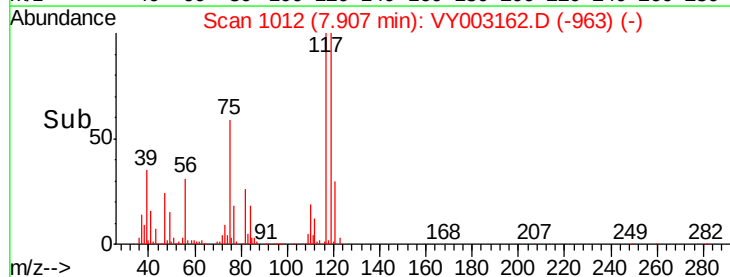
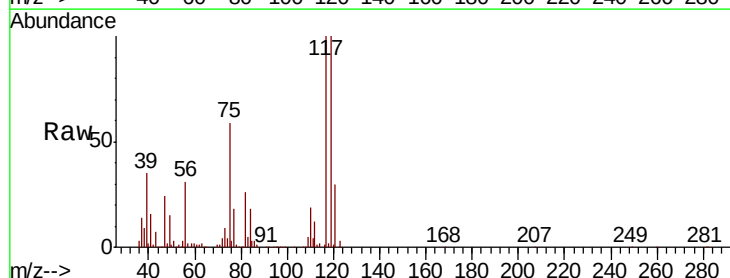
Manual Integrations
APPROVED

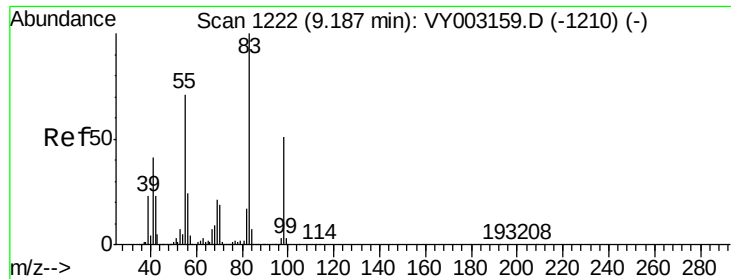
MMDadoda
7/13/2020 10:47:45 AM



#38
Carbon Tetrachloride
Concen: 49.919 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY003162.D
Acq: 10 Jul 2020 13:53

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.6	74.5	111.7
121	30.4	24.2	36.2





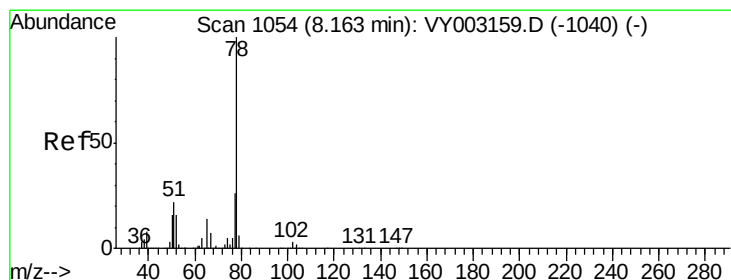
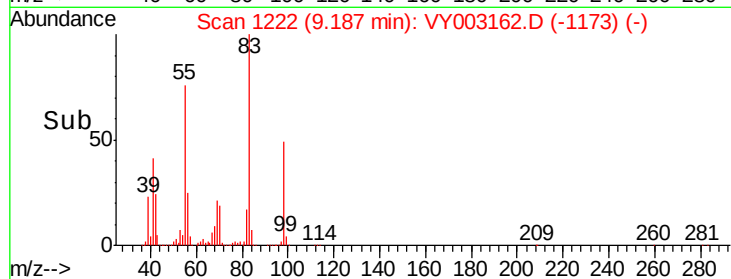
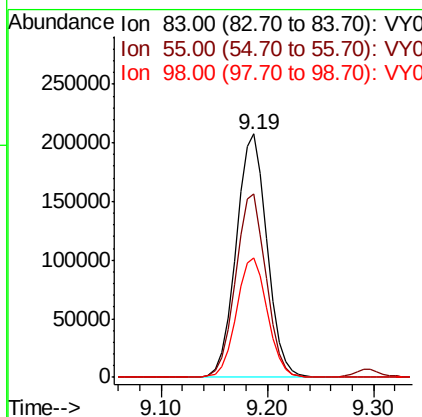
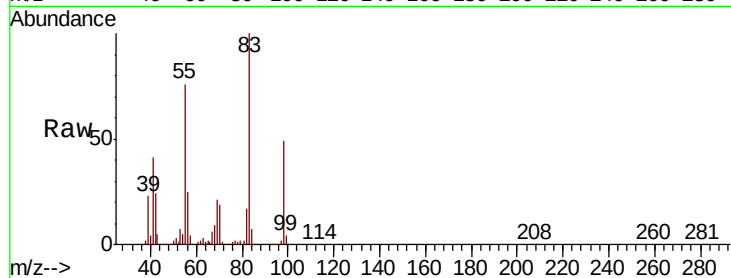
#39
Methylvlcyclohexane
Concen: 50.415 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY003162.D
Acq: 10 Jul 2020 13:53

Instrument :
MSVOA_Y
ClientSampleId :
ICVY071020

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.6	57.2	85.8
98	49.2	41.0	61.6

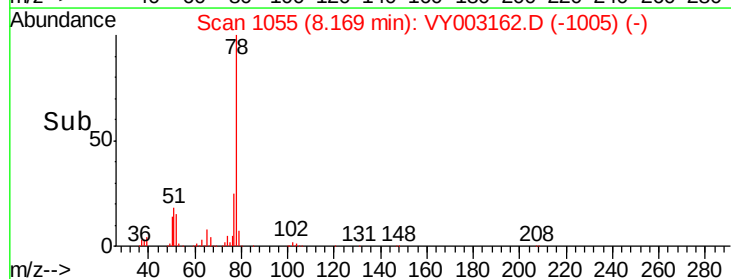
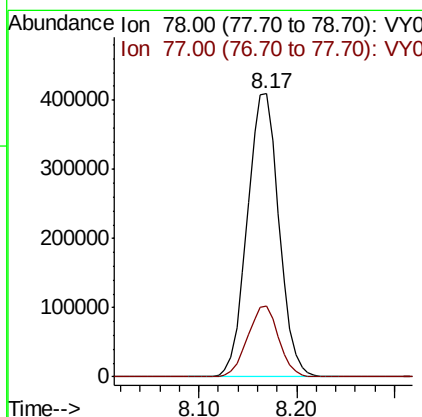
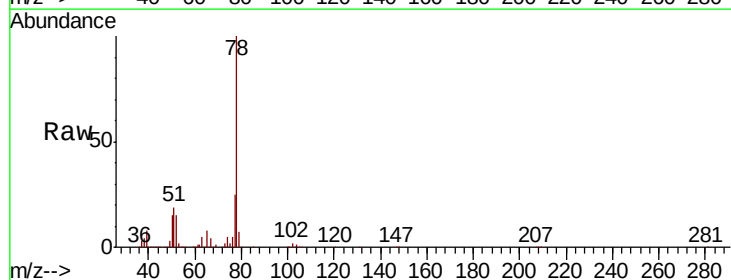
Manual Integrations
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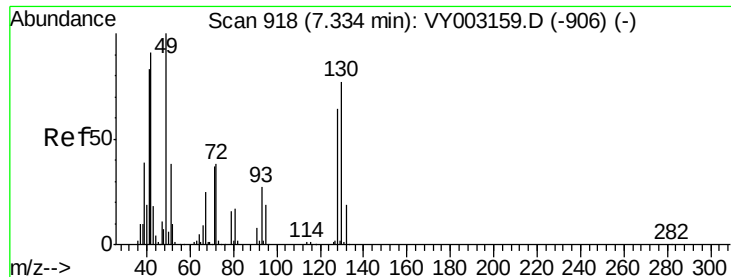
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#40
Benzene
Concen: 50.379 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.01 min
Lab File: VY003162.D
Acq: 10 Jul 2020 13:53

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.0	20.7	31.1





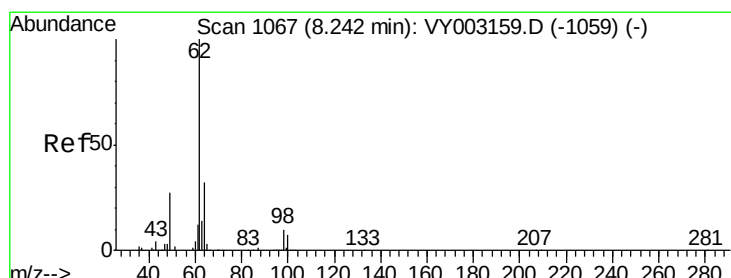
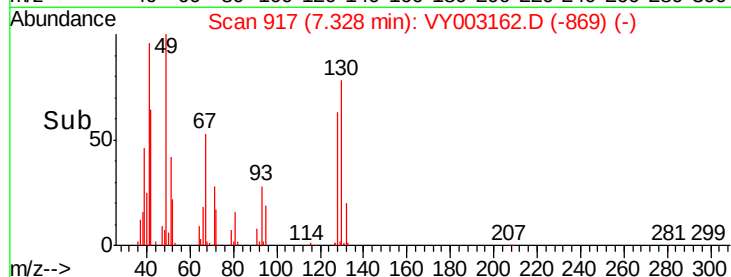
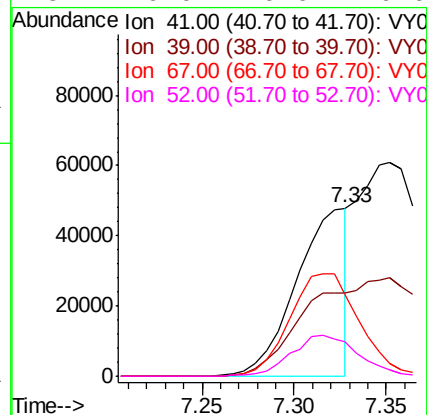
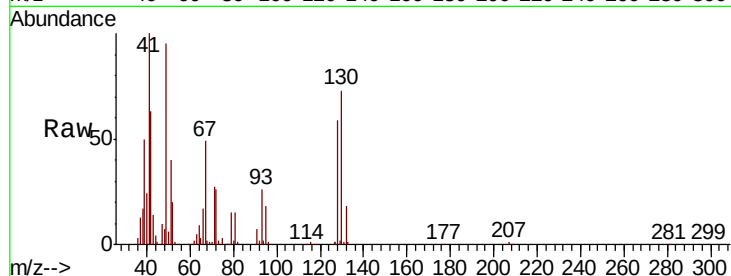
#41
Methacrylonitrile
Concen: 43.456 ug/l m
RT: 7.33 min Scan# 917
Delta R.T. -0.01 min
Lab File: VY003162.D
Acq: 10 Jul 2020 13:53

Instrument :
MSVOA_Y
ClientSampleId :
ICVY071020

Tot Ion	41	Resp	93856
Ion	Ratio	Lower	Upper
41	100		
39	130.9	83.3	124.9#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

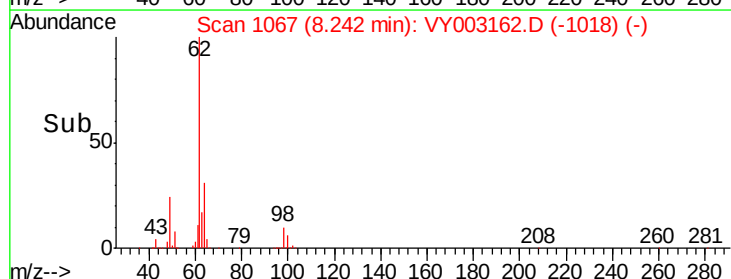
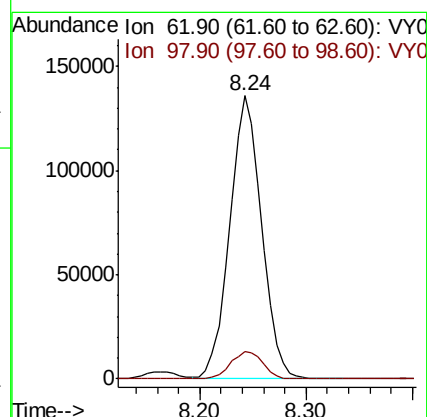
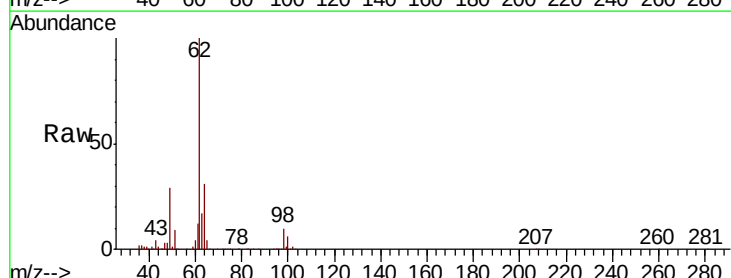
Manual Integrations
APPROVED

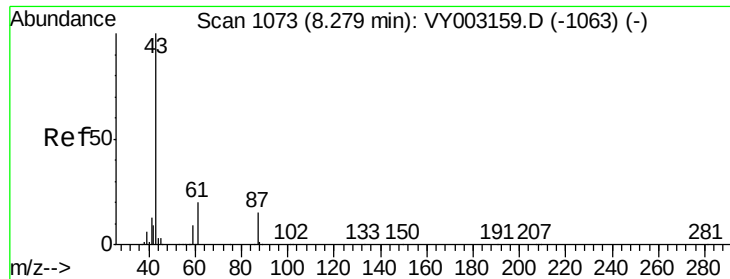
MMDadoda
7/13/2020 10:47:45 AM



#42
1,2-Dichloroethane
Concen: 50.531 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY003162.D
Acq: 10 Jul 2020 13:53

Tgt Ion	62	Resp	285241
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.0





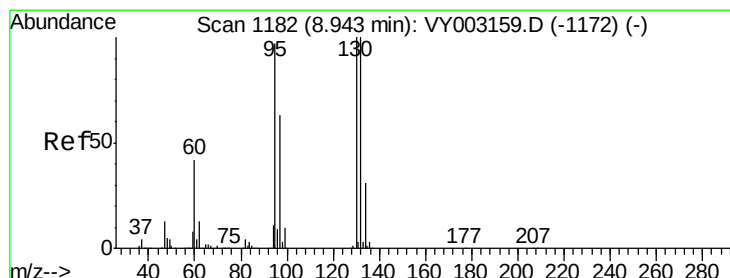
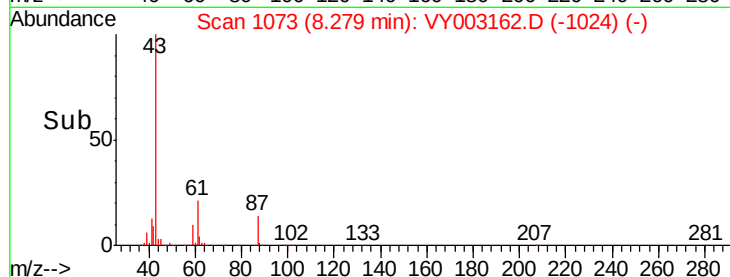
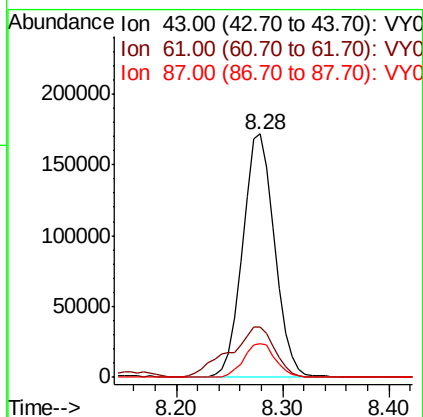
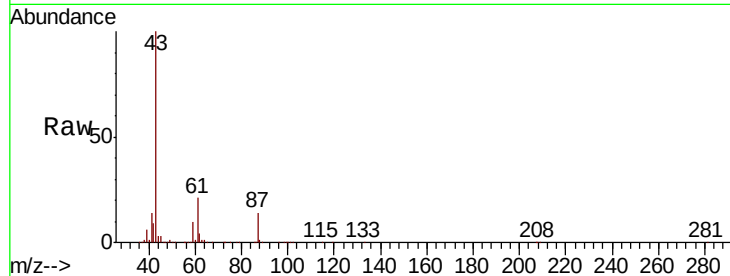
#43
Isopropyl Acetate
Concen: 52.000 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. 0.00 min
Lab File: VY003162.D
Acq: 10 Jul 2020 13:53

Instrument :
MSVOA_Y
ClientSampleId :
ICVY071020

Tot Ion	Ratio	Lower	Upper
43	100		
61	29.1	23.7	35.5
87	14.1	11.4	17.0

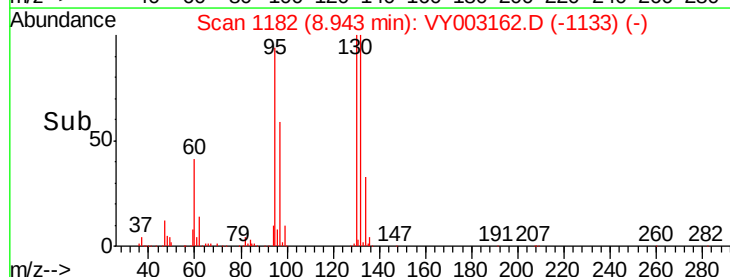
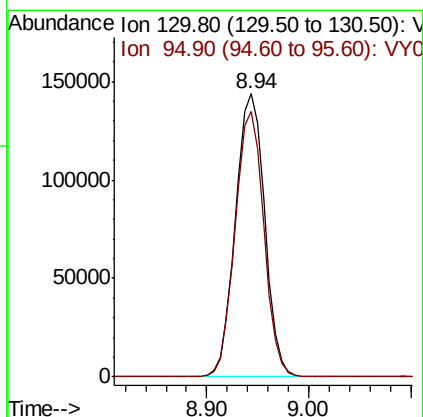
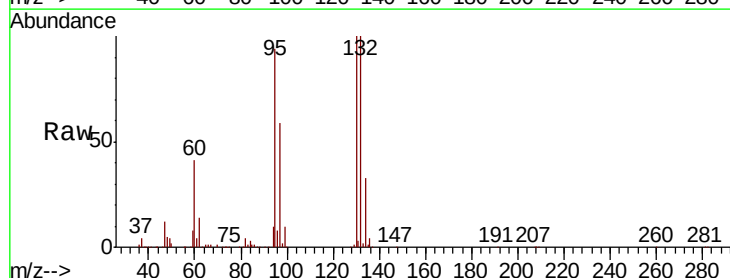
Manual Integrations
APPROVED

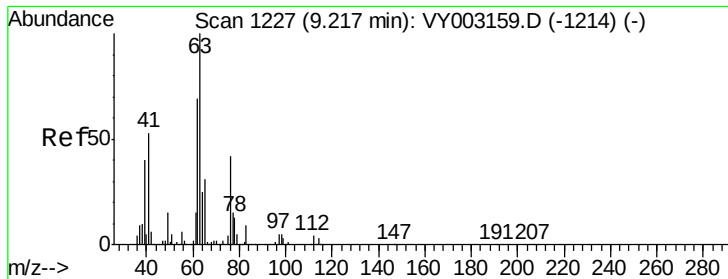
MMDadoda
7/13/2020 10:47:45 AM



#44
Trichloroethene
Concen: 50.745 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VY003162.D
Acq: 10 Jul 2020 13:53

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.9	0.0	193.8





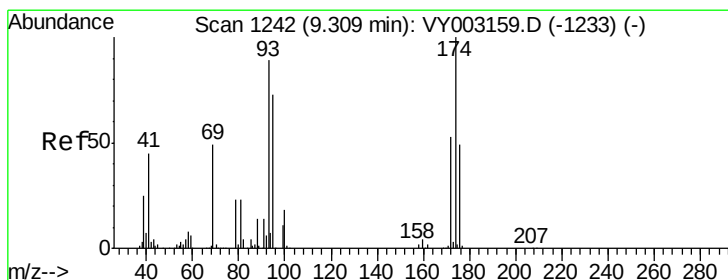
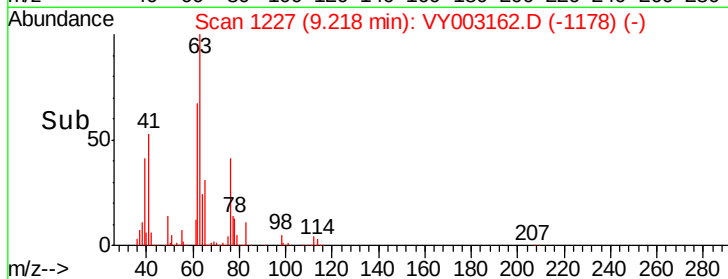
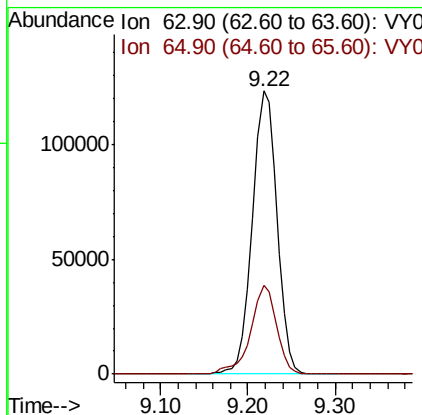
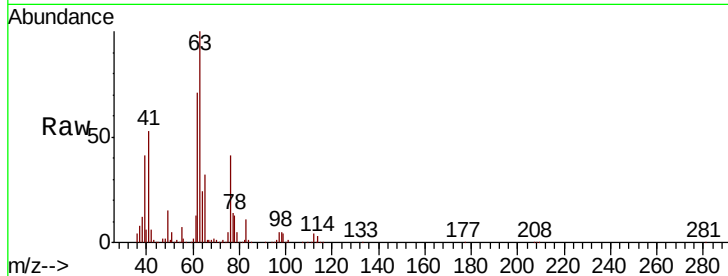
#45
 1,2-Dichloropropane
 Concen: 50.858 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY003162.D
 Acq: 10 Jul 2020 13:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY071020

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.6	25.0	37.4

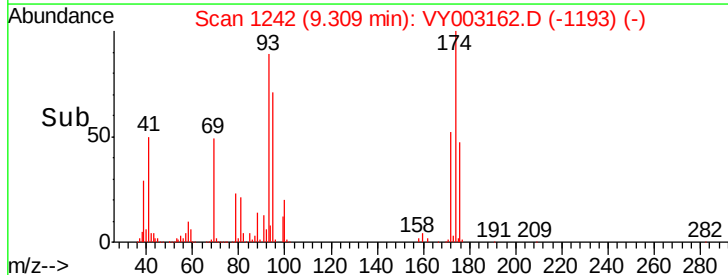
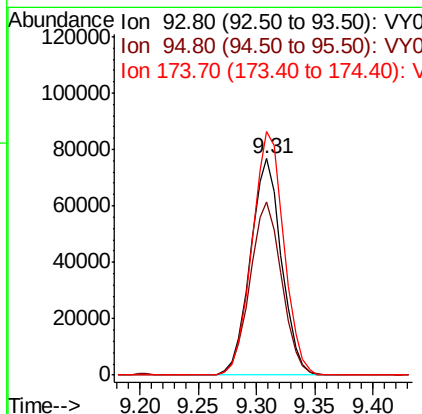
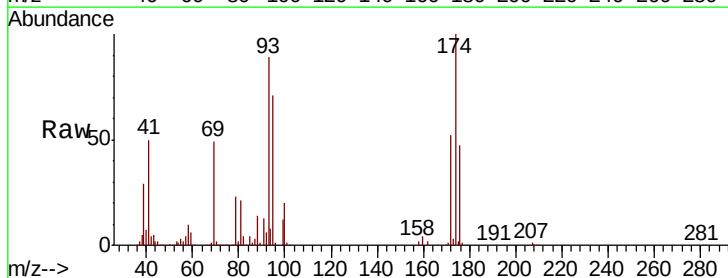
Manual Integrations
 APPROVED

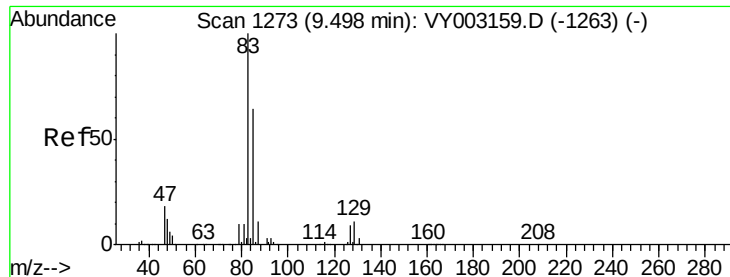
MMDadoda
 7/13/2020 10:47:45 AM



#46
 Dibromomethane
 Concen: 51.374 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY003162.D
 Acq: 10 Jul 2020 13:53

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.8	66.6	99.8
174	114.5	90.2	135.4





#47

Bromodichloromethane

Concen: 50.823 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY003162.D

Acq: 10 Jul 2020 13:53

Instrument :

MSVOA_Y

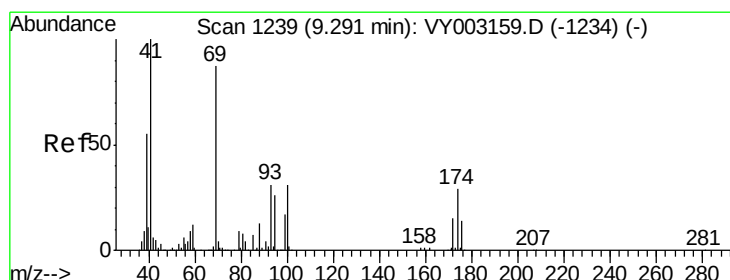
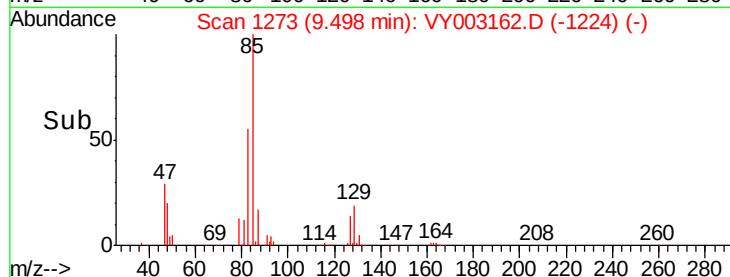
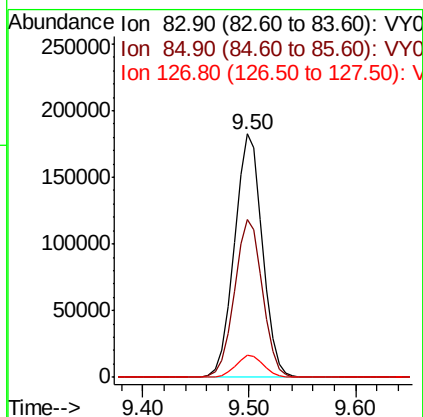
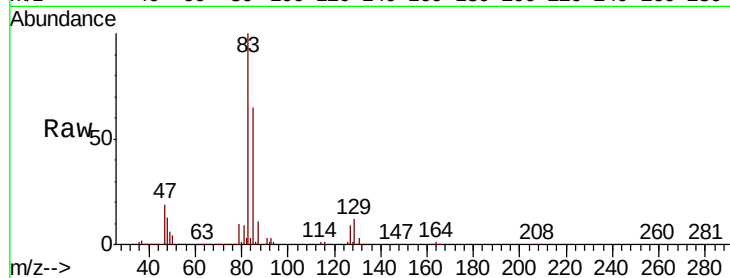
ClientSampleId :

ICVVY071020

Tot Ion:	83	Resp:	334952
Ion Ratio	Lower	Upper	
83	100		
85	64.7	50.9	76.3
127	8.9	7.0	10.4

Manual Integrations
APPROVED

MMDadoda
7/13/2020 10:47:45 AM



#48

Methyl methacrylate

Concen: 52.385 ug/l

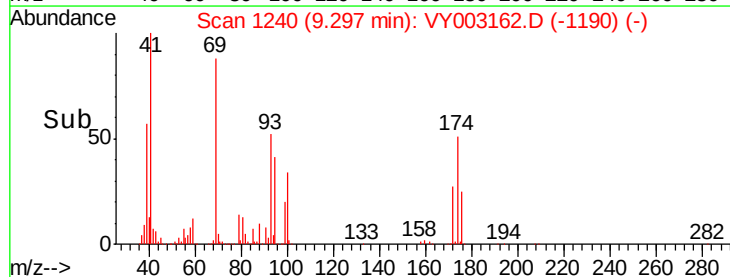
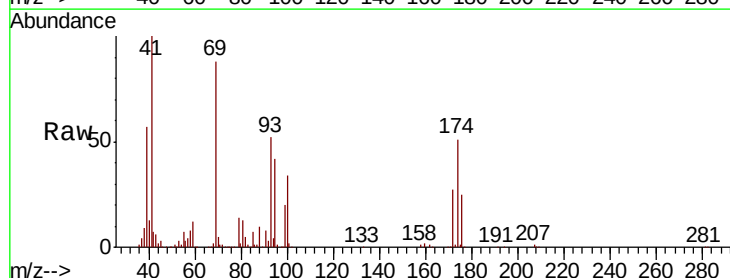
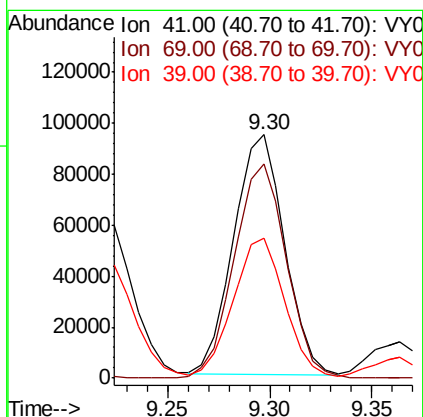
RT: 9.30 min Scan# 1240

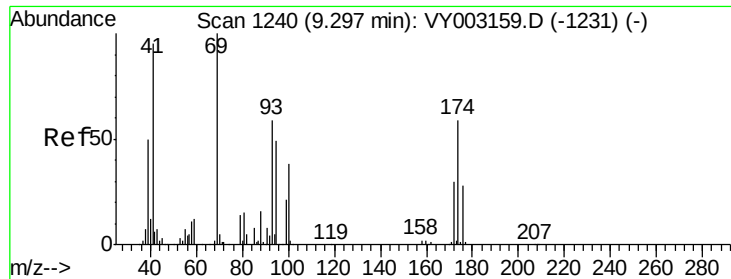
Delta R.T. 0.01 min

Lab File: VY003162.D

Acq: 10 Jul 2020 13:53

Tgt Ion:	41	Resp:	162560
Ion Ratio	Lower	Upper	
41	100		
69	91.5	74.5	111.7
39	59.5	47.5	71.3





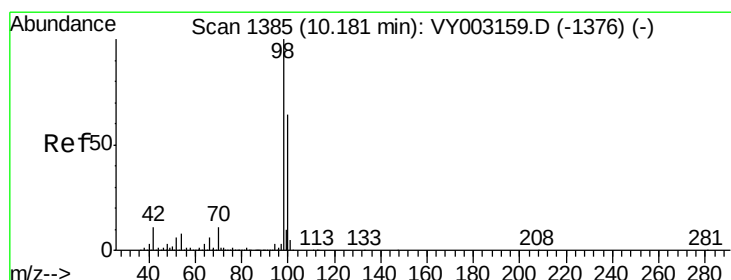
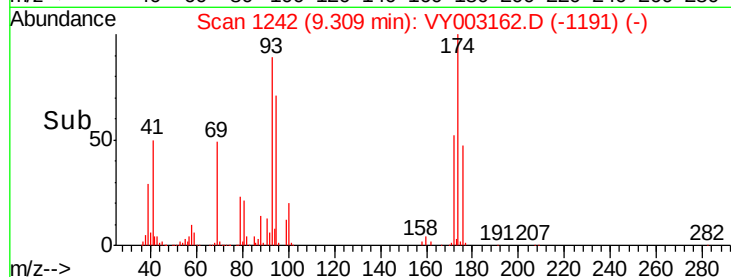
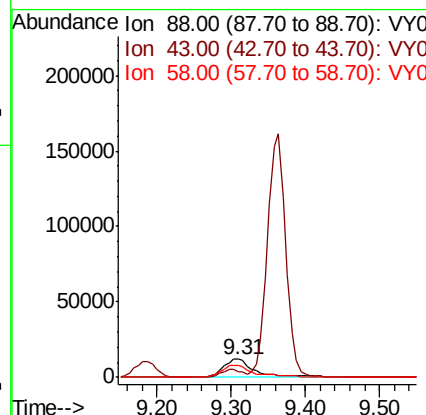
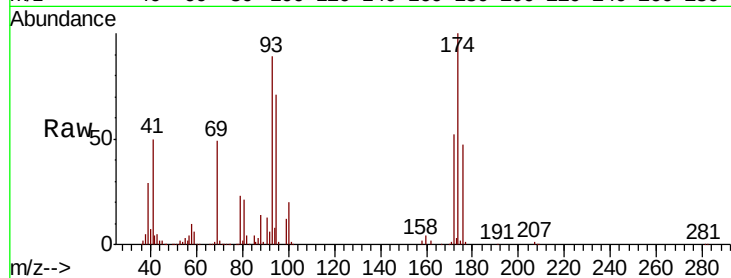
#49
1,4-Dioxane
Concen: 1034.146 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.01 min
Lab File: VY003162.D
Acq: 10 Jul 2020 13:53

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY071020

Tot Ion	Ratio	Lower	Upper
88	100		
43	28.1	25.6	38.4
58	67.1	47.8	71.6

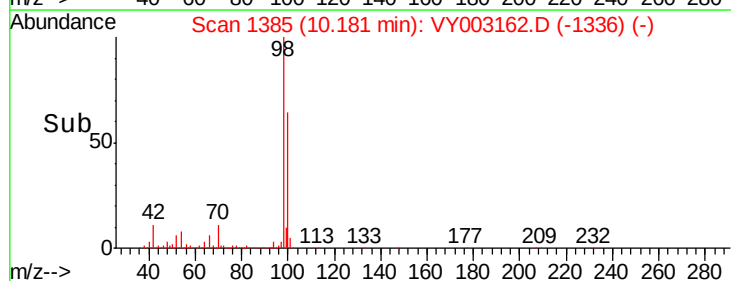
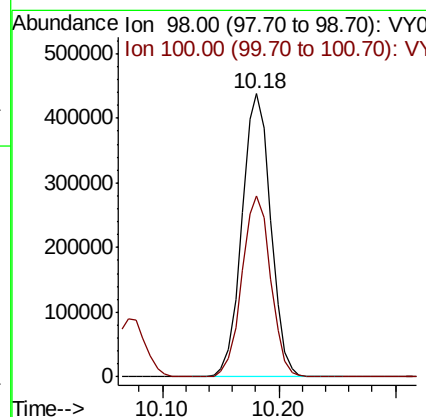
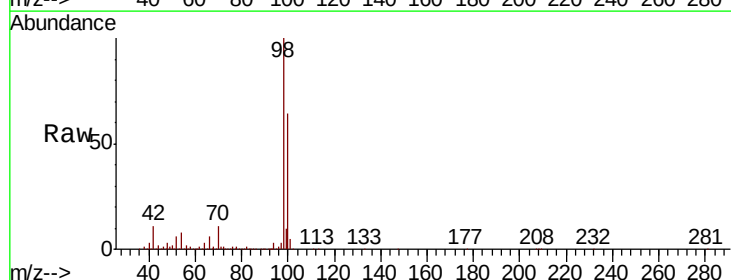
Manual Integrations
APPROVED

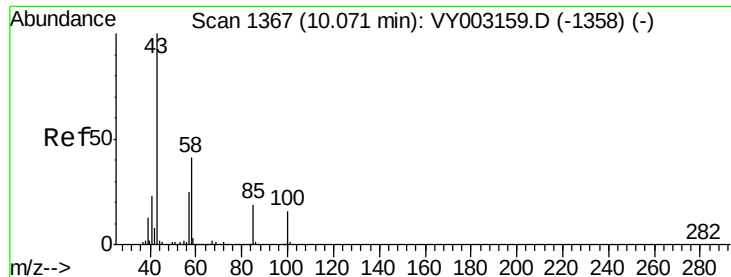
MMDadoda
7/13/2020 10:47:45 AM



#50
Toluene-d8
Concen: 47.993 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY003162.D
Acq: 10 Jul 2020 13:53

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.9	50.7	76.1





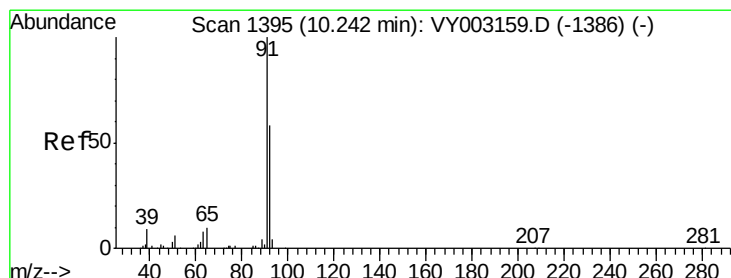
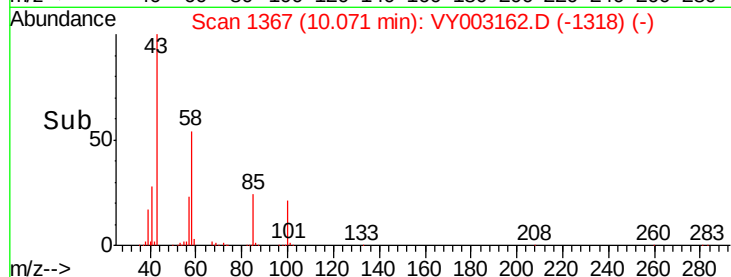
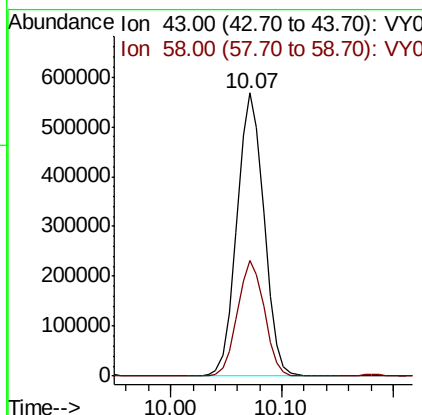
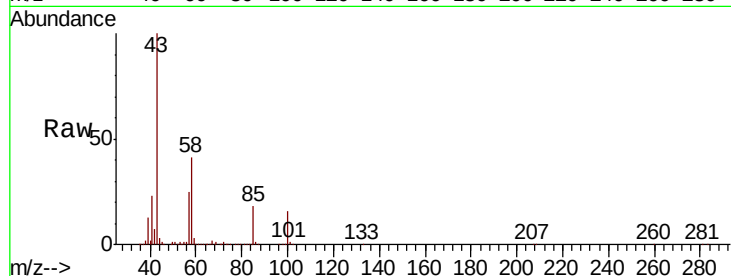
#51
4-Methyl-2-Pentanone
Concen: 263.860 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VY003162.D
Acq: 10 Jul 2020 13:53

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY071020

Tot Ion: 43 Resp: 951987
Ion Ratio Lower Upper
43 100
58 40.8 32.7 49.1

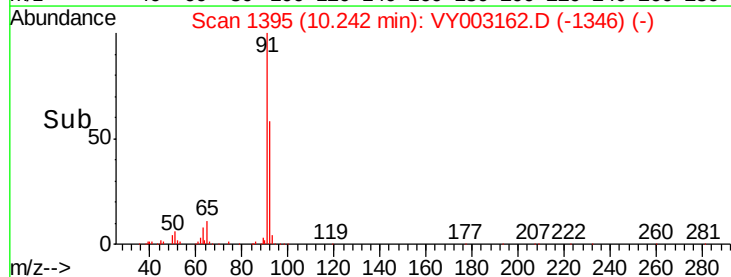
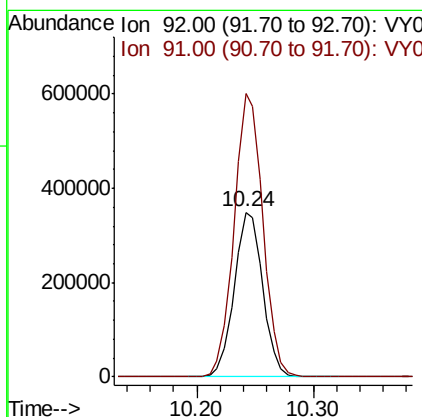
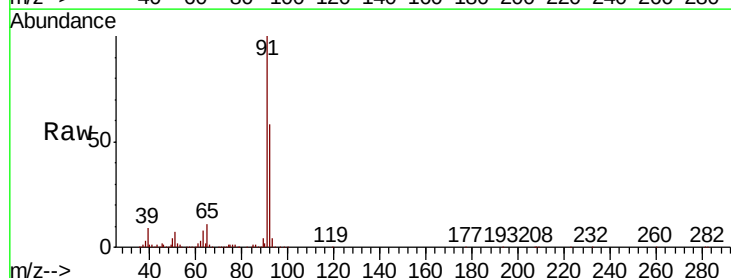
Manual Integrations
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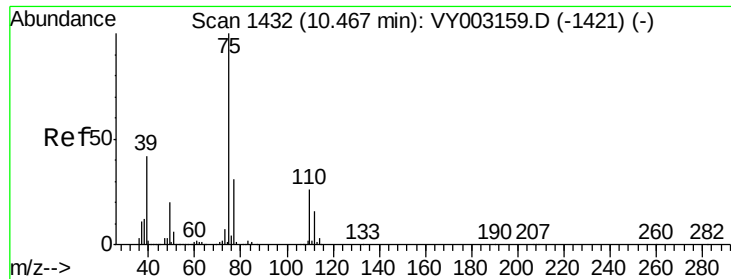
MMDadoda
7/13/2020 10:47:45 AM



#52
Toluene
Concen: 50.607 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. 0.00 min
Lab File: VY003162.D
Acq: 10 Jul 2020 13:53

Tgt Ion: 92 Resp: 593092
Ion Ratio Lower Upper
92 100
91 174.0 139.7 209.5





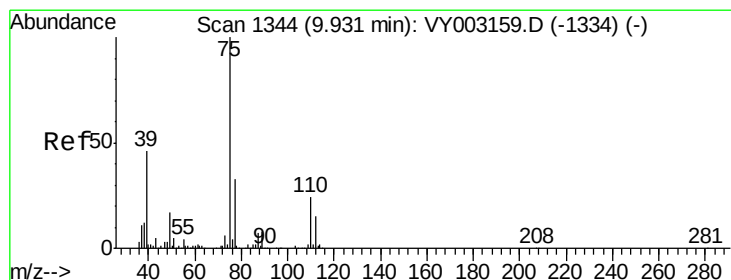
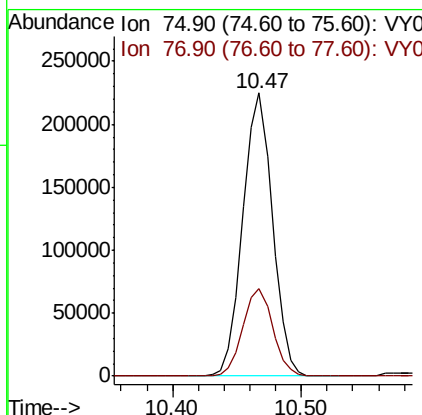
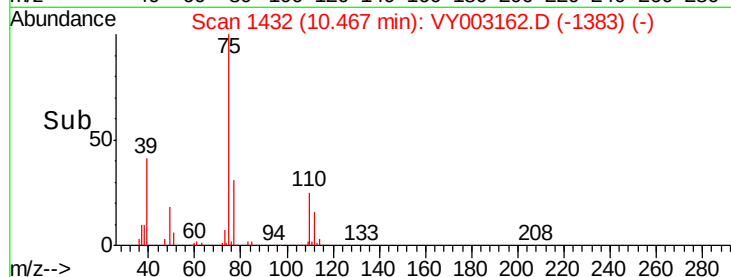
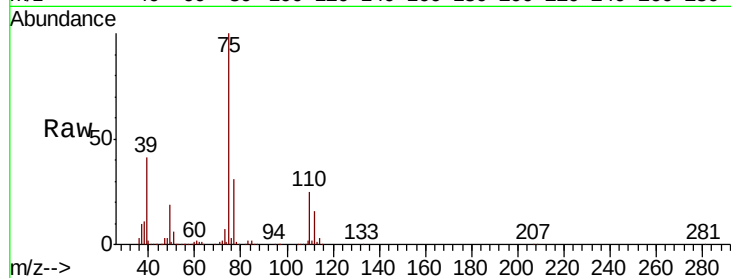
#53
t-1,3-Dichloropropene
Concen: 52.373 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VY003162.D
Acq: 10 Jul 2020 13:53

Instrument :
MSVOA_Y
ClientSampleId :
ICVY071020

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.0	25.2	37.8

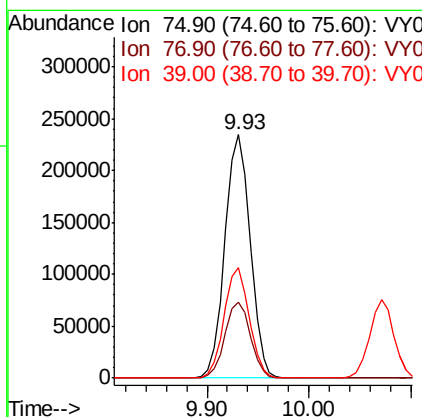
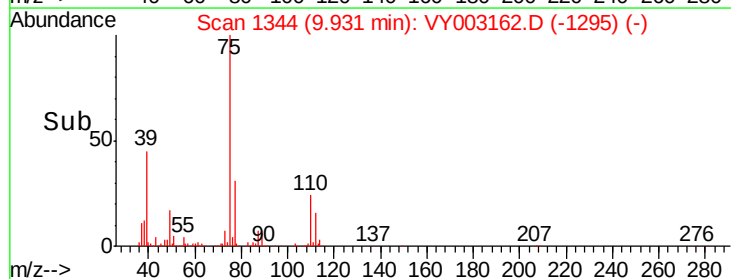
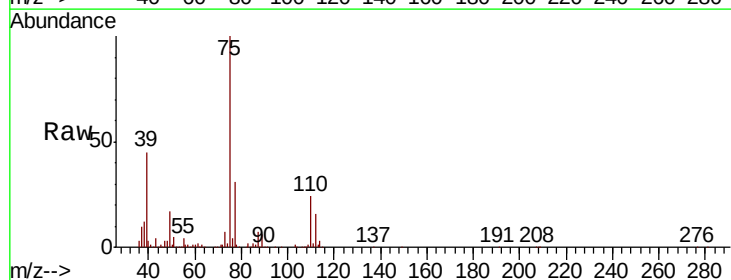
Manual Integrations
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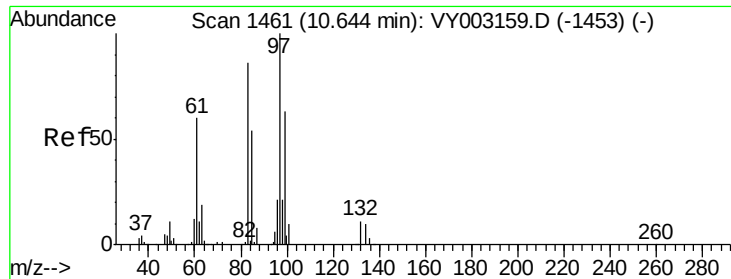
MMDadoda
7/13/2020 10:47:45 AM



#54
cis-1,3-Dichloropropene
Concen: 51.250 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. 0.00 min
Lab File: VY003162.D
Acq: 10 Jul 2020 13:53

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.1	26.7	40.1
39	45.1	37.0	55.6





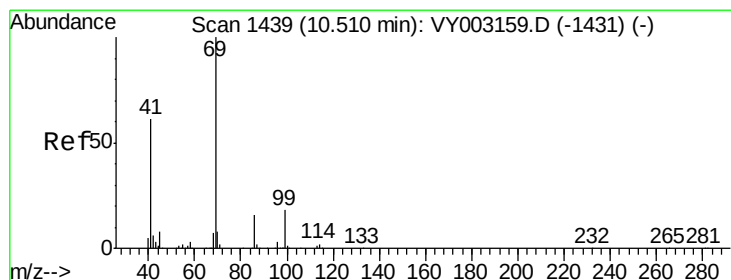
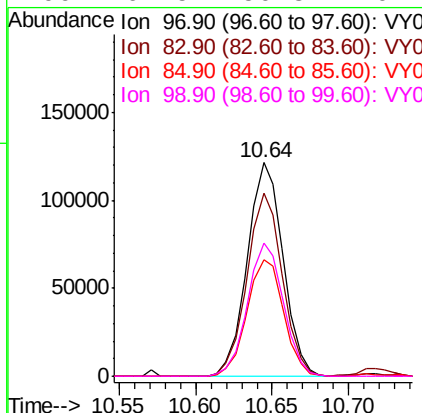
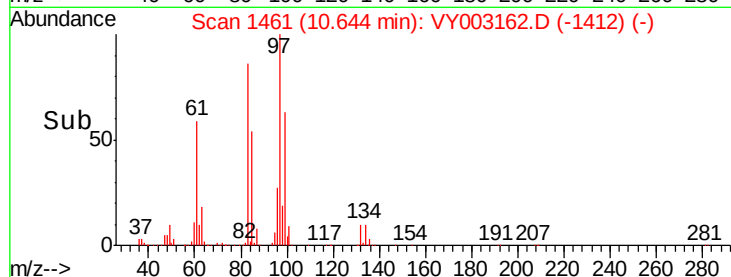
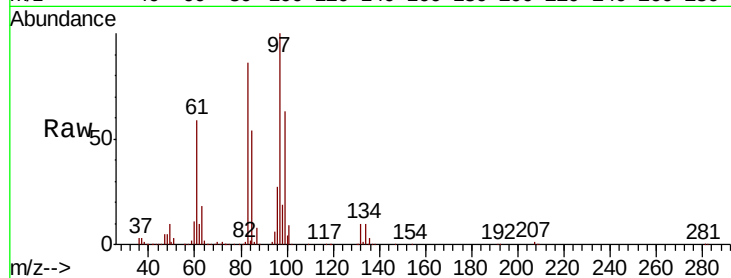
#55
 1,1,2-Trichloroethane
 Concen: 50.402 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY003162.D
 Acq: 10 Jul 2020 13:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY071020

Tot Ion:	97	Resp:	197913
Ion Ratio	Lower	Upper	
97	100		
83	85.5	68.8	103.2
85	54.3	43.1	64.7
99	62.5	50.8	76.2

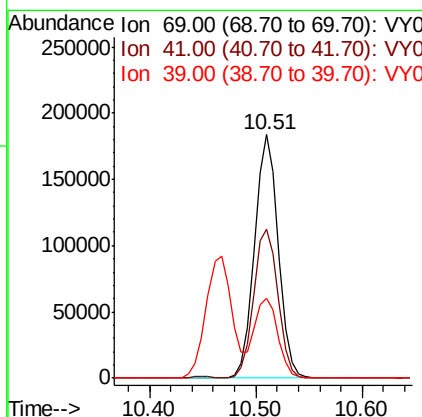
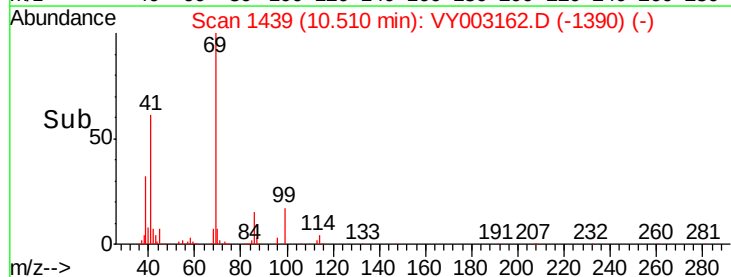
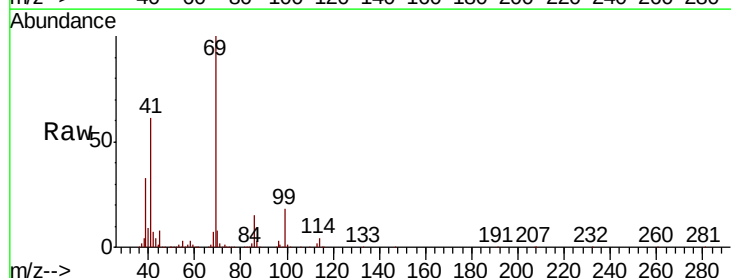
Manual Integrations
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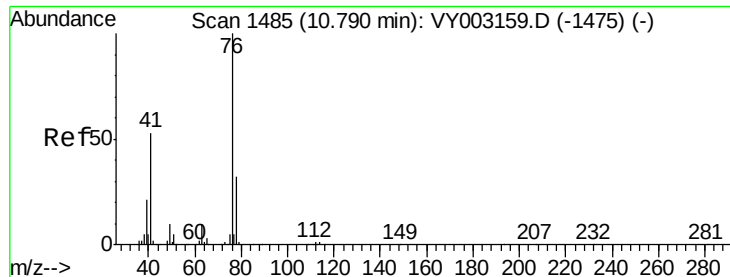
MMDadoda
 7/13/2020 10:47:45 AM



#56
 Ethyl methacrylate
 Concen: 53.697 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY003162.D
 Acq: 10 Jul 2020 13:53

Tgt Ion:	69	Resp:	286659
Ion Ratio	Lower	Upper	
69	100		
41	62.6	50.0	75.0
39	31.7	27.6	41.4





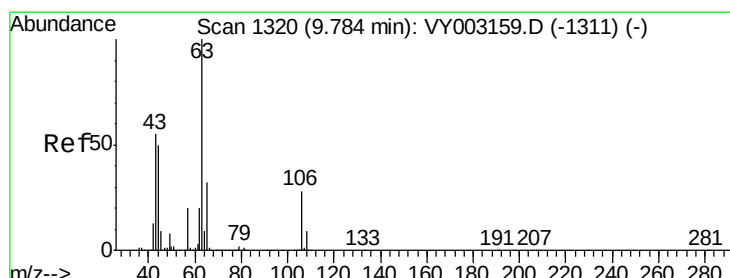
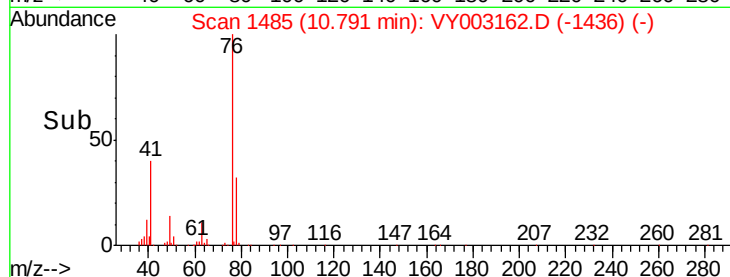
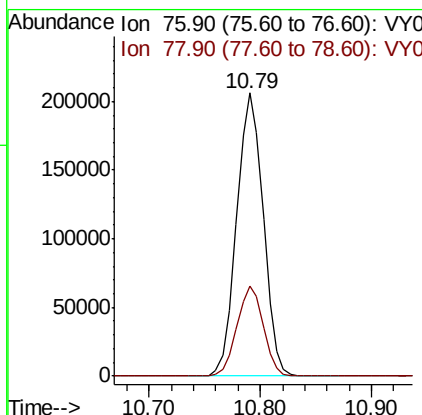
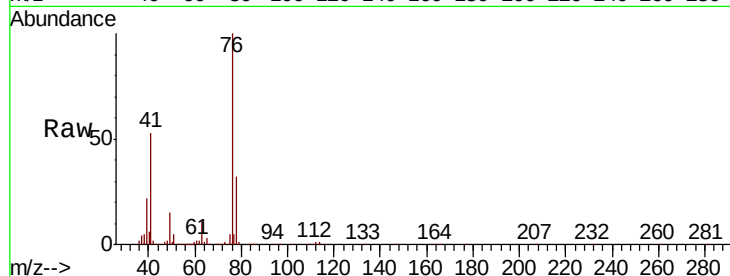
#57
 1,3-Dichloropropane
 Concen: 51.015 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VY003162.D
 Acq: 10 Jul 2020 13:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY071020

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.8	26.0	39.0

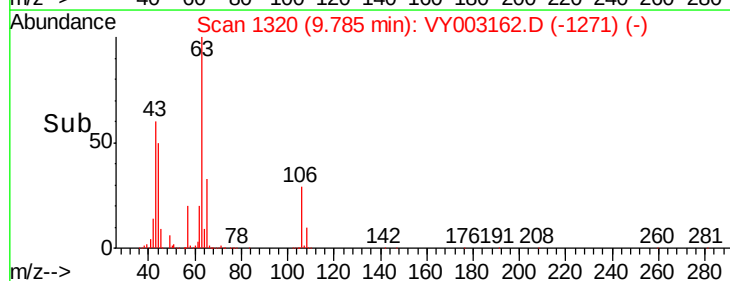
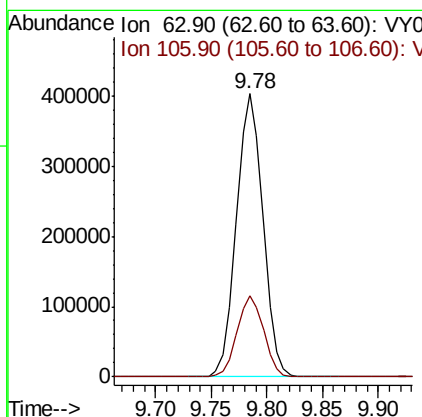
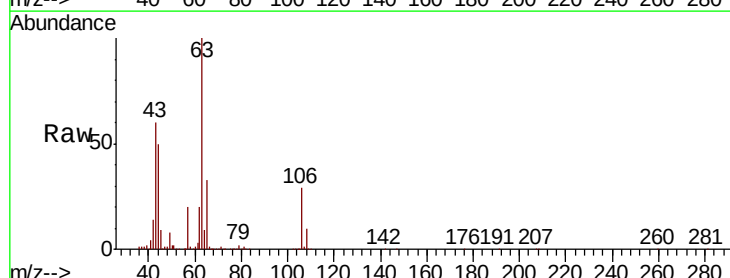
Manual Integrations
 APPROVED

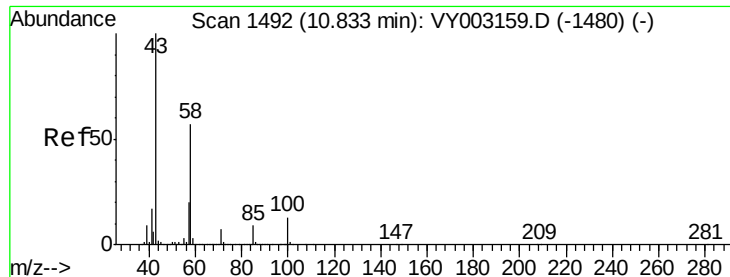
MMDadoda
 7/13/2020 10:47:45 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 243.818 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: VY003162.D
 Acq: 10 Jul 2020 13:53

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.7	22.9	34.3





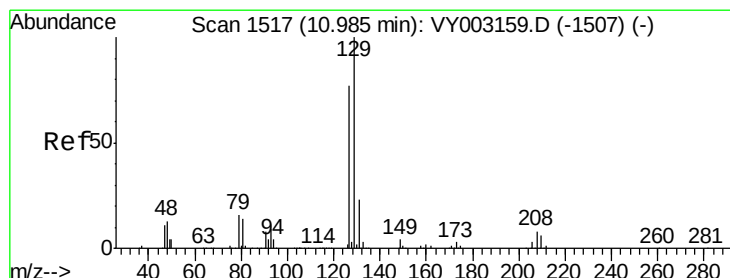
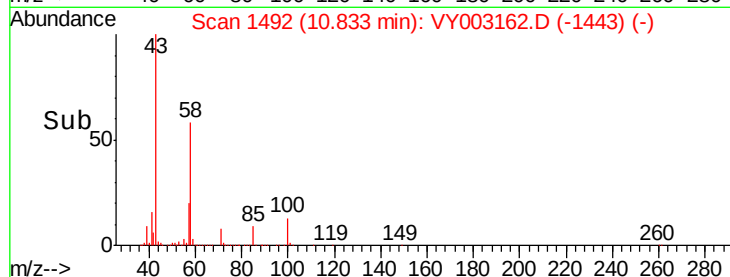
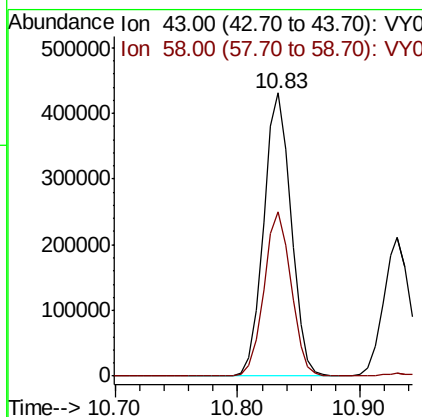
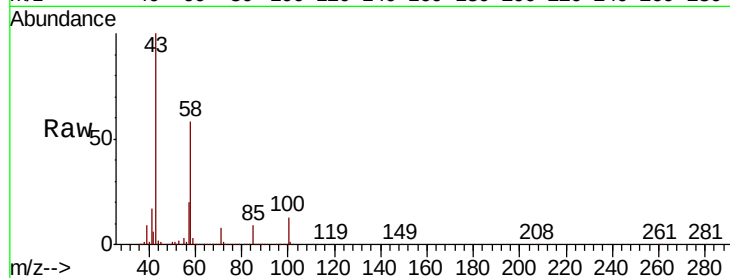
#59
2-Hexanone
Concen: 266.640 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY003162.D
Acq: 10 Jul 2020 13:53

Instrument :
MSVOA_Y
ClientSampleId :
ICVY071020

Tot Ion	Ratio	Lower	Upper
43	100		
58	57.5	28.3	85.0

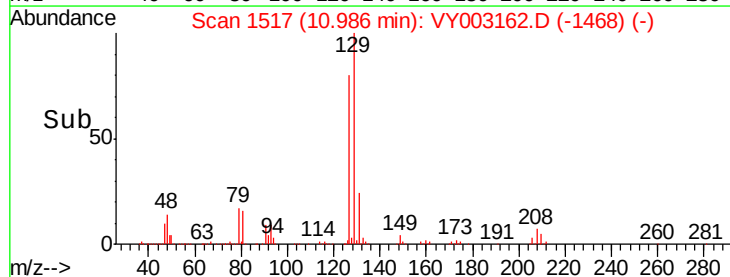
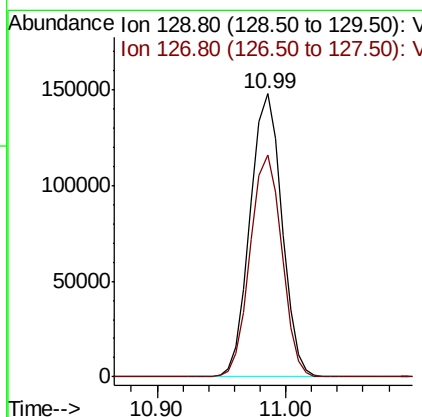
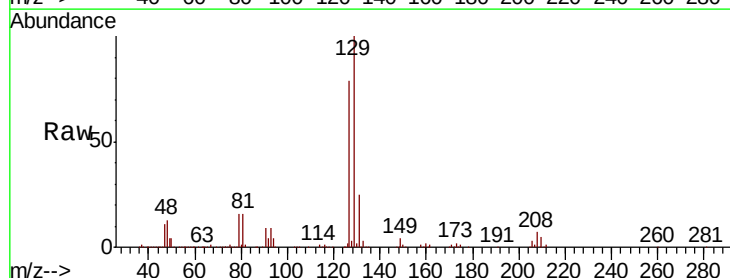
Manual Integrations
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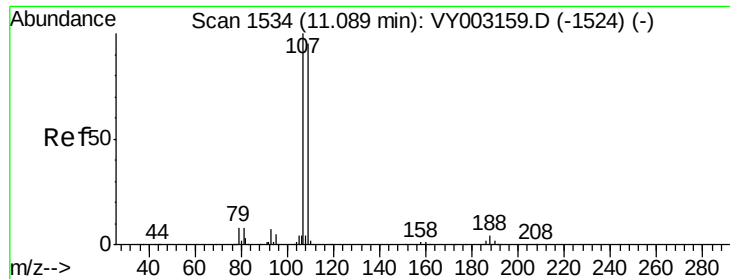
MMDadoda
7/13/2020 10:47:45 AM



#60
Dibromochloromethane
Concen: 51.011 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY003162.D
Acq: 10 Jul 2020 13:53

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.0	38.5	115.5





#61

1,2-Dibromoethane

Concen: 50.618 ug/l

RT: 11.09 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VY003162.D

Acq: 10 Jul 2020 13:53

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY071020

Tot Ion: 107 Resp: 196171

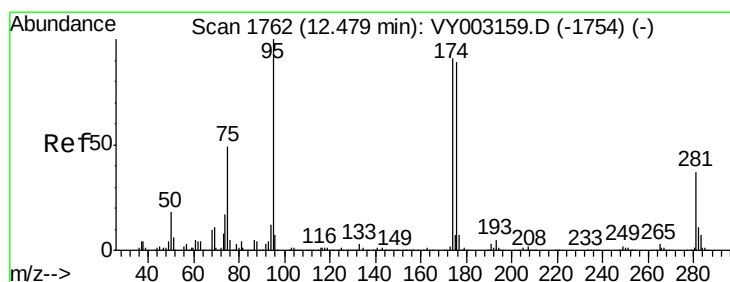
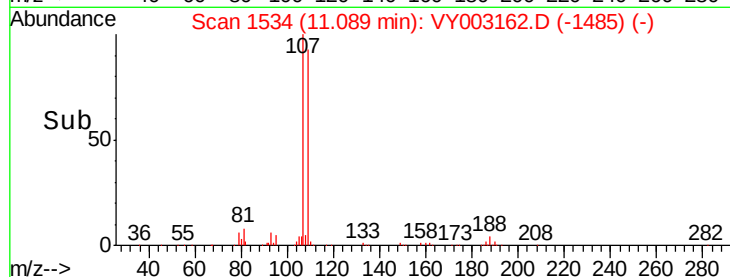
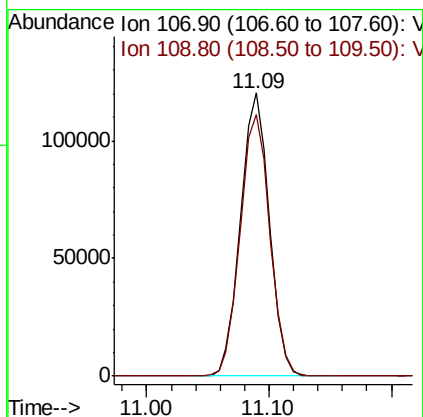
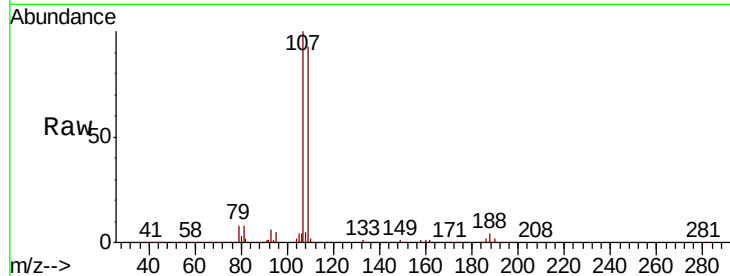
Ion Ratio Lower Upper

107 100

109 95.0 75.6 113.4

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#62

4-Bromofluorobenzene

Concen: 48.175 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003162.D

Acq: 10 Jul 2020 13:53

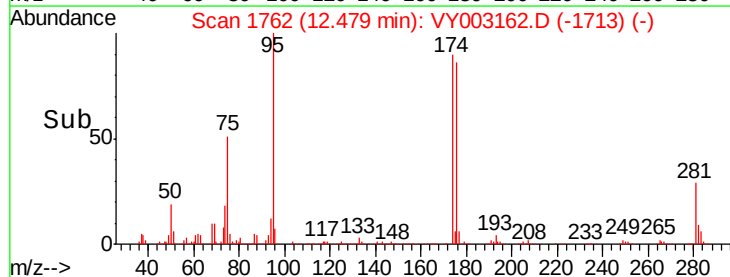
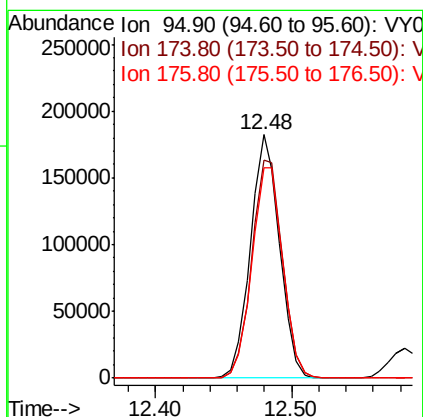
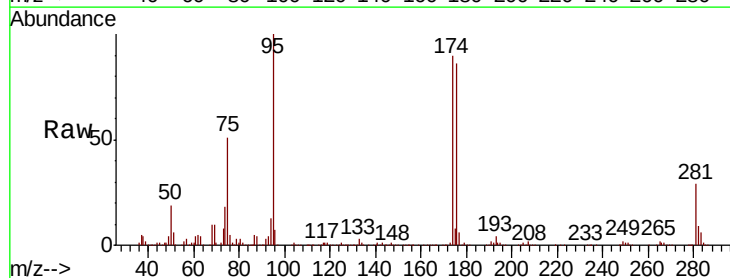
Tgt Ion: 95 Resp: 273582

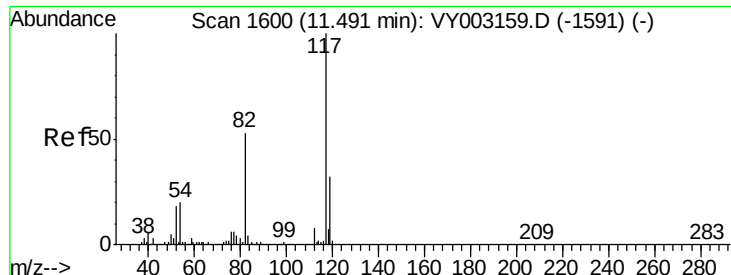
Ion Ratio Lower Upper

95 100

174 94.4 0.0 190.6

176 91.6 0.0 186.4





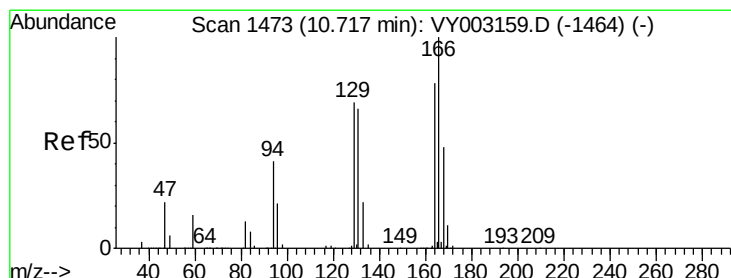
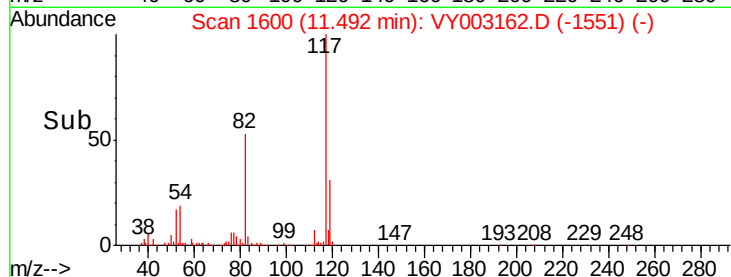
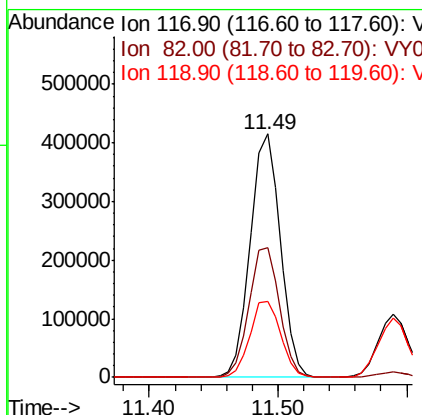
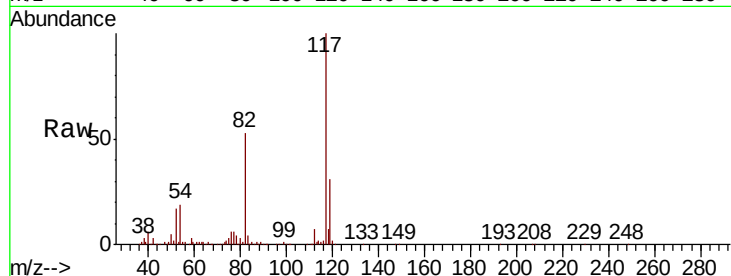
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003162.D
Acq: 10 Jul 2020 13:53

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY071020

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.0	42.0	63.0
119	31.2	25.5	38.3

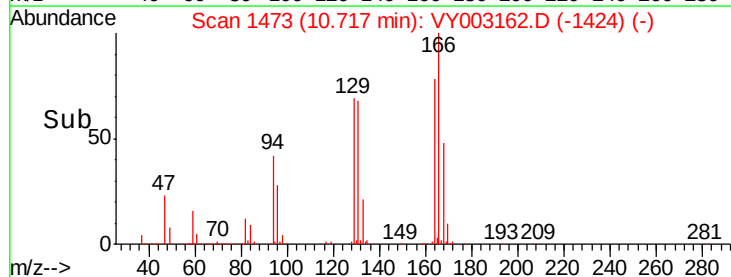
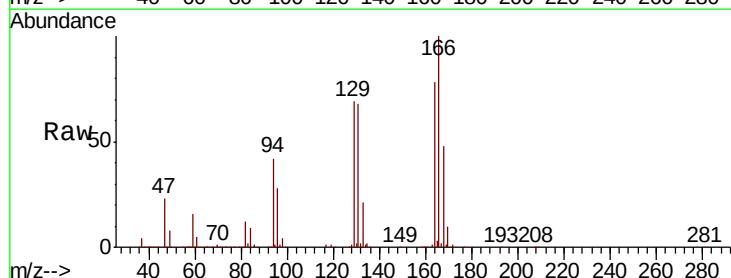
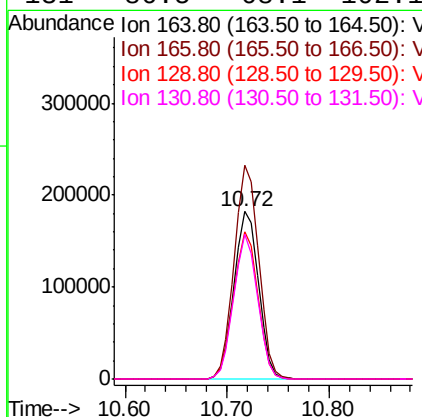
Manual Integrations
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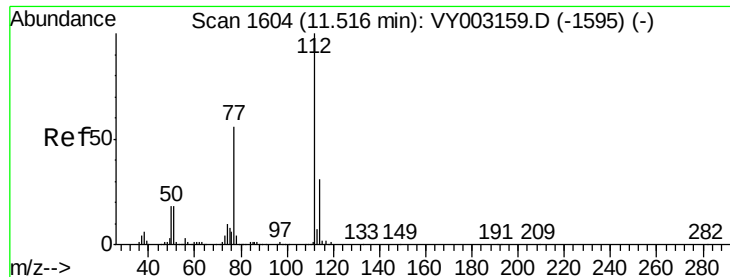
MMDadoda
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#64
Tetrachloroethene
Concen: 50.852 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY003162.D
Acq: 10 Jul 2020 13:53

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.4	102.9	154.3
129	87.8	71.4	107.2
131	86.5	68.1	102.1





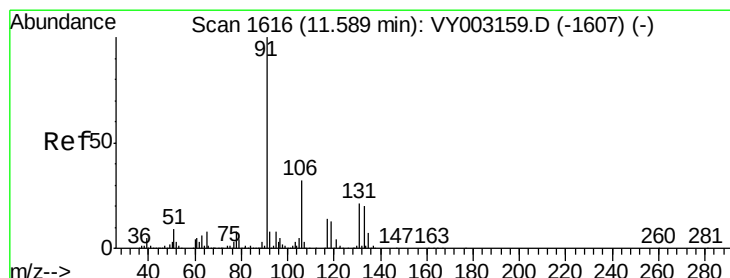
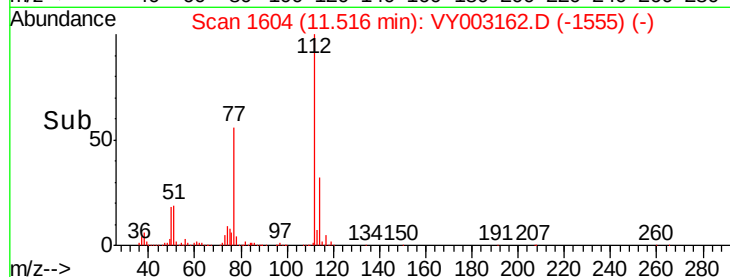
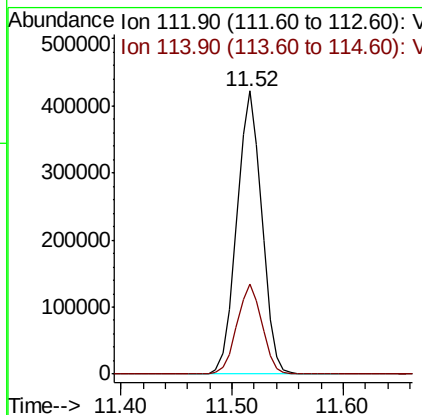
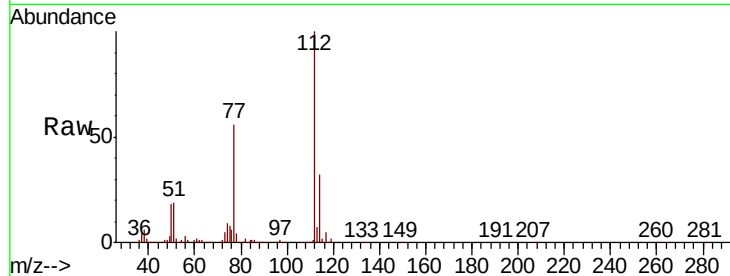
#65
Chlorobenzene
Concen: 50.941 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY003162.D
Acq: 10 Jul 2020 13:53

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY071020

Tot Ion:112 Resp: 654949
Ion Ratio Lower Upper
112 100
114 32.0 24.7 37.1

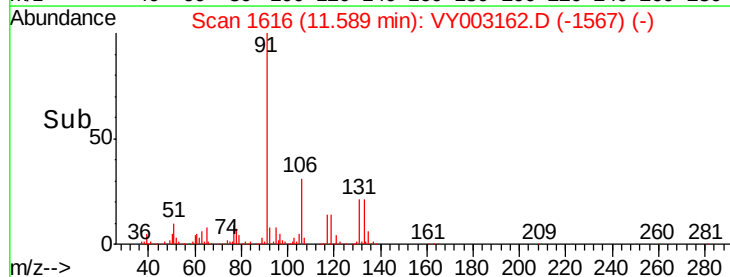
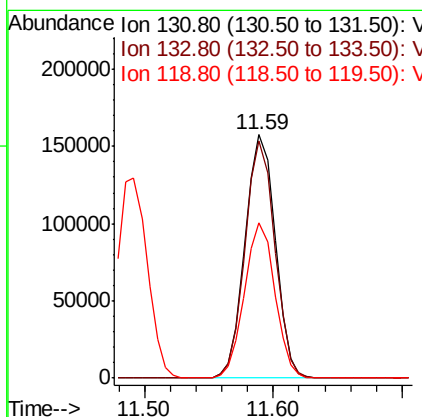
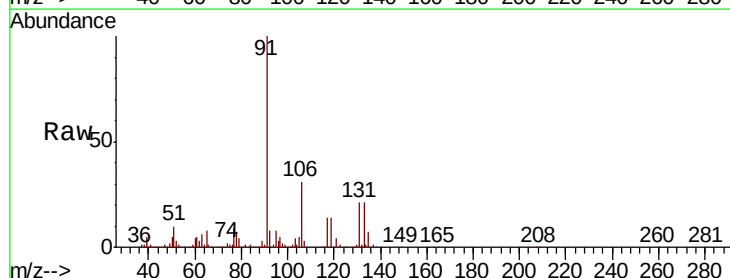
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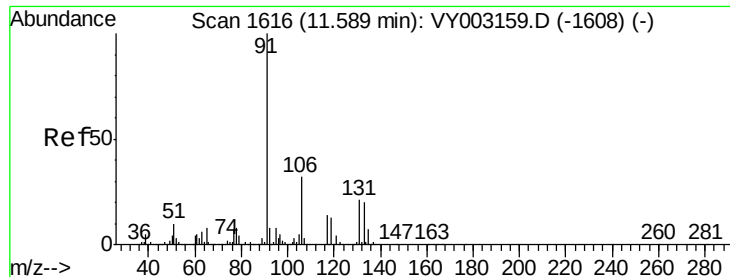
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.086 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY003162.D
Acq: 10 Jul 2020 13:53

Tgt Ion:131 Resp: 255104
Ion Ratio Lower Upper
131 100
133 96.2 48.0 144.0
119 64.2 32.4 97.0





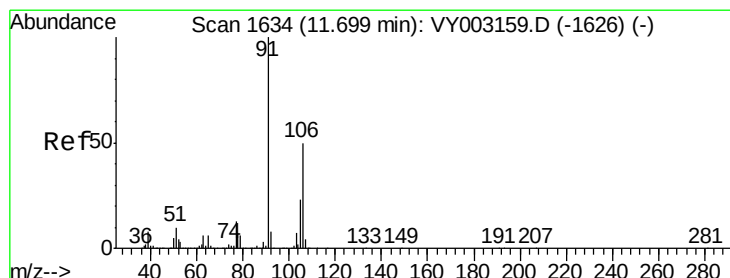
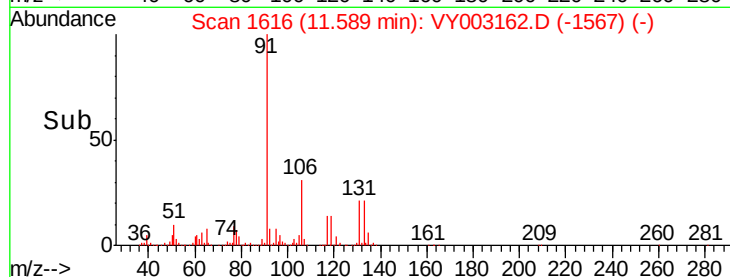
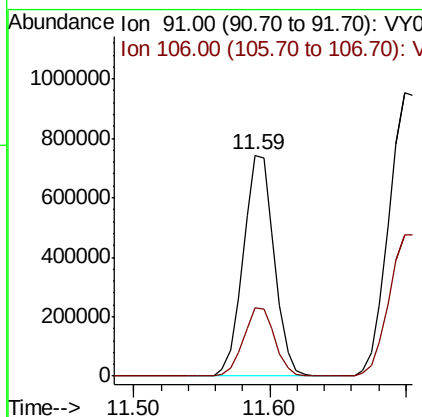
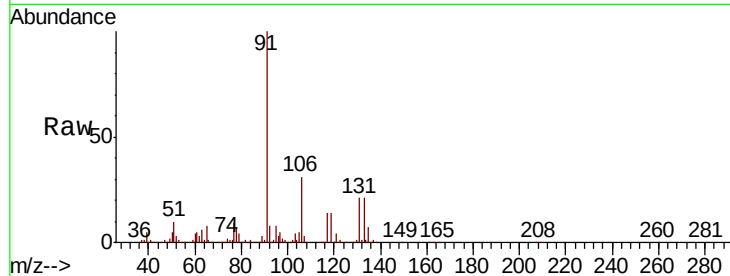
#67
Ethyl Benzene
Concen: 51.504 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY003162.D
Acq: 10 Jul 2020 13:53

Instrument :
MSVOA_Y
ClientSampleId :
ICVY071020

Tot Ion: 91 Resp: 1182340
Ion Ratio Lower Upper
91 100
106 31.1 25.5 38.3

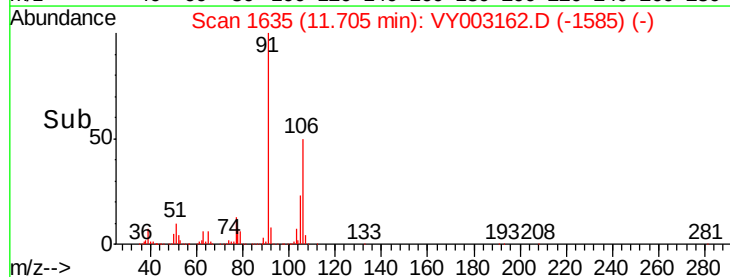
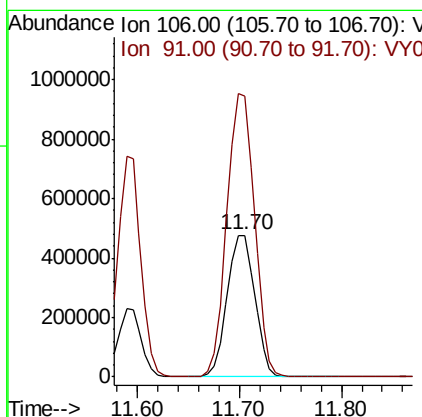
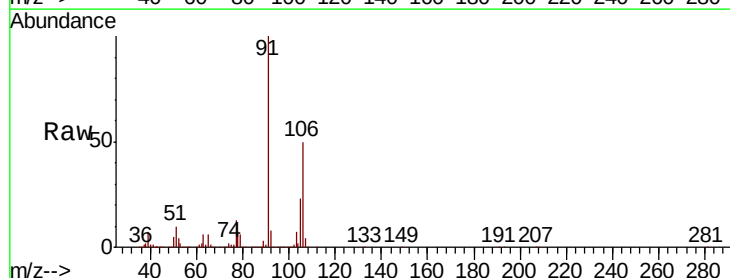
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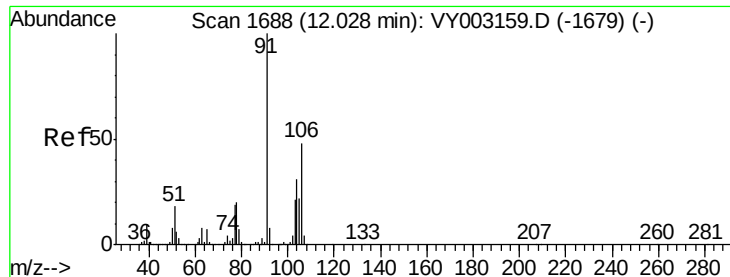
MMDadoda
7/13/2020 10:47:45 AM



#68
m/p-Xylenes
Concen: 102.805 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. 0.01 min
Lab File: VY003162.D
Acq: 10 Jul 2020 13:53

Tgt Ion: 106 Resp: 895456
Ion Ratio Lower Upper
106 100
91 199.3 159.0 238.6





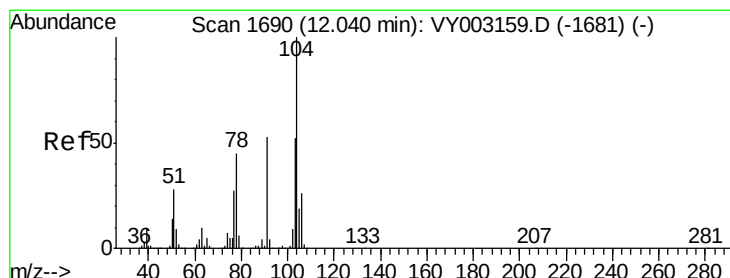
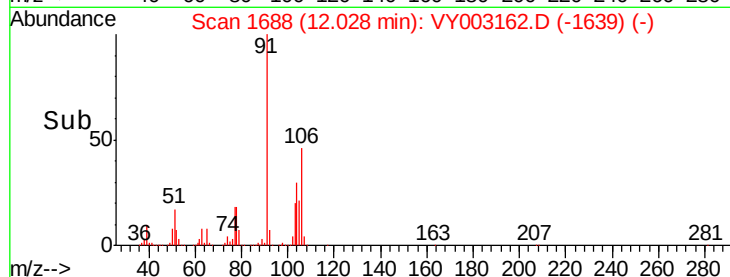
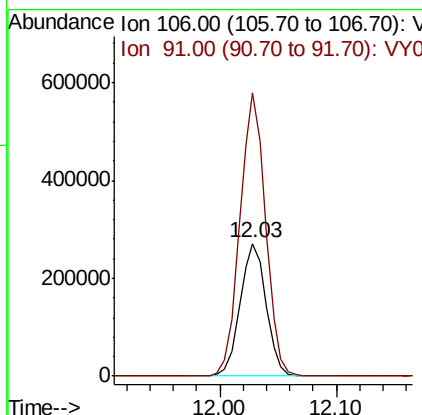
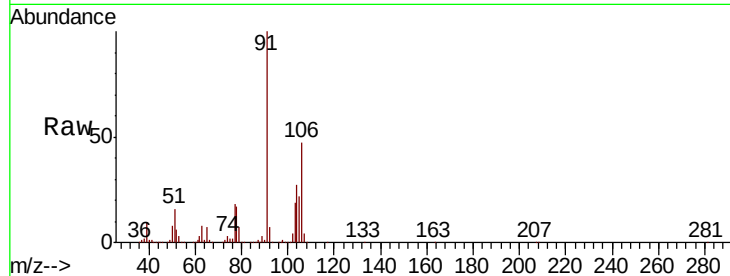
#69
o-Xylene
Concen: 51.693 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY003162.D
Acq: 10 Jul 2020 13:53

Instrument :
MSVOA_Y
ClientSampleId :
ICVY071020

Tot Ion	Ion	Ratio	Lower	Upper
420642	106	100		
	91	210.7	105.1	315.1

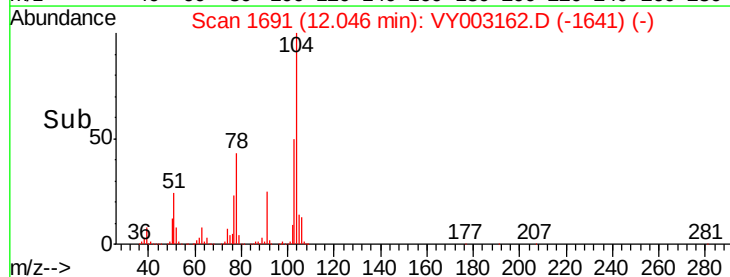
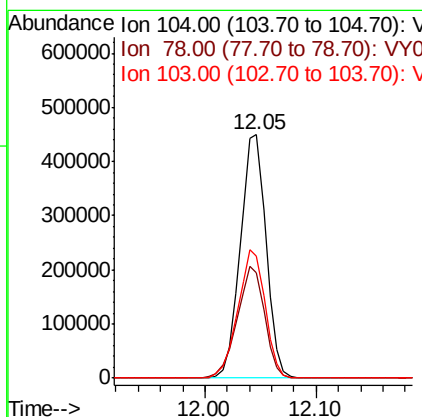
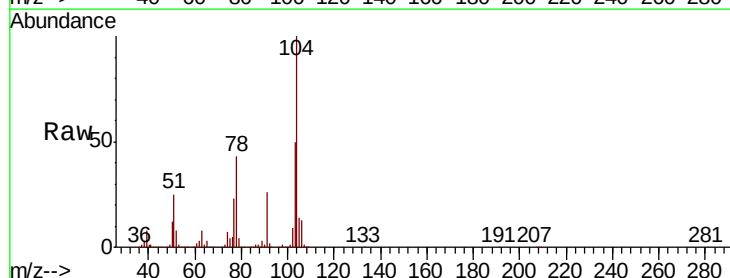
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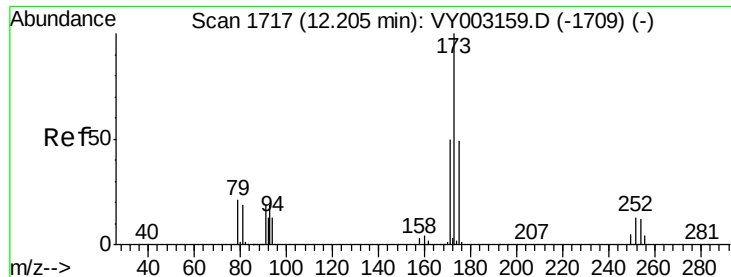
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#70
Styrene
Concen: 51.800 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY003162.D
Acq: 10 Jul 2020 13:53

Tgt Ion	Ion	Ratio	Lower	Upper
721064	104	100		
	78	48.9	38.5	57.7
	103	55.5	43.9	65.9





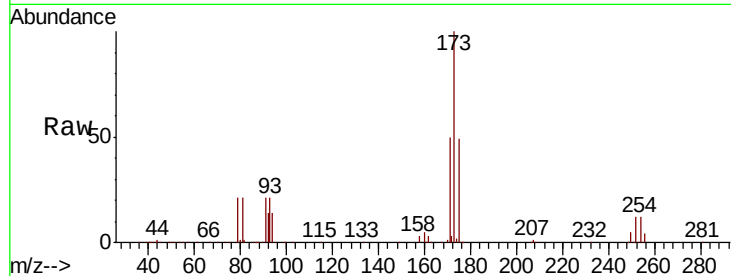
#71
Bromoform
Concen: 52.542 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VY003162.D
Acq: 10 Jul 2020 13:53

Instrument :
MSVOA_Y
ClientSampled :
ICVY071020

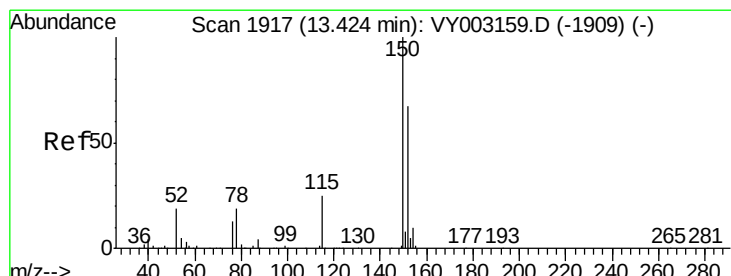
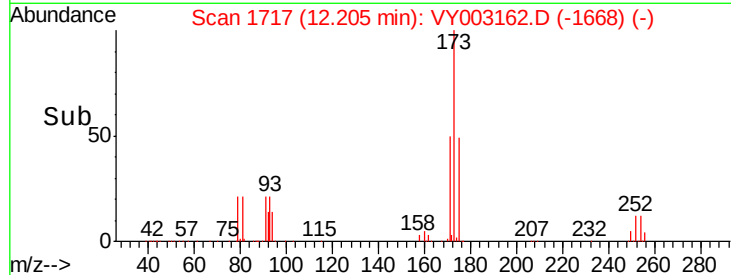
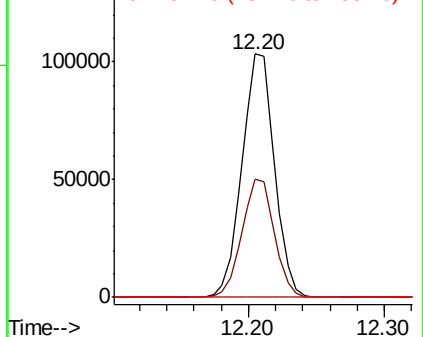
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.3	24.3	73.0
254	0.2	0.2	0.2

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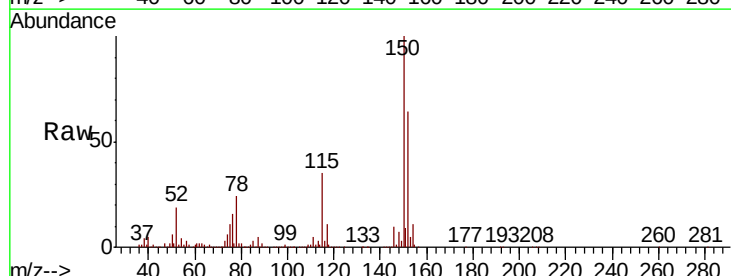


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

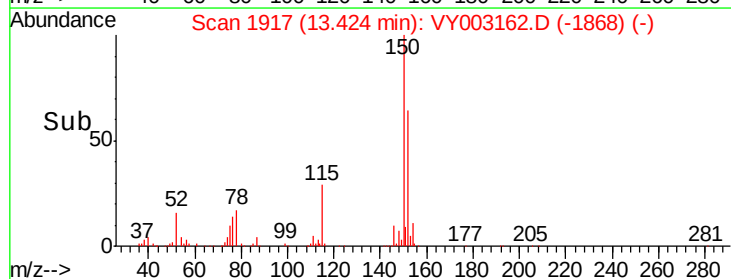
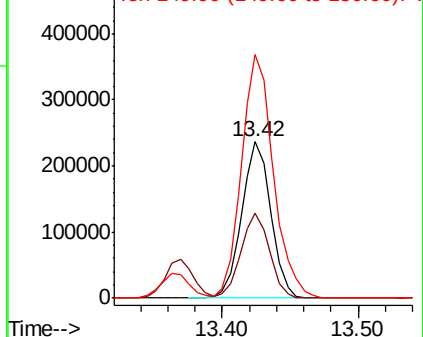


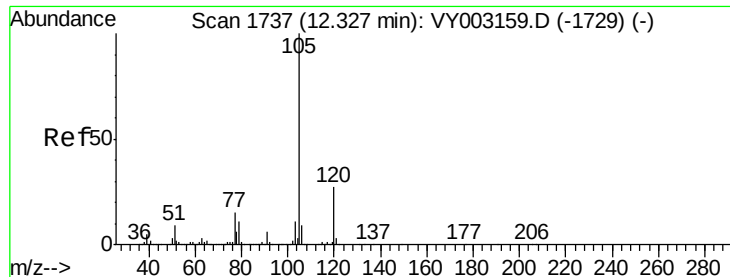
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY003162.D
Acq: 10 Jul 2020 13:53

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.3	26.9	80.7
150	170.9	0.0	338.0



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: 51.200 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY003162.D

Acq: 10 Jul 2020 13:53

Instrument :

MSVOA_Y

ClientSampleId :

ICVY071020

Tot Ion:105 Resp: 1148487

Ion Ratio Lower Upper

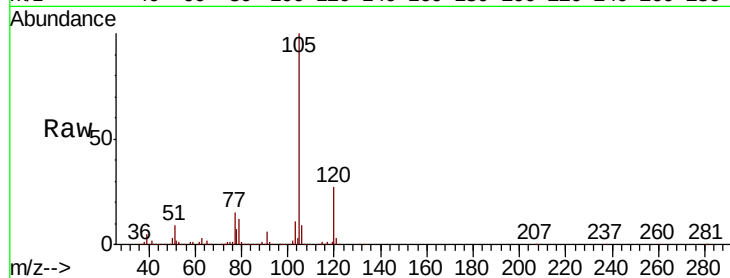
105 100

120 26.8 13.4 40.2

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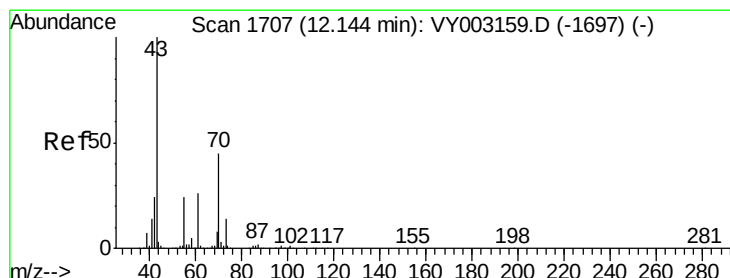
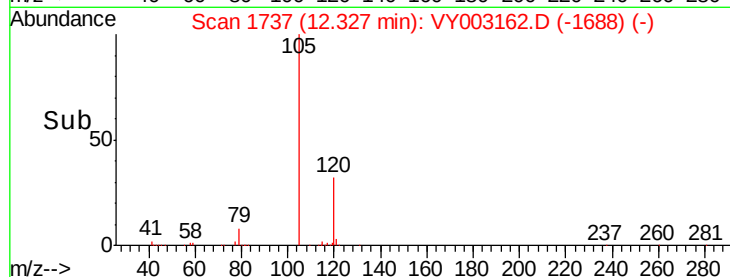
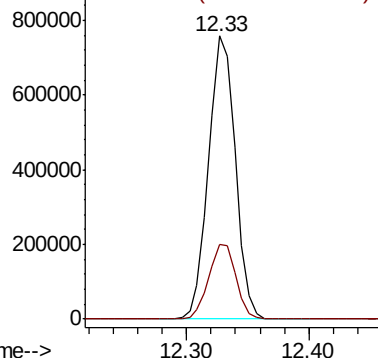
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 54.526 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY003162.D

Acq: 10 Jul 2020 13:53

Tgt Ion: 43 Resp: 343183

Ion Ratio Lower Upper

43 100

70 44.9 35.6 53.4

55 23.8 19.4 29.2

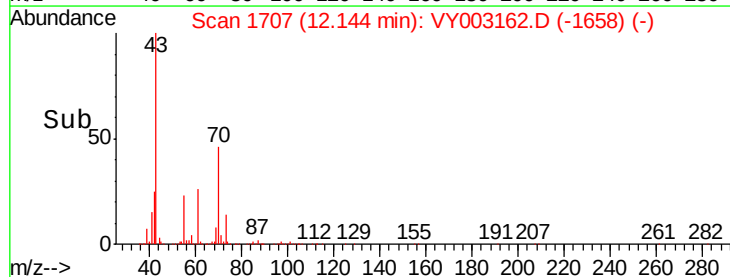
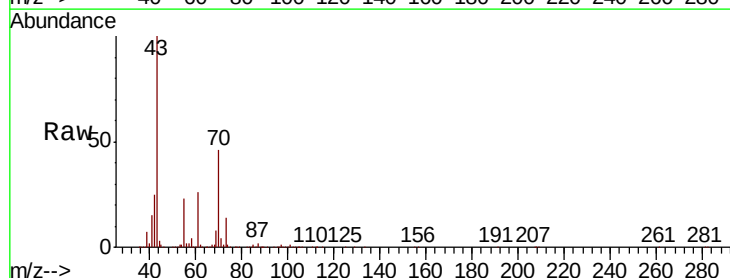
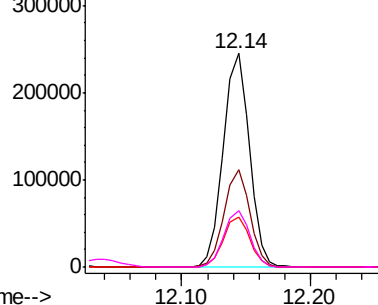
61 26.2 20.8 31.2

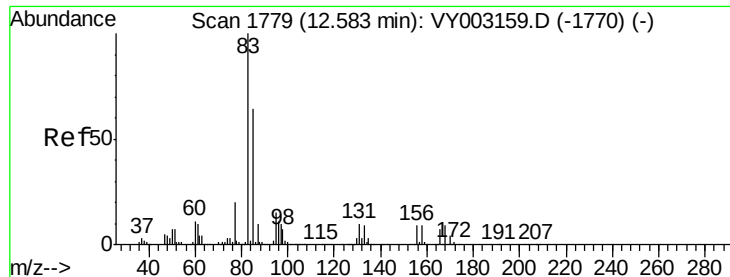
Abundance Ion 43.00 (42.70 to 43.70): VY0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 51.769 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY003162.D

Acq: 10 Jul 2020 13:53

Instrument :

MSVOA_Y

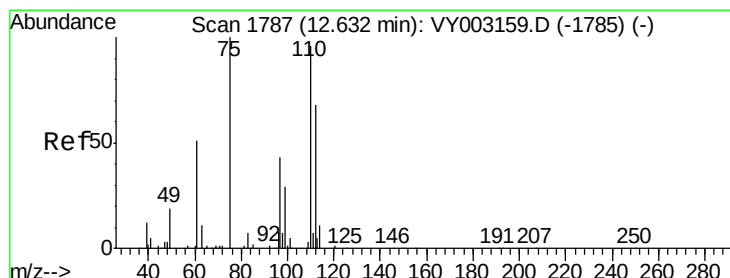
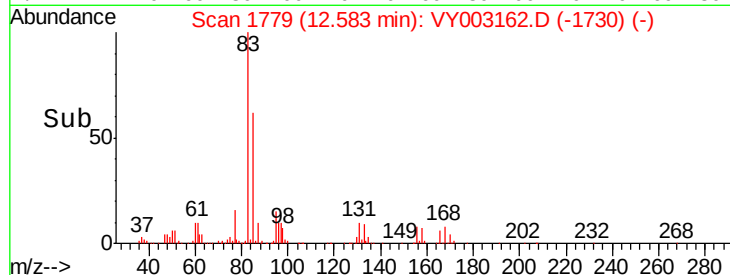
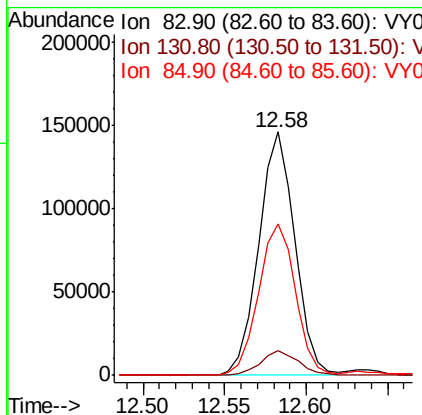
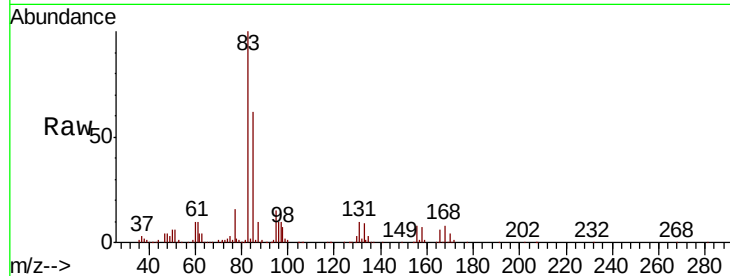
ClientSampleId :

ICVY071020

Tot Ion:	83	Resp:	224276
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.2	15.6
85	63.7	32.0	96.0

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#76

1,2,3-Trichloropropane

Concen: 53.682 ug/l m

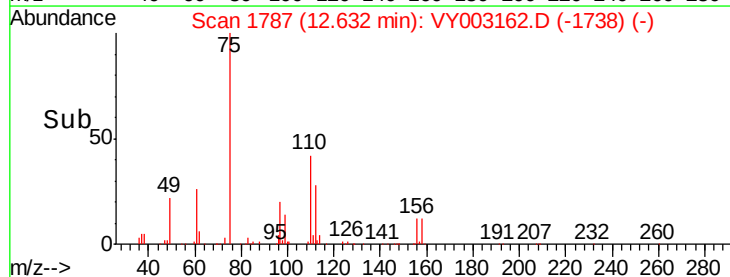
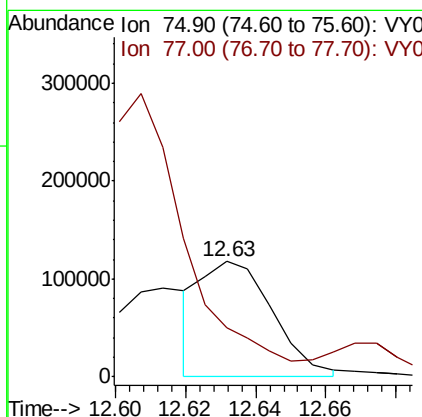
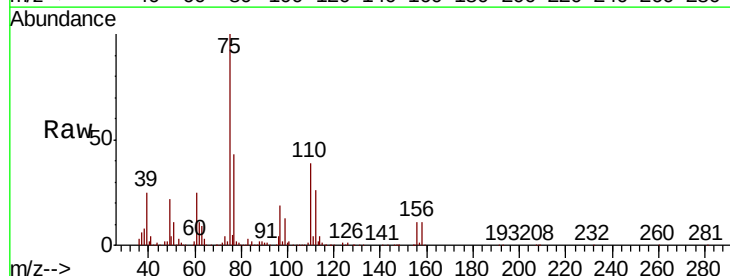
RT: 12.63 min Scan# 1787

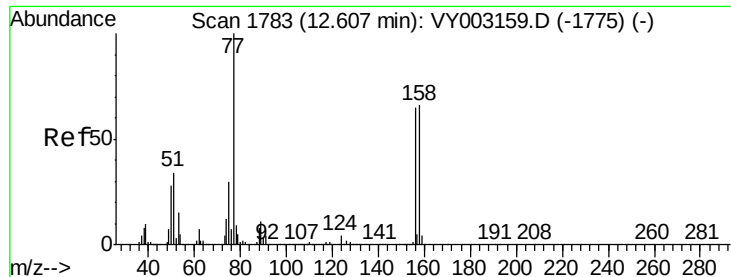
Delta R.T. 0.00 min

Lab File: VY003162.D

Acq: 10 Jul 2020 13:53

Tgt Ion:	75	Resp:	167258
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 51.184 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY003162.D

Acq: 10 Jul 2020 13:53

Instrument :

MSVOA_Y

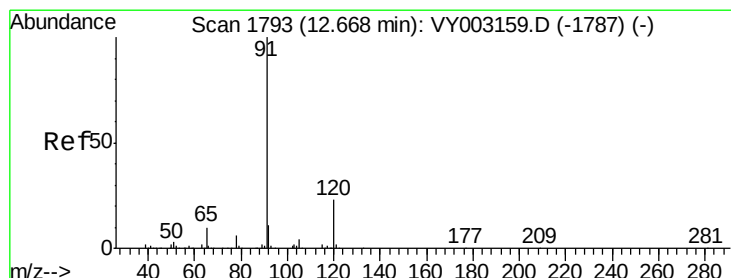
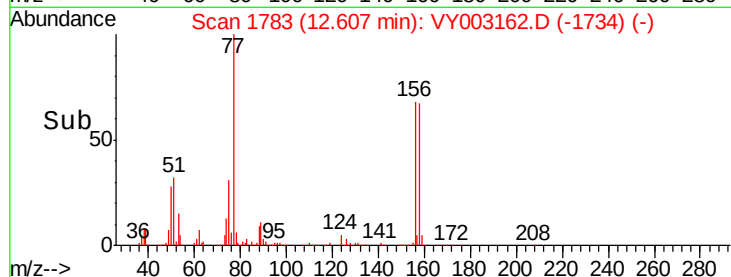
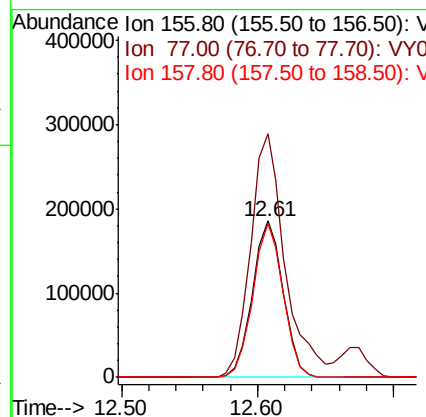
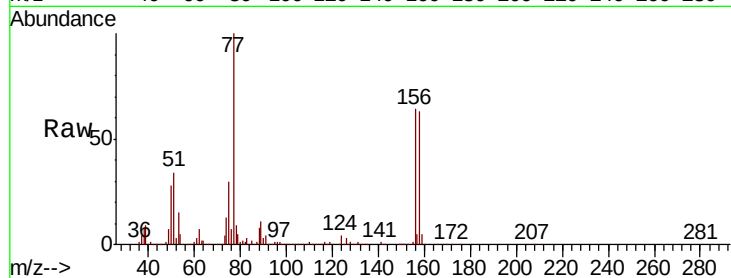
ClientSampleId :

ICVY071020

Tot Ion:	156	Resp:	292657
Ion Ratio	Lower	Upper	
156	100		
77	174.6	86.6	259.7
158	97.3	49.4	148.0

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#78

n-propylbenzene

Concen: 51.706 ug/l

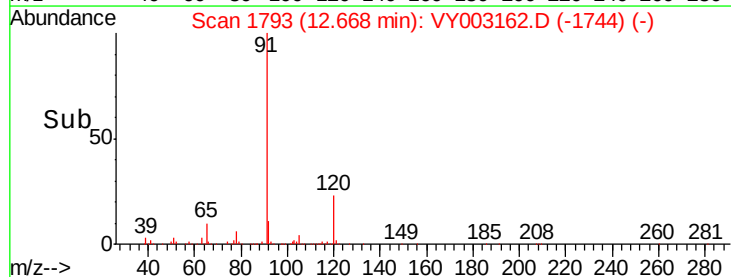
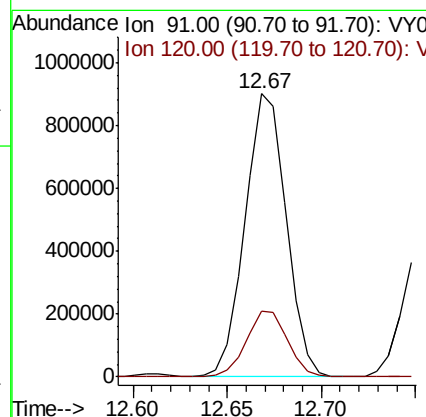
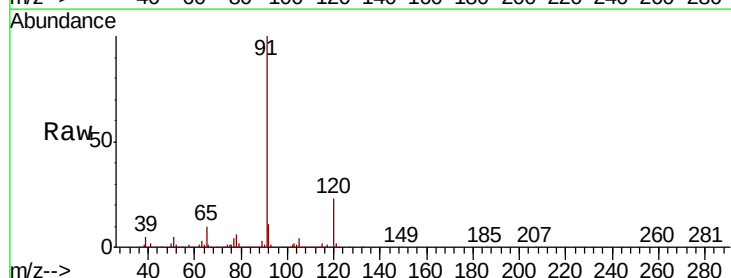
RT: 12.67 min Scan# 1793

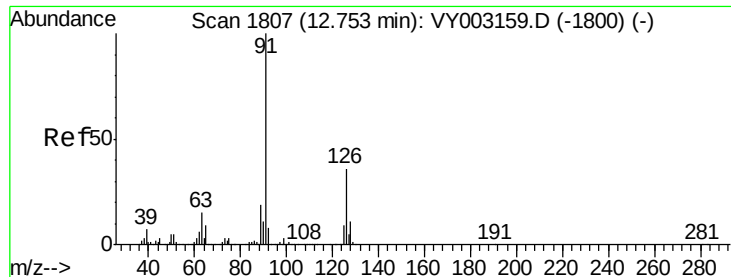
Delta R.T. 0.00 min

Lab File: VY003162.D

Acq: 10 Jul 2020 13:53

Tgt Ion:	91	Resp:	1367144
Ion Ratio	Lower	Upper	
91	100		
120	23.2	11.7	35.1





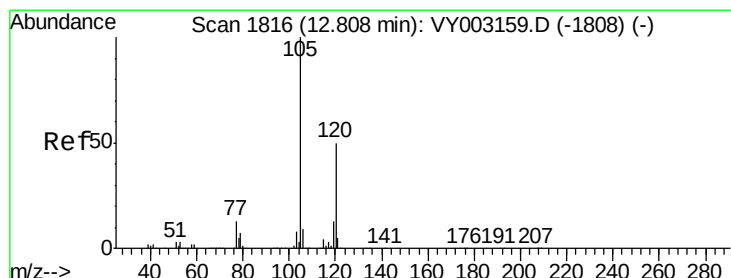
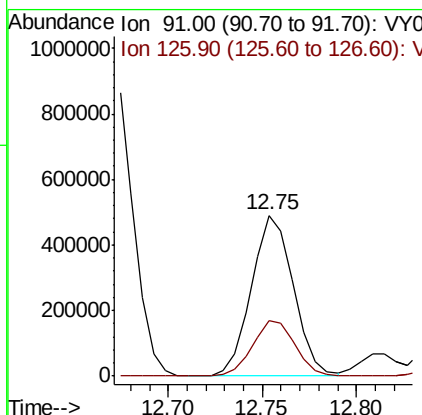
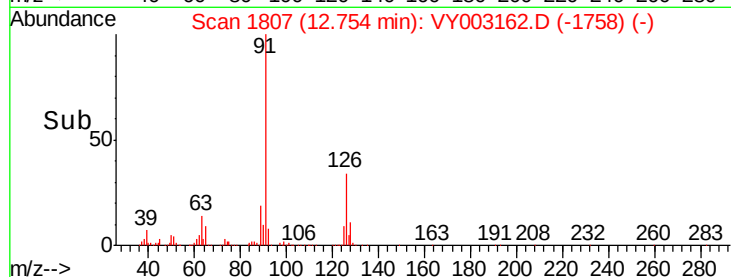
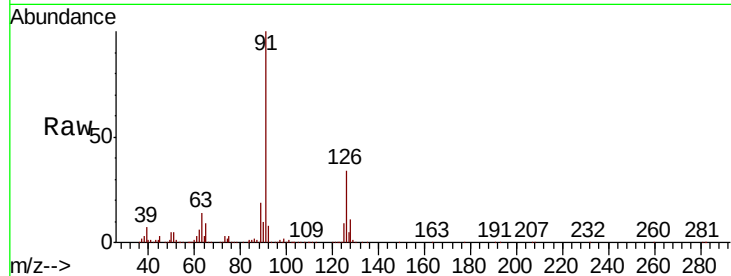
#79
2-Chlorotoluene
Concen: 51.249 ug/l
RT: 12.75 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VY003162.D
Acq: 10 Jul 2020 13:53

Instrument :
MSVOA_Y
ClientSampleId :
ICVY071020

Tot Ion	Ratio	Lower	Upper
91	100		
126	35.0	17.6	52.9

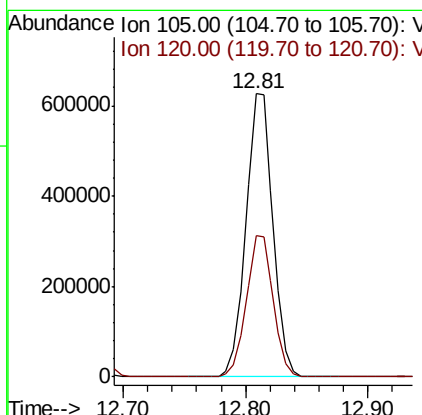
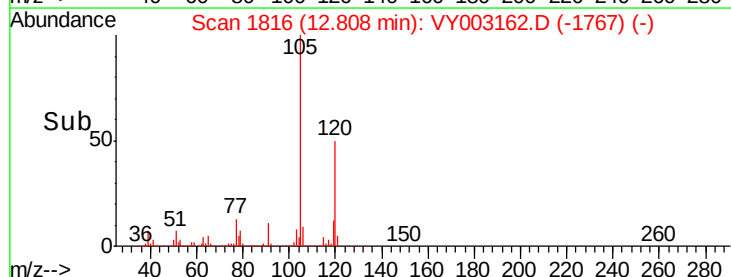
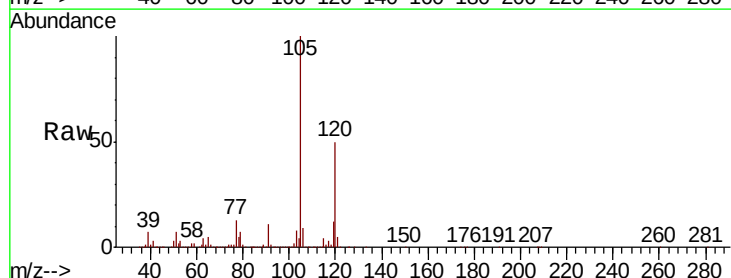
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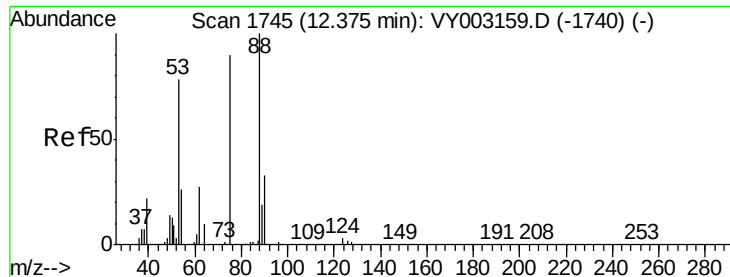
MMDadoda
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#80
1,3,5-Trimethylbenzene
Concen: 51.160 ug/l
RT: 12.81 min Scan# 1816
Delta R.T. 0.00 min
Lab File: VY003162.D
Acq: 10 Jul 2020 13:53

Tgt Ion	Ratio	Lower	Upper
105	100		
120	49.7	24.9	74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 53.233 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY003162.D

Acq: 10 Jul 2020 13:53

Instrument :

MSVOA_Y

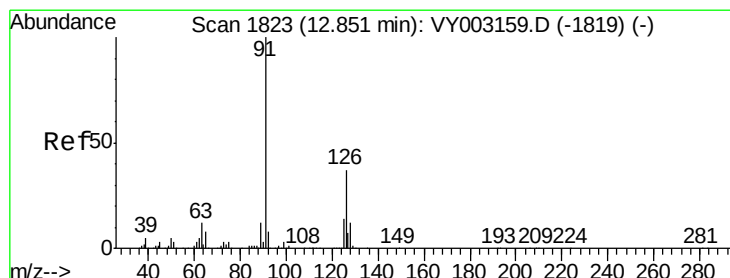
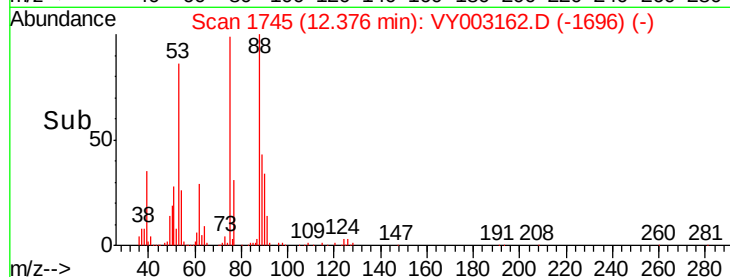
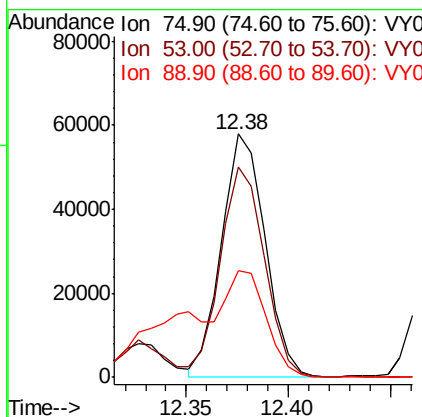
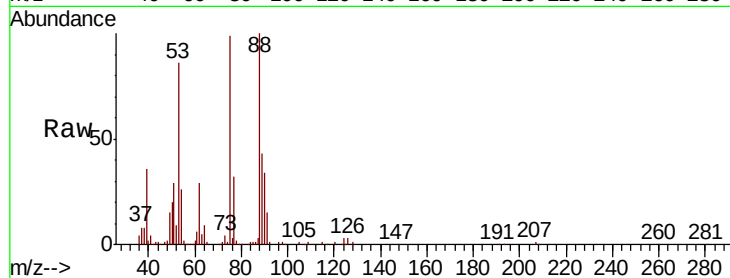
ClientSampleId :

ICVY071020

Tot Ion:	75	Resp:	85222
Ion	Ratio	Lower	Upper
75	100		
53	88.8	72.0	108.0
89	46.7	37.3	55.9

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#82

4-Chlorotoluene

Concen: 51.609 ug/l

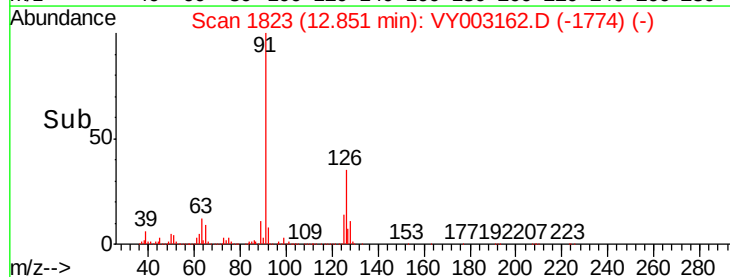
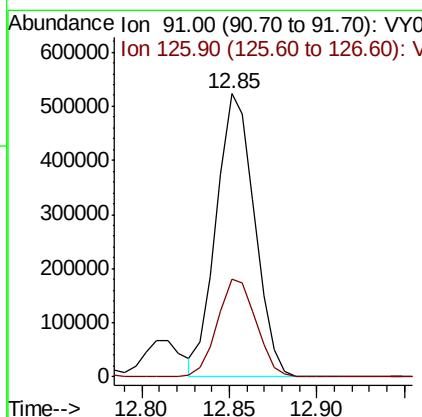
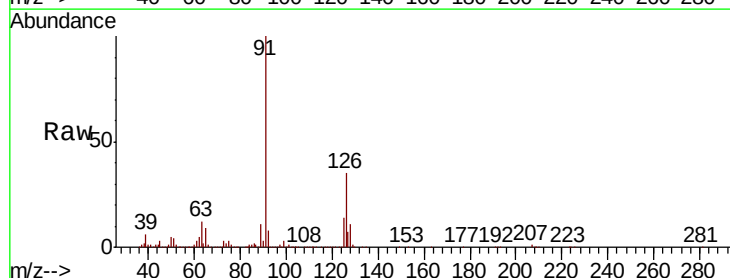
RT: 12.85 min Scan# 1823

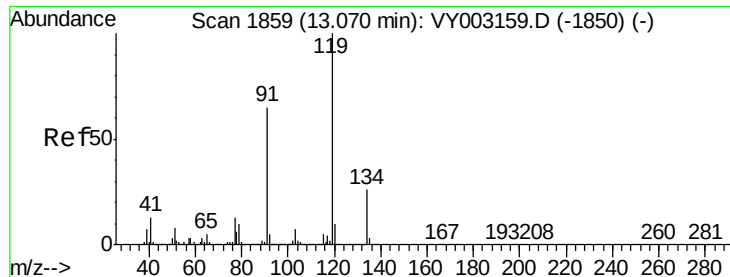
Delta R.T. 0.00 min

Lab File: VY003162.D

Acq: 10 Jul 2020 13:53

Tgt Ion:	91	Resp:	794657
Ion	Ratio	Lower	Upper
91	100		
126	35.1	17.9	53.7





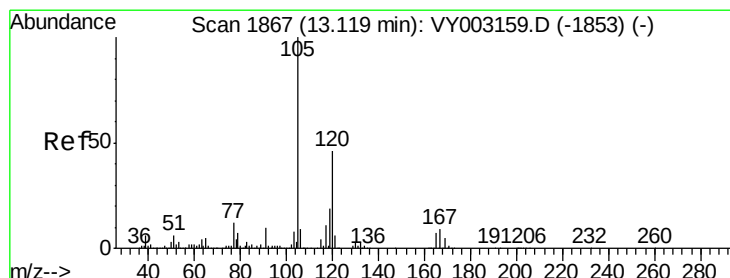
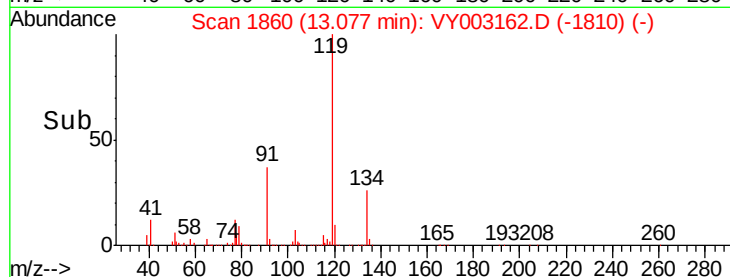
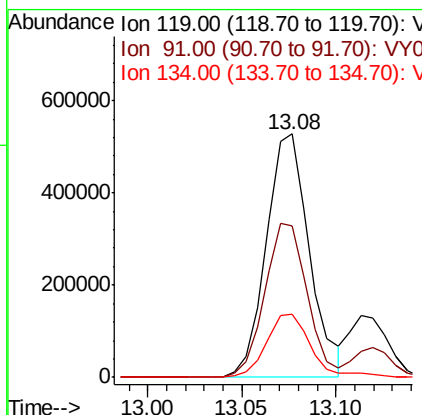
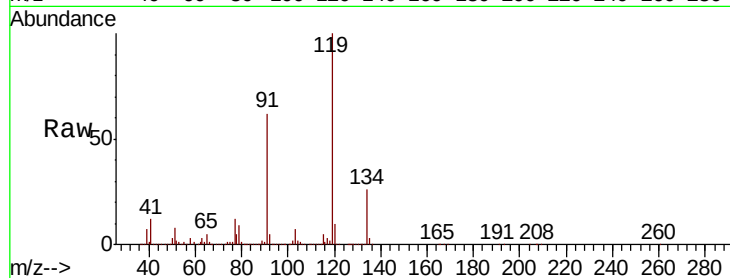
#83
tert-Butylbenzene
Concen: 50.918 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. 0.01 min
Lab File: VY003162.D
Acq: 10 Jul 2020 13:53

Instrument :
MSVOA_Y
ClientSampleId :
ICVY071020

Tot Ion	Ratio	Lower	Upper
119	100		
91	62.1	30.8	92.4
134	26.8	13.2	39.6

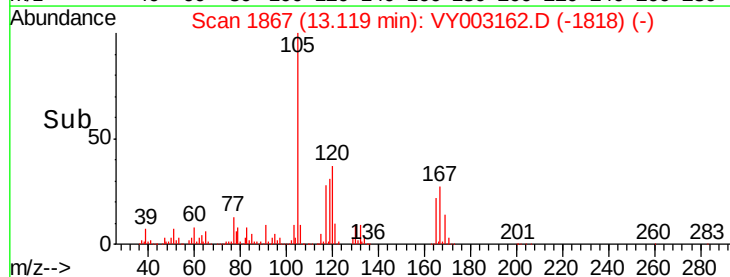
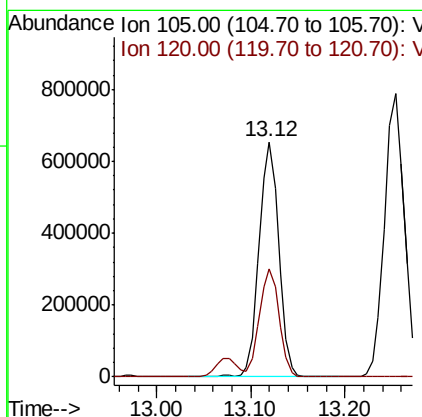
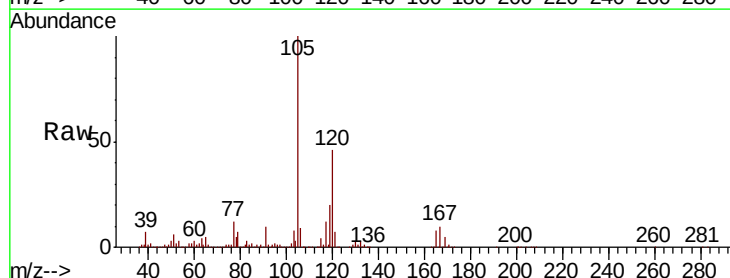
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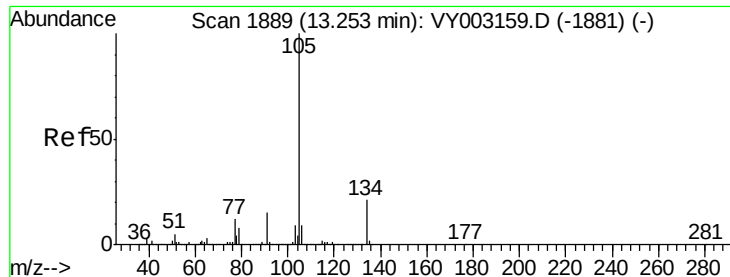
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#84
1,2,4-Trimethylbenzene
Concen: 51.163 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY003162.D
Acq: 10 Jul 2020 13:53

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.6	22.5	67.5





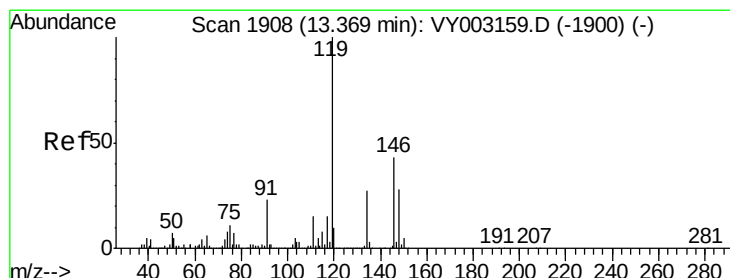
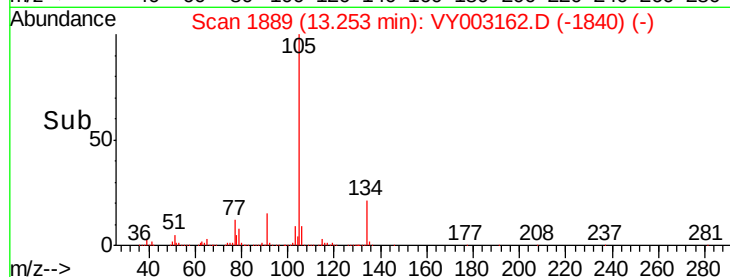
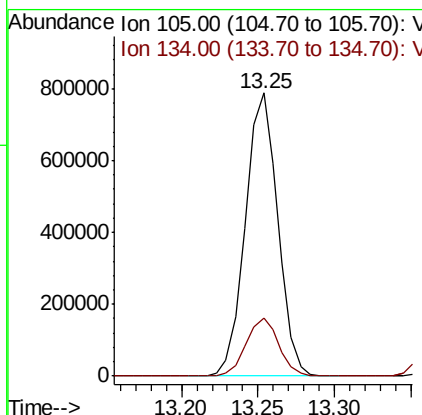
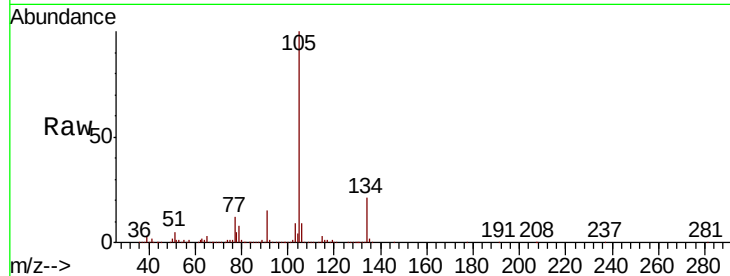
#85
 sec-Butylbenzene
 Concen: 51.025 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VY003162.D
 Acq: 10 Jul 2020 13:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY071020

Tot Ion:105 Resp: 1156883
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.4 31.4

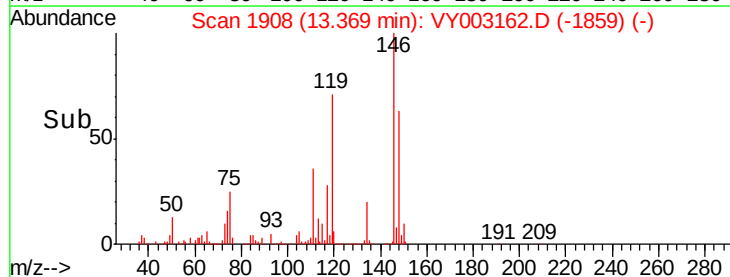
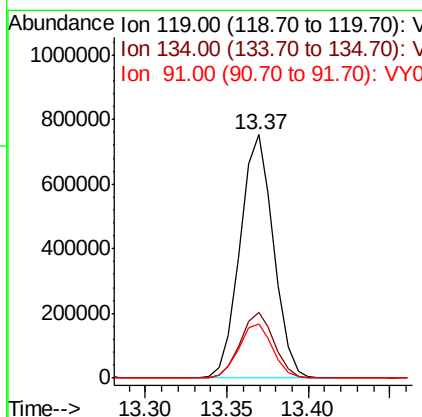
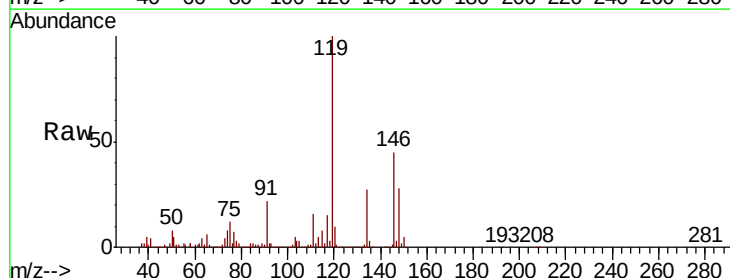
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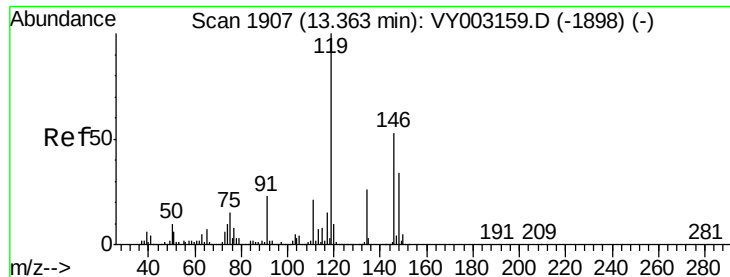
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#86
 p-Isopropyltoluene
 Concen: 50.764 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.00 min
 Lab File: VY003162.D
 Acq: 10 Jul 2020 13:53

Tgt Ion:119 Resp: 1074671
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.4 40.2
 91 22.5 11.2 33.6





#87

1,3-Dichlorobenzene

Concen: 50.577 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VY003162.D

Acq: 10 Jul 2020 13:53

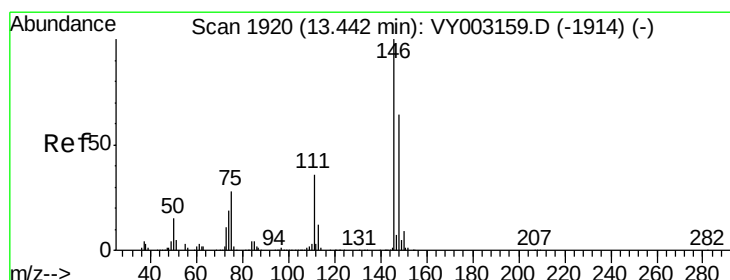
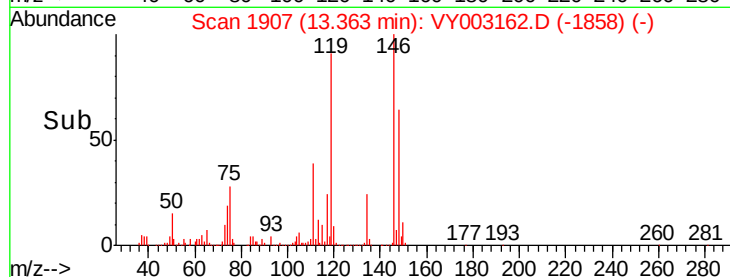
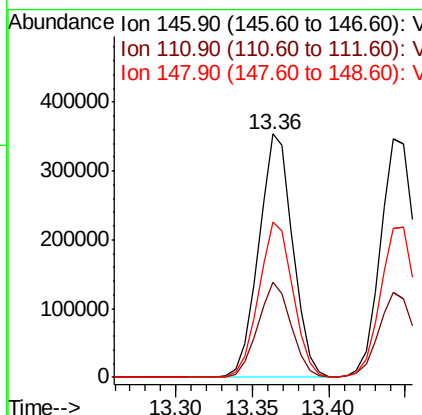
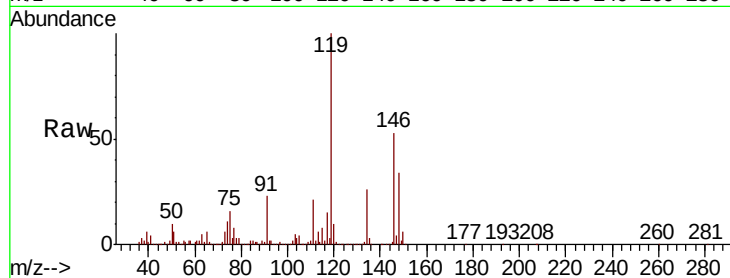
Instrument :
MSVOA_Y

ClientSampleId :
ICVVY071020

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.8	56.3
148	64.2	32.3	96.9

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#88

1,4-Dichlorobenzene

Concen: 50.989 ug/l

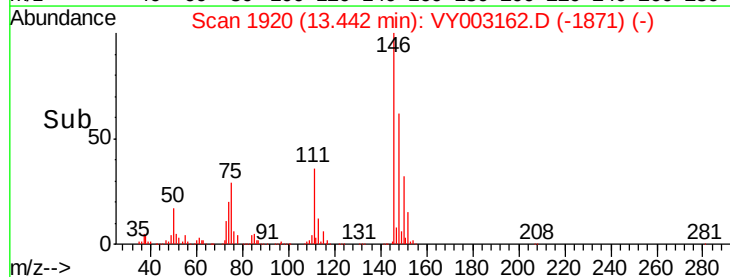
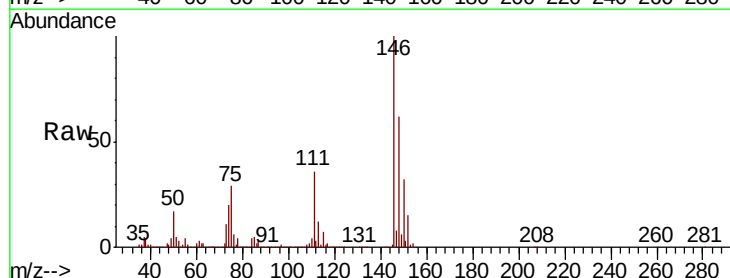
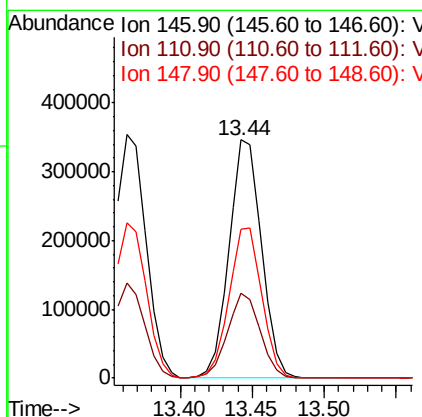
RT: 13.44 min Scan# 1920

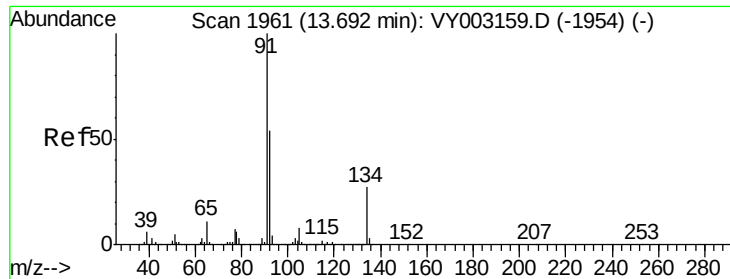
Delta R.T. 0.00 min

Lab File: VY003162.D

Acq: 10 Jul 2020 13:53

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.8	18.4	55.0
148	63.6	32.0	96.0





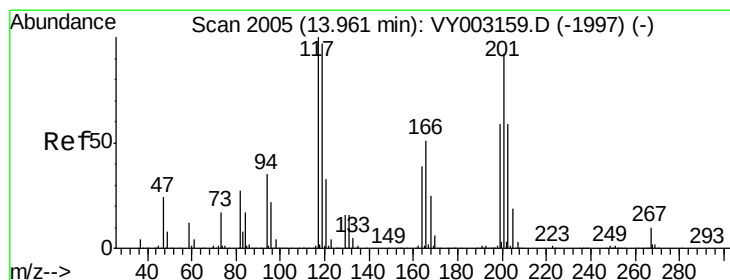
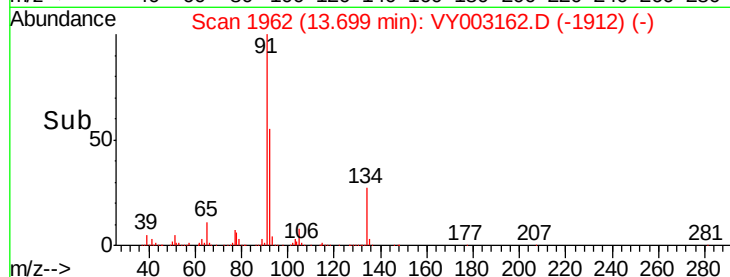
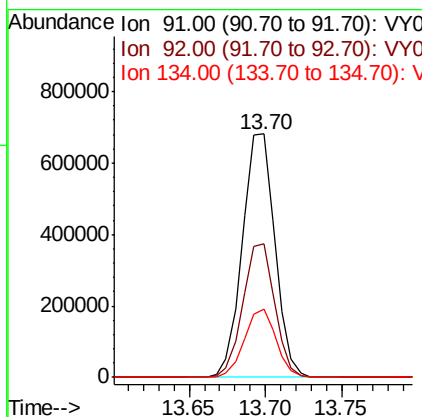
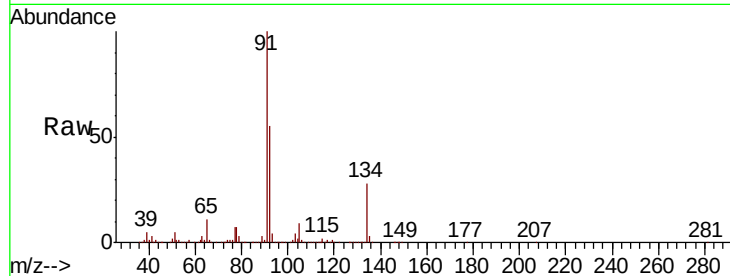
#89
n-Butylbenzene
Concen: 50.602 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY003162.D
Acq: 10 Jul 2020 13:53

Instrument :
MSVOA_Y
ClientSampleId :
ICVY071020

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.8	26.9	80.7
134	27.2	13.6	40.7

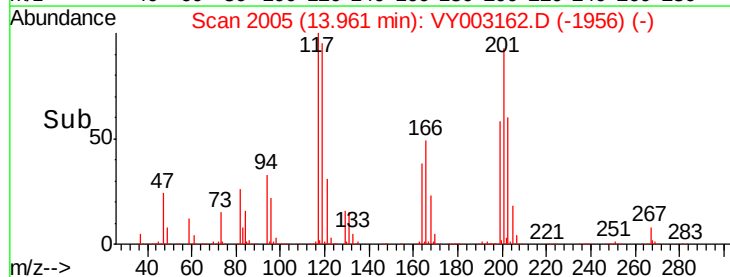
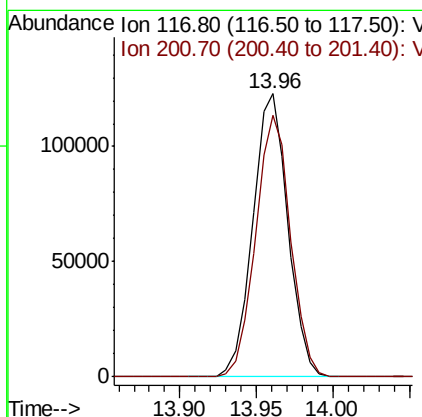
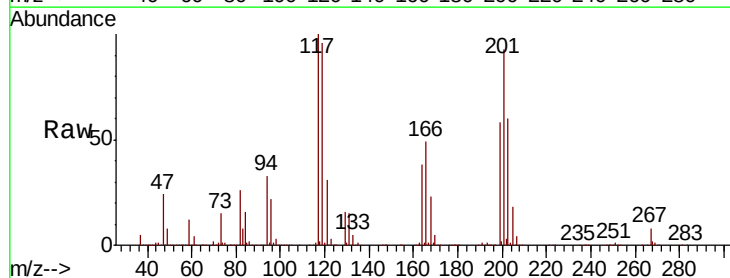
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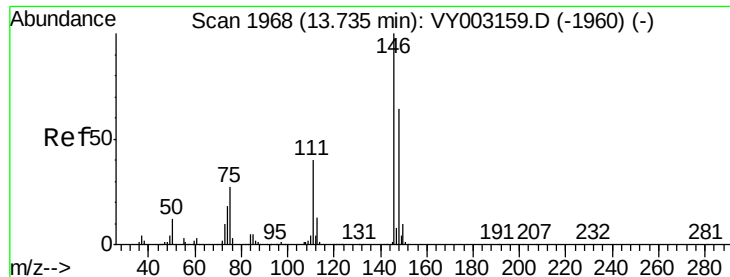
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#90
Hexachloroethane
Concen: 50.780 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY003162.D
Acq: 10 Jul 2020 13:53

Tgt Ion	Ratio	Lower	Upper
117	100		
201	92.2	45.1	135.3





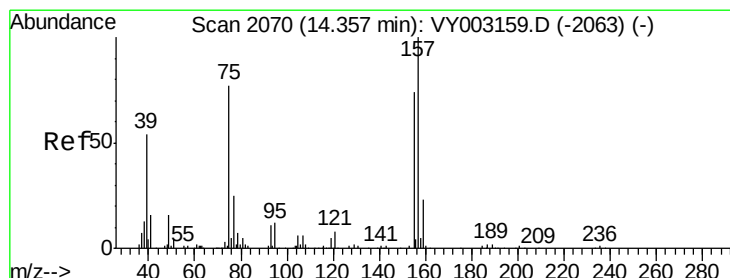
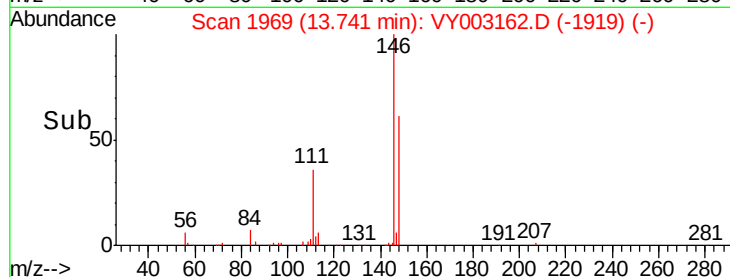
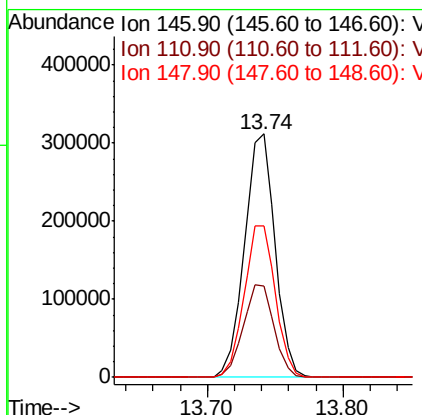
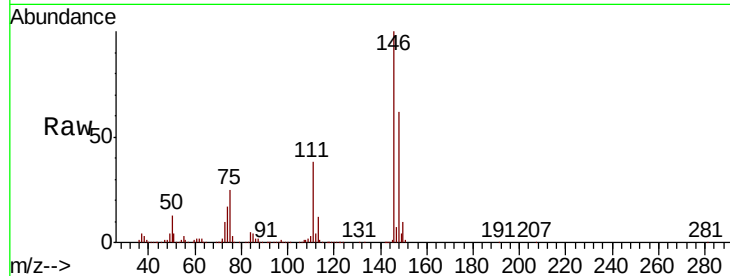
#91
 1,2-Dichlorobenzene
 Concen: 51.586 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.01 min
 Lab File: VY003162.D
 Acq: 10 Jul 2020 13:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY071020

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.6	58.8
148	63.7	32.4	97.0

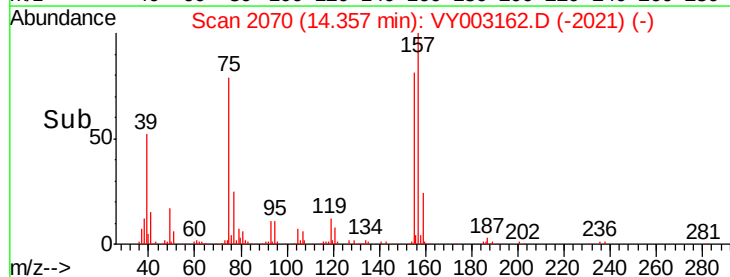
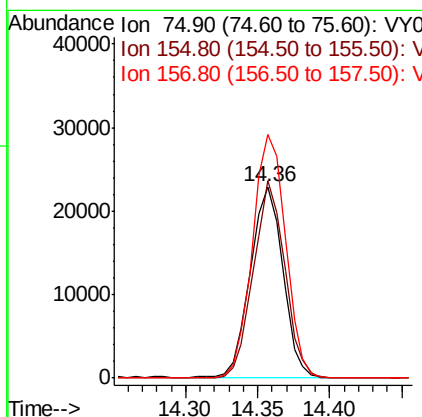
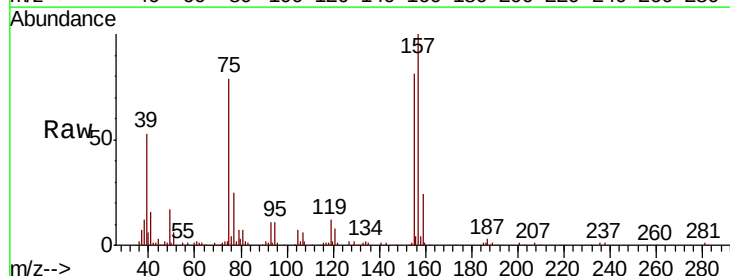
Manual Integrations
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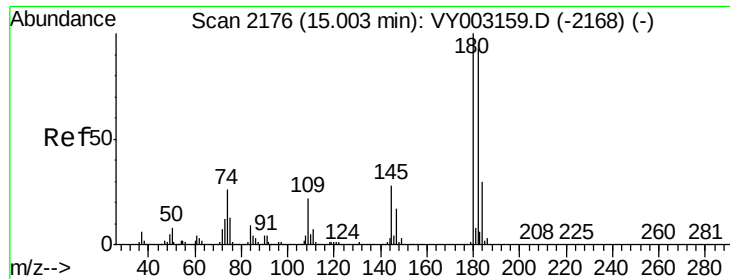
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.374 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY003162.D
 Acq: 10 Jul 2020 13:53

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.3	48.1	144.3
157	128.2	61.9	185.6





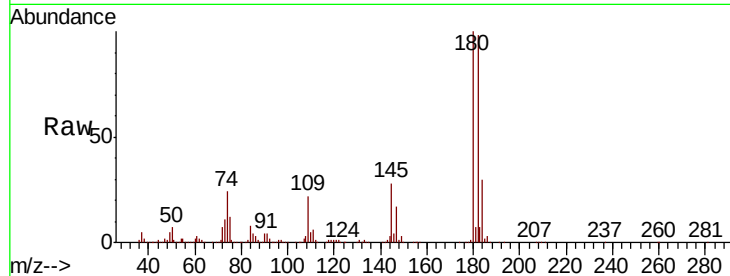
#93
 1,2,4-Trichlorobenzene
 Concen: 51.135 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.01 min
 Lab File: VY003162.D
 Acq: 10 Jul 2020 13:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY071020

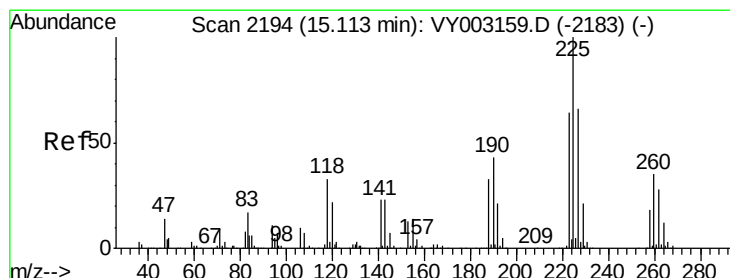
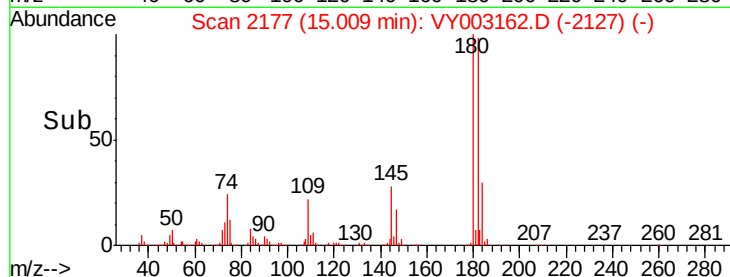
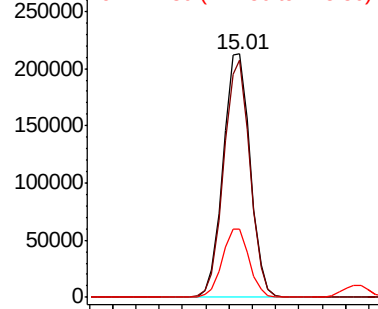
Tot Ion	Ratio	Resp	Lower	Upper
180	100	345182		
182	94.5	47.3	142.0	
145	27.9	13.7	41.1	

Manual Integrations
 APPROVED

MMDadoda
 7/13/2020 10:47:45 AM

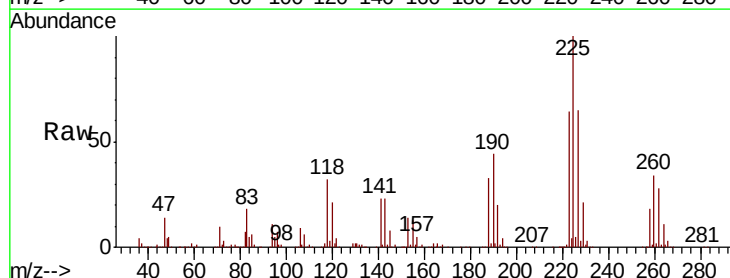


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

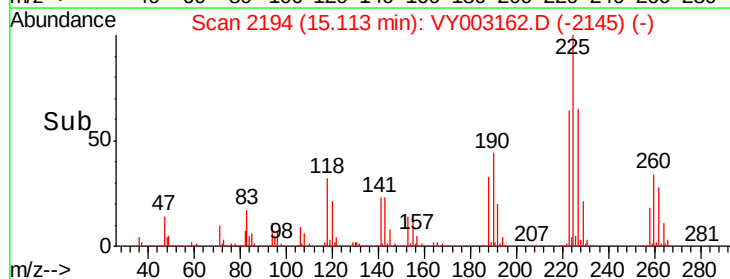
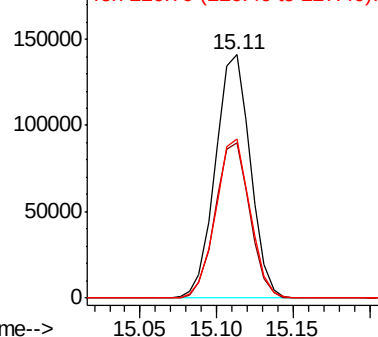


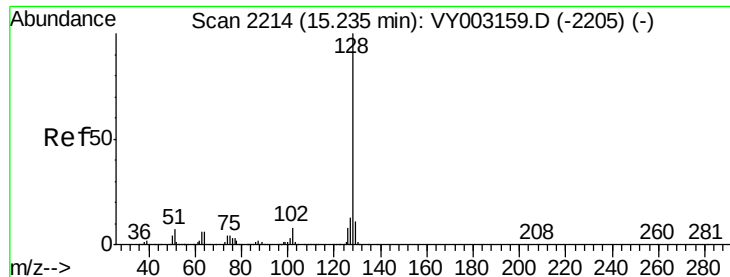
#94
 Hexachlorobutadiene
 Concen: 48.324 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY003162.D
 Acq: 10 Jul 2020 13:53

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	223520		
223	63.1	31.6	94.7	
227	64.6	32.3	96.8	



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





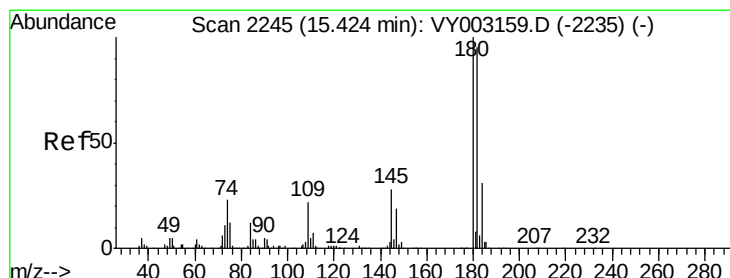
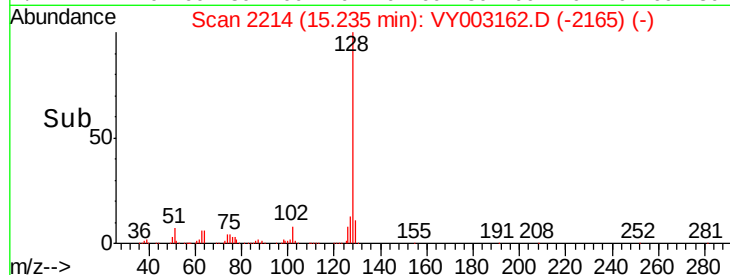
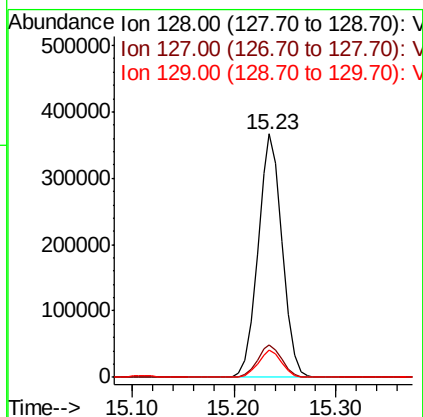
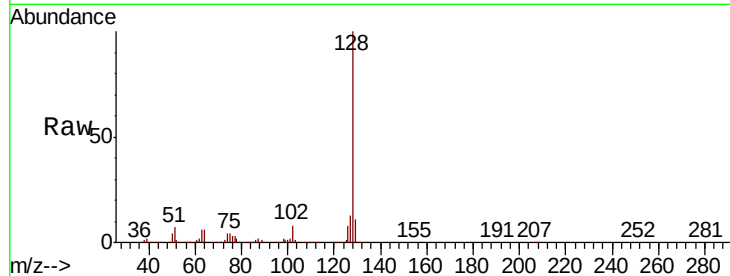
#95
Naphthalene
Concen: 53.987 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY003162.D
Acq: 10 Jul 2020 13:53

Instrument :
MSVOA_Y
ClientSampleId :
ICVY071020

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.9	16.3
129	10.9	9.0	13.6

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 51.618 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY003162.D
Acq: 10 Jul 2020 13:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	48.8	146.3
145	29.7	14.9	44.5

