

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012320\
 Data File : VY001359.D
 Acq On : 23 Jan 2020 17:10
 Operator : SY/MD
 Sample : L1241-05MS
 Misc : 4.88G/5ML/MSVOA Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-12MS

Manual Integrations
 APPROVED

MMDadoda
 1/24/2020 4:03:37 PM

Quant Time: Jan 24 08:10:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 01:21:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	182695	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.72	114	328288	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	282618	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	126810	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	102343	51.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.96%	
35) Dibromofluoromethane	7.75	113	94566	49.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.16%	
50) Toluene-d8	10.19	98	378798	50.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.20%	
62) 4-Bromofluorobenzene	12.49	95	136577	45.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.62%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.91	85	67931	47.150	ug/l	99
3) Chloromethane	2.13	50	97929	44.973	ug/l	99
4) Vinyl Chloride	2.27	62	101873	44.868	ug/l	96
5) Bromomethane	2.66	94	68925	45.074	ug/l	100
6) Chloroethane	2.81	64	66666	45.950	ug/l	96
7) Trichlorofluoromethane	3.15	101	138088	47.534	ug/l	98
8) Diethyl Ether	3.56	74	54986	44.838	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.93	101	87275	47.175	ug/l	99
10) Methyl Iodide	4.13	142	105191	43.111	ug/l	99
11) Tert butyl alcohol	4.99	59	65409	262.698	ug/l	95
12) 1,1-Dichloroethene	3.90	96	86586	44.638	ug/l	99
13) Acrolein	3.77	56	1078m	Below Cal		
14) Allyl chloride	4.52	41	156171	45.146	ug/l	99
15) Acrylonitrile	5.21	53	137039	218.309	ug/l	99
16) Acetone	3.98	43	149417	286.419	ug/l	96
17) Carbon Disulfide	4.22	76	243709	39.948	ug/l	98
18) Methyl Acetate	4.51	43	309179	184.423	ug/l	99
19) Methyl tert-butyl Ether	5.26	73	255624	45.007	ug/l	99
20) Methylene Chloride	4.75	84	102901	41.168	ug/l	96
21) trans-1,2-Dichloroethene	5.26	96	100965	44.809	ug/l	97
22) Diisopropyl ether	6.16	45	320614	43.647	ug/l #	88
23) Vinyl Acetate	6.16	43	153417	32.171	ug/l #	72
24) 1,1-Dichloroethane	6.06	63	176685	45.634	ug/l	97
25) 2-Butanone	7.02	43	184802	213.575	ug/l	98
26) 2,2-Dichloropropane	7.02	77	153524	44.515	ug/l	99
27) cis-1,2-Dichloroethene	7.02	96	115477	45.858	ug/l	100
28) Bromochloromethane	7.37	49	89497	56.050	ug/l	100
29) Tetrahydrofuran	7.38	42	125156	222.326	ug/l	99
30) Chloroform	7.54	83	174909	46.089	ug/l	100
31) Cyclohexane	7.82	56	166906	43.418	ug/l	99
32) 1,1,1-Trichloroethane	7.74	97	148380	46.305	ug/l	100
36) 1,1-Dichloropropene	7.95	75	127893	41.236	ug/l	99
37) Ethyl Acetate	7.02	43	184802	97.524	ug/l #	1
38) Carbon Tetrachloride	7.93	117	127643	46.178	ug/l	98

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.21	83	168027	42.290	ug/l	98
40) Benzene	8.19	78	416399	44.776	ug/l	99
41) Methacrylonitrile	7.36	41	32348m	33.081	ug/l	
42) 1,2-Dichloroethane	8.27	62	115205	44.336	ug/l	100
43) Isopropyl Acetate	8.30	43	4598	1.248	ug/l #	63
44) Trichloroethene	8.96	130	106767	44.740	ug/l	97
45) 1,2-Dichloropropane	9.24	63	105652	44.941	ug/l	99
46) Dibromomethane	9.33	93	56921	45.101	ug/l	98
47) Bromodichloromethane	9.52	83	135180	44.805	ug/l	98
48) Methyl methacrylate	9.31	41	124678	74.432	ug/l	96
49) 1,4-Dioxane	9.32	88	15994	898.648	ug/l #	92
51) 4-Methyl-2-Pentanone	10.09	43	386017	203.430	ug/l	100
52) Toluene	10.26	92	257340	43.654	ug/l	99
53) t-1,3-Dichloropropene	10.48	75	148951	44.542	ug/l	98
54) cis-1,3-Dichloropropene	9.95	75	167343	43.598	ug/l	98
55) 1,1,2-Trichloroethane	10.66	97	84038	45.113	ug/l	98
56) Ethyl methacrylate	10.52	69	18288	6.495	ug/l #	80
57) 1,3-Dichloropropane	10.80	76	144507	44.532	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	224200	230.123	ug/l	100
59) 2-Hexanone	10.85	43	230190	174.252	ug/l	99
60) Dibromochloromethane	11.00	129	92941	44.609	ug/l	100
61) 1,2-Dibromoethane	11.10	107	79009	44.866	ug/l	99
64) Tetrachloroethene	10.73	164	82121	45.490	ug/l	98
65) Chlorobenzene	11.53	112	266959	44.813	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	93528	46.005	ug/l	99
67) Ethyl Benzene	11.60	91	472839	43.070	ug/l	100
68) m/p-Xylenes	11.71	106	363867	88.741	ug/l	99
69) o-Xylene	12.04	106	176064	44.635	ug/l	99
70) Styrene	12.05	104	304048	43.933	ug/l	99
71) Bromoform	12.22	173	54325	44.765	ug/l #	100
73) Isopropylbenzene	12.34	105	440423	44.014	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.59	83	105403	49.185	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	78701m	51.504	ug/l	
77) Bromobenzene	12.61	156	102676	46.327	ug/l	99
78) n-propylbenzene	12.68	91	508169	42.192	ug/l	100
79) 2-Chlorotoluene	12.77	91	313356	45.542	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	380439	45.548	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	36903	45.701	ug/l	99
82) 4-Chlorotoluene	12.86	91	331807	45.146	ug/l	100
83) tert-Butylbenzene	13.08	119	321842	45.712	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	366957	43.760	ug/l	100
85) sec-Butylbenzene	13.26	105	421014	42.088	ug/l	99
86) p-Isopropyltoluene	13.38	119	367528	41.693	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	192047	44.993	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	191227	44.123	ug/l	99
89) n-Butylbenzene	13.70	91	325157	36.651	ug/l	99
90) Hexachloroethane	13.97	117	73568	44.028	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	176210	44.763	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	16214	43.846	ug/l	98
93) 1,2,4-Trichlorobenzene	15.02	180	95729	36.233	ug/l	99

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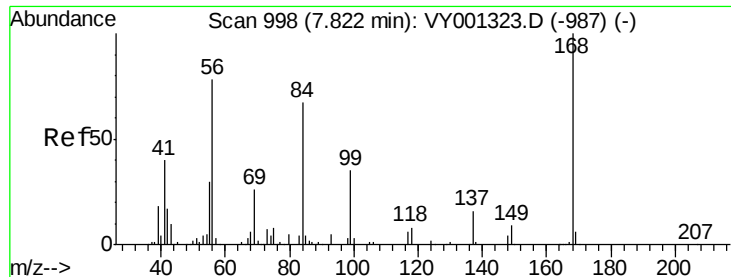
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	15.12	225	38028	29.560	ug/l	97
95) Naphthalene	15.24	128	245048	40.562	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	82186	35.461	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. -0.00 min

Lab File: VY001359.D

Acq: 23 Jan 2020 17:10

Instrument :

MSVOA_Y

ClientSampleId :

EP-12MS

Tot Ion:168 Resp: 182695

Ion Ratio Lower Upper

168 100

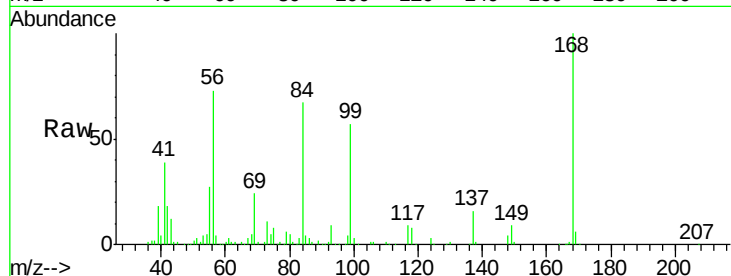
99 56.8 44.3 66.5

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY001323.D (-987) (-)

Ion 98.90 (98.60 to 99.60): VY001323.D (-987) (-)

7.82

80000

60000

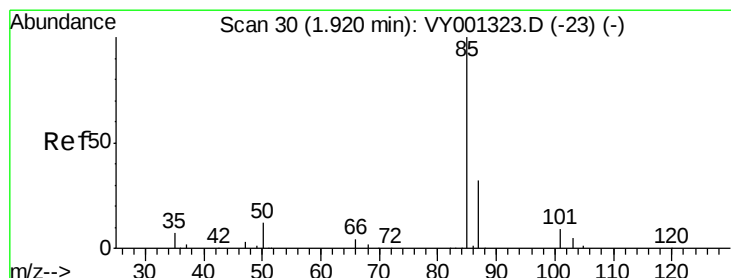
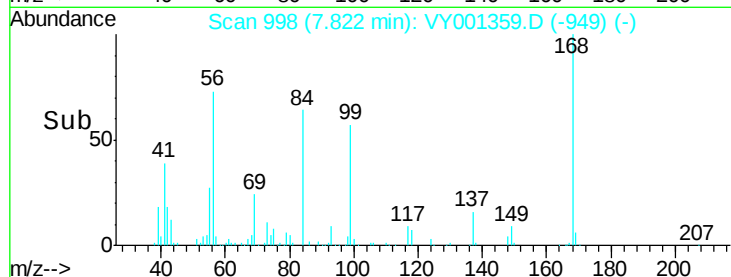
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 47.150 ug/l

RT: 1.91 min Scan# 29

Delta R.T. -0.01 min

Lab File: VY001359.D

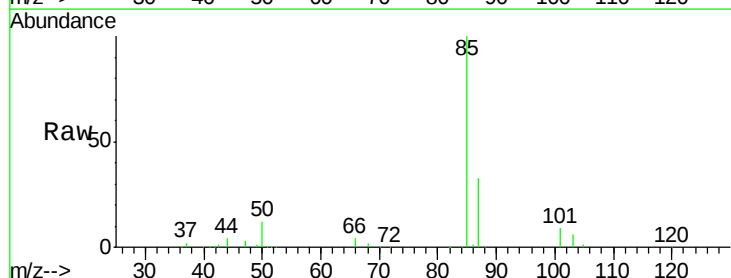
Acq: 23 Jan 2020 17:10

Tgt Ion: 85 Resp: 67931

Ion Ratio Lower Upper

85 100

87 32.5 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VY001323.D (-23) (-)

Ion 86.90 (86.60 to 87.60): VY001323.D (-23) (-)

1.91

50000

40000

30000

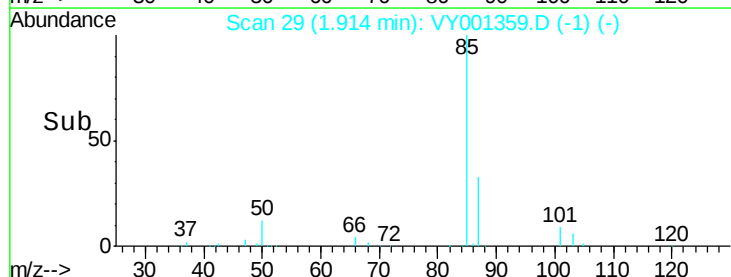
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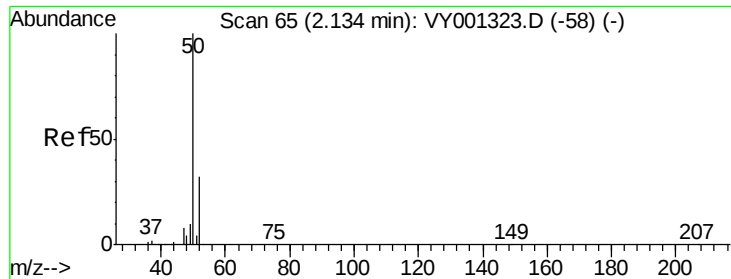
10000

0

1.90 2.00

Time-->





#3

Chloromethane

Concen: 44.973 ug/l

RT: 2.13 min Scan# 64

Delta R.T. -0.01 min

Lab File: VY001359.D

Acq: 23 Jan 2020 17:10

Instrument :

MSVOA_Y

ClientSampleId :

EP-12MS

Tot Ion: 50 Resp: 97929

Ion Ratio Lower Upper

50 100

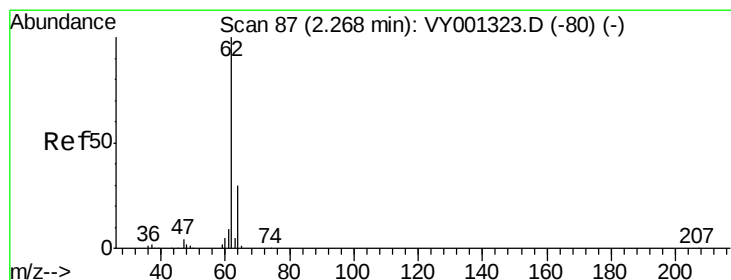
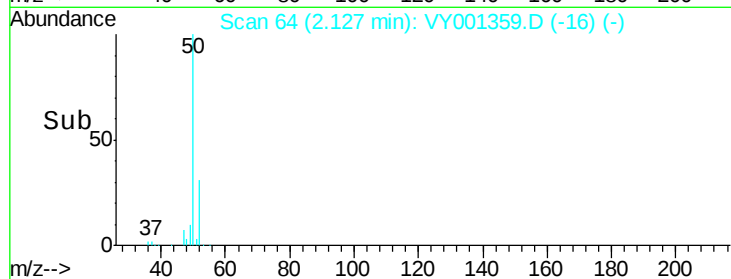
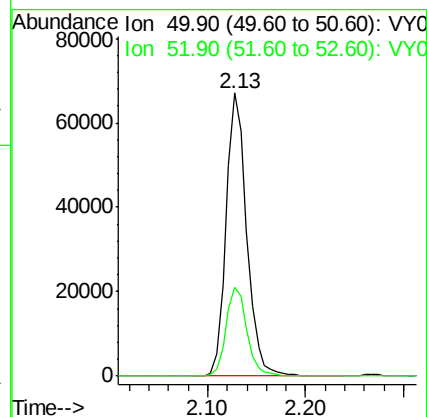
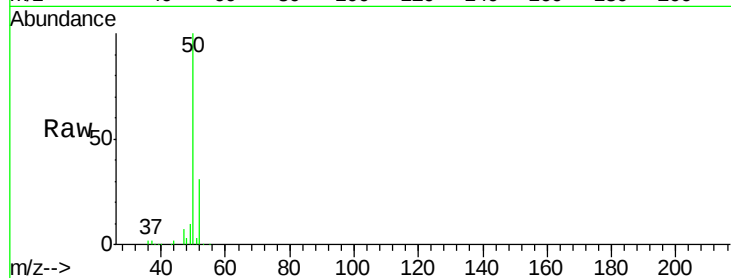
52 31.4 25.7 38.5

Manual Integrations

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#4

Vinyl Chloride

Concen: 44.868 ug/l

RT: 2.27 min Scan# 87

Delta R.T. -0.00 min

Lab File: VY001359.D

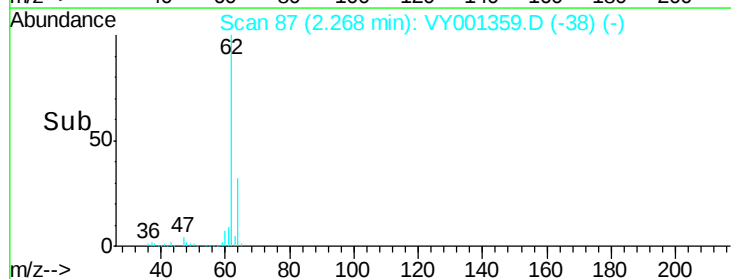
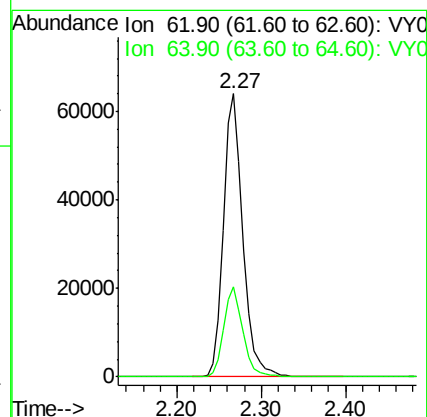
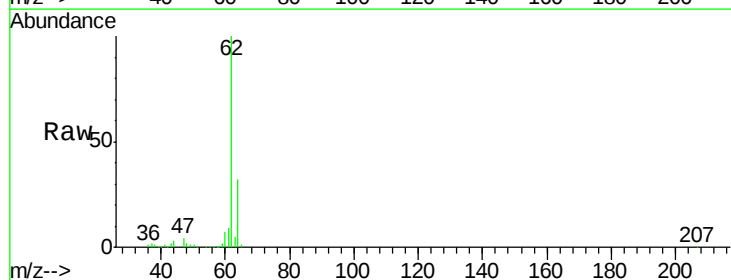
Acq: 23 Jan 2020 17:10

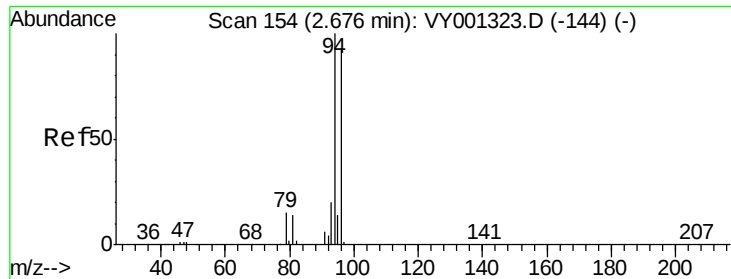
Tgt Ion: 62 Resp: 101873

Ion Ratio Lower Upper

62 100

64 31.9 23.9 35.9





#5

Bromomethane

Concen: 45.074 ug/l

RT: 2.66 min Scan# 152

Delta R.T. -0.01 min

Lab File: VY001359.D

Acq: 23 Jan 2020 17:10

Instrument :

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ClientSampleId :

EP-12MS

Tot Ion: 94 Resp: 68925

Ion Ratio Lower Upper

94 100

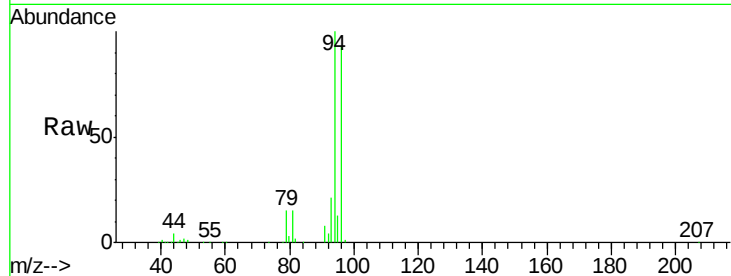
96 93.4 74.6 111.8

Manual Integrations

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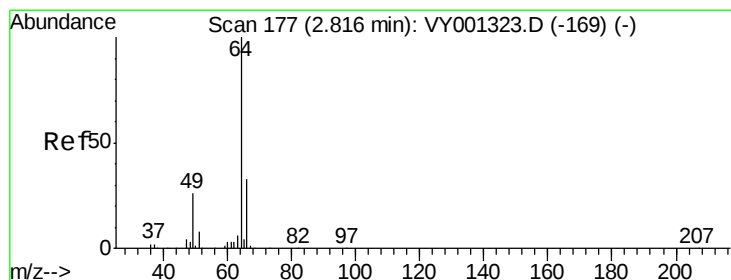
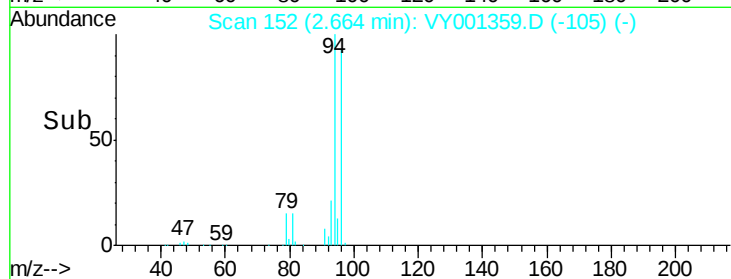
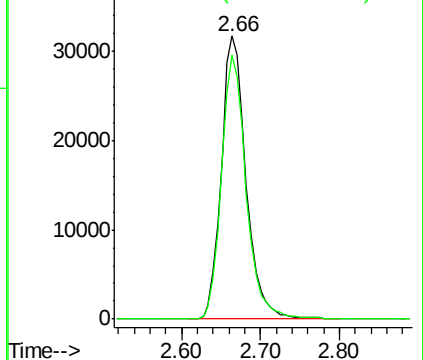
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 45.950 ug/l

RT: 2.81 min Scan# 176

Delta R.T. -0.01 min

Lab File: VY001359.D

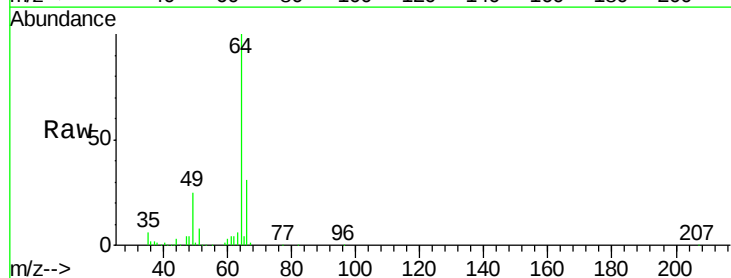
Acq: 23 Jan 2020 17:10

Tgt Ion: 64 Resp: 66666

Ion Ratio Lower Upper

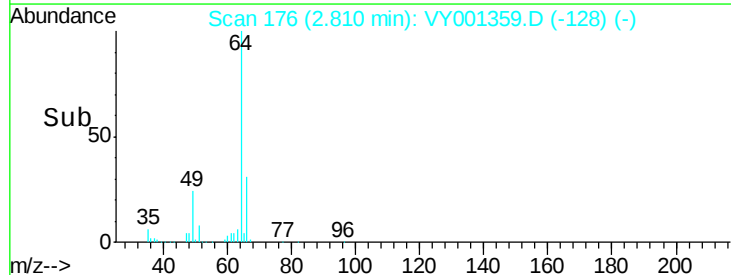
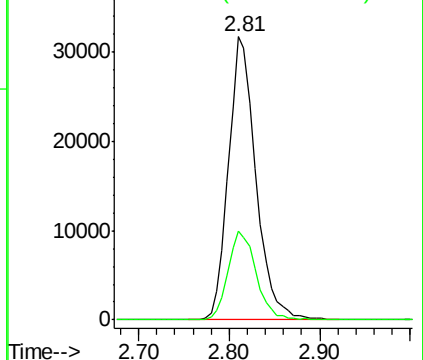
64 100

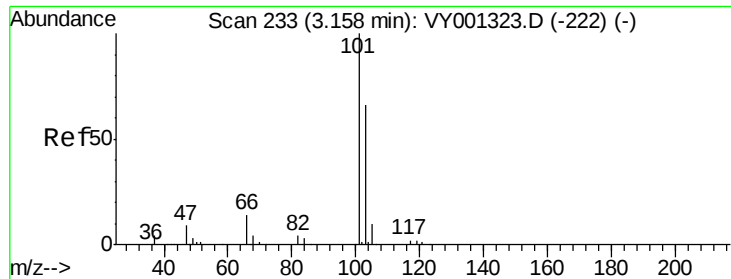
66 31.4 26.8 40.2



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

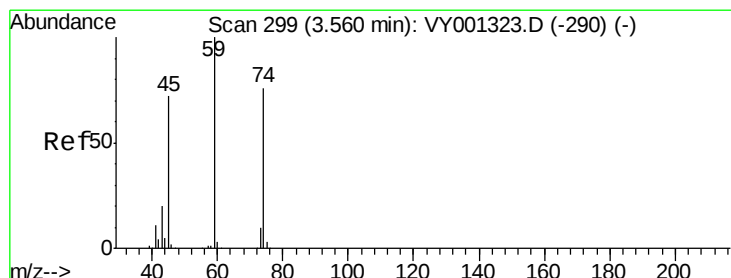
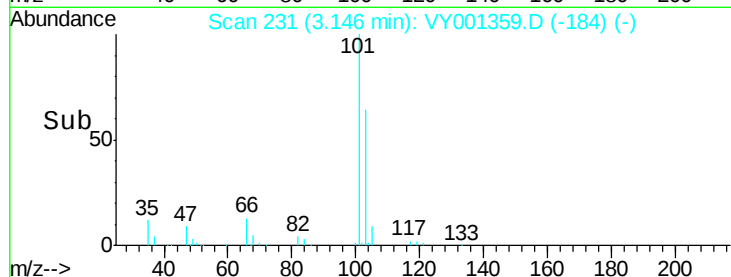
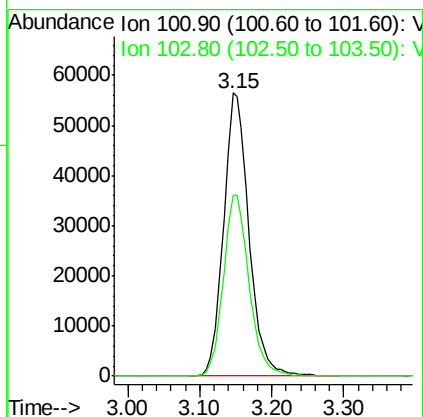
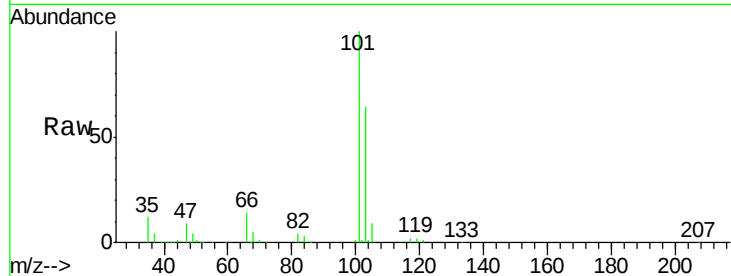
Trichlorofluoromethane
Concen: 47.534 ug/l
RT: 3.15 min Scan# 231
Delta R.T. -0.01 min
Lab File: VY001359.D
Acq: 23 Jan 2020 17:10

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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.2	52.5	78.7

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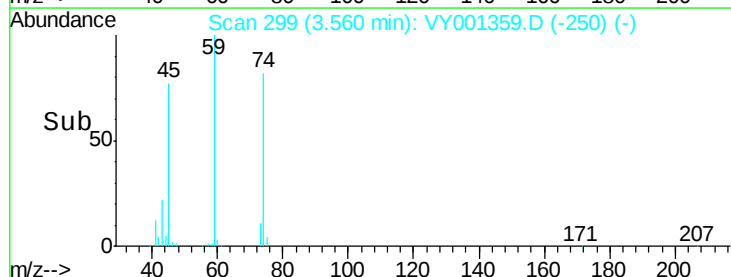
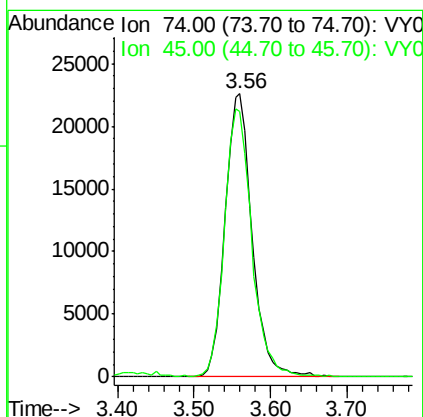
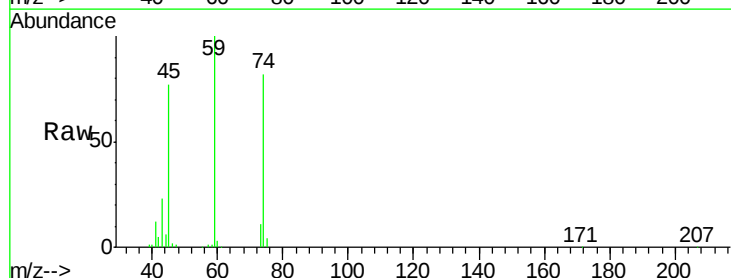
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1/24/2020 4:03:37 PM



#8

Diethyl Ether
Concen: 44.838 ug/l
RT: 3.56 min Scan# 299
Delta R.T. -0.00 min
Lab File: VY001359.D
Acq: 23 Jan 2020 17:10

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.2	47.2	141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.175 ug/l

RT: 3.93 min Scan# 360

Delta R.T. -0.01 min

Lab File: VY001359.D

Acq: 23 Jan 2020 17:10

Instrument :

MSVOA_Y

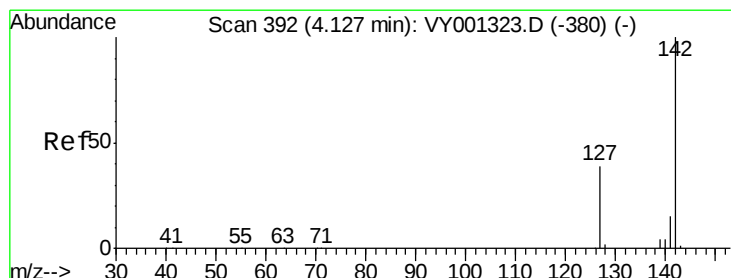
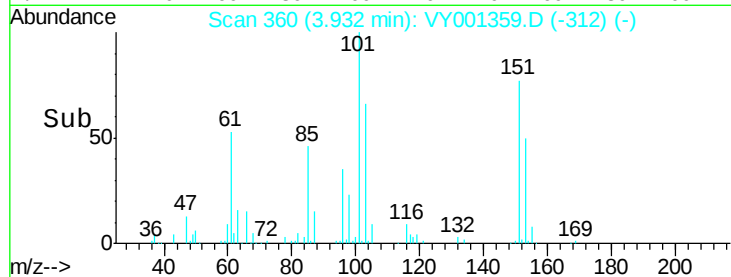
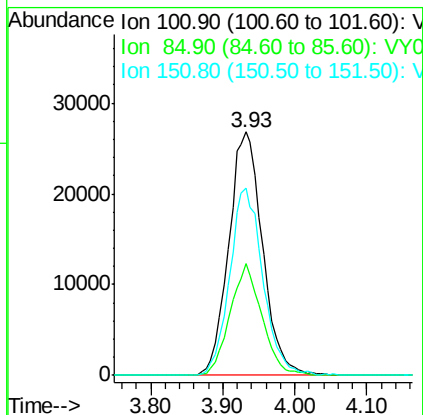
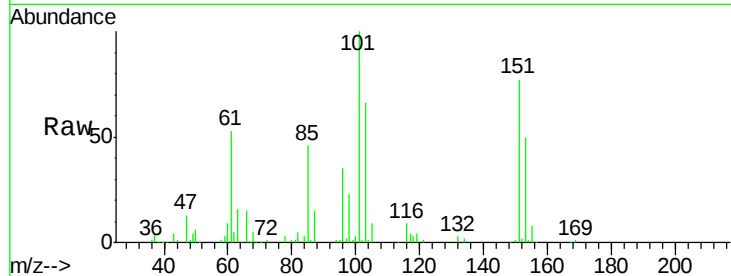
ClientSampleId :

EP-12MS

Tot Ion:	101	Resp:	87275
Ion Ratio	Lower	Upper	
101	100		
85	43.2	34.9	52.3
151	75.6	59.9	89.9

Manual Integrations
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#10

Methyl Iodide

Concen: 43.111 ug/l

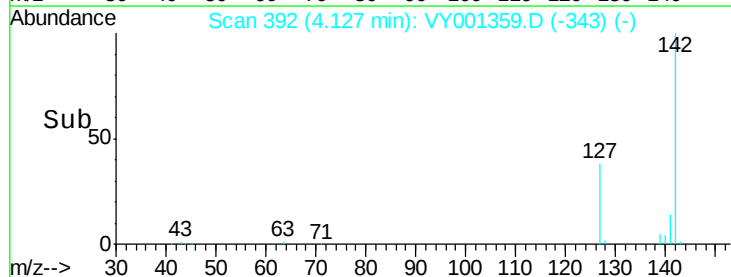
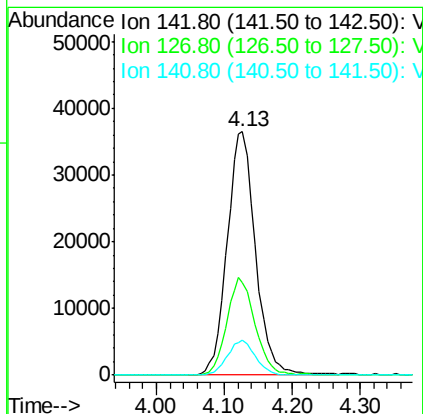
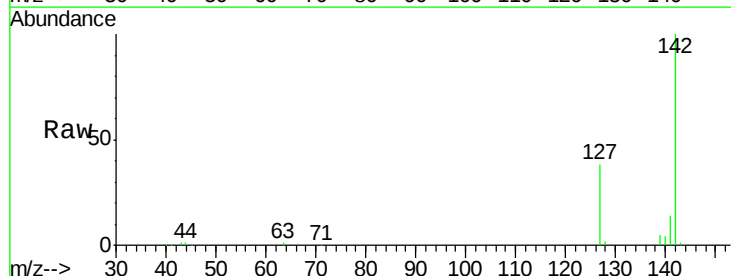
RT: 4.13 min Scan# 392

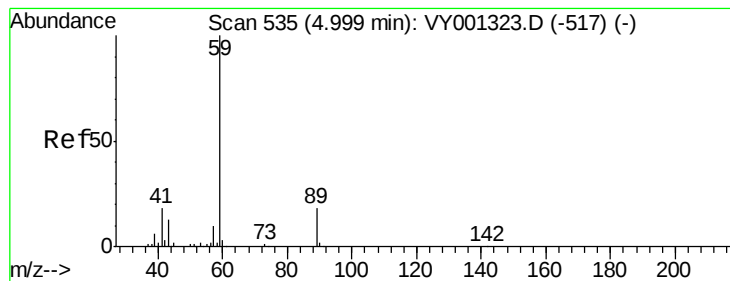
Delta R.T. -0.00 min

Lab File: VY001359.D

Acq: 23 Jan 2020 17:10

Tgt Ion:	142	Resp:	105191
Ion Ratio	Lower	Upper	
142	100		
127	40.0	31.6	47.4
141	14.1	11.2	16.8





#11

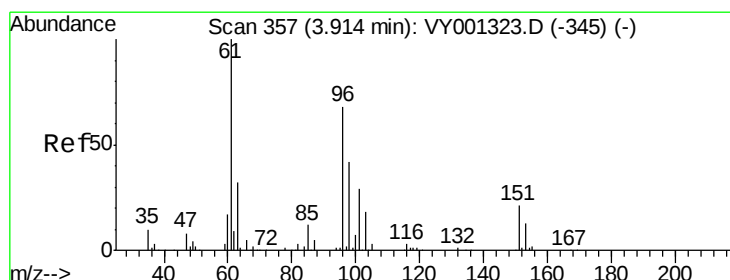
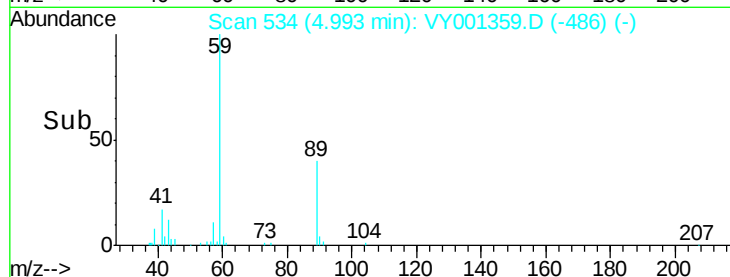
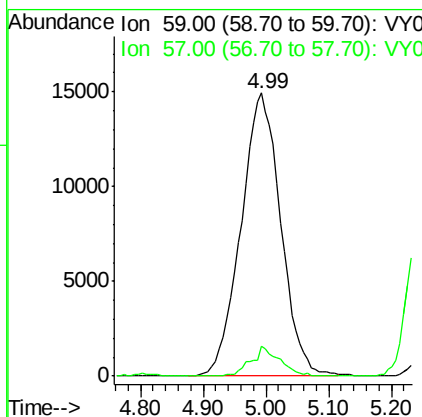
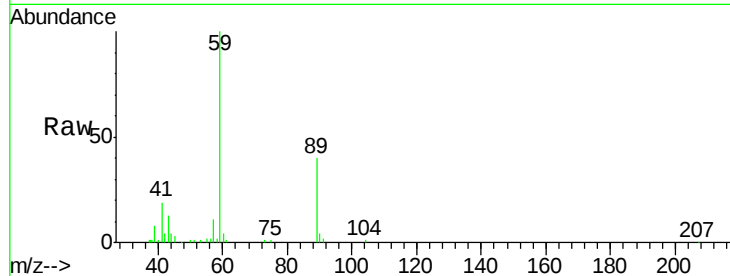
Tert butyl alcohol
 Concen: 262.698 ug/l
 RT: 4.99 min Scan# 534
 Delta R.T. -0.01 min
 Lab File: VY001359.D
 Acq: 23 Jan 2020 17:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-12MS

Tot Ion	59	Resp	65409
Ion Ratio	100	Lower	Upper
57	7.6	7.4	11.2

Manual Integrations
 APPROVED

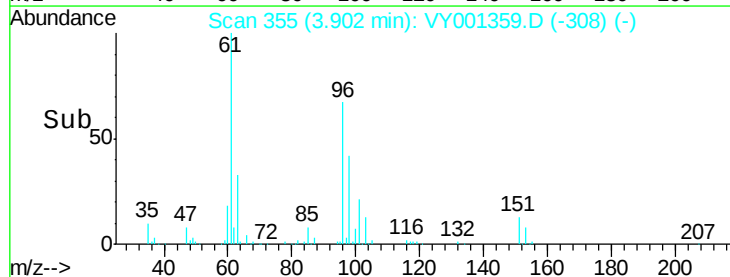
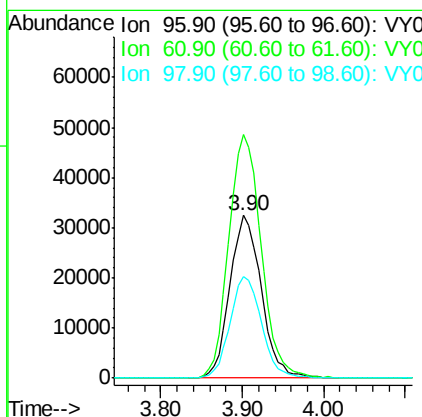
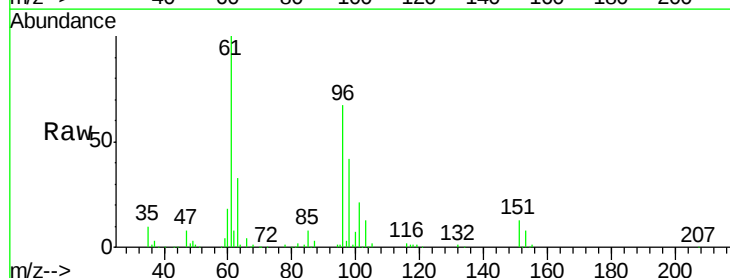
MMDadoda
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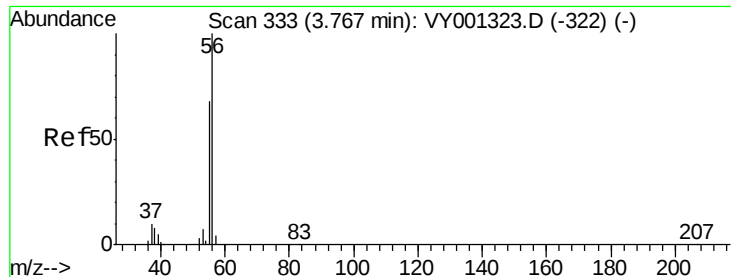


#12

1,1-Dichloroethene
 Concen: 44.638 ug/l
 RT: 3.90 min Scan# 355
 Delta R.T. -0.01 min
 Lab File: VY001359.D
 Acq: 23 Jan 2020 17:10

Tgt Ion	96	Resp	86586
Ion Ratio	100	Lower	Upper
61	149.9	118.0	177.0
98	62.2	49.4	74.2





#13

Acrolein

Concen: Below Cal m

RT: 3.77 min Scan# 333

Delta R.T. -0.00 min

Lab File: VY001359.D

Acq: 23 Jan 2020 17:10

Instrument :

MSVOA_Y

ClientSampleId :

EP-12MS

Tot Ion: 56 Resp: 1078

Ion Ratio Lower Upper

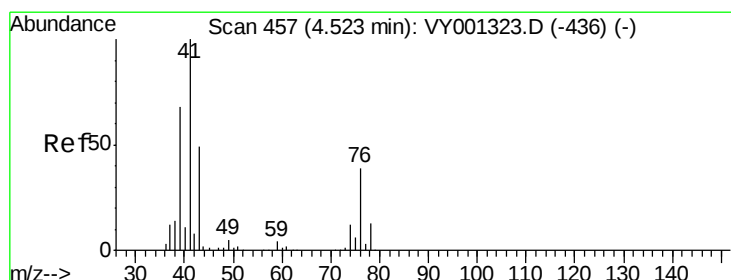
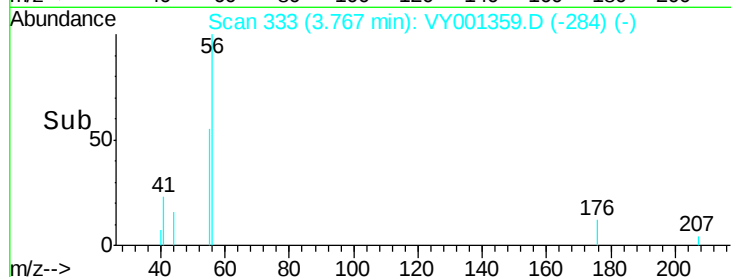
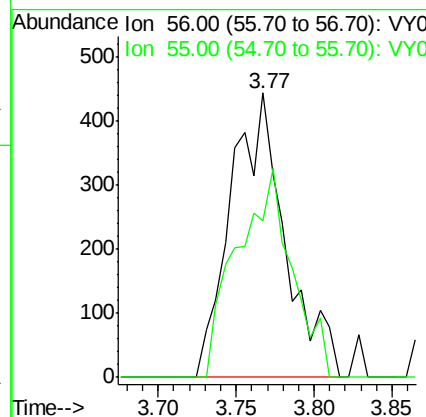
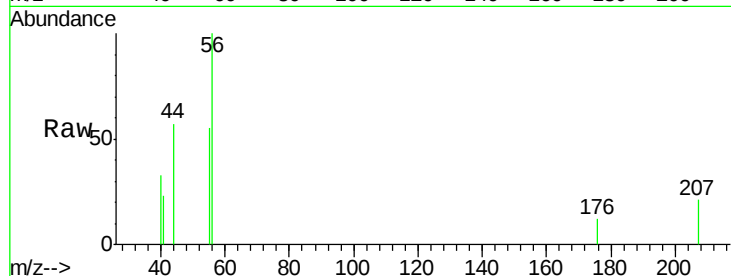
56 100

55 73.6 55.9 83.9

Manual Integrations
APPROVED

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#14

Allyl chloride

Concen: 45.146 ug/l

RT: 4.52 min Scan# 456

Delta R.T. -0.01 min

Lab File: VY001359.D

Acq: 23 Jan 2020 17:10

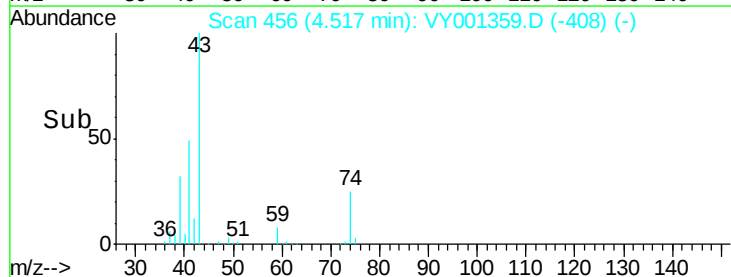
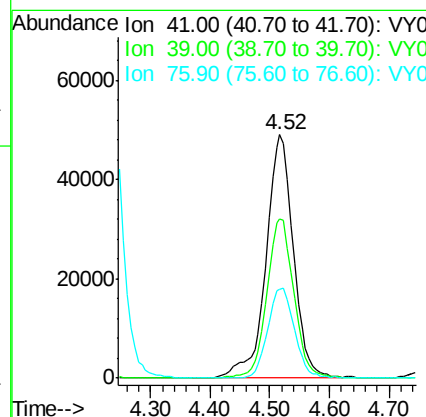
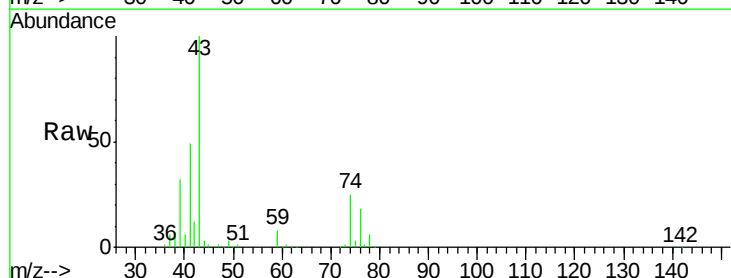
Tgt Ion: 41 Resp: 156171

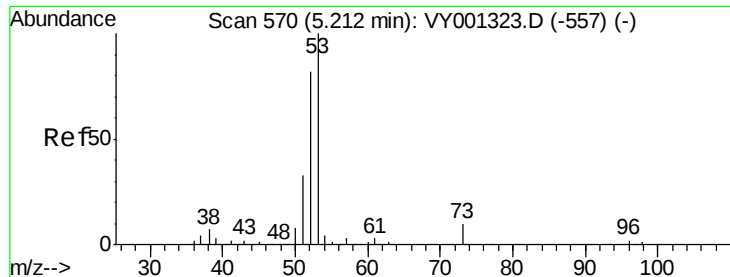
Ion Ratio Lower Upper

41 100

39 64.7 52.2 78.4

76 36.0 29.1 43.7





#15

Acrylonitrile

Concen: 218.309 ug/l

RT: 5.21 min Scan# 569

Delta R.T. -0.01 min

Lab File: VY001359.D

Acq: 23 Jan 2020 17:10

Instrument :

MSVOA_Y

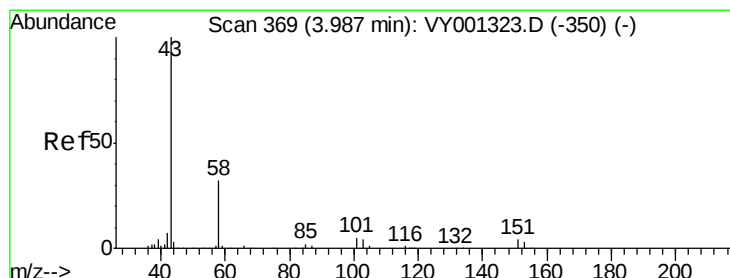
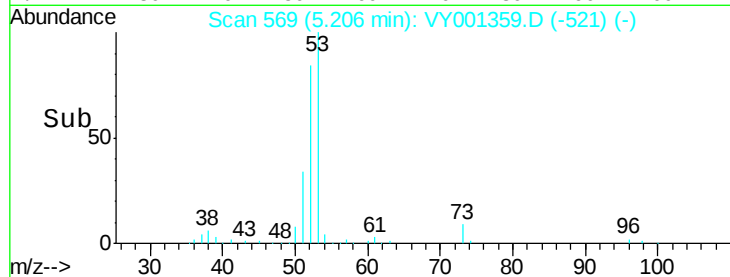
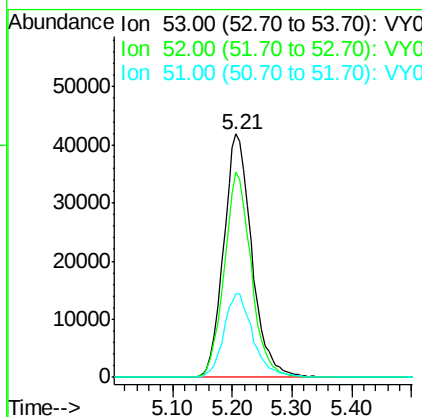
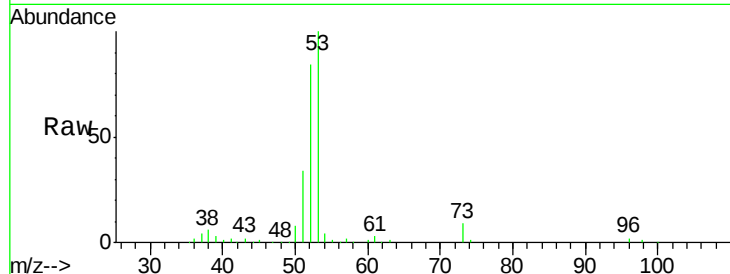
ClientSampleId :

EP-12MS

Tot Ion:	53	Resp:	137039
Ion	Ratio	Lower	Upper
53	100		
52	80.9	65.3	97.9
51	35.7	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 286.419 ug/l

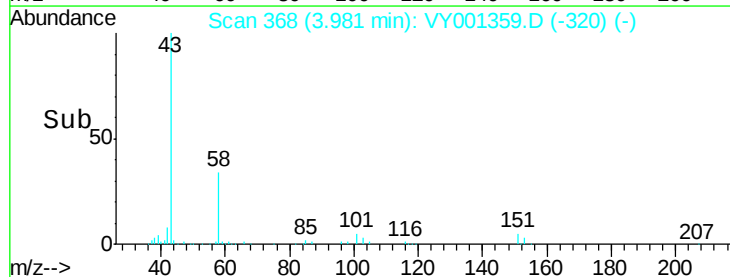
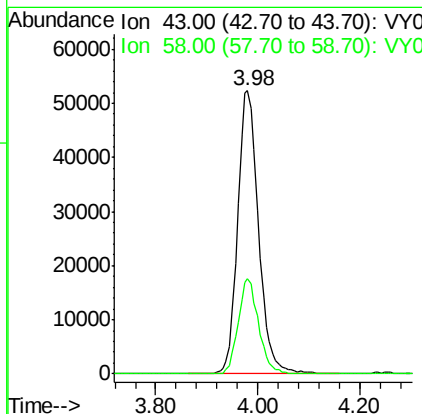
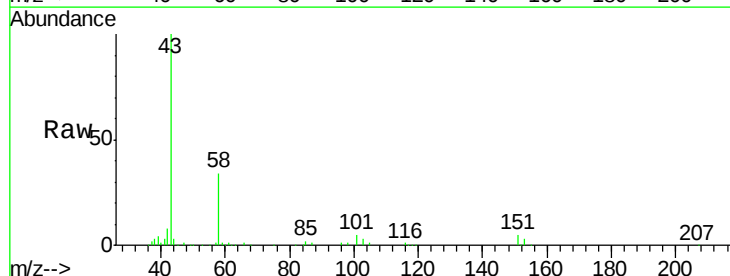
RT: 3.98 min Scan# 368

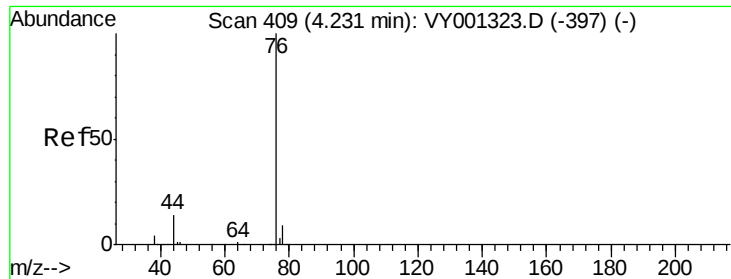
Delta R.T. -0.01 min

Lab File: VY001359.D

Acq: 23 Jan 2020 17:10

Tgt Ion:	43	Resp:	149417
Ion	Ratio	Lower	Upper
43	100		
58	33.8	25.4	38.0





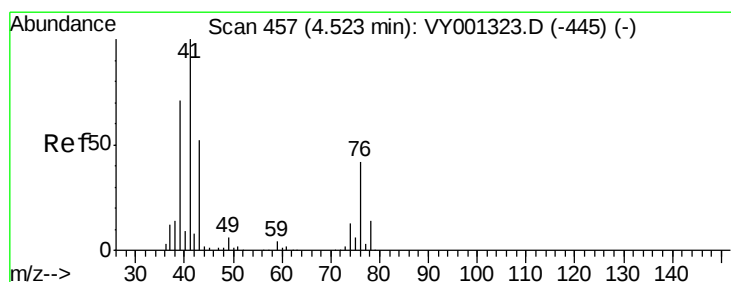
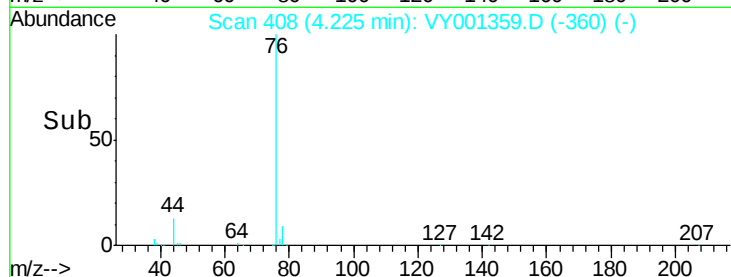
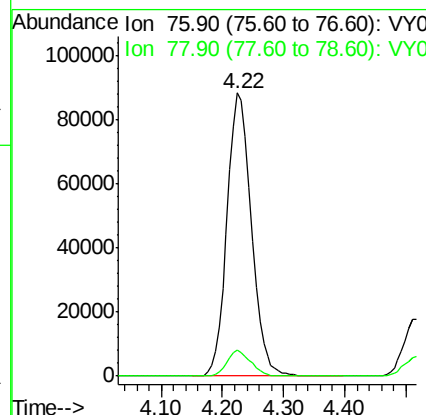
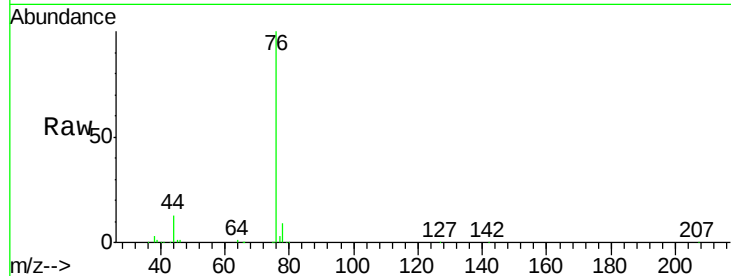
#17
Carbon Disulfide
Concen: 39.948 ug/l
RT: 4.22 min Scan# 408
Delta R.T. -0.01 min
Lab File: VY001359.D
Acq: 23 Jan 2020 17:10

Instrument :
MSVOA_Y
ClientSampleId :
EP-12MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.0	10.6

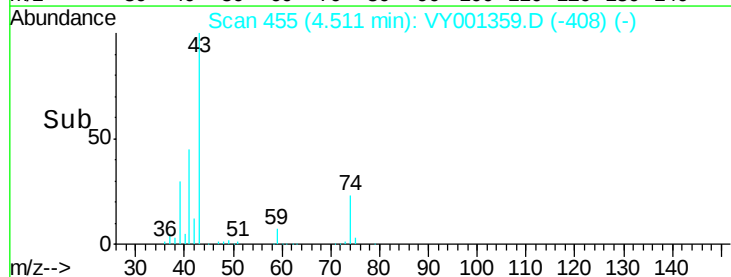
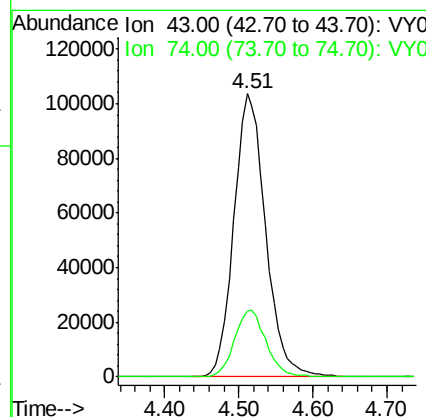
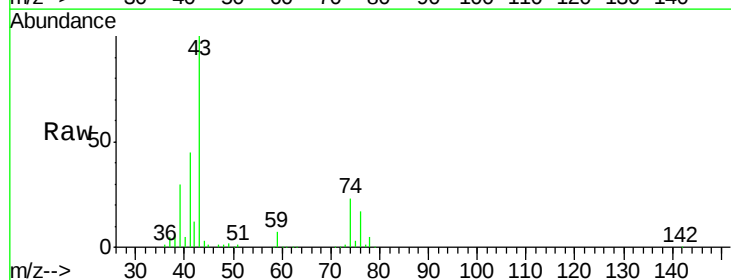
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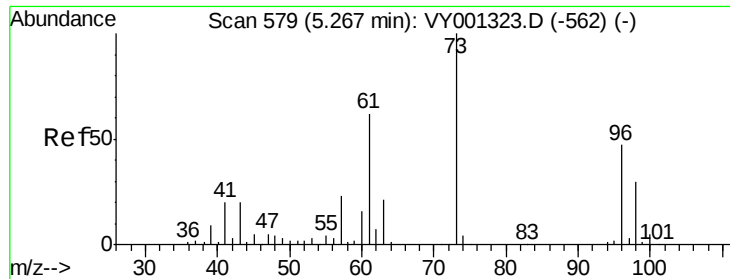
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#18
Methyl Acetate
Concen: 184.423 ug/l
RT: 4.51 min Scan# 455
Delta R.T. -0.01 min
Lab File: VY001359.D
Acq: 23 Jan 2020 17:10

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.6	19.4	29.2





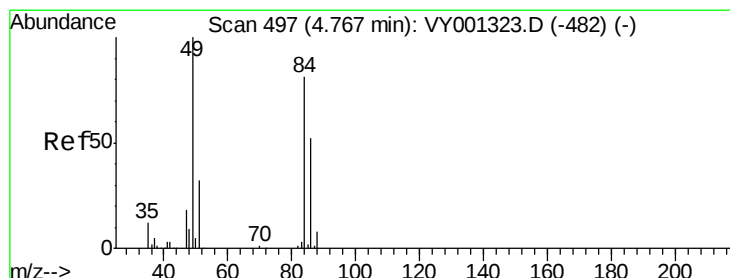
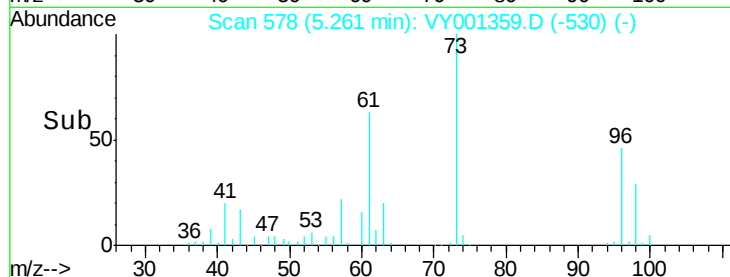
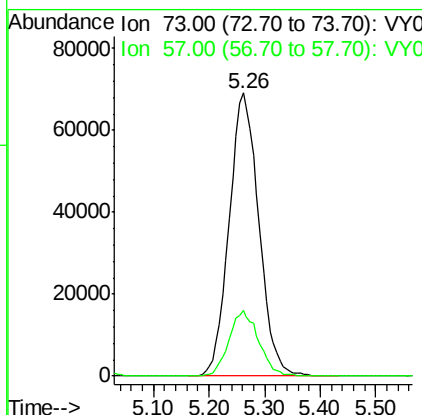
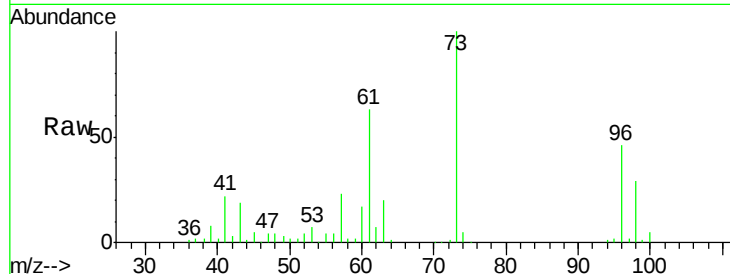
#19
Methvl tert-butvl Ether
Concen: 45.007 ug/l
RT: 5.26 min Scan# 578
Delta R.T. -0.01 min
Lab File: VY001359.D
Acq: 23 Jan 2020 17:10

Instrument :
MSVOA_Y
ClientSampleId :
EP-12MS

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.1	18.2	27.2

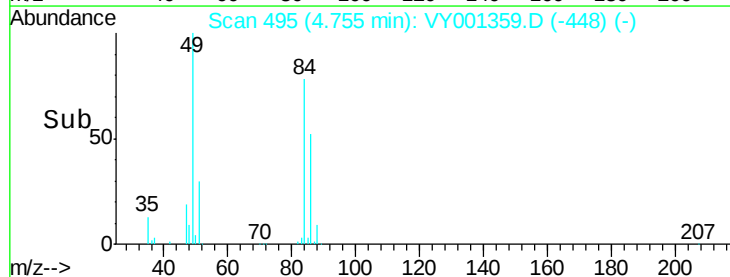
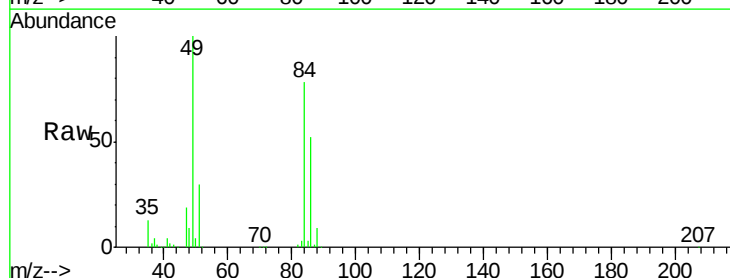
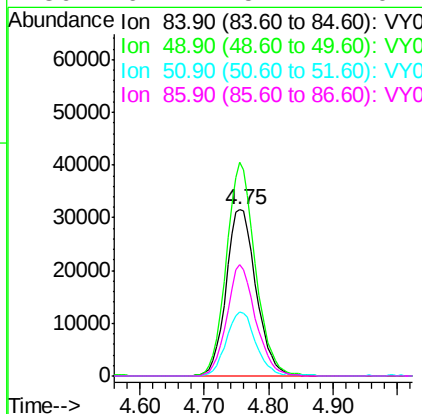
Manual Integrations
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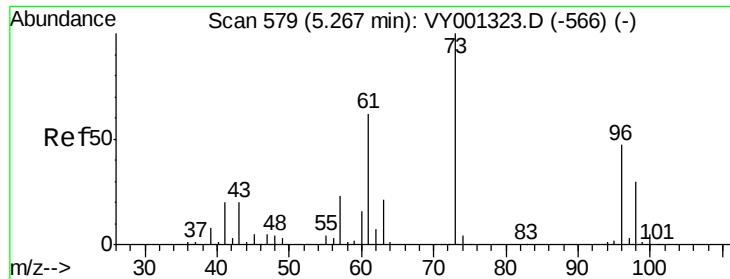
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#20
Methylene Chloride
Concen: 41.168 ug/l
RT: 4.75 min Scan# 495
Delta R.T. -0.01 min
Lab File: VY001359.D
Acq: 23 Jan 2020 17:10

Tgt Ion	Ratio	Lower	Upper
84	100		
49	128.5	98.3	147.5
51	38.5	31.6	47.4
86	67.1	51.1	76.7





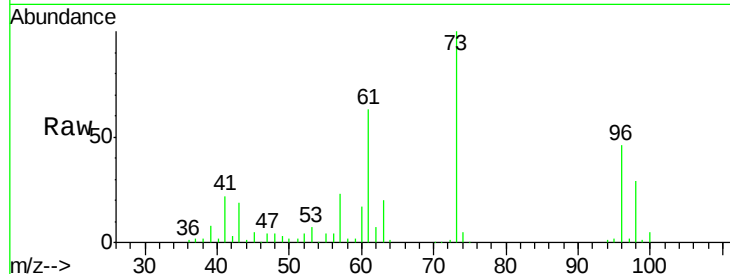
#21
trans-1,2-Dichloroethene
Concen: 44.809 ug/l
RT: 5.26 min Scan# 578
Delta R.T. -0.01 min
Lab File: VY001359.D
Acq: 23 Jan 2020 17:10

Instrument :
MSVOA_Y
ClientSampled :
EP-12MS

Tot Ion	Ratio	Lower	Upper
96	100		
61	137.9	106.8	160.2
98	63.5	51.0	76.6

Manual Integrations
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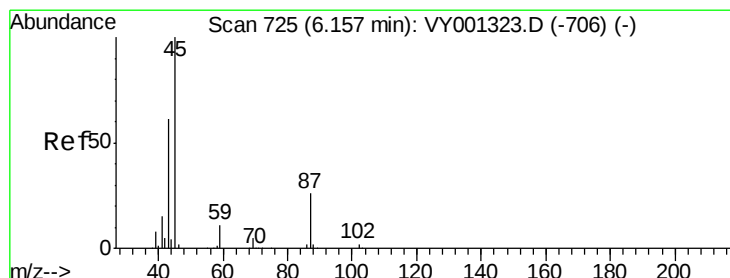
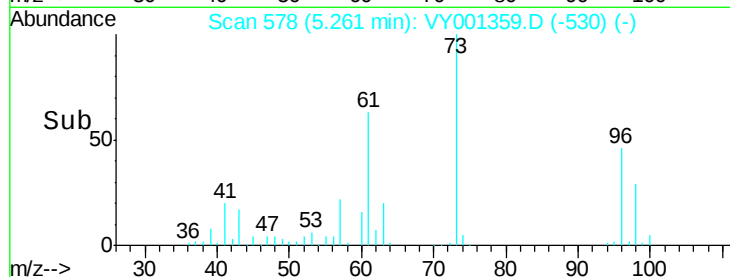
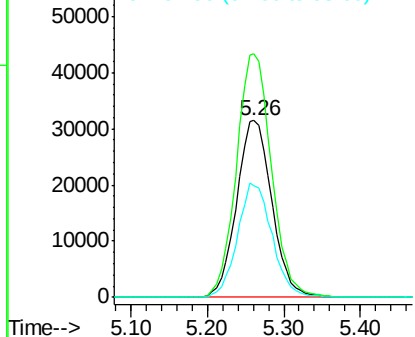


Abundance

Ion 95.90 (95.60 to 96.60): VY001323.D (-566) (-)

Ion 60.90 (60.60 to 61.60): VY001323.D (-566) (-)

Ion 97.90 (97.60 to 98.60): VY001323.D (-566) (-)



#22
Diisopropyl ether
Concen: 43.647 ug/l
RT: 6.16 min Scan# 725
Delta R.T. -0.00 min
Lab File: VY001359.D
Acq: 23 Jan 2020 17:10

Tgt Ion	Ratio	Lower	Upper
45	100		
43	47.3	49.2	73.8#
87	27.7	21.4	32.2
59	11.9	9.3	13.9

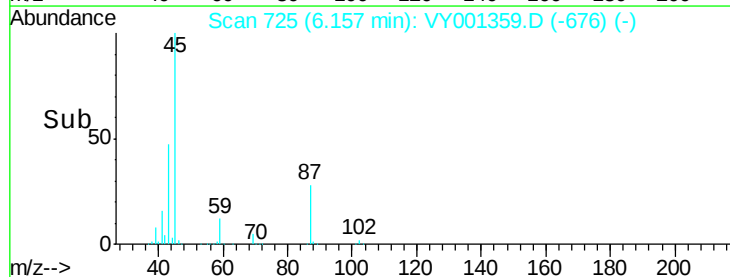
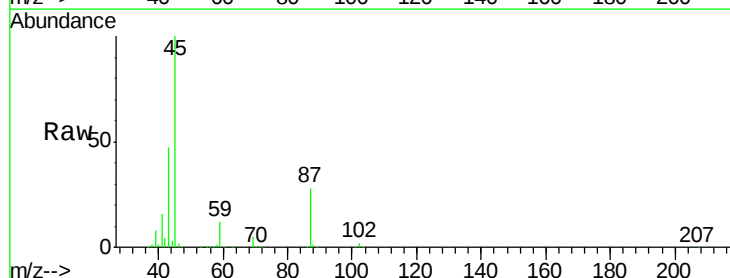
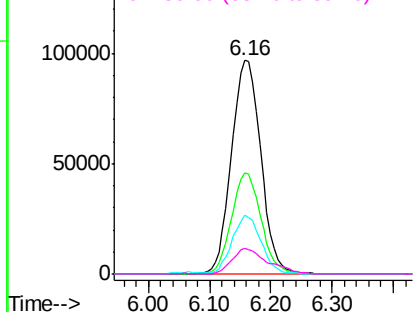
Abundance

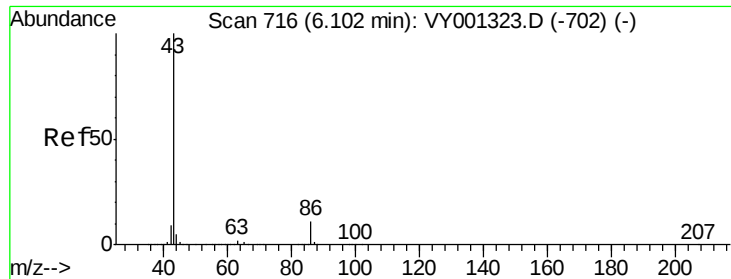
Ion 45.00 (44.70 to 45.70): VY001323.D (-706) (-)

Ion 43.00 (42.70 to 43.70): VY001323.D (-706) (-)

Ion 87.00 (86.70 to 87.70): VY001323.D (-706) (-)

Ion 59.00 (58.70 to 59.70): VY001323.D (-706) (-)





#23

Vinyl Acetate

Concen: 32.171 ug/l

RT: 6.16 min Scan# 725

Delta R.T. 0.05 min

Lab File: VY001359.D

Acq: 23 Jan 2020 17:10

Instrument :

MSVOA_Y

ClientSampled :

EP-12MS

Tot Ion: 43 Resp: 153417

Ion Ratio Lower Upper

43 100

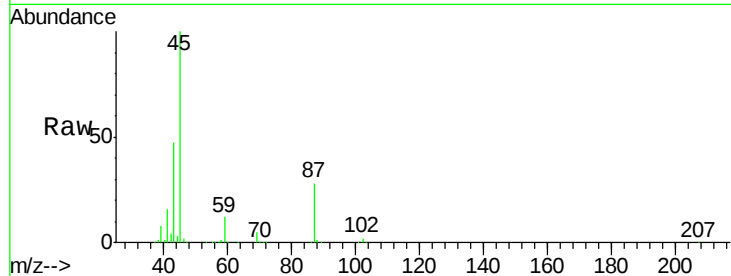
86 0.2 8.6 13.0#

Manual Integrations

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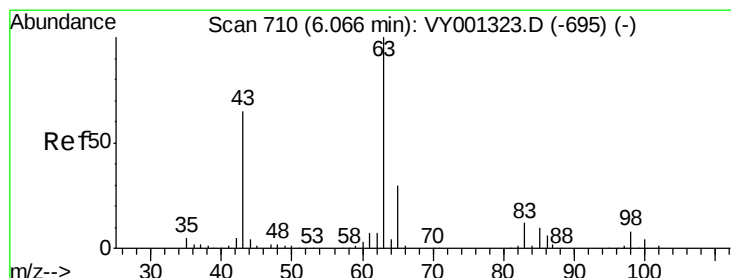
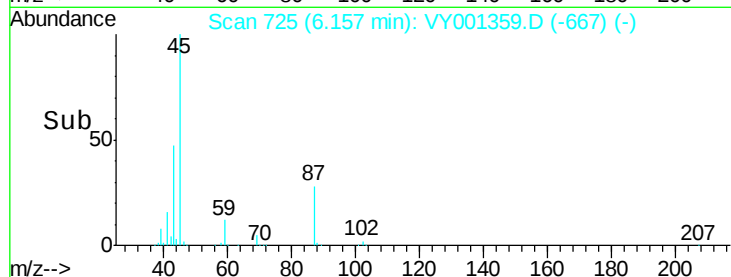
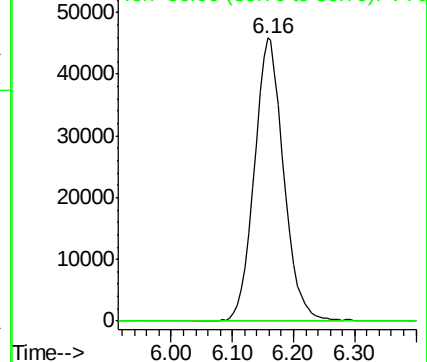
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 45.634 ug/l

RT: 6.06 min Scan# 709

Delta R.T. -0.01 min

Lab File: VY001359.D

Acq: 23 Jan 2020 17:10

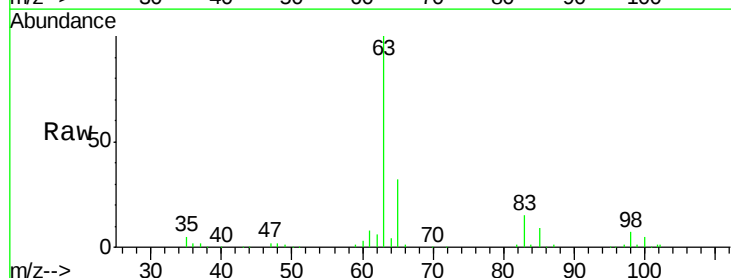
Tgt Ion: 63 Resp: 176685

Ion Ratio Lower Upper

63 100

98 7.0 4.0 12.0

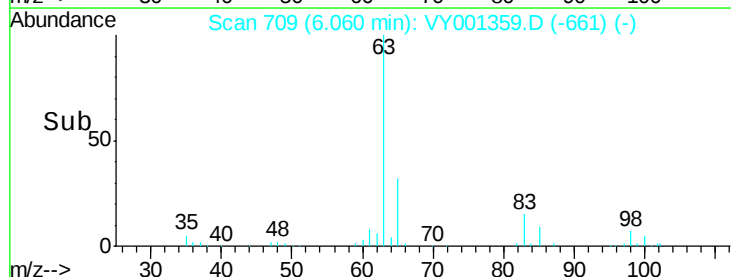
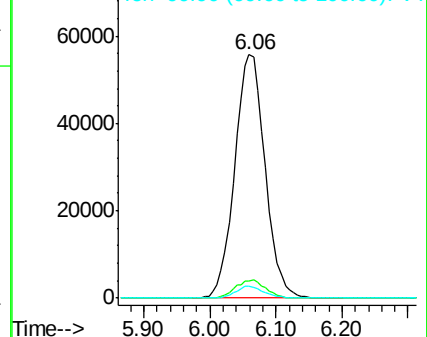
100 5.0 2.1 6.3



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 213.575 ug/l

RT: 7.02 min Scan# 867

Delta R.T. -0.00 min

Lab File: VY001359.D

Acq: 23 Jan 2020 17:10

Instrument :

MSVOA_Y

ClientSampleId :

EP-12MS

Tot Ion: 43 Resp: 184802

Ion Ratio Lower Upper

43 100

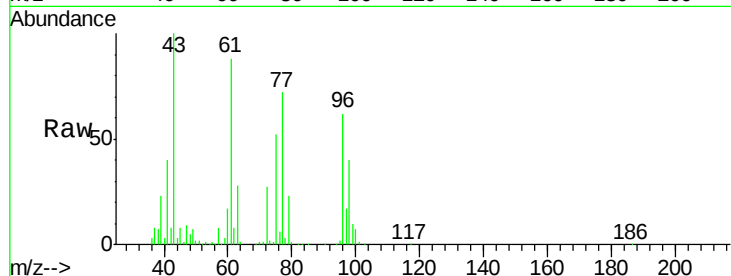
72 26.9 20.6 31.0

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

7.02

60000

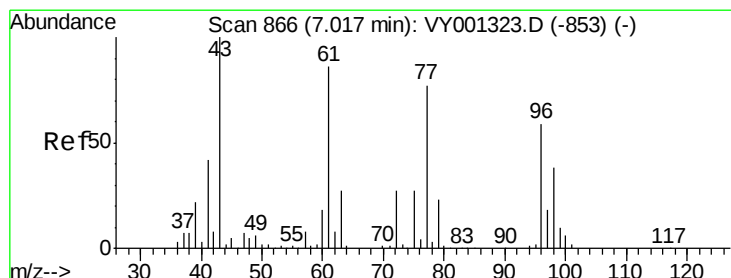
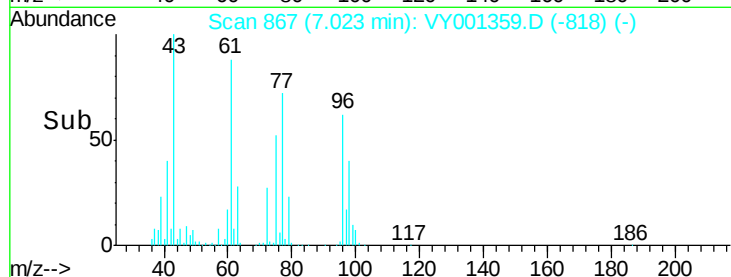
40000

20000

0

Time-->

6.90 7.00 7.10



#26

2,2-Dichloropropane

Concen: 44.515 ug/l

RT: 7.02 min Scan# 866

Delta R.T. -0.00 min

Lab File: VY001359.D

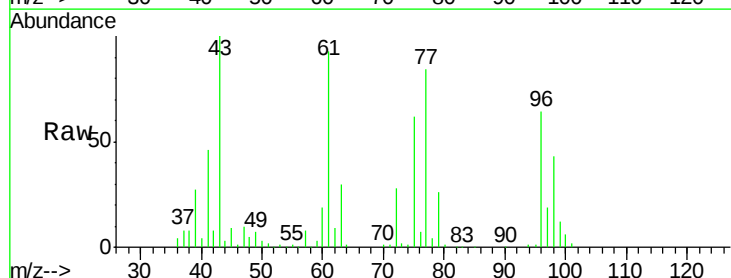
Acq: 23 Jan 2020 17:10

Tgt Ion: 77 Resp: 153524

Ion Ratio Lower Upper

77 100

97 23.1 11.9 35.5



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0

7.02

60000

50000

40000

30000

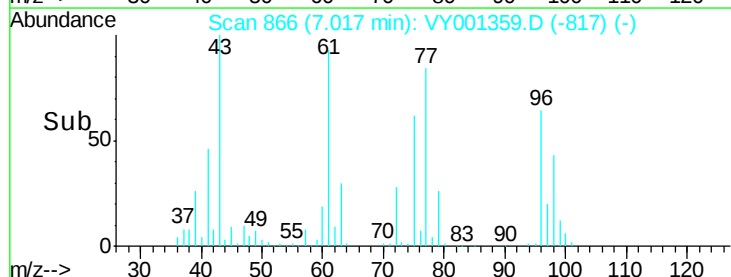
20000

10000

0

Time-->

6.90 7.00 7.10 7.20





#27

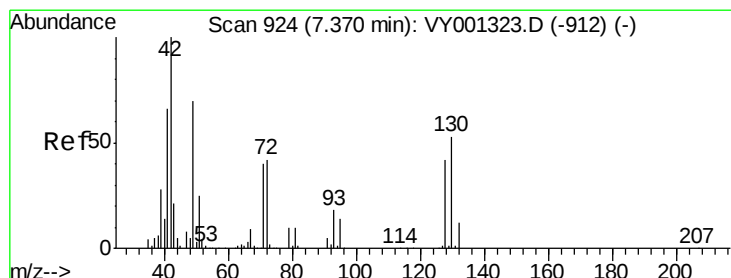
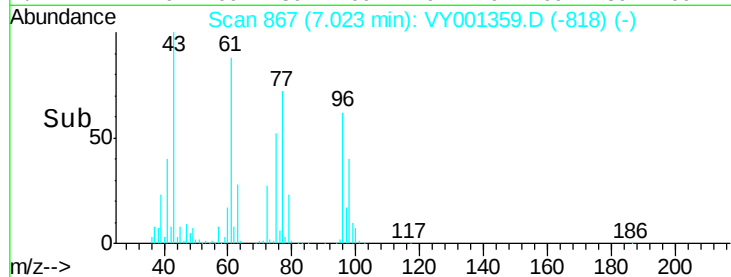
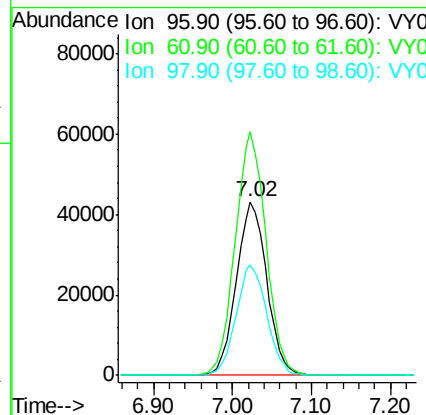
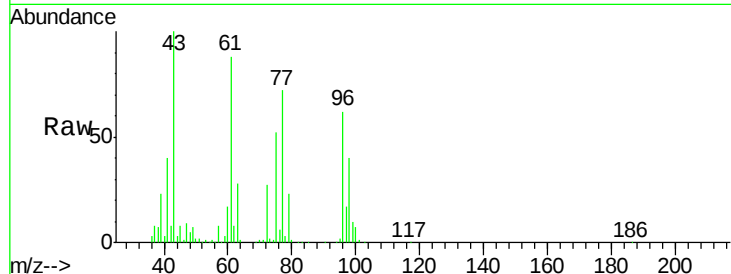
cis-1,2-Dichloroethene
Concen: 45.858 ug/l
RT: 7.02 min Scan# 867
Delta R.T. -0.00 min
Lab File: VY001359.D
Acq: 23 Jan 2020 17:10

Instrument :
MSVOA_Y
ClientSampleId :
EP-12MS

Tot Ion	Ratio	Resp	Lower	Upper
96	100	115477		
61	142.4	0.0	284.8	
98	64.5	0.0	128.4	

Manual Integrations
APPROVED

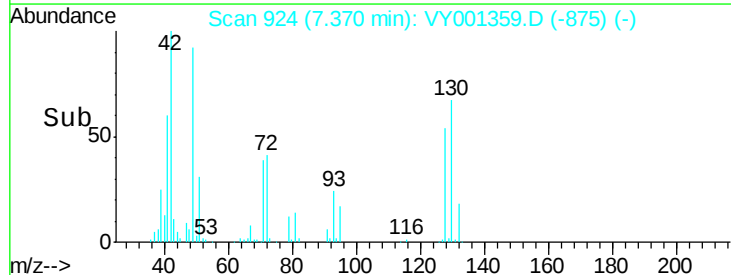
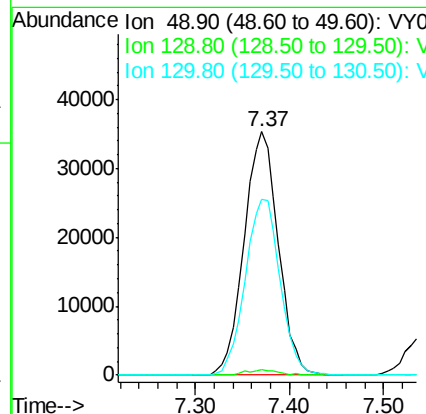
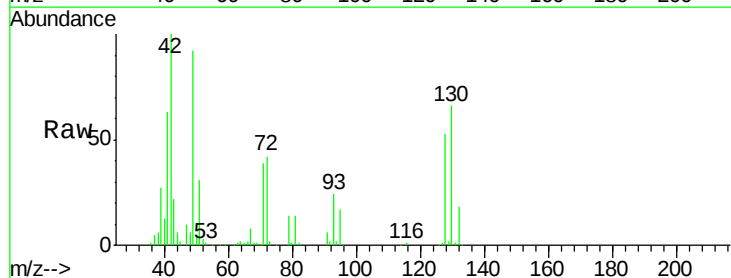
MMDadoda
1/24/2020 4:03:37 PM

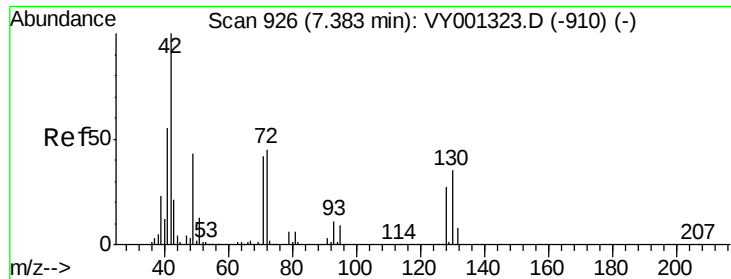


#28

Bromochloromethane
Concen: 56.050 ug/l
RT: 7.37 min Scan# 924
Delta R.T. -0.00 min
Lab File: VY001359.D
Acq: 23 Jan 2020 17:10

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	89497		
129	2.0	0.0	4.0	
130	74.0	58.9	88.3	





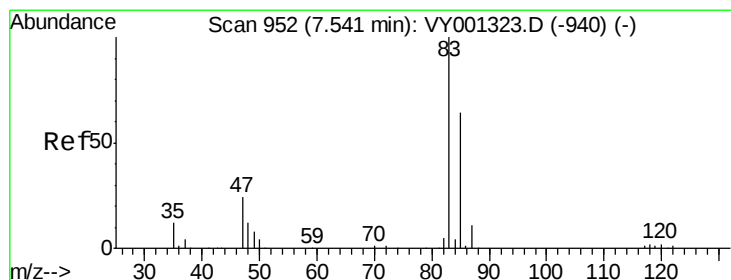
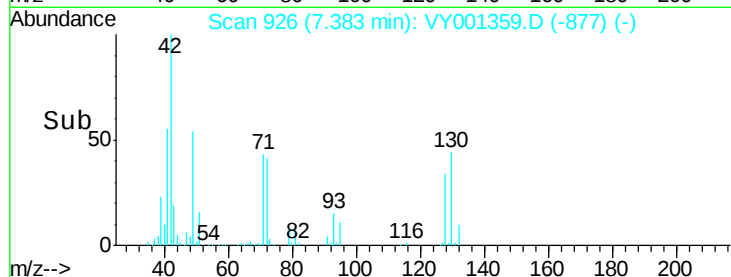
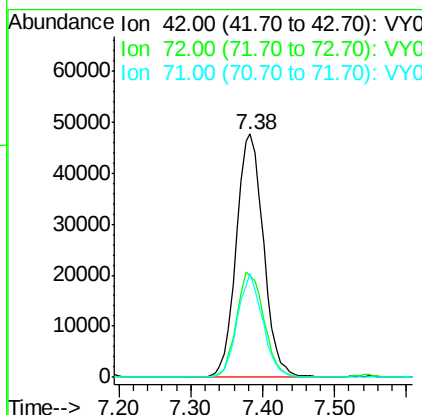
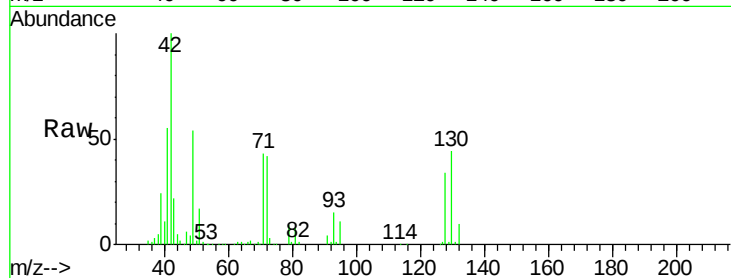
#29
Tetrahydrofuran
Concen: 222.326 ug/l
RT: 7.38 min Scan# 926
Delta R.T. -0.00 min
Lab File: VY001359.D
Acq: 23 Jan 2020 17:10

Instrument :
MSVOA_Y
ClientSampleId :
EP-12MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.6	34.6	51.8
71	39.7	32.6	48.8

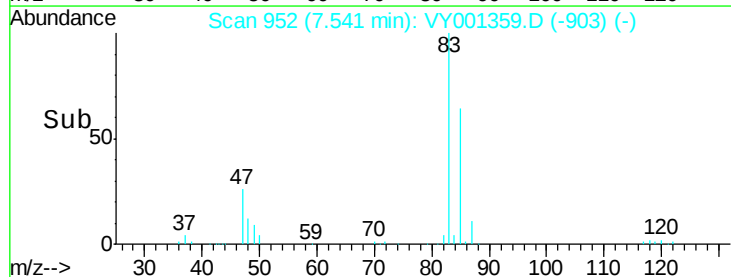
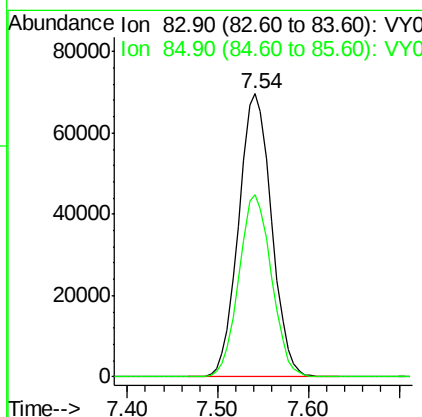
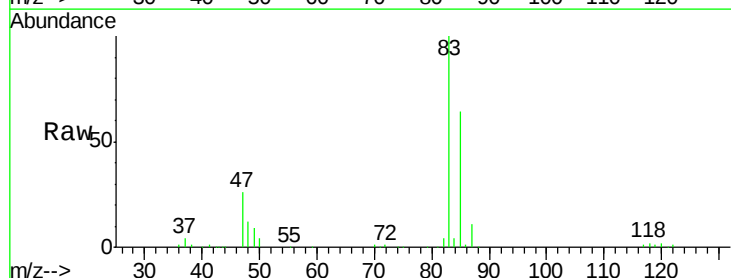
Manual Integrations
APPROVED

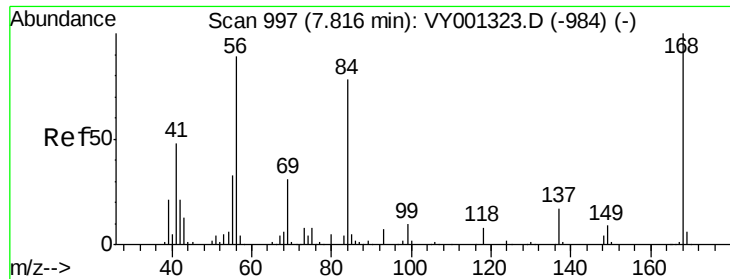
MMDadoda
1/24/2020 4:03:37 PM



#30
Chloroform
Concen: 46.089 ug/l
RT: 7.54 min Scan# 952
Delta R.T. -0.00 min
Lab File: VY001359.D
Acq: 23 Jan 2020 17:10

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.3	51.5	77.3





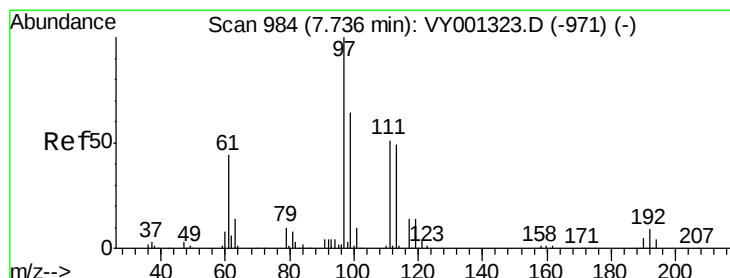
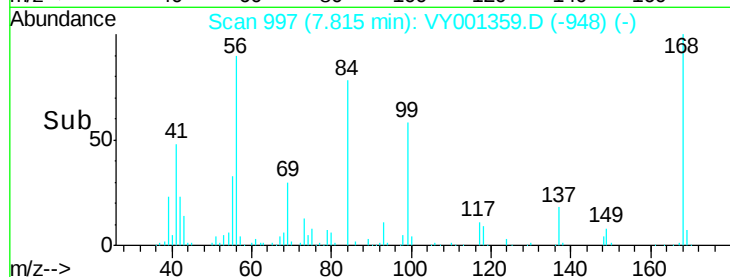
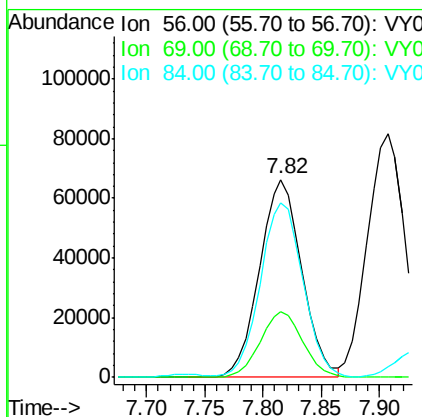
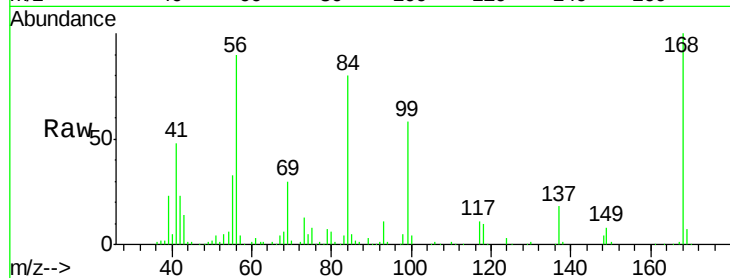
#31
Cyclohexane
Concen: 43.418 ug/l
RT: 7.82 min Scan# 997
Delta R.T. -0.00 min
Lab File: VY001359.D
Acq: 23 Jan 2020 17:10

Instrument :
MSVOA_Y
ClientSampled :
EP-12MS

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.0	27.6	41.4
84	86.9	69.7	104.5

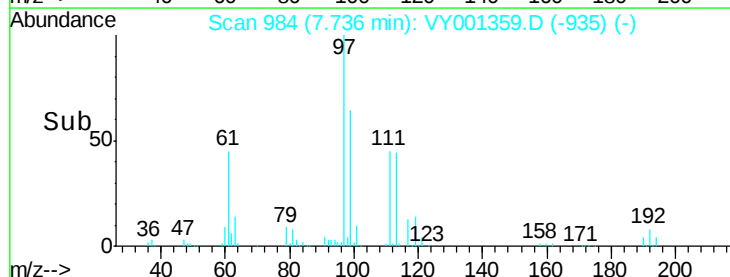
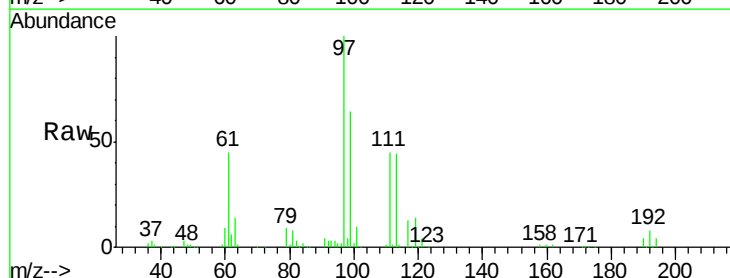
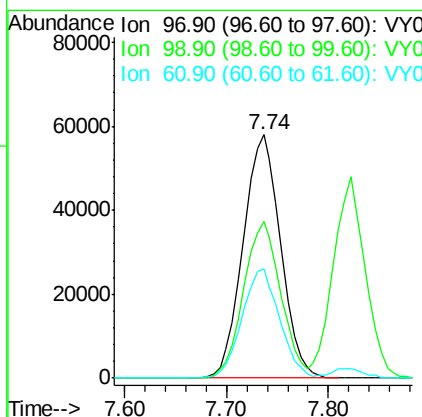
Manual Integrations
APPROVED

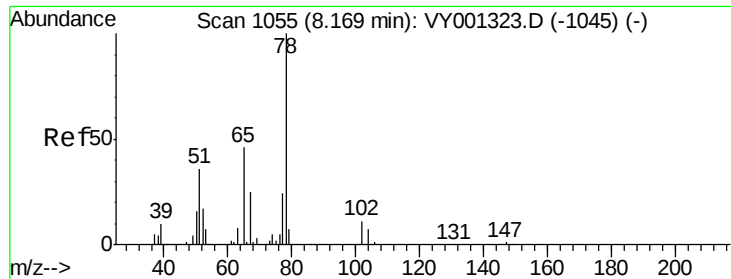
MMDadoda
1/24/2020 4:03:37 PM



#32
1,1,1-Trichloroethane
Concen: 46.305 ug/l
RT: 7.74 min Scan# 984
Delta R.T. -0.00 min
Lab File: VY001359.D
Acq: 23 Jan 2020 17:10

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.3	76.9
61	44.7	35.9	53.9





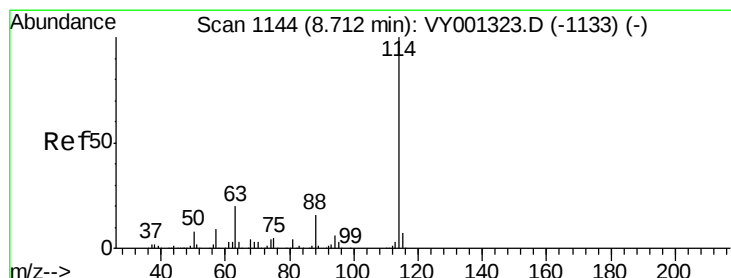
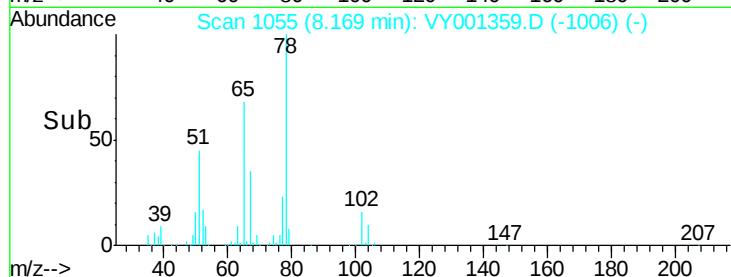
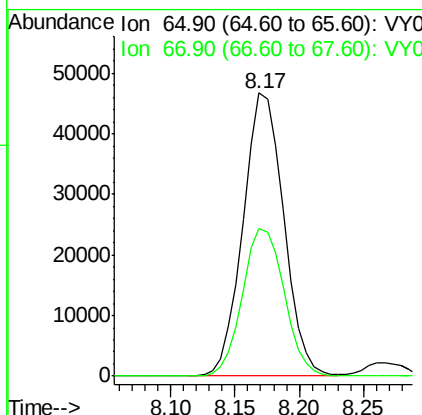
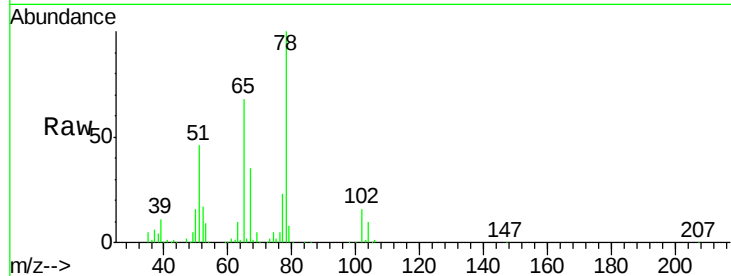
#33
 1,2-Dichloroethane-d4
 Concen: 51.481 ug/l
 RT: 8.17 min Scan# 1055
 Delta R.T. -0.00 min
 Lab File: VY001359.D
 Acq: 23 Jan 2020 17:10

Instrument :
 MSVOA_Y
 ClientSampled :
 EP-12MS

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	108.6

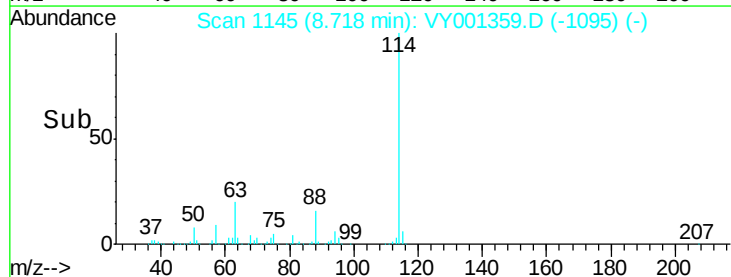
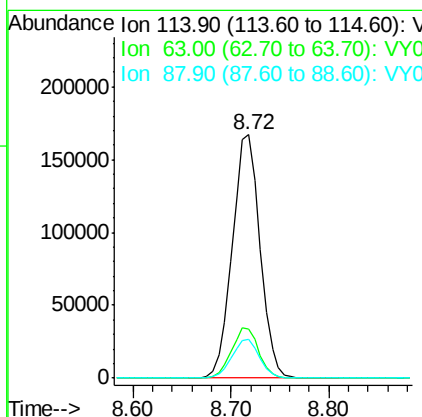
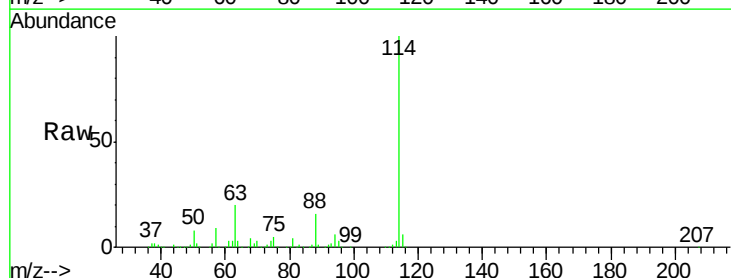
Manual Integrations
 APPROVED

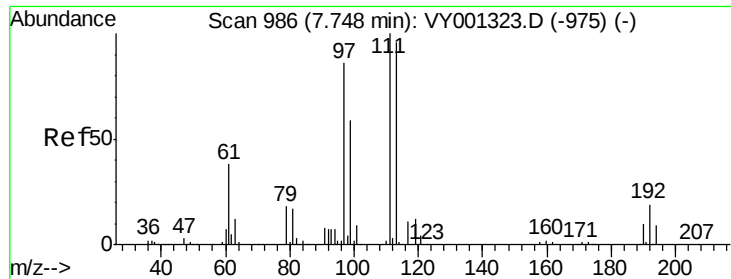
MMDadoda
 1/24/2020 4:03:37 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.72 min Scan# 1145
 Delta R.T. 0.01 min
 Lab File: VY001359.D
 Acq: 23 Jan 2020 17:10

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	40.8
88	15.8	0.0	31.0





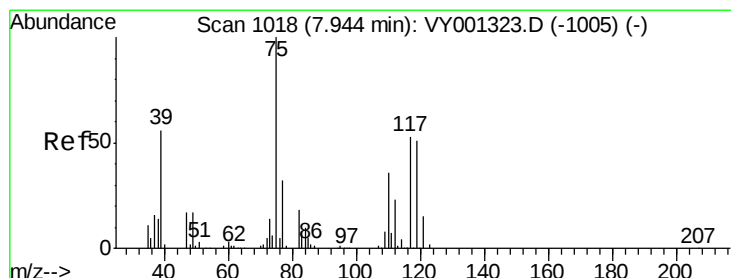
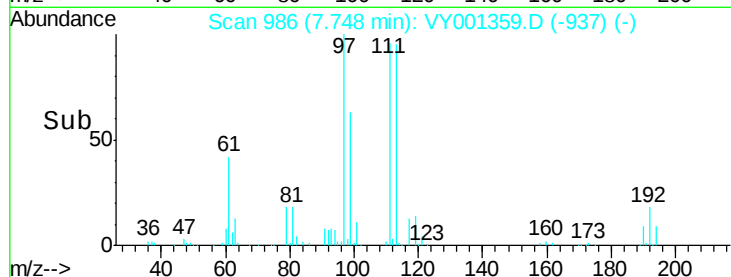
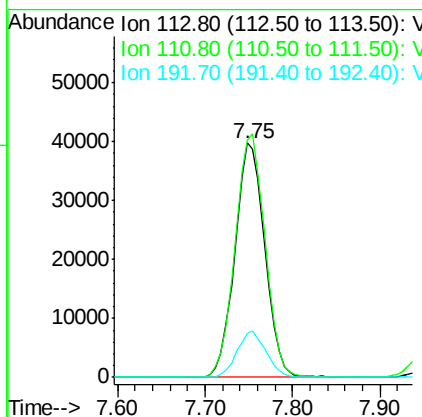
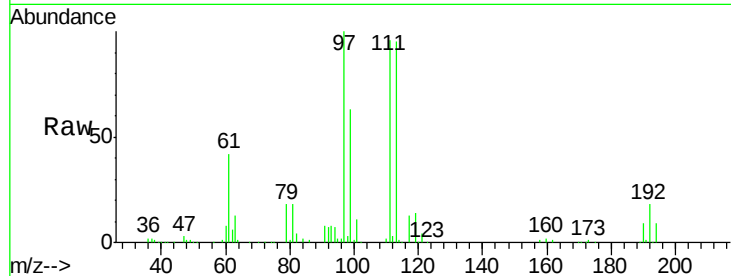
#35
Dibromofluoromethane
Concen: 49.080 ug/l
RT: 7.75 min Scan# 986
Delta R.T. -0.00 min
Lab File: VY001359.D
Acq: 23 Jan 2020 17:10

Instrument :
MSVOA_Y
ClientSampled :
EP-12MS

Tot Ion	Ratio	Resp	Lower	Upper
113	100	94566		
111	104.2	82.8	124.2	
192	19.2	15.5	23.3	

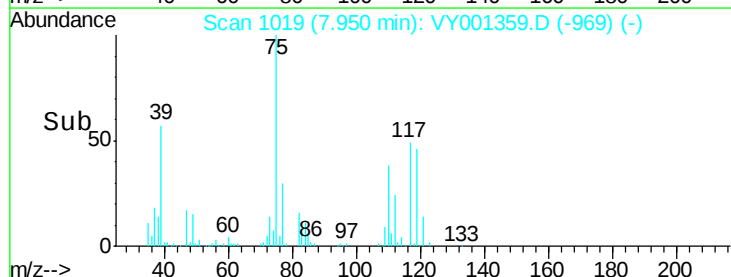
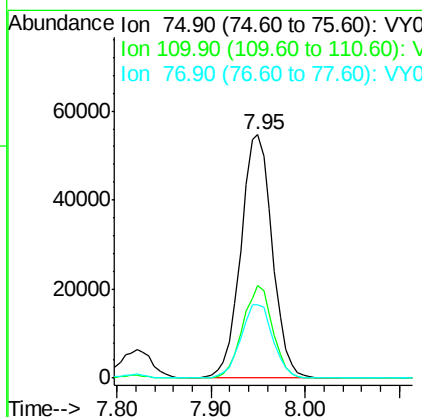
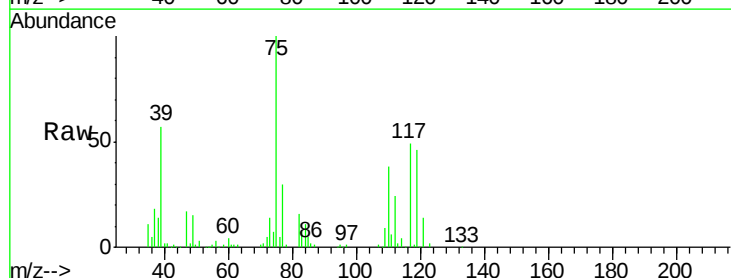
Manual Integrations
APPROVED

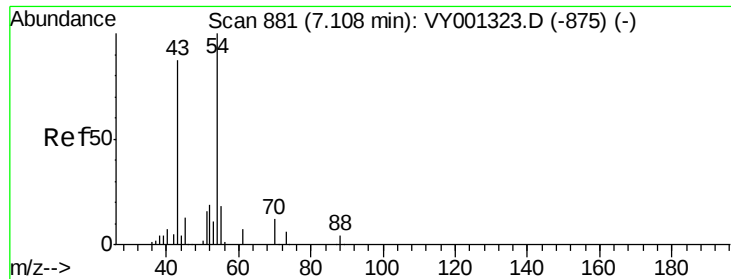
MMDadoda
1/24/2020 4:03:37 PM



#36
1,1-Dichloropropene
Concen: 41.236 ug/l
RT: 7.95 min Scan# 1019
Delta R.T. 0.01 min
Lab File: VY001359.D
Acq: 23 Jan 2020 17:10

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	127893		
110	36.1	17.6	52.8	
77	31.1	24.7	37.1	





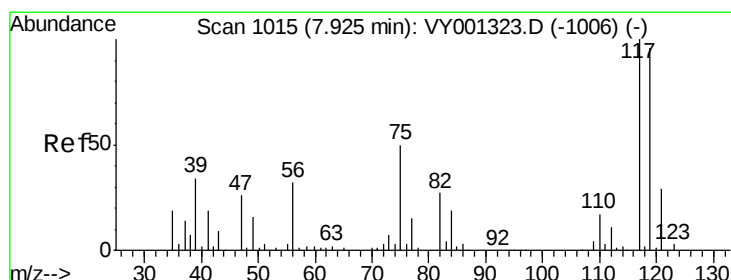
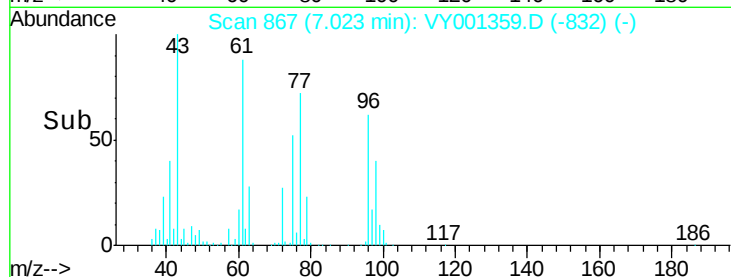
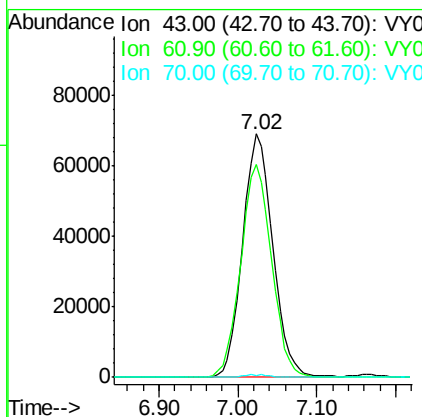
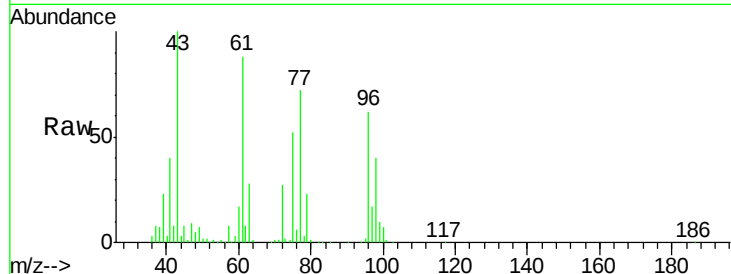
#37
Ethyl Acetate
Concen: 97.524 ug/l
RT: 7.02 min Scan# 867
Delta R.T. -0.09 min
Lab File: VY001359.D
Acq: 23 Jan 2020 17:10

Instrument :
MSVOA_Y
ClientSampled :
EP-12MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	89.0	11.3	16.9#
70	1.0	8.7	13.1#

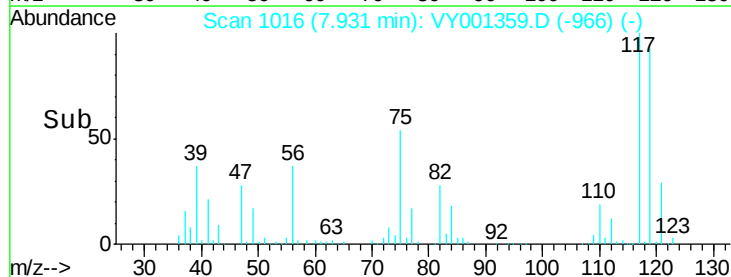
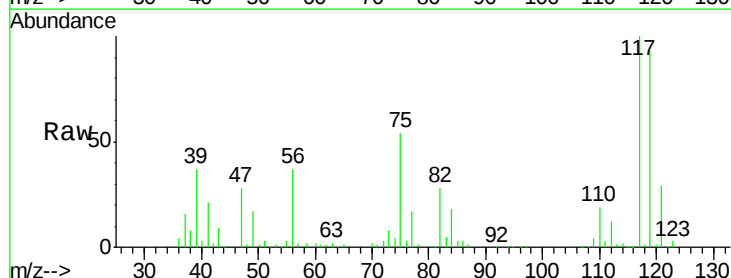
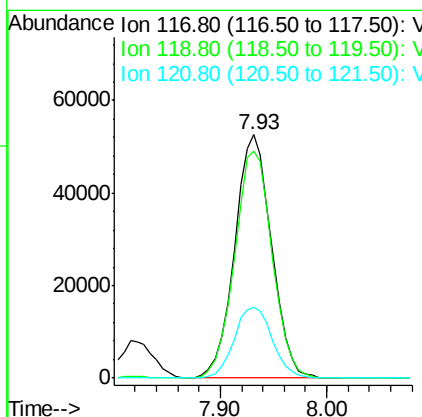
Manual Integrations
APPROVED

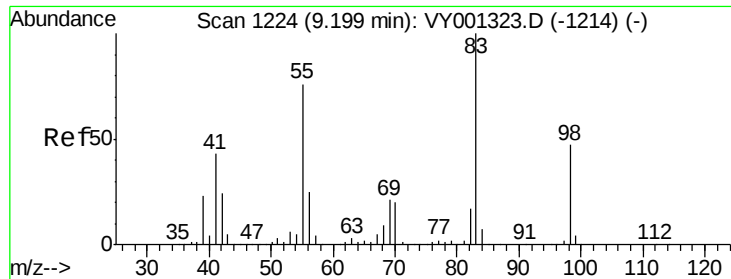
MMDadoda
1/24/2020 4:03:37 PM



#38
Carbon Tetrachloride
Concen: 46.178 ug/l
RT: 7.93 min Scan# 1016
Delta R.T. 0.01 min
Lab File: VY001359.D
Acq: 23 Jan 2020 17:10

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.0	76.3	114.5
121	29.0	23.5	35.3





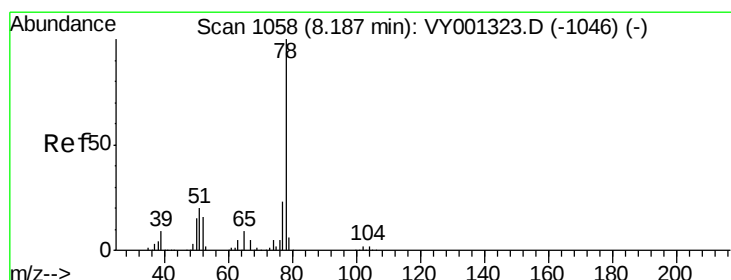
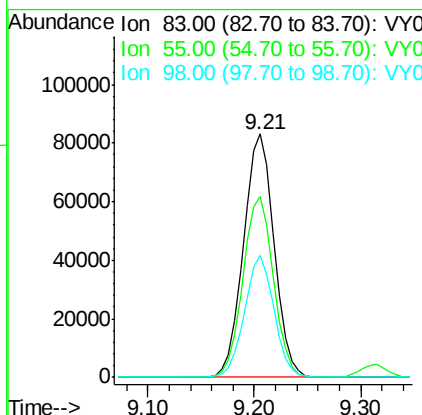
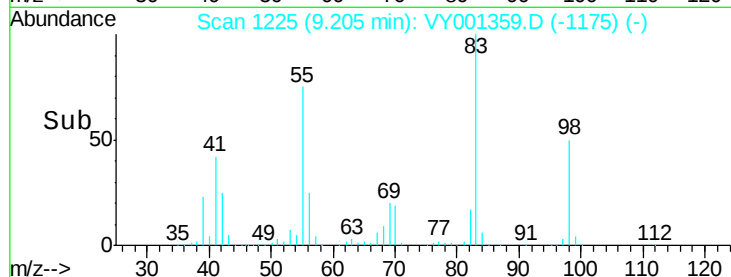
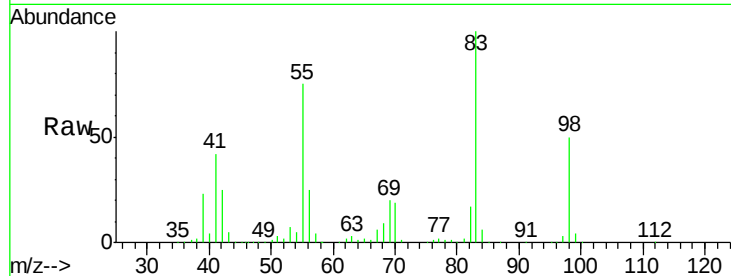
#39
Methvlcvclohexane
Concen: 42.290 ug/l
RT: 9.21 min Scan# 1225
Delta R.T. 0.01 min
Lab File: VY001359.D
Acq: 23 Jan 2020 17:10

Instrument :
MSVOA_Y
ClientSampled :
EP-12MS

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.6	60.7	91.1
98	49.9	37.8	56.8

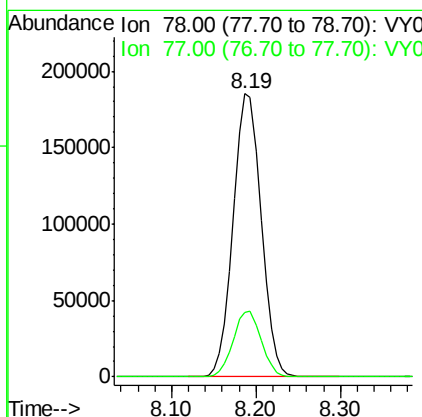
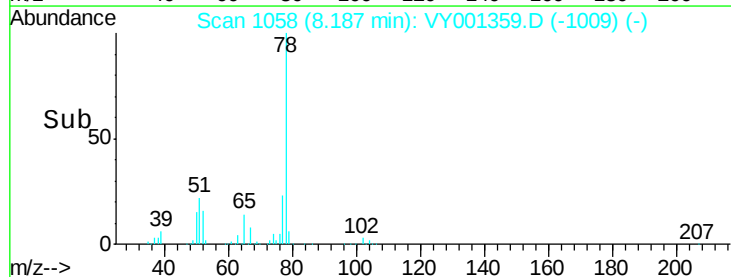
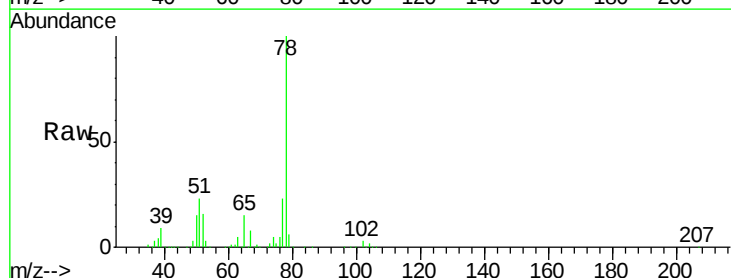
Manual Integrations
APPROVED

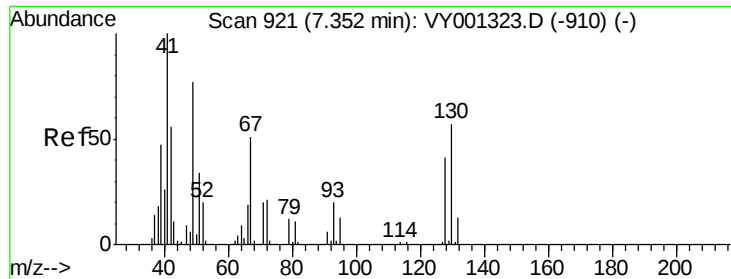
MMDadoda
1/24/2020 4:03:37 PM



#40
Benzene
Concen: 44.776 ug/l
RT: 8.19 min Scan# 1058
Delta R.T. -0.00 min
Lab File: VY001359.D
Acq: 23 Jan 2020 17:10

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.8	18.6	27.8





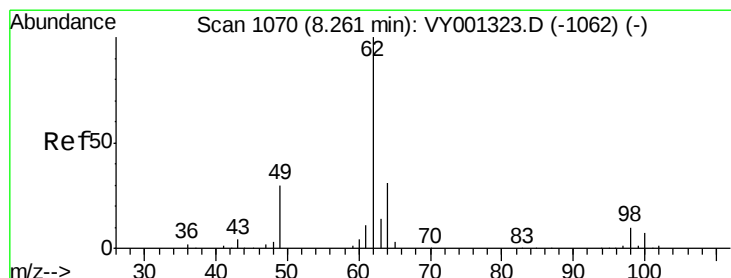
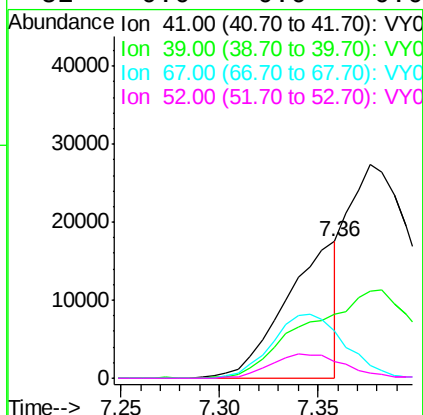
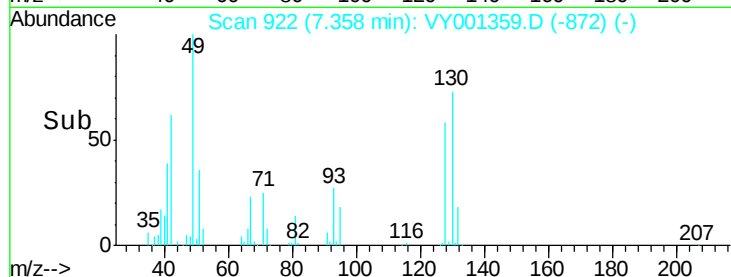
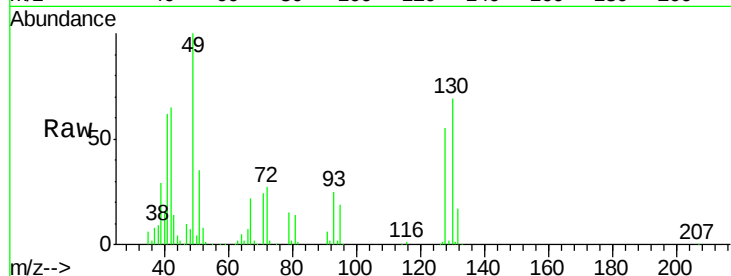
#41
Methacrylonitrile
Concen: 33.081 ug/l m
RT: 7.36 min Scan# 922
Delta R.T. 0.01 min
Lab File: VY001359.D
Acq: 23 Jan 2020 17:10

Instrument :
MSVOA_Y
ClientSampleId :
EP-12MS

Tot Ion	Ratio	Lower	Upper
41	100		
39	134.7	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

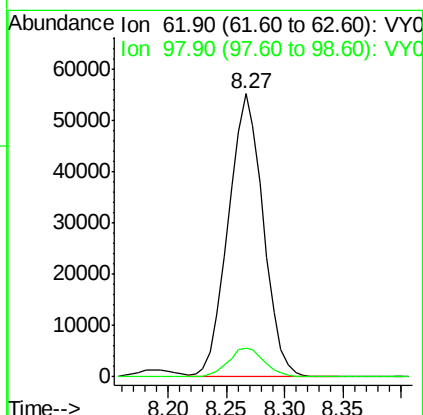
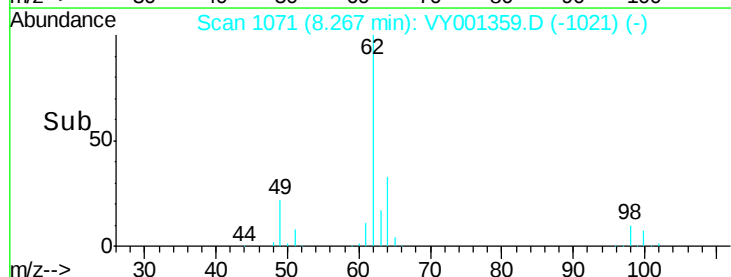
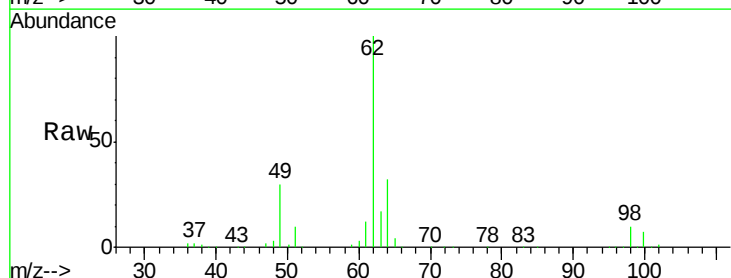
Manual Integrations
APPROVED

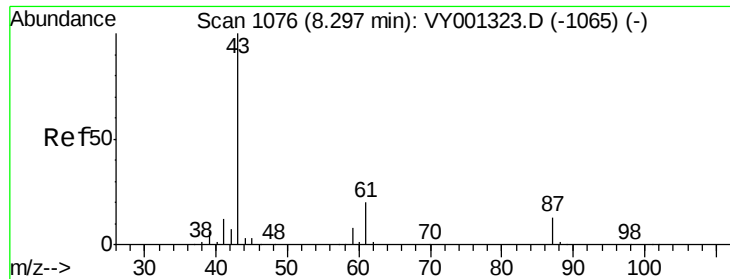
MMDadoda
1/24/2020 4:03:37 PM



#42
1,2-Dichloroethane
Concen: 44.336 ug/l
RT: 8.27 min Scan# 1071
Delta R.T. 0.01 min
Lab File: VY001359.D
Acq: 23 Jan 2020 17:10

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	20.8





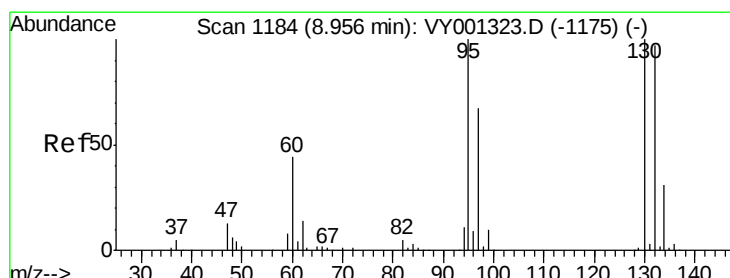
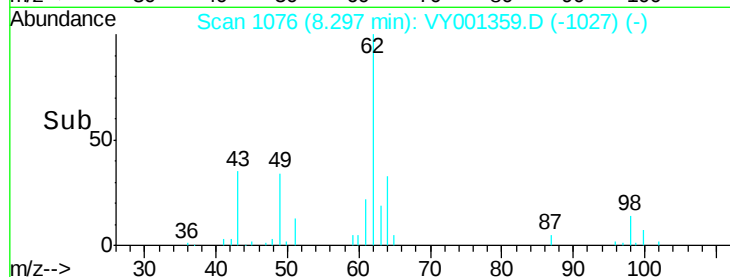
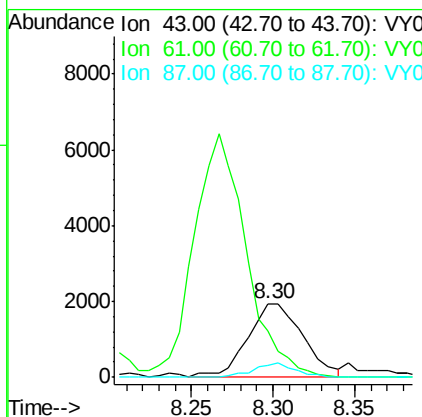
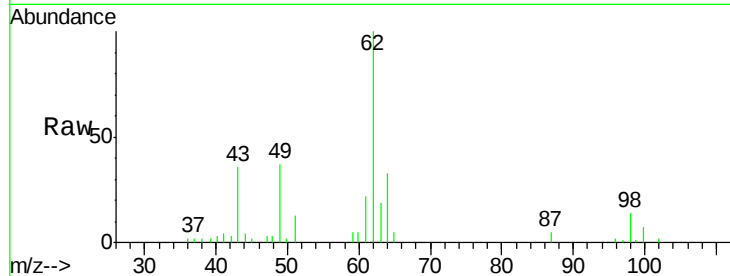
#43
Isopropyl Acetate
Concen: 1.248 ug/l
RT: 8.30 min Scan# 1076
Delta R.T. -0.00 min
Lab File: VY001359.D
Acq: 23 Jan 2020 17:10

Instrument :
MSVOA_Y
ClientSampleId :
EP-12MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	0.0	22.7	34.1#
87	14.2	11.0	16.4

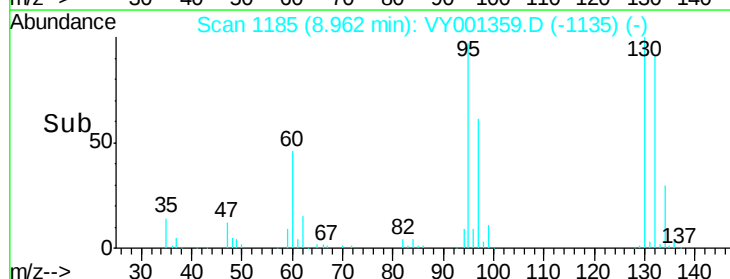
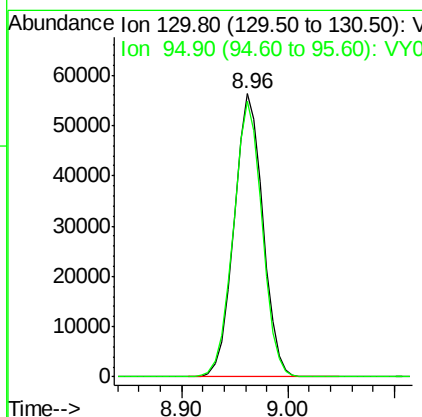
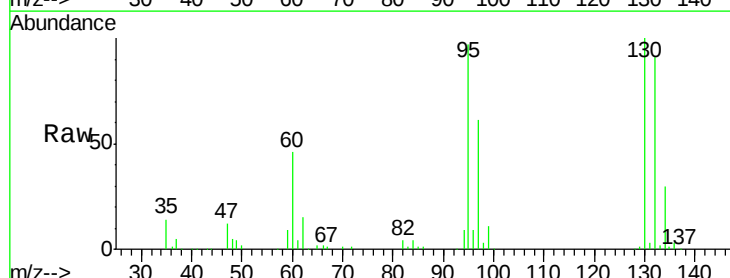
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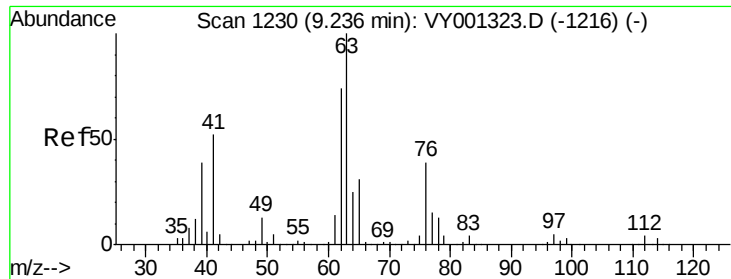
MMDadoda
1/24/2020 4:03:37 PM



#44
Trichloroethene
Concen: 44.740 ug/l
RT: 8.96 min Scan# 1185
Delta R.T. 0.01 min
Lab File: VY001359.D
Acq: 23 Jan 2020 17:10

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.2	0.0	200.0





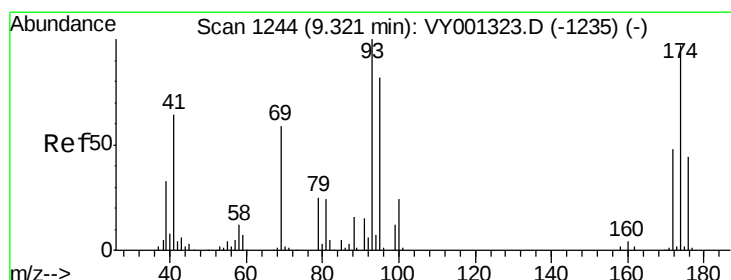
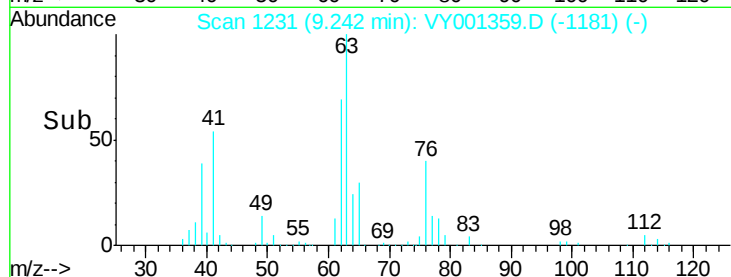
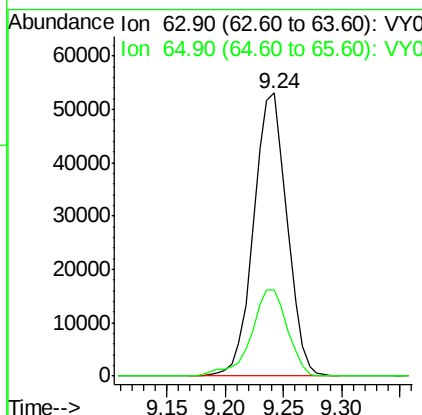
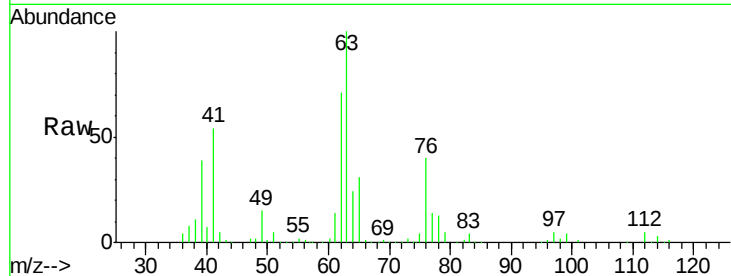
#45
 1,2-Dichloropropane
 Concen: 44.941 ug/l
 RT: 9.24 min Scan# 1231
 Delta R.T. 0.01 min
 Lab File: VY001359.D
 Acq: 23 Jan 2020 17:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-12MS

Tot Ion: 63 Resp: 105652
 Ion Ratio Lower Upper
 63 100
 65 30.7 24.9 37.3

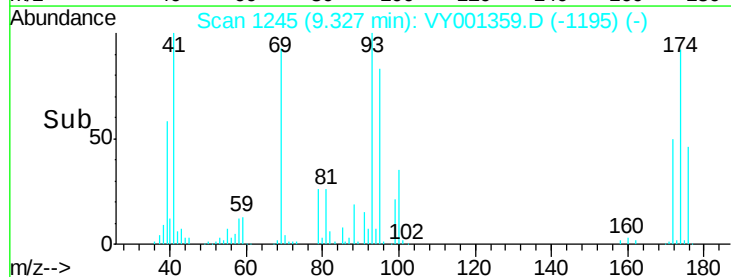
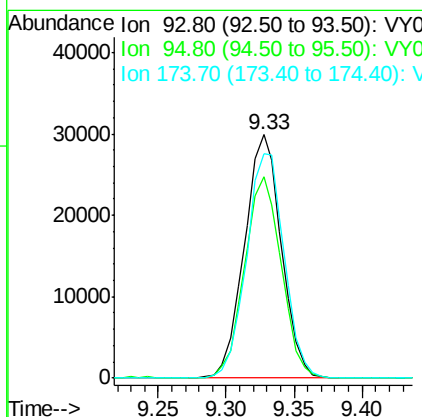
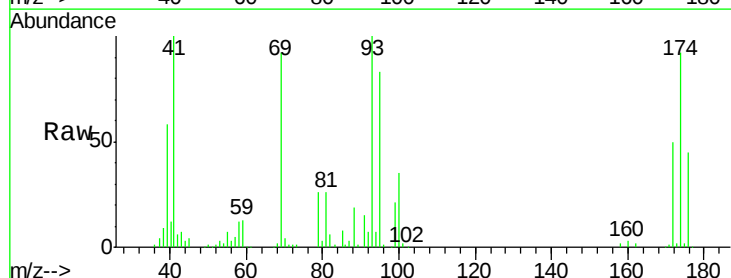
Manual Integrations
 APPROVED

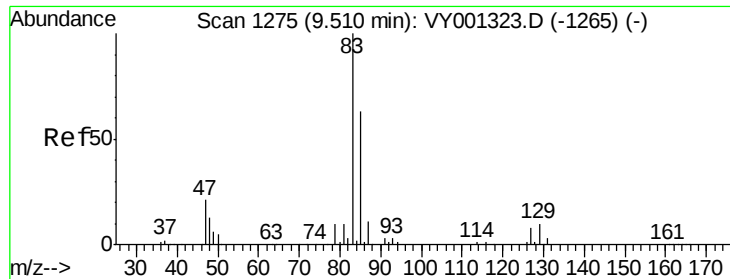
MMDadoda
 1/24/2020 4:03:37 PM



#46
 Dibromomethane
 Concen: 45.101 ug/l
 RT: 9.33 min Scan# 1245
 Delta R.T. 0.01 min
 Lab File: VY001359.D
 Acq: 23 Jan 2020 17:10

Tgt Ion: 93 Resp: 56921
 Ion Ratio Lower Upper
 93 100
 95 82.2 66.5 99.7
 174 94.1 77.9 116.9





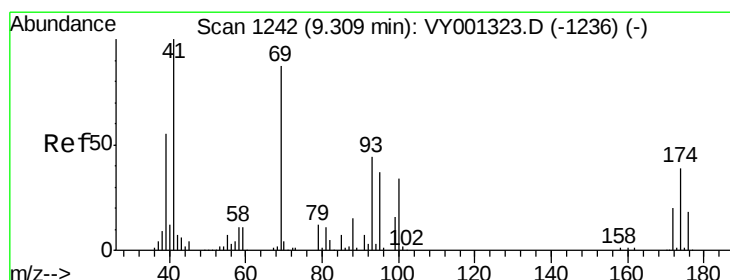
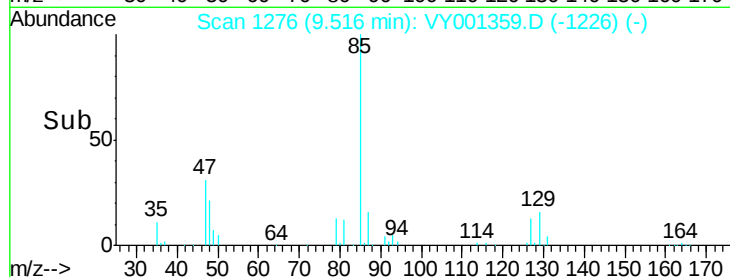
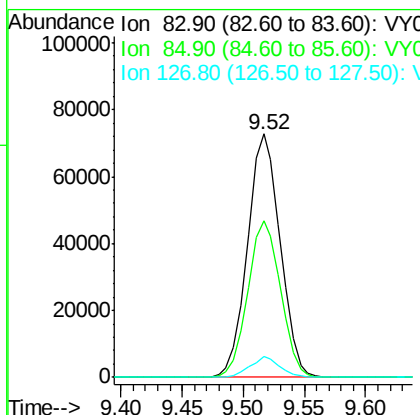
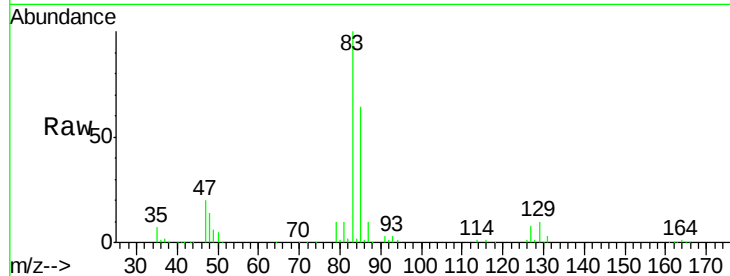
#47
 Bromodichloromethane
 Concen: 44.805 ug/l
 RT: 9.52 min Scan# 1276
 Delta R.T. 0.01 min
 Lab File: VY001359.D
 Acq: 23 Jan 2020 17:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-12MS

Tot Ion	83	Resp	135180
Ion Ratio	100	Lower	Upper
83	100		
85	64.5	50.2	75.2
127	8.4	6.4	9.6

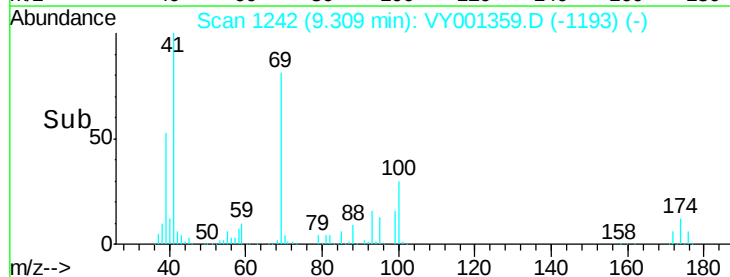
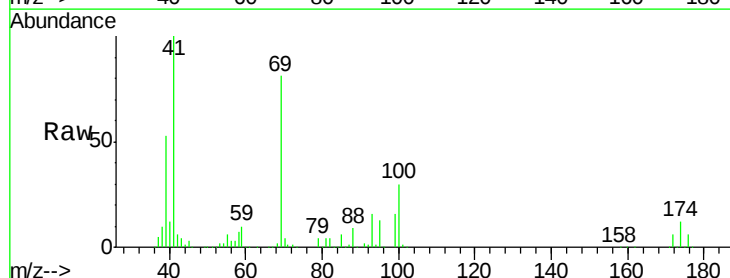
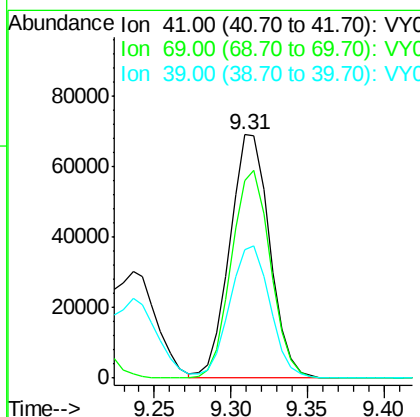
Manual Integrations
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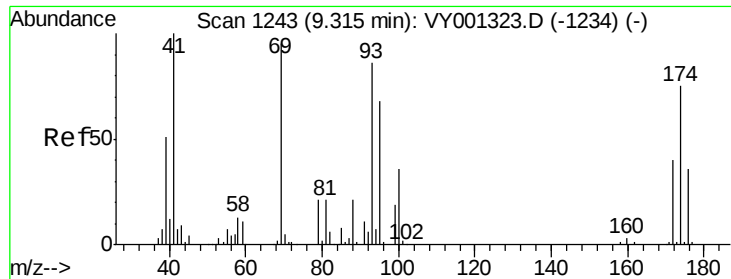
MMDadoda
 1/24/2020 4:03:37 PM



#48
 Methyl methacrylate
 Concen: 74.432 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY001359.D
 Acq: 23 Jan 2020 17:10

Tgt Ion	41	Resp	124678
Ion Ratio	100	Lower	Upper
41	100		
69	84.2	70.2	105.4
39	54.8	45.7	68.5





#49

1,4-Dioxane

Concen: 898.648 ug/l

RT: 9.32 min Scan# 1244

Delta R.T. 0.01 min

Lab File: VY001359.D

Acq: 23 Jan 2020 17:10

Instrument :

MSVOA_Y

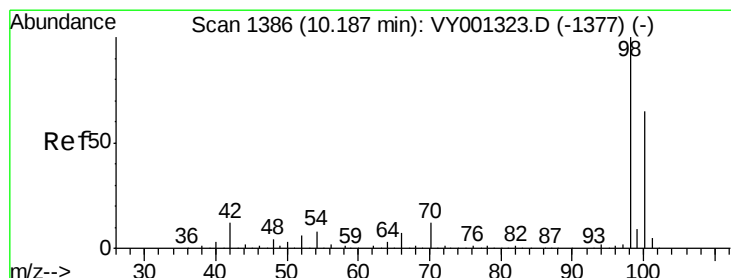
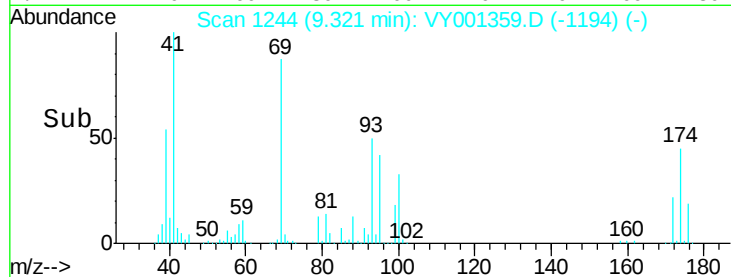
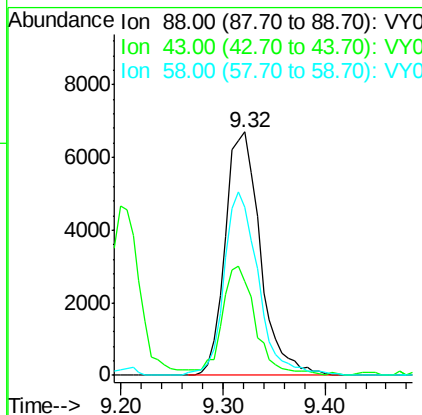
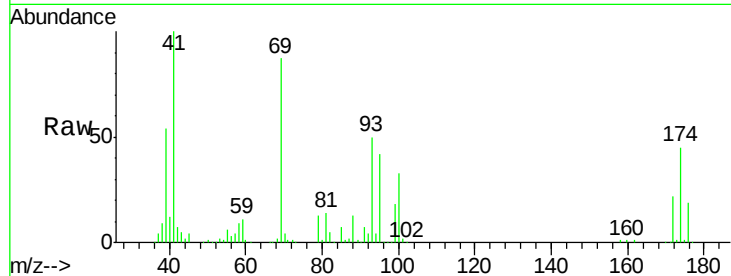
ClientSampleId :

EP-12MS

Tot Ion	Ratio	Lower	Upper
88	100		
43	43.4	28.2	42.2#
58	73.2	55.6	83.4

Manual Integrations
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#50

Toluene-d8

Concen: 50.602 ug/l

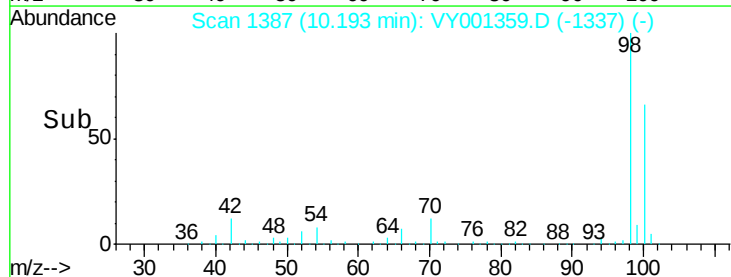
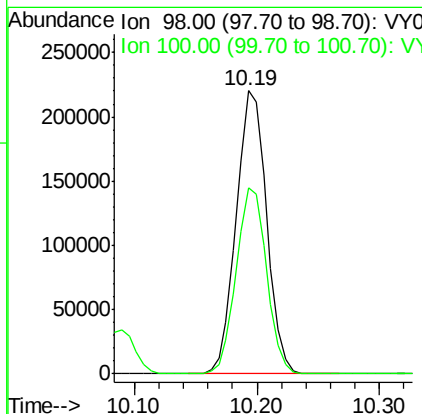
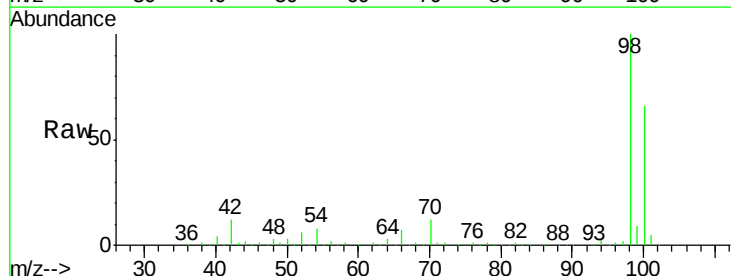
RT: 10.19 min Scan# 1387

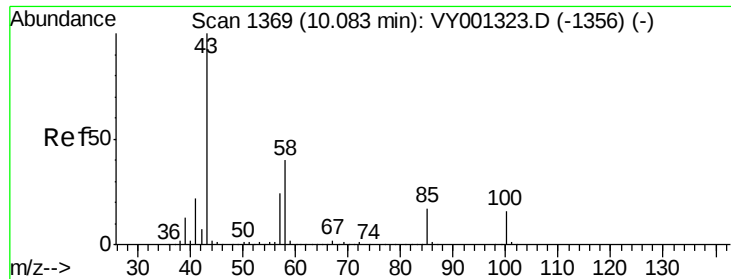
Delta R.T. 0.01 min

Lab File: VY001359.D

Acq: 23 Jan 2020 17:10

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.6	79.0





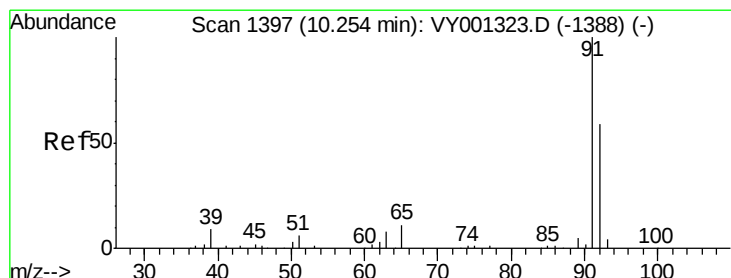
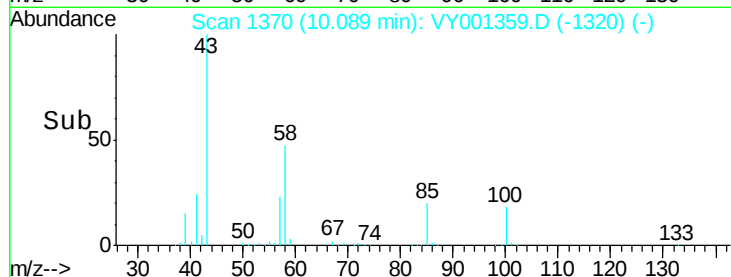
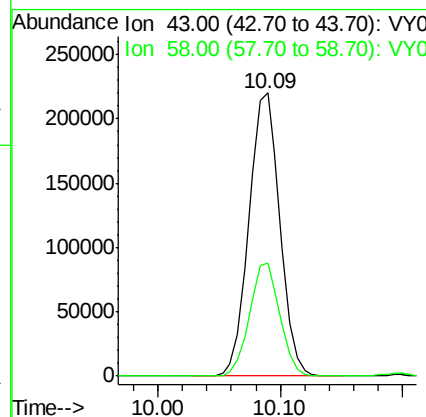
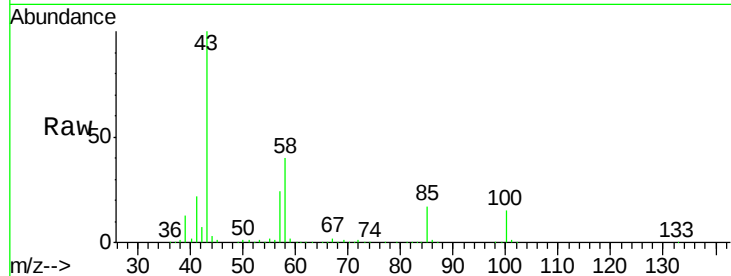
#51
4-Methyl-2-Pentanone
Concen: 203.430 ug/l
RT: 10.09 min Scan# 1370
Delta R.T. 0.01 min
Lab File: VY001359.D
Acq: 23 Jan 2020 17:10

Instrument :
MSVOA_Y
ClientSampled :
EP-12MS

Tot Ion: 43 Resp: 386017
Ion Ratio Lower Upper
43 100
58 39.1 31.5 47.3

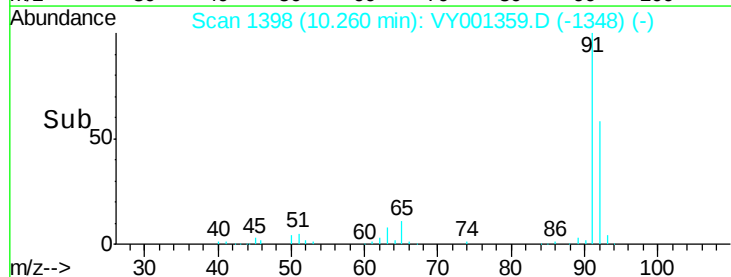
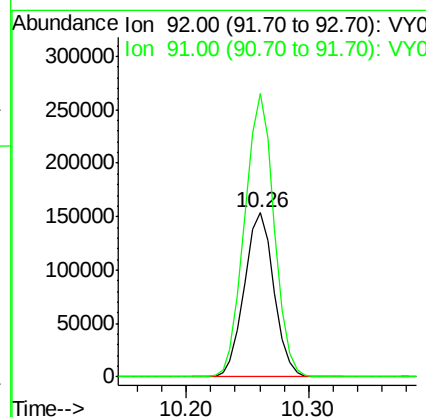
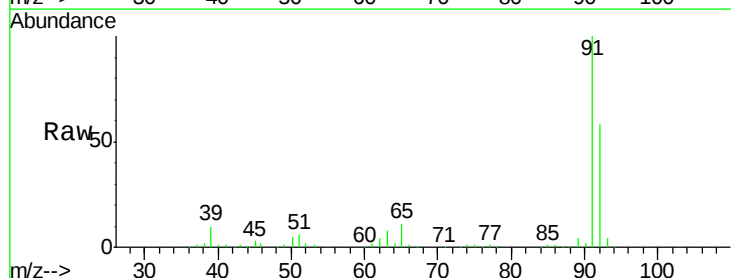
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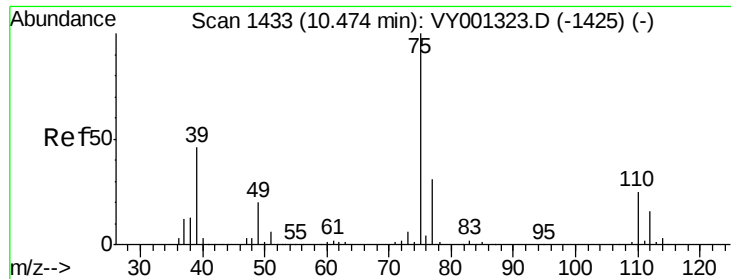
MMDadoda
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#52
Toluene
Concen: 43.654 ug/l
RT: 10.26 min Scan# 1398
Delta R.T. 0.01 min
Lab File: VY001359.D
Acq: 23 Jan 2020 17:10

Tgt Ion: 92 Resp: 257340
Ion Ratio Lower Upper
92 100
91 171.9 136.4 204.6





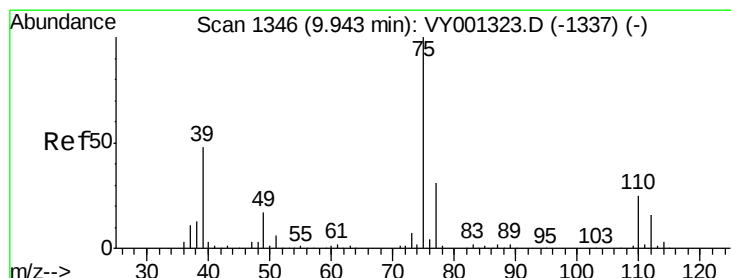
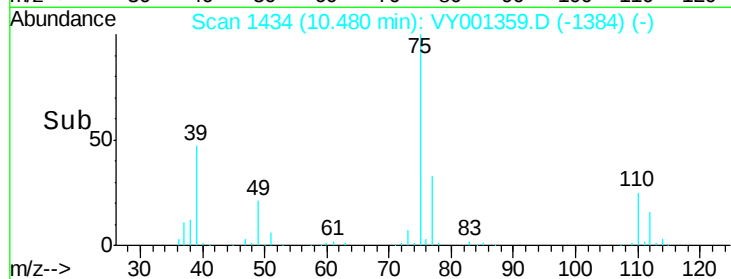
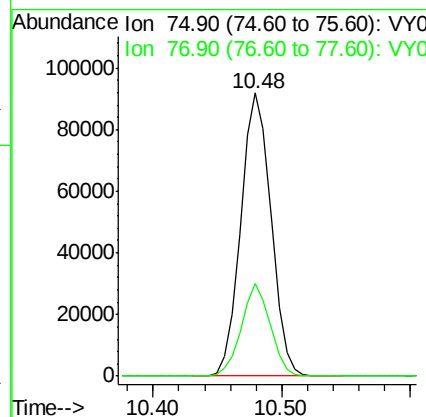
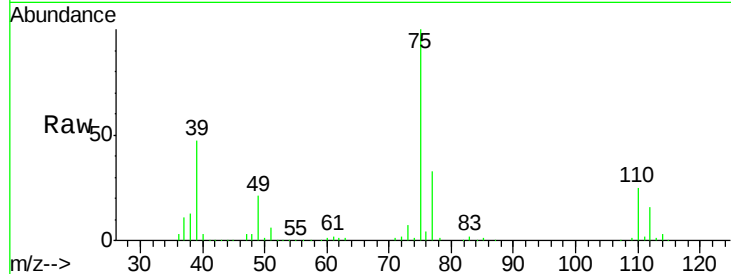
#53
t-1,3-Dichloropropene
Concen: 44.542 ug/l
RT: 10.48 min Scan# 1434
Delta R.T. 0.01 min
Lab File: VY001359.D
Acq: 23 Jan 2020 17:10

Instrument :
MSVOA_Y
ClientSampled :
EP-12MS

Tot Ion: 75 Resp: 148951
Ion Ratio Lower Upper
75 100
77 32.9 25.2 37.8

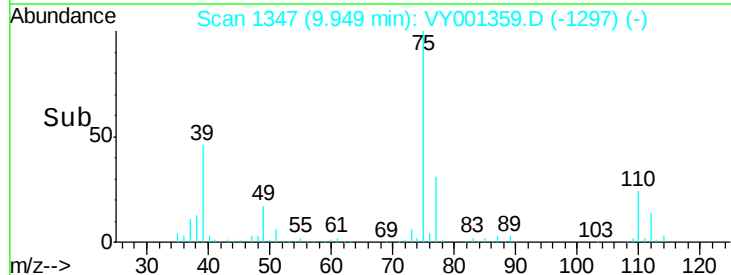
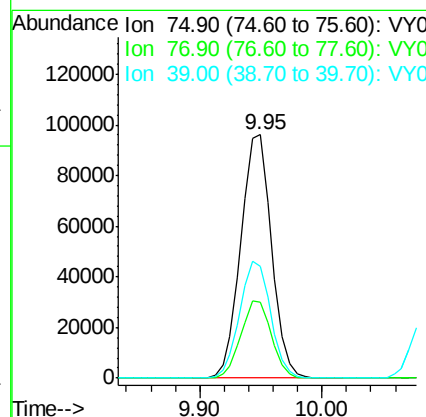
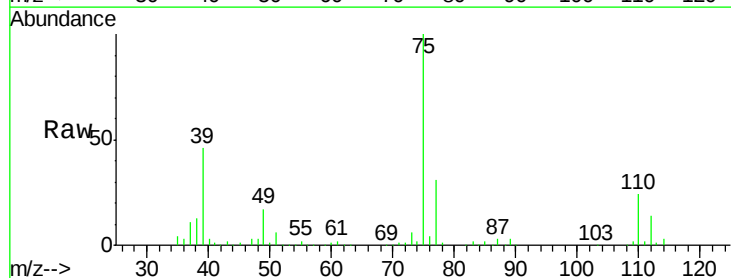
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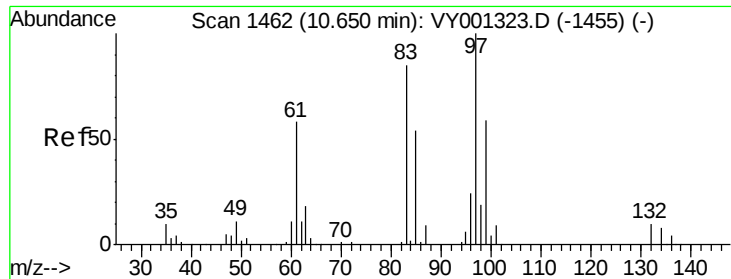
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 43.598 ug/l
RT: 9.95 min Scan# 1347
Delta R.T. 0.01 min
Lab File: VY001359.D
Acq: 23 Jan 2020 17:10

Tgt Ion: 75 Resp: 167343
Ion Ratio Lower Upper
75 100
77 31.4 25.0 37.6
39 45.9 38.2 57.4





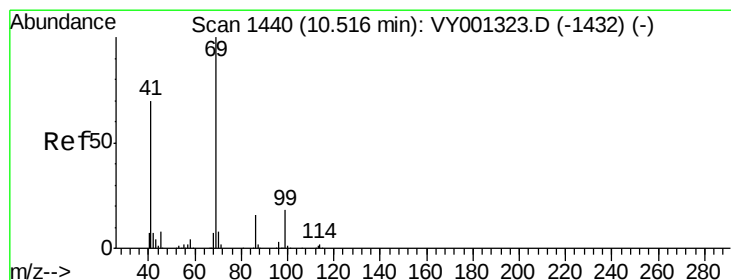
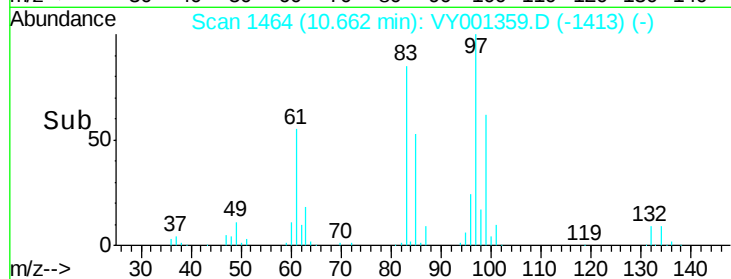
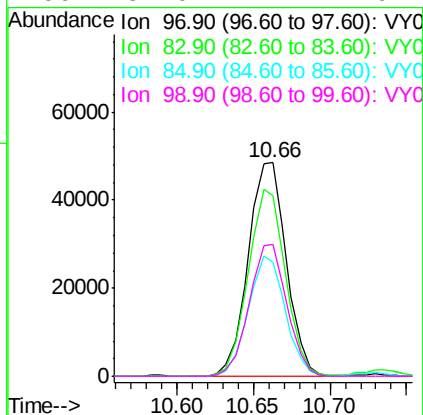
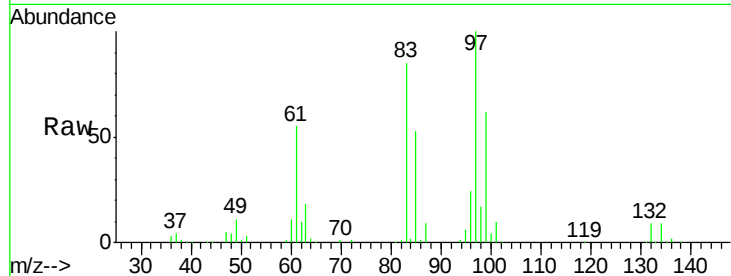
#55
 1,1,2-Trichloroethane
 Concen: 45.113 ug/l
 RT: 10.66 min Scan# 1464
 Delta R.T. 0.01 min
 Lab File: VY001359.D
 Acq: 23 Jan 2020 17:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-12MS

Tot Ion:	97	Resp:	84038
Ion	Ratio	Lower	Upper
97	100		
83	84.7	68.0	102.0
85	53.5	43.6	65.4
99	62.0	47.1	70.7

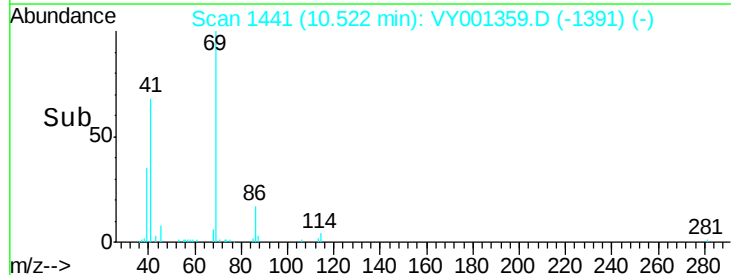
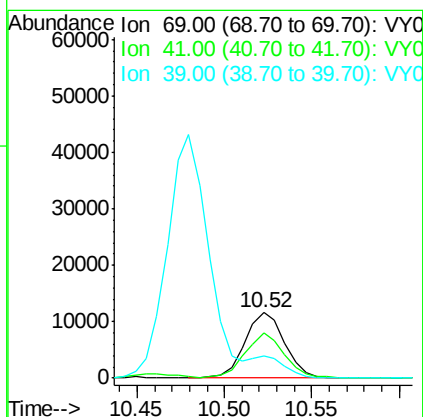
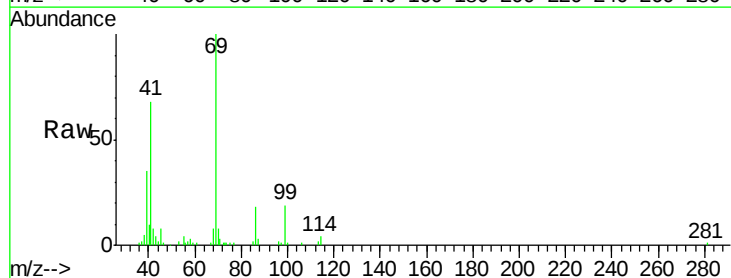
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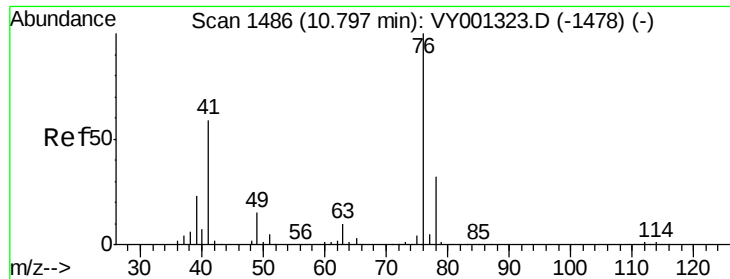
MMDadoda
 1/24/2020 4:03:37 PM



#56
 Ethyl methacrylate
 Concen: 6.495 ug/l
 RT: 10.52 min Scan# 1441
 Delta R.T. 0.01 min
 Lab File: VY001359.D
 Acq: 23 Jan 2020 17:10

Tgt Ion:	69	Resp:	18288
Ion	Ratio	Lower	Upper
69	100		
41	66.4	54.1	81.1
39	0.0	26.8	40.2#





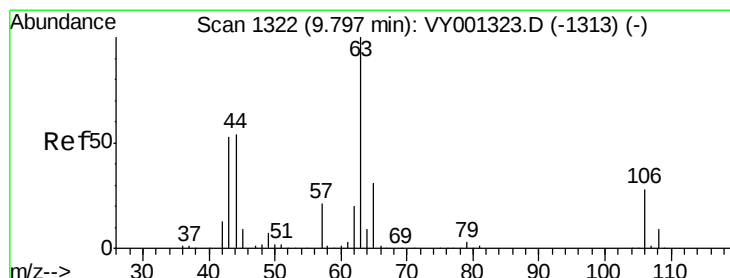
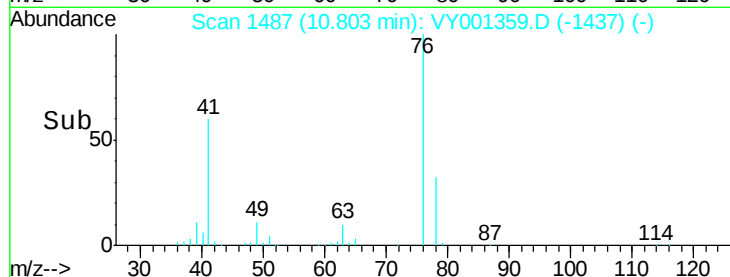
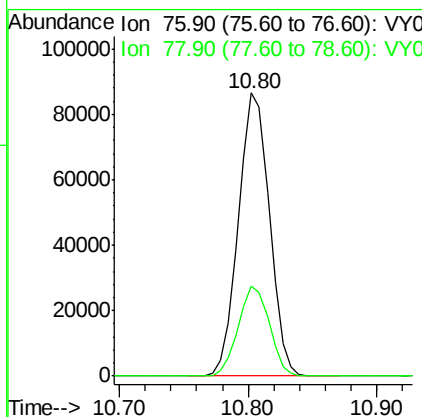
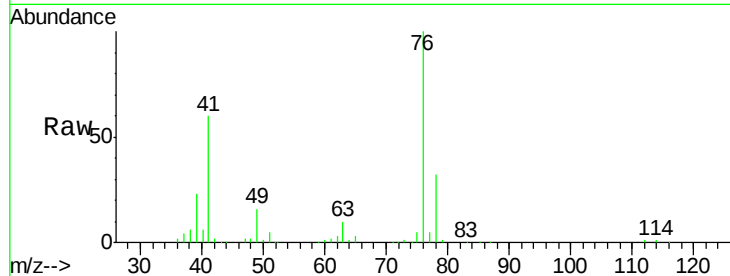
#57
 1,3-Dichloropropane
 Concen: 44.532 ug/l
 RT: 10.80 min Scan# 1487
 Delta R.T. 0.01 min
 Lab File: VY001359.D
 Acq: 23 Jan 2020 17:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-12MS

Tot Ion: 76 Resp: 144507
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.8 38.8

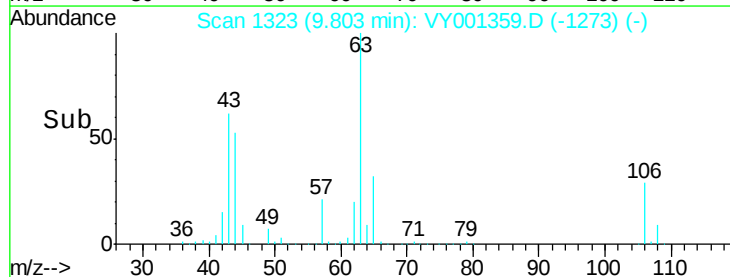
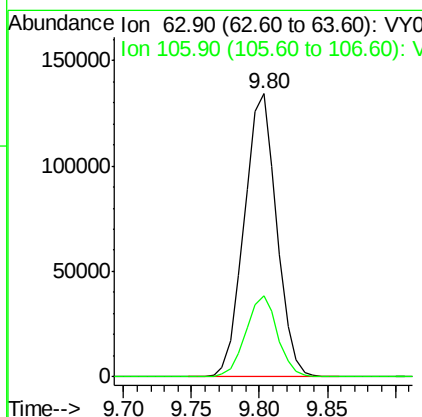
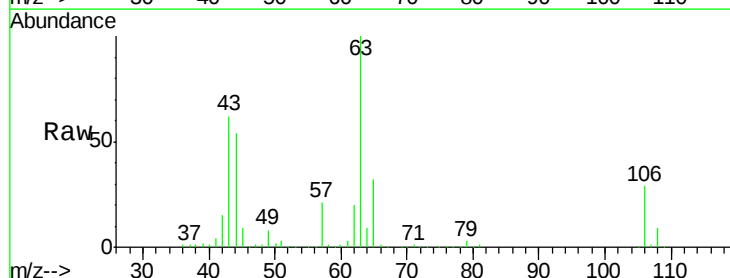
Manual Integrations
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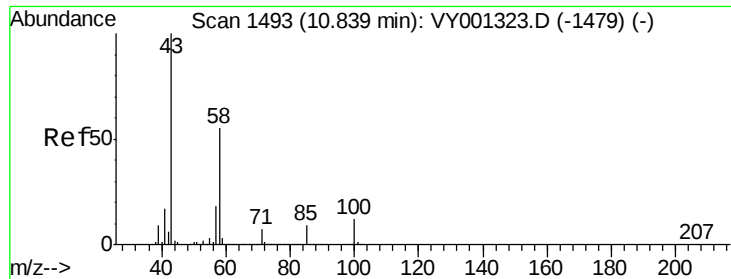
MMDadoda
 1/24/2020 4:03:37 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 230.123 ug/l
 RT: 9.80 min Scan# 1323
 Delta R.T. 0.01 min
 Lab File: VY001359.D
 Acq: 23 Jan 2020 17:10

Tgt Ion: 63 Resp: 224200
 Ion Ratio Lower Upper
 63 100
 106 28.3 22.5 33.7





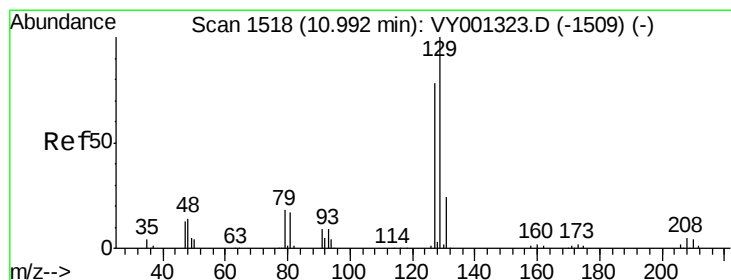
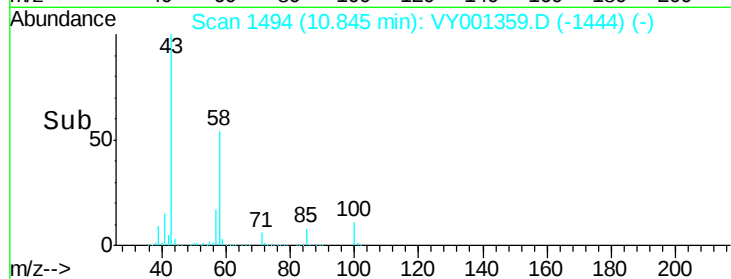
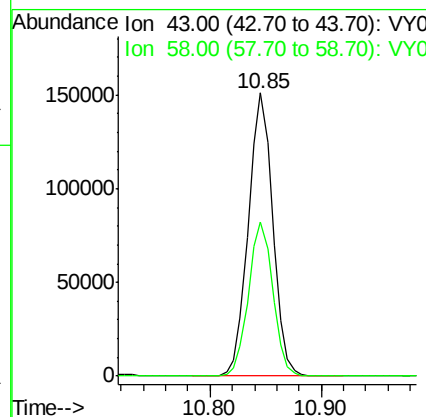
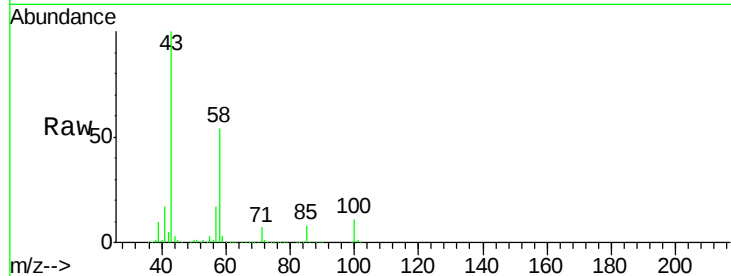
#59
2-Hexanone
Concen: 174.252 ug/l
RT: 10.85 min Scan# 1494
Delta R.T. 0.01 min
Lab File: VY001359.D
Acq: 23 Jan 2020 17:10

Instrument :
MSVOA_Y
ClientSampleId :
EP-12MS

Tot Ion	43	Resp	230190
Ion Ratio	100	Lower	Upper
43	100		
58	54.6	27.6	82.8

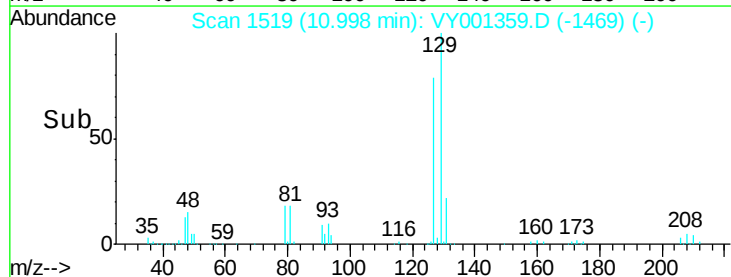
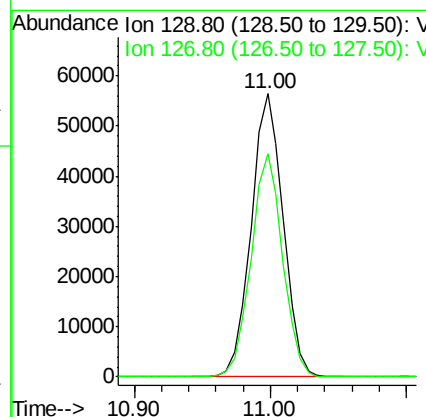
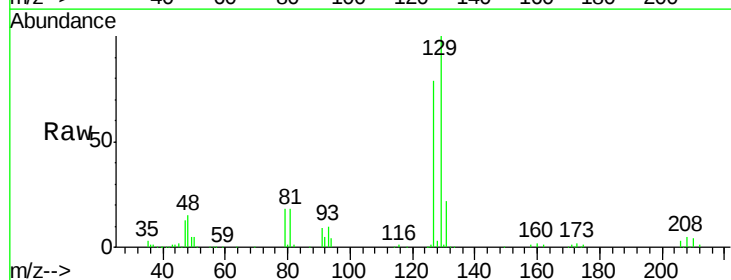
Manual Integrations
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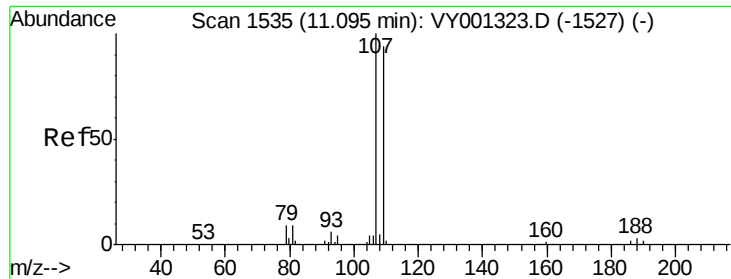
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1/24/2020 4:03:37 PM



#60
Dibromochloromethane
Concen: 44.609 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. 0.01 min
Lab File: VY001359.D
Acq: 23 Jan 2020 17:10

Tgt Ion	129	Resp	92941
Ion Ratio	100	Lower	Upper
129	100		
127	77.5	38.8	116.4





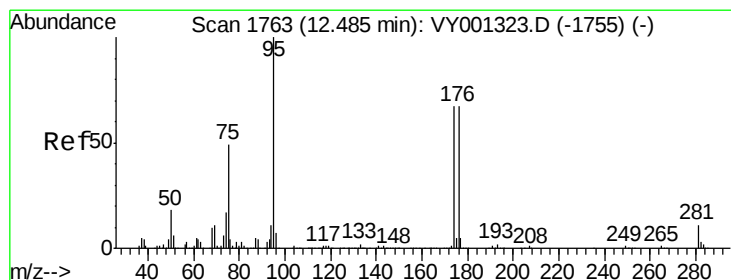
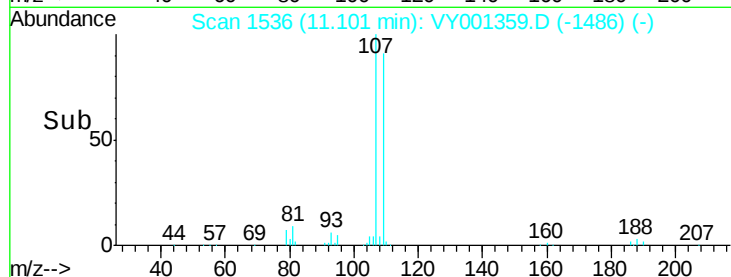
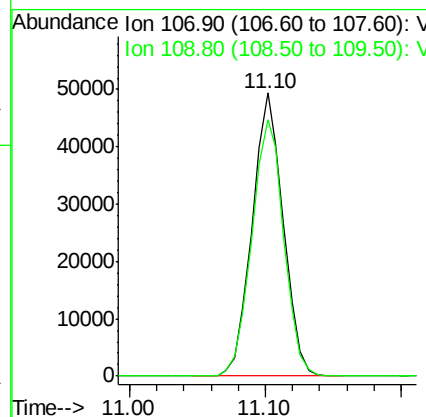
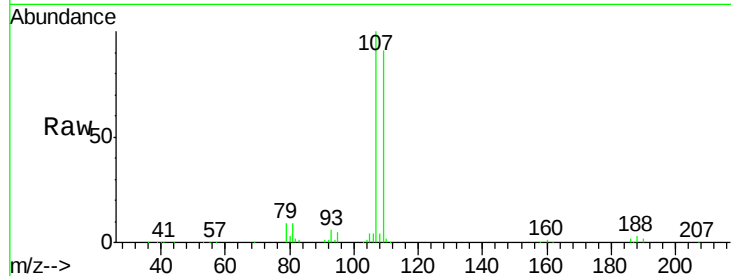
#61
 1,2-Dibromoethane
 Concen: 44.866 ug/l
 RT: 11.10 min Scan# 1536
 Delta R.T. 0.01 min
 Lab File: VY001359.D
 Acq: 23 Jan 2020 17:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-12MS

Tot Ion: 107 Resp: 79009
 Ion Ratio Lower Upper
 107 100
 109 93.1 75.0 112.6

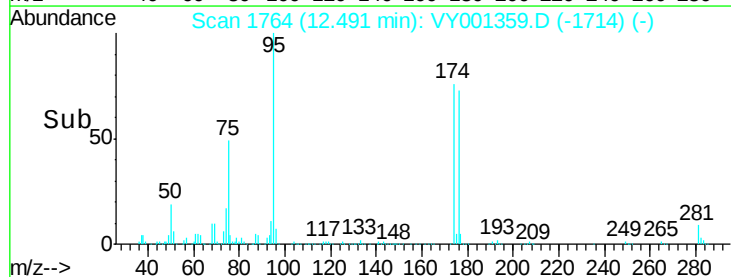
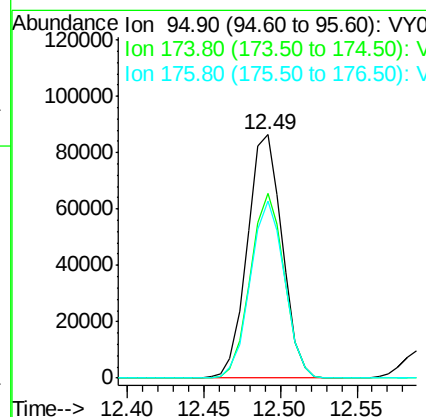
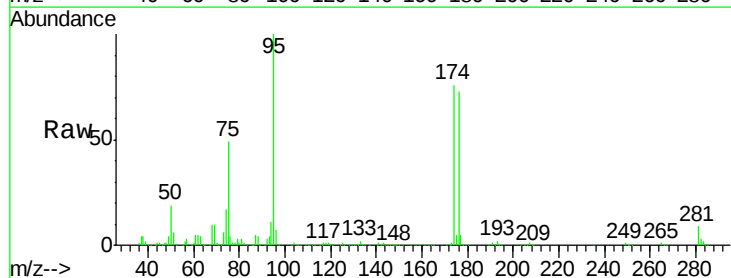
Manual Integrations
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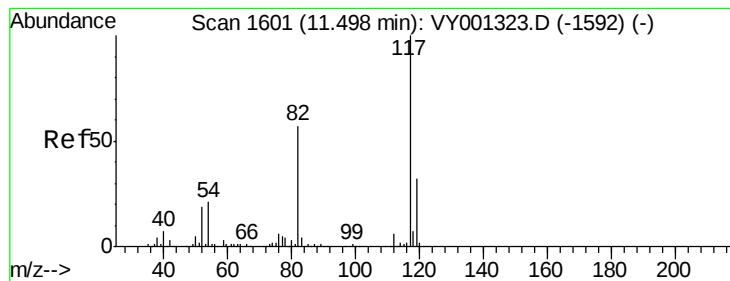
MMDadoda
 1/24/2020 4:03:37 PM



#62
 4-Bromofluorobenzene
 Concen: 45.814 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.01 min
 Lab File: VY001359.D
 Acq: 23 Jan 2020 17:10

Tgt Ion: 95 Resp: 136577
 Ion Ratio Lower Upper
 95 100
 174 74.1 0.0 142.0
 176 71.5 0.0 138.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.50 min Scan# 1602

Delta R.T. 0.01 min

Lab File: VY001359.D

Acq: 23 Jan 2020 17:10

Instrument :

MSVOA_Y

ClientSampleId :

EP-12MS

Tot Ion:117 Resp: 282618

Ion Ratio Lower Upper

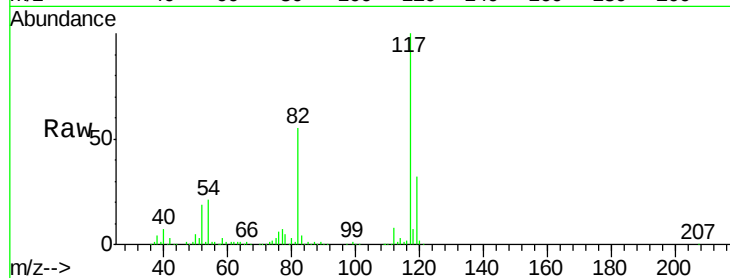
117 100

82 54.8 45.5 68.3

119 32.4 25.8 38.6

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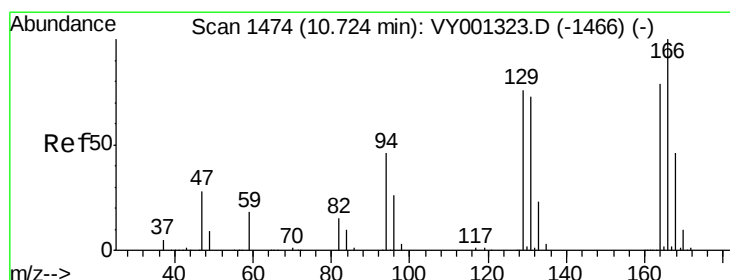
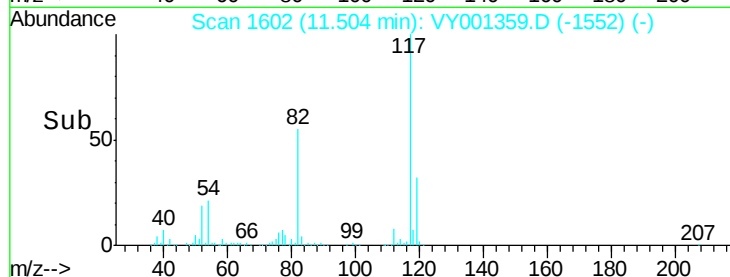
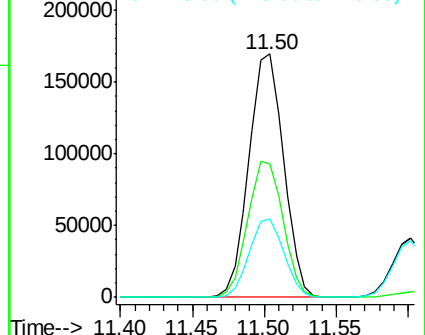
MMDadoda
1/24/2020 4:03:37 PM



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VY0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 45.490 ug/l

RT: 10.73 min Scan# 1475

Delta R.T. 0.01 min

Lab File: VY001359.D

Acq: 23 Jan 2020 17:10

Tgt Ion:164 Resp: 82121

Ion Ratio Lower Upper

164 100

166 124.5 101.8 152.8

129 95.7 77.1 115.7

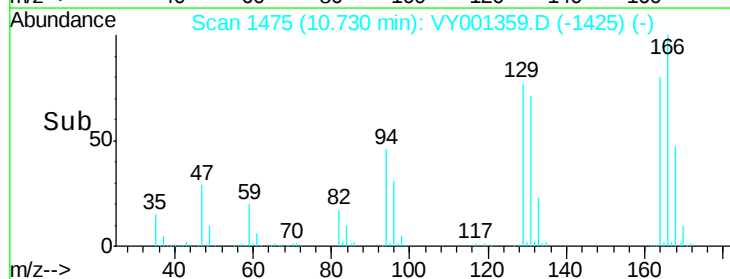
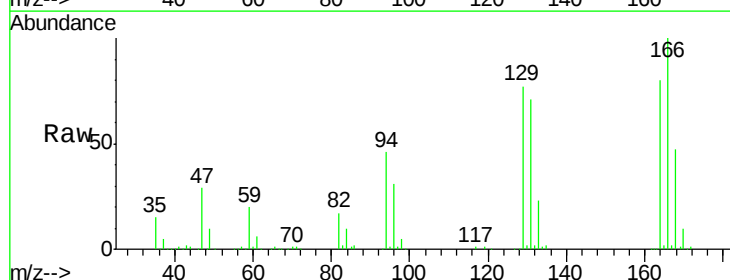
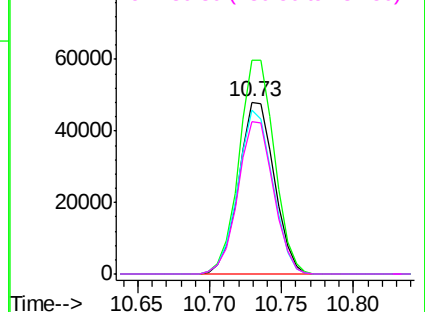
131 88.5 74.2 111.2

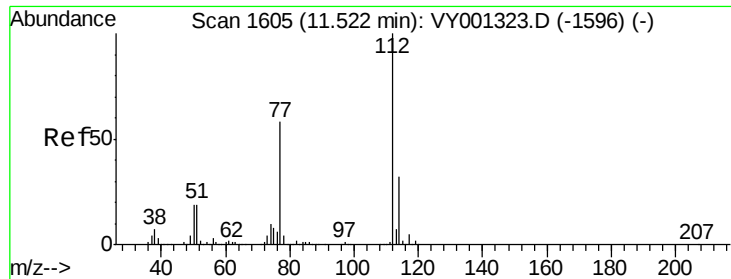
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





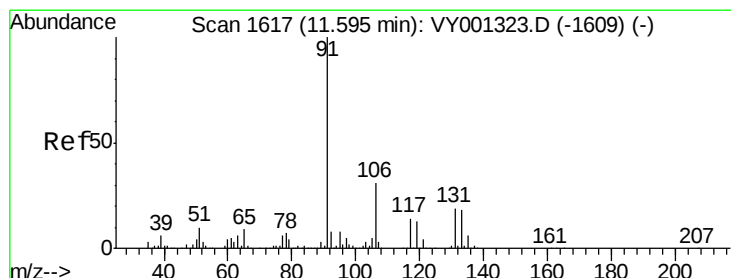
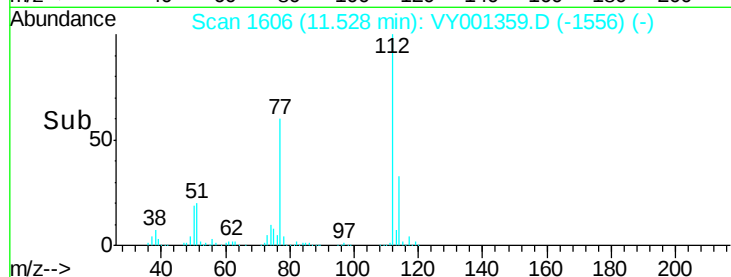
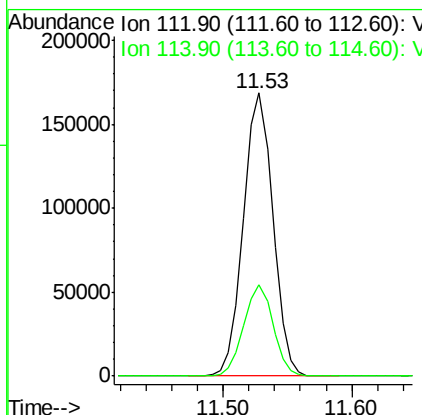
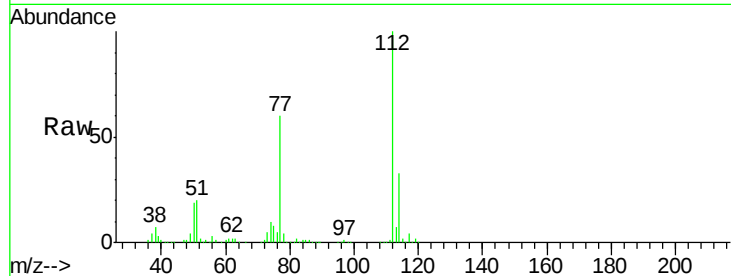
#65
Chlorobenzene
Concen: 44.813 ug/l
RT: 11.53 min Scan# 1606
Delta R.T. 0.01 min
Lab File: VY001359.D
Acq: 23 Jan 2020 17:10

Instrument :
MSVOA_Y
ClientSampleId :
EP-12MS

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.5	25.8	38.6

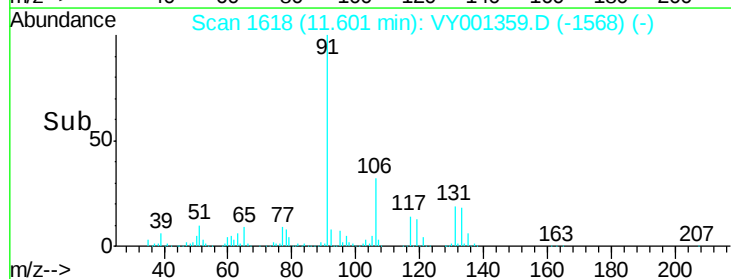
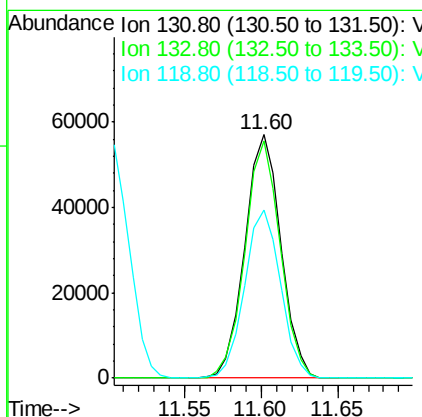
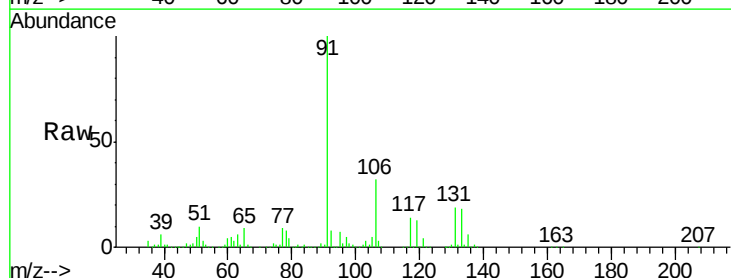
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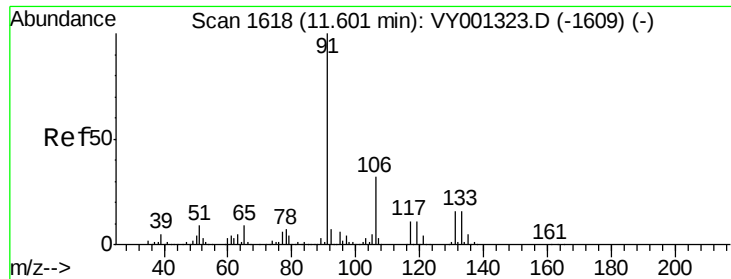
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#66
1,1,1,2-Tetrachloroethane
Concen: 46.005 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.01 min
Lab File: VY001359.D
Acq: 23 Jan 2020 17:10

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.3	47.1	141.3
119	68.7	34.1	102.2





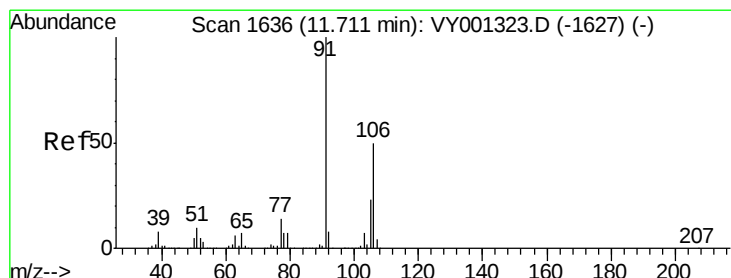
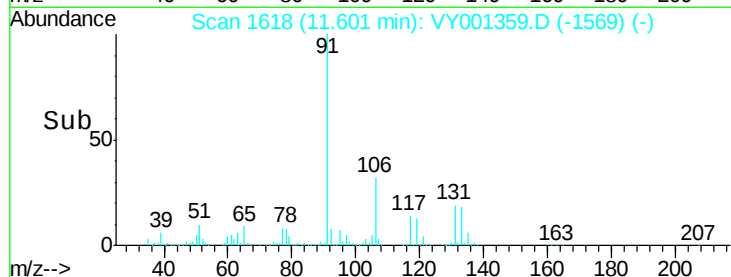
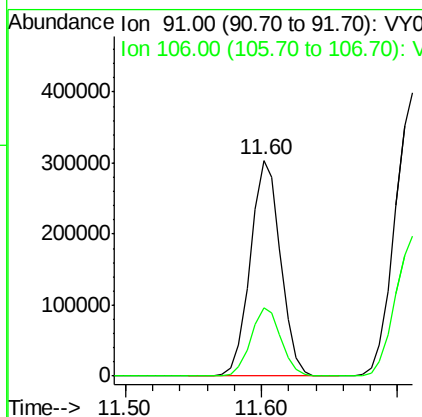
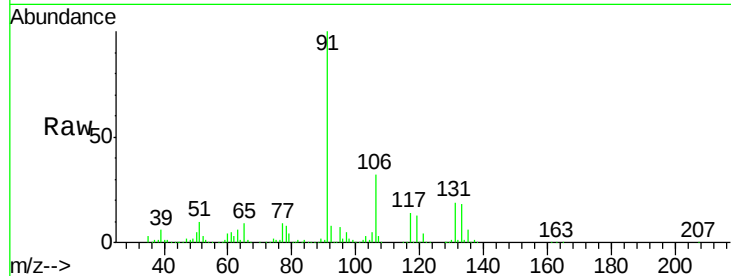
#67
Ethyl Benzene
Concen: 43.070 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VY001359.D
Acq: 23 Jan 2020 17:10

Instrument :
MSVOA_Y
ClientSampleId :
EP-12MS

Tot Ion: 91 Resp: 472839
Ion Ratio Lower Upper
91 100
106 31.6 25.4 38.0

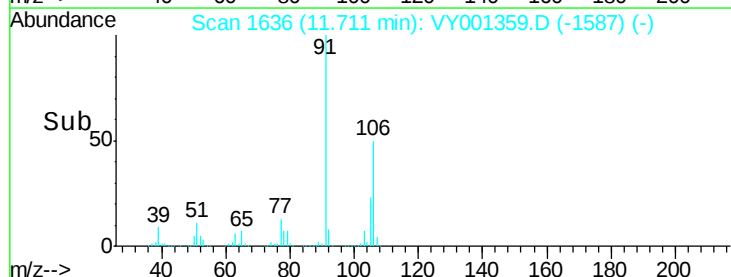
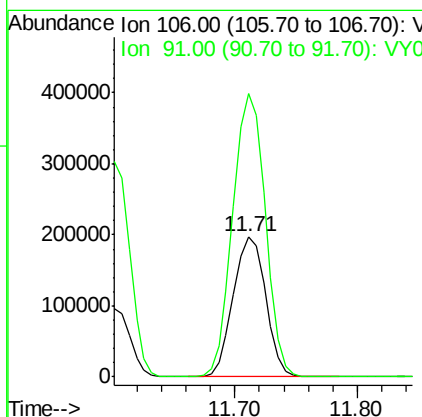
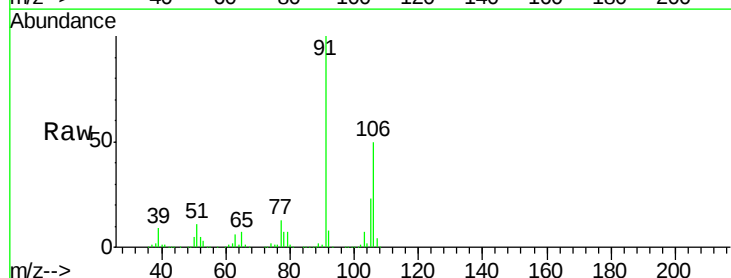
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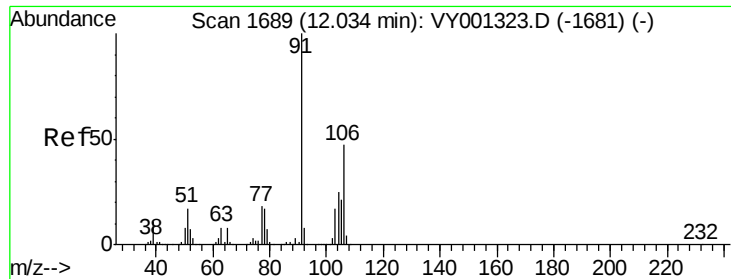
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#68
m/p-Xylenes
Concen: 88.741 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VY001359.D
Acq: 23 Jan 2020 17:10

Tgt Ion: 106 Resp: 363867
Ion Ratio Lower Upper
106 100
91 202.1 162.8 244.2





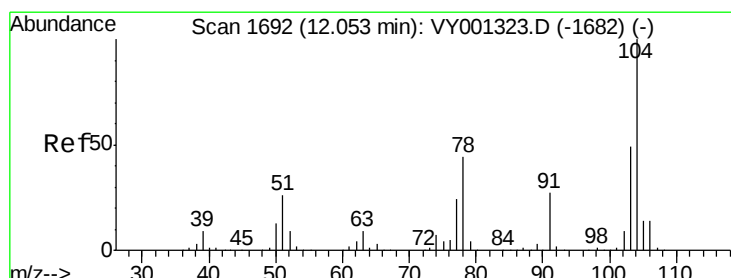
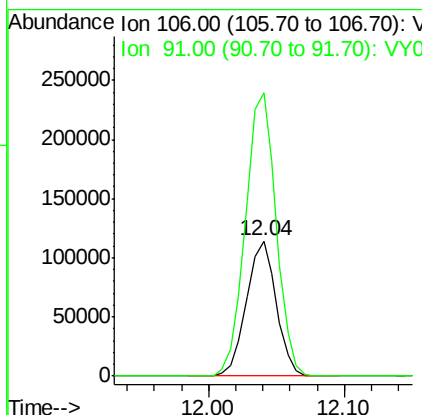
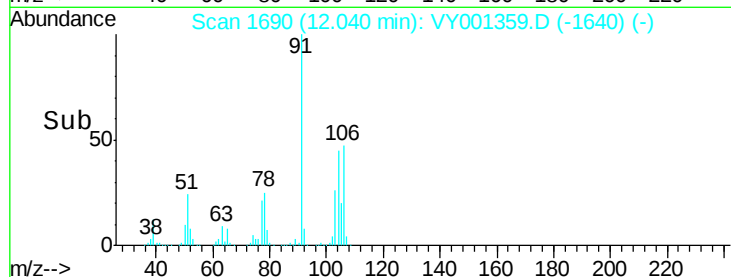
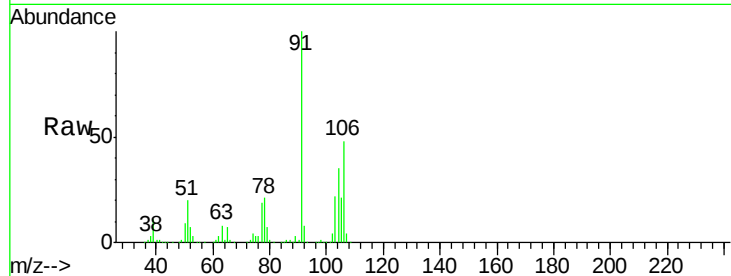
#69
o-Xylene
Concen: 44.635 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VY001359.D
Acq: 23 Jan 2020 17:10

Instrument :
MSVOA_Y
ClientSampleId :
EP-12MS

Tot Ion:106 Resp: 176064
Ion Ratio Lower Upper
106 100
91 214.9 106.3 319.0

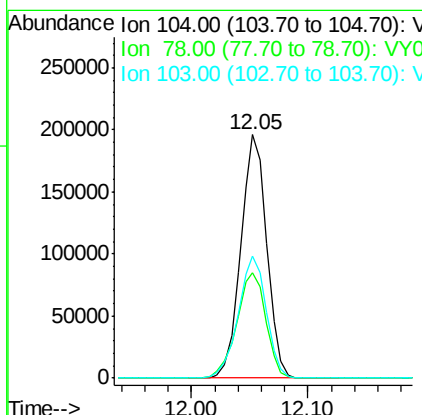
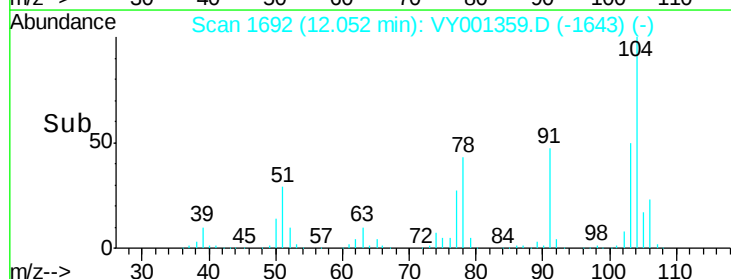
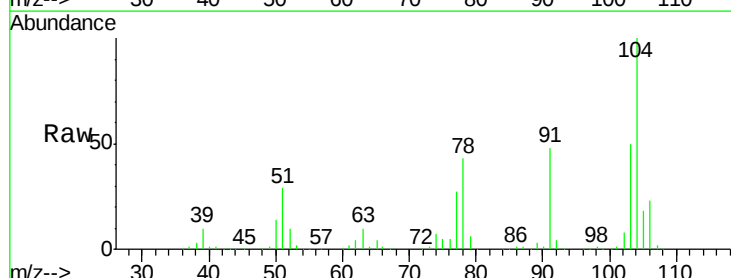
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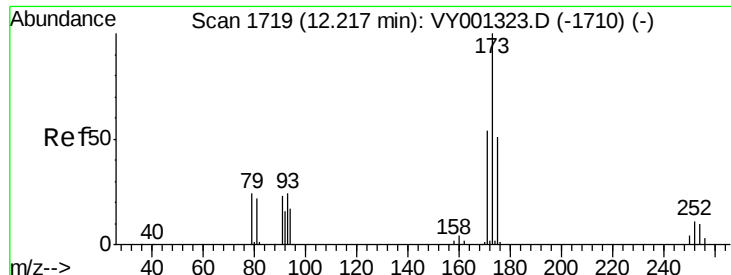
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#70
Styrene
Concen: 43.933 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VY001359.D
Acq: 23 Jan 2020 17:10

Tgt Ion:104 Resp: 304048
Ion Ratio Lower Upper
104 100
78 48.7 39.8 59.8
103 54.1 43.2 64.8





#71

Bromoform

Concen: 44.765 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. -0.00 min

Lab File: VY001359.D

Acq: 23 Jan 2020 17:10

Instrument :

MSVOA_Y

ClientSampleId :

EP-12MS

Tot Ion:173 Resp: 54325

Ion Ratio Lower Upper

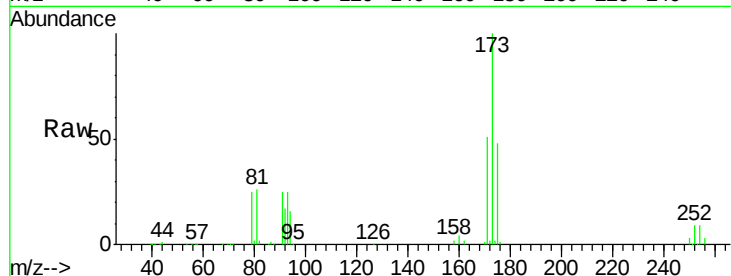
173 100

175 48.8 24.3 72.9

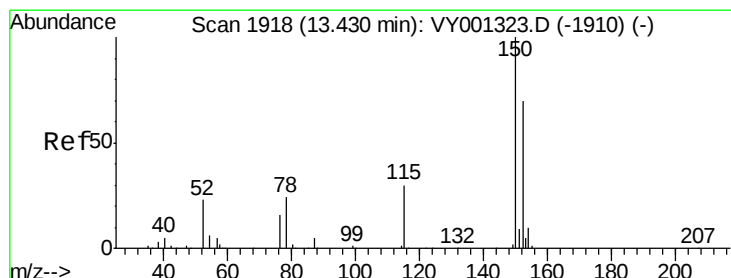
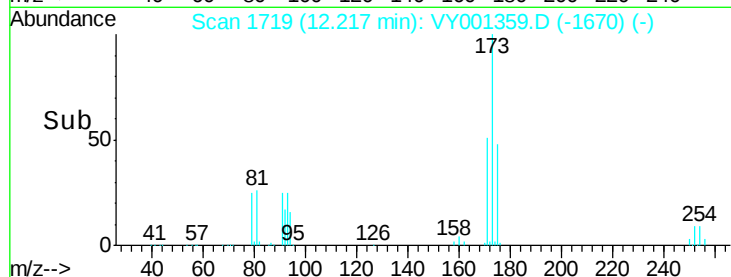
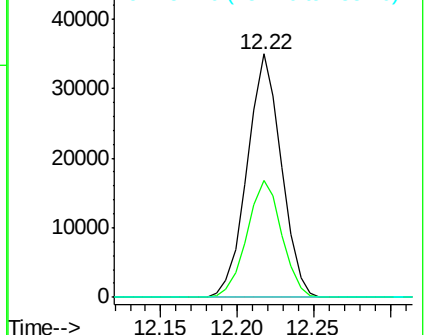
254 0.0 0.0 0.0#

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.01 min

Lab File: VY001359.D

Acq: 23 Jan 2020 17:10

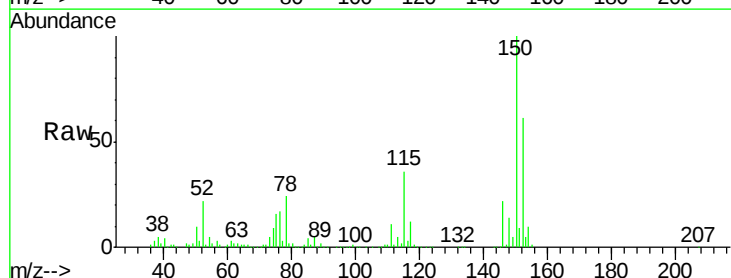
Tgt Ion:152 Resp: 126810

Ion Ratio Lower Upper

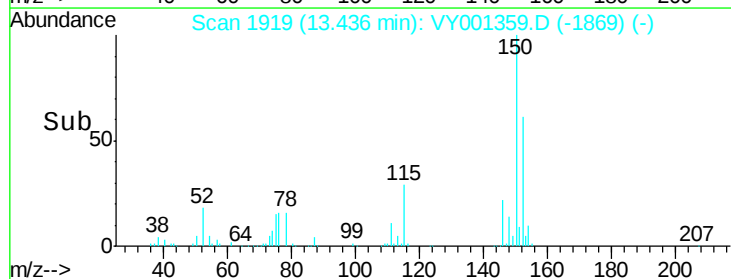
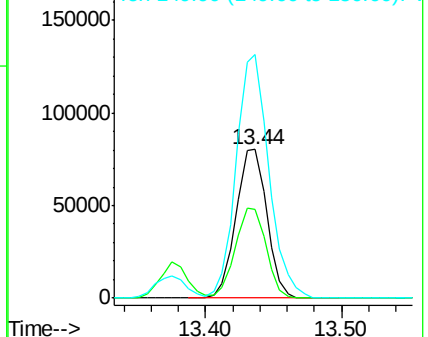
152 100

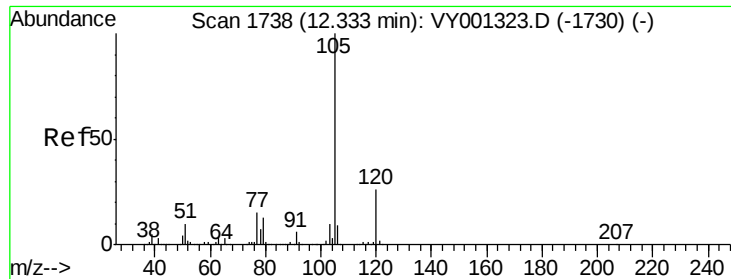
115 60.4 30.9 92.8

150 173.6 0.0 349.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 44.014 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. 0.01 min

Lab File: VY001359.D

Acq: 23 Jan 2020 17:10

Instrument :

MSVOA_Y

ClientSampleId :

EP-12MS

Tot Ion:105 Resp: 440423

Ion Ratio Lower Upper

105 100

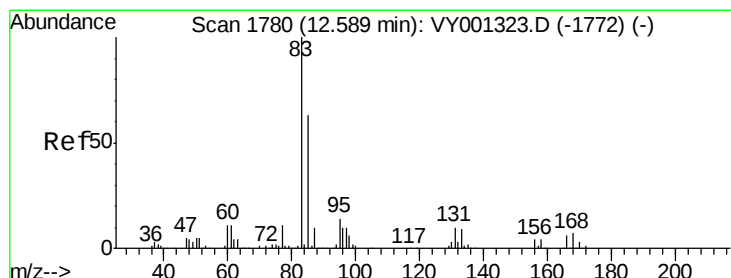
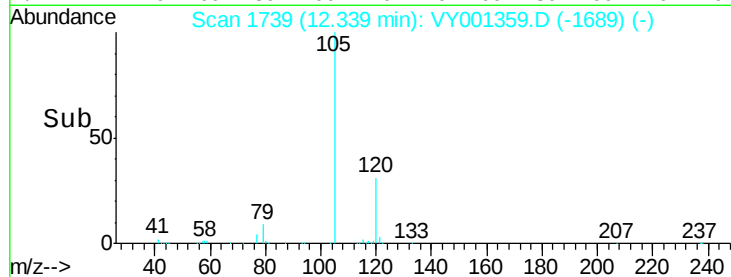
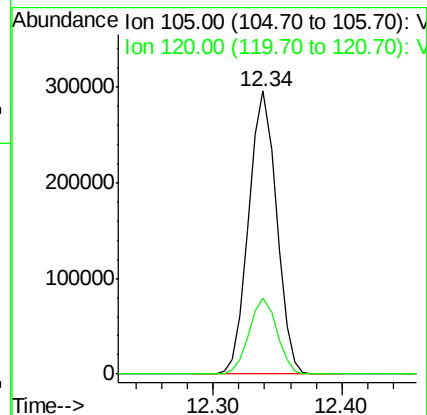
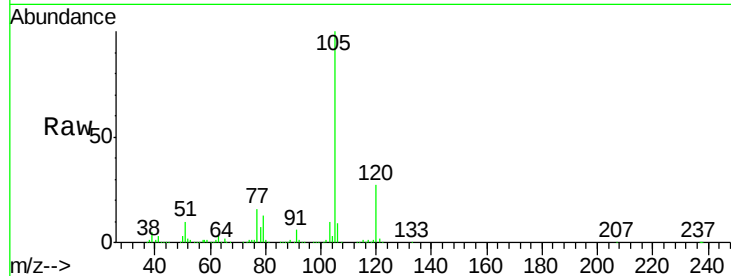
120 26.9 13.5 40.4

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#75

1,1,2,2-Tetrachloroethane

Concen: 49.185 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. -0.00 min

Lab File: VY001359.D

Acq: 23 Jan 2020 17:10

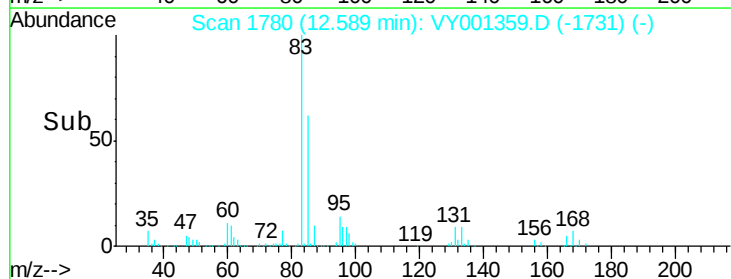
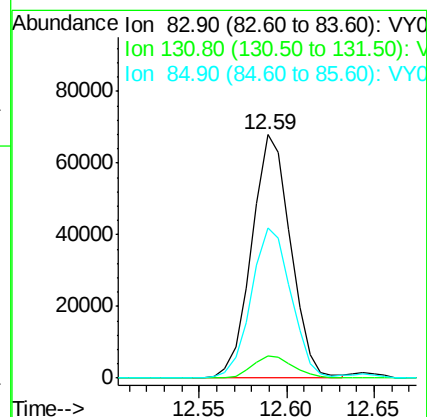
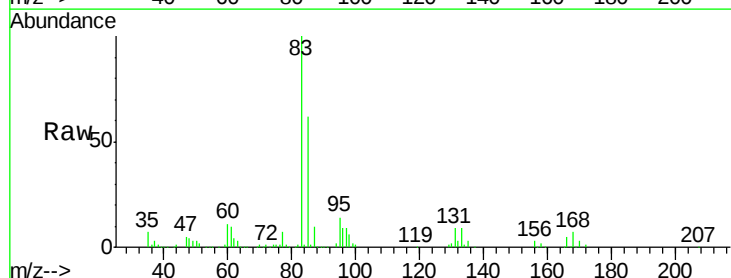
Tgt Ion: 83 Resp: 105403

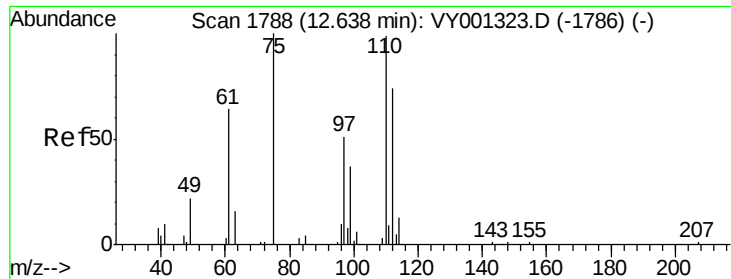
Ion Ratio Lower Upper

83 100

131 9.6 4.9 14.6

85 63.0 31.4 94.3





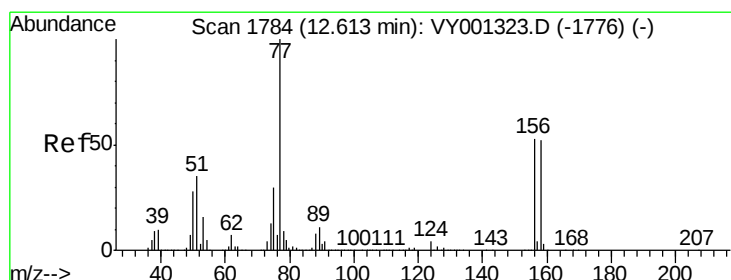
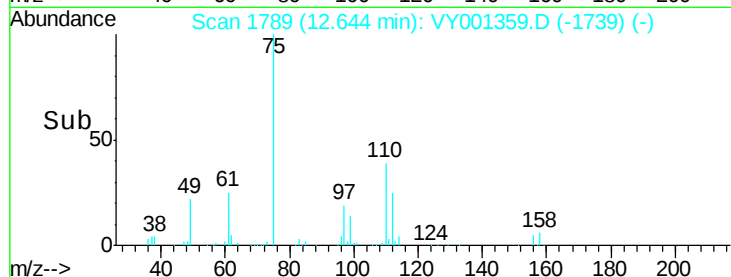
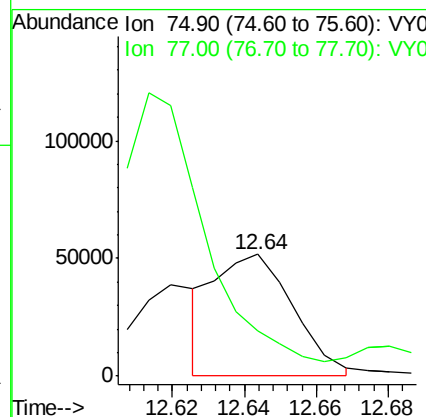
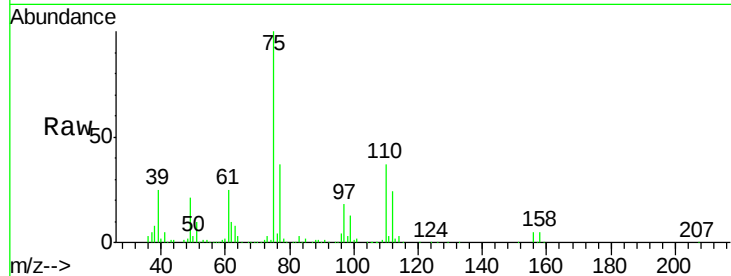
#76
1,2,3-Trichloropropane
Concen: 51.504 ug/l m
RT: 12.64 min Scan# 1789
Delta R.T. 0.01 min
Lab File: VY001359.D
Acq: 23 Jan 2020 17:10

Instrument :
MSVOA_Y
ClientSampleId :
EP-12MS

Tot Ion: 75 Resp: 78701
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

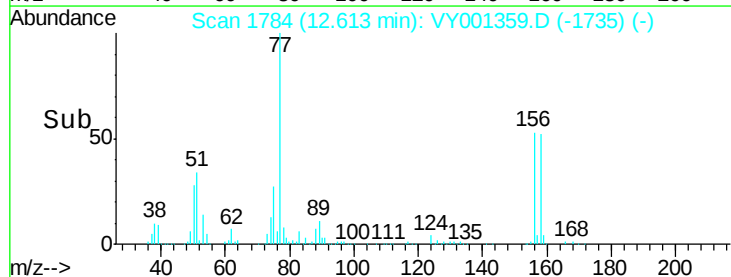
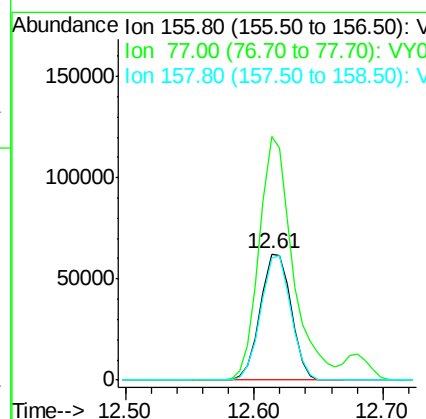
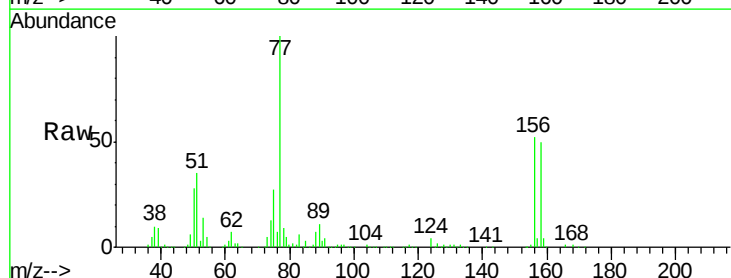
Manual Integrations
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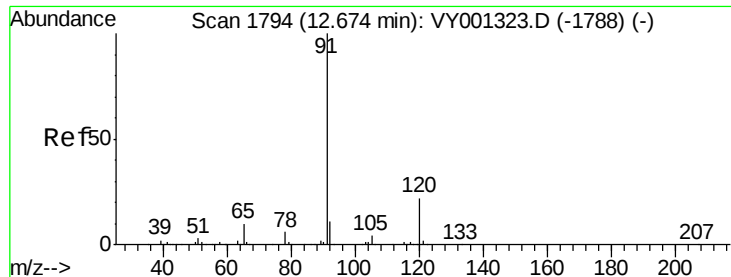
MMDadoda
1/24/2020 4:03:37 PM



#77
Bromobenzene
Concen: 46.327 ug/l
RT: 12.61 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VY001359.D
Acq: 23 Jan 2020 17:10

Tgt Ion: 156 Resp: 102676
Ion Ratio Lower Upper
156 100
77 211.8 104.7 313.9
158 97.1 48.6 145.8





#78

n-propylbenzene

Concen: 42.192 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. 0.01 min

Lab File: VY001359.D

Acq: 23 Jan 2020 17:10

Instrument :

MSVOA_Y

ClientSampleId :

EP-12MS

Tot Ion: 91 Resp: 508169

Ion Ratio Lower Upper

91 100

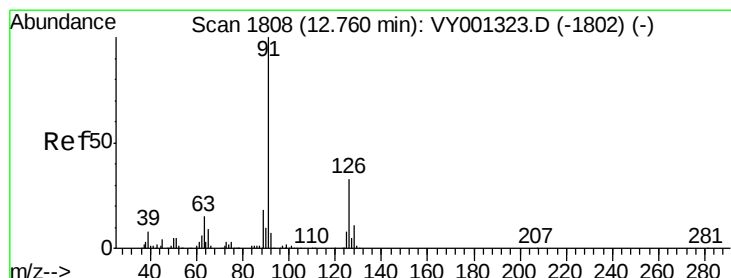
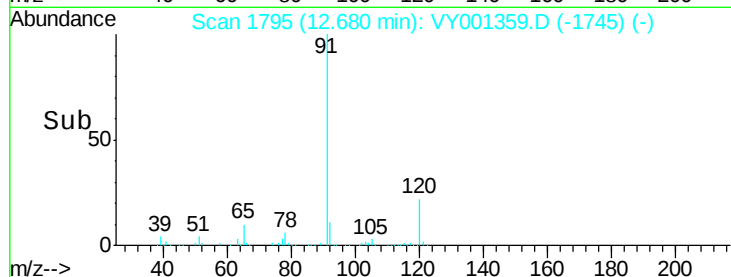
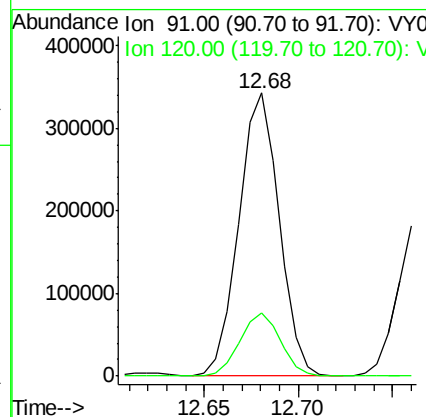
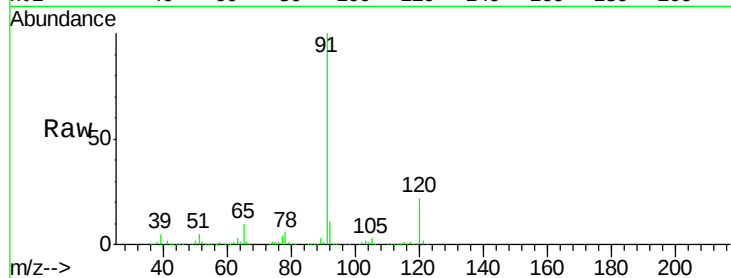
120 22.5 11.3 33.8

Manual Integrations

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#79

2-Chlorotoluene

Concen: 45.542 ug/l

RT: 12.77 min Scan# 1809

Delta R.T. 0.01 min

Lab File: VY001359.D

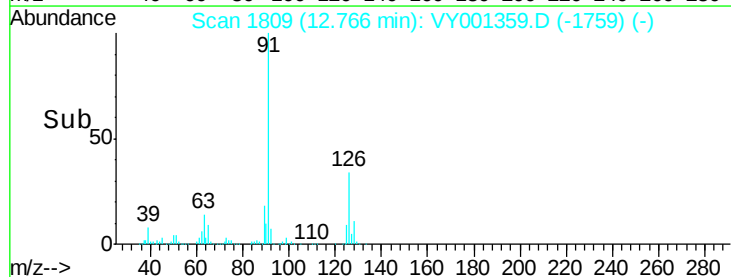
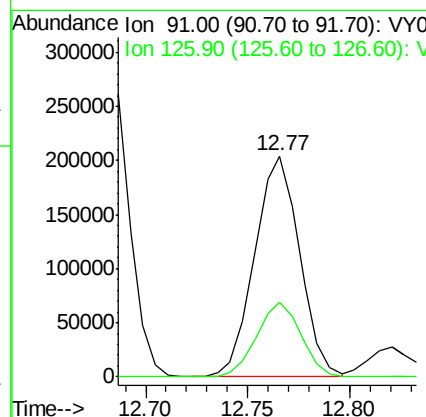
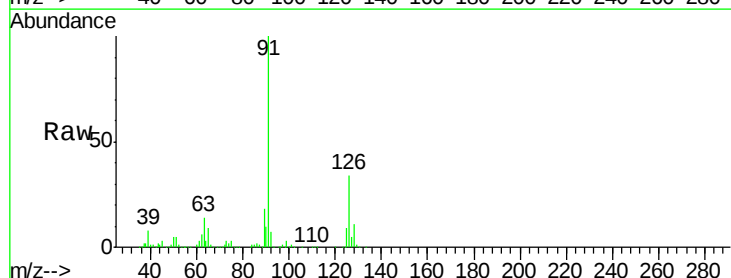
Acq: 23 Jan 2020 17:10

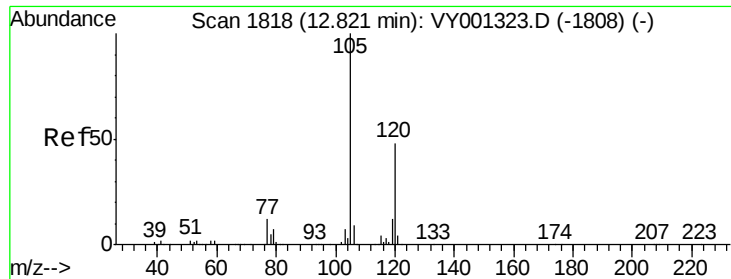
Tgt Ion: 91 Resp: 313356

Ion Ratio Lower Upper

91 100

126 33.5 16.6 49.7





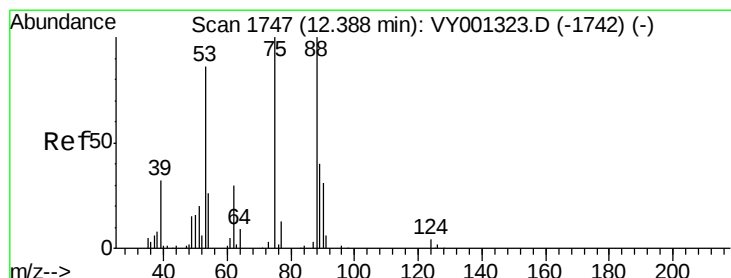
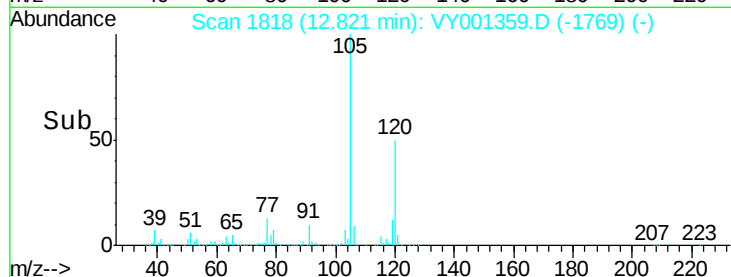
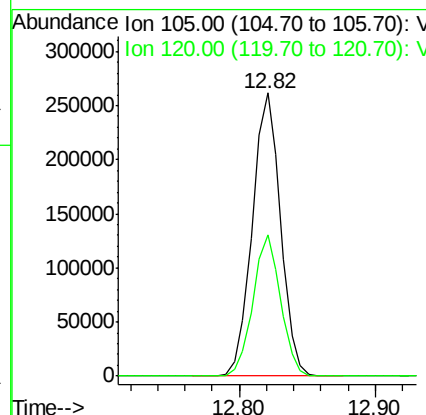
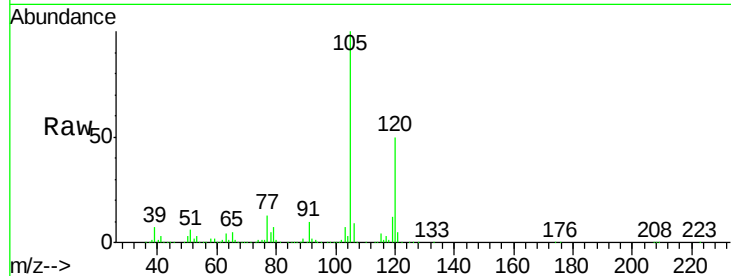
#80
 1,3,5-Trimethylbenzene
 Concen: 45.548 ug/l
 RT: 12.82 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: VY001359.D
 Acq: 23 Jan 2020 17:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-12MS

Tot Ion	Ratio	Lower	Upper
105	100		
120	49.0	24.3	72.9

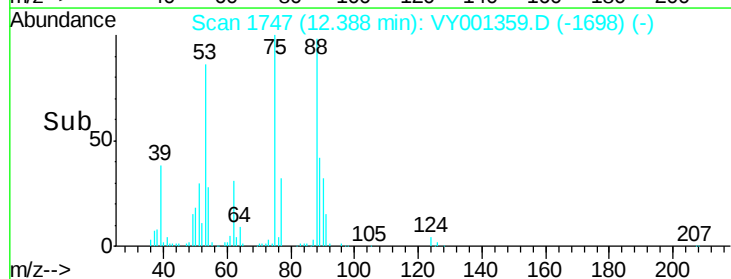
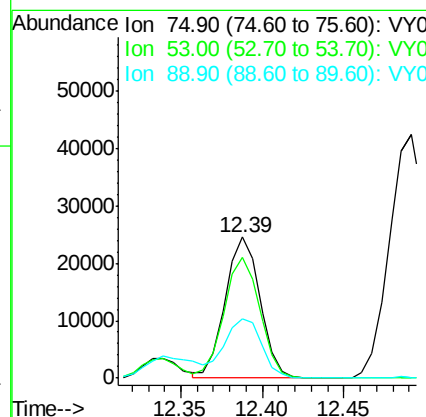
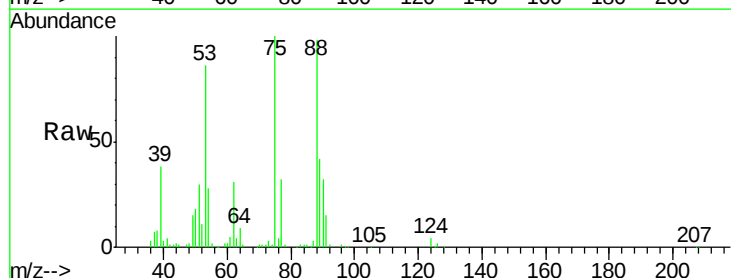
Manual Integrations
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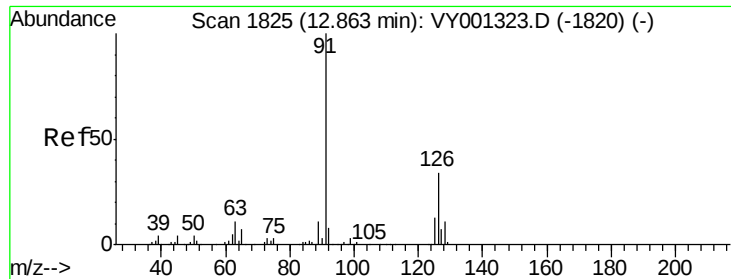
MMDadoda
 1/24/2020 4:03:37 PM



#81
 trans-1,4-Dichloro-2-butene
 Concen: 45.701 ug/l
 RT: 12.39 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VY001359.D
 Acq: 23 Jan 2020 17:10

Tgt Ion	Ratio	Lower	Upper
75	100		
53	87.1	69.9	104.9
89	44.9	36.6	54.8





#82

4-Chlorotoluene

Concen: 45.146 ug/l

RT: 12.86 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VY001359.D

Acq: 23 Jan 2020 17:10

Instrument :

MSVOA_Y

ClientSampleId :

EP-12MS

Tot Ion: 91 Resp: 331807

Ion Ratio Lower Upper

91 100

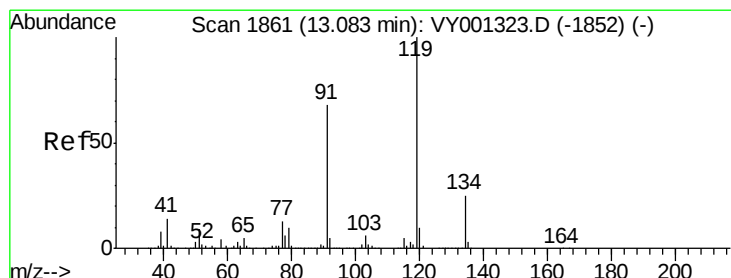
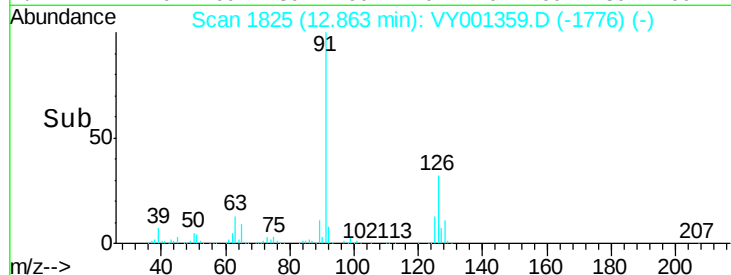
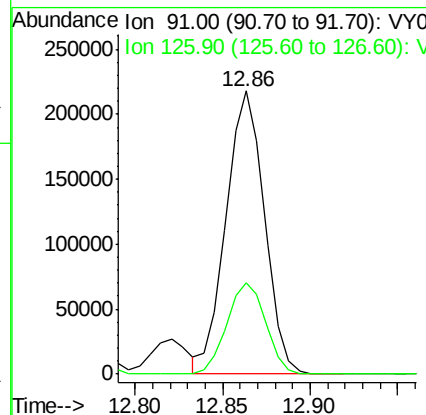
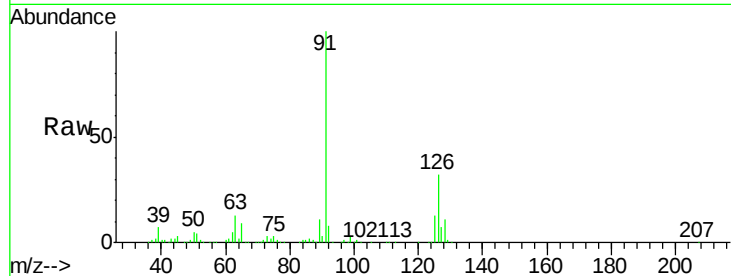
126 32.6 16.4 49.4

Manual Integrations

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#83

tert-Butylbenzene

Concen: 45.712 ug/l

RT: 13.08 min Scan# 1861

Delta R.T. -0.00 min

Lab File: VY001359.D

Acq: 23 Jan 2020 17:10

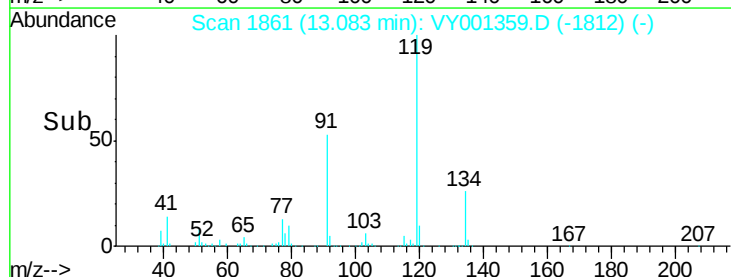
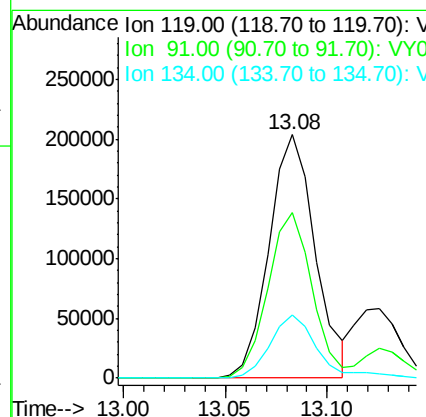
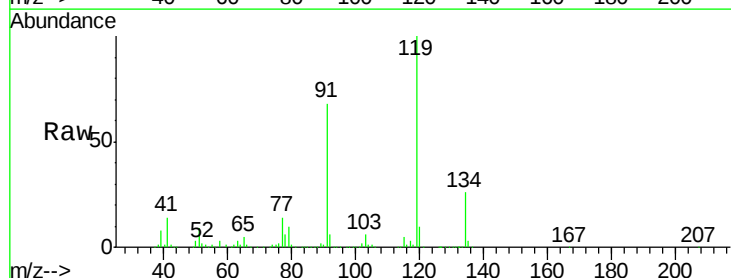
Tgt Ion: 119 Resp: 321842

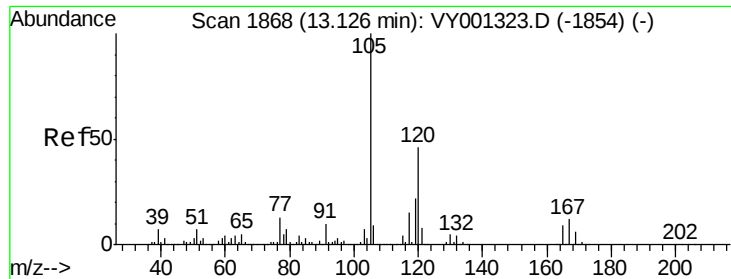
Ion Ratio Lower Upper

119 100

91 65.1 33.0 99.0

134 26.7 13.3 39.9





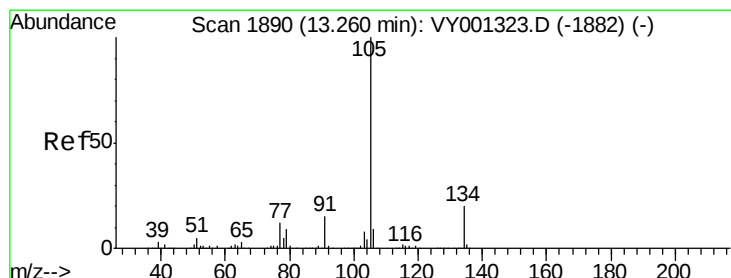
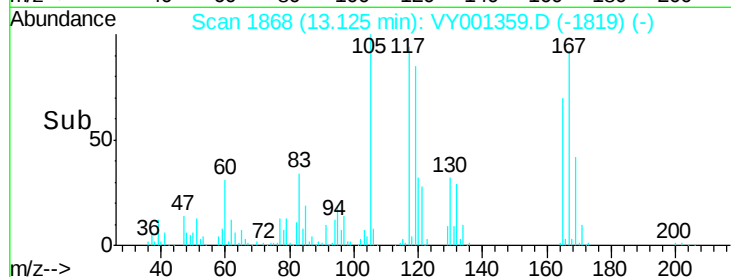
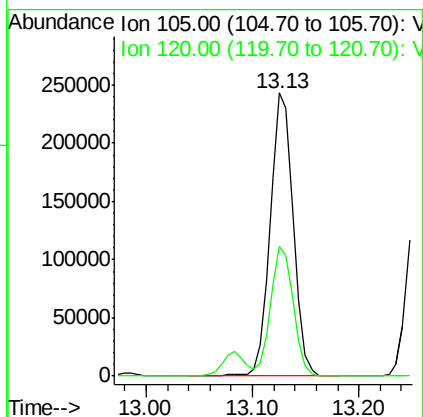
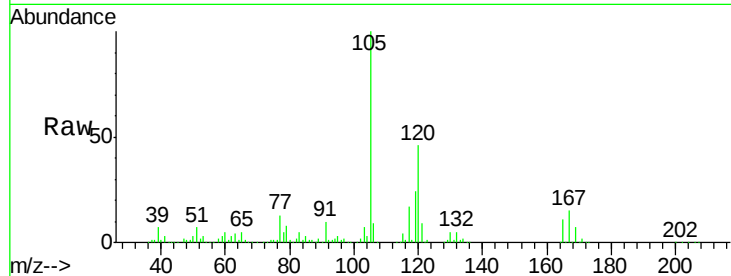
#84
1,2,4-Trimethylbenzene
Concen: 43.760 ug/l
RT: 13.13 min Scan# 1868
Delta R.T. -0.00 min
Lab File: VY001359.D
Acq: 23 Jan 2020 17:10

Instrument :
MSVOA_Y
ClientSampled :
EP-12MS

Tot Ion	Ratio	Lower	Upper
105	100		
120	45.2	22.4	67.3

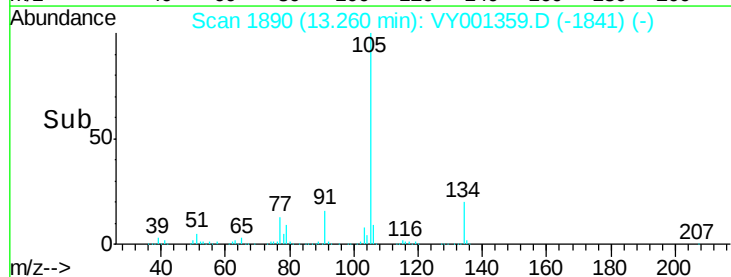
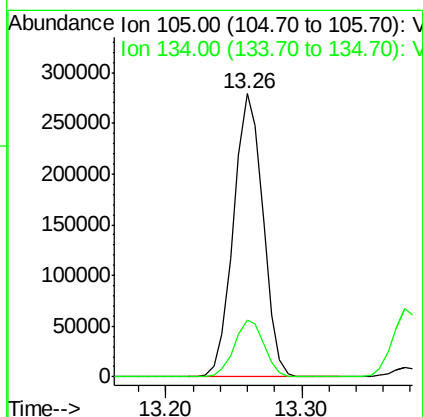
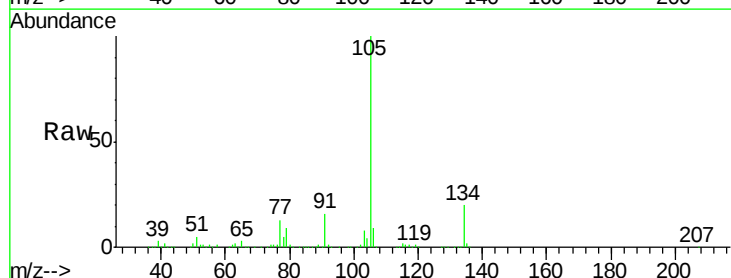
Manual Integrations
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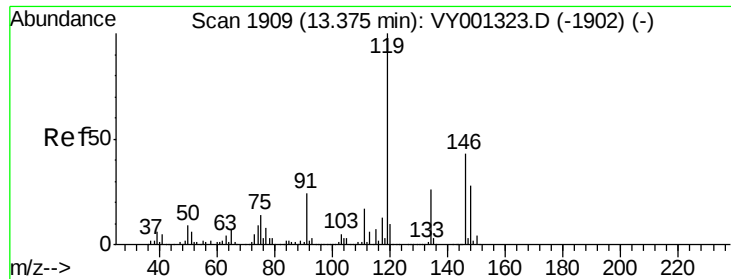
MMDadoda
1/24/2020 4:03:37 PM



#85
sec-Butylbenzene
Concen: 42.088 ug/l
RT: 13.26 min Scan# 1890
Delta R.T. -0.00 min
Lab File: VY001359.D
Acq: 23 Jan 2020 17:10

Tgt Ion	Ratio	Lower	Upper
105	100		
134	20.3	9.8	29.4





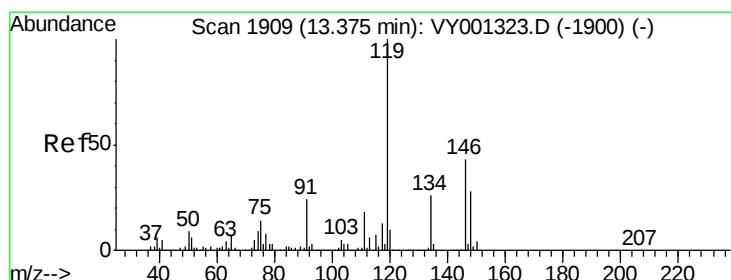
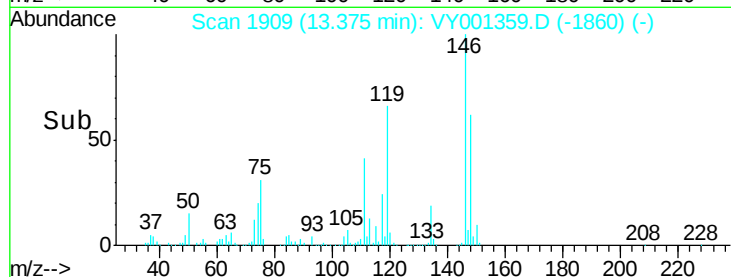
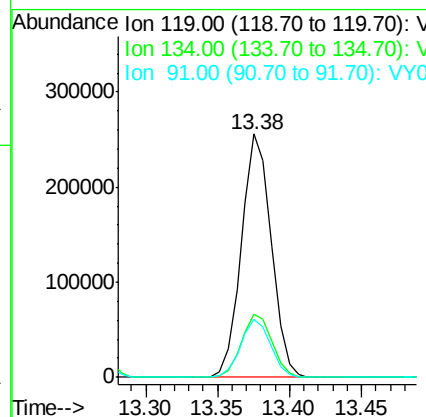
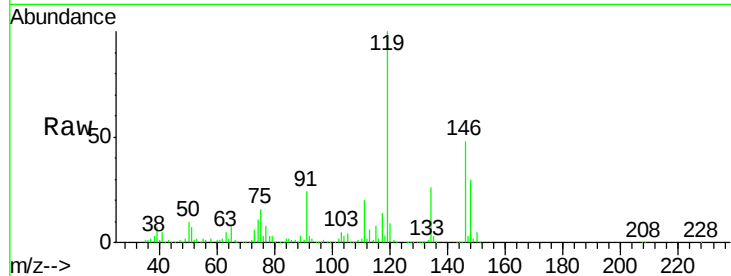
#86
p-Isopropyltoluene
Concen: 41.693 ug/l
RT: 13.38 min Scan# 1909
Delta R.T. -0.00 min
Lab File: VY001359.D
Acq: 23 Jan 2020 17:10

Instrument :
MSVOA_Y
ClientSampleId :
EP-12MS

Tot Ion	Ratio	Resp	Lower	Upper
119	100	367528		
134	26.7		13.5	40.4
91	23.8		12.2	36.6

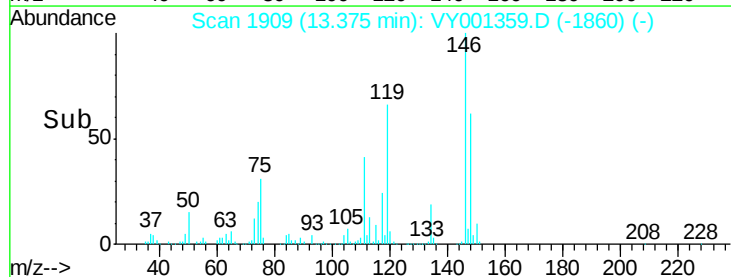
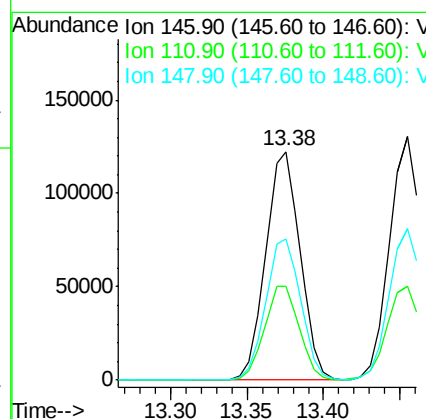
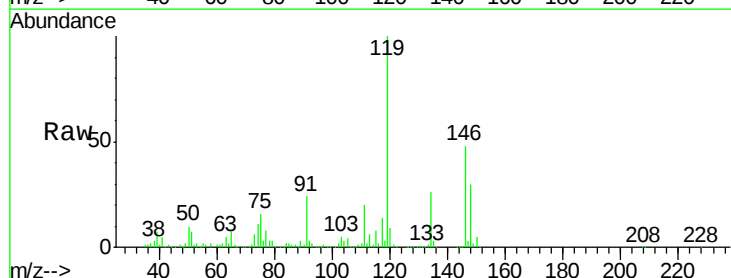
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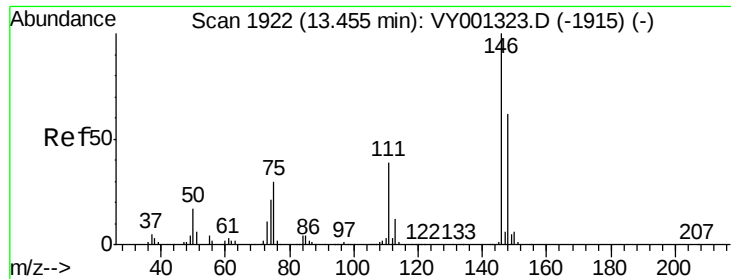
MMDadoda
1/24/2020 4:03:37 PM



#87
1,3-Dichlorobenzene
Concen: 44.993 ug/l
RT: 13.38 min Scan# 1909
Delta R.T. -0.00 min
Lab File: VY001359.D
Acq: 23 Jan 2020 17:10

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	192047		
111	41.8		20.6	61.8
148	62.8		31.6	95.0





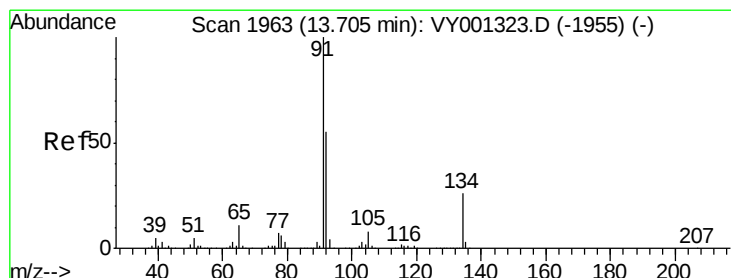
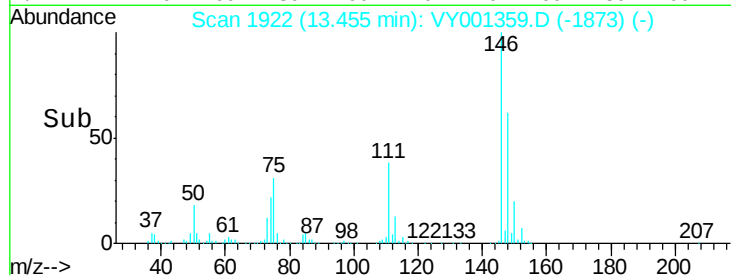
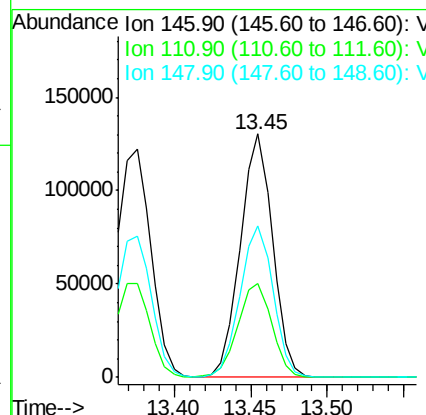
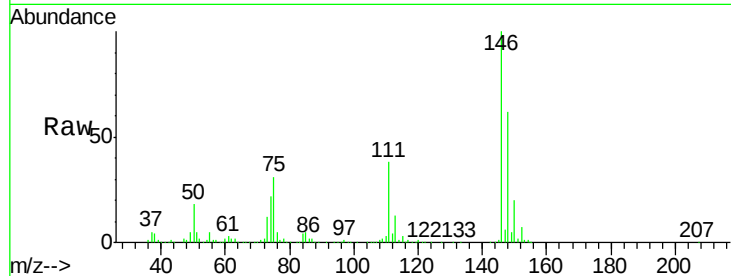
#88
 1,4-Dichlorobenzene
 Concen: 44.123 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VY001359.D
 Acq: 23 Jan 2020 17:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-12MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.5	61.5
148	63.8	31.6	95.0

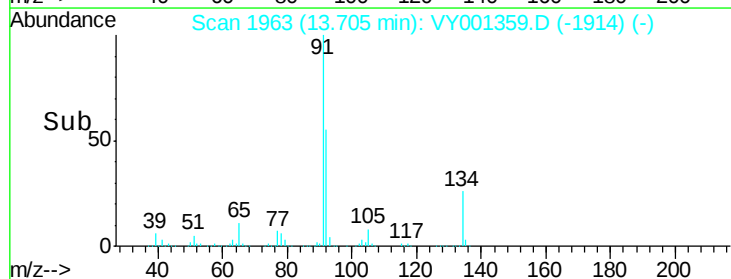
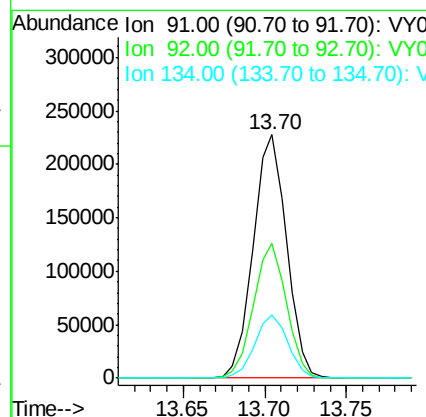
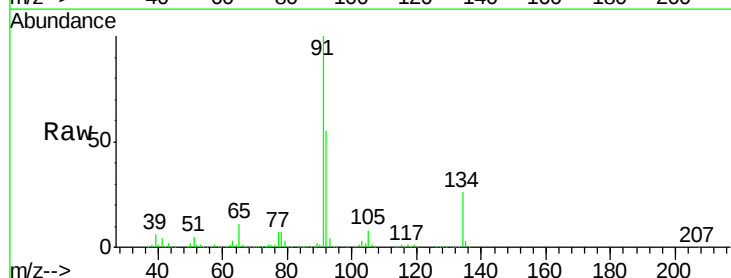
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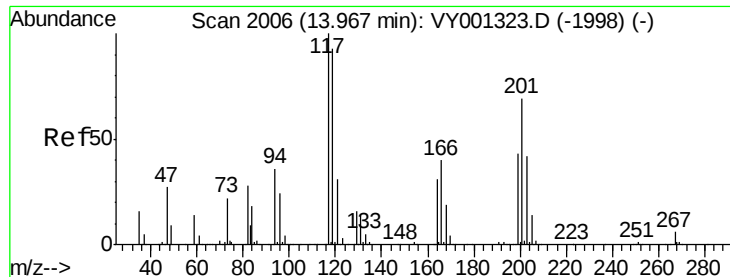
MMDadoda
 1/24/2020 4:03:37 PM



#89
 n-Butylbenzene
 Concen: 36.651 ug/l
 RT: 13.70 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VY001359.D
 Acq: 23 Jan 2020 17:10

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.5	27.6	82.8
134	25.9	12.9	38.6





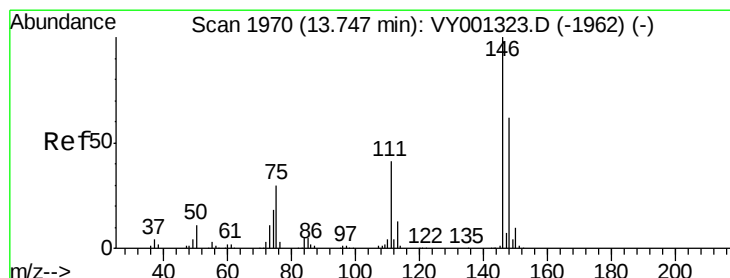
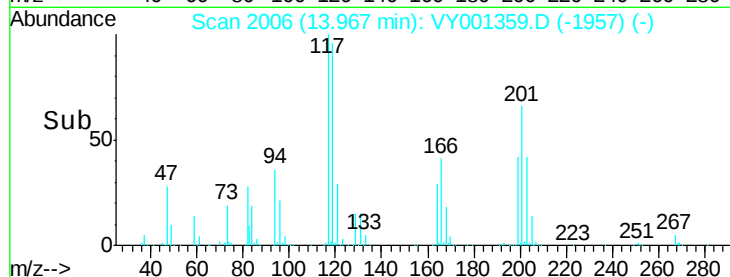
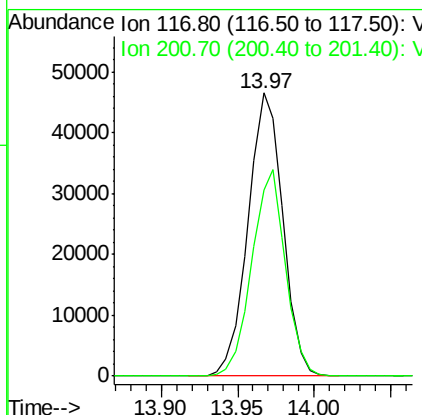
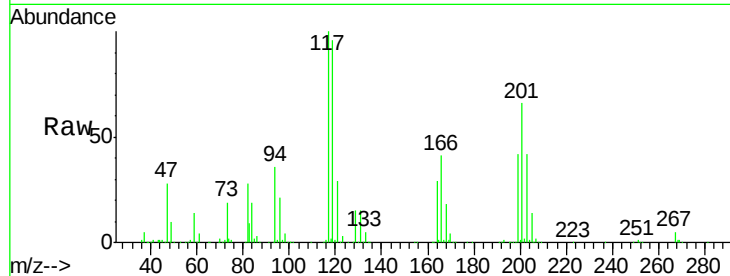
#90
Hexachloroethane
Concen: 44.028 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. -0.00 min
Lab File: VY001359.D
Acq: 23 Jan 2020 17:10

Instrument :
MSVOA_Y
ClientSampled :
EP-12MS

Tot Ion:117 Resp: 73568
Ion Ratio Lower Upper
117 100
201 70.1 34.6 103.8

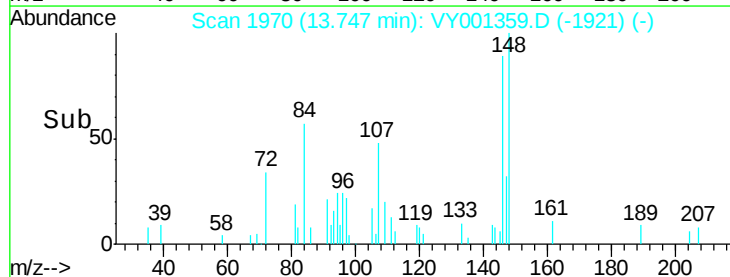
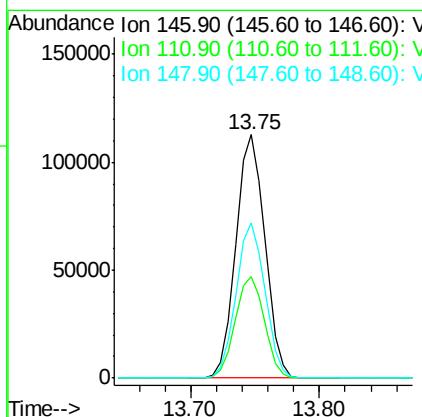
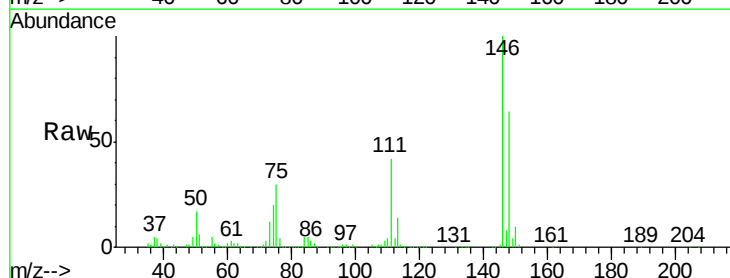
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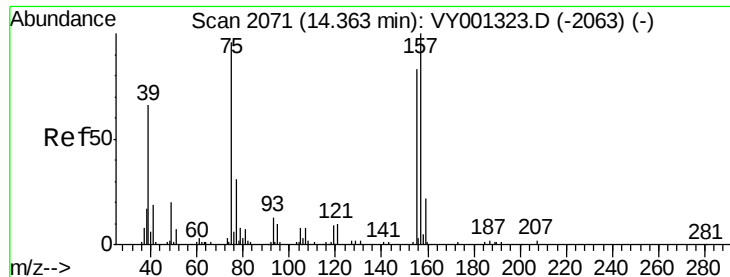
MMDadoda
1/24/2020 4:03:37 PM



#91
1,2-Dichlorobenzene
Concen: 44.763 ug/l
RT: 13.75 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VY001359.D
Acq: 23 Jan 2020 17:10

Tgt Ion:146 Resp: 176210
Ion Ratio Lower Upper
146 100
111 42.0 21.1 63.4
148 63.4 31.5 94.5





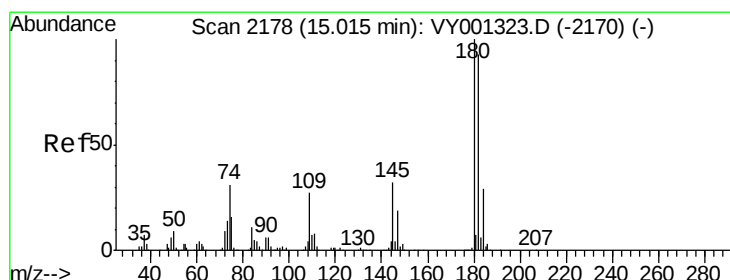
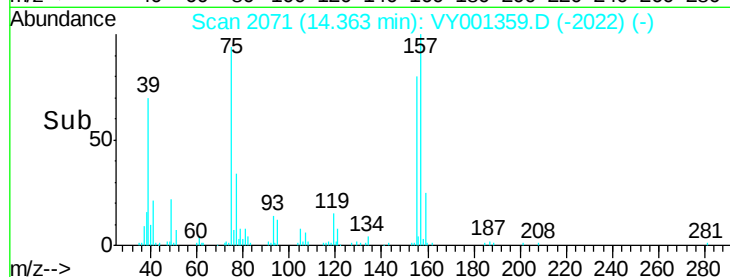
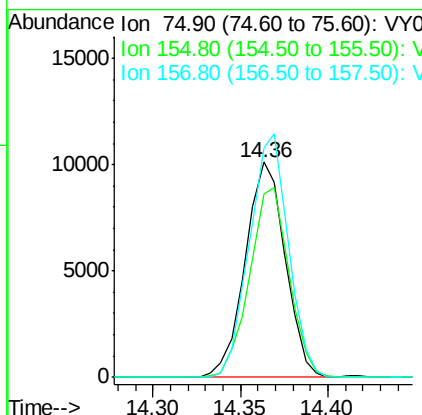
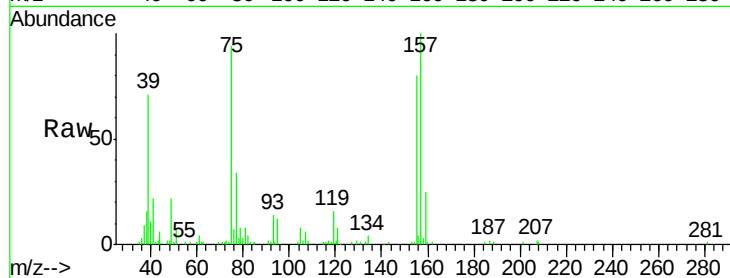
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 43.846 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VY001359.D
 Acq: 23 Jan 2020 17:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-12MS

Tot Ion	Ratio	Lower	Upper
75	100		
155	87.1	43.0	129.2
157	109.8	53.3	160.0

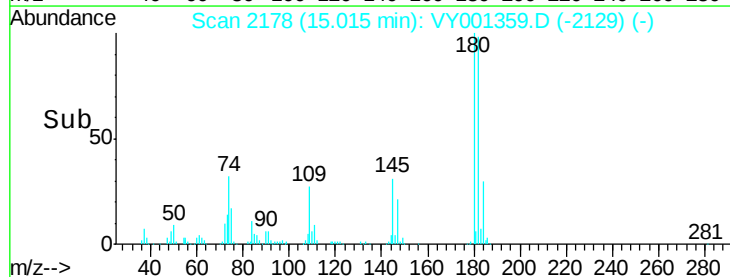
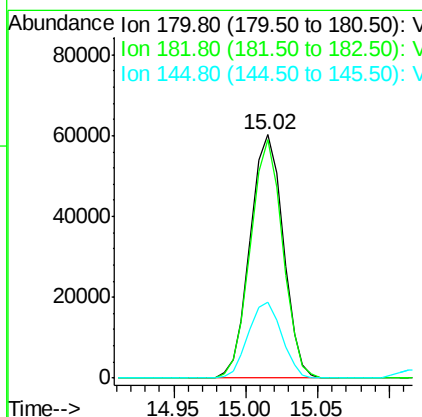
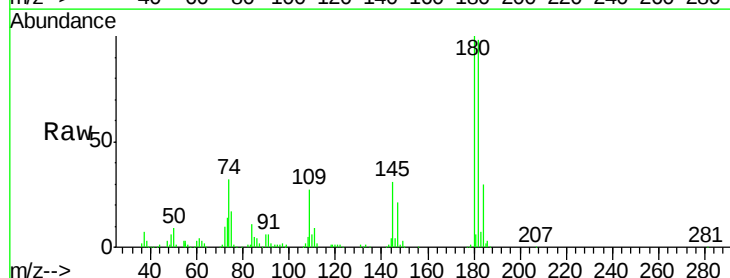
Manual Integrations
 APPROVED

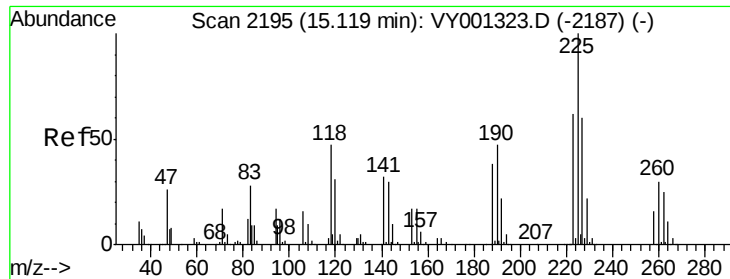
MMDadoda
 1/24/2020 4:03:37 PM



#93
 1,2,4-Trichlorobenzene
 Concen: 36.233 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. -0.00 min
 Lab File: VY001359.D
 Acq: 23 Jan 2020 17:10

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.6	142.8
145	31.4	16.3	48.9





#94

Hexachlorobutadiene

Concen: 29.560 ug/l

RT: 15.12 min Scan# 2195

Delta R.T. -0.00 min

Lab File: VY001359.D

Acq: 23 Jan 2020 17:10

Instrument :

MSVOA_Y

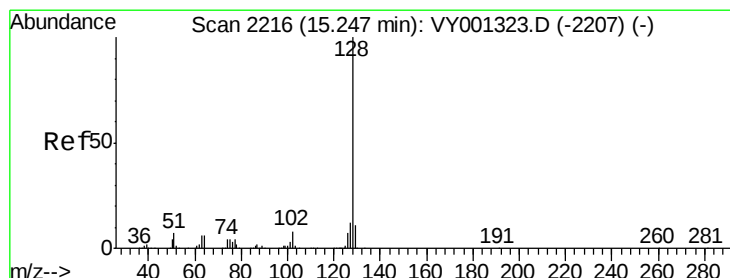
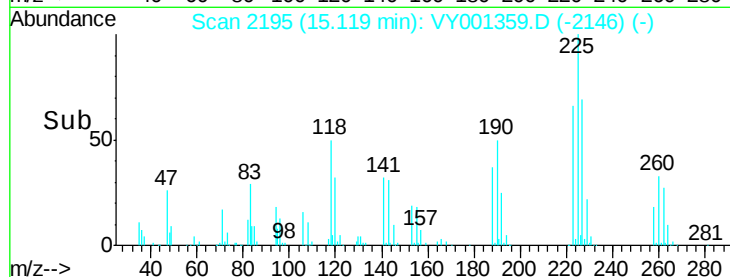
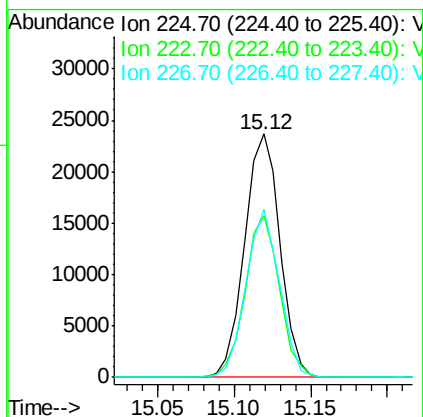
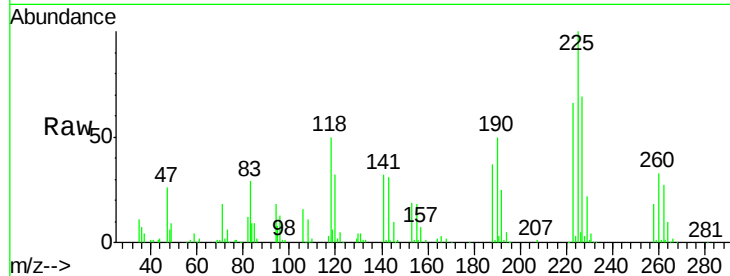
ClientSampleId :

EP-12MS

Tot Ion:	225	Resp:	38028
Ion Ratio	Lower	Upper	
225	100		
223	64.2	31.2	93.6
227	65.4	31.0	93.0

Manual Integrations
APPROVED

MMDadoda
1/24/2020 4:03:37 PM



#95

Naphthalene

Concen: 40.562 ug/l

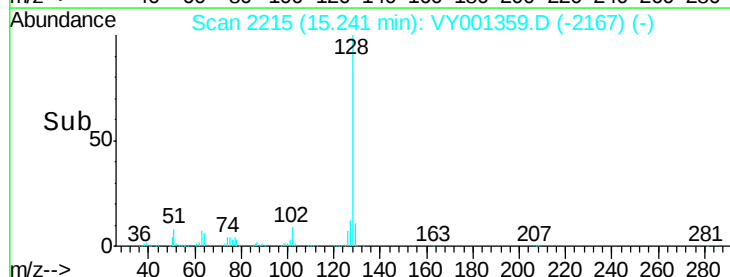
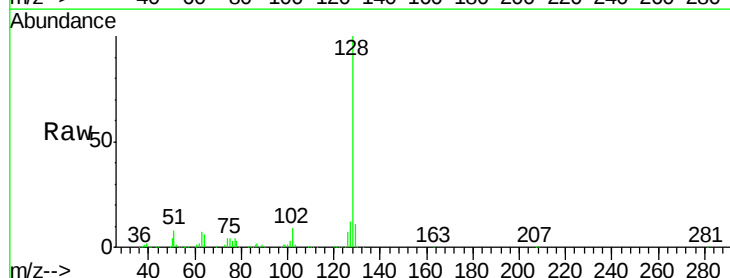
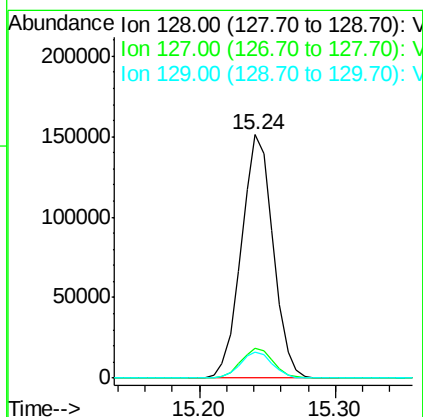
RT: 15.24 min Scan# 2215

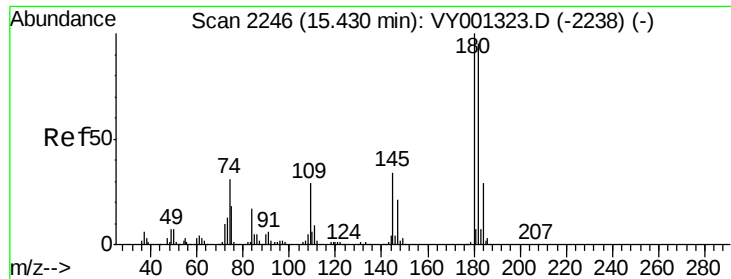
Delta R.T. -0.01 min

Lab File: VY001359.D

Acq: 23 Jan 2020 17:10

Tgt Ion:	128	Resp:	245048
Ion Ratio	Lower	Upper	
128	100		
127	12.5	10.2	15.2
129	11.0	8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 35.461 ug/l
 RT: 15.43 min Scan# 2246
 Delta R.T. -0.00 min
 Lab File: VY001359.D
 Acq: 23 Jan 2020 17:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-12MS

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.3	141.8
145	33.5	16.8	50.3

Manual Integrations
 APPROVED

MMDadoda
 1/24/2020 4:03:37 PM

