

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY071020\
 Data File : VY003158.D
 Acq On : 10 Jul 2020 11:53
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 7/13/2020 10:47:35 AM

Quant Time: Jul 10 13:01:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 12:43:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	485568	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	705779	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	649672	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	345172	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	84656	18.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	36.52%	
35) Dibromofluoromethane	7.72	113	82385	19.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.40%	
50) Toluene-d8	10.18	98	309738	19.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.92%	
62) 4-Bromofluorobenzene	12.48	95	109739	19.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	83061	23.324	ug/l	97
3) Chloromethane	2.12	50	106151	20.056	ug/l	99
4) Vinyl Chloride	2.26	62	107914	21.013	ug/l	98
5) Bromomethane	2.63	94	79354	22.443	ug/l	96
6) Chloroethane	2.79	64	70575	21.451	ug/l	98
7) Trichlorofluoromethane	3.13	101	151731	20.899	ug/l	98
8) Diethyl Ether	3.54	74	49918	20.082	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.90	101	90276	20.747	ug/l	99
10) Methyl Iodide	4.10	142	93726	17.651	ug/l	99
11) Tert butyl alcohol	4.96	59	46305	97.466	ug/l	99
12) 1,1-Dichloroethene	3.88	96	85605	20.678	ug/l	95
13) Acrolein	3.74	56	41149	96.010	ug/l	99
14) Allyl chloride	4.49	41	125228	17.657	ug/l	99
15) Acrylonitrile	5.18	53	118671	93.736	ug/l	99
16) Acetone	3.95	43	94656	87.307	ug/l	100
17) Carbon Disulfide	4.20	76	263458	20.034	ug/l	98
18) Methyl Acetate	4.48	43	52136	17.698	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	236981	19.781	ug/l	99
20) Methylene Chloride	4.72	84	114106	18.229	ug/l	92
21) trans-1,2-Dichloroethene	5.22	96	96380	20.494	ug/l	99
22) Diisopropyl ether	6.13	45	276996	18.117	ug/l	97
23) Vinyl Acetate	6.07	43	917194	90.144	ug/l	100
24) 1,1-Dichloroethane	6.02	63	161745	19.229	ug/l	99
25) 2-Butanone	6.99	43	154355	89.082	ug/l	96
26) 2,2-Dichloropropane	6.99	77	146280	19.148	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	104690	19.888	ug/l	99
28) Bromochloromethane	7.34	49	70479	19.090	ug/l	97
29) Tetrahydrofuran	7.35	42	105856	91.705	ug/l	99
30) Chloroform	7.52	83	165702	19.795	ug/l	98
31) Cyclohexane	7.79	56	155594	18.795	ug/l	92
32) 1,1,1-Trichloroethane	7.71	97	149534	19.610	ug/l	100
36) 1,1-Dichloropropene	7.92	75	132912	19.880	ug/l	100
37) Ethyl Acetate	7.08	43	71543	18.166	ug/l	100
38) Carbon Tetrachloride	7.91	117	137963	19.826	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	168733	20.356	ug/l	96
40) Benzene	8.17	78	367701	20.079	ug/l	98
41) Methacrylonitrile	7.33	41	43983m	20.957	ug/l	
42) 1,2-Dichloroethane	8.24	62	113557	19.735	ug/l	99
43) Isopropyl Acetate	8.28	43	136326	18.199	ug/l	100
44) Trichloroethene	8.94	130	113308	21.107	ug/l	97
45) 1,2-Dichloropropane	9.22	63	93739	19.110	ug/l	95
46) Dibromomethane	9.31	93	55350	20.083	ug/l	99
47) Bromodichloromethane	9.50	83	132147	19.676	ug/l	100
48) Methyl methacrylate	9.30	41	60011	17.599	ug/l	98
49) 1,4-Dioxane	9.30	88	13385	393.261	ug/l	93
51) 4-Methyl-2-Pentanone	10.07	43	355168	91.550	ug/l	100
52) Toluene	10.24	92	233820	20.213	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	134794	19.176	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	155908	19.394	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	77843	20.398	ug/l	97
56) Ethyl methacrylate	10.51	69	105557	19.217	ug/l	100
57) 1,3-Dichloropropane	10.79	76	132166	19.713	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	266457	95.684	ug/l	99
59) 2-Hexanone	10.83	43	249329	92.059	ug/l	99
60) Dibromochloromethane	10.99	129	96283	19.667	ug/l	98
61) 1,2-Dibromoethane	11.09	107	77832	20.607	ug/l	100
64) Tetrachloroethene	10.72	164	122072	22.297	ug/l	99
65) Chlorobenzene	11.52	112	262015	20.701	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	99769	20.255	ug/l	99
67) Ethyl Benzene	11.59	91	460957	19.951	ug/l	100
68) m/p-Xylenes	11.70	106	350675	40.803	ug/l	100
69) o-Xylene	12.03	106	163946	20.225	ug/l	100
70) Styrene	12.04	104	280220	20.228	ug/l	99
71) Bromoform	12.20	173	65755	20.091	ug/l	# 99
73) Isopropylbenzene	12.33	105	454287	20.336	ug/l	100
74) N-amyl acetate	12.14	43	129001	18.170	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	88423	19.775	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	64284m	19.373	ug/l	
77) Bromobenzene	12.61	156	116443	20.354	ug/l	98
78) n-propylbenzene	12.67	91	542716	20.250	ug/l	100
79) 2-Chlorotoluene	12.75	91	304288	20.346	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	382676	20.438	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	31787	18.617	ug/l	98
82) 4-Chlorotoluene	12.85	91	313752	20.161	ug/l	99
83) tert-Butylbenzene	13.07	119	340540	20.692	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	387216	20.517	ug/l	99
85) sec-Butylbenzene	13.25	105	468798	20.690	ug/l	100
86) p-Isopropyltoluene	13.37	119	436362	20.758	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	221792	20.759	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	224667	21.330	ug/l	100
89) n-Butylbenzene	13.69	91	412653	20.573	ug/l	99
90) Hexachloroethane	13.96	117	77516	18.772	ug/l	98
91) 1,2-Dichlorobenzene	13.73	146	196860	20.626	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	14503	18.736	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	143899	20.427	ug/l	99
94) Hexachlorobutadiene	15.11	225	96528	21.469	ug/l	100
95) Naphthalene	15.23	128	231086	18.316	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	112111	18.659	ug/l	99

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

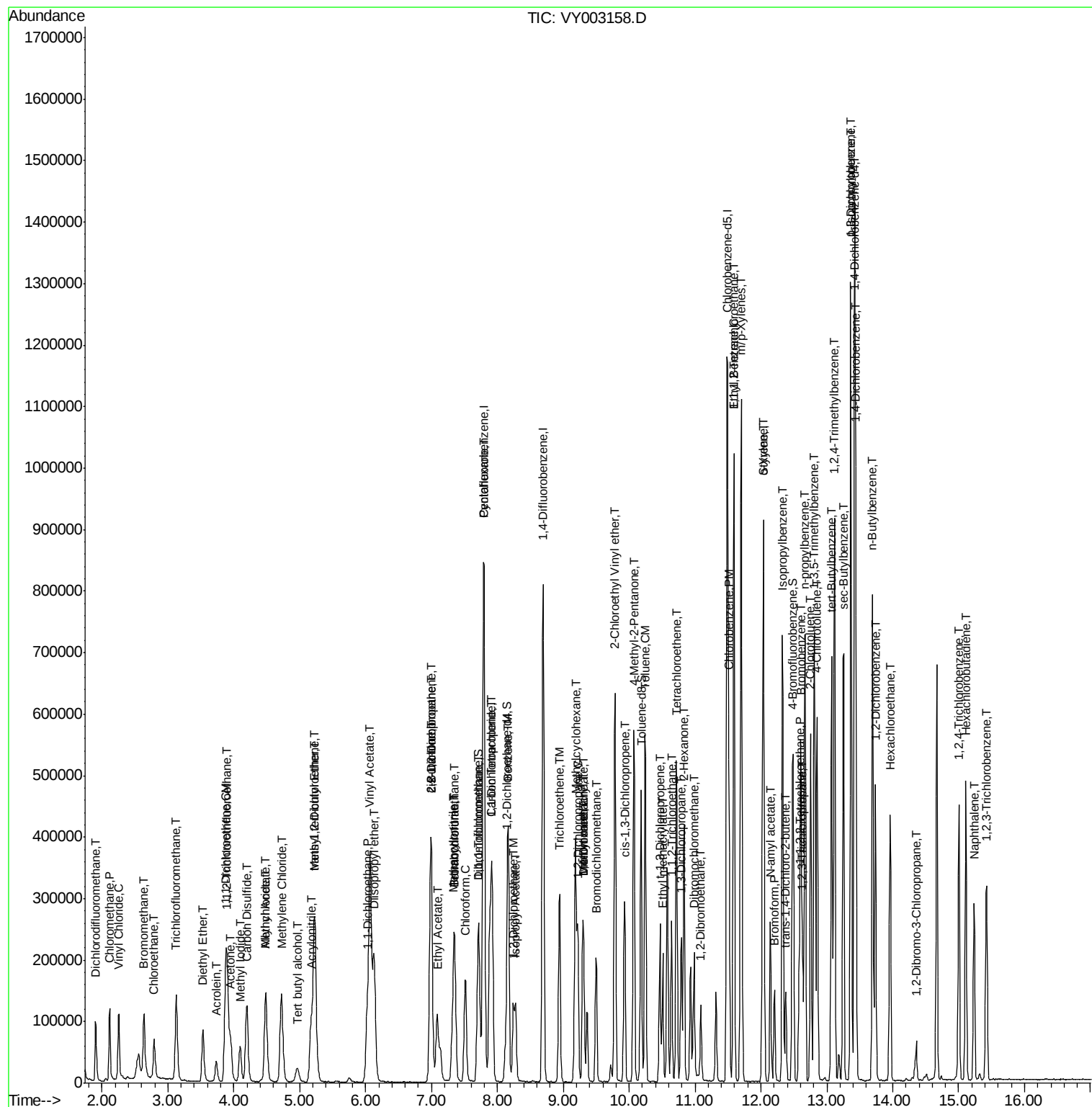
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY071020\
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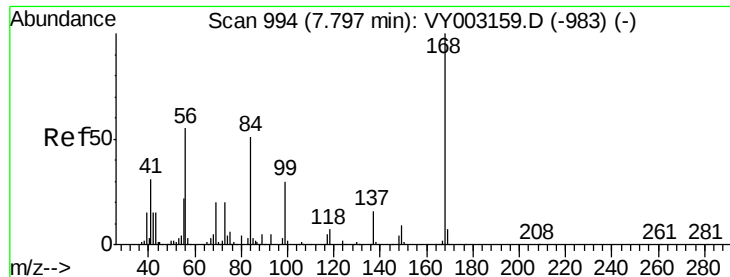
Instrument :
MSVOA_Y
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY003158.D

Acq: 10 Jul 2020 11:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tot Ion:168 Resp: 485568

Ion Ratio Lower Upper

168 100

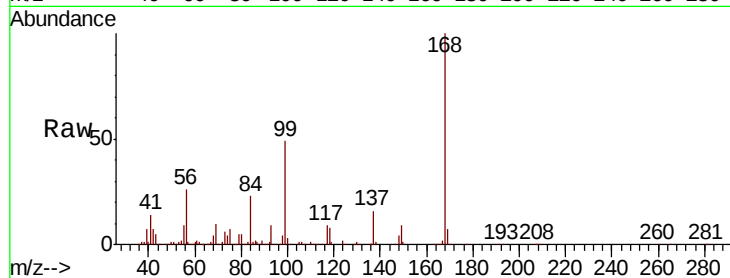
99 48.8 37.3 55.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY003158.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003158.D (-945) (-)

7.80

250000

200000

150000

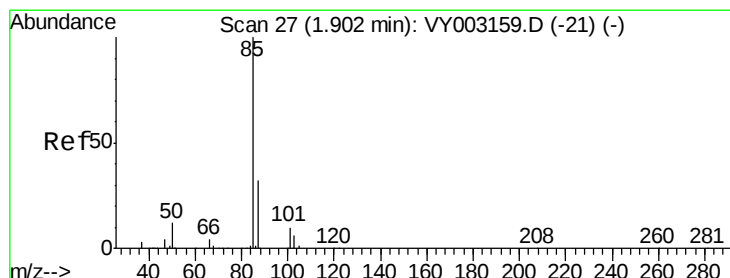
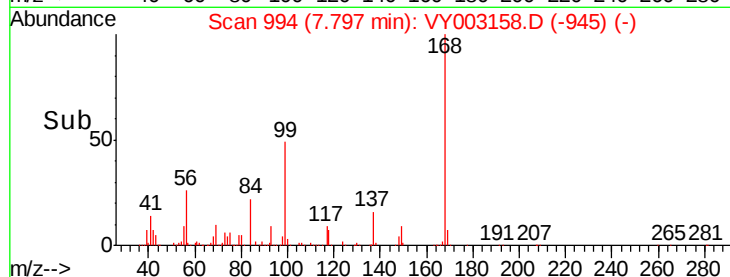
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 23.324 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY003158.D

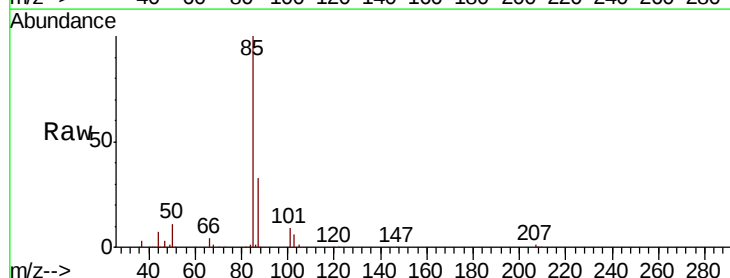
Acq: 10 Jul 2020 11:53

Tgt Ion: 85 Resp: 83061

Ion Ratio Lower Upper

85 100

87 33.3 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY003158.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY003158.D (-1) (-)

1.90

60000

50000

40000

30000

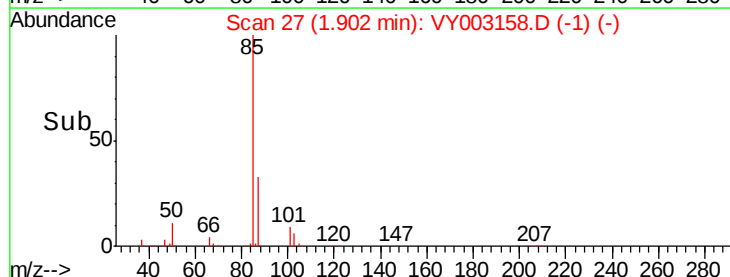
20000

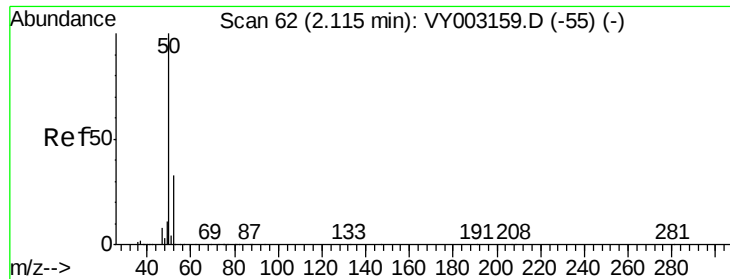
10000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 20.056 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY003158.D

Acq: 10 Jul 2020 11:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tot Ion: 50 Resp: 106151

Ion Ratio Lower Upper

50 100

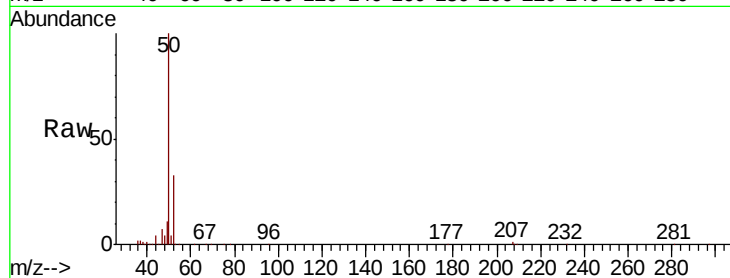
52 33.5 26.6 39.8

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0

2.12

80000

60000

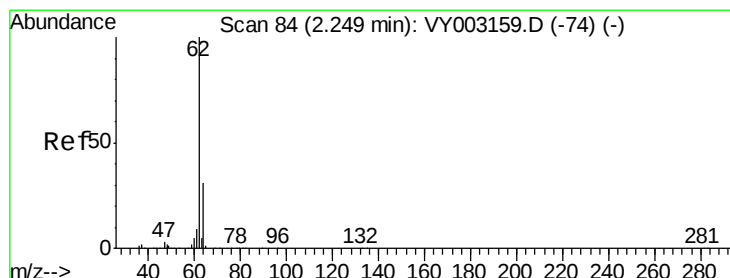
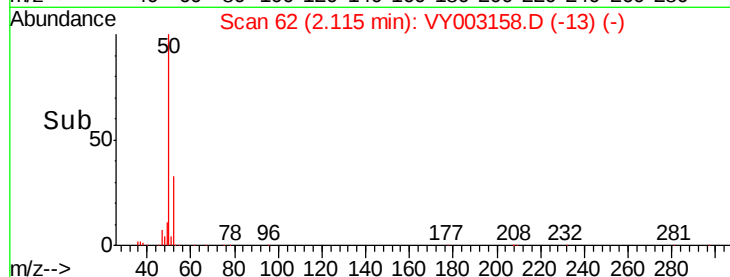
40000

20000

0

Time-->

2.05 2.10 2.15 2.20



#4

Vinyl Chloride

Concen: 21.013 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY003158.D

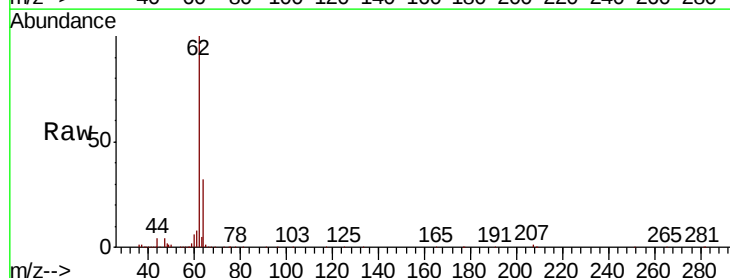
Acq: 10 Jul 2020 11:53

Tgt Ion: 62 Resp: 107914

Ion Ratio Lower Upper

62 100

64 31.7 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0

2.26

60000

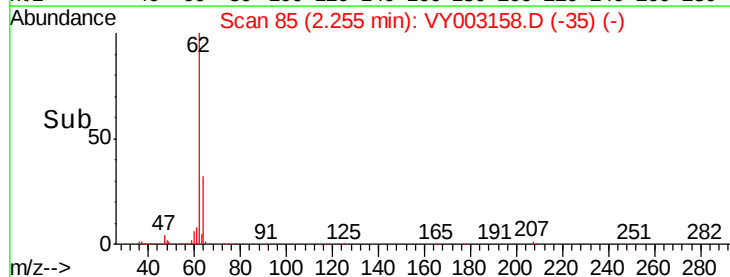
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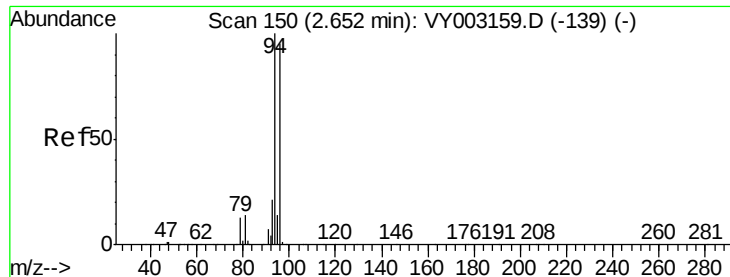
20000

0

Time-->

2.20 2.30 2.40





#5

Bromomethane

Concen: 22.443 ug/l

RT: 2.63 min Scan# 147

Delta R.T. -0.02 min

Lab File: VY003158.D

Acq: 10 Jul 2020 11:53

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 79354

Ion Ratio Lower Upper

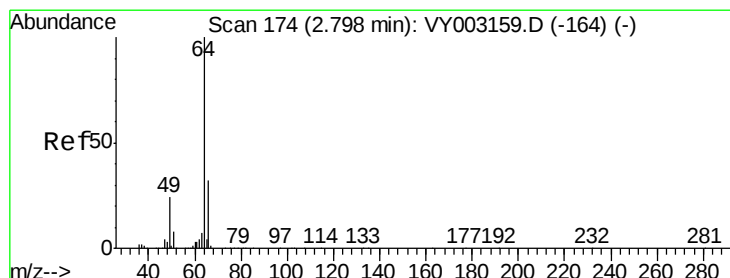
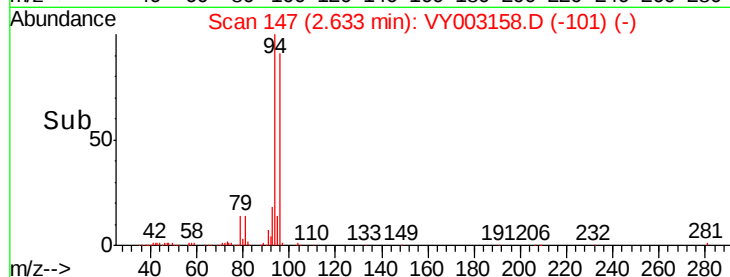
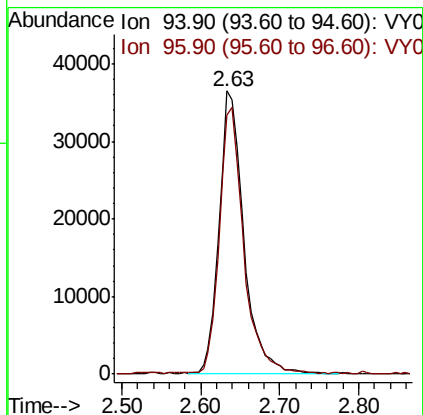
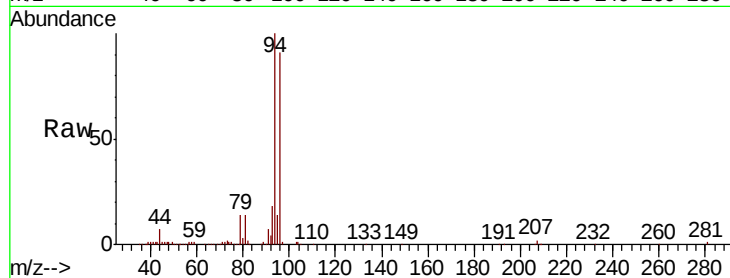
94 100

96 91.0 76.0 114.0

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7/13/2020 10:47:35 AM



#6

Chloroethane

Concen: 21.451 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.01 min

Lab File: VY003158.D

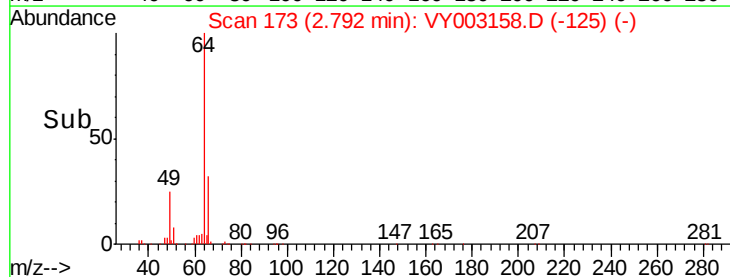
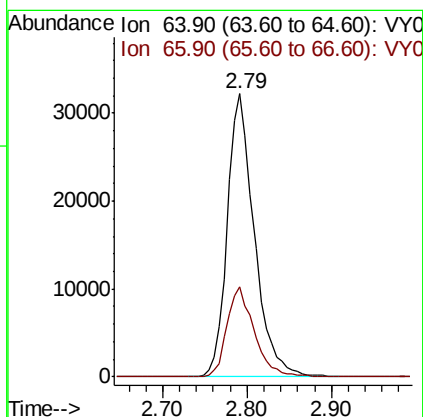
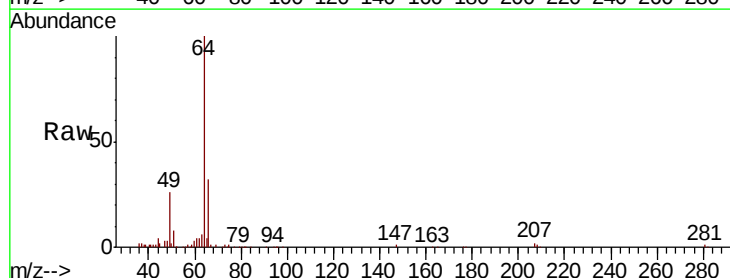
Acq: 10 Jul 2020 11:53

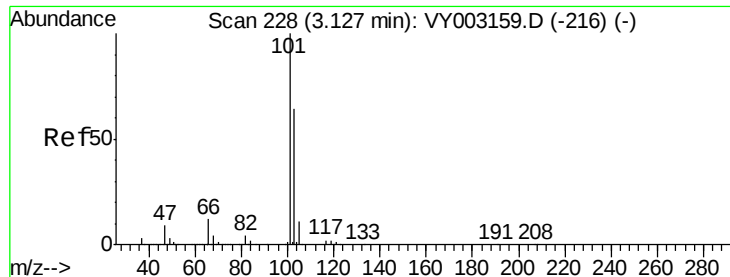
Tgt Ion: 64 Resp: 70575

Ion Ratio Lower Upper

64 100

66 31.6 26.0 39.0





#7

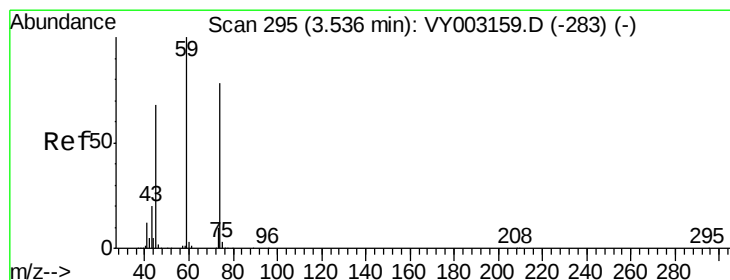
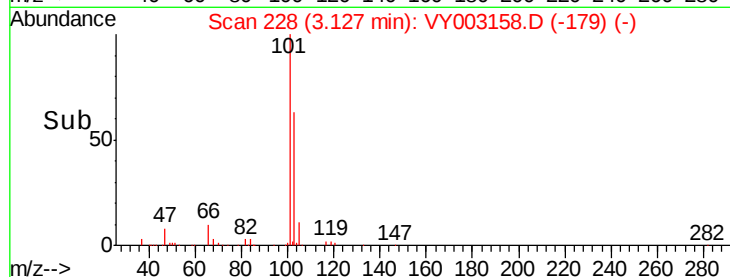
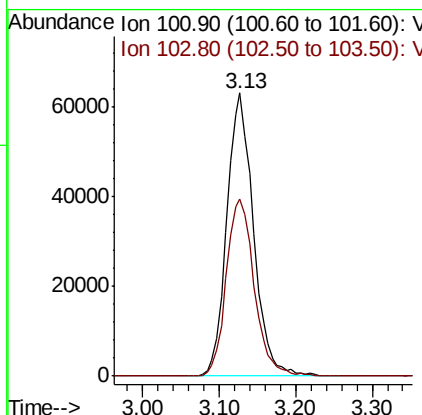
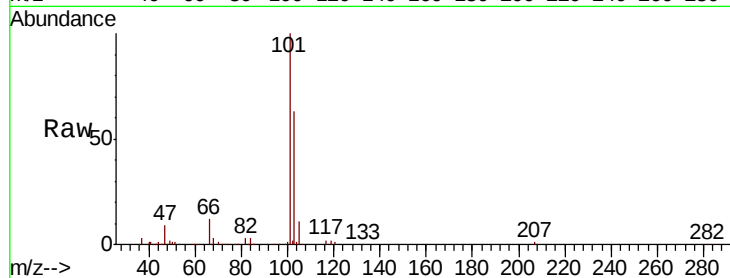
Trichlorofluoromethane
Concen: 20.899 ug/l
RT: 3.13 min Scan# 228
Delta R.T. 0.00 min
Lab File: VY003158.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	62.8	51.3	76.9

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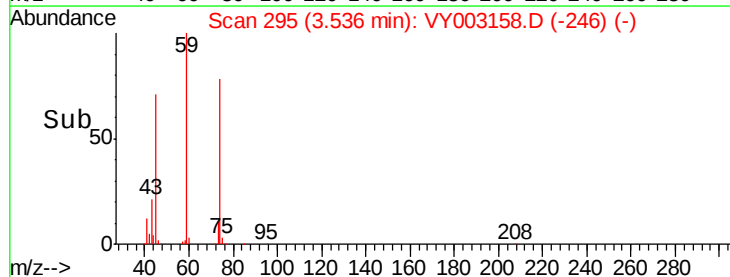
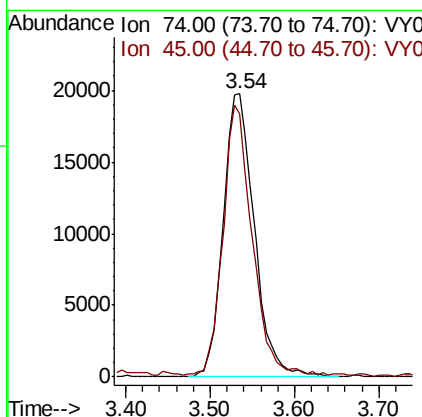
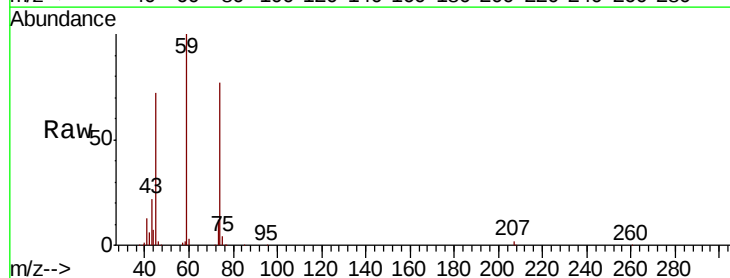
MMDadoda
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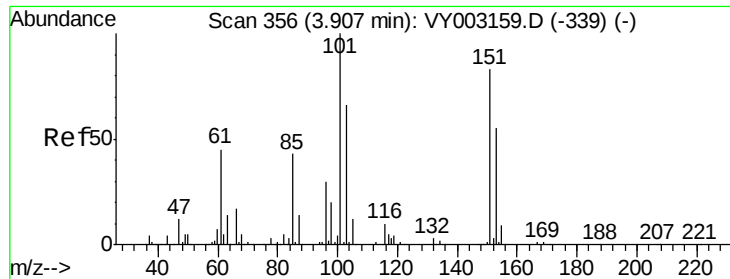


#8

Diethyl Ether
Concen: 20.082 ug/l
RT: 3.54 min Scan# 295
Delta R.T. 0.00 min
Lab File: VY003158.D
Acq: 10 Jul 2020 11:53

Tgt Ion	Ratio	Lower	Upper
74	100		
45	88.2	45.3	135.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.747 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY003158.D

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MSVOA_Y

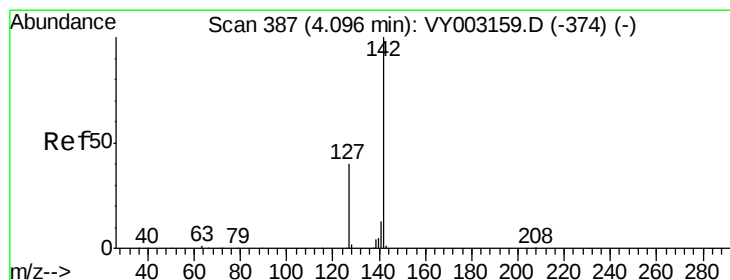
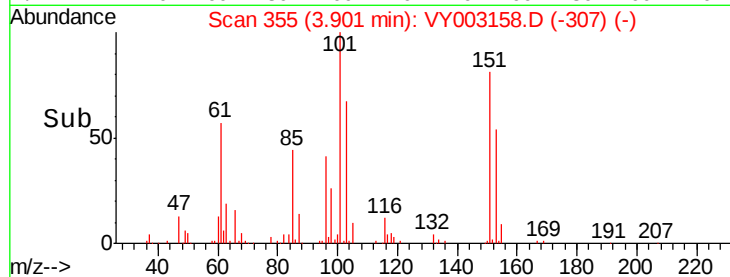
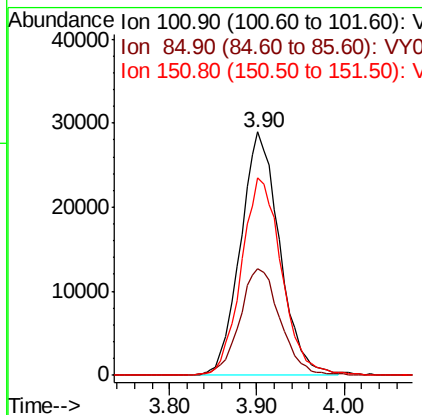
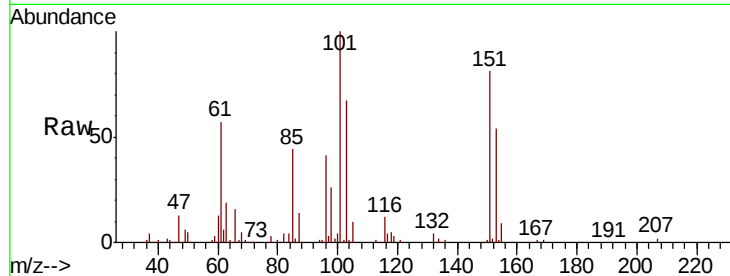
ClientSampleId :

VSTDIC020

Tot Ion:	101	Resp:	90276
Ion Ratio	Lower	Upper	
101	100		
85	45.4	34.9	52.3
151	83.6	67.0	100.6

Manual Integrations
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#10

Methyl Iodide

Concen: 17.651 ug/l

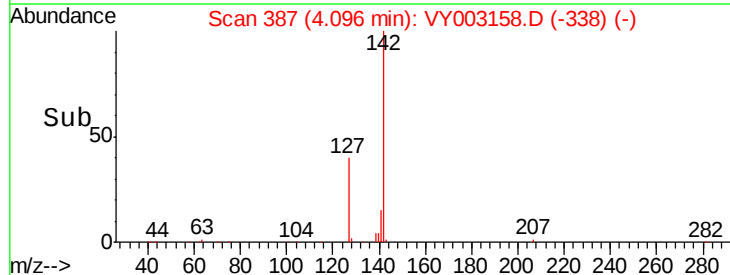
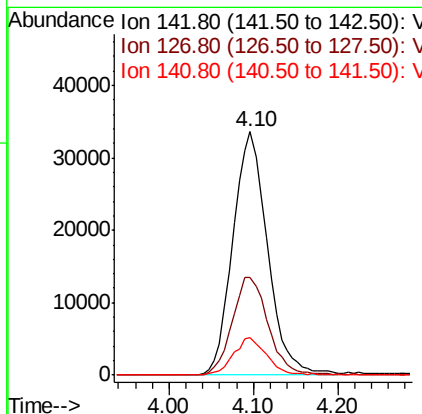
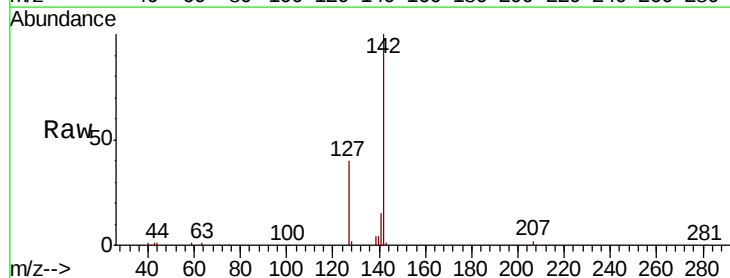
RT: 4.10 min Scan# 387

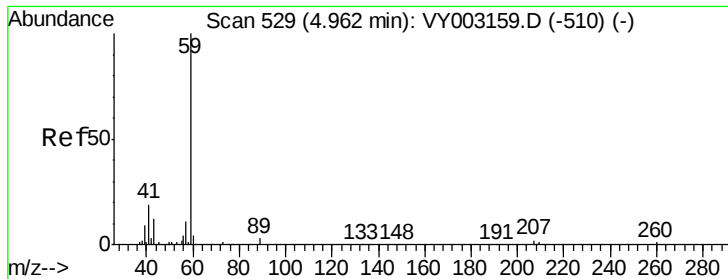
Delta R.T. 0.00 min

Lab File: VY003158.D

Acq: 10 Jul 2020 11:53

Tgt Ion:	142	Resp:	93726
Ion Ratio	Lower	Upper	
142	100		
127	41.4	33.5	50.3
141	14.6	11.2	16.8





#11

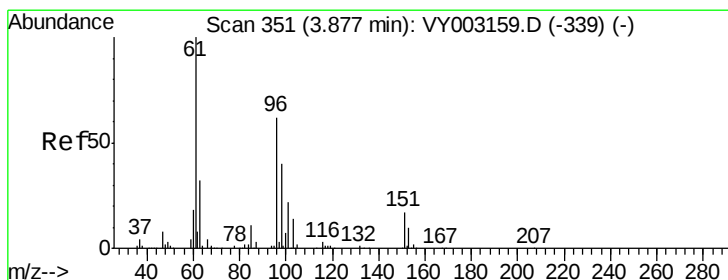
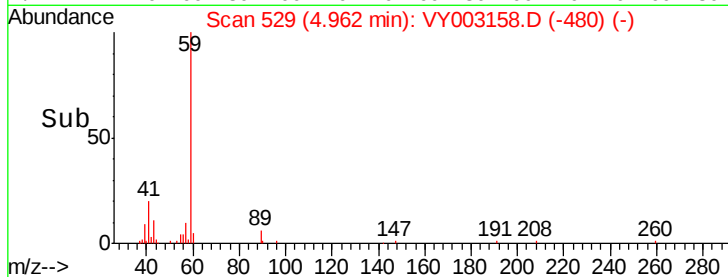
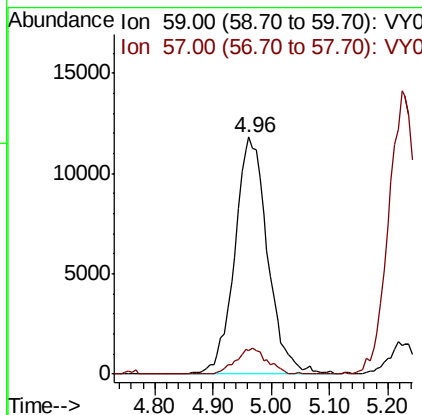
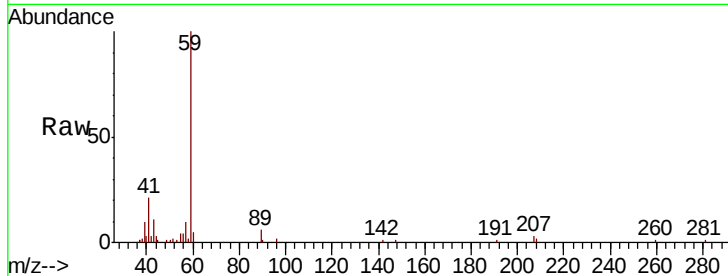
Tert butyl alcohol
 Concen: 97.466 ug/l
 RT: 4.96 min Scan# 529
 Delta R.T. 0.00 min
 Lab File: VY003158.D
 Acq: 10 Jul 2020 11:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Tot Ion	Ion	Ratio	Lower	Upper
59	59	100		
57	57	10.2	8.4	12.6

Manual Integrations
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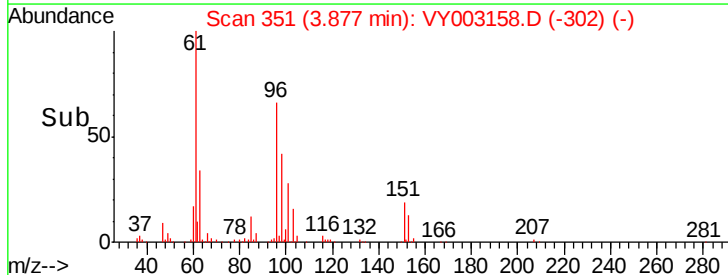
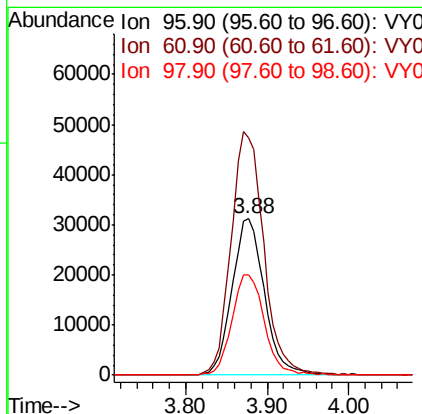
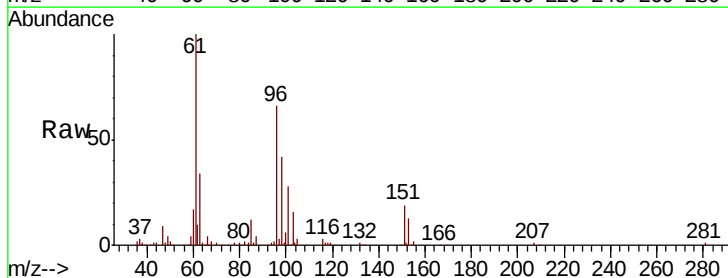
MMDadoda
 7/13/2020 10:47:35 AM

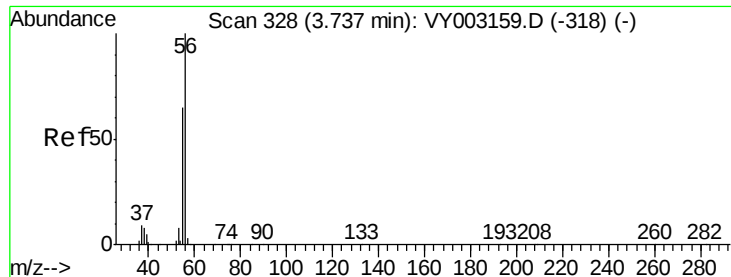


#12

1,1-Dichloroethene
 Concen: 20.678 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VY003158.D
 Acq: 10 Jul 2020 11:53

Tgt Ion	Ion	Ratio	Lower	Upper
96	96	100		
61	61	151.8	128.6	193.0
98	98	64.5	51.6	77.4





#13

Acrolein

Concen: 96.010 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY003158.D

Acq: 10 Jul 2020 11:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tot Ion: 56 Resp: 41149

Ion Ratio Lower Upper

56 100

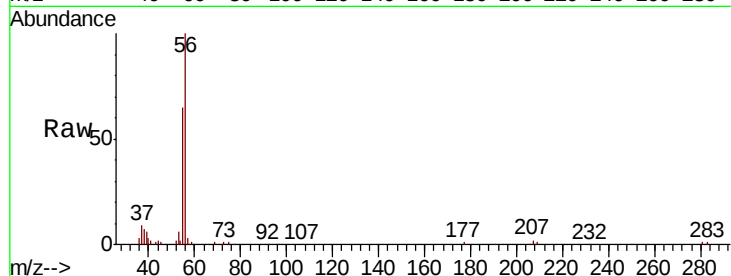
55 69.6 56.0 84.0

Manual Integrations

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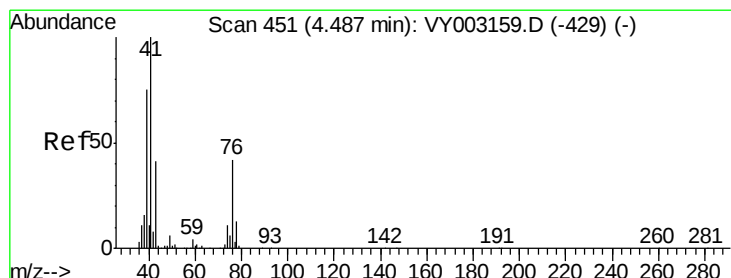
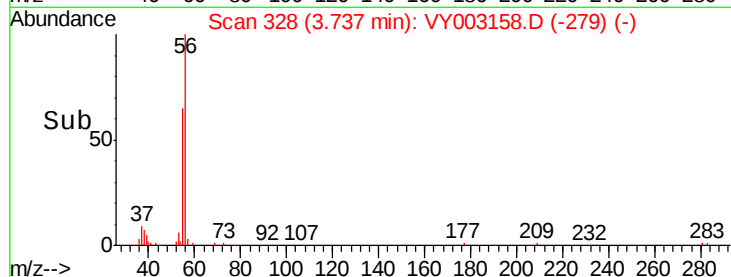
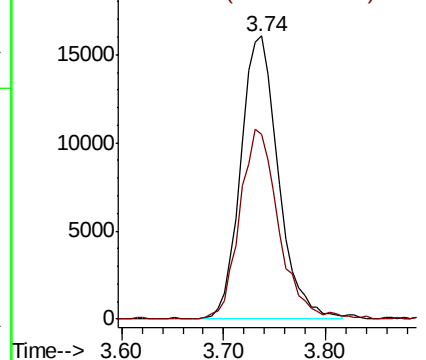
MMDadoda

7/13/2020 10:47:35 AM



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 17.657 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY003158.D

Acq: 10 Jul 2020 11:53

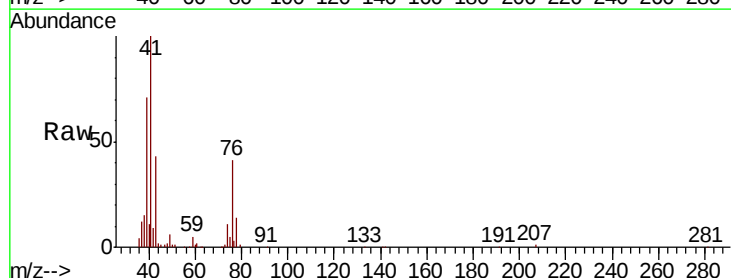
Tgt Ion: 41 Resp: 125228

Ion Ratio Lower Upper

41 100

39 70.6 56.6 85.0

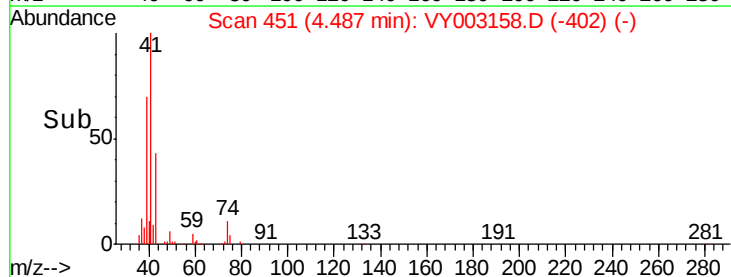
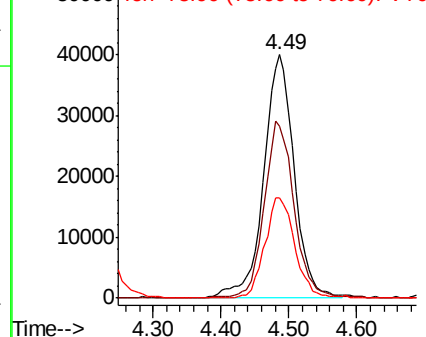
76 40.4 31.6 47.4

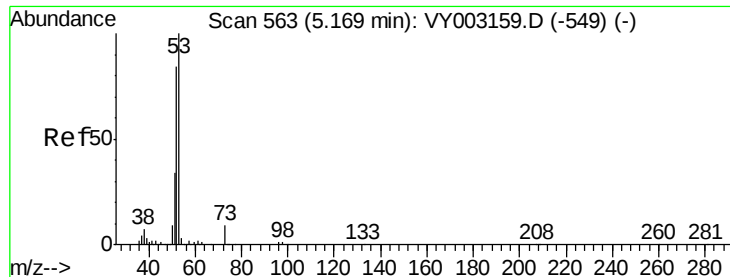


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 93.736 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.01 min

Lab File: VY003158.D

Acq: 10 Jul 2020 11:53

Instrument :

MSVOA_Y

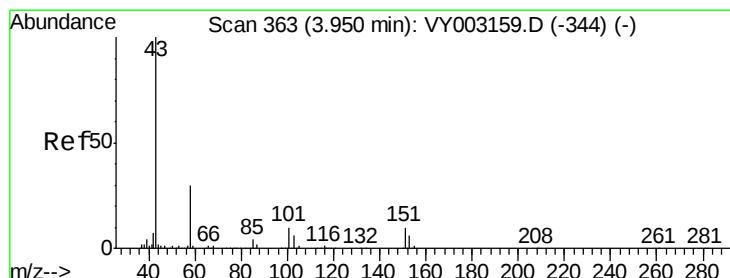
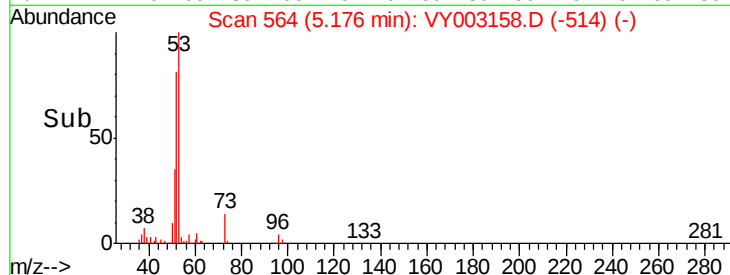
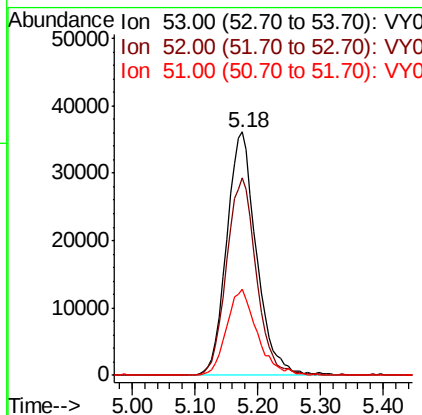
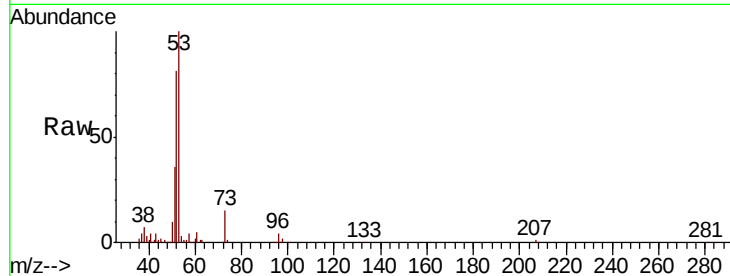
ClientSampleId :

VSTDIC020

Tot Ion:	53	Resp:	118671
Ion Ratio	Lower	Upper	
53	100		
52	81.4	65.8	98.6
51	36.2	29.0	43.4

Manual Integrations
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#16

Acetone

Concen: 87.307 ug/l

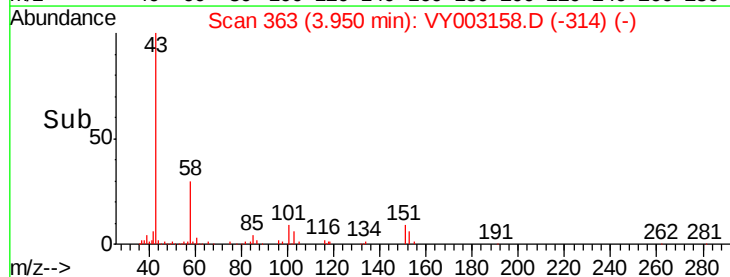
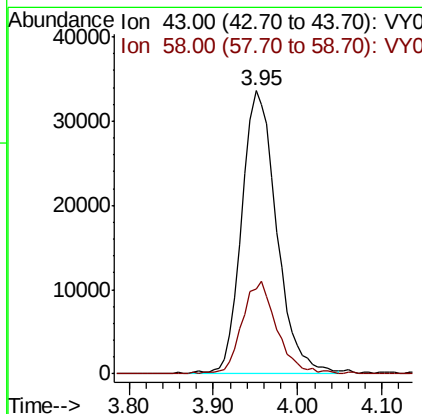
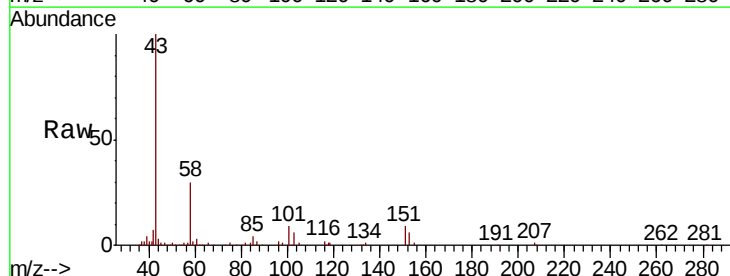
RT: 3.95 min Scan# 363

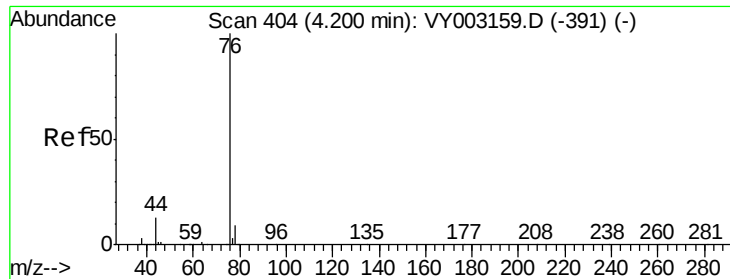
Delta R.T. 0.00 min

Lab File: VY003158.D

Acq: 10 Jul 2020 11:53

Tgt Ion:	43	Resp:	94656
Ion Ratio	Lower	Upper	
43	100		
58	29.8	23.8	35.6





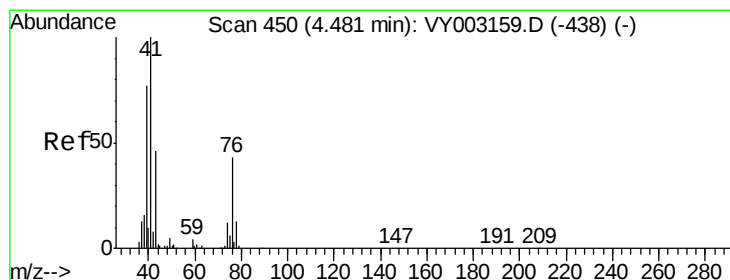
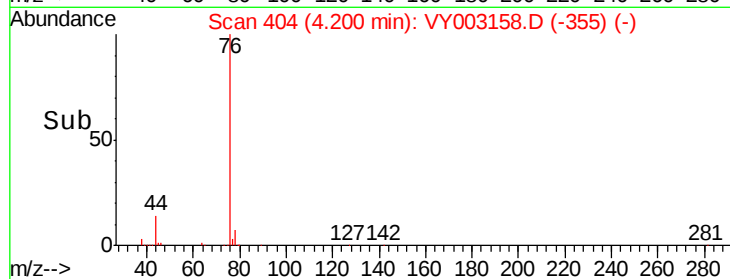
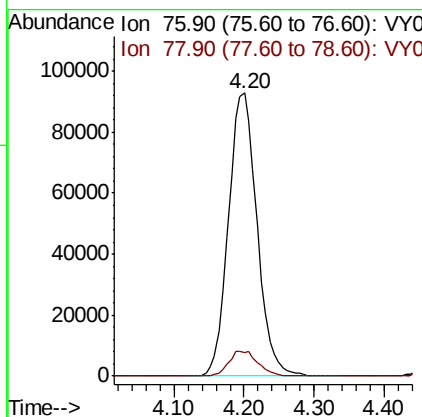
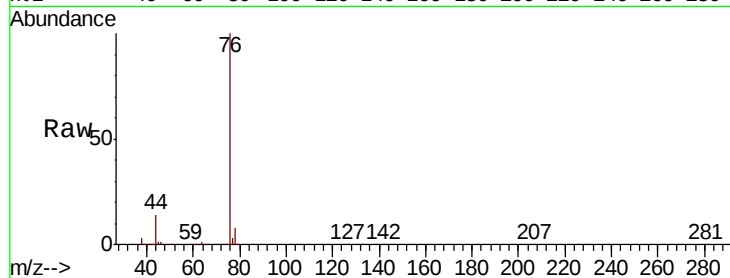
#17
Carbon Disulfide
Concen: 20.034 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.00 min
Lab File: VY003158.D
Acq: 10 Jul 2020 11:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.4	7.3	10.9

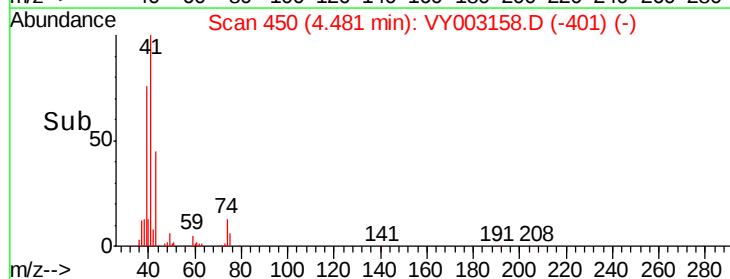
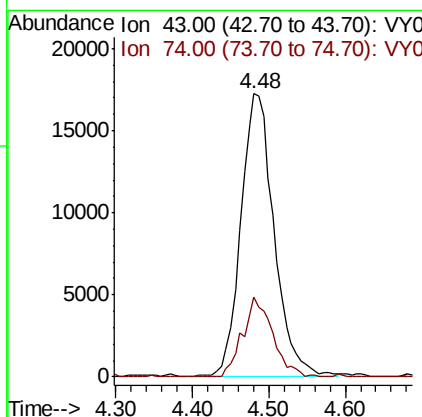
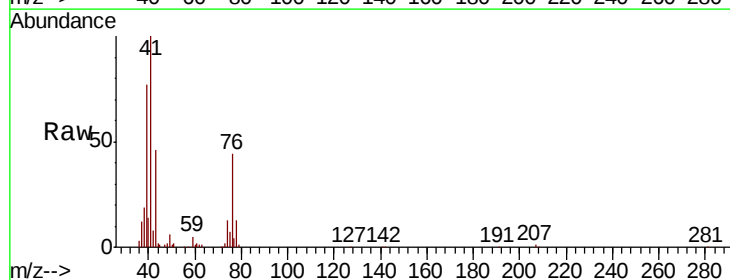
Manual Integrations
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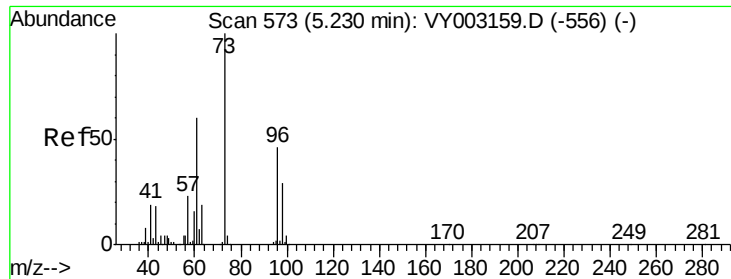
MMDadoda
7/13/2020 10:47:35 AM



#18
Methyl Acetate
Concen: 17.698 ug/l
RT: 4.48 min Scan# 450
Delta R.T. 0.00 min
Lab File: VY003158.D
Acq: 10 Jul 2020 11:53

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.5	20.8	31.2





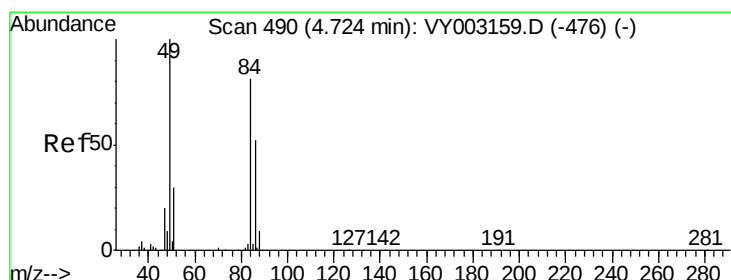
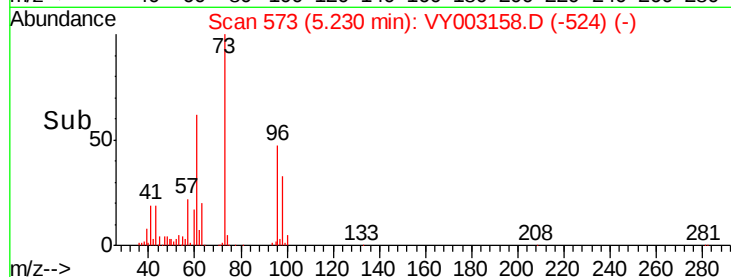
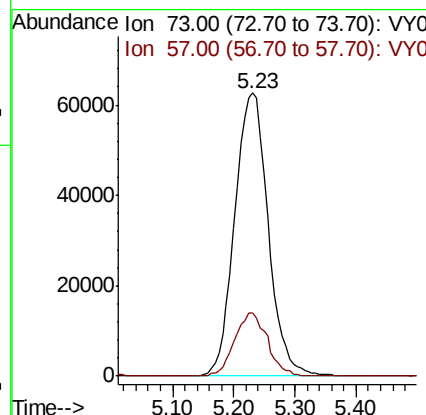
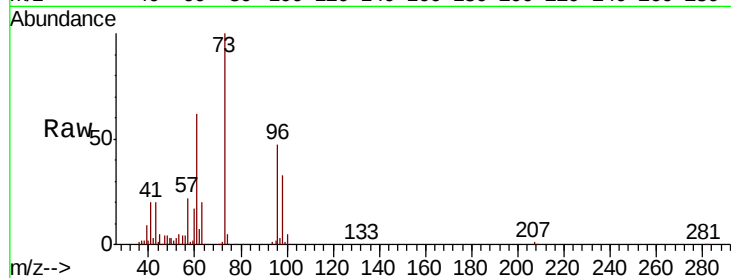
#19
Methvl tert-butvl Ether
Concen: 19.781 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.00 min
Lab File: VY003158.D
Acq: 10 Jul 2020 11:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.2	18.1	27.1

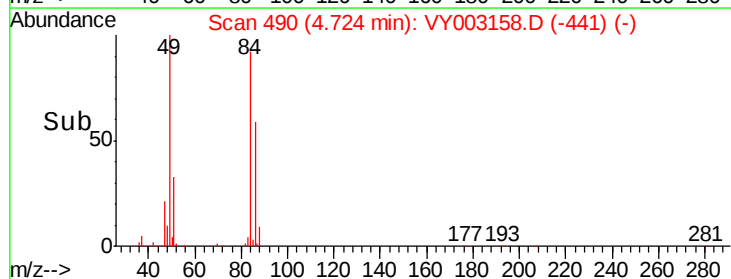
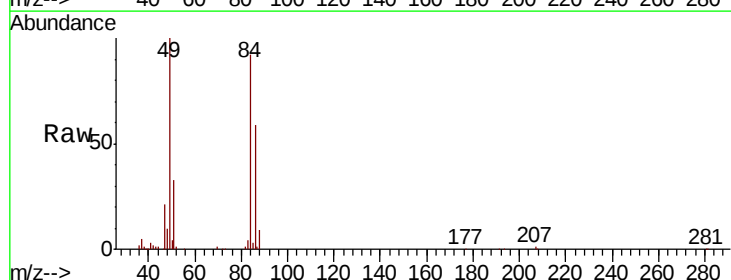
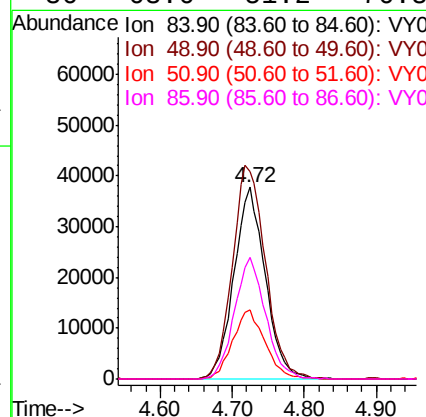
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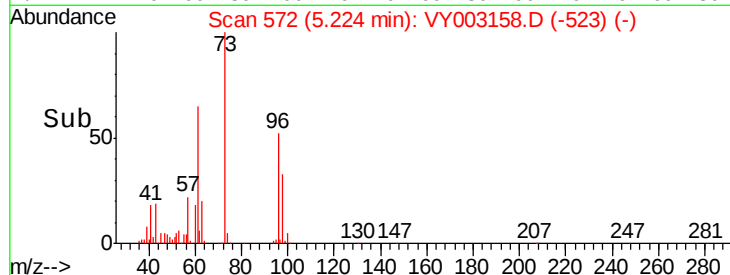
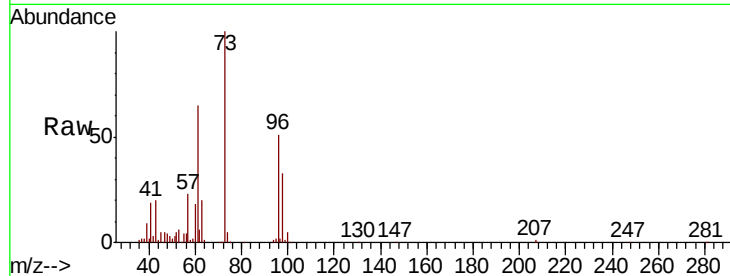
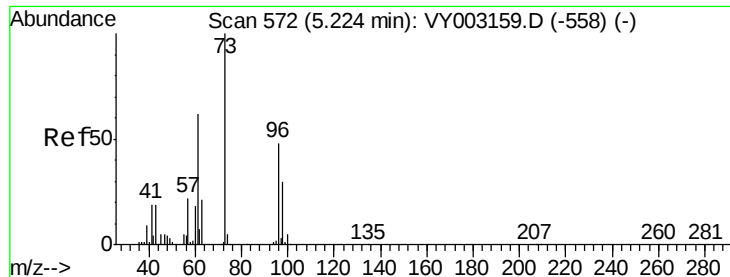
MMDadoda
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#20
Methylene Chloride
Concen: 18.229 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003158.D
Acq: 10 Jul 2020 11:53

Tgt Ion	Ratio	Lower	Upper
84	100		
49	108.3	98.2	147.4
51	36.1	29.8	44.6
86	63.6	51.2	76.8





#21

trans-1,2-Dichloroethene

Concen: 20.494 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.00 min

Lab File: VY003158.D

Acq: 10 Jul 2020 11:53

Tot Ion:	96	Resp:	96380
Ion	Ratio	Lower	Upper
96	100		
61	126.3	102.5	153.7
98	63.2	49.8	74.8

Instrument :

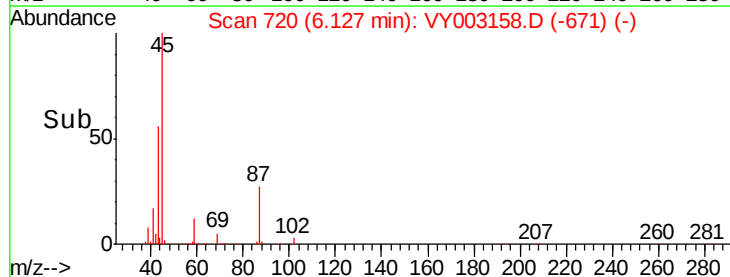
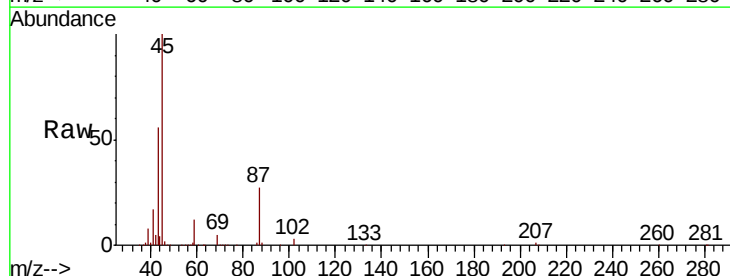
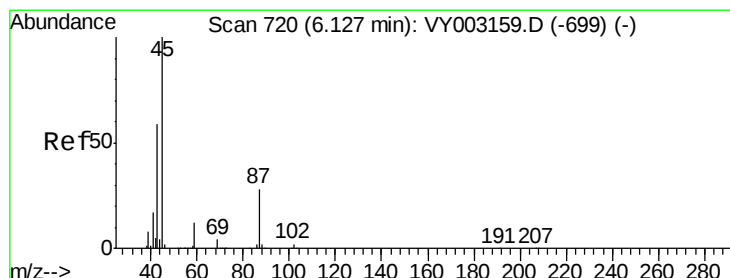
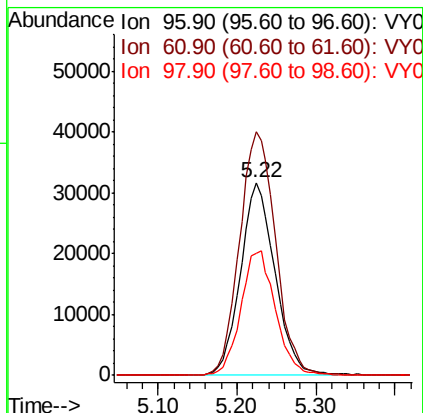
MSVOA_Y

ClientSampleId :

VSTDIC020

Manual Integrations
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7/13/2020 10:47:35 AM



#22

Diisopropyl ether

Concen: 18.117 ug/l

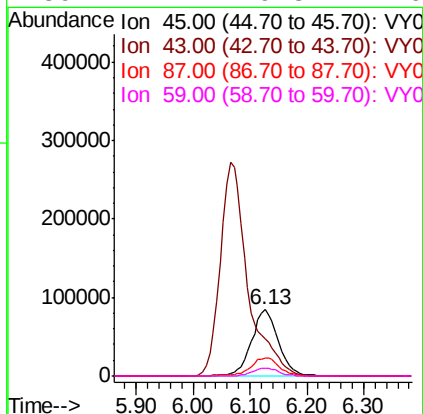
RT: 6.13 min Scan# 720

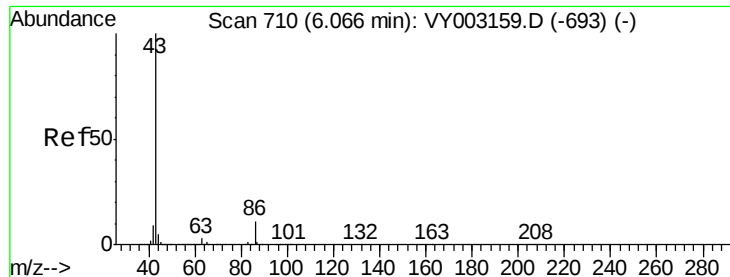
Delta R.T. 0.00 min

Lab File: VY003158.D

Acq: 10 Jul 2020 11:53

Tgt Ion:	45	Resp:	276996
Ion	Ratio	Lower	Upper
45	100		
43	55.4	47.0	70.4
87	27.5	22.6	33.8
59	12.2	9.8	14.6





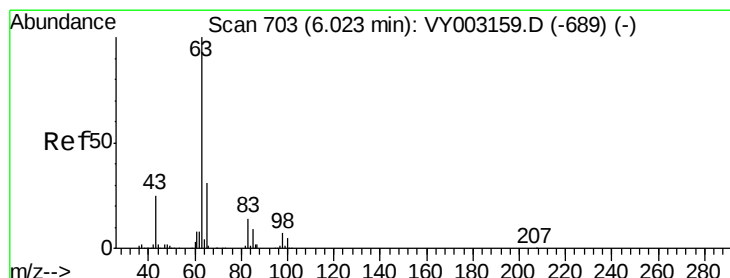
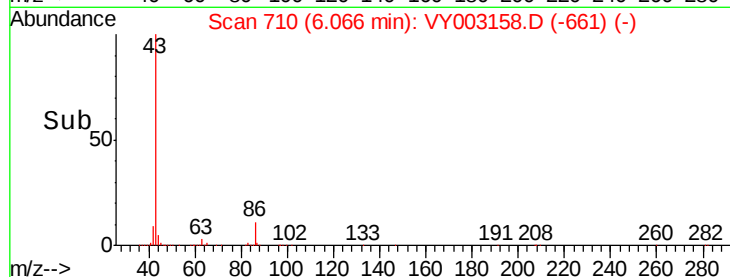
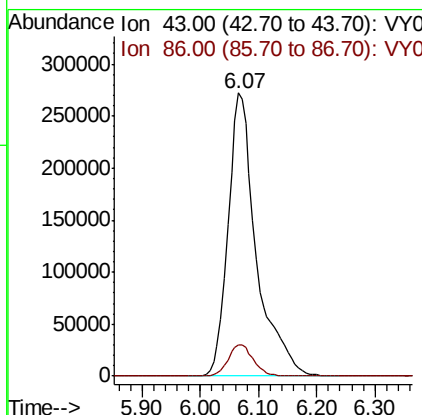
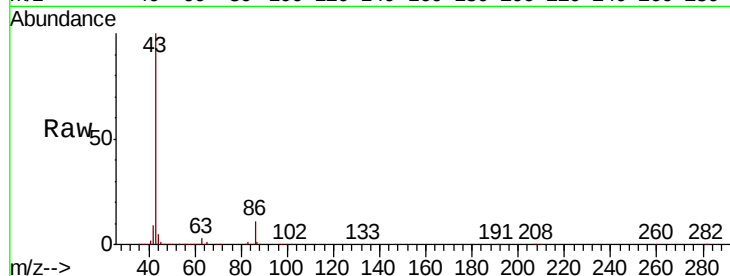
#23
 Vinyl Acetate
 Concen: 90.144 ug/l
 RT: 6.07 min Scan# 710
 Delta R.T. 0.00 min
 Lab File: VY003158.D
 Acq: 10 Jul 2020 11:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
43	100	917194		
86	11.1		8.8	13.2

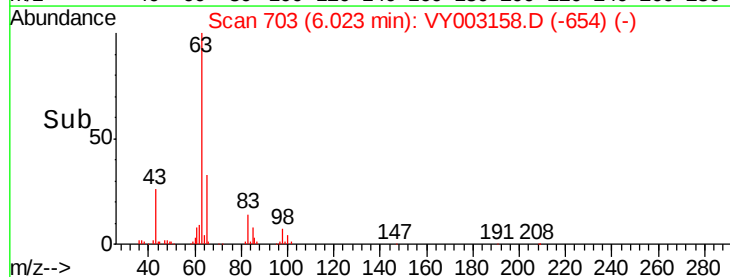
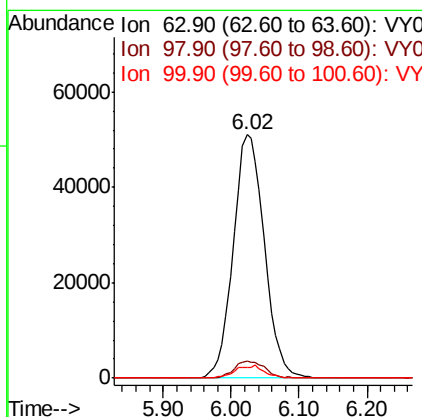
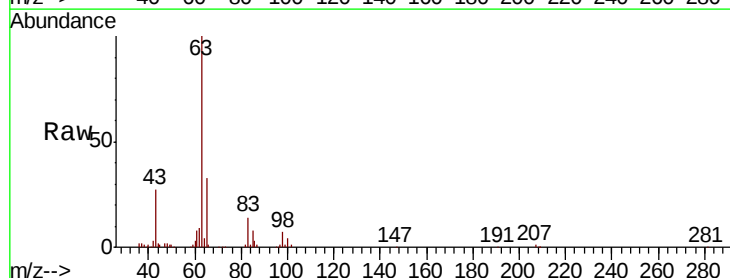
Manual Integrations
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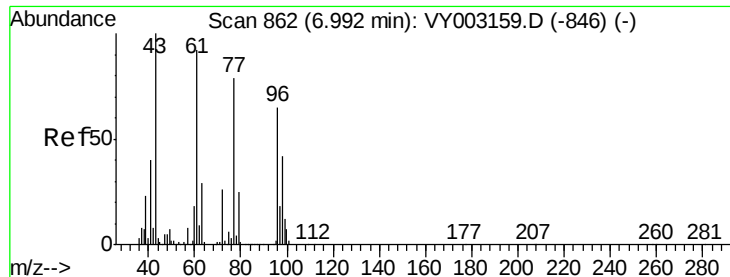
MMDadoda
 7/13/2020 10:47:35 AM



#24
 1,1-Dichloroethane
 Concen: 19.229 ug/l
 RT: 6.02 min Scan# 703
 Delta R.T. 0.00 min
 Lab File: VY003158.D
 Acq: 10 Jul 2020 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
63	100	161745		
98	7.0		3.6	10.8
100	4.2		2.4	7.2





#25

2-Butanone

Concen: 89.082 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY003158.D

Acq: 10 Jul 2020 11:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tot Ion: 43 Resp: 154355

Ion Ratio Lower Upper

43 100

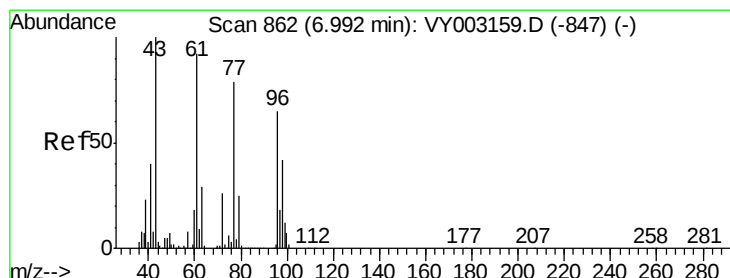
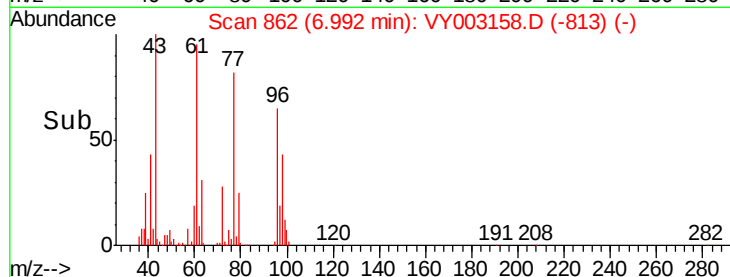
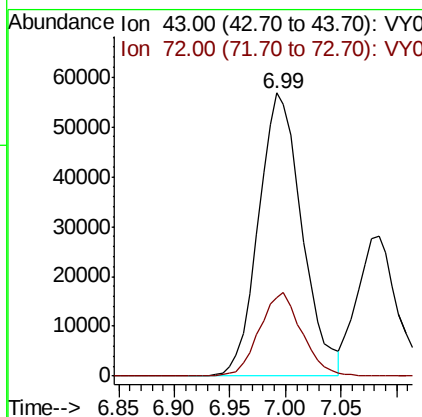
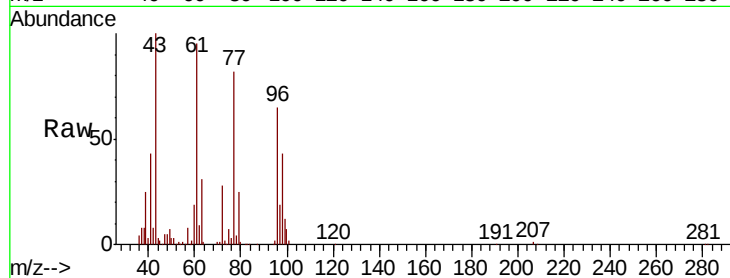
72 27.9 20.9 31.3

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7/13/2020 10:47:35 AM



#26

2,2-Dichloropropane

Concen: 19.148 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY003158.D

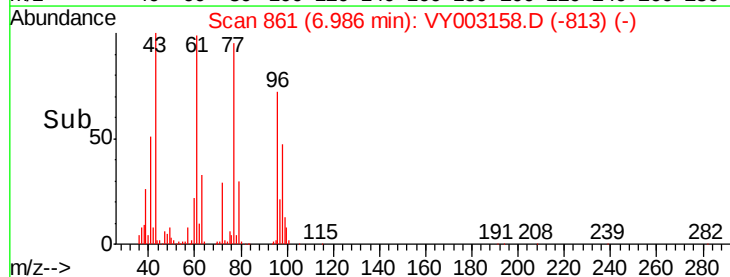
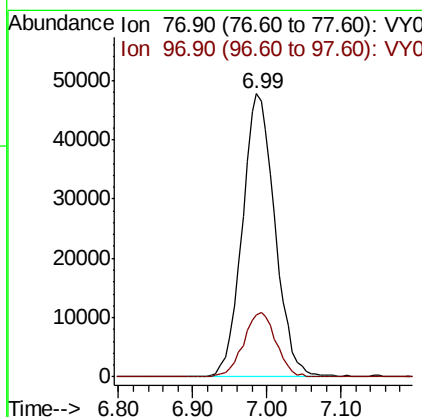
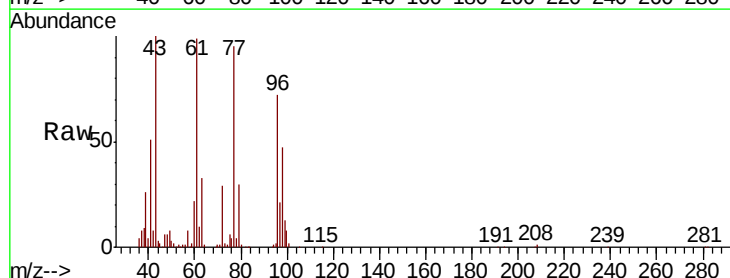
Acq: 10 Jul 2020 11:53

Tgt Ion: 77 Resp: 146280

Ion Ratio Lower Upper

77 100

97 22.6 11.6 34.7





#27

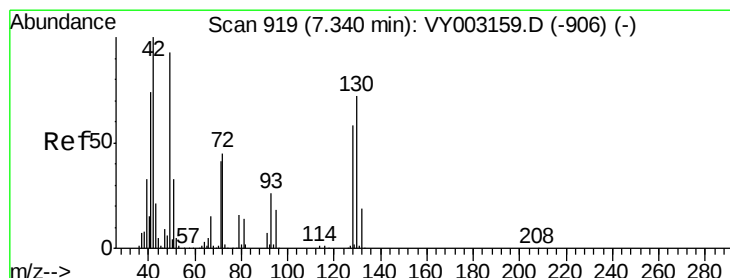
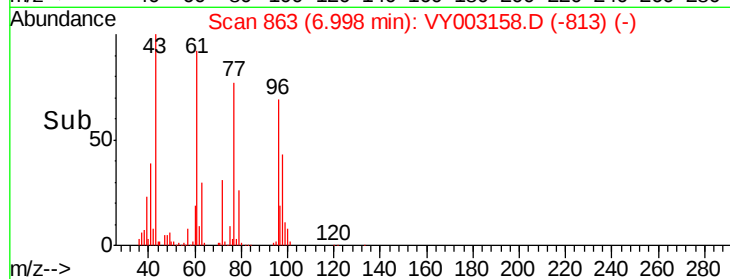
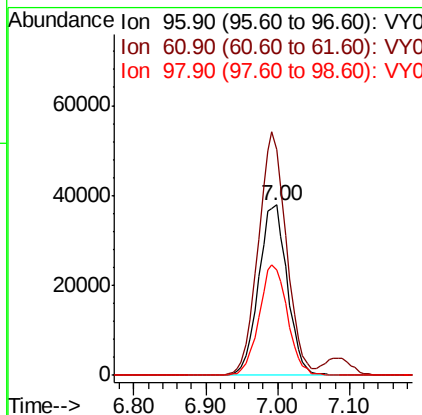
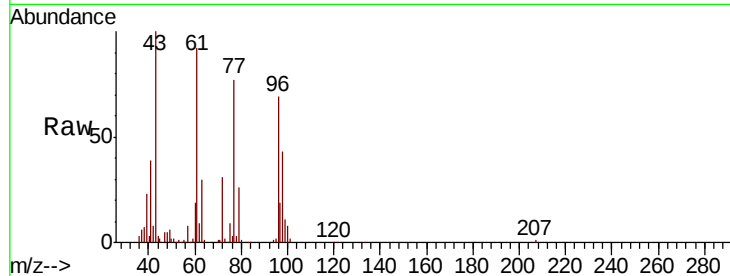
cis-1,2-Dichloroethene
Concen: 19.888 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.01 min
Lab File: VY003158.D
Acq: 10 Jul 2020 11:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
96	100	104690		
61	139.6	0.0	281.2	
98	64.3	0.0	129.8	

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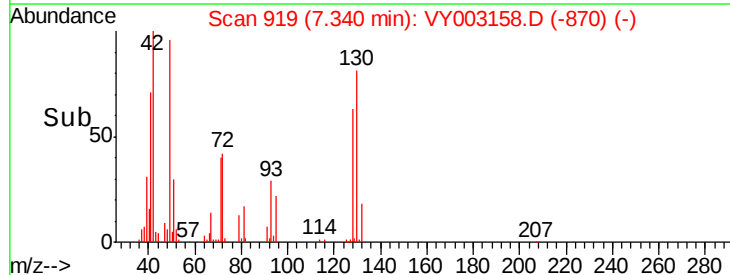
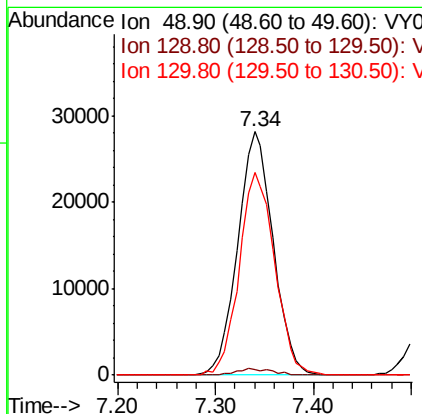
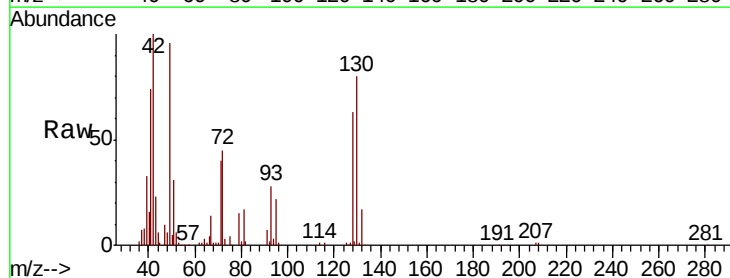
MMDadoda
7/13/2020 10:47:35 AM

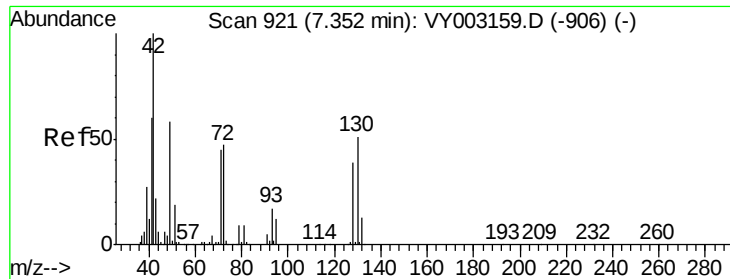


#28

Bromochloromethane
Concen: 19.090 ug/l
RT: 7.34 min Scan# 919
Delta R.T. 0.00 min
Lab File: VY003158.D
Acq: 10 Jul 2020 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	70479		
129	2.6	0.0	5.0	
130	83.4	64.9	97.3	





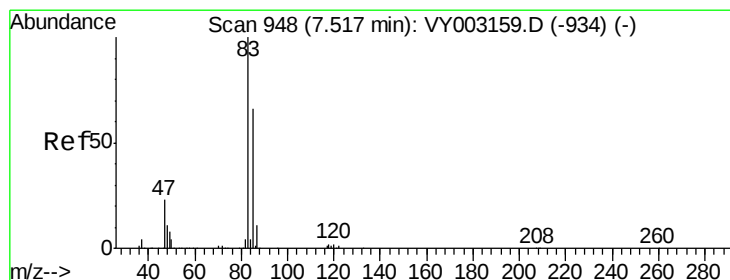
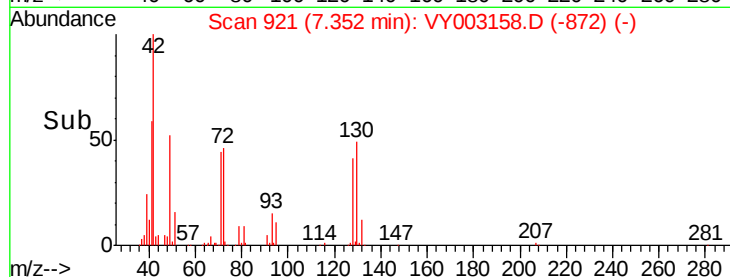
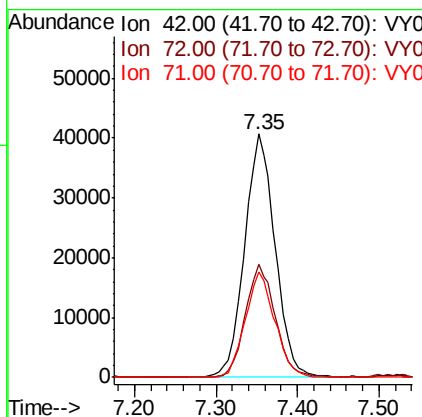
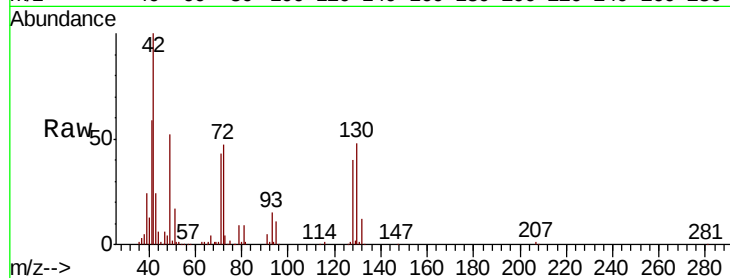
#29
Tetrahydrofuran
Concen: 91.705 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.00 min
Lab File: VY003158.D
Acq: 10 Jul 2020 11:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.6	36.7	55.1
71	42.0	34.2	51.4

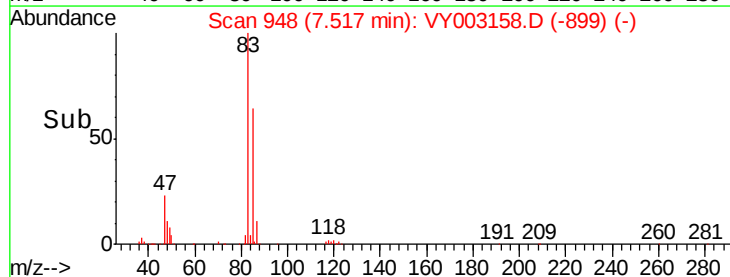
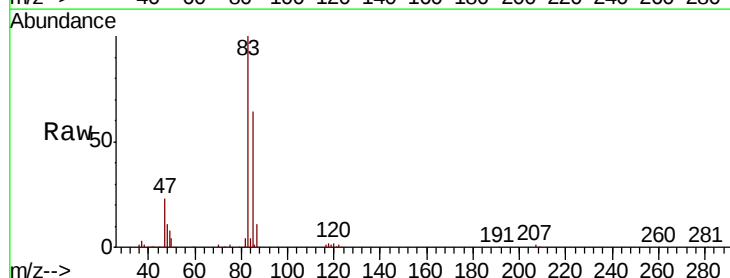
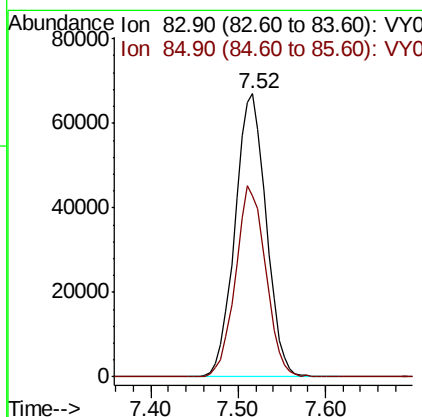
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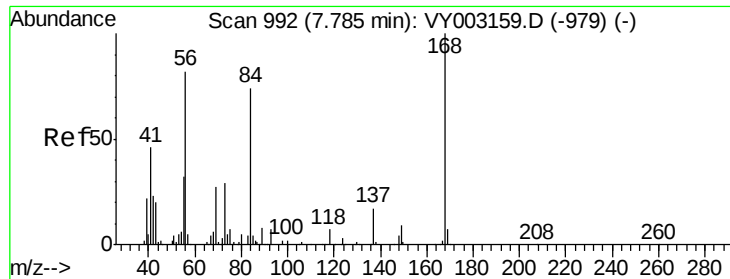
MMDadoda
7/13/2020 10:47:35 AM



#30
Chloroform
Concen: 19.795 ug/l
RT: 7.52 min Scan# 948
Delta R.T. 0.00 min
Lab File: VY003158.D
Acq: 10 Jul 2020 11:53

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.0	52.6	78.8





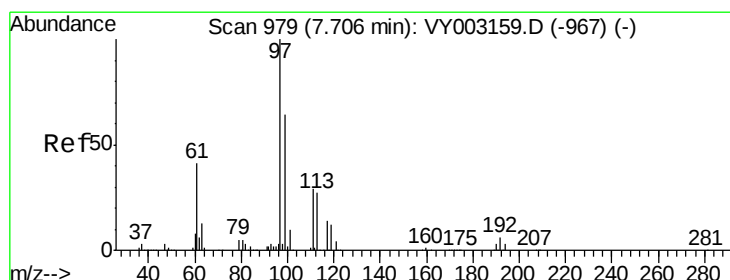
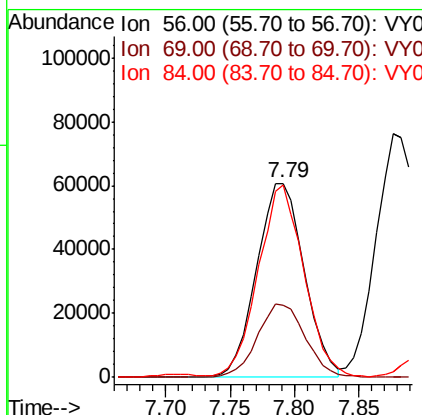
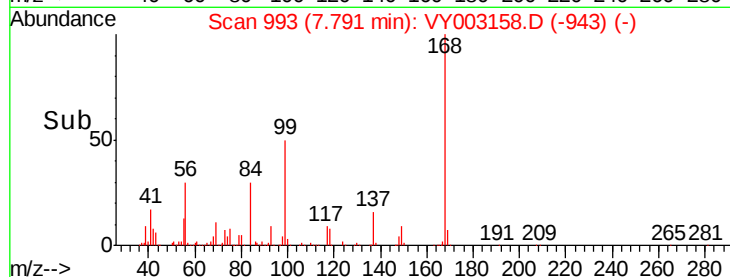
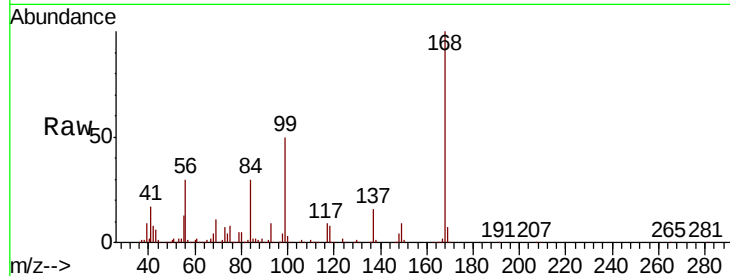
#31
Cyclohexane
Concen: 18.795 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.01 min
Lab File: VY003158.D
Acq: 10 Jul 2020 11:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
56	100		
69	37.4	26.7	40.1
84	97.9	72.3	108.5

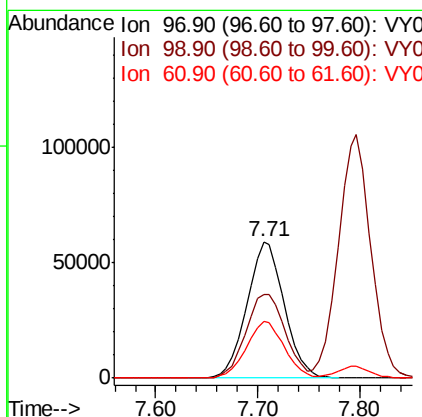
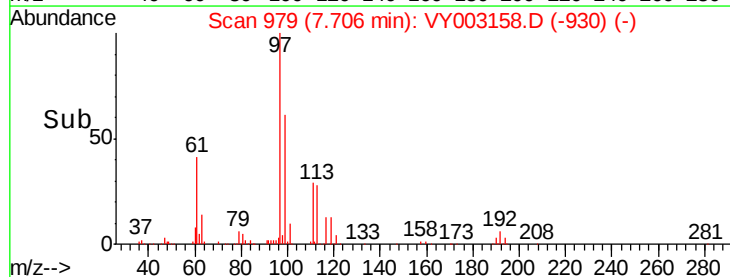
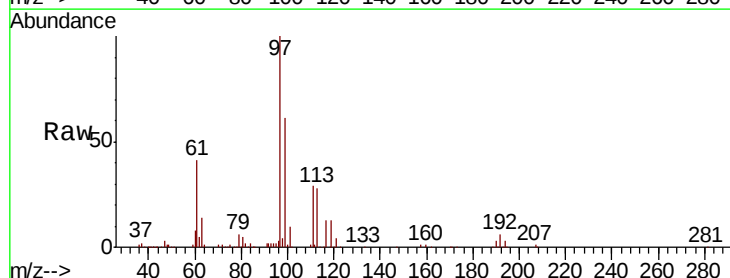
Manual Integrations
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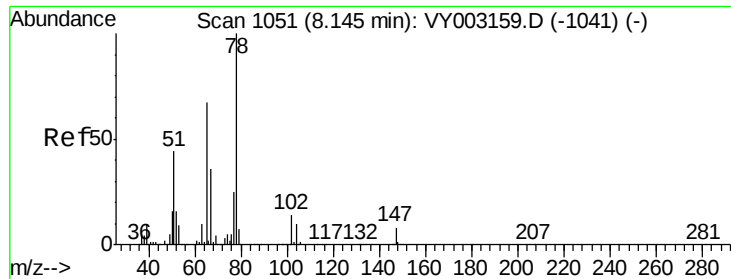
MMDadoda
7/13/2020 10:47:35 AM



#32
1,1,1-Trichloroethane
Concen: 19.610 ug/l
RT: 7.71 min Scan# 979
Delta R.T. 0.00 min
Lab File: VY003158.D
Acq: 10 Jul 2020 11:53

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.2	52.1	78.1
61	42.3	33.9	50.9





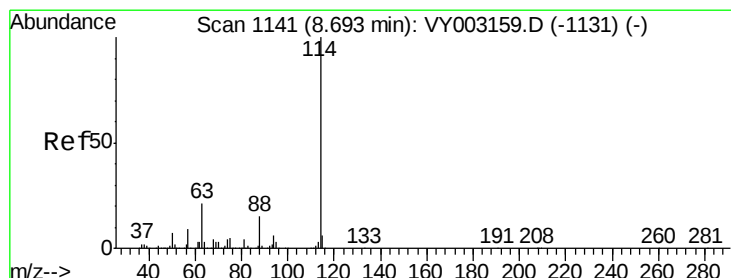
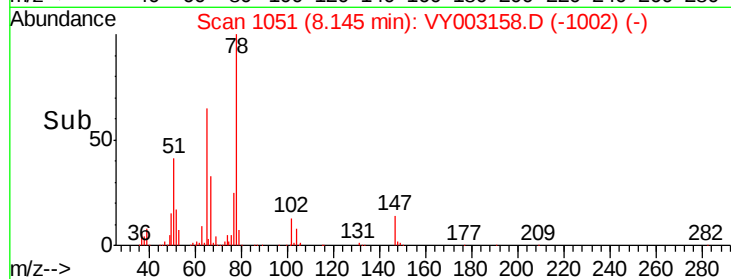
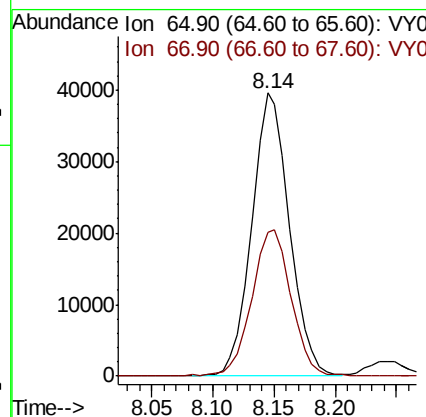
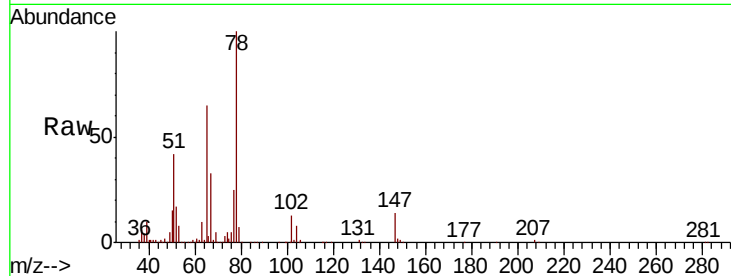
#33
 1,2-Dichloroethane-d4
 Concen: 18.262 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VY003158.D
 Acq: 10 Jul 2020 11:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.2	0.0	105.2

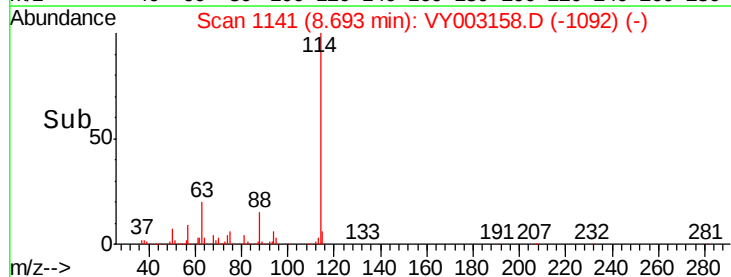
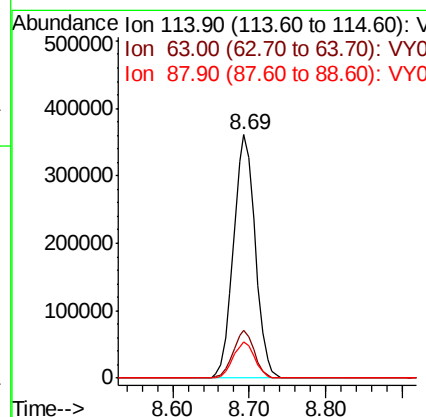
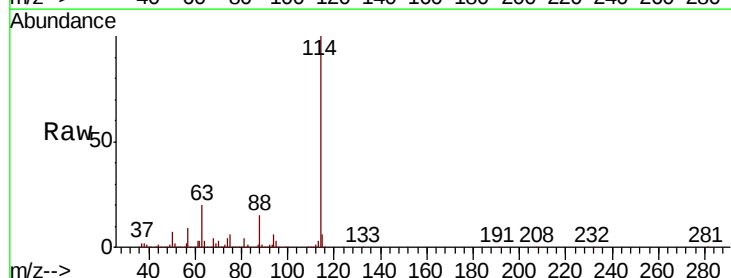
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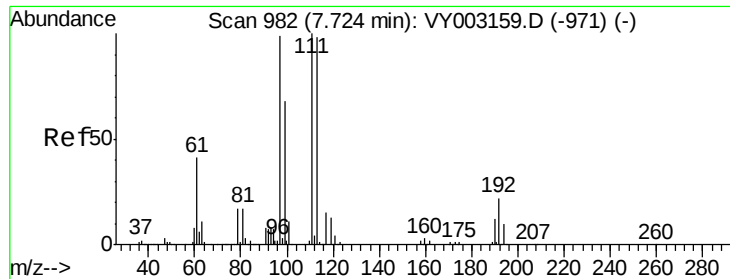
MMDadoda
 7/13/2020 10:47:35 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003158.D
 Acq: 10 Jul 2020 11:53

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	41.2
88	14.7	0.0	30.2





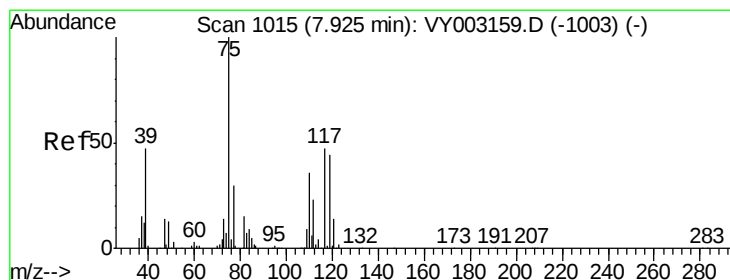
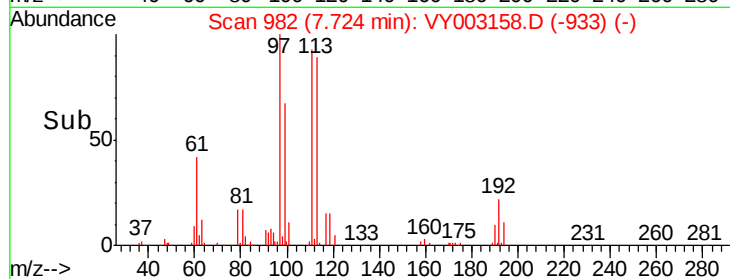
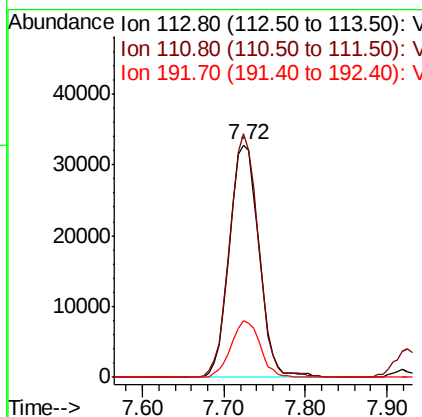
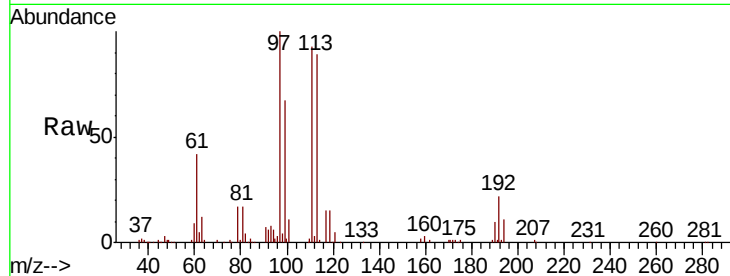
#35
Dibromofluoromethane
Concen: 19.199 ug/l
RT: 7.72 min Scan# 982
Delta R.T. 0.00 min
Lab File: VY003158.D
Acq: 10 Jul 2020 11:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
113	100	82385		
111	101.4	82.1	123.1	
192	23.6	18.8	28.2	

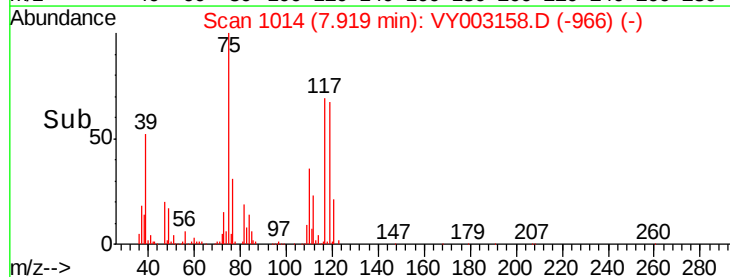
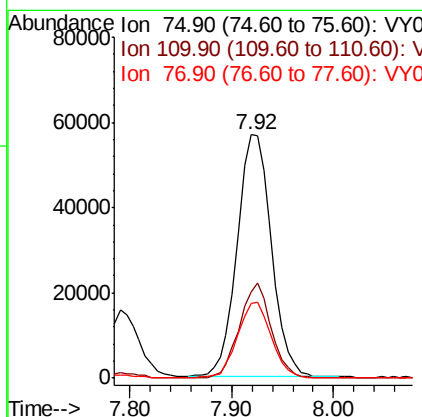
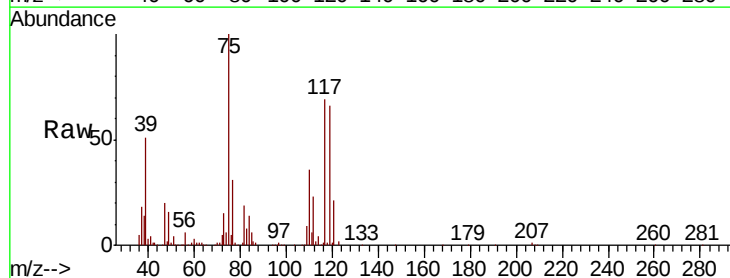
Manual Integrations
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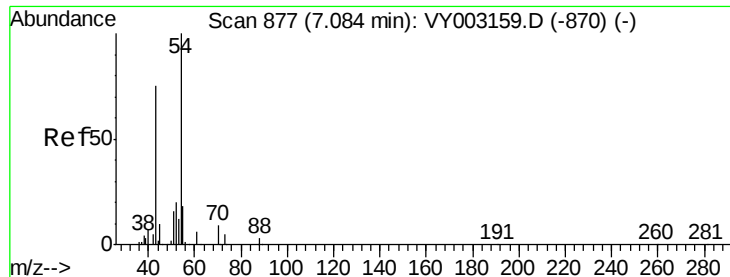
MMDadoda
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#36
1,1-Dichloropropene
Concen: 19.880 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. -0.01 min
Lab File: VY003158.D
Acq: 10 Jul 2020 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	132912		
110	36.4	18.1	54.1	
77	31.0	24.8	37.2	





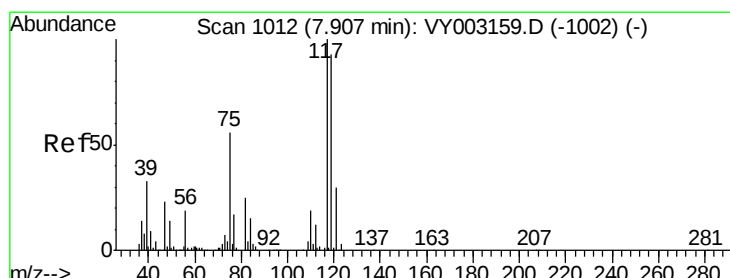
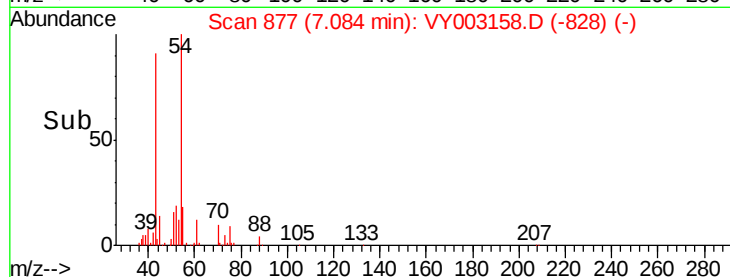
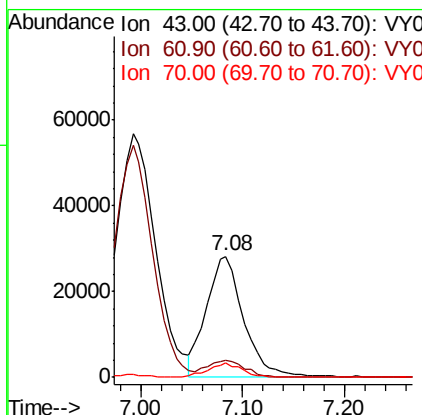
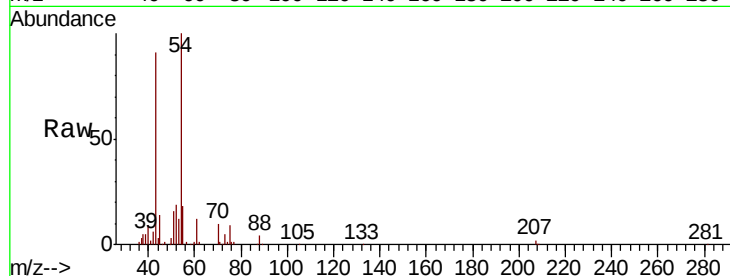
#37
Ethyl Acetate
Concen: 18.166 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.00 min
Lab File: VY003158.D
Acq: 10 Jul 2020 11:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.4	11.8	17.6
70	10.8	8.6	13.0

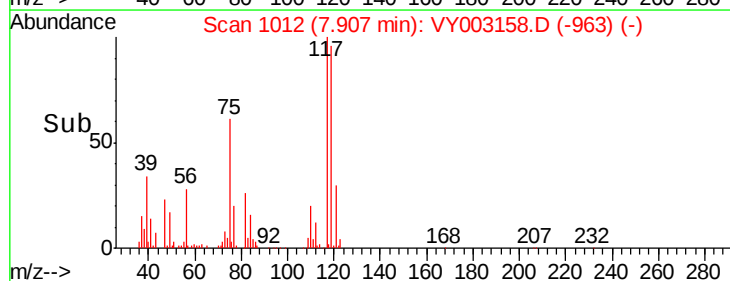
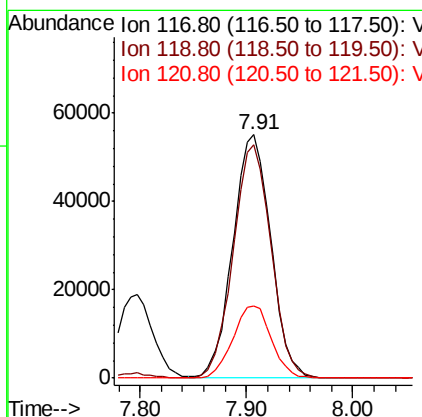
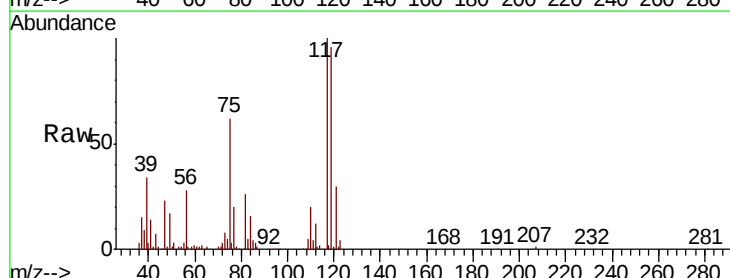
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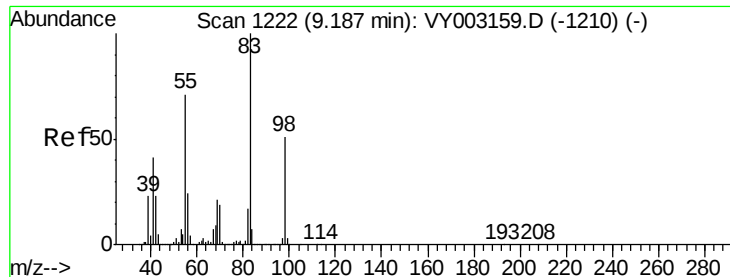
MMDadoda
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#38
Carbon Tetrachloride
Concen: 19.826 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY003158.D
Acq: 10 Jul 2020 11:53

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.8	74.5	111.7
121	29.5	24.2	36.2





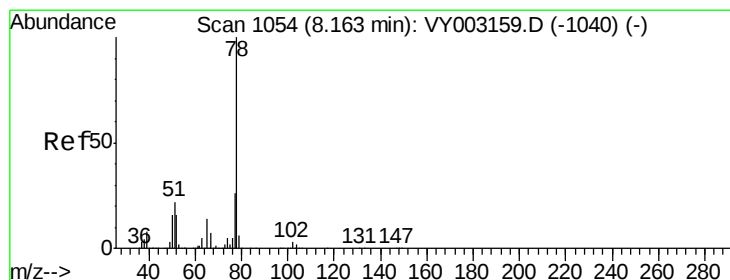
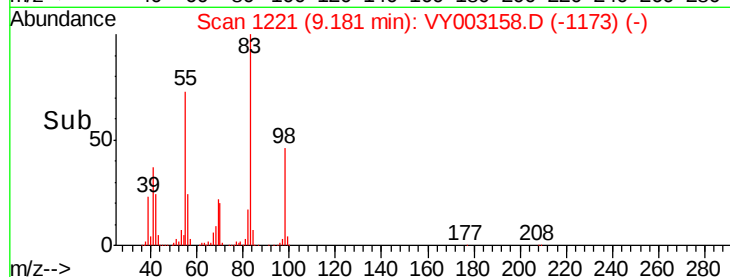
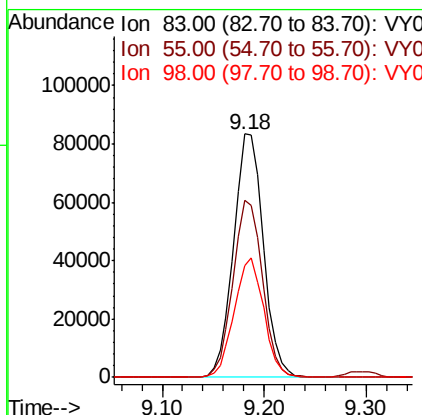
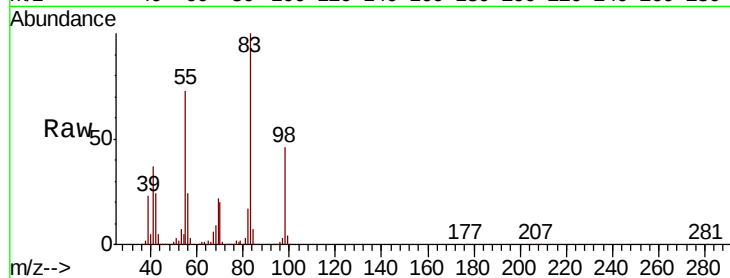
#39
Methvlcvclohexane
Concen: 20.356 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. -0.01 min
Lab File: VY003158.D
Acq: 10 Jul 2020 11:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
83	100		
55	72.6	57.2	85.8
98	46.0	41.0	61.6

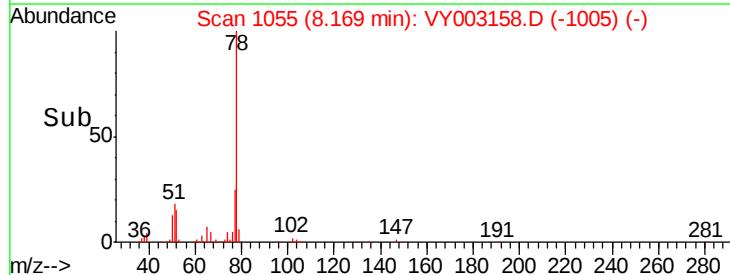
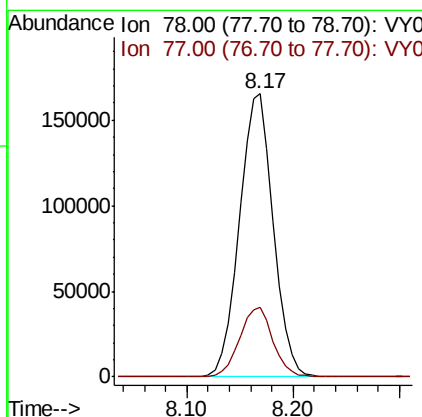
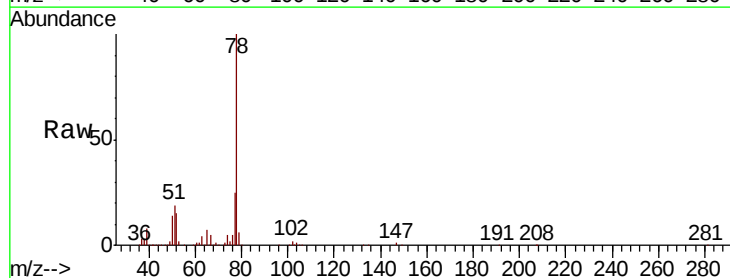
Manual Integrations
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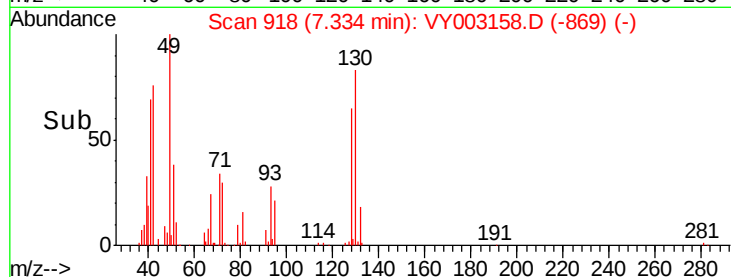
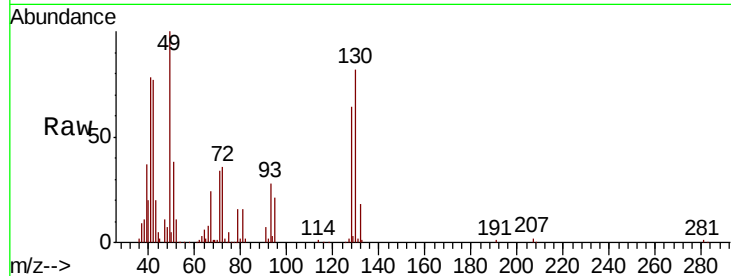
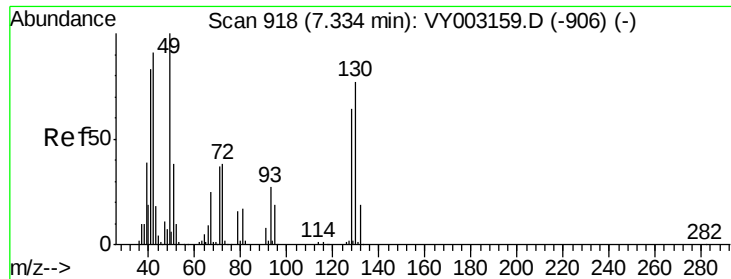
MMDadoda
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#40
Benzene
Concen: 20.079 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.01 min
Lab File: VY003158.D
Acq: 10 Jul 2020 11:53

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.7	20.7	31.1





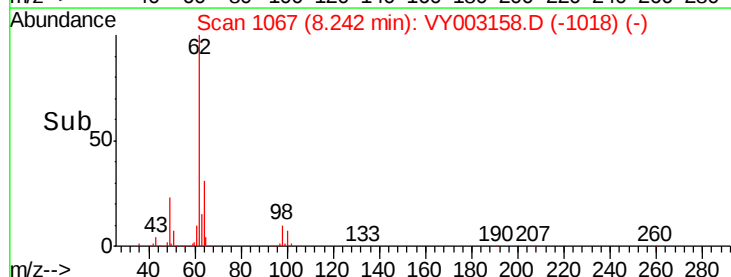
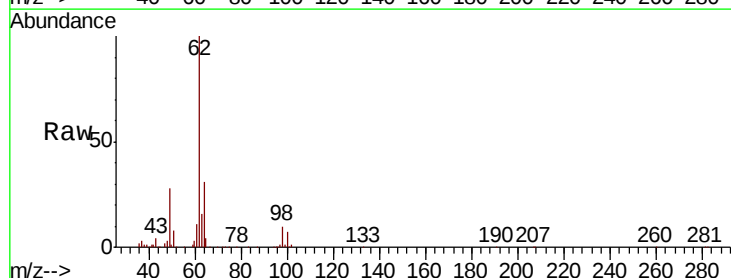
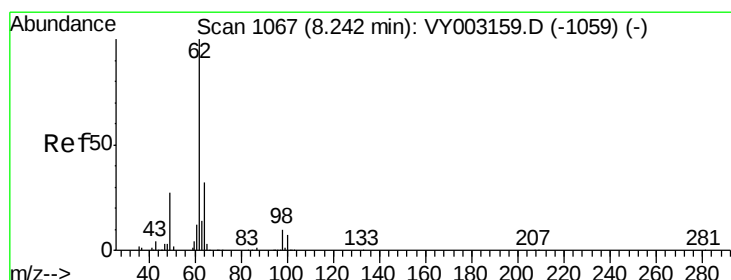
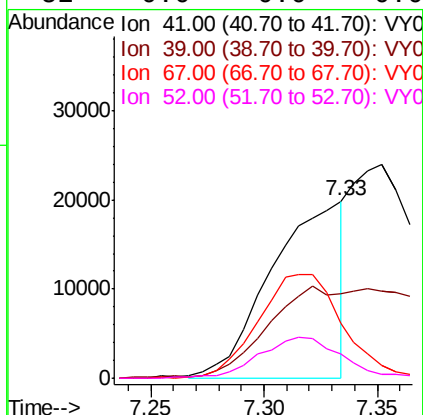
#41
Methacrylonitrile
Concen: 20.957 ug/l m
RT: 7.33 min Scan# 918
Delta R.T. 0.00 min
Lab File: VY003158.D
Acq: 10 Jul 2020 11:53

Tot Ion	41	Resp	43983
Ion	Ratio	Lower	Upper
41	100		
39	0.0	83.3	124.9#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

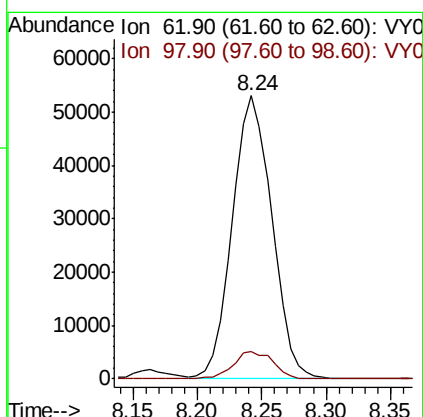
Manual Integrations
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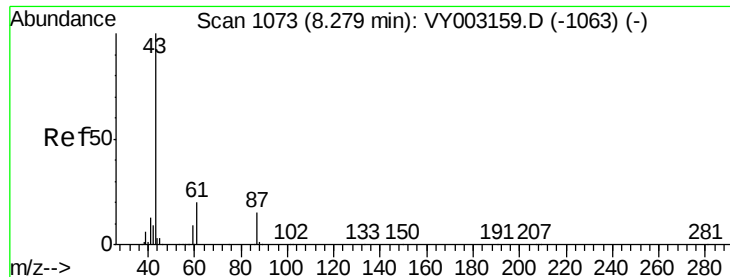
MMDadoda
7/13/2020 10:47:35 AM



#42
1,2-Dichloroethane
Concen: 19.735 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY003158.D
Acq: 10 Jul 2020 11:53

Tgt Ion	62	Resp	113557
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	19.0





#43

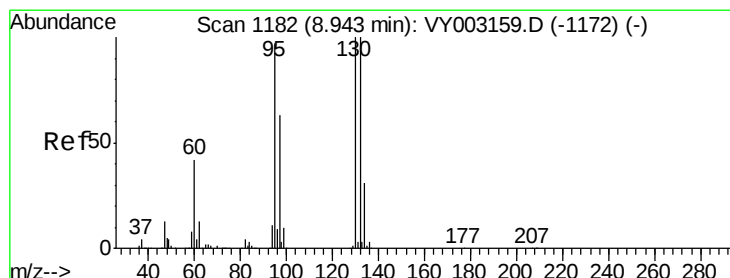
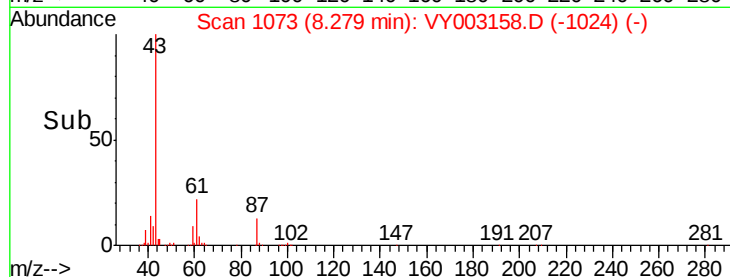
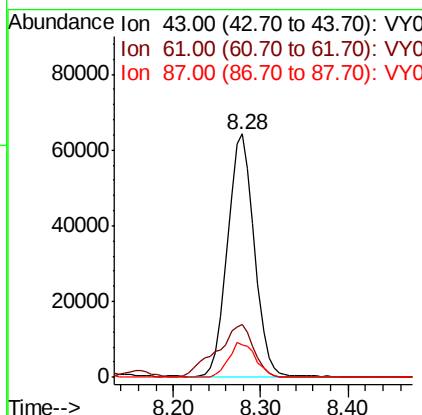
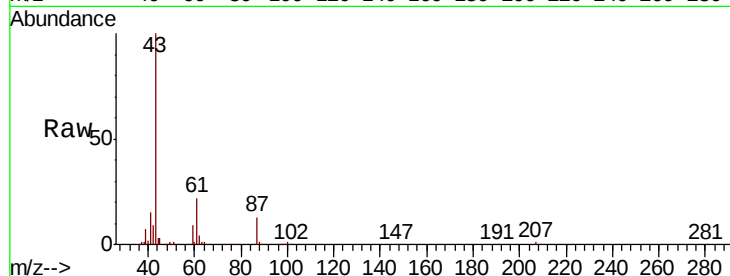
Isopropyl Acetate
 Concen: 18.199 ug/l
 RT: 8.28 min Scan# 1073
 Delta R.T. 0.00 min
 Lab File: VY003158.D
 Acq: 10 Jul 2020 11:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
43	100		
61	29.8	23.7	35.5
87	14.4	11.4	17.0

Manual Integrations
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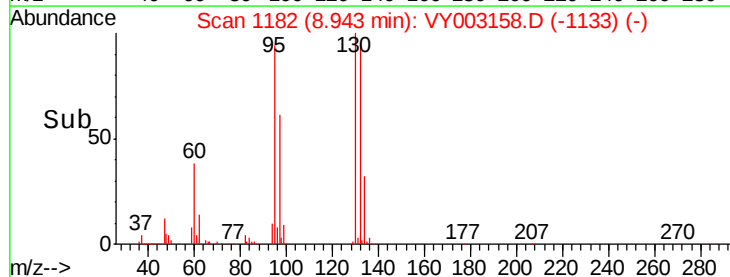
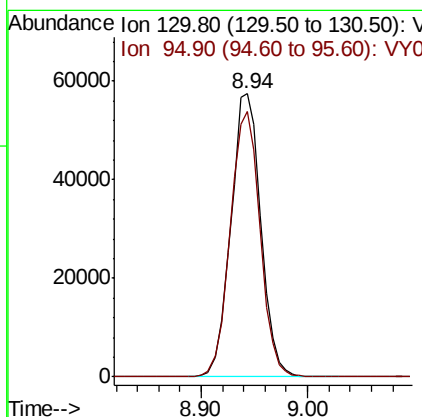
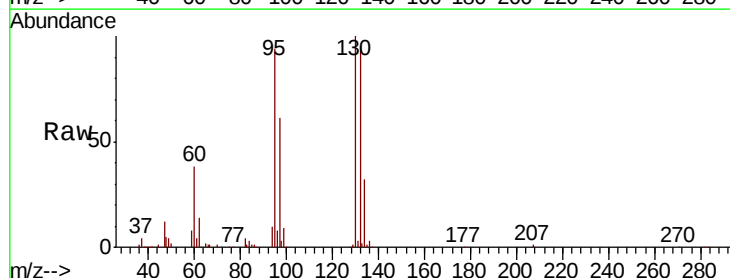
MMDadoda
 7/13/2020 10:47:35 AM

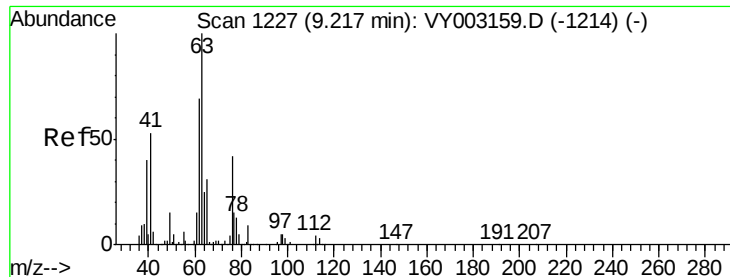


#44

Trichloroethene
 Concen: 21.107 ug/l
 RT: 8.94 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VY003158.D
 Acq: 10 Jul 2020 11:53

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.6	0.0	193.8





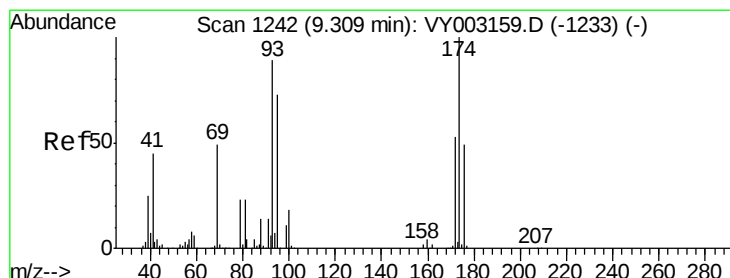
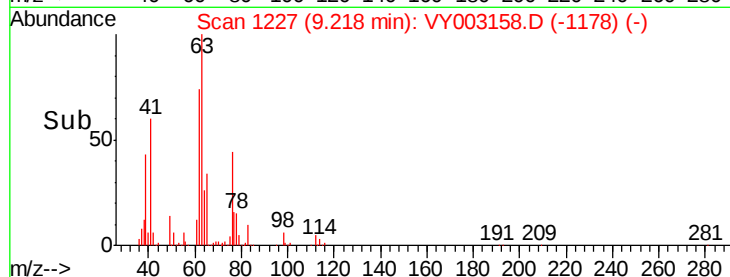
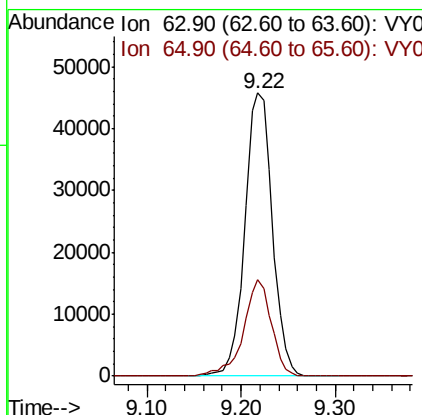
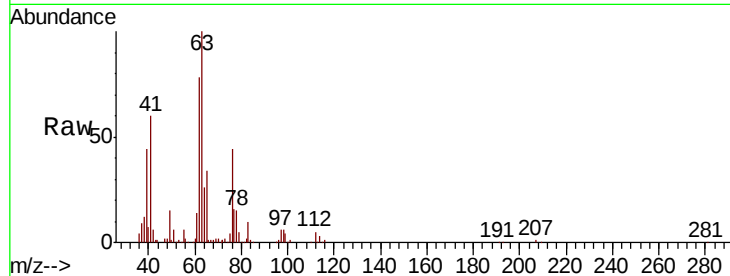
#45
 1,2-Dichloropropane
 Concen: 19.110 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY003158.D
 Acq: 10 Jul 2020 11:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
63	100		
65	34.1	25.0	37.4

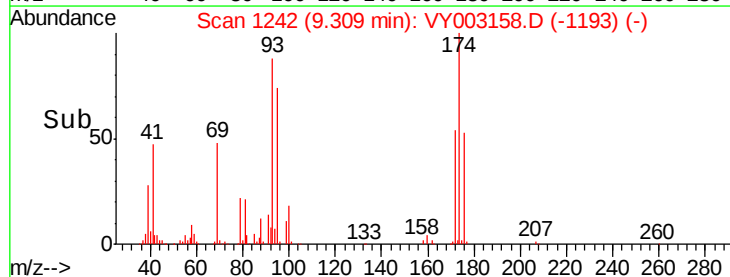
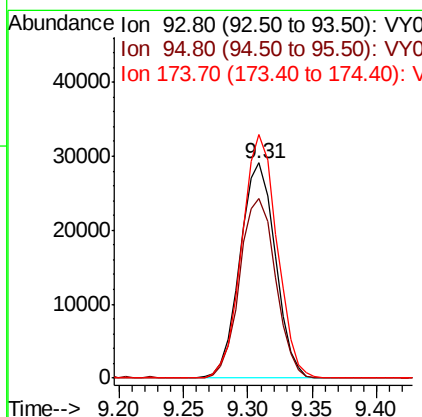
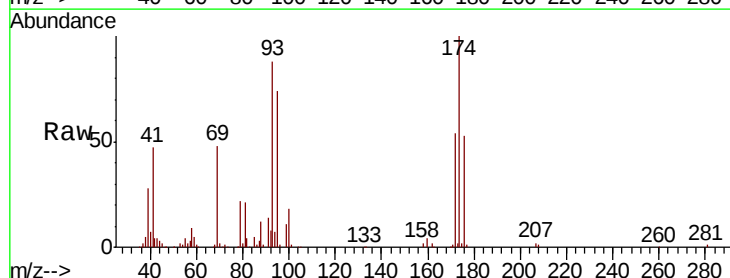
Manual Integrations
 APPROVED

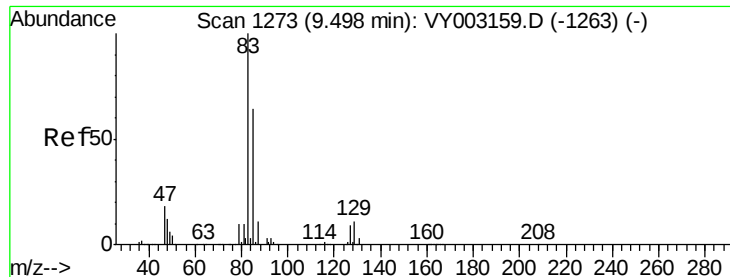
MMDadoda
 7/13/2020 10:47:35 AM



#46
 Dibromomethane
 Concen: 20.083 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY003158.D
 Acq: 10 Jul 2020 11:53

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.4	66.6	99.8
174	112.1	90.2	135.4





#47

Bromodichloromethane

Concen: 19.676 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY003158.D

Acq: 10 Jul 2020 11:53

Instrument :

MSVOA_Y

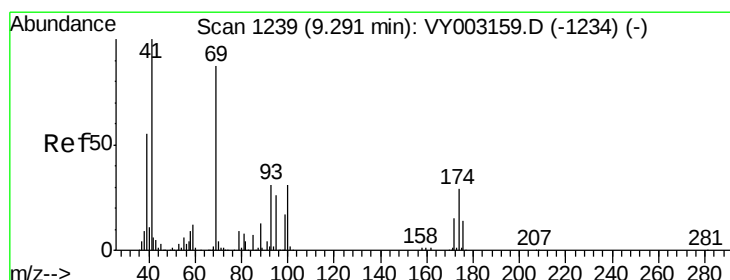
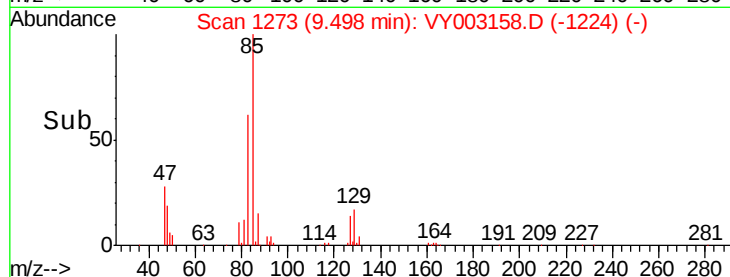
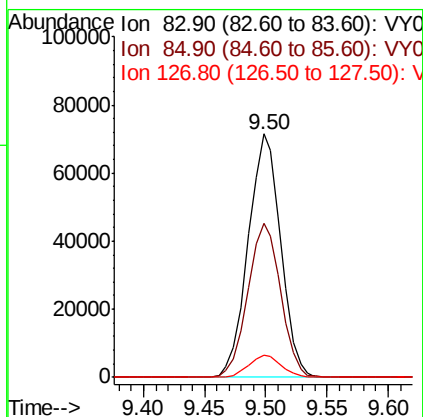
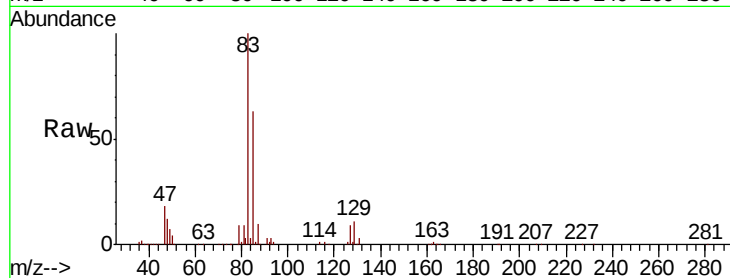
ClientSampleId :

VSTDIC020

Tot Ion:	83	Resp:	132147
Ion Ratio	Lower	Upper	
83	100		
85	63.3	50.9	76.3
127	9.1	7.0	10.4

Manual Integrations
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MMDadoda
7/13/2020 10:47:35 AM



#48

Methyl methacrylate

Concen: 17.599 ug/l

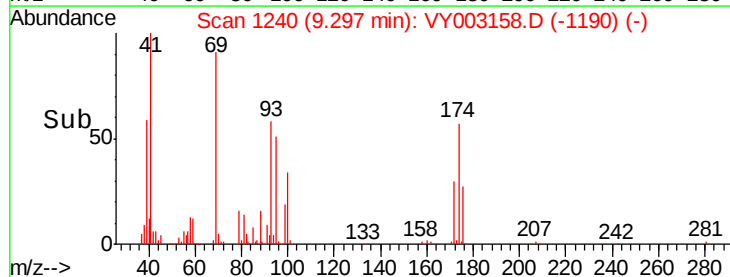
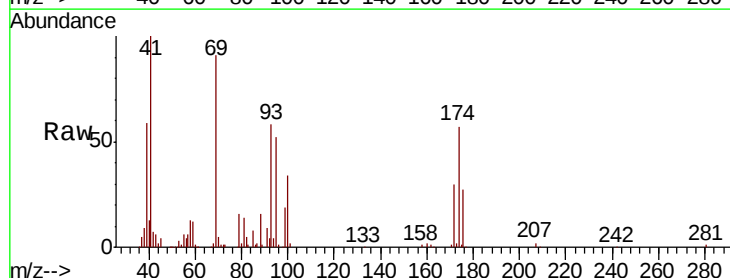
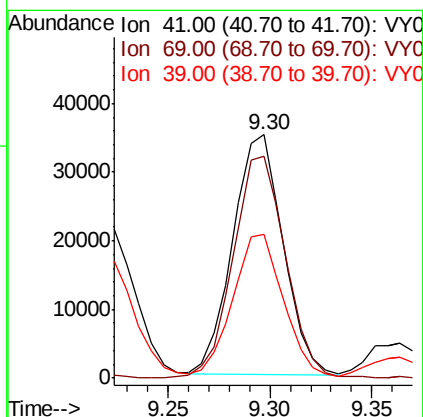
RT: 9.30 min Scan# 1240

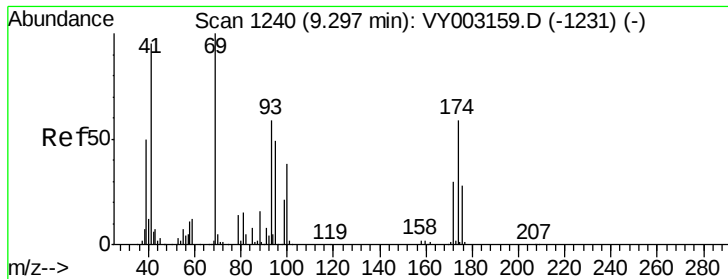
Delta R.T. 0.01 min

Lab File: VY003158.D

Acq: 10 Jul 2020 11:53

Tgt Ion:	41	Resp:	60011
Ion Ratio	Lower	Upper	
41	100		
69	96.3	74.5	111.7
39	58.9	47.5	71.3





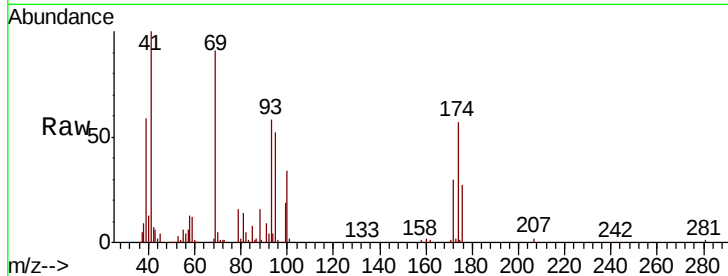
#49
1,4-Dioxane
Concen: 393.261 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VY003158.D
Acq: 10 Jul 2020 11:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tot Ion	88	Resp	13385
Ion	Ratio	Lower	Upper
88	100		
43	31.3	25.6	38.4
58	67.7	47.8	71.6

Manual Integrations
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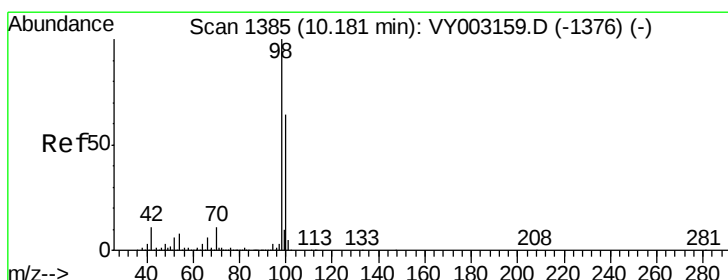
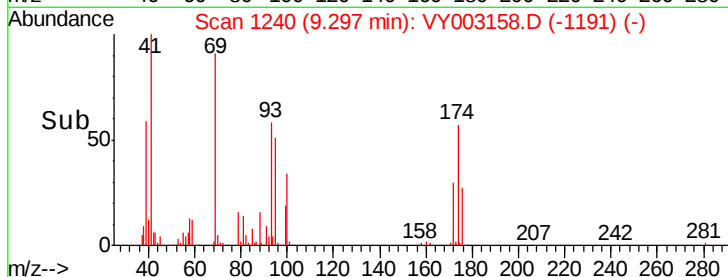
Abundance

Ion 88.00 (87.70 to 88.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

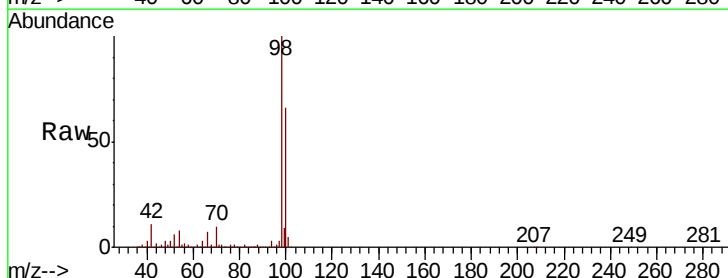
Ion 58.00 (57.70 to 58.70): VY0

Time-->



#50
Toluene-d8
Concen: 19.460 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY003158.D
Acq: 10 Jul 2020 11:53

Tgt Ion	98	Resp	309738
Ion	Ratio	Lower	Upper
98	100		
100	64.7	50.7	76.1

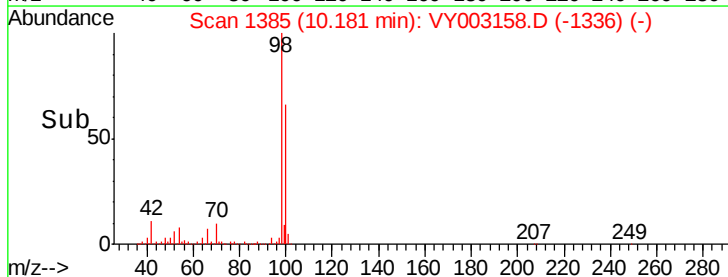


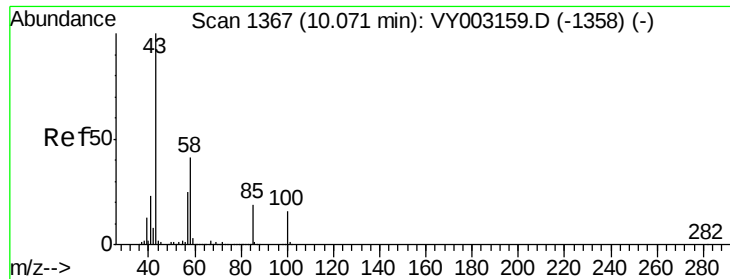
Abundance

Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0

Time-->





#51

4-Methyl-2-Pentanone

Concen: 91.550 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VY003158.D

Acq: 10 Jul 2020 11:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tot Ion: 43 Resp: 355168

Ion Ratio Lower Upper

43 100

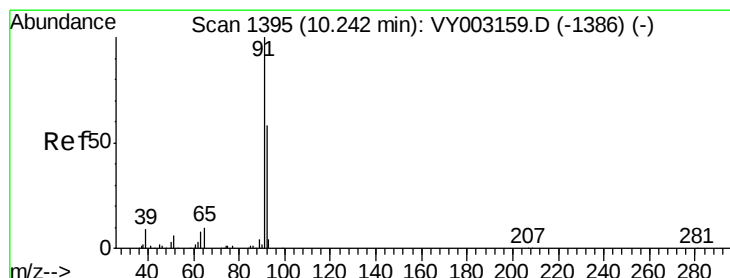
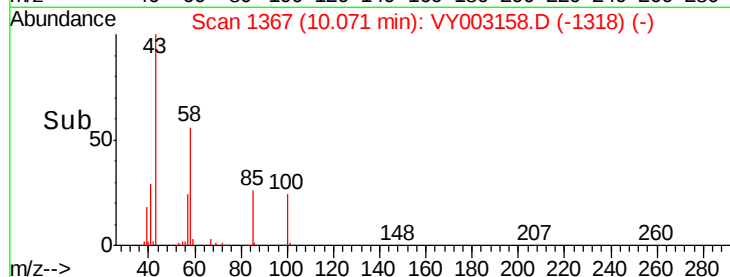
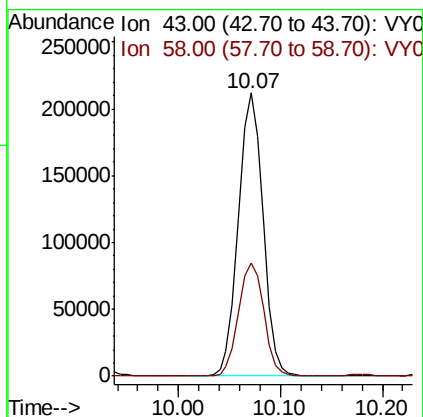
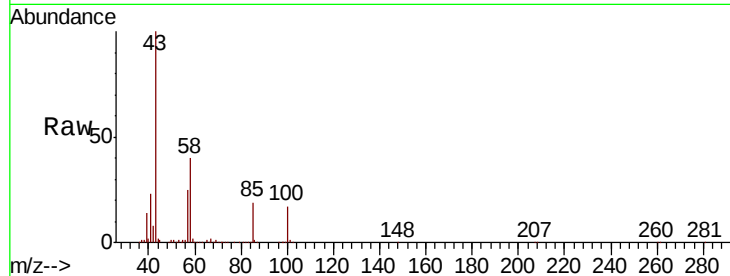
58 41.0 32.7 49.1

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7/13/2020 10:47:35 AM



#52

Toluene

Concen: 20.213 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. 0.00 min

Lab File: VY003158.D

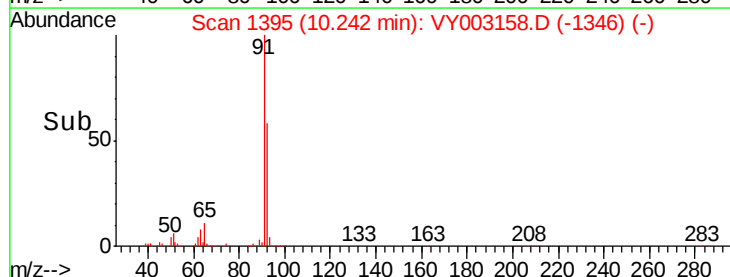
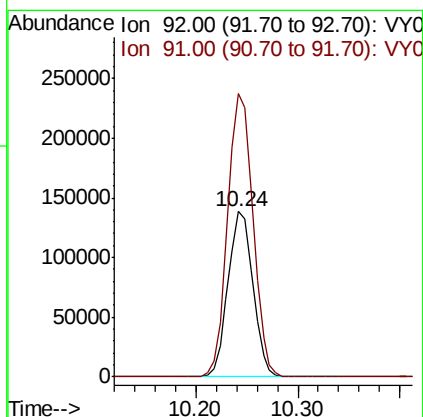
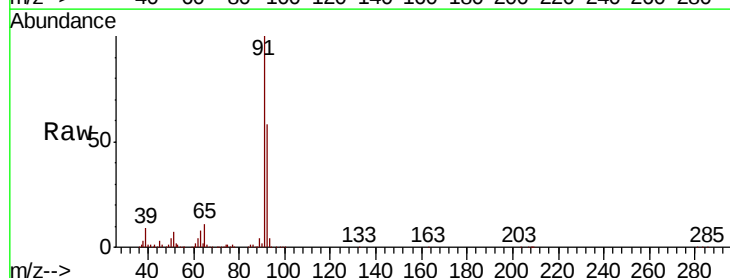
Acq: 10 Jul 2020 11:53

Tgt Ion: 92 Resp: 233820

Ion Ratio Lower Upper

92 100

91 174.4 139.7 209.5





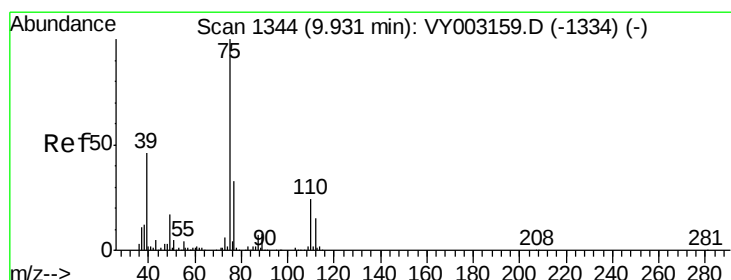
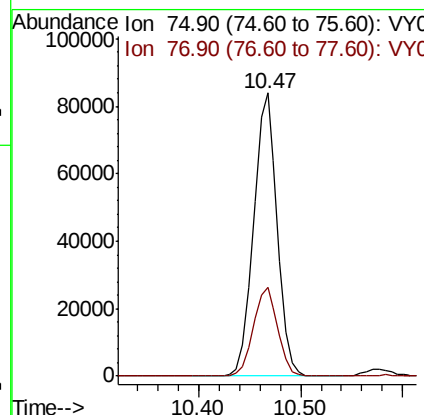
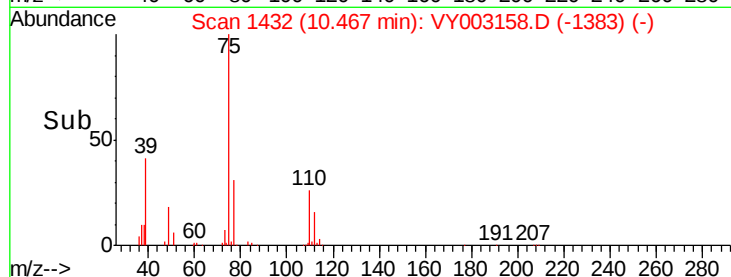
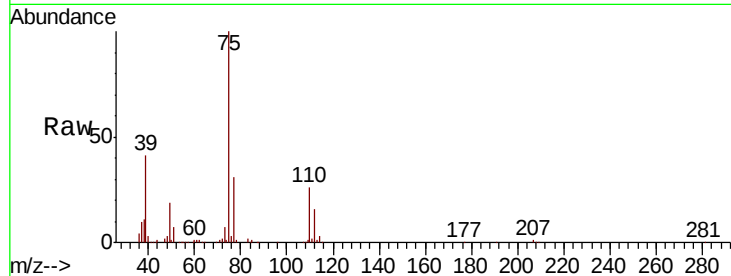
#53
t-1,3-Dichloropropene
Concen: 19.176 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VY003158.D
Acq: 10 Jul 2020 11:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.2	37.8

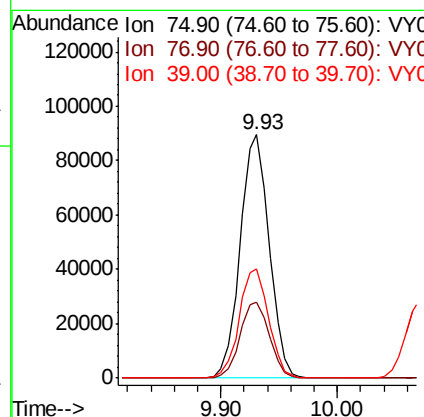
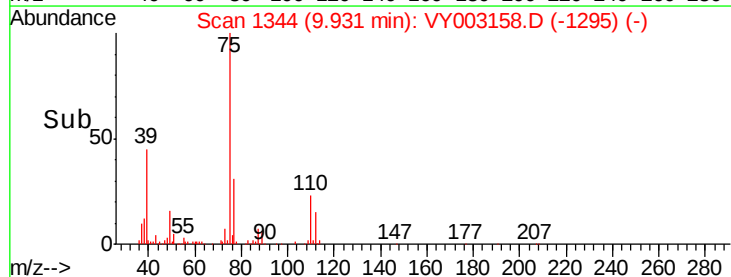
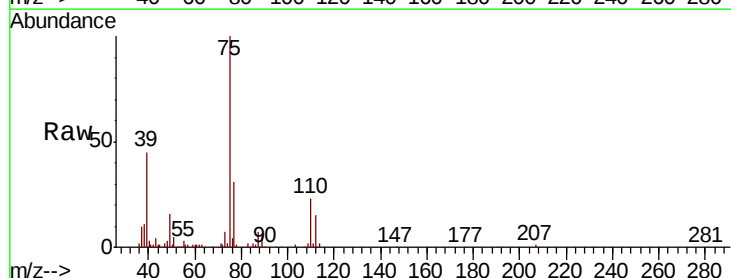
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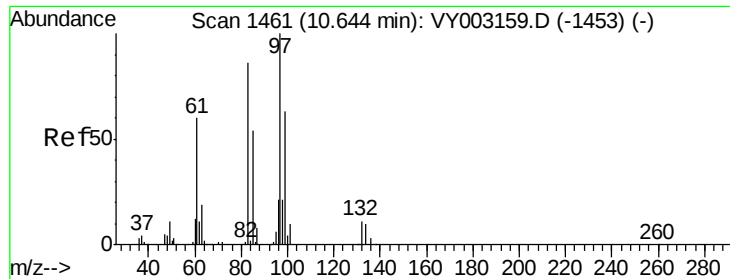
MMDadoda
7/13/2020 10:47:35 AM



#54
cis-1,3-Dichloropropene
Concen: 19.394 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. 0.00 min
Lab File: VY003158.D
Acq: 10 Jul 2020 11:53

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.1	26.7	40.1
39	44.8	37.0	55.6





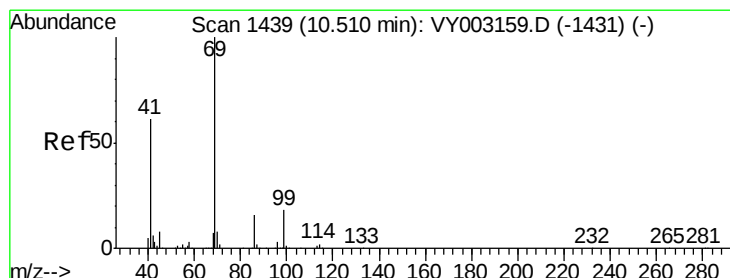
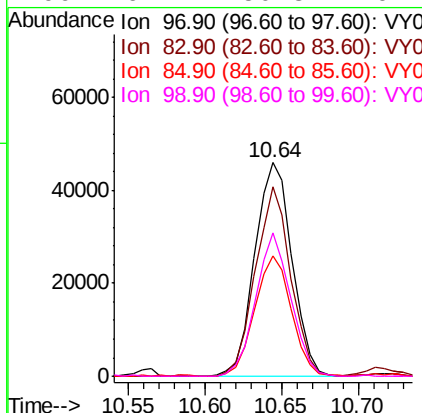
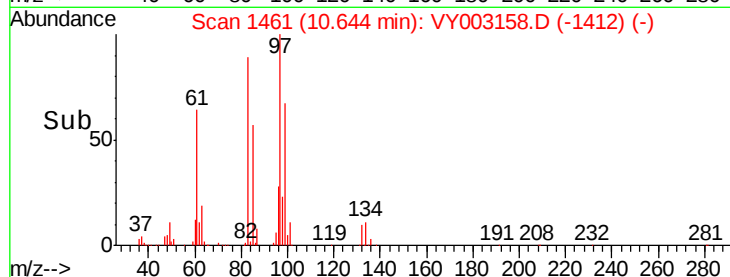
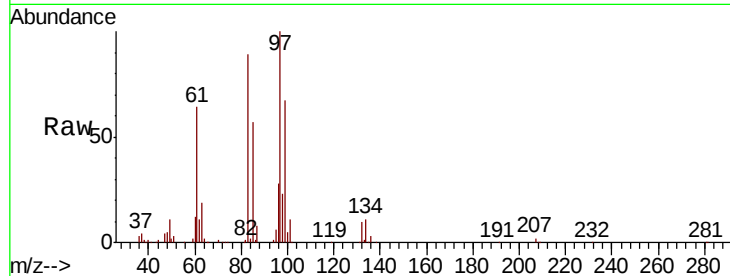
#55
 1,1,2-Trichloroethane
 Concen: 20.398 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY003158.D
 Acq: 10 Jul 2020 11:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Tot Ion:	97	Resp:	77843
Ion	Ratio	Lower	Upper
97	100		
83	88.4	68.8	103.2
85	56.2	43.1	64.7
99	67.1	50.8	76.2

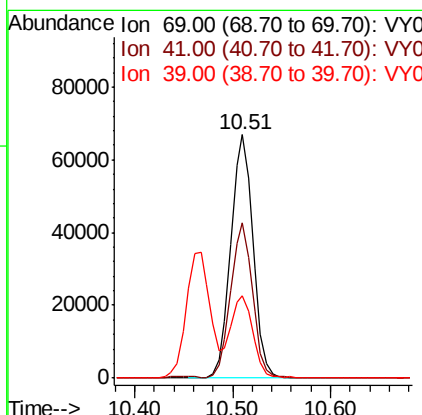
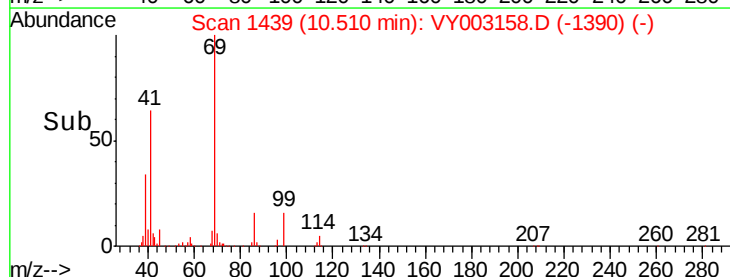
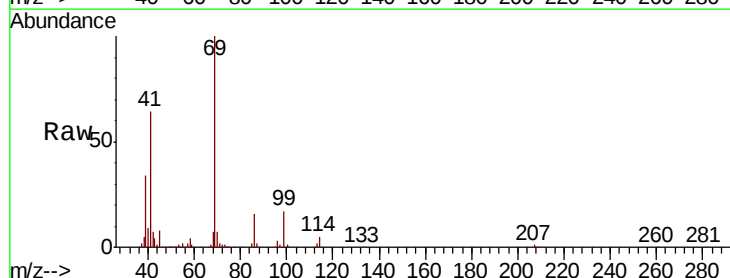
Manual Integrations
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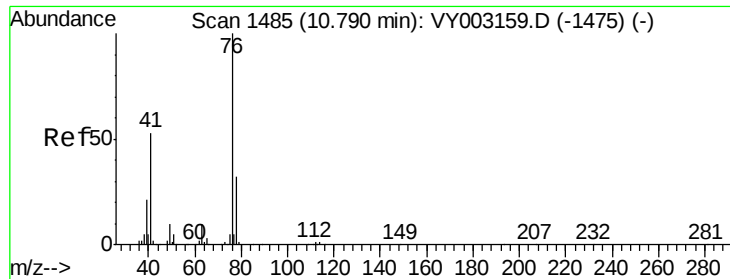
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 7/13/2020 10:47:35 AM



#56
 Ethyl methacrylate
 Concen: 19.217 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY003158.D
 Acq: 10 Jul 2020 11:53

Tgt Ion:	69	Resp:	105557
Ion	Ratio	Lower	Upper
69	100		
41	62.7	50.0	75.0
39	34.7	27.6	41.4





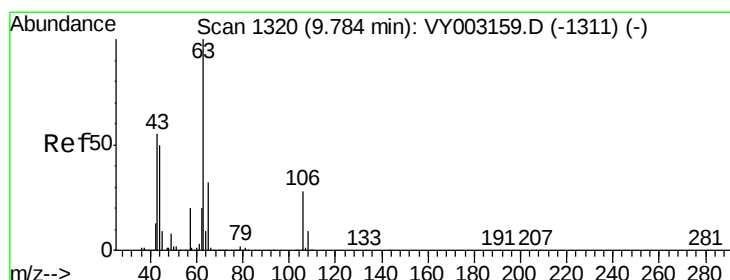
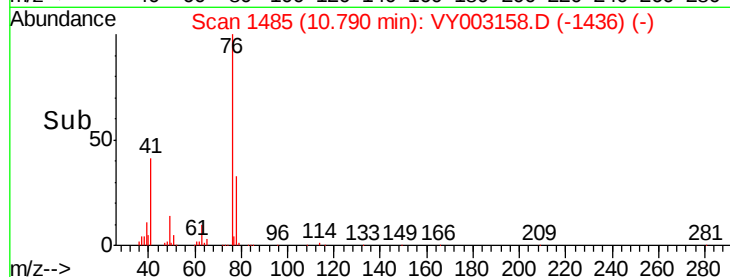
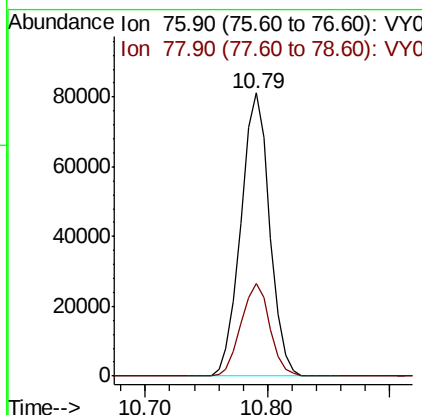
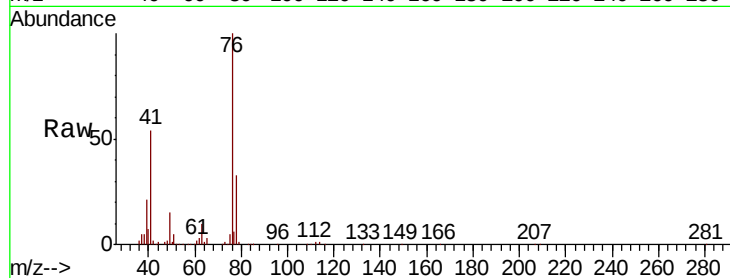
#57
 1,3-Dichloropropane
 Concen: 19.713 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VY003158.D
 Acq: 10 Jul 2020 11:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.9	26.0	39.0

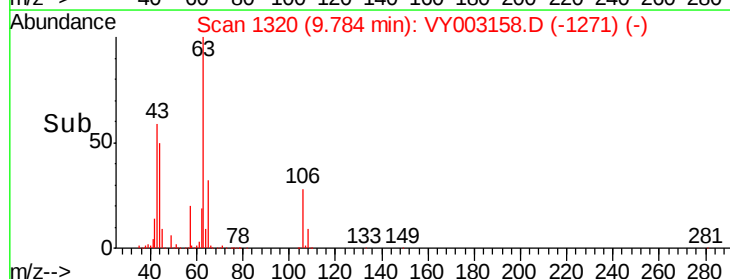
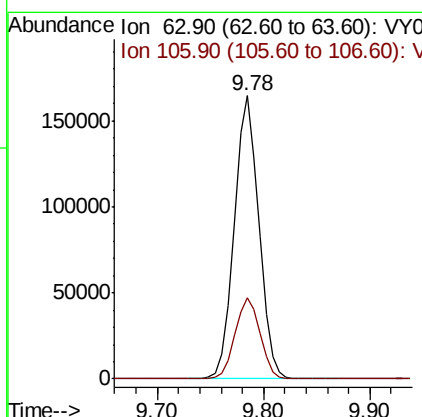
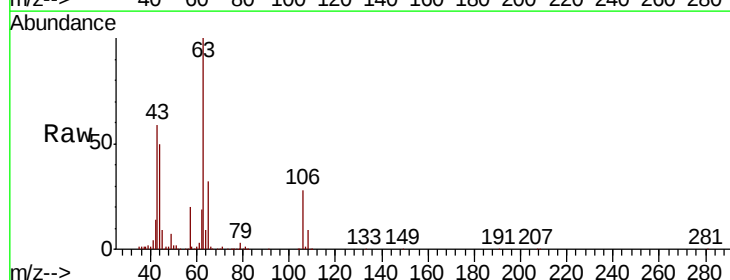
Manual Integrations
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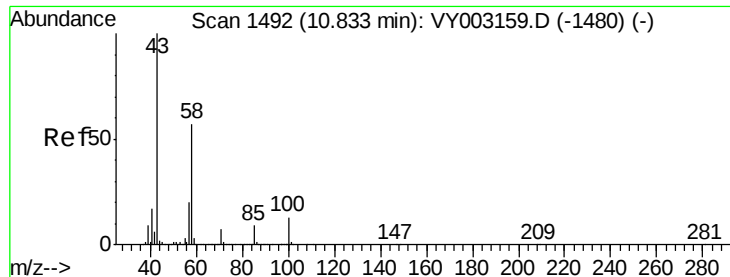
MMDadoda
 7/13/2020 10:47:35 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 95.684 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: VY003158.D
 Acq: 10 Jul 2020 11:53

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.3	22.9	34.3





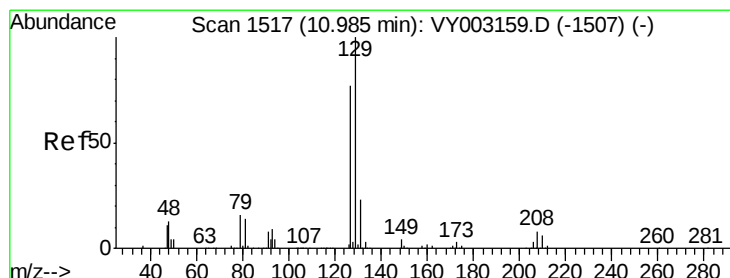
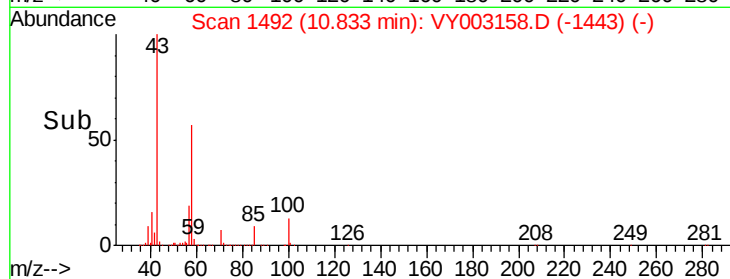
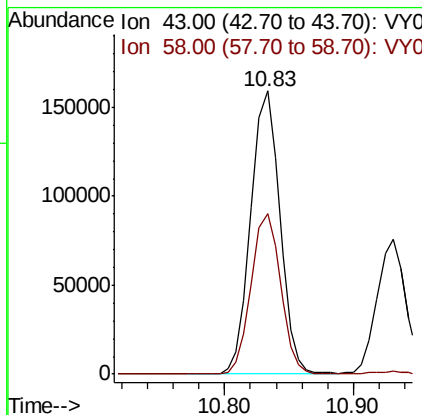
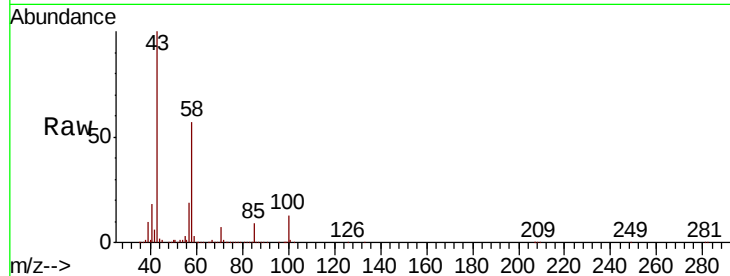
#59
2-Hexanone
Concen: 92.059 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY003158.D
Acq: 10 Jul 2020 11:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tot Ion: 43 Resp: 249329
Ion Ratio Lower Upper
43 100
58 57.5 28.3 85.0

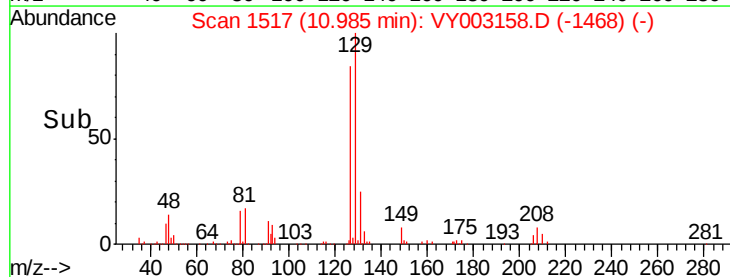
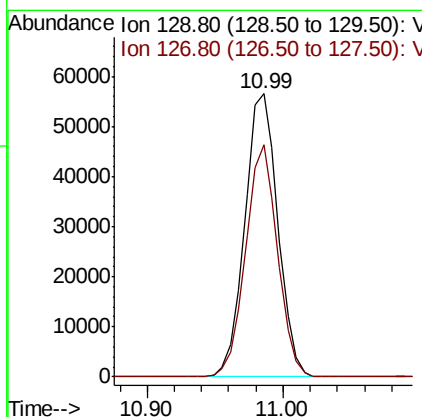
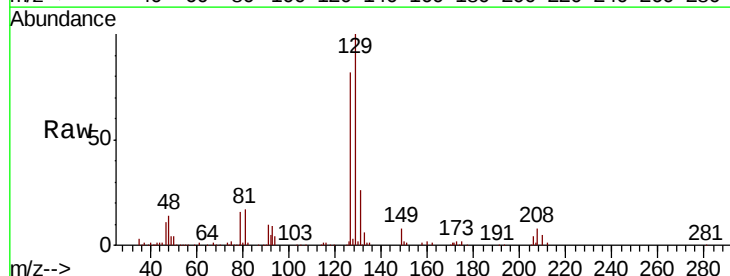
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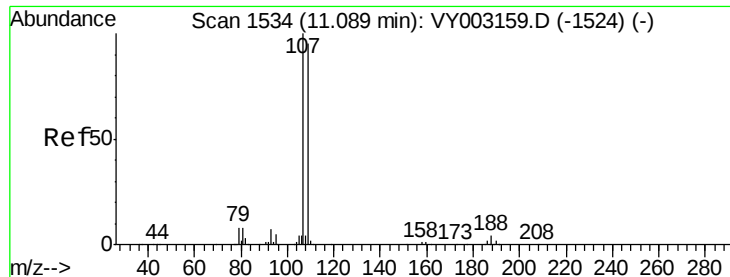
MMDadoda
7/13/2020 10:47:35 AM



#60
Dibromochloromethane
Concen: 19.667 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY003158.D
Acq: 10 Jul 2020 11:53

Tgt Ion: 129 Resp: 96283
Ion Ratio Lower Upper
129 100
127 79.1 38.5 115.5





#61

1,2-Dibromoethane

Concen: 20.607 ug/l

RT: 11.09 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VY003158.D

Acq: 10 Jul 2020 11:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tot Ion: 107 Resp: 77832

Ion Ratio Lower Upper

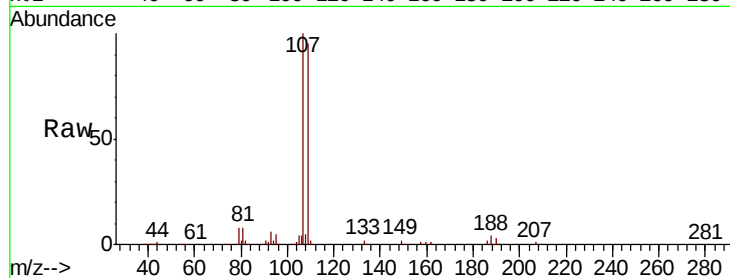
107 100

109 94.4 75.6 113.4

Manual Integrations
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7/13/2020 10:47:35 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.09

50000

40000

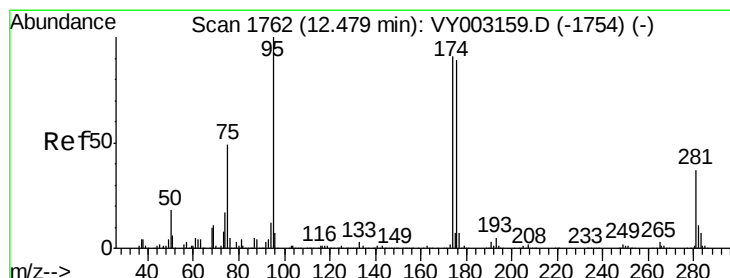
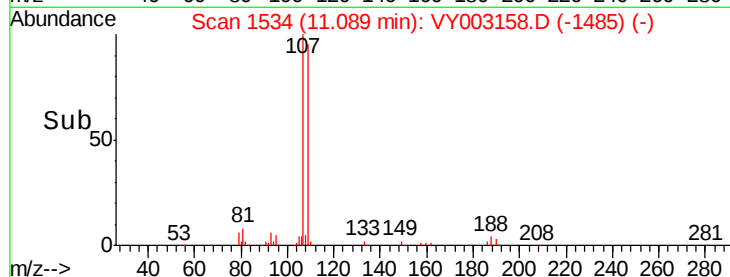
30000

20000

10000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 19.560 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003158.D

Acq: 10 Jul 2020 11:53

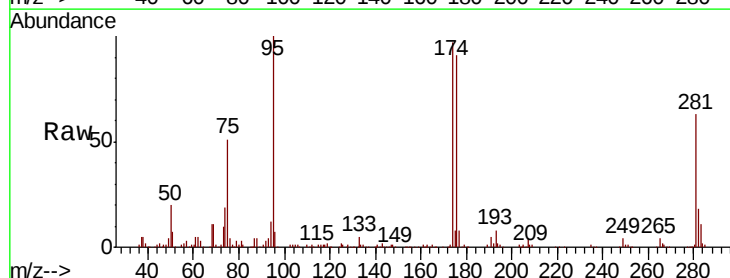
Tgt Ion: 95 Resp: 109739

Ion Ratio Lower Upper

95 100

174 95.5 0.0 190.6

176 95.3 0.0 186.4



Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

100000

80000

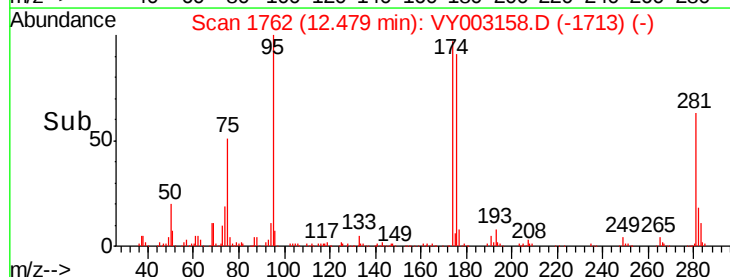
60000

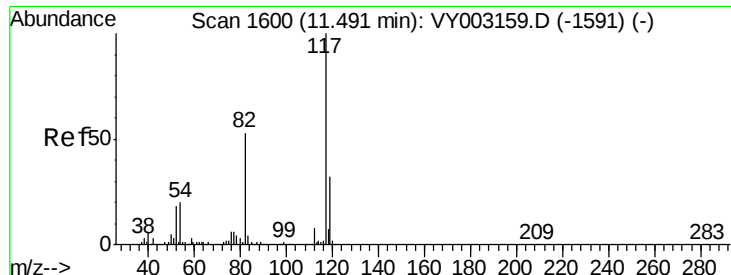
40000

20000

0

Time-->





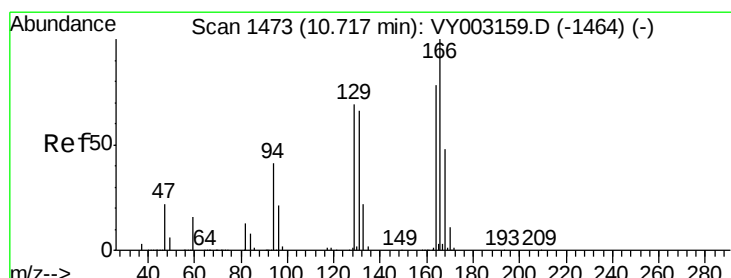
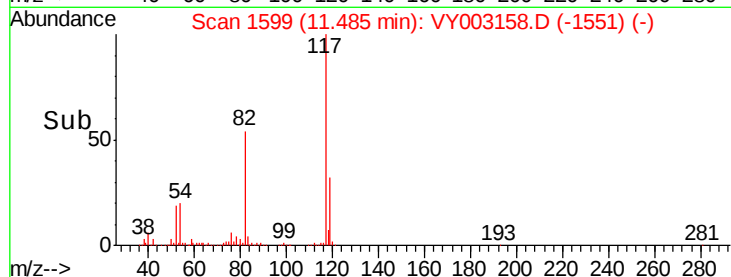
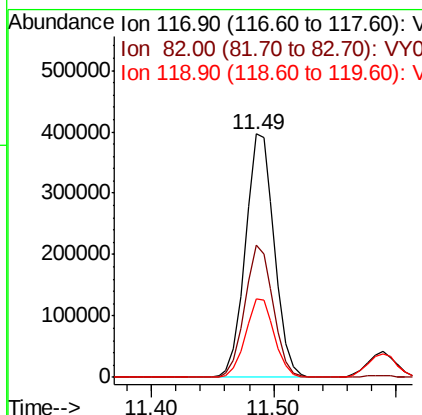
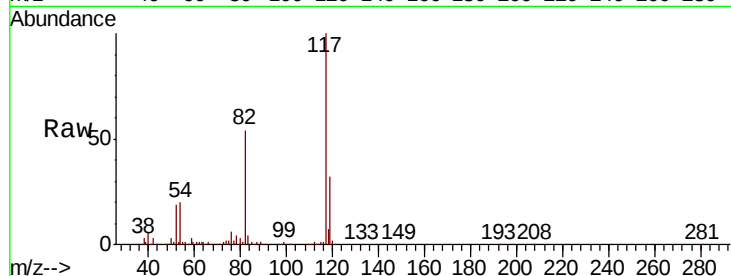
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY003158.D
Acq: 10 Jul 2020 11:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.2	42.0	63.0
119	32.0	25.5	38.3

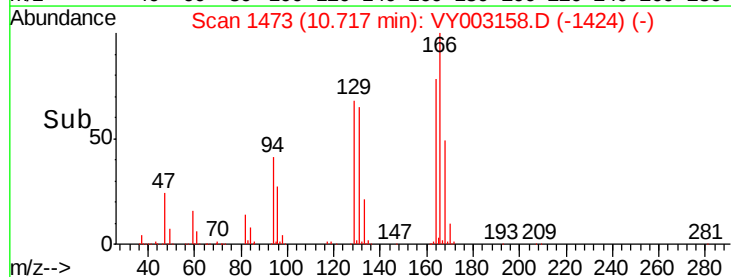
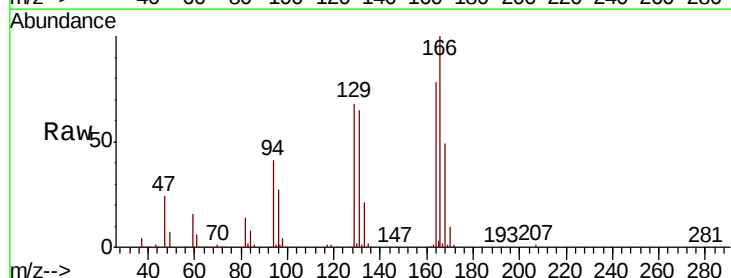
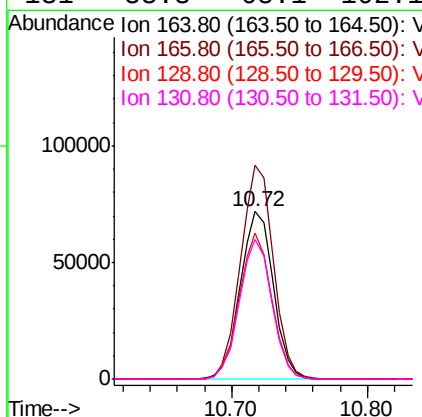
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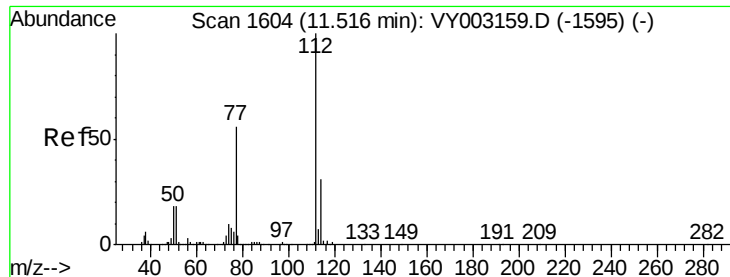
MMDadoda
7/13/2020 10:47:35 AM



#64
Tetrachloroethene
Concen: 22.297 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY003158.D
Acq: 10 Jul 2020 11:53

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.8	102.9	154.3
129	87.4	71.4	107.2
131	83.3	68.1	102.1





#65

Chlorobenzene

Concen: 20.701 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VY003158.D

Acq: 10 Jul 2020 11:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tot Ion:112 Resp: 262015

Ion Ratio Lower Upper

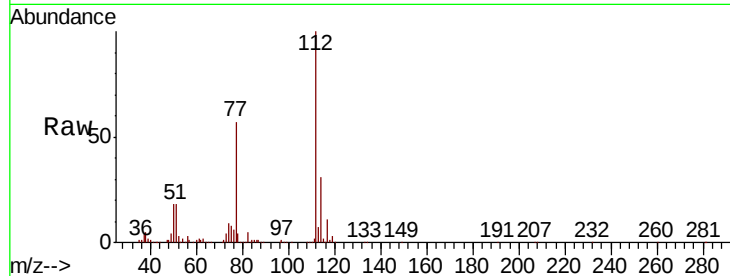
112 100

114 30.5 24.7 37.1

Manual Integrations
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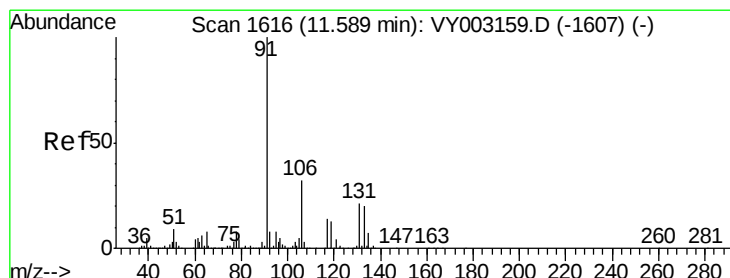
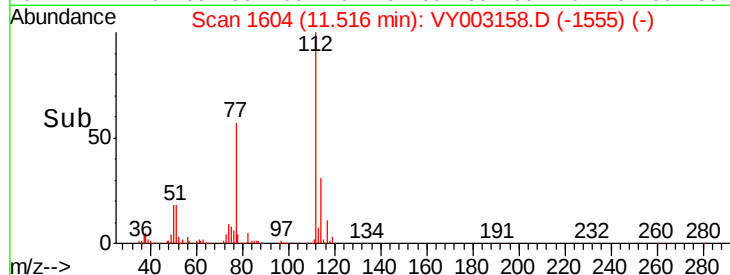
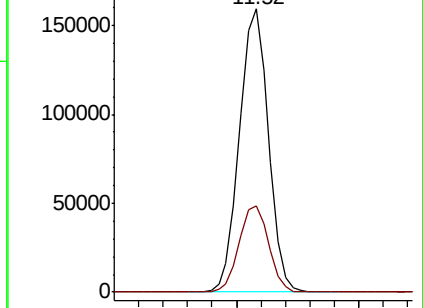
MMDadoda

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.255 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY003158.D

Acq: 10 Jul 2020 11:53

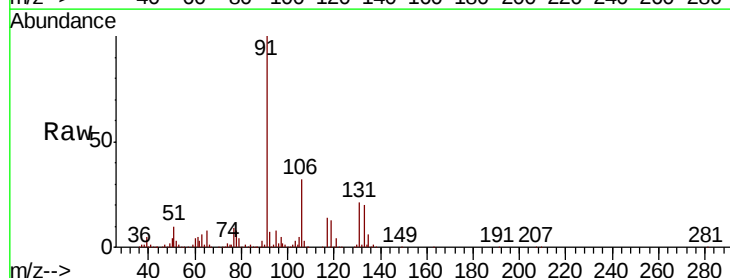
Tgt Ion:131 Resp: 99769

Ion Ratio Lower Upper

131 100

133 96.7 48.0 144.0

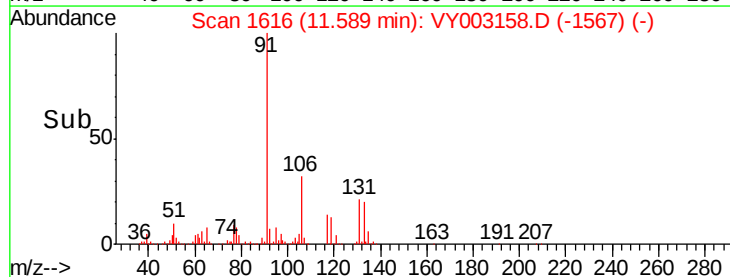
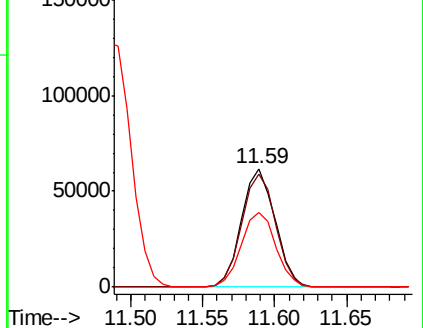
119 65.4 32.4 97.0

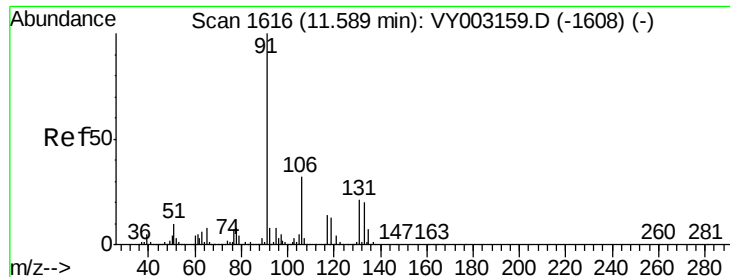


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 19.951 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY003158.D

Acq: 10 Jul 2020 11:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tot Ion: 91 Resp: 460957

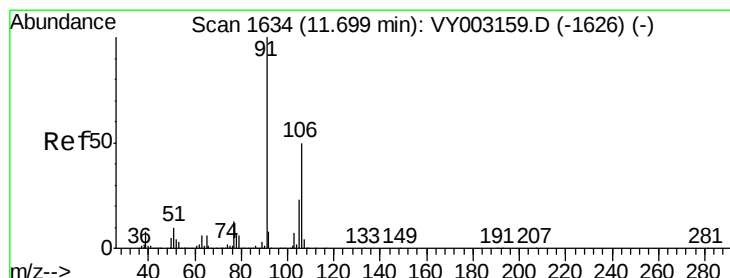
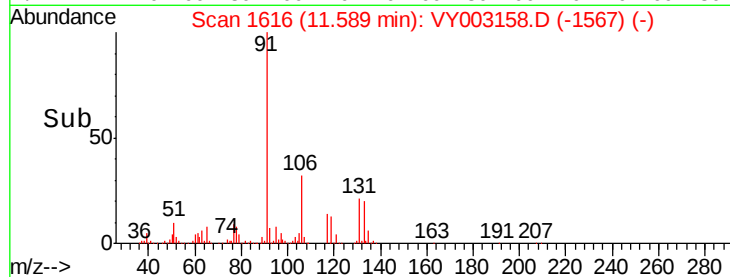
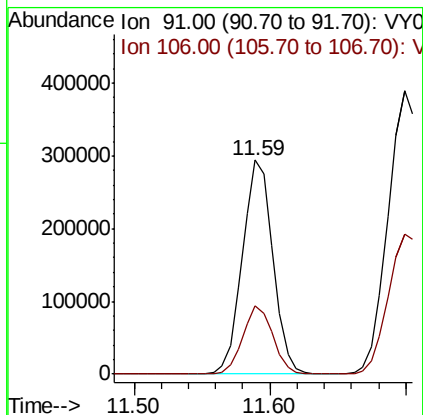
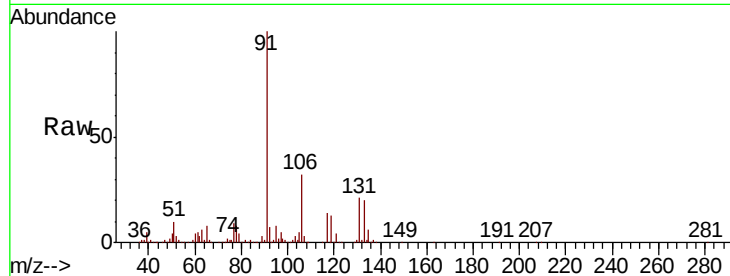
Ion Ratio Lower Upper

91 100

106 31.8 25.5 38.3

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#68

m/p-Xylenes

Concen: 40.803 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VY003158.D

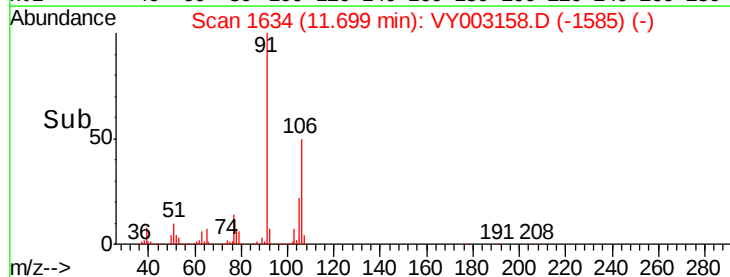
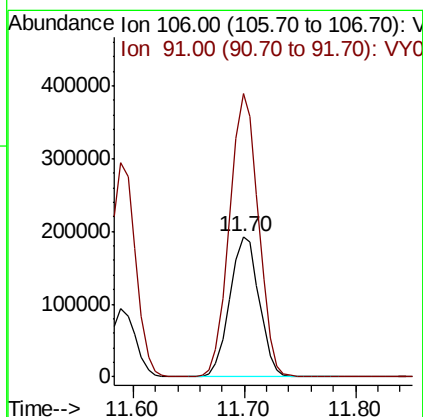
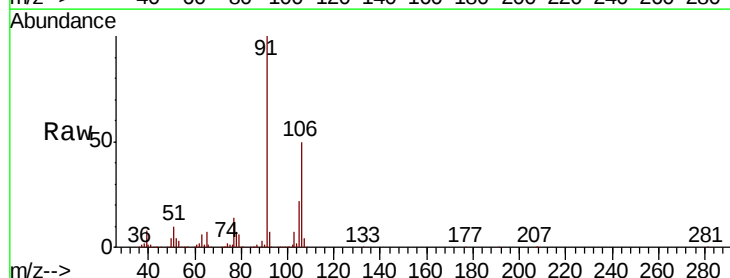
Acq: 10 Jul 2020 11:53

Tgt Ion: 106 Resp: 350675

Ion Ratio Lower Upper

106 100

91 199.4 159.0 238.6





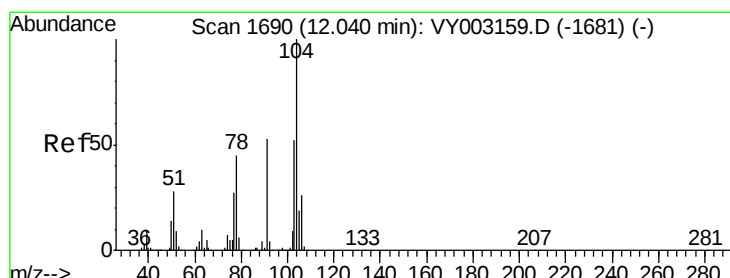
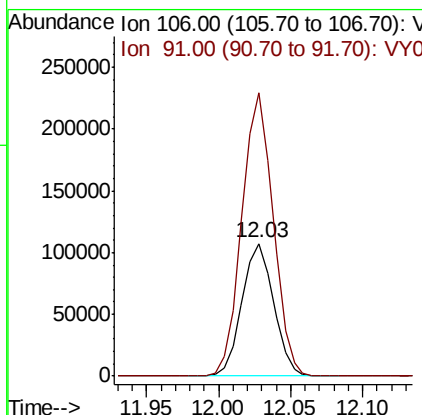
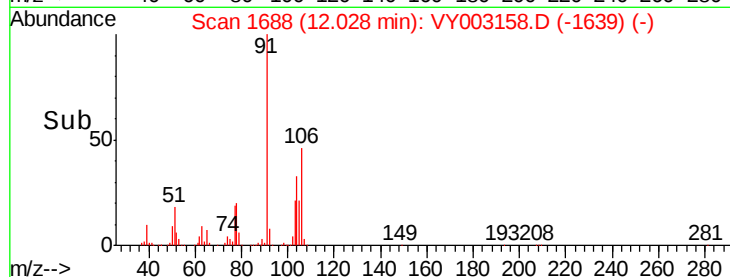
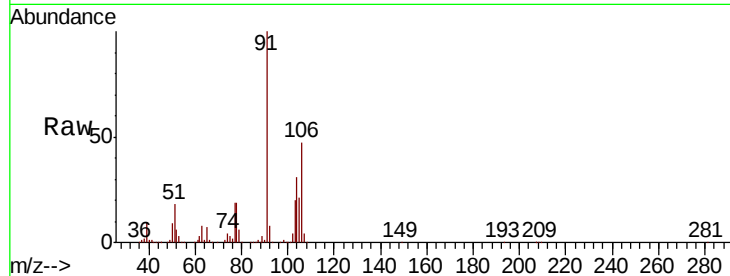
#69
o-Xylene
Concen: 20.225 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY003158.D
Acq: 10 Jul 2020 11:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tot Ion	Ion	Ratio	Lower	Upper
106	106	100		
91	210.9	105.1	315.1	

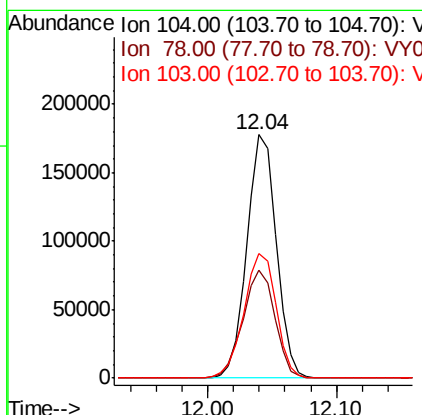
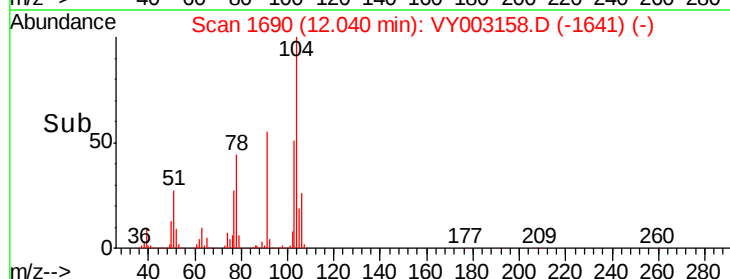
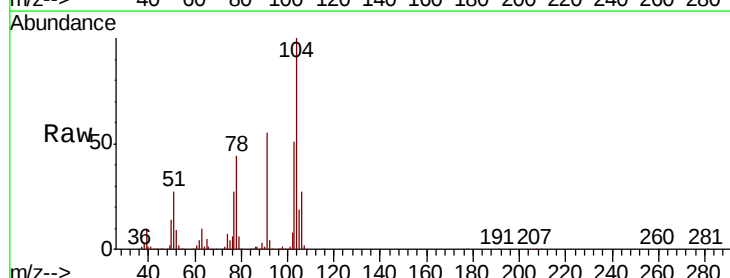
Manual Integrations
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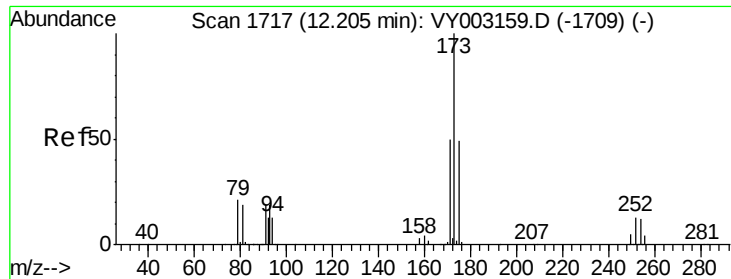
MMDadoda
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#70
Styrene
Concen: 20.228 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY003158.D
Acq: 10 Jul 2020 11:53

Tgt Ion	Ion	Ratio	Lower	Upper
104	104	100		
78	48.5	38.5	57.7	
103	56.0	43.9	65.9	





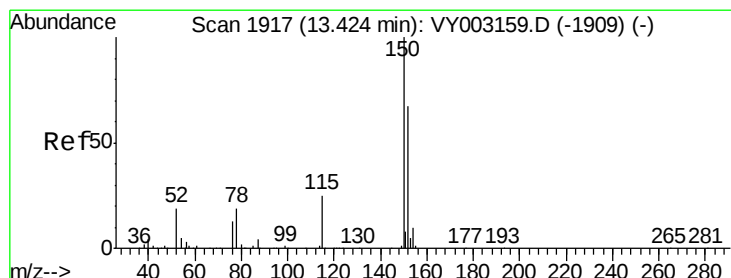
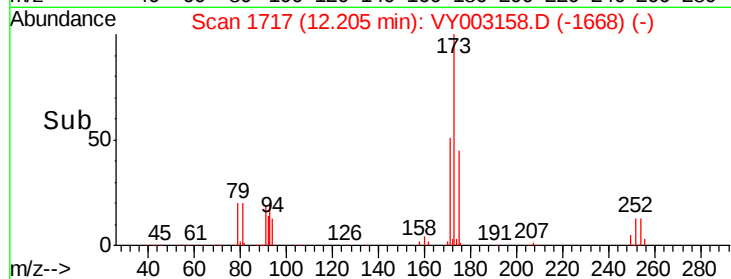
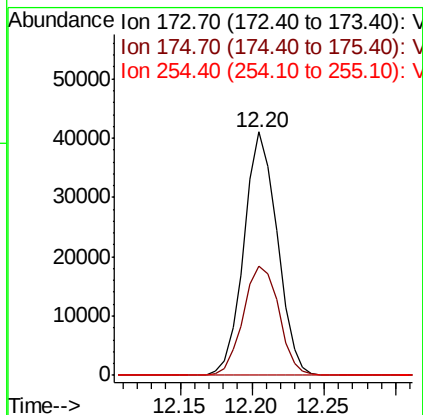
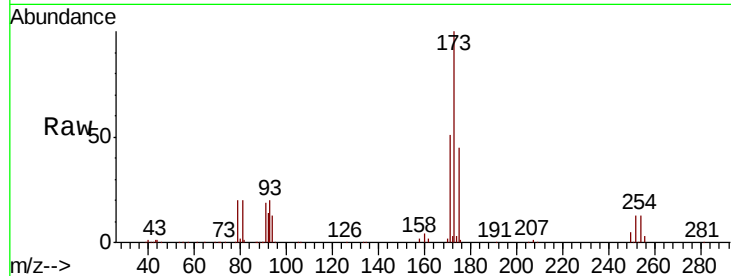
#71
Bromoform
Concen: 20.091 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VY003158.D
Acq: 10 Jul 2020 11:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.1	24.3	73.0
254	0.0	0.2	0.2

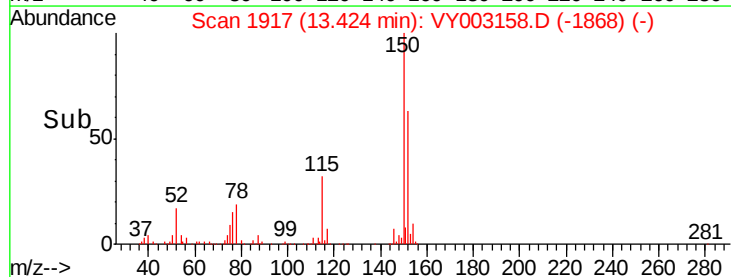
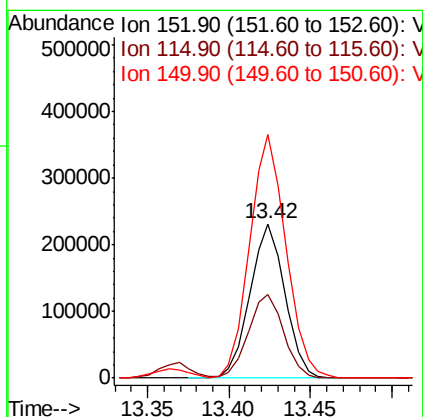
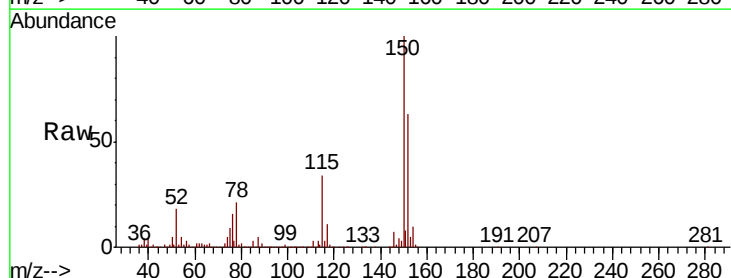
Manual Integrations
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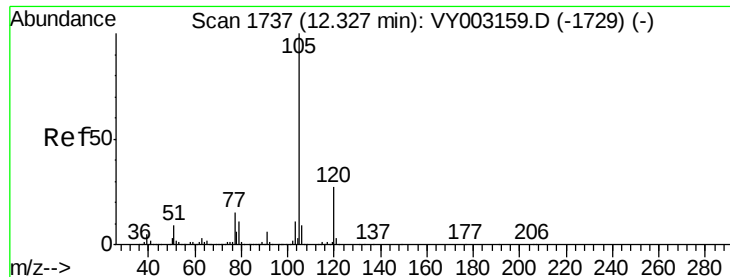
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY003158.D
Acq: 10 Jul 2020 11:53

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.3	26.9	80.7
150	163.5	0.0	338.0





#73

Isopropylbenzene

Concen: 20.336 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY003158.D

Acq: 10 Jul 2020 11:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tot Ion: 105 Resp: 454287

Ion Ratio Lower Upper

105 100

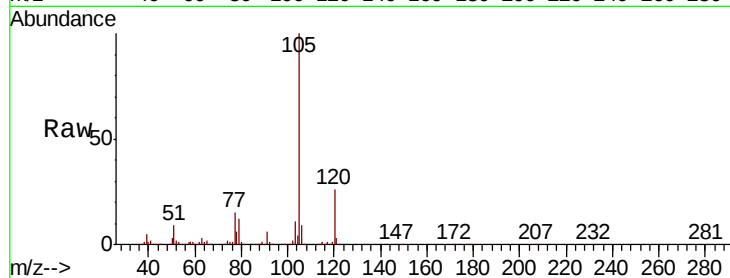
120 26.6 13.4 40.2

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.33

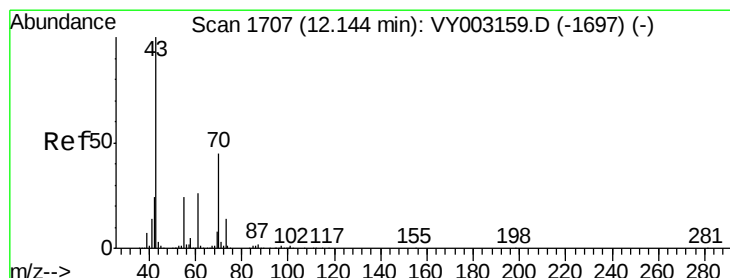
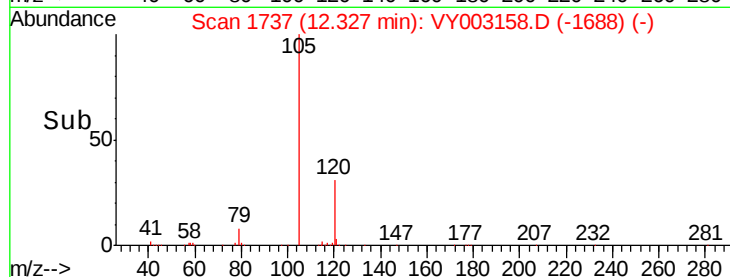
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 18.170 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY003158.D

Acq: 10 Jul 2020 11:53

Tgt Ion: 43 Resp: 129001

Ion Ratio Lower Upper

43 100

70 44.8 35.6 53.4

55 24.6 19.4 29.2

61 25.0 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

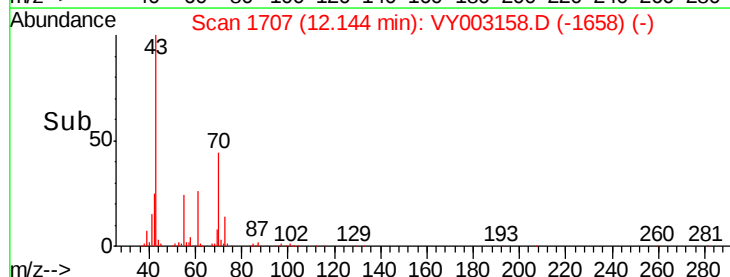
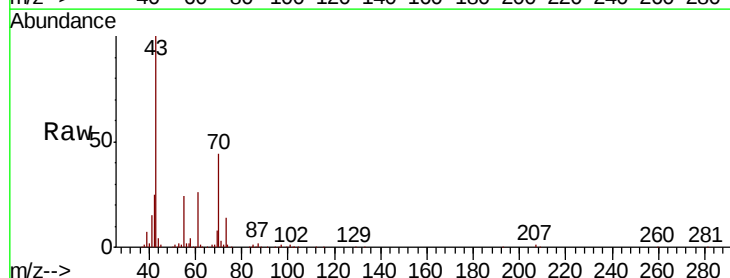
Ion 61.00 (60.70 to 61.70): VY0

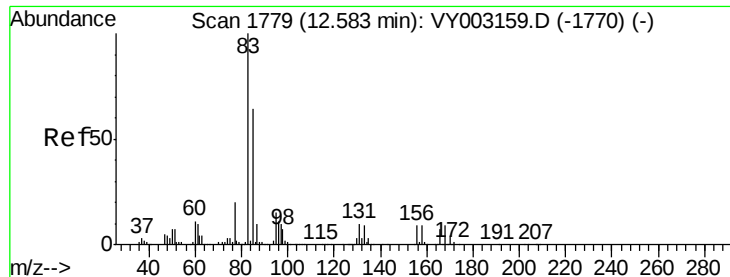
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.775 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY003158.D

Acq: 10 Jul 2020 11:53

Instrument :

MSVOA_Y

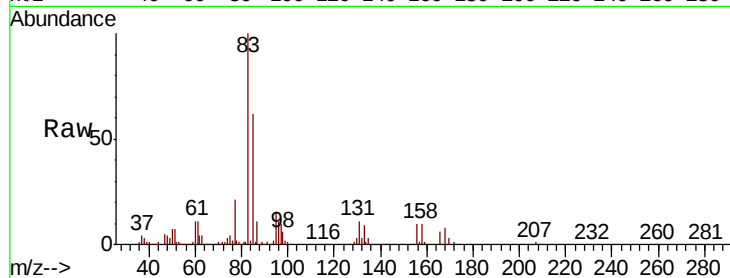
ClientSampleId :

VSTDIC020

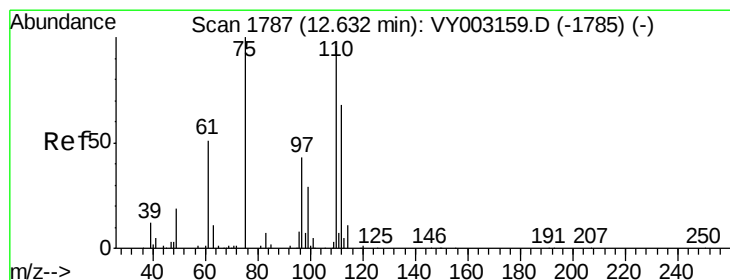
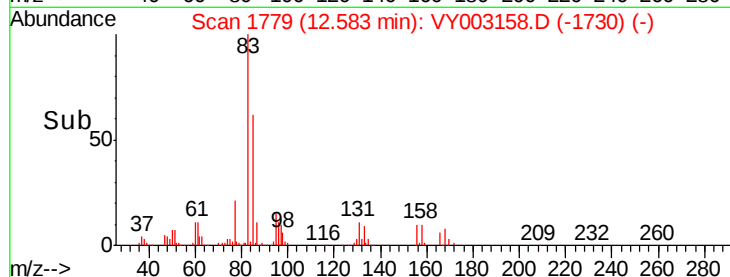
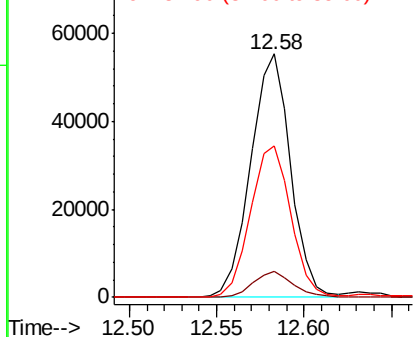
Tot Ion:	83	Resp:	88423
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.2	15.6
85	63.1	32.0	96.0

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 130.80 (130.50 to 131.50): VY0
Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 19.373 ug/l m

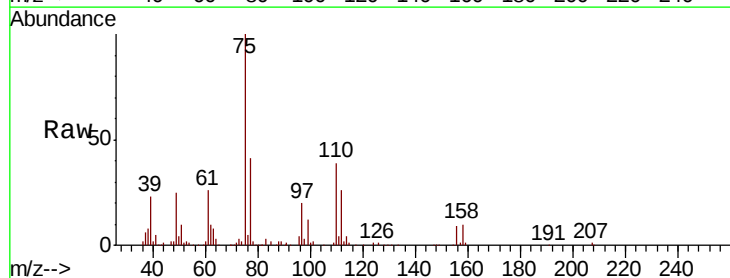
RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

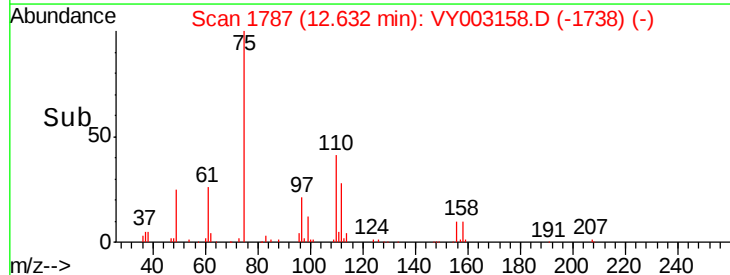
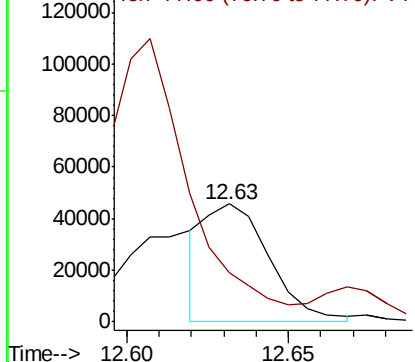
Lab File: VY003158.D

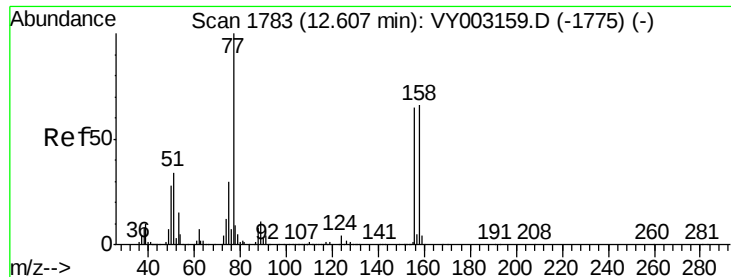
Acq: 10 Jul 2020 11:53

Tgt Ion:	75	Resp:	64284
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 77.00 (76.70 to 77.70): VY0





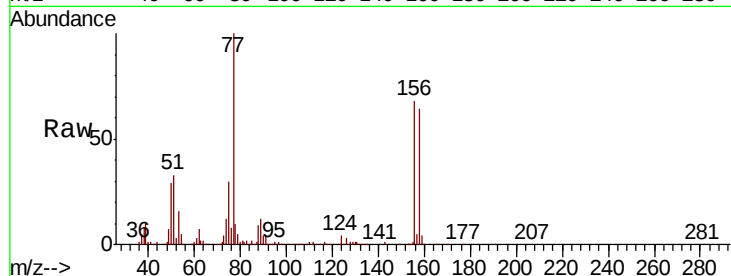
#77
Bromobenzene
Concen: 20.354 ug/l
RT: 12.61 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VY003158.D
Acq: 10 Jul 2020 11:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

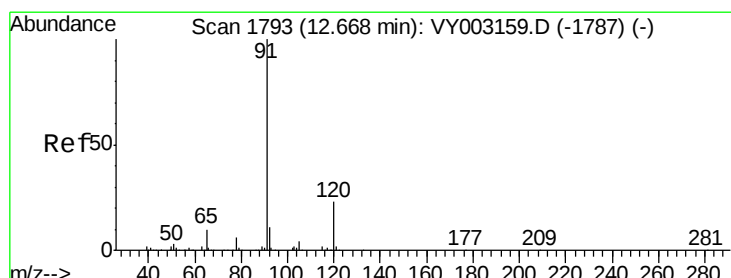
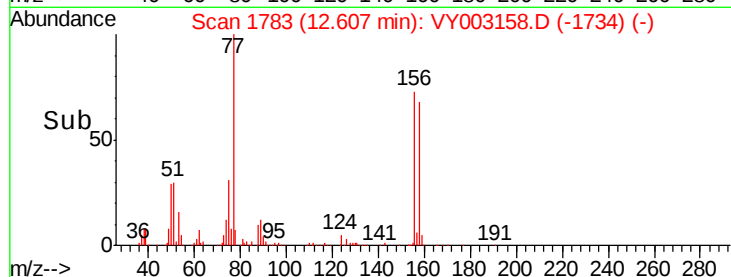
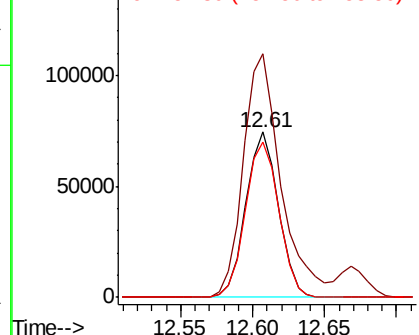
Tot Ion	Ratio	Lower	Upper
156	100		
77	170.0	86.6	259.7
158	96.8	49.4	148.0

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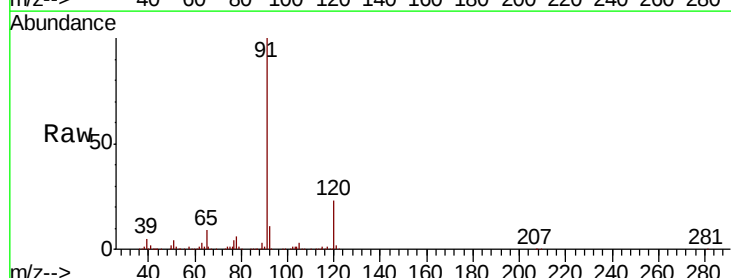


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VY0
Ion 157.80 (157.50 to 158.50): V

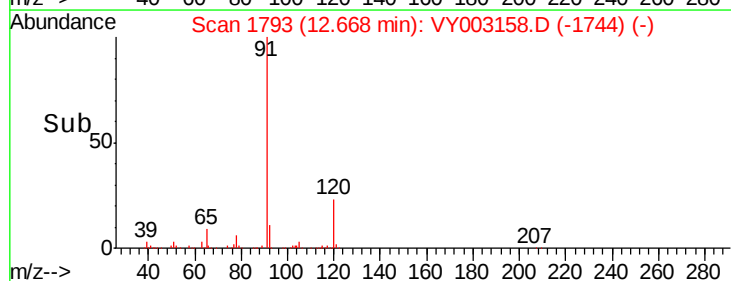
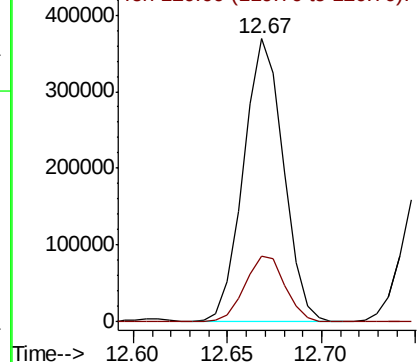


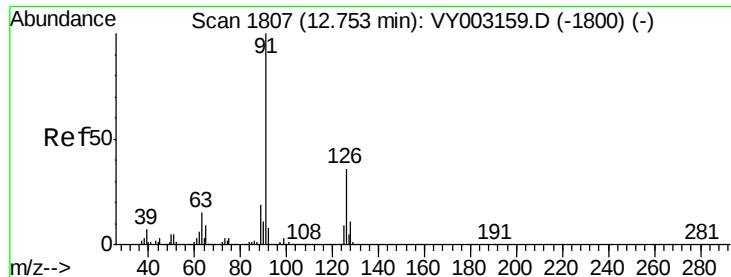
#78
n-propylbenzene
Concen: 20.250 ug/l
RT: 12.67 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VY003158.D
Acq: 10 Jul 2020 11:53

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.4	11.7	35.1



Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.346 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY003158.D

Acq: 10 Jul 2020 11:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tot Ion: 91 Resp: 304288

Ion Ratio Lower Upper

91 100

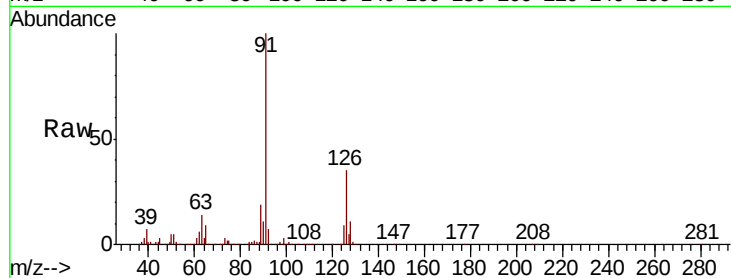
126 34.8 17.6 52.9

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Abundance Ion 91.00 (90.70 to 91.70): VY003158.D (-1758) (-)

Ion 125.90 (125.60 to 126.60): VY003158.D (-1758) (-)

300000

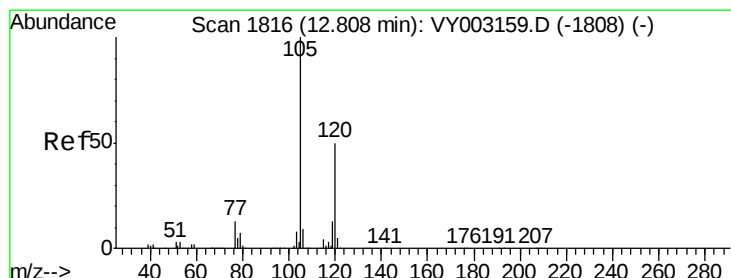
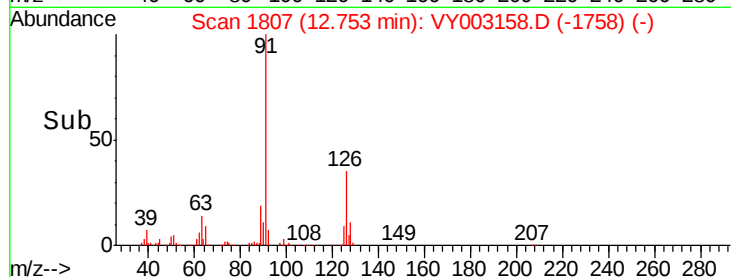
200000

100000

0

12.70 12.75 12.80

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 20.438 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VY003158.D

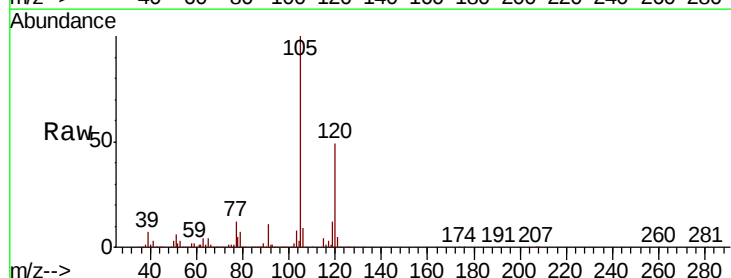
Acq: 10 Jul 2020 11:53

Tgt Ion: 105 Resp: 382676

Ion Ratio Lower Upper

105 100

120 49.9 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VY003158.D (-1767) (-)

Ion 120.00 (119.70 to 120.70): VY003158.D (-1767) (-)

300000

250000

200000

150000

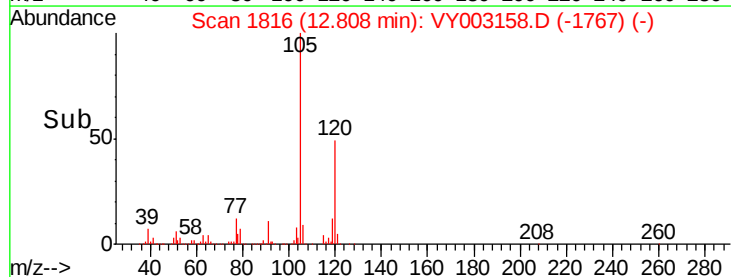
100000

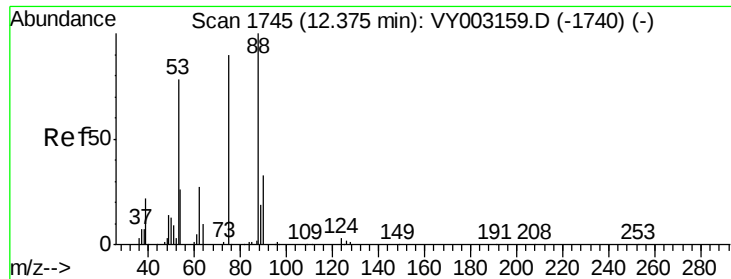
50000

0

12.70 12.80 12.90

Time-->





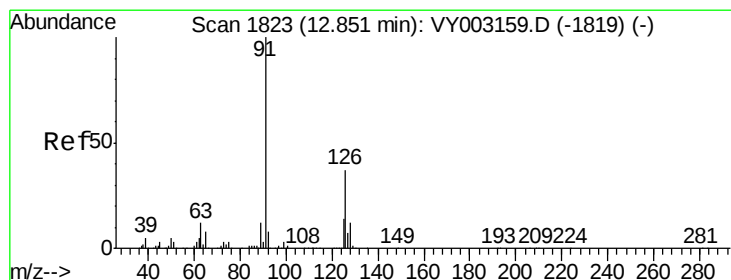
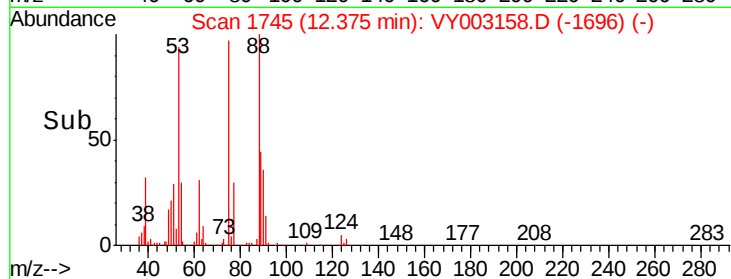
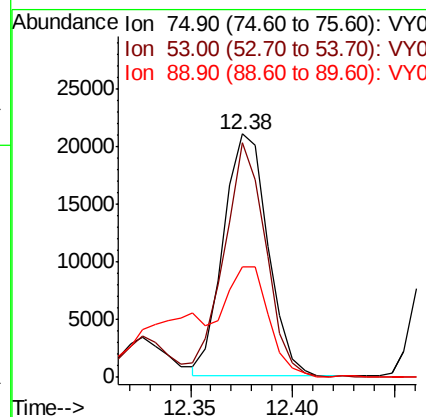
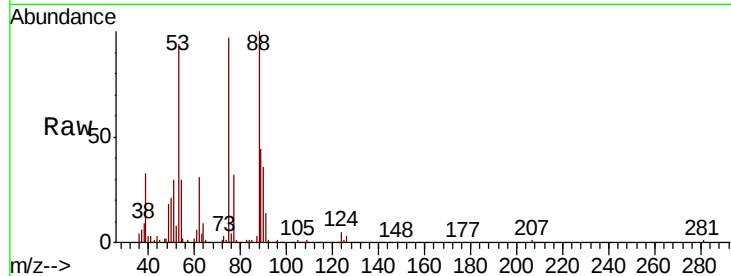
#81
trans-1,4-Dichloro-2-butene
Concen: 18.617 ug/l
RT: 12.38 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VY003158.D
Acq: 10 Jul 2020 11:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
75	100		
53	92.2	72.0	108.0
89	46.8	37.3	55.9

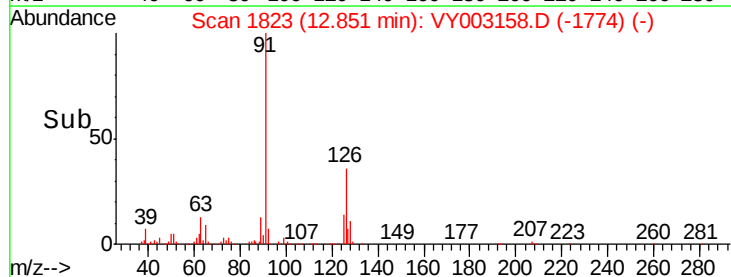
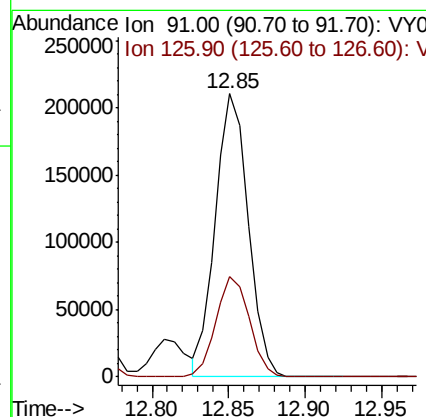
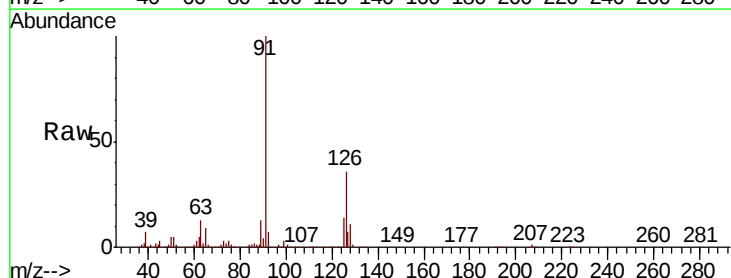
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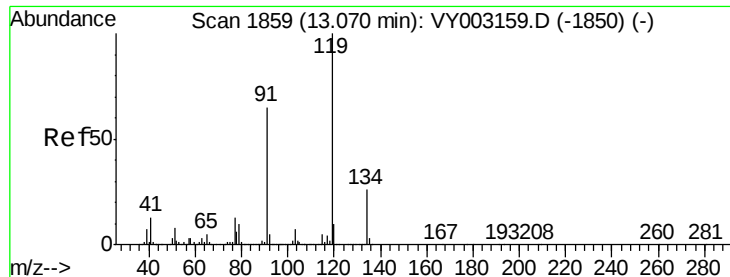
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#82
4-Chlorotoluene
Concen: 20.161 ug/l
RT: 12.85 min Scan# 1823
Delta R.T. 0.00 min
Lab File: VY003158.D
Acq: 10 Jul 2020 11:53

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.2	17.9	53.7





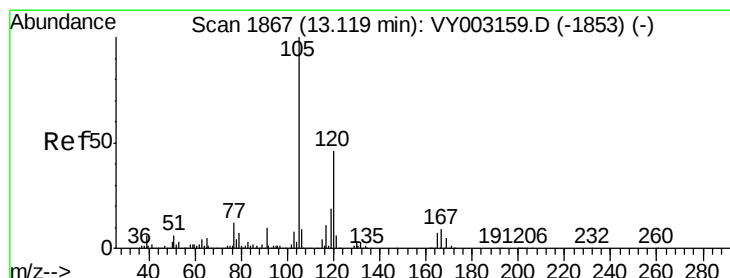
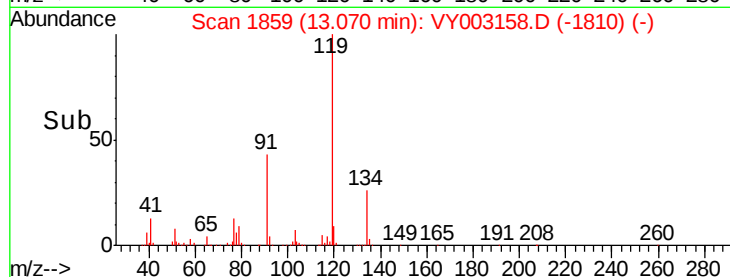
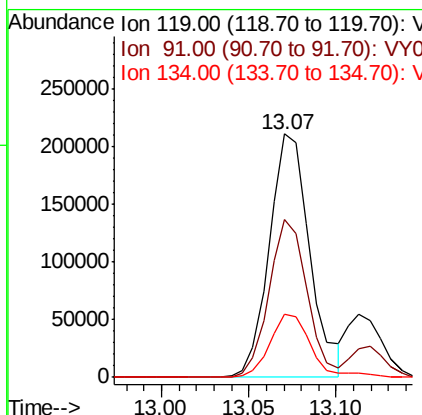
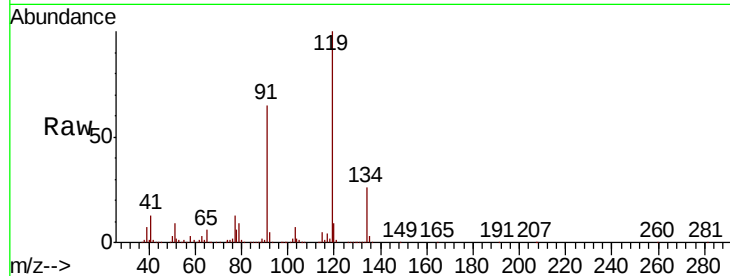
#83
tert-Butylbenzene
Concen: 20.692 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VY003158.D
Acq: 10 Jul 2020 11:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
119	100		
91	61.2	30.8	92.4
134	26.5	13.2	39.6

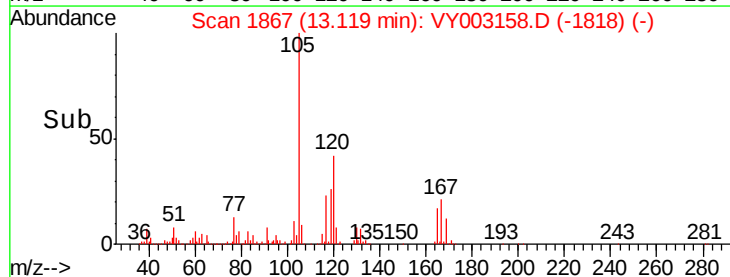
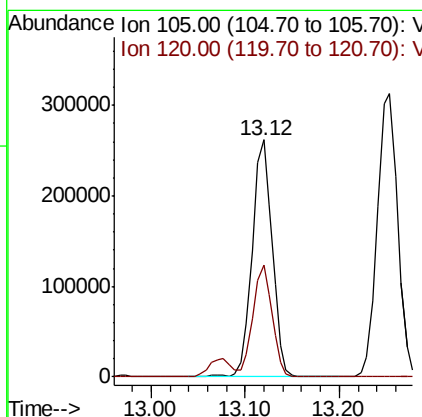
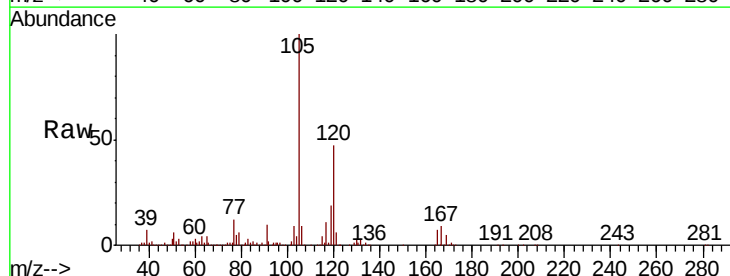
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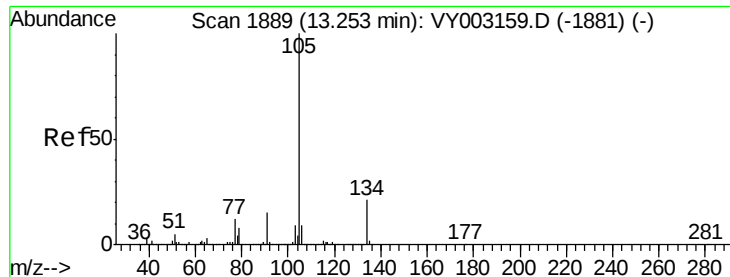
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 20.517 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY003158.D
Acq: 10 Jul 2020 11:53

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.8	22.5	67.5





#85

sec-Butylbenzene

Concen: 20.690 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY003158.D

Acq: 10 Jul 2020 11:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tot Ion:105 Resp: 468798

Ion Ratio Lower Upper

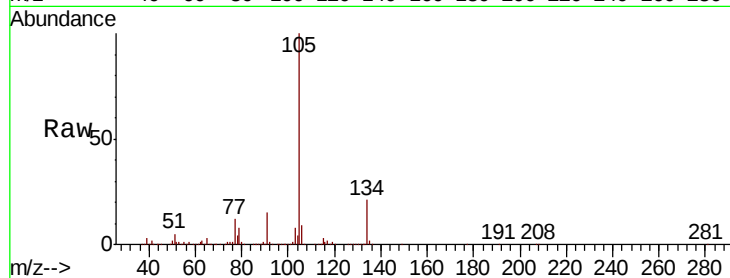
105 100

134 20.8 10.4 31.4

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.25

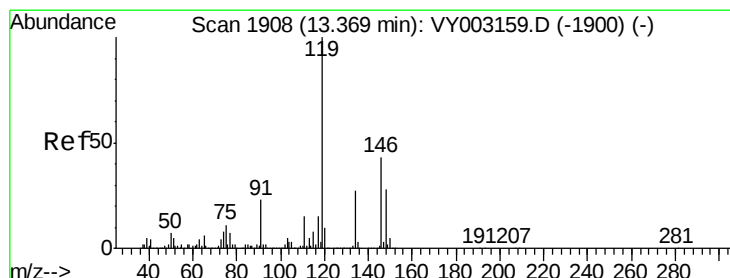
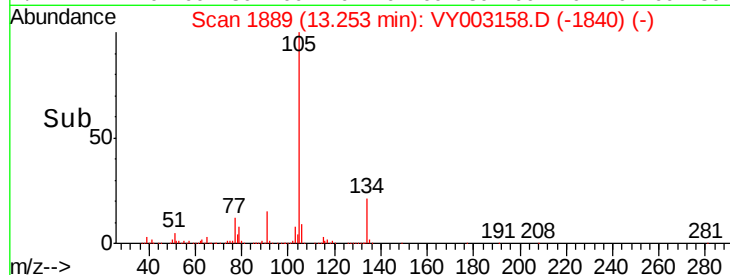
300000

200000

100000

0

Time--> 13.15 13.20 13.25 13.30



#86

p-Isopropyltoluene

Concen: 20.758 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY003158.D

Acq: 10 Jul 2020 11:53

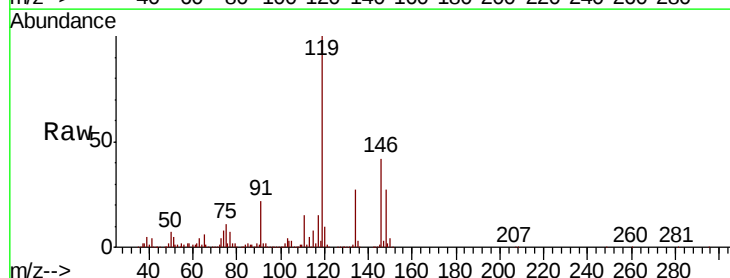
Tgt Ion:119 Resp: 436362

Ion Ratio Lower Upper

119 100

134 27.2 13.4 40.2

91 22.5 11.2 33.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

400000

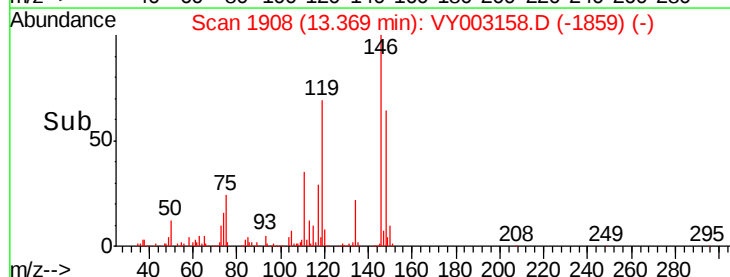
300000

200000

100000

0

Time--> 13.30 13.35 13.40





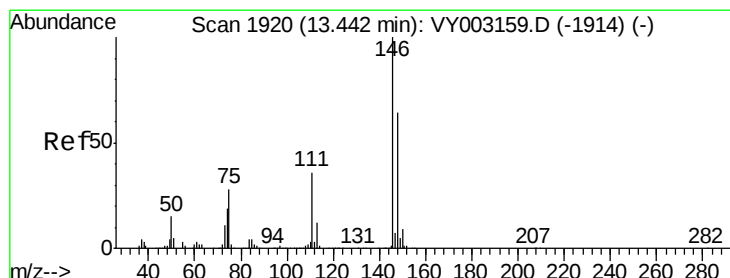
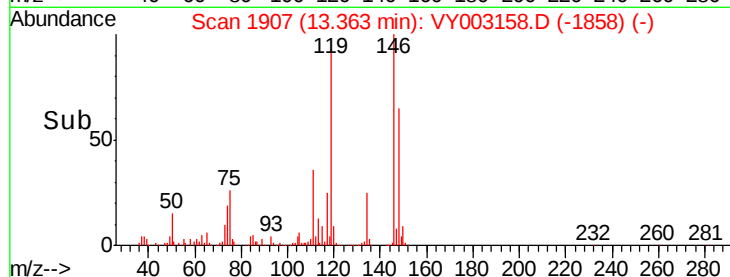
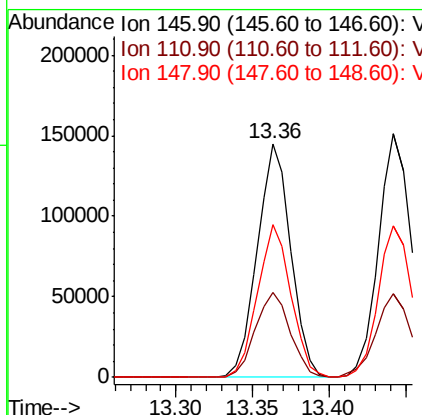
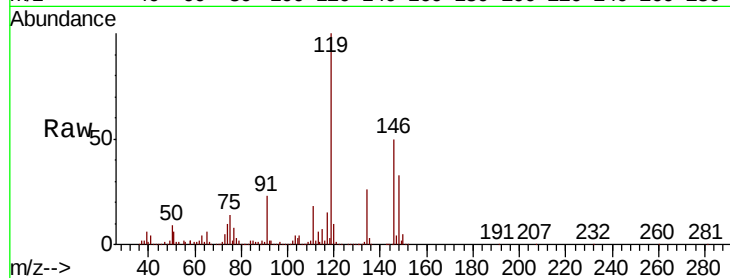
#87
 1,3-Dichlorobenzene
 Concen: 20.759 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY003158.D
 Acq: 10 Jul 2020 11:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.8	56.3
148	65.2	32.3	96.9

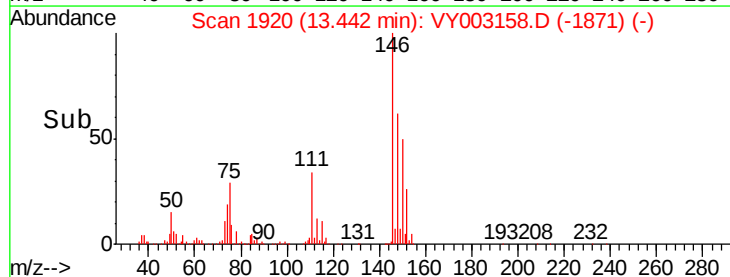
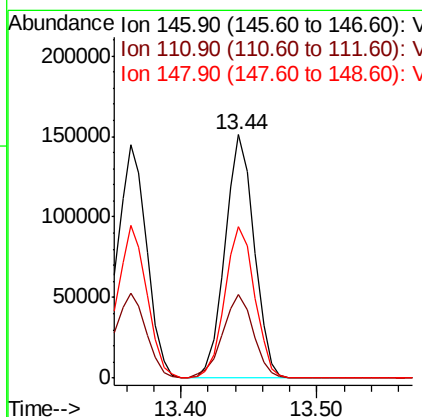
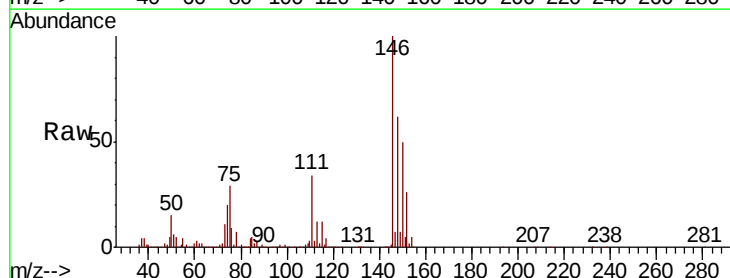
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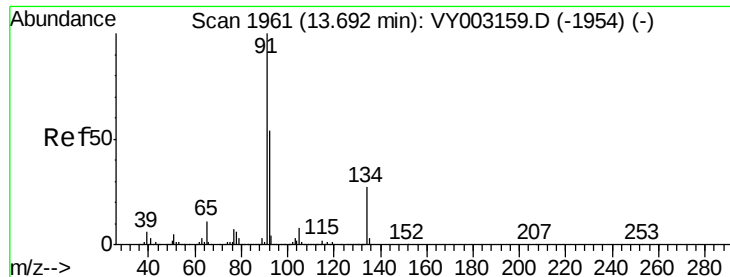
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#88
 1,4-Dichlorobenzene
 Concen: 21.330 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY003158.D
 Acq: 10 Jul 2020 11:53

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.2	18.4	55.0
148	63.8	32.0	96.0





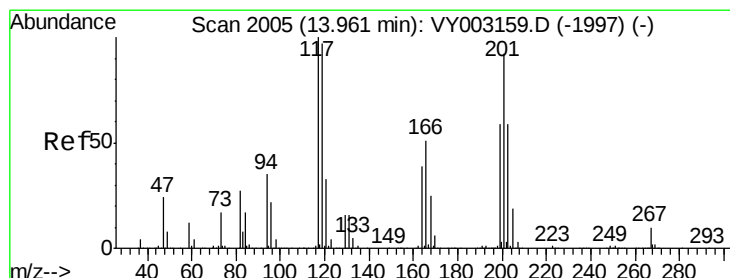
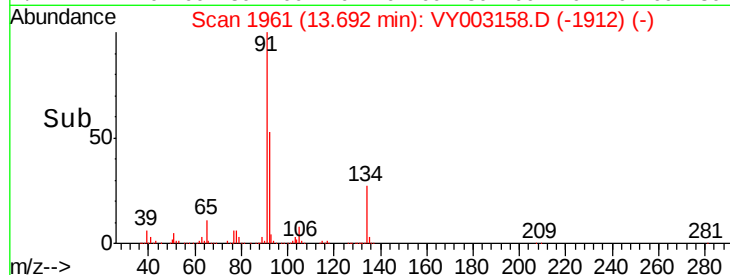
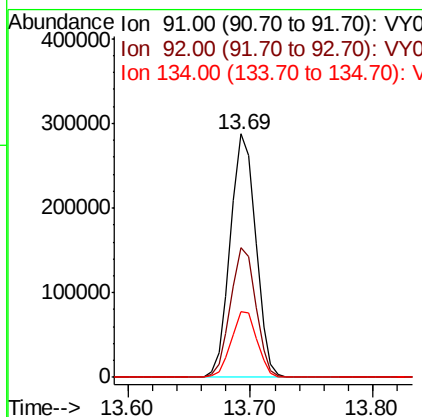
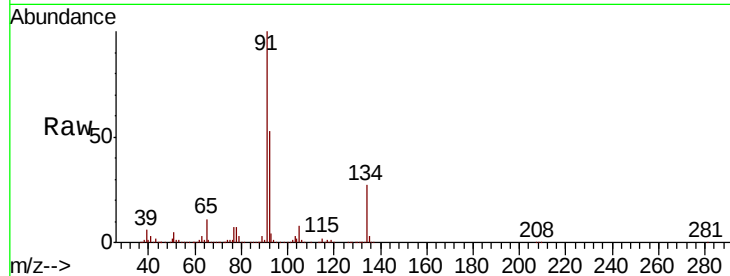
#89
n-Butylbenzene
Concen: 20.573 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY003158.D
Acq: 10 Jul 2020 11:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.3	26.9	80.7
134	27.4	13.6	40.7

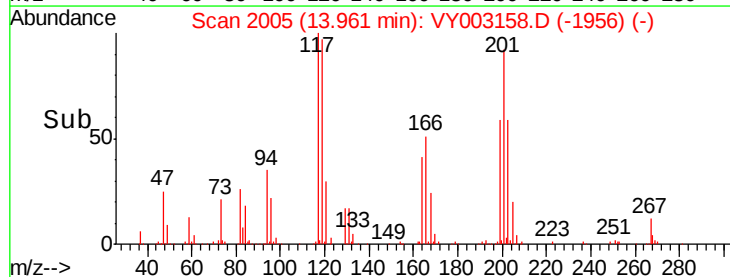
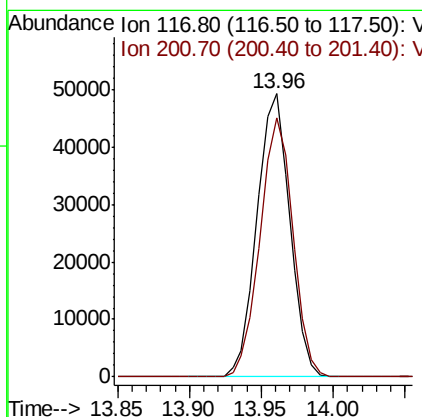
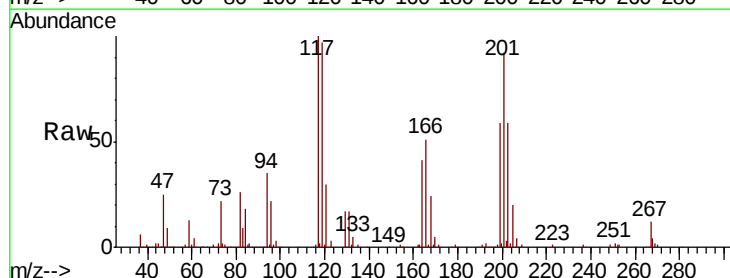
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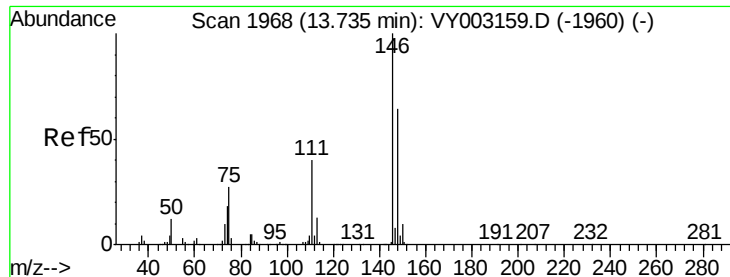
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#90
Hexachloroethane
Concen: 18.772 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY003158.D
Acq: 10 Jul 2020 11:53

Tgt Ion	Ratio	Lower	Upper
117	100		
201	92.1	45.1	135.3





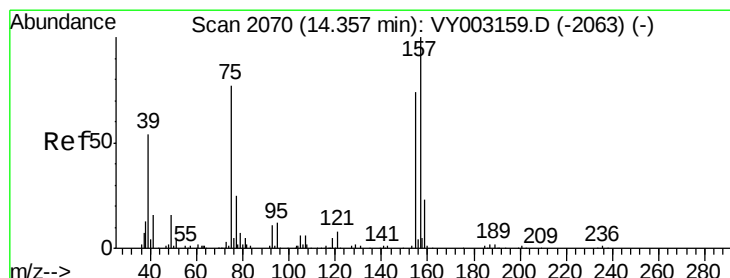
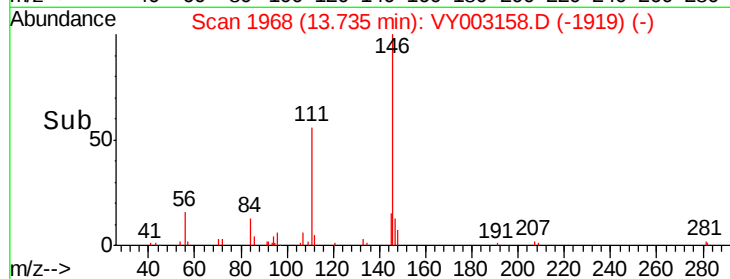
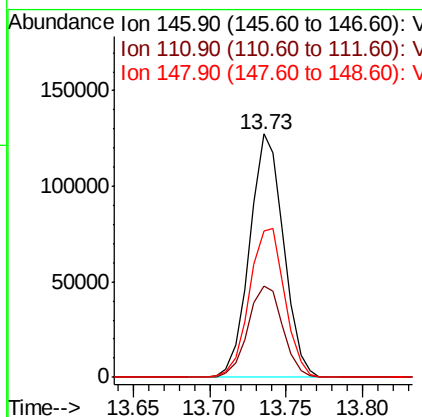
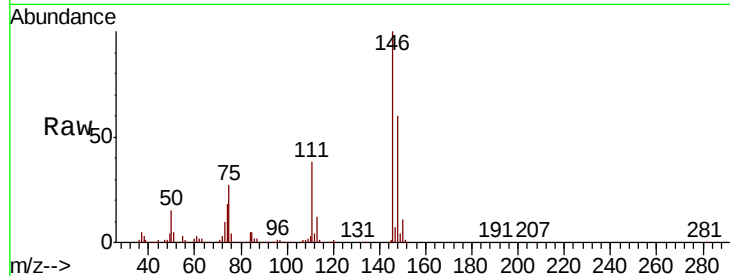
#91
 1,2-Dichlorobenzene
 Concen: 20.626 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY003158.D
 Acq: 10 Jul 2020 11:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
146	100	196860		
111	38.5	19.6	58.8	
148	63.7	32.4	97.0	

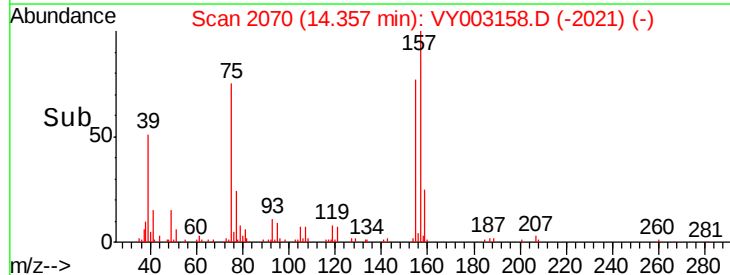
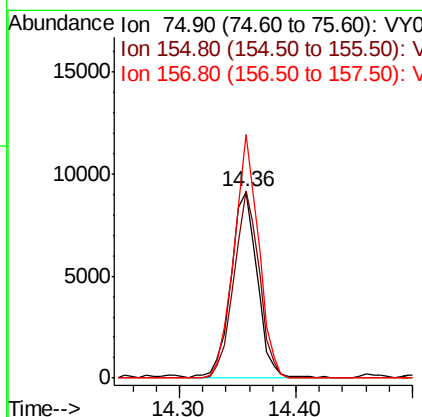
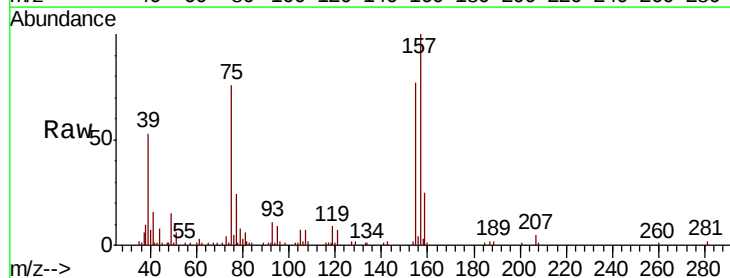
Manual Integrations
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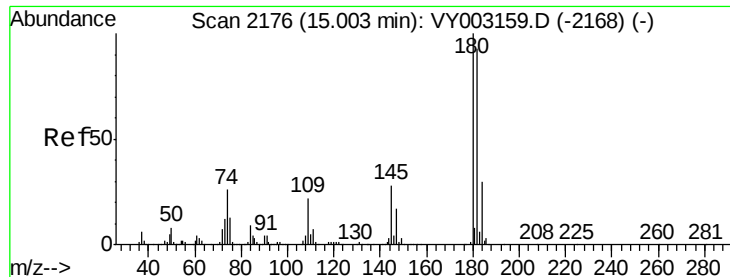
MMDadoda
 7/13/2020 10:47:35 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.736 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY003158.D
 Acq: 10 Jul 2020 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	14503		
155	95.7	48.1	144.3	
157	121.4	61.9	185.6	





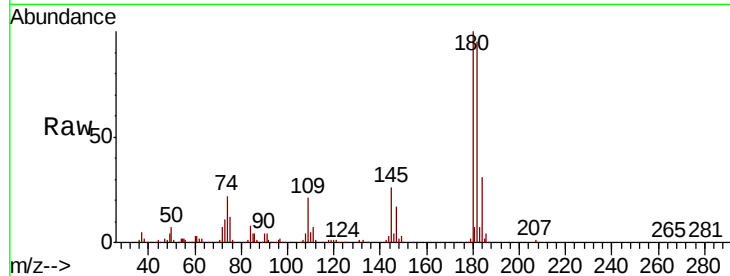
#93
 1,2,4-Trichlorobenzene
 Concen: 20.427 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.01 min
 Lab File: VY003158.D
 Acq: 10 Jul 2020 11:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
180	100	143899		
182	96.1	47.3	142.0	
145	27.7	13.7	41.1	

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 7/13/2020 10:47:35 AM

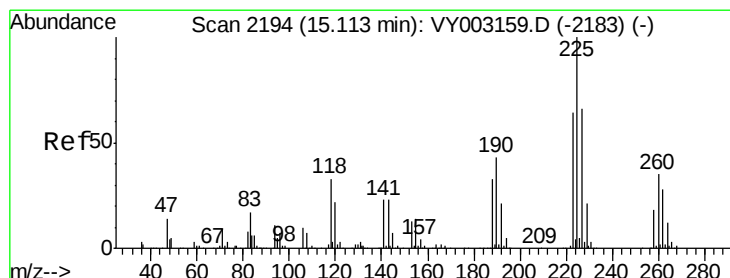
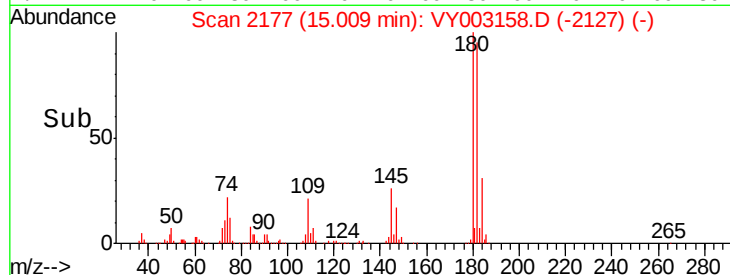
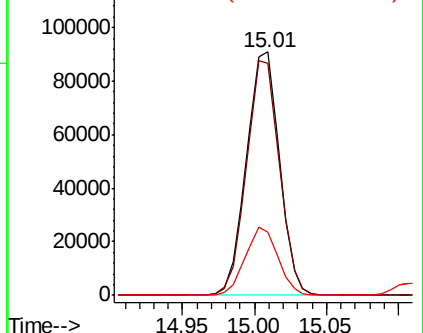


Abundance

Ion 179.80 (179.50 to 180.50): V

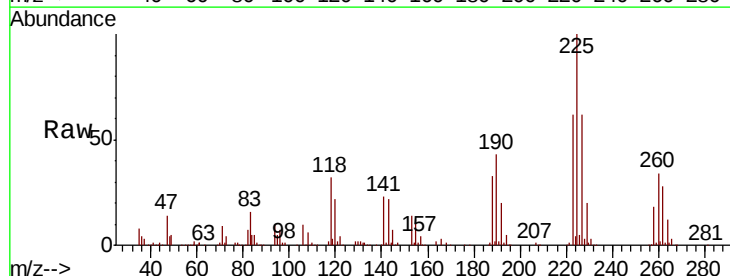
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 21.469 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY003158.D
 Acq: 10 Jul 2020 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	96528		
223	63.2	31.6	94.7	
227	64.9	32.3	96.8	

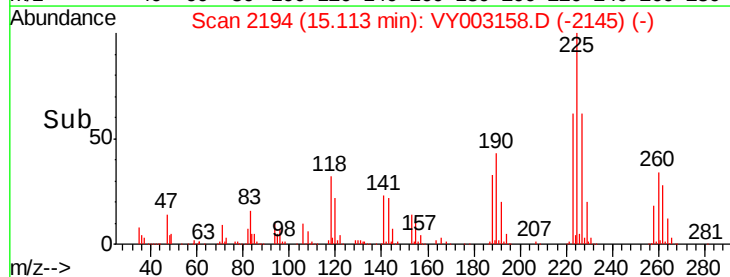
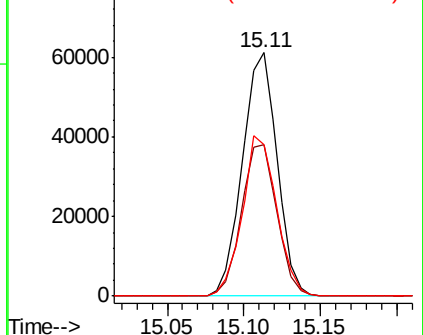


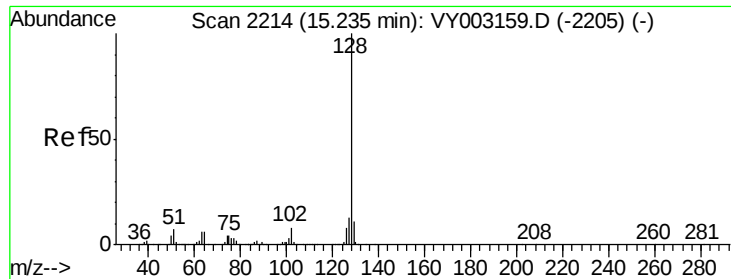
Abundance

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





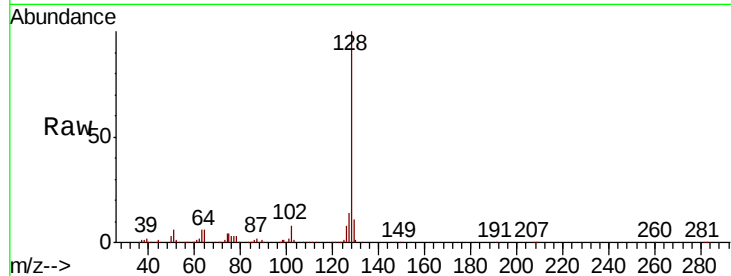
#95
Naphthalene
Concen: 18.316 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY003158.D
Acq: 10 Jul 2020 11:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

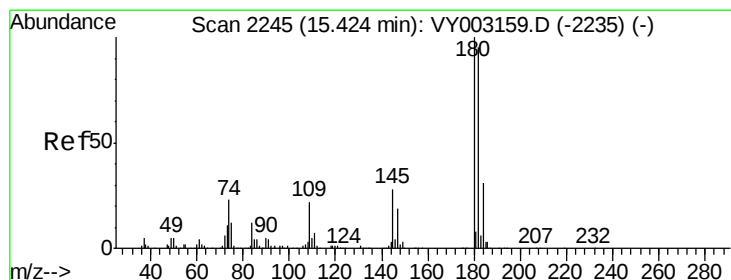
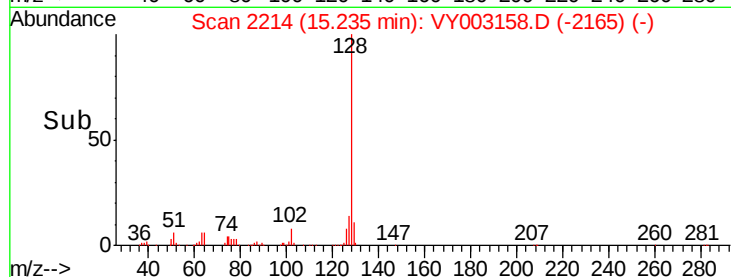
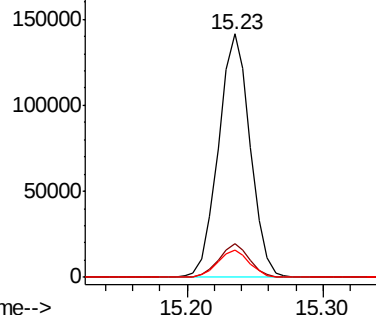
Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.9	16.3
129	11.2	9.0	13.6

Manual Integrations
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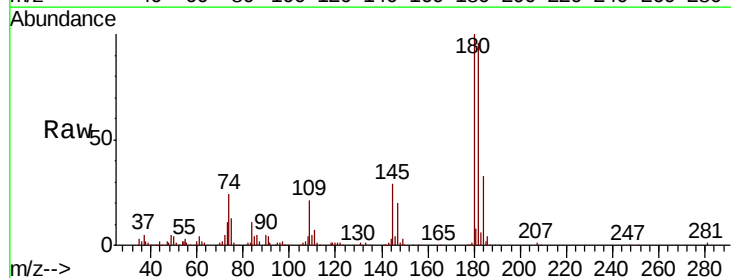


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 18.659 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY003158.D
Acq: 10 Jul 2020 11:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.9	48.8	146.3
145	28.8	14.9	44.5



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

