

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012120\
 Data File : VY001326.D
 Acq On : 21 Jan 2020 17:10
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY012120

Manual Integrations
 APPROVED

MMDadoda
 1/22/2020 10:50:01 AM

Quant Time: Jan 21 17:40:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 21 16:48:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	181964	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	329195	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	295394	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	140308	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.17	65	104081	52.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.14%	
35) Dibromofluoromethane	7.74	113	97164	50.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.58%	
50) Toluene-d8	10.19	98	390502	52.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.04%	
62) 4-Bromofluorobenzene	12.49	95	149649	50.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	71510	49.834	ug/l	97
3) Chloromethane	2.12	50	108319	49.944	ug/l	99
4) Vinyl Chloride	2.26	62	113778	50.313	ug/l	95
5) Bromomethane	2.66	94	79290	52.061	ug/l	100
6) Chloroethane	2.81	64	73619	50.946	ug/l	97
7) Trichlorofluoromethane	3.14	101	141662	48.960	ug/l	97
8) Diethyl Ether	3.55	74	61903	50.681	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.92	101	92593	50.251	ug/l	99
10) Methyl Iodide	4.11	142	123125	50.663	ug/l	99
11) Tert butyl alcohol	4.98	59	55167	219.234	ug/l	99
12) 1,1-Dichloroethene	3.89	96	94806	49.072	ug/l	97
13) Acrolein	3.75	56	33104	224.075	ug/l	98
14) Allyl chloride	4.51	41	180722	52.454	ug/l	99
15) Acrylonitrile	5.19	53	162778	260.354	ug/l	99
16) Acetone	3.97	43	131666	252.505	ug/l	98
17) Carbon Disulfide	4.22	76	308520	50.775	ug/l	99
18) Methyl Acetate	4.50	43	82418	49.359	ug/l	99
19) Methyl tert-butyl Ether	5.25	73	293287	51.846	ug/l	99
20) Methylene Chloride	4.74	84	130392	53.637	ug/l	99
21) trans-1,2-Dichloroethene	5.24	96	113998	50.797	ug/l	97
22) Diisopropyl ether	6.14	45	386784	52.867	ug/l	96
23) Vinyl Acetate	6.09	43	1258422	264.947	ug/l	100
24) 1,1-Dichloroethane	6.05	63	201501	52.252	ug/l	99
25) 2-Butanone	7.01	43	217322	252.168	ug/l	100
26) 2,2-Dichloropropane	7.01	77	169689	49.400	ug/l	100
27) cis-1,2-Dichloroethene	7.01	96	130635	52.085	ug/l	99
28) Bromochloromethane	7.36	49	94399	59.358	ug/l	99
29) Tetrahydrofuran	7.37	42	142721	254.547	ug/l	98
30) Chloroform	7.53	83	196517	51.990	ug/l	99
31) Cyclohexane	7.80	56	183339	47.884	ug/l	96
32) 1,1,1-Trichloroethane	7.73	97	162689	50.975	ug/l	99
36) 1,1-Dichloropropene	7.94	75	151502	48.713	ug/l	99
37) Ethyl Acetate	7.10	43	92886	48.883	ug/l	100
38) Carbon Tetrachloride	7.93	117	136637	49.296	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	196108	49.222	ug/l	98
40) Benzene	8.19	78	473812	50.809	ug/l	99
41) Methacrylonitrile	7.34	41	47560m	48.503	ug/l	
42) 1,2-Dichloroethane	8.26	62	134580	51.649	ug/l	99
43) Isopropyl Acetate	8.29	43	184108	49.829	ug/l	99
44) Trichloroethene	8.96	130	118865	49.672	ug/l	96
45) 1,2-Dichloropropane	9.24	63	121584	51.576	ug/l	98
46) Dibromomethane	9.32	93	64729	51.146	ug/l	99
47) Bromodichloromethane	9.52	83	155671	51.455	ug/l	99
48) Methyl methacrylate	9.31	41	85313	50.791	ug/l	98
49) 1,4-Dioxane	9.32	88	17899	1002.913	ug/l	98
51) 4-Methyl-2-Pentanone	10.08	43	472713	248.432	ug/l	100
52) Toluene	10.26	92	297724	50.365	ug/l	99
53) t-1,3-Dichloropropene	10.48	75	174941	52.169	ug/l	98
54) cis-1,3-Dichloropropene	9.94	75	197537	51.323	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	94661	50.676	ug/l	98
56) Ethyl methacrylate	10.52	69	144641	51.232	ug/l	99
57) 1,3-Dichloropropane	10.81	76	167417	51.450	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	232180	237.657	ug/l	99
59) 2-Hexanone	10.85	43	336190	253.792	ug/l	100
60) Dibromochloromethane	11.00	129	108118	51.751	ug/l	100
61) 1,2-Dibromoethane	11.10	107	90800	51.419	ug/l	99
64) Tetrachloroethene	10.74	164	91029	48.243	ug/l	97
65) Chlorobenzene	11.53	112	312265	50.151	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.61	131	107905	50.782	ug/l	99
67) Ethyl Benzene	11.61	91	572597	49.901	ug/l	99
68) m/p-Xylenes	11.72	106	436326	101.810	ug/l	99
69) o-Xylene	12.04	106	207971	50.444	ug/l	100
70) Styrene	12.06	104	372176	51.451	ug/l	99
71) Bromoform	12.22	173	63070	49.723	ug/l #	99
73) Isopropylbenzene	12.35	105	548774	49.567	ug/l	100
74) N-amyl acetate	12.16	43	183604	50.662	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.60	83	118893	50.142	ug/l	98
76) 1,2,3-Trichloropropane	12.65	75	87573m	51.796	ug/l	
77) Bromobenzene	12.62	156	123015	50.165	ug/l	97
78) n-propylbenzene	12.69	91	670870	50.342	ug/l	100
79) 2-Chlorotoluene	12.77	91	386815	50.810	ug/l	100
80) 1,3,5-Trimethylbenzene	12.83	105	470717	50.934	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	45154	50.540	ug/l	99
82) 4-Chlorotoluene	12.87	91	417192	51.303	ug/l	99
83) tert-Butylbenzene	13.09	119	391870	50.304	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	474040	51.091	ug/l	100
85) sec-Butylbenzene	13.27	105	564120	50.969	ug/l	100
86) p-Isopropyltoluene	13.38	119	496741	50.930	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	244305	51.729	ug/l	100
88) 1,4-Dichlorobenzene	13.46	146	244477	50.983	ug/l	100
89) n-Butylbenzene	13.71	91	499799	50.916	ug/l	99
90) Hexachloroethane	13.97	117	96012	51.932	ug/l	100
91) 1,2-Dichlorobenzene	13.75	146	221962	50.961	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	20248	49.487	ug/l	98

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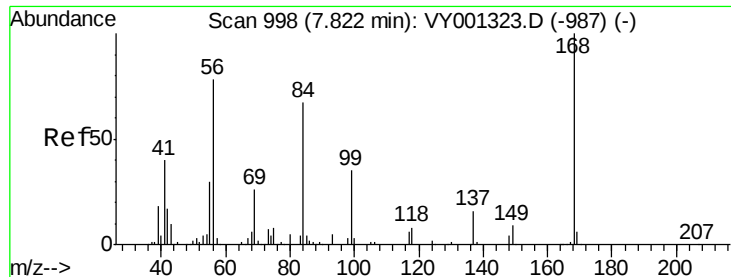
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	147801	50.560	ug/l	99
94) Hexachlorobutadiene	15.13	225	69099	48.546	ug/l	99
95) Naphthalene	15.25	128	345668	51.713	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	133017	51.872	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. -0.01 min

Lab File: VY001326.D

Acq: 21 Jan 2020 17:10

Instrument :

MSVOA_Y

ClientSampleId :

ICVY012120

Tot Ion:168 Resp: 181964

Ion Ratio Lower Upper

168 100

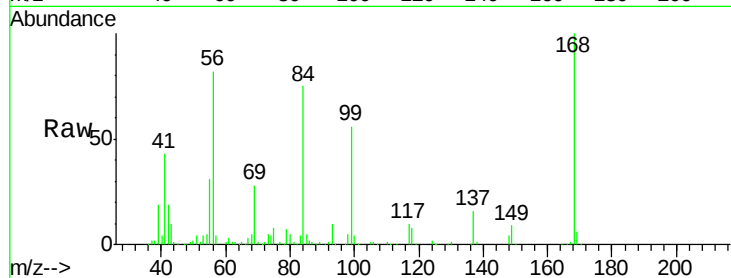
99 56.0 44.3 66.5

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Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

7.82

80000

60000

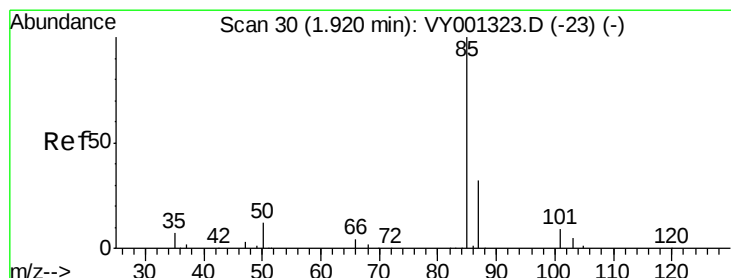
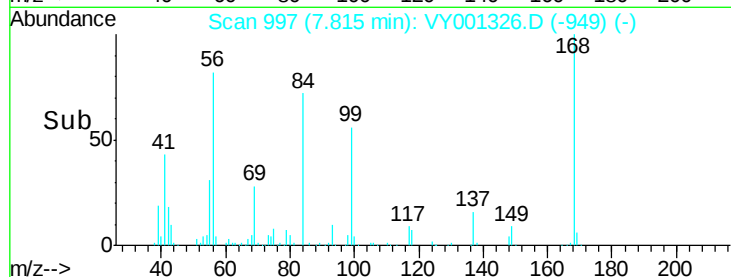
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 49.834 ug/l

RT: 1.91 min Scan# 29

Delta R.T. -0.01 min

Lab File: VY001326.D

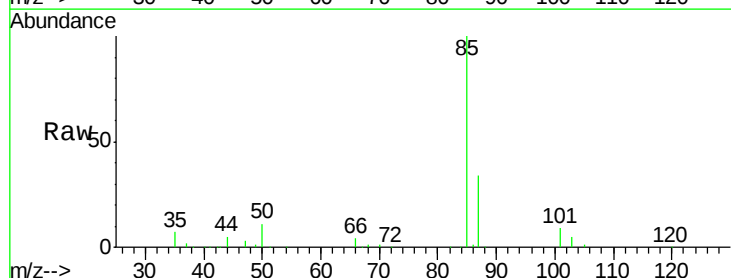
Acq: 21 Jan 2020 17:10

Tgt Ion: 85 Resp: 71510

Ion Ratio Lower Upper

85 100

87 33.9 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VY0

Ion 86.90 (86.60 to 87.60): VY0

1.91

50000

40000

30000

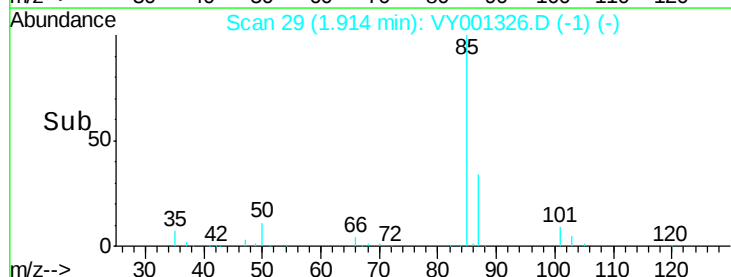
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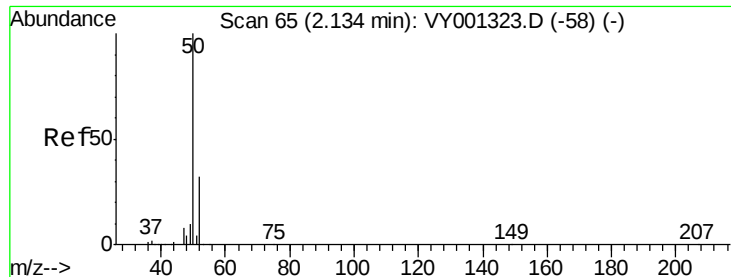
10000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 49.944 ug/l

RT: 2.12 min Scan# 63

Delta R.T. -0.01 min

Lab File: VY001326.D

Acq: 21 Jan 2020 17:10

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY012120

Tot Ion: 50 Resp: 108319

Ion Ratio Lower Upper

50 100

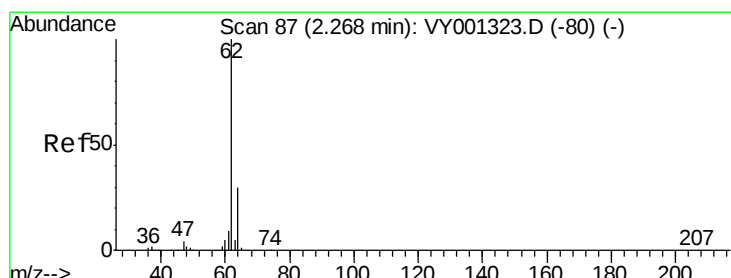
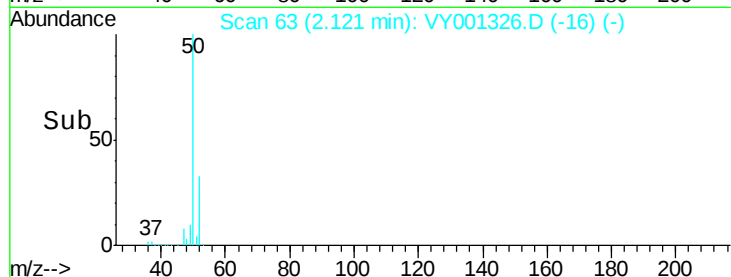
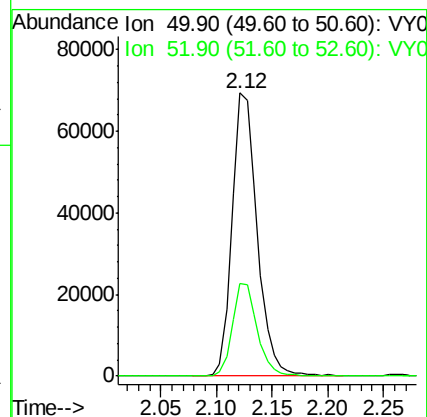
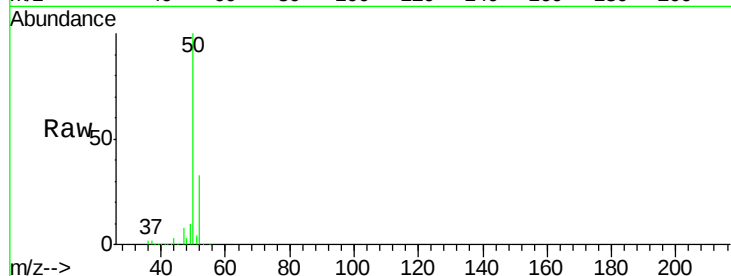
52 32.7 25.7 38.5

Manual Integrations

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1/22/2020 10:50:01 AM



#4

Vinyl Chloride

Concen: 50.313 ug/l

RT: 2.26 min Scan# 86

Delta R.T. -0.01 min

Lab File: VY001326.D

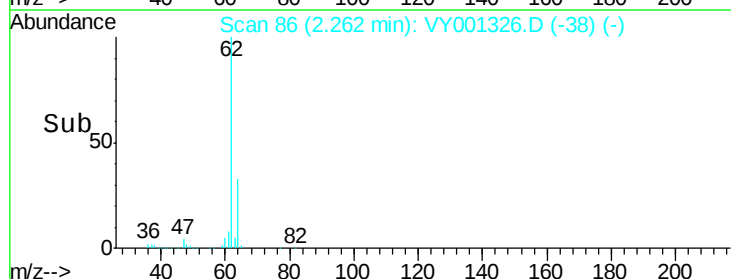
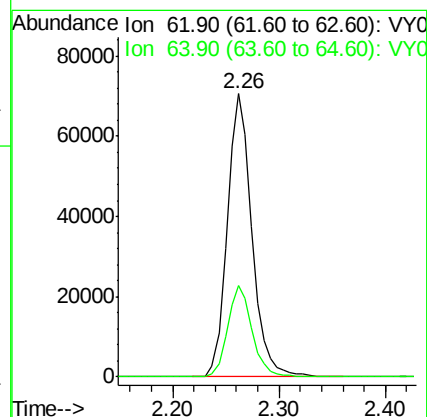
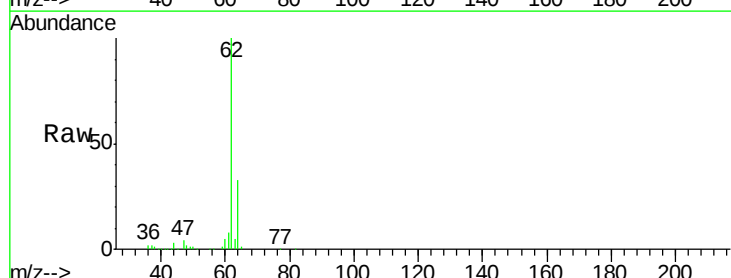
Acq: 21 Jan 2020 17:10

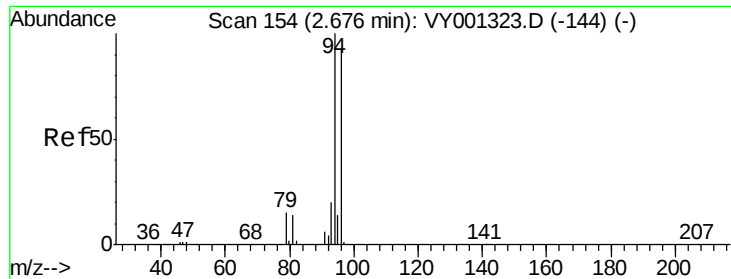
Tgt Ion: 62 Resp: 113778

Ion Ratio Lower Upper

62 100

64 32.5 23.9 35.9





#5

Bromomethane

Concen: 52.061 ug/l

RT: 2.66 min Scan# 152

Delta R.T. -0.01 min

Lab File: VY001326.D

Acq: 21 Jan 2020 17:10

Instrument :

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ClientSampleId :

ICVY012120

Tot Ion: 94 Resp: 79290

Ion Ratio Lower Upper

94 100

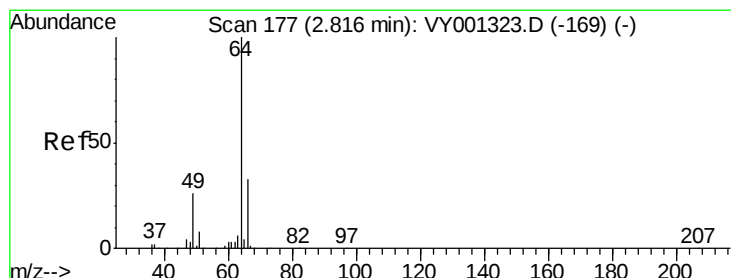
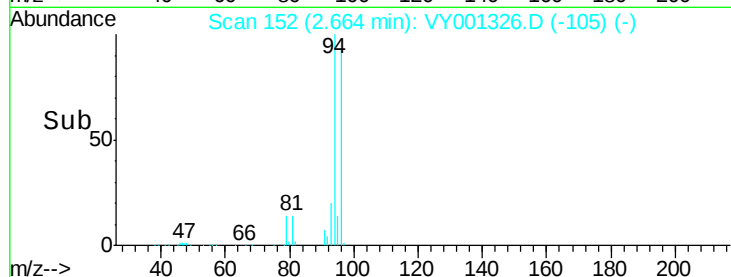
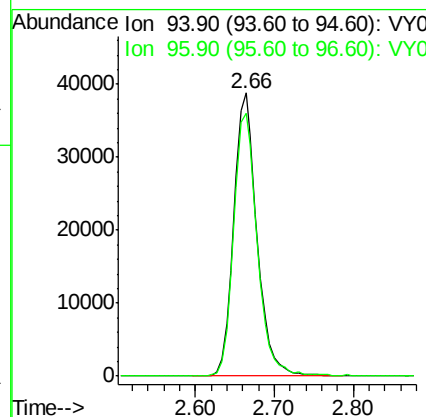
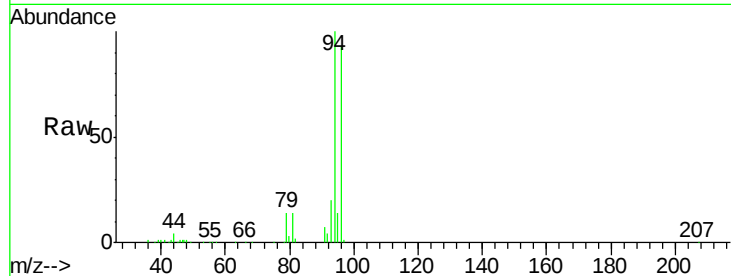
96 92.8 74.6 111.8

Manual Integrations

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#6

Chloroethane

Concen: 50.946 ug/l

RT: 2.81 min Scan# 176

Delta R.T. -0.01 min

Lab File: VY001326.D

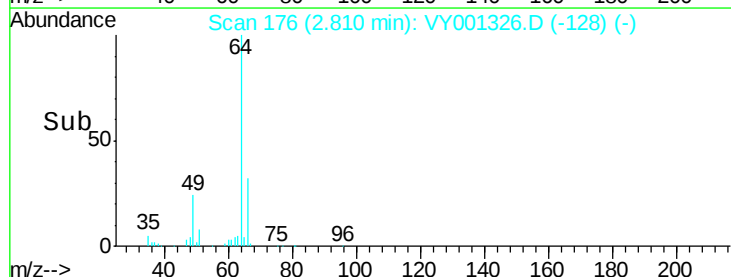
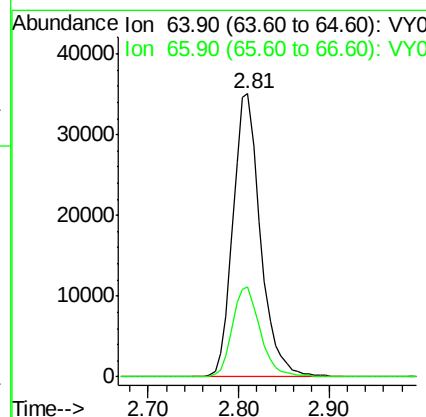
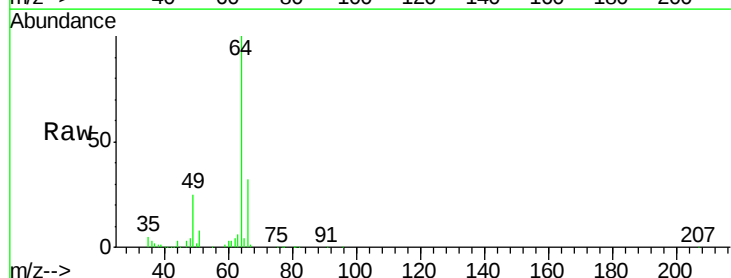
Acq: 21 Jan 2020 17:10

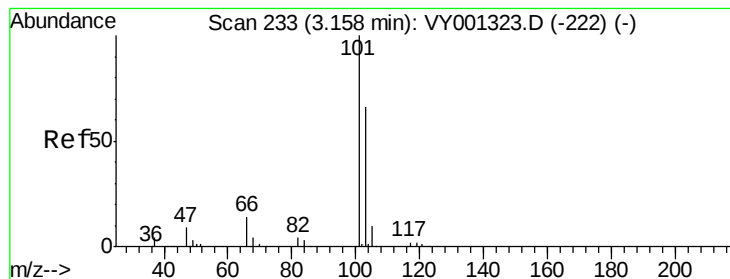
Tgt Ion: 64 Resp: 73619

Ion Ratio Lower Upper

64 100

66 31.7 26.8 40.2





#7

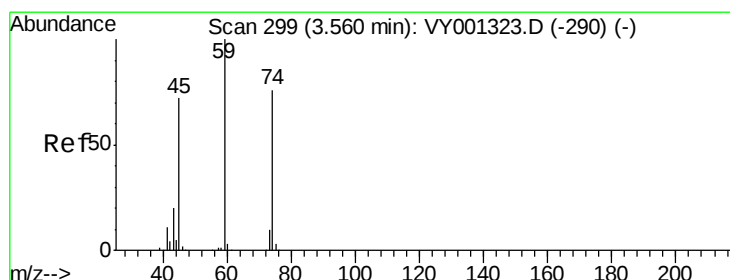
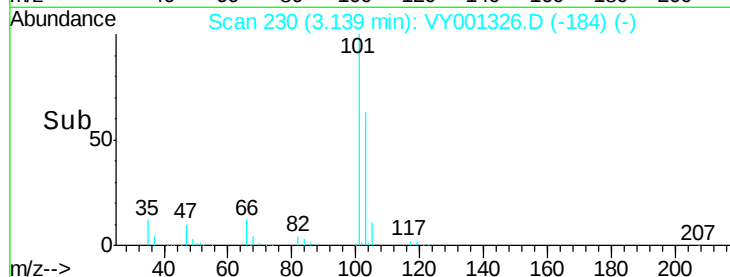
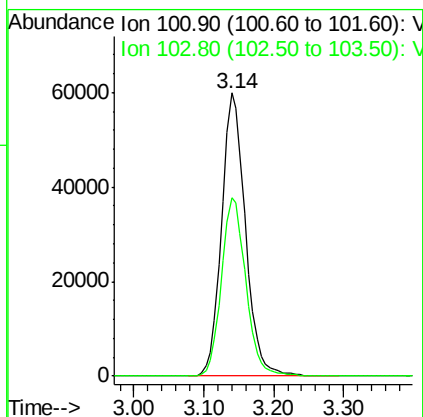
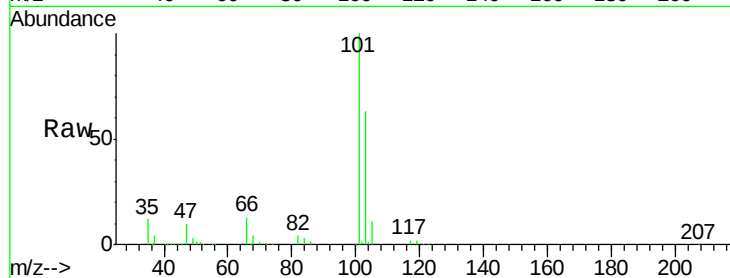
Trichlorofluoromethane
Concen: 48.960 ug/l
RT: 3.14 min Scan# 230
Delta R.T. -0.02 min
Lab File: VY001326.D
Acq: 21 Jan 2020 17:10

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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.2	52.5	78.7

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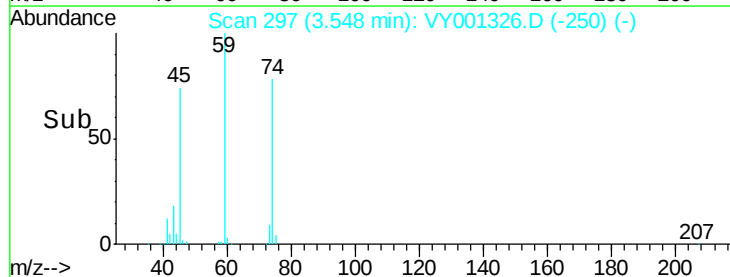
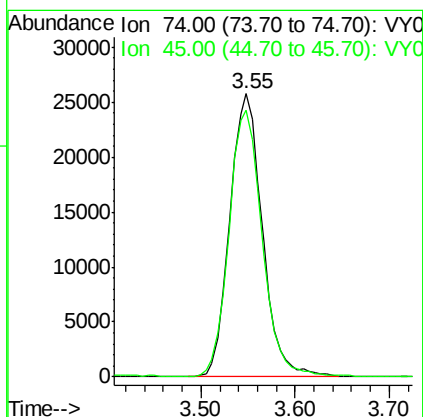
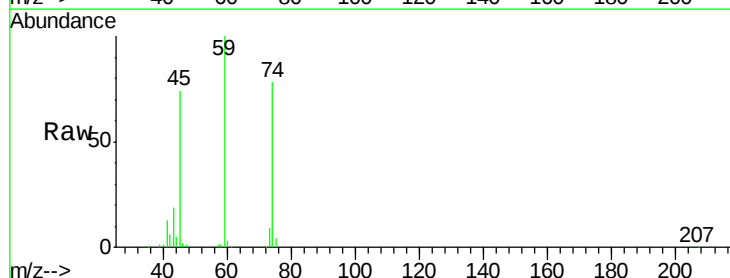
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#8

Diethyl Ether
Concen: 50.681 ug/l
RT: 3.55 min Scan# 297
Delta R.T. -0.01 min
Lab File: VY001326.D
Acq: 21 Jan 2020 17:10

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.6	47.2	141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.251 ug/l

RT: 3.92 min Scan# 358

Delta R.T. -0.02 min

Lab File: VY001326.D

Acq: 21 Jan 2020 17:10

Instrument :

MSVOA_Y

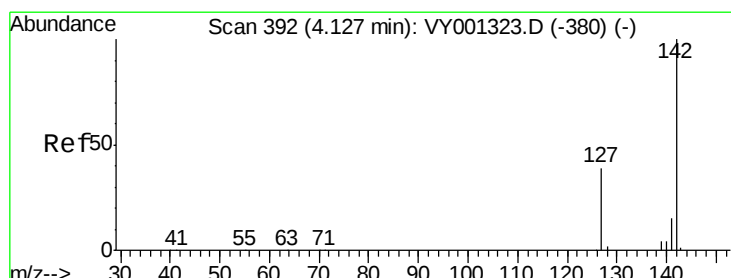
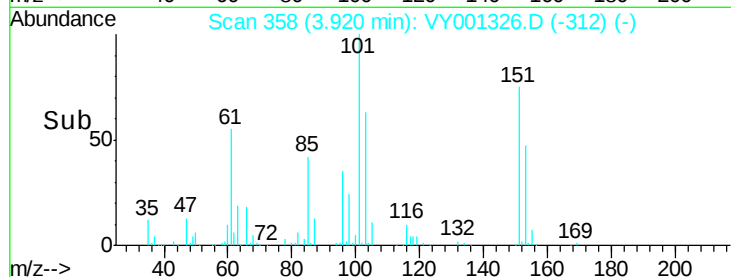
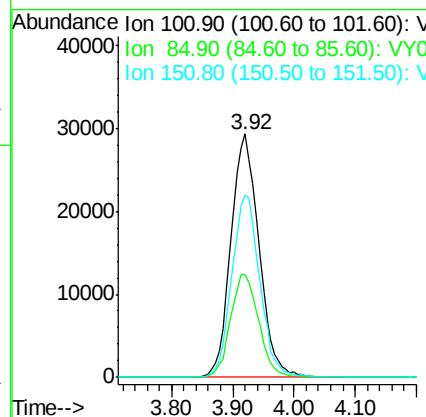
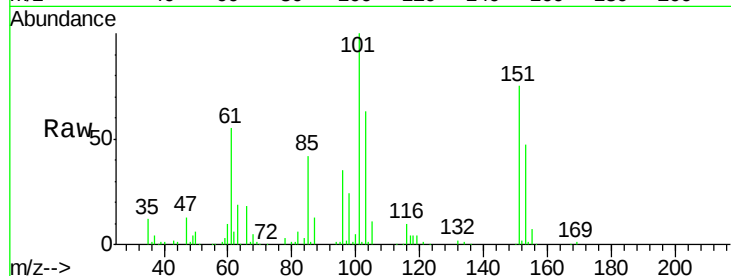
ClientSampleId :

ICVVY012120

Tot Ion:	101	Resp:	92593
Ion Ratio	Lower	Upper	
101	100		
85	42.6	34.9	52.3
151	74.9	59.9	89.9

Manual Integrations
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#10

Methyl Iodide

Concen: 50.663 ug/l

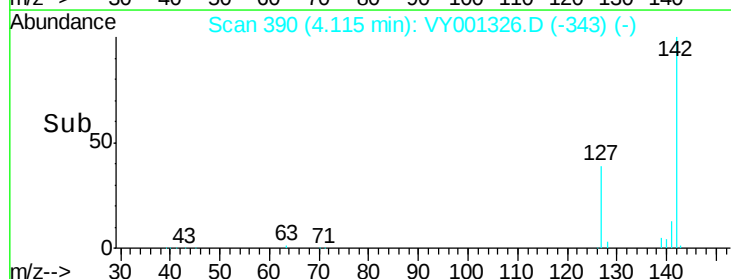
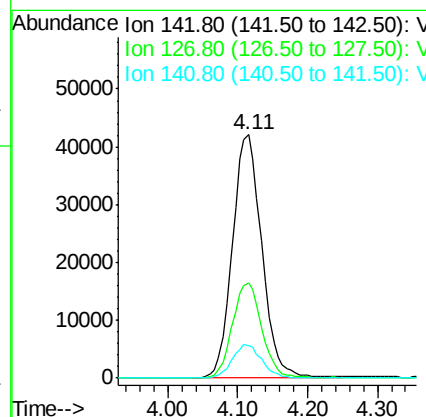
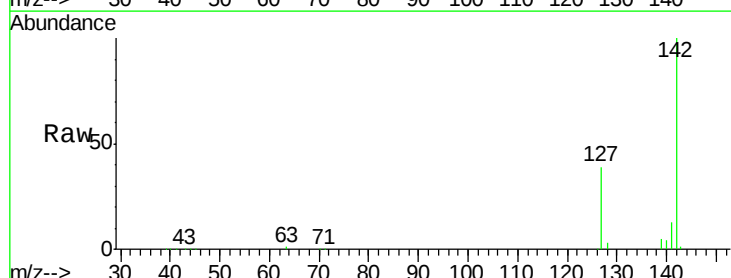
RT: 4.11 min Scan# 390

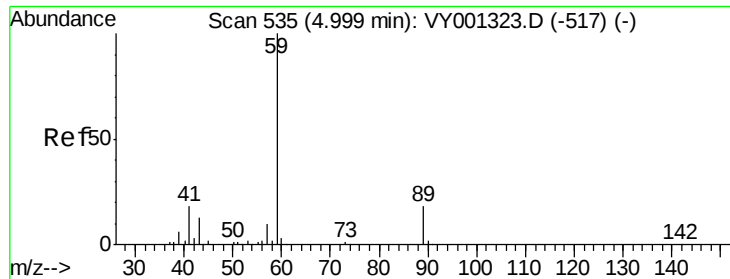
Delta R.T. -0.01 min

Lab File: VY001326.D

Acq: 21 Jan 2020 17:10

Tgt Ion:	142	Resp:	123125
Ion Ratio	Lower	Upper	
142	100		
127	39.1	31.6	47.4
141	13.7	11.2	16.8





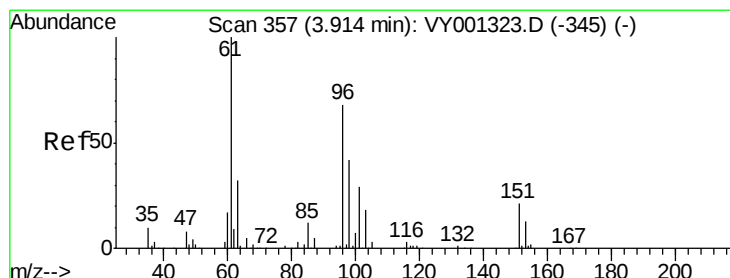
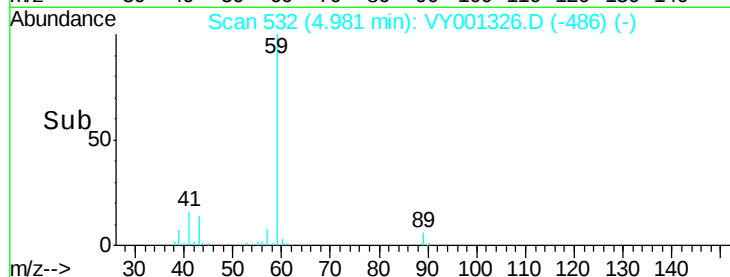
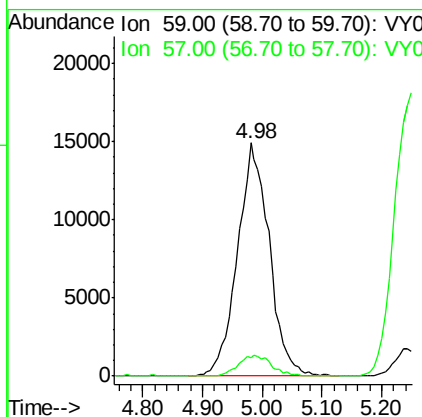
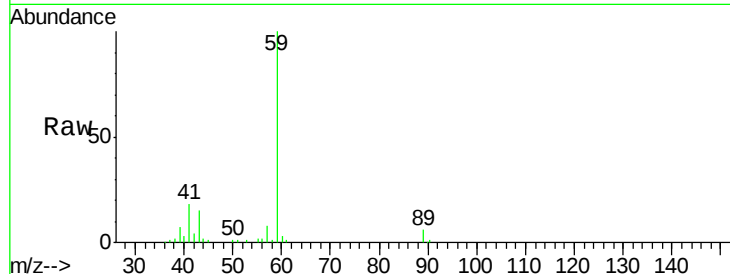
#11
Tert butyl alcohol
Concen: 219.234 ug/l
RT: 4.98 min Scan# 532
Delta R.T. -0.02 min
Lab File: VY001326.D
Acq: 21 Jan 2020 17:10

Instrument :
MSVOA_Y
ClientSampleId :
ICVY012120

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.5	7.4	11.2

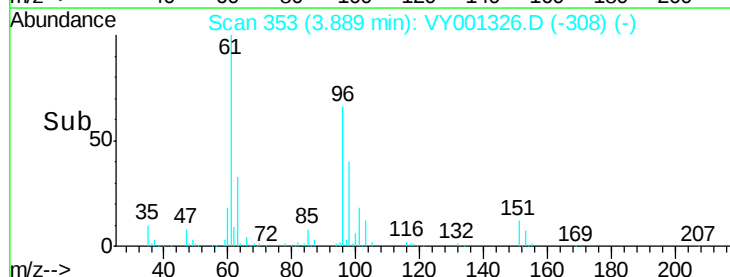
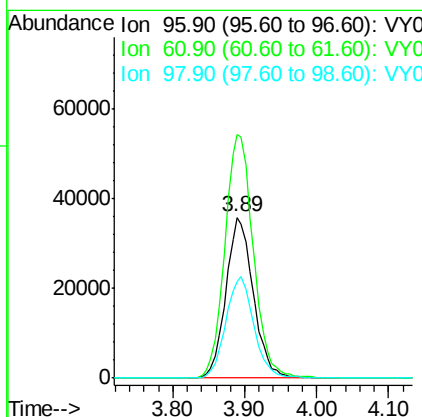
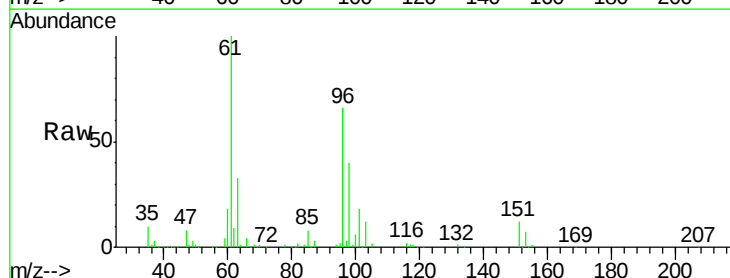
Manual Integrations
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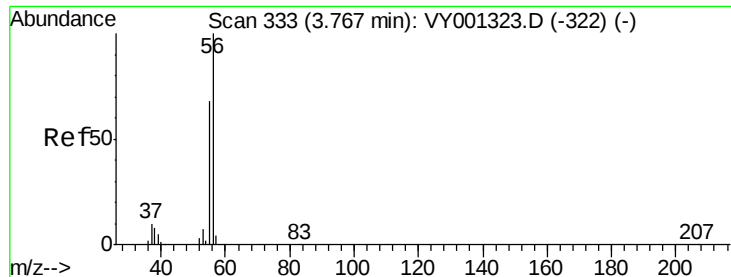
MMDadoda
1/22/2020 10:50:01 AM



#12
1,1-Dichloroethene
Concen: 49.072 ug/l
RT: 3.89 min Scan# 353
Delta R.T. -0.02 min
Lab File: VY001326.D
Acq: 21 Jan 2020 17:10

Tgt Ion	Ratio	Lower	Upper
96	100		
61	151.5	118.0	177.0
98	60.2	49.4	74.2





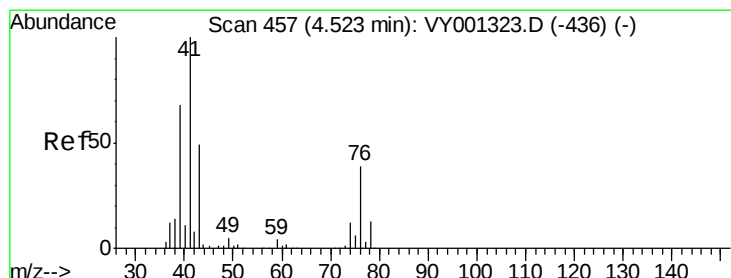
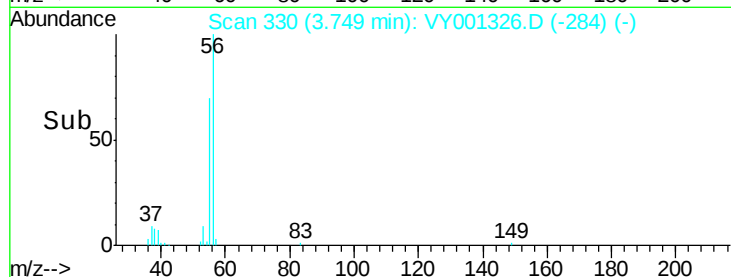
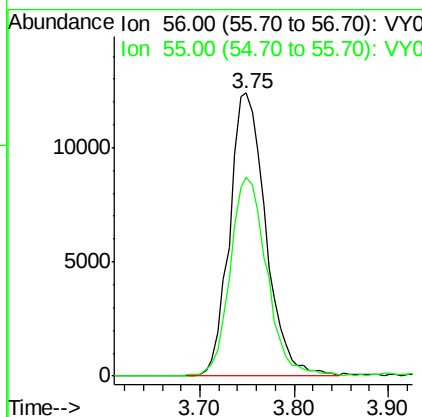
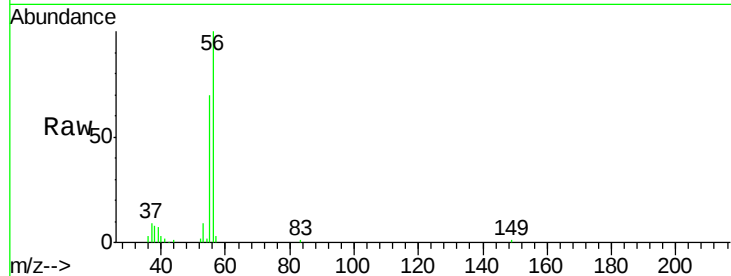
#13
Acrolein
Concen: 224.075 ug/l
RT: 3.75 min Scan# 330
Delta R.T. -0.02 min
Lab File: VY001326.D
Acq: 21 Jan 2020 17:10

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY012120

Tot Ion	Ratio	Lower	Upper
56	100		
55	71.5	55.9	83.9

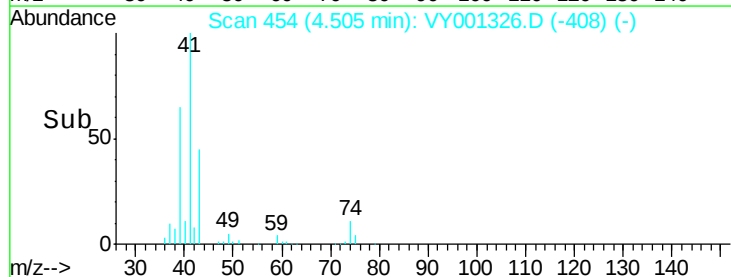
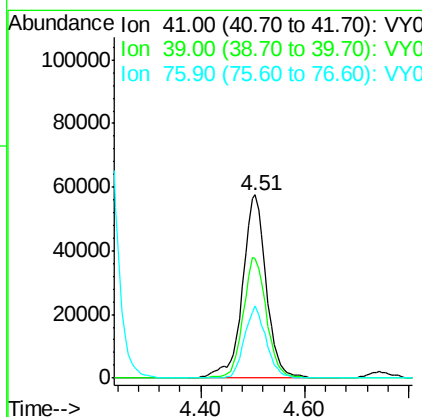
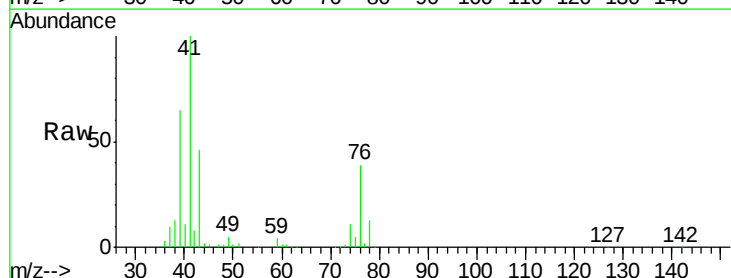
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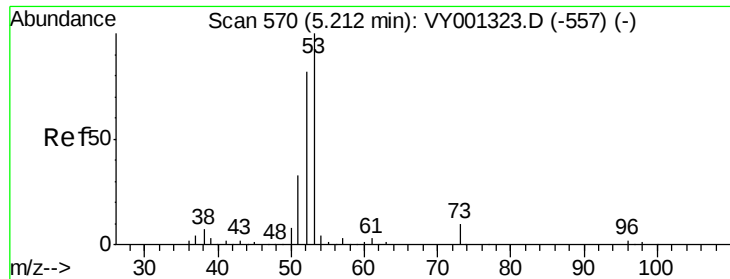
MMDadoda
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#14
Allyl chloride
Concen: 52.454 ug/l
RT: 4.51 min Scan# 454
Delta R.T. -0.02 min
Lab File: VY001326.D
Acq: 21 Jan 2020 17:10

Tgt Ion	Ratio	Lower	Upper
41	100		
39	64.5	52.2	78.4
76	35.9	29.1	43.7





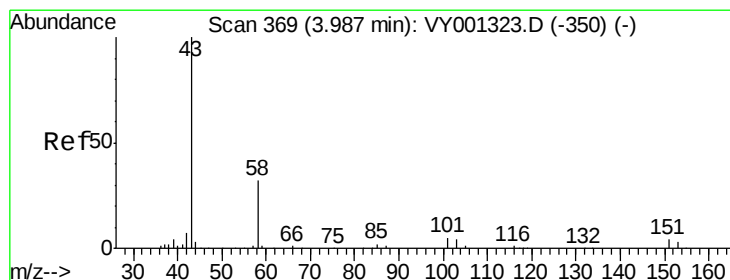
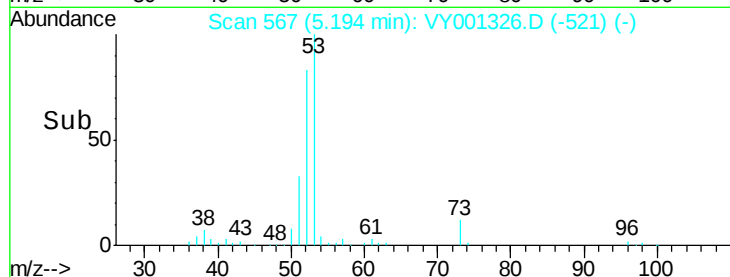
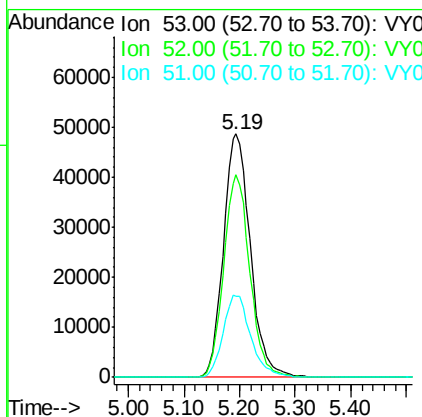
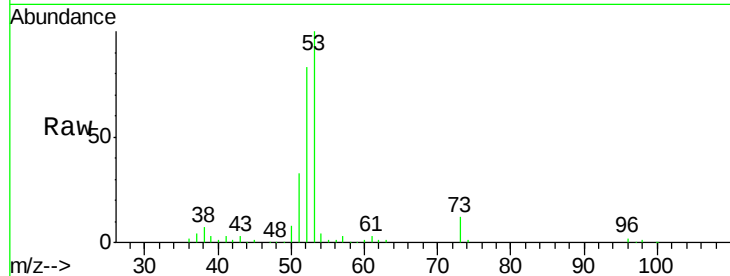
#15
 Acrylonitrile
 Concen: 260.354 ug/l
 RT: 5.19 min Scan# 567
 Delta R.T. -0.02 min
 Lab File: VY001326.D
 Acq: 21 Jan 2020 17:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY012120

Tot Ion	Ratio	Lower	Upper
53	100		
52	80.7	65.3	97.9
51	34.7	28.4	42.6

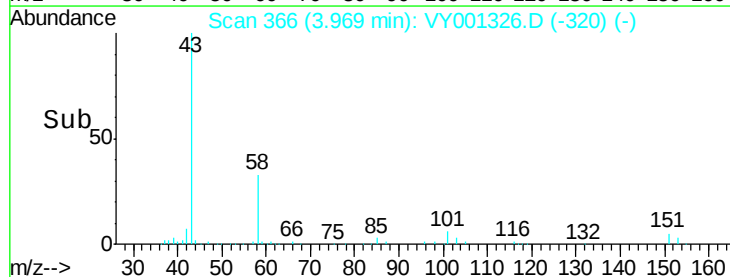
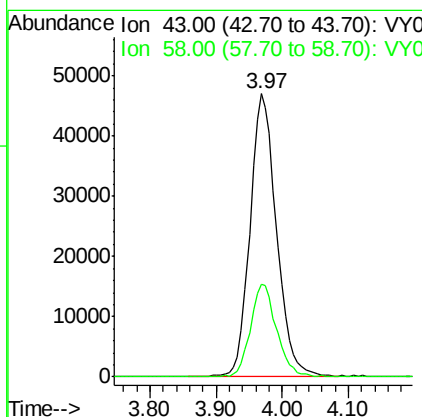
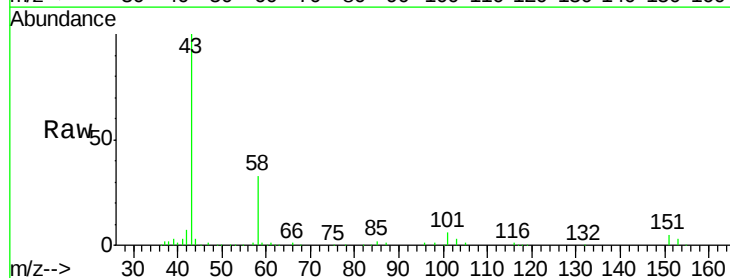
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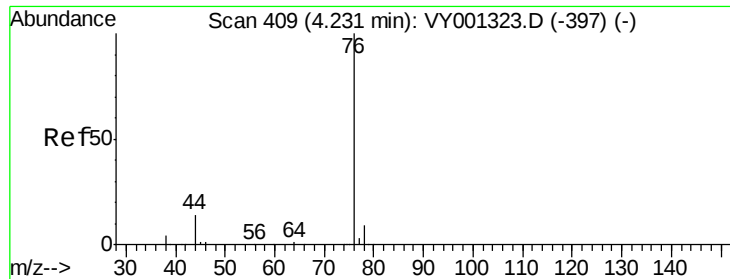
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#16
 Acetone
 Concen: 252.505 ug/l
 RT: 3.97 min Scan# 366
 Delta R.T. -0.02 min
 Lab File: VY001326.D
 Acq: 21 Jan 2020 17:10

Tgt Ion	Ratio	Lower	Upper
43	100		
58	32.8	25.4	38.0





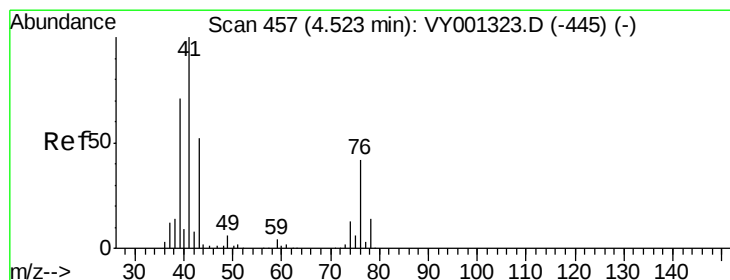
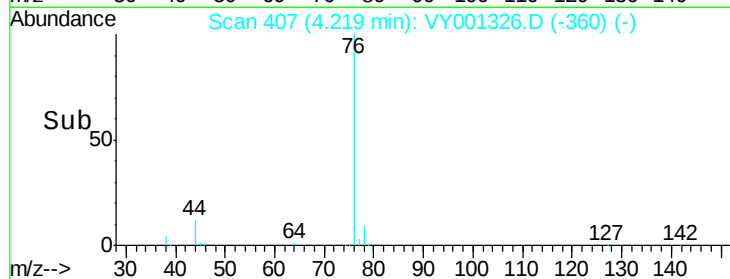
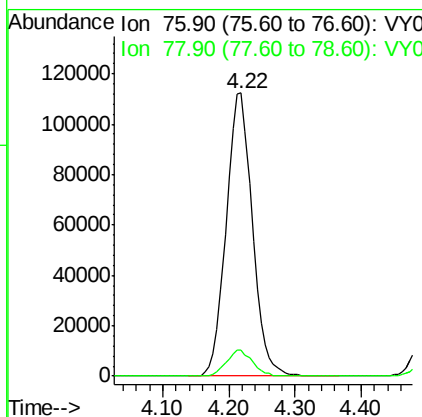
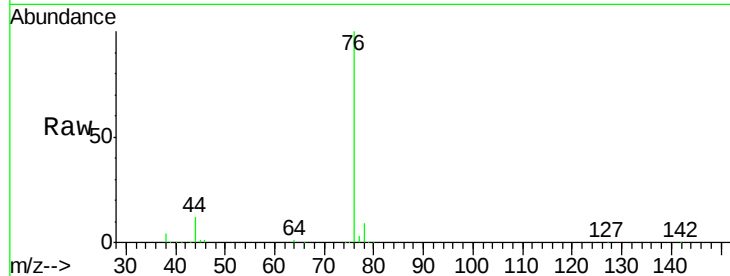
#17
Carbon Disulfide
Concen: 50.775 ug/l
RT: 4.22 min Scan# 407
Delta R.T. -0.01 min
Lab File: VY001326.D
Acq: 21 Jan 2020 17:10

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY012120

Tot Ion	76	Resp	308520
Ion Ratio	Lower	Upper	
76	100		
78	9.2	7.0	10.6

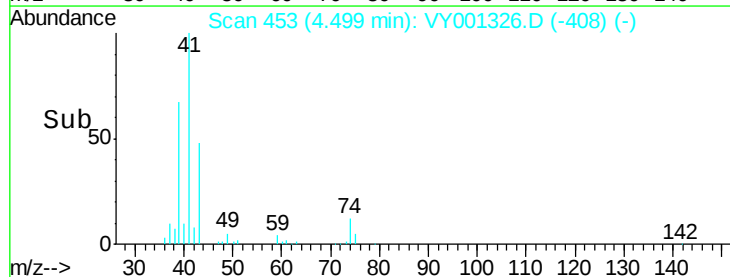
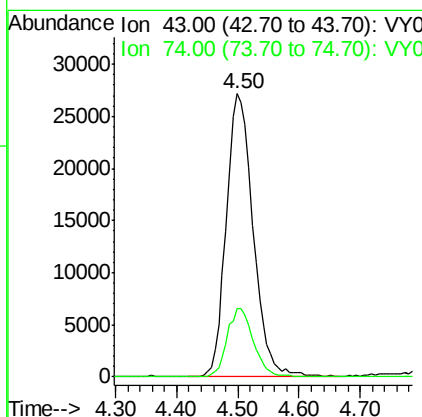
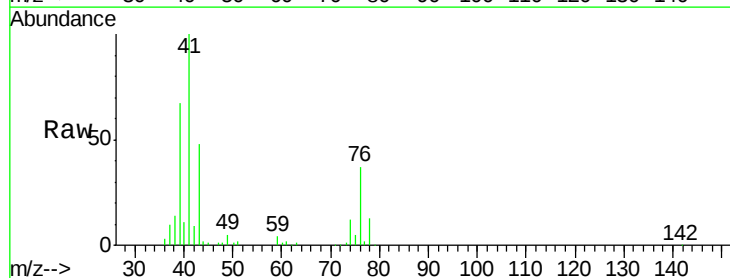
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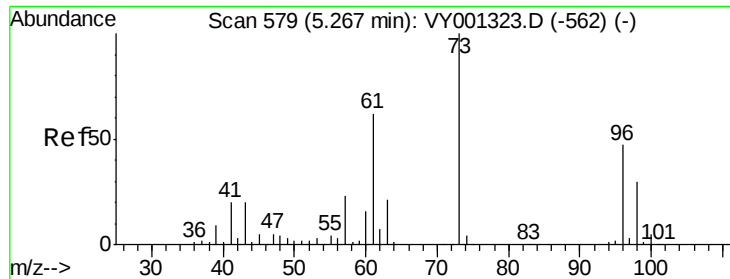
MMDadoda
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#18
Methyl Acetate
Concen: 49.359 ug/l
RT: 4.50 min Scan# 453
Delta R.T. -0.02 min
Lab File: VY001326.D
Acq: 21 Jan 2020 17:10

Tgt Ion	43	Resp	82418
Ion Ratio	Lower	Upper	
43	100		
74	23.6	19.4	29.2





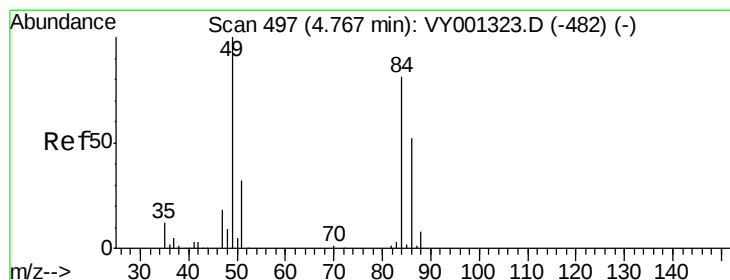
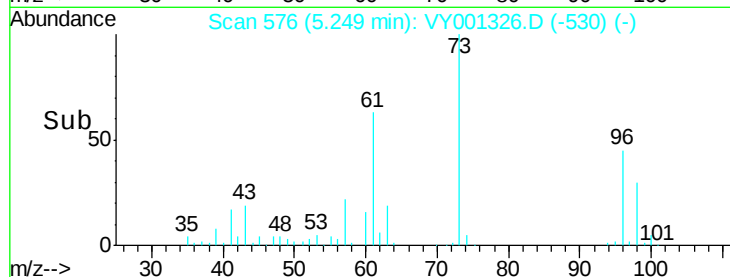
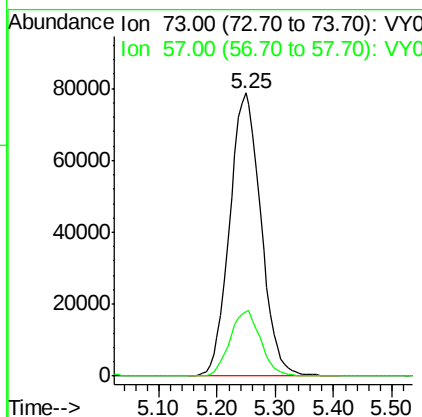
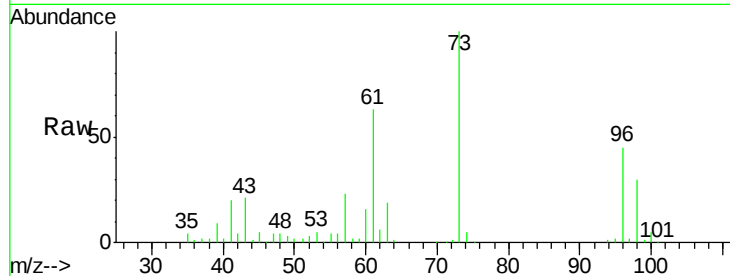
#19
Methyl tert-butyl Ether
Concen: 51.846 ug/l
RT: 5.25 min Scan# 576
Delta R.T. -0.02 min
Lab File: VY001326.D
Acq: 21 Jan 2020 17:10

Instrument :
MSVOA_Y
ClientSampleId :
ICVY012120

Tot Ion: 73 Resp: 293287
Ion Ratio Lower Upper
73 100
57 23.0 18.2 27.2

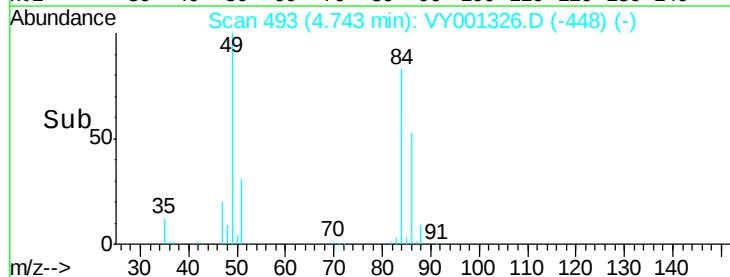
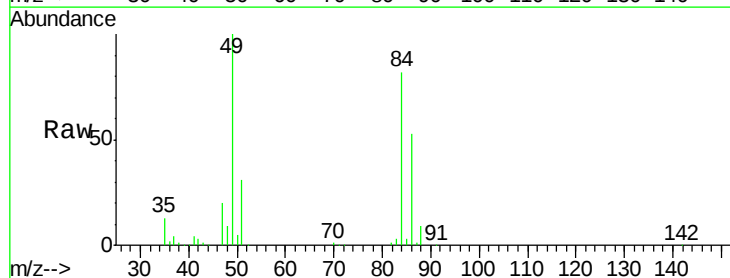
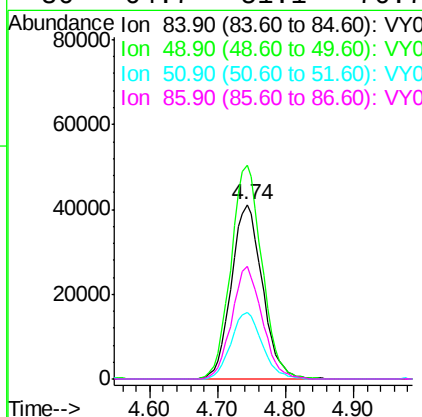
Manual Integrations
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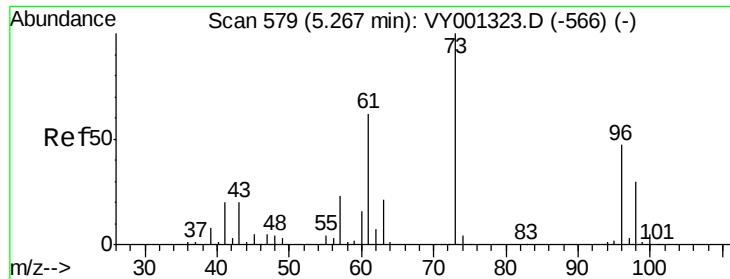
MMDadoda
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#20
Methylene Chloride
Concen: 53.637 ug/l
RT: 4.74 min Scan# 493
Delta R.T. -0.02 min
Lab File: VY001326.D
Acq: 21 Jan 2020 17:10

Tgt Ion: 84 Resp: 130392
Ion Ratio Lower Upper
84 100
49 122.6 98.3 147.5
51 38.4 31.6 47.4
86 64.7 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 50.797 ug/l

RT: 5.24 min Scan# 575

Delta R.T. -0.02 min

Lab File: VY001326.D

Acq: 21 Jan 2020 17:10

Instrument :

MSVOA_Y

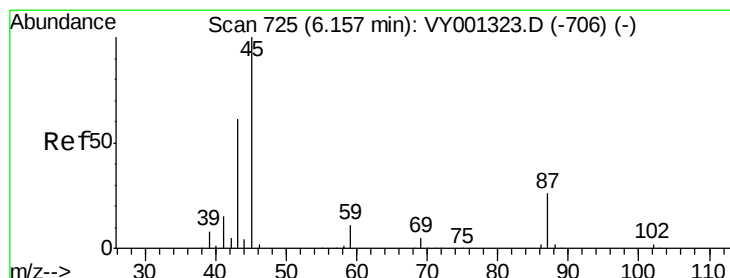
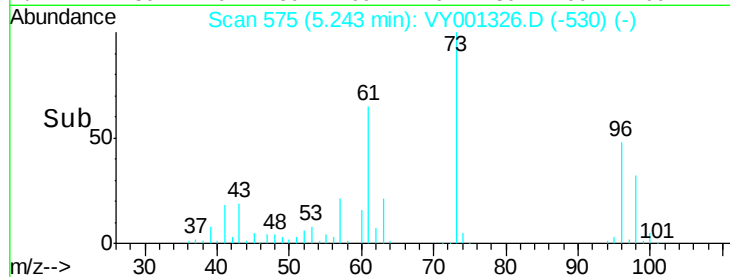
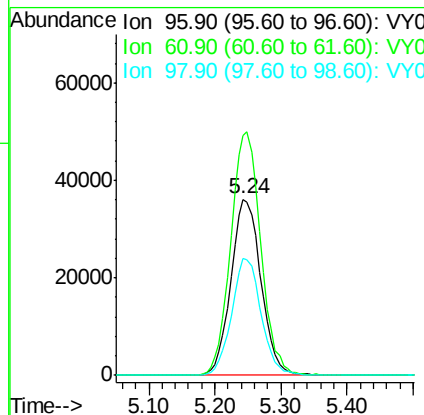
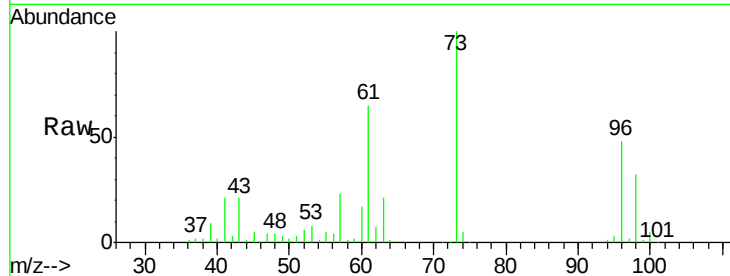
ClientSampleId :

ICVY012120

Tot Ion:	96	Resp:	113998
Ion	Ratio	Lower	Upper
96	100		
61	135.9	106.8	160.2
98	66.5	51.0	76.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 52.867 ug/l

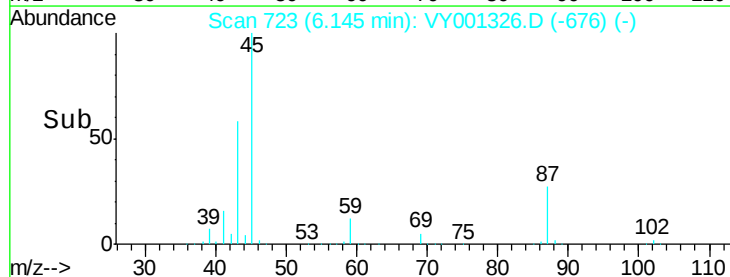
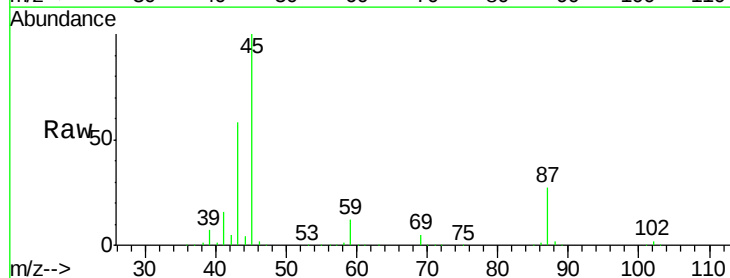
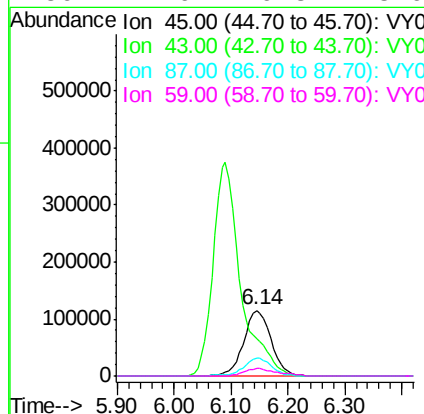
RT: 6.14 min Scan# 723

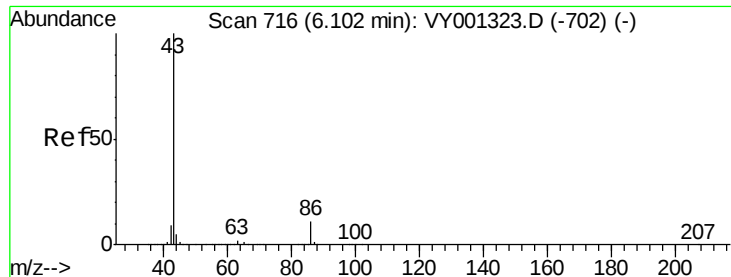
Delta R.T. -0.01 min

Lab File: VY001326.D

Acq: 21 Jan 2020 17:10

Tgt Ion:	45	Resp:	386784
Ion	Ratio	Lower	Upper
45	100		
43	57.4	49.2	73.8
87	27.3	21.4	32.2
59	11.6	9.3	13.9





#23

Vinyl Acetate

Concen: 264.947 ug/l

RT: 6.09 min Scan# 714

Delta R.T. -0.01 min

Lab File: VY001326.D

Acq: 21 Jan 2020 17:10

Instrument :

MSVOA_Y

ClientSampleId :

ICVY012120

Tot Ion: 43 Resp: 1258422

Ion Ratio Lower Upper

43 100

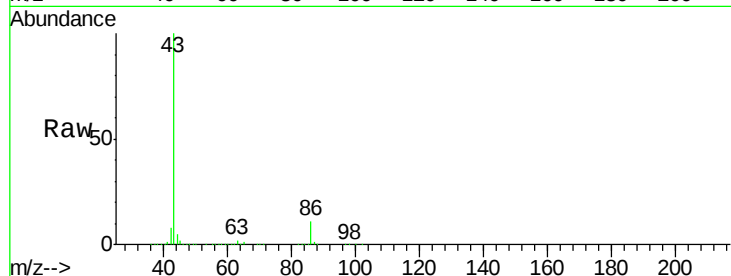
86 10.6 8.6 13.0

Manual Integrations

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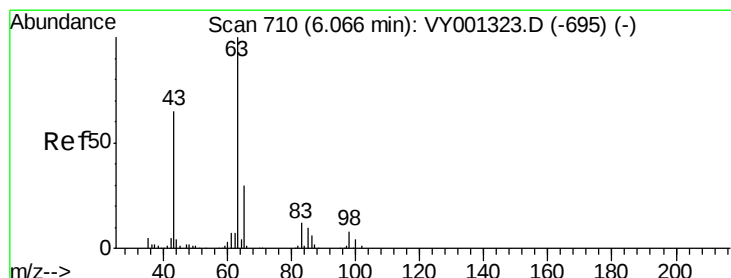
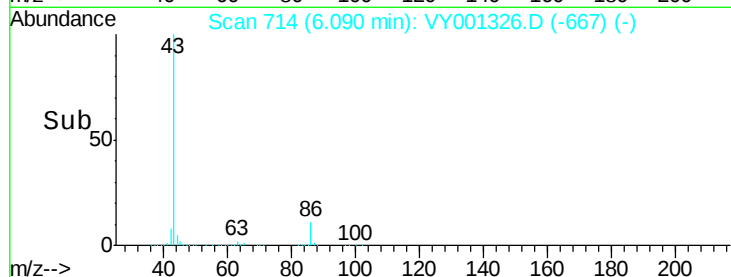
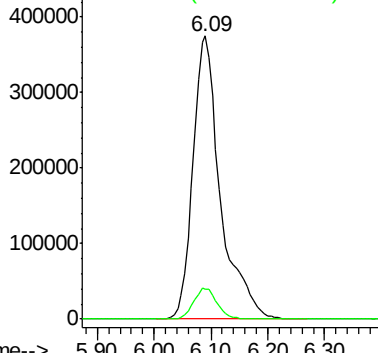
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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 52.252 ug/l

RT: 6.05 min Scan# 707

Delta R.T. -0.02 min

Lab File: VY001326.D

Acq: 21 Jan 2020 17:10

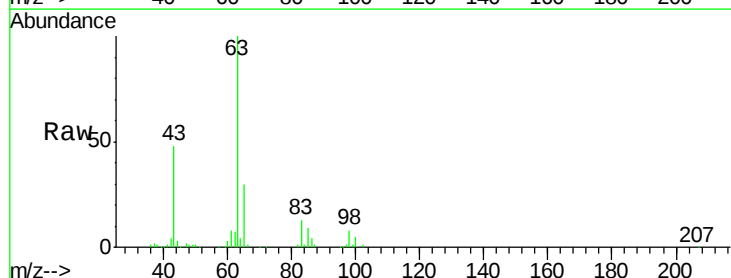
Tgt Ion: 63 Resp: 201501

Ion Ratio Lower Upper

63 100

98 7.6 4.0 12.0

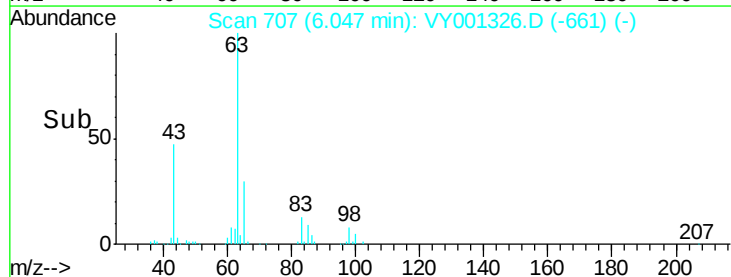
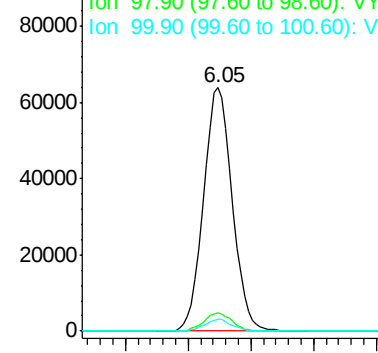
100 4.7 2.1 6.3

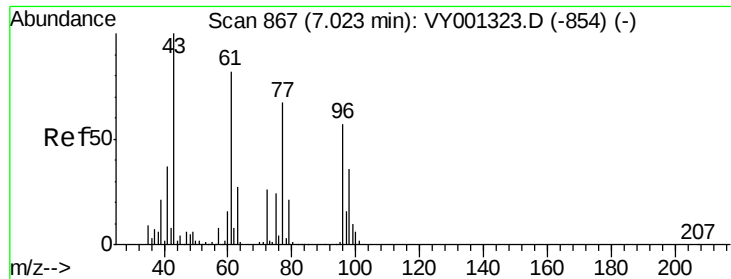


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 252.168 ug/l

RT: 7.01 min Scan# 865

Delta R.T. -0.01 min

Lab File: VY001326.D

Acq: 21 Jan 2020 17:10

Instrument :

MSVOA_Y

ClientSampleId :

ICVY012120

Tot Ion: 43 Resp: 217322

Ion Ratio Lower Upper

43 100

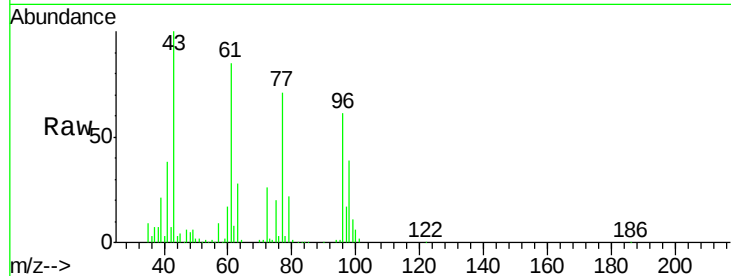
72 25.7 20.6 31.0

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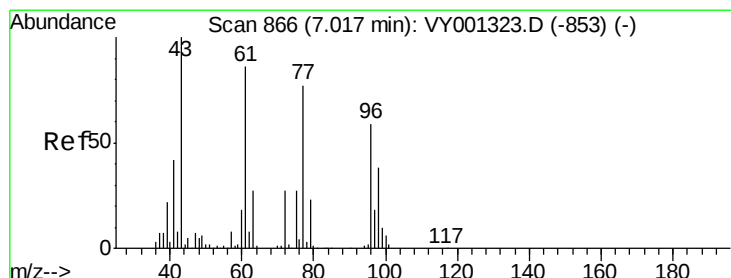
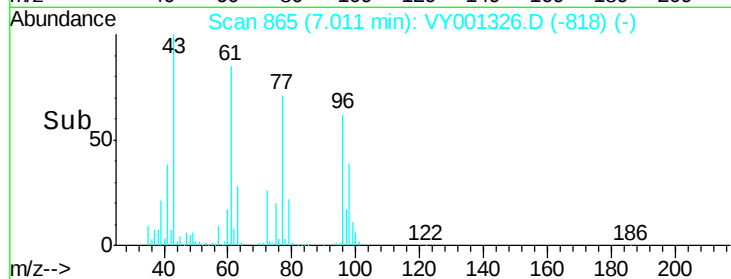
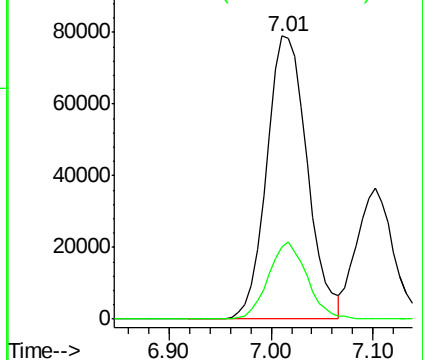
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 49.400 ug/l

RT: 7.01 min Scan# 865

Delta R.T. -0.01 min

Lab File: VY001326.D

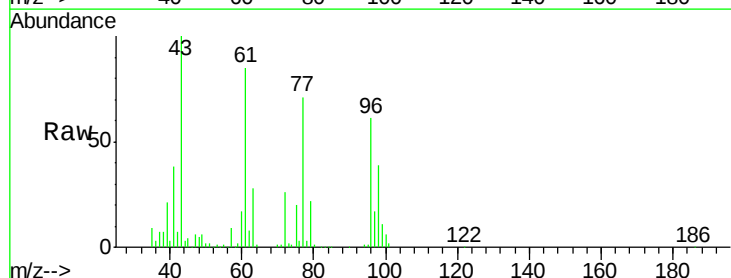
Acq: 21 Jan 2020 17:10

Tgt Ion: 77 Resp: 169689

Ion Ratio Lower Upper

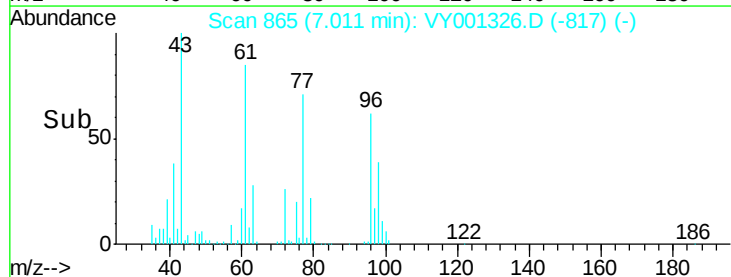
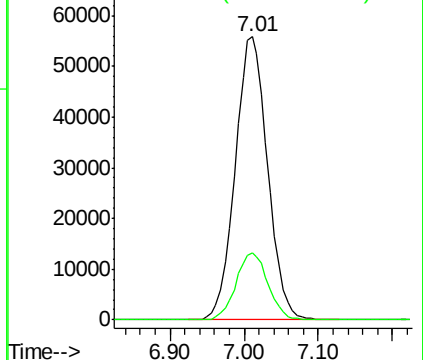
77 100

97 23.5 11.9 35.5



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0





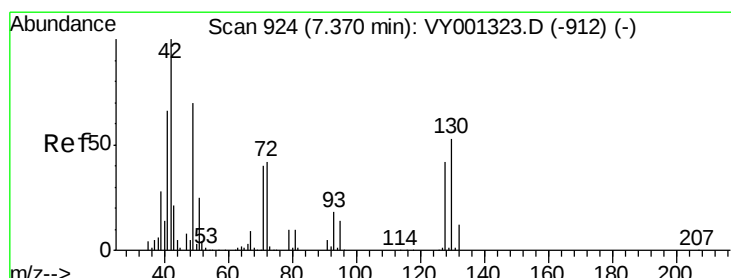
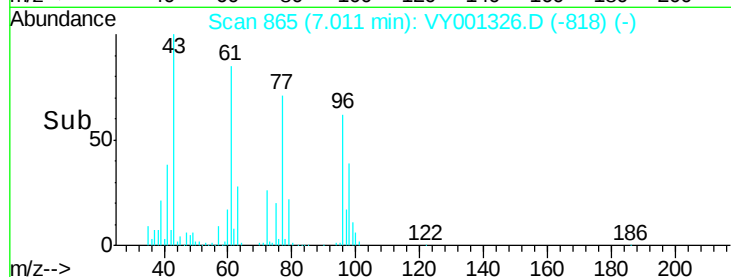
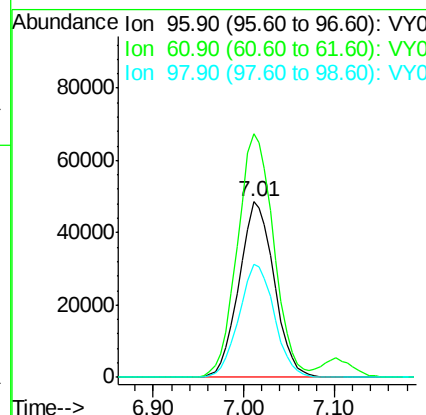
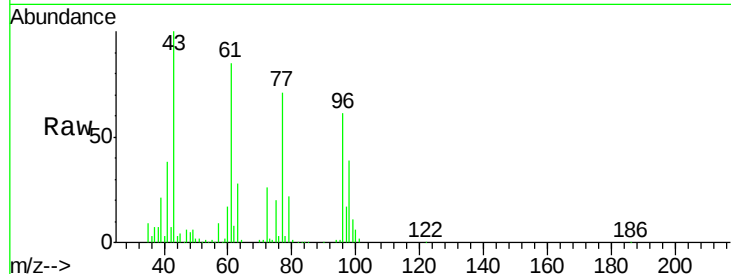
#27
 cis-1,2-Dichloroethene
 Concen: 52.085 ug/l
 RT: 7.01 min Scan# 865
 Delta R.T. -0.01 min
 Lab File: VY001326.D
 Acq: 21 Jan 2020 17:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY012120

Tot Ion	Ratio	Resp	Lower	Upper
96	100	130635		
61	143.3	0.0	284.8	
98	64.8	0.0	128.4	

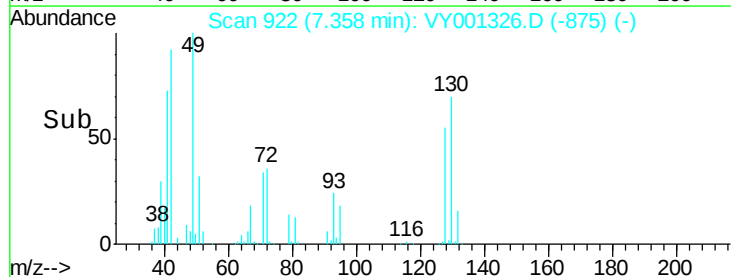
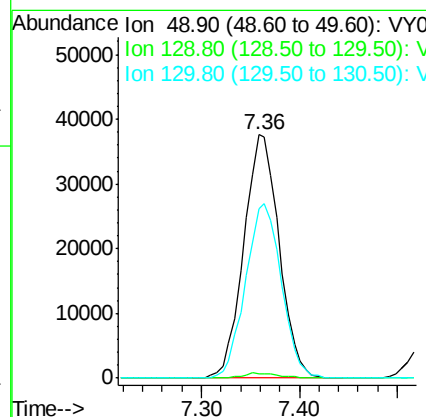
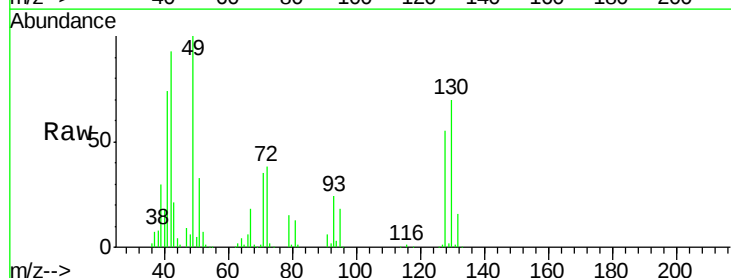
Manual Integrations
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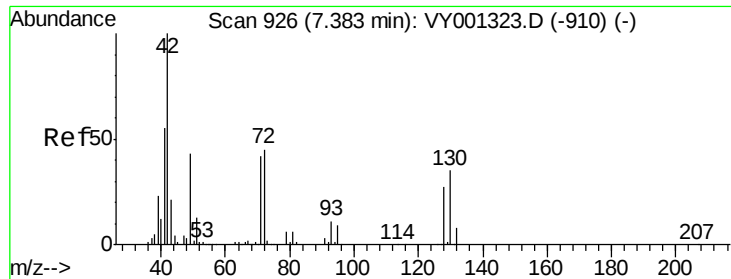
MMDadoda
 1/22/2020 10:50:01 AM



#28
 Bromochloromethane
 Concen: 59.358 ug/l
 RT: 7.36 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: VY001326.D
 Acq: 21 Jan 2020 17:10

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	94399		
129	1.9	0.0	4.0	
130	72.6	58.9	88.3	





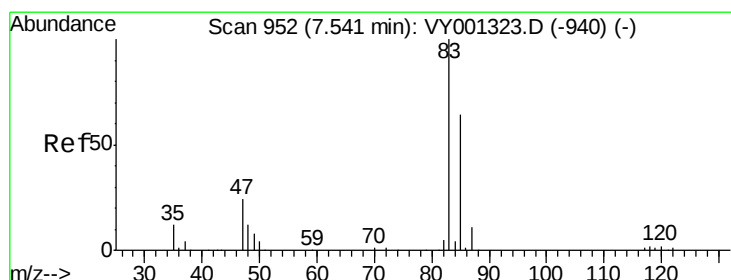
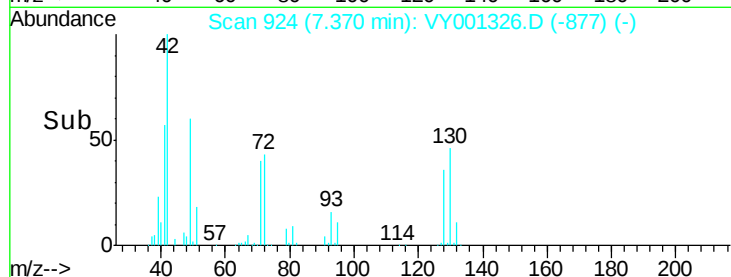
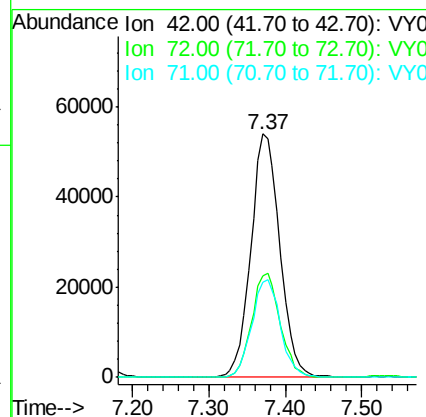
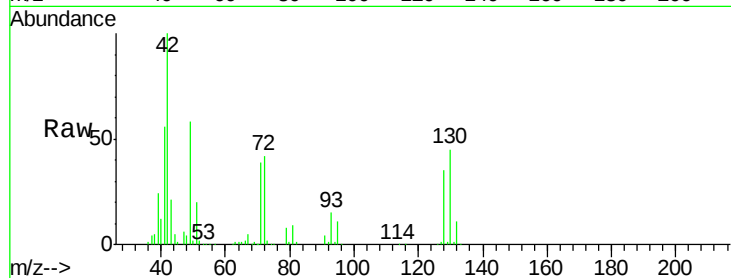
#29
Tetrahydrofuran
Concen: 254.547 ug/l
RT: 7.37 min Scan# 924
Delta R.T. -0.01 min
Lab File: VY001326.D
Acq: 21 Jan 2020 17:10

Instrument :
MSVOA_Y
ClientSampleId :
ICVY012120

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.9	34.6	51.8
71	39.7	32.6	48.8

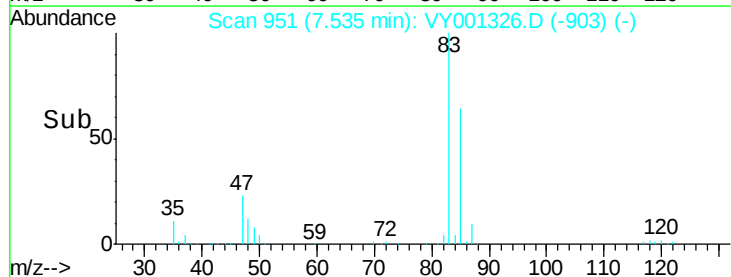
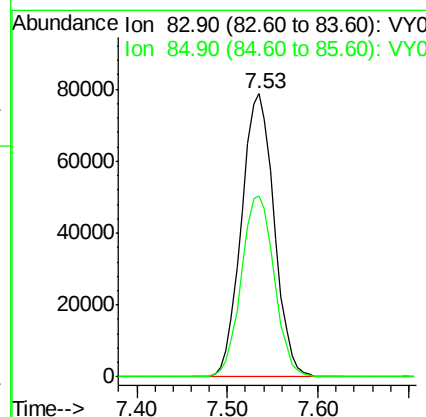
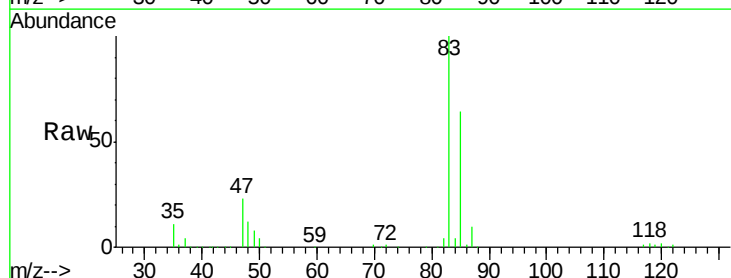
Manual Integrations
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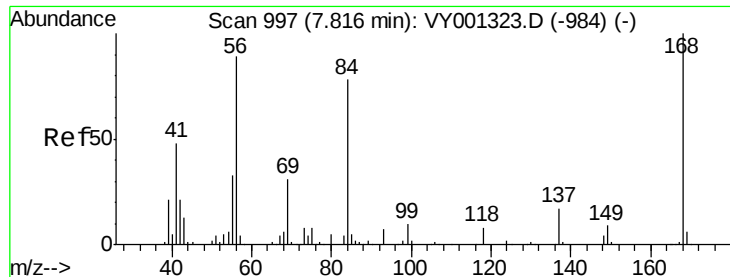
MMDadoda
1/22/2020 10:50:01 AM



#30
Chloroform
Concen: 51.990 ug/l
RT: 7.53 min Scan# 951
Delta R.T. -0.01 min
Lab File: VY001326.D
Acq: 21 Jan 2020 17:10

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.9	51.5	77.3





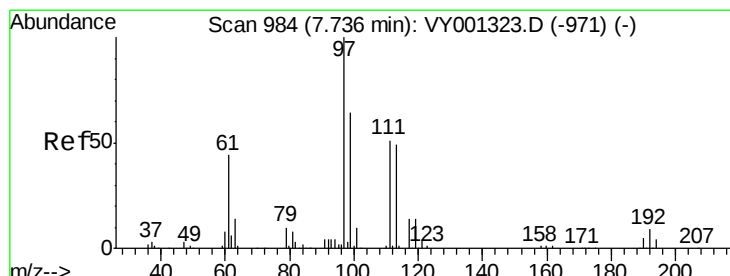
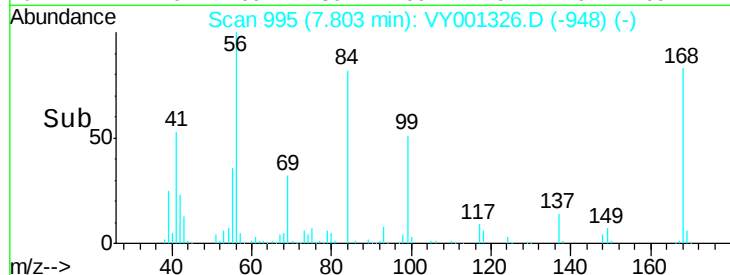
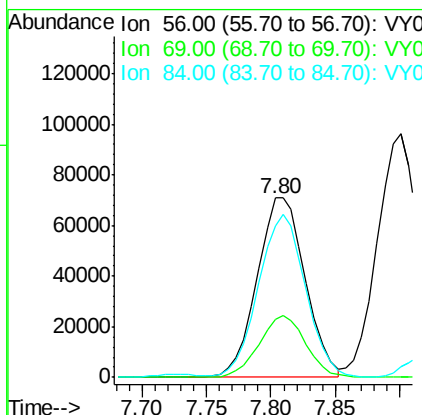
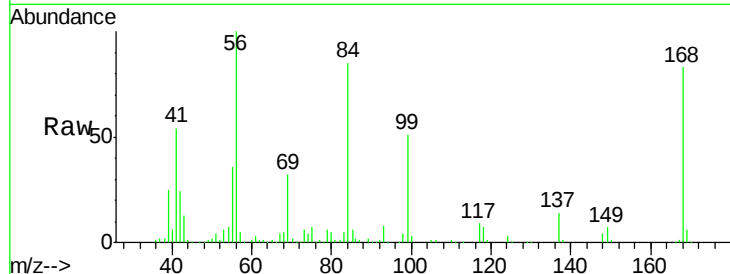
#31
Cyclohexane
Concen: 47.884 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.01 min
Lab File: VY001326.D
Acq: 21 Jan 2020 17:10

Instrument :
MSVOA_Y
ClientSampleId :
ICVY012120

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.5	27.6	41.4
84	83.2	69.7	104.5

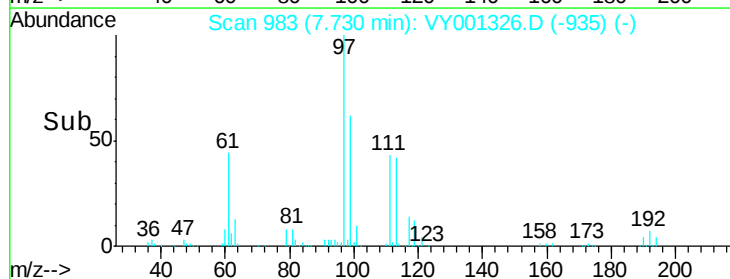
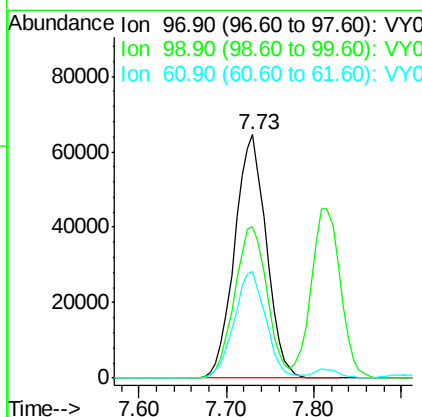
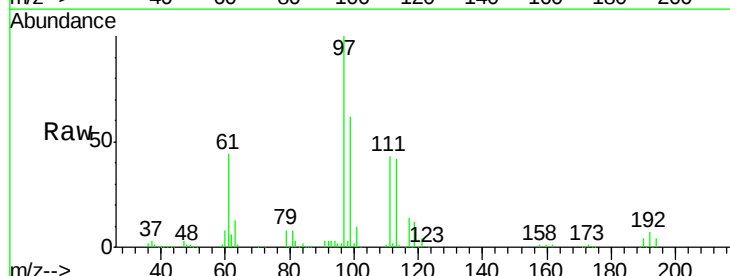
Manual Integrations
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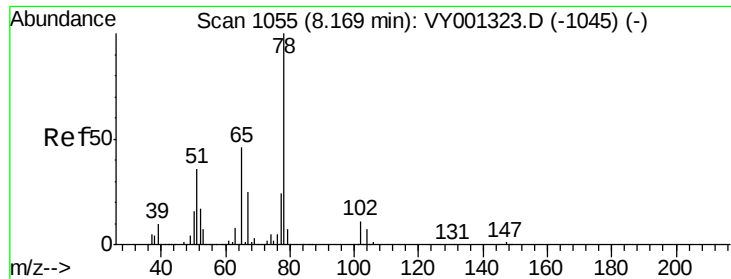
MMDadoda
1/22/2020 10:50:01 AM



#32
1,1,1-Trichloroethane
Concen: 50.975 ug/l
RT: 7.73 min Scan# 983
Delta R.T. -0.01 min
Lab File: VY001326.D
Acq: 21 Jan 2020 17:10

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.3	76.9
61	44.0	35.9	53.9





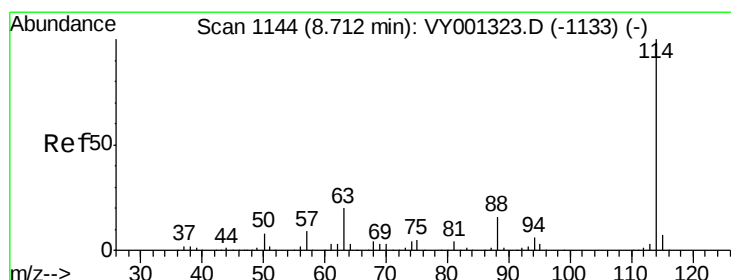
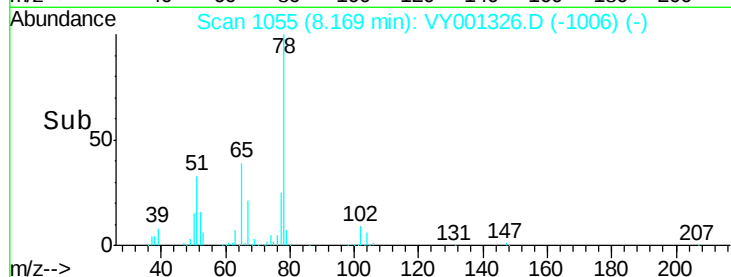
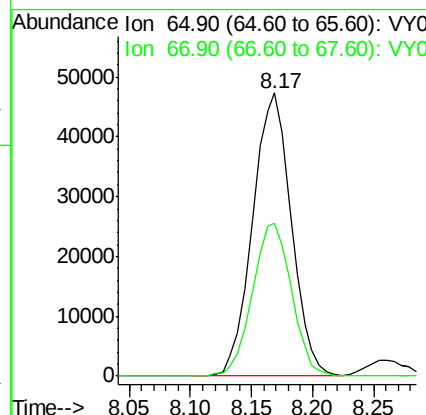
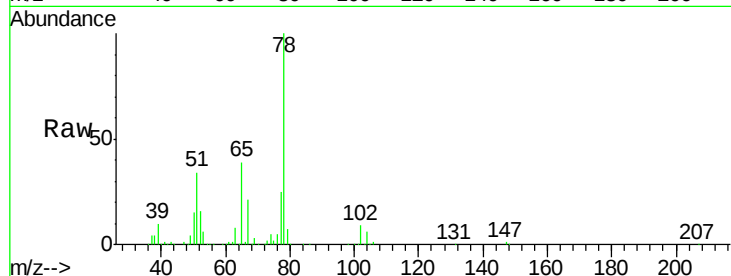
#33
 1,2-Dichloroethane-d4
 Concen: 52.566 ug/l
 RT: 8.17 min Scan# 1055
 Delta R.T. -0.00 min
 Lab File: VY001326.D
 Acq: 21 Jan 2020 17:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY012120

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.6	0.0	108.6

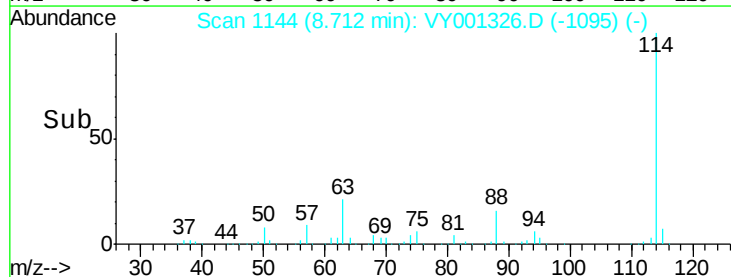
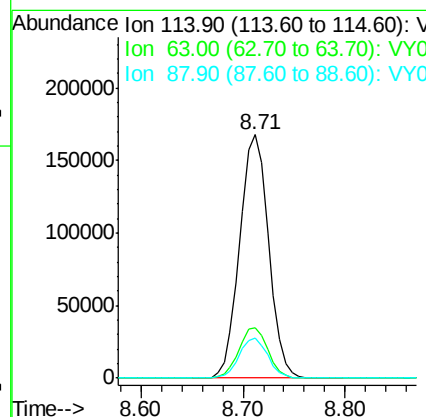
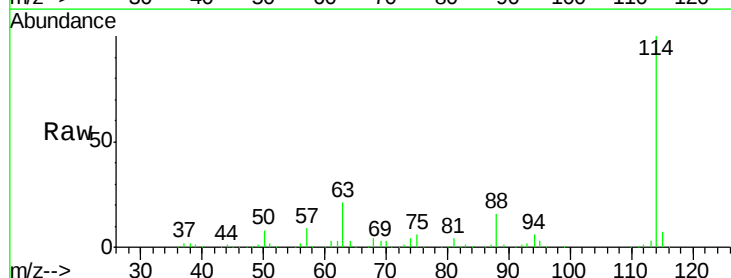
Manual Integrations
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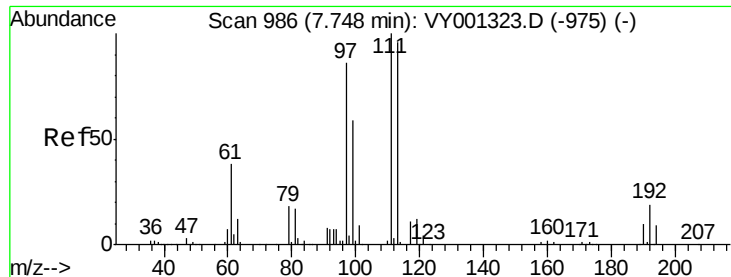
MMDadoda
 1/22/2020 10:50:01 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. -0.00 min
 Lab File: VY001326.D
 Acq: 21 Jan 2020 17:10

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	40.8
88	16.3	0.0	31.0





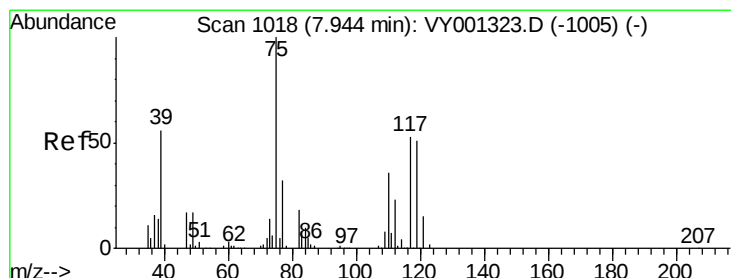
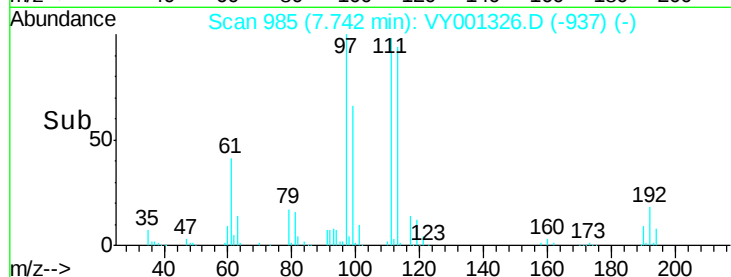
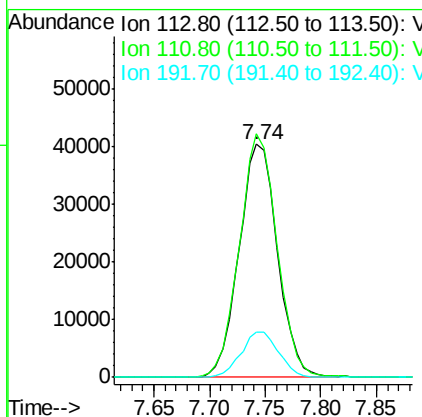
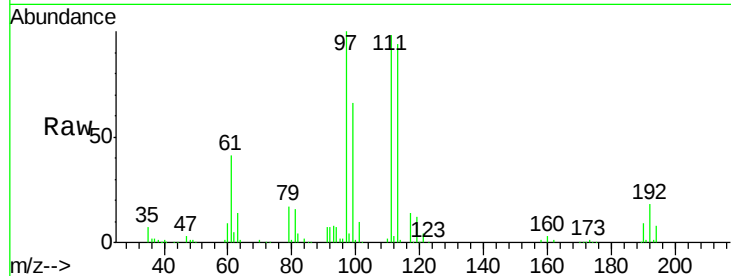
#35
 Dibromofluoromethane
 Concen: 50.290 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: VY001326.D
 Acq: 21 Jan 2020 17:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY012120

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.8	124.2
192	19.0	15.5	23.3

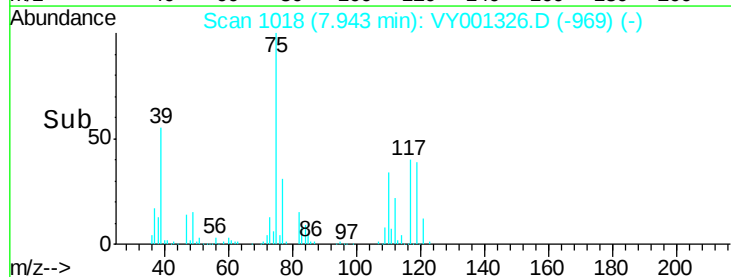
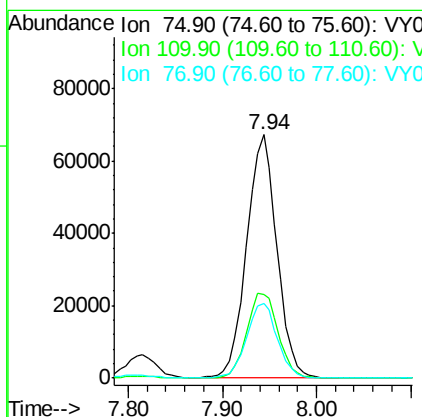
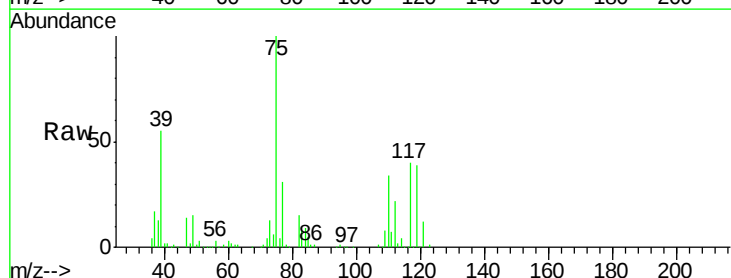
Manual Integrations
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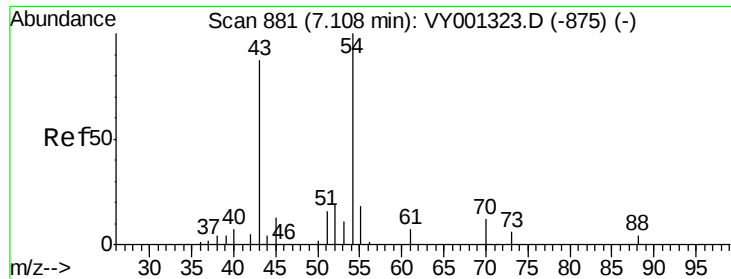
MMDadoda
 1/22/2020 10:50:01 AM



#36
 1,1-Dichloropropene
 Concen: 48.713 ug/l
 RT: 7.94 min Scan# 1018
 Delta R.T. -0.00 min
 Lab File: VY001326.D
 Acq: 21 Jan 2020 17:10

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.2	17.6	52.8
77	31.4	24.7	37.1





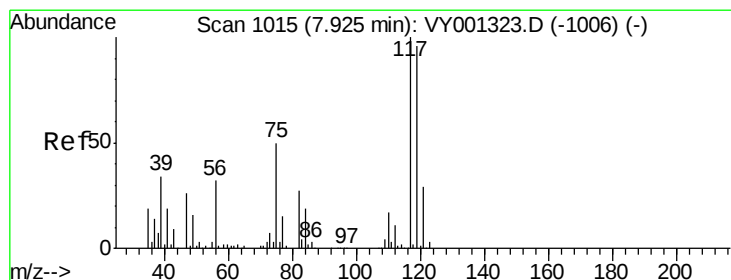
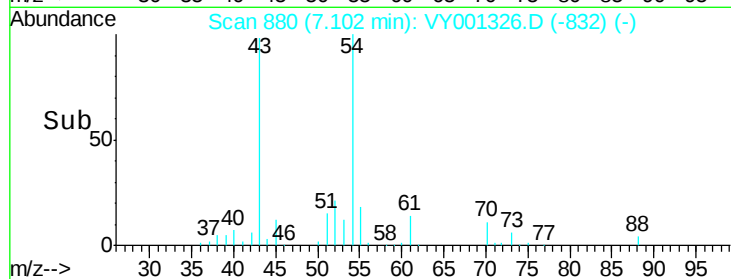
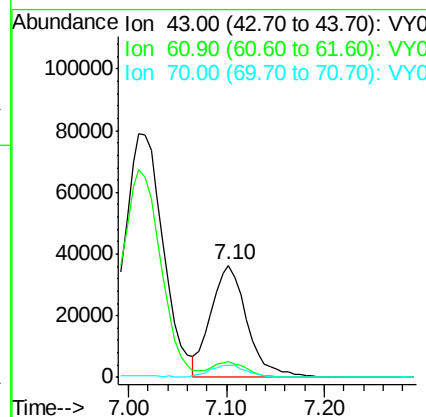
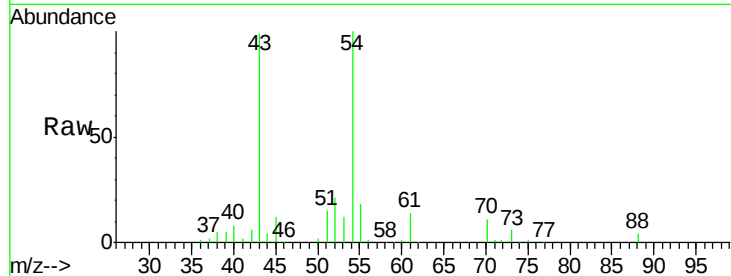
#37
Ethyl Acetate
Concen: 48.883 ug/l
RT: 7.10 min Scan# 880
Delta R.T. -0.01 min
Lab File: VY001326.D
Acq: 21 Jan 2020 17:10

Instrument :
MSVOA_Y
ClientSampleId :
ICVY012120

Tot Ion: 43 Resp: 92886
Ion Ratio Lower Upper
43 100
61 13.8 11.3 16.9
70 11.0 8.7 13.1

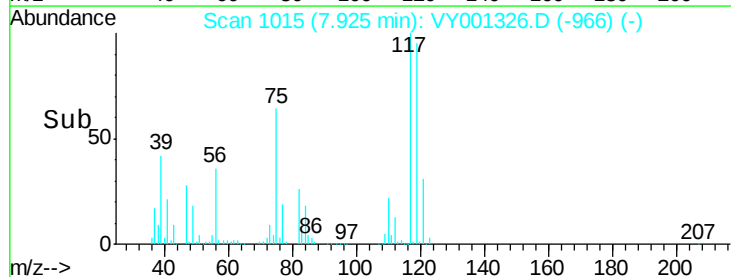
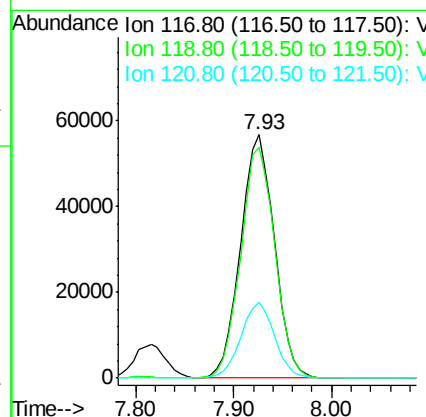
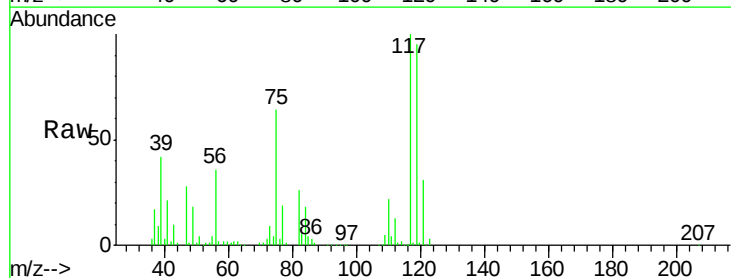
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#38
Carbon Tetrachloride
Concen: 49.296 ug/l
RT: 7.93 min Scan# 1015
Delta R.T. -0.00 min
Lab File: VY001326.D
Acq: 21 Jan 2020 17:10

Tgt Ion: 117 Resp: 136637
Ion Ratio Lower Upper
117 100
119 95.0 76.3 114.5
121 31.1 23.5 35.3





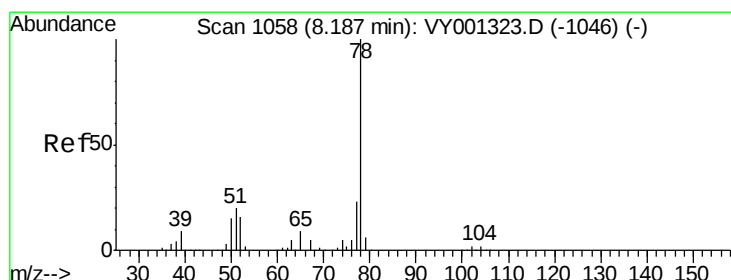
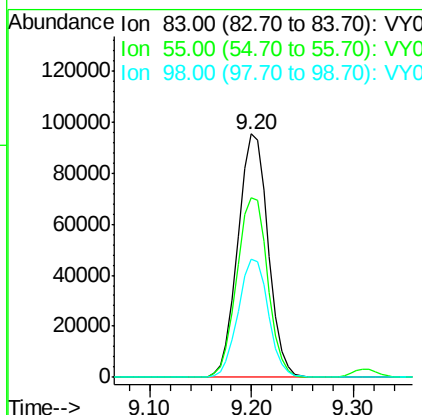
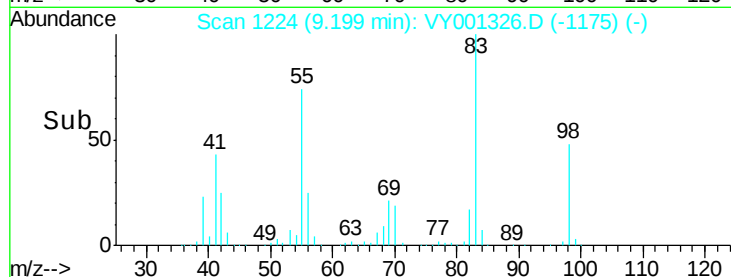
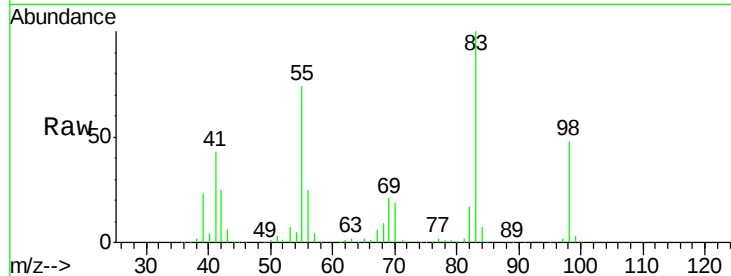
#39
Methvlcvclohexane
Concen: 49.222 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. -0.00 min
Lab File: VY001326.D
Acq: 21 Jan 2020 17:10

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY012120

Tot Ion	83	Resp	196108
Ion Ratio	100	Lower	Upper
83	100		
55	73.7	60.7	91.1
98	48.3	37.8	56.8

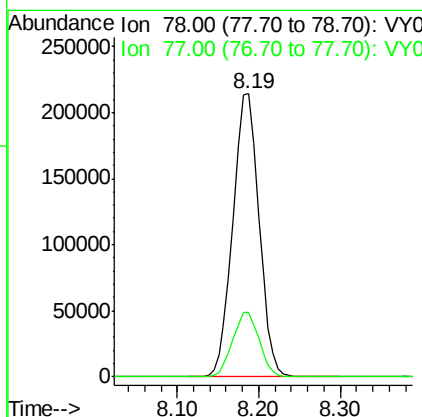
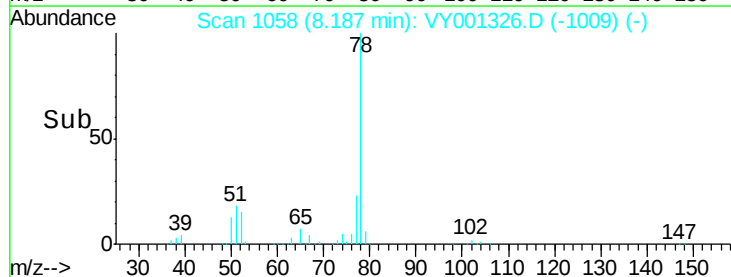
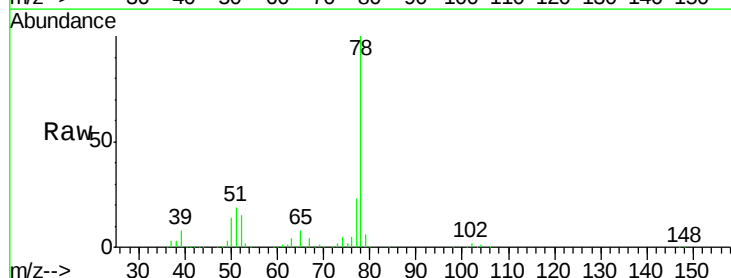
Manual Integrations
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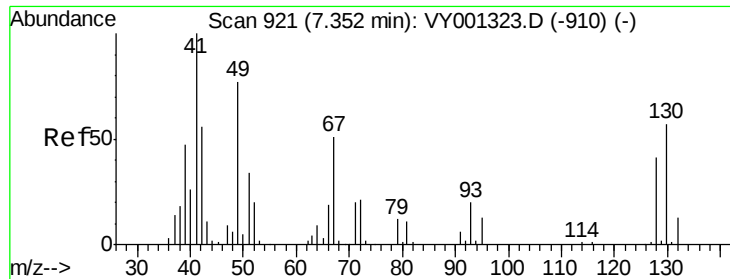
MMDadoda
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#40
Benzene
Concen: 50.809 ug/l
RT: 8.19 min Scan# 1058
Delta R.T. -0.00 min
Lab File: VY001326.D
Acq: 21 Jan 2020 17:10

Tgt Ion	78	Resp	473812
Ion Ratio	100	Lower	Upper
78	100		
77	22.8	18.6	27.8





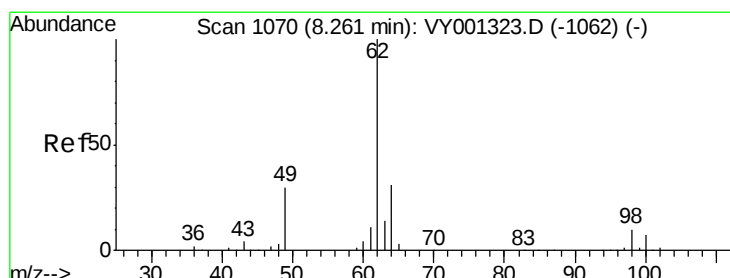
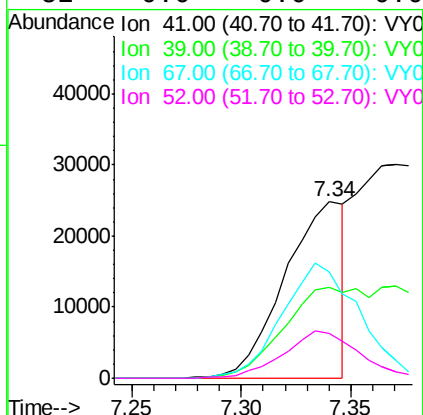
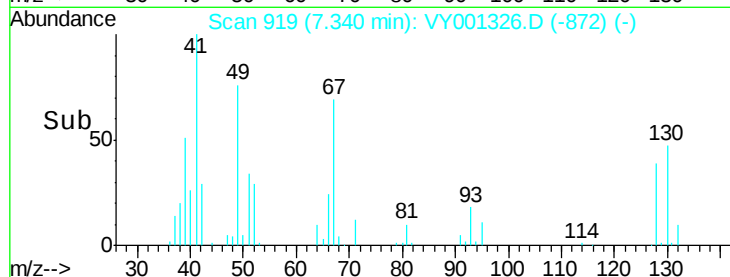
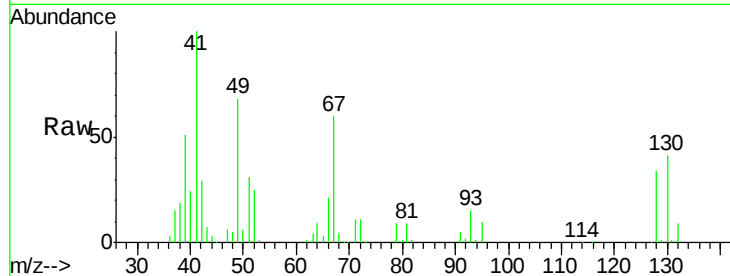
#41
Methacrylonitrile
Concen: 48.503 ug/l m
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY001326.D
Acq: 21 Jan 2020 17:10

Instrument :
MSVOA_Y
ClientSampleId :
ICVY012120

Tot Ion	41	Resp	47560
Ion Ratio	Lower	Upper	
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

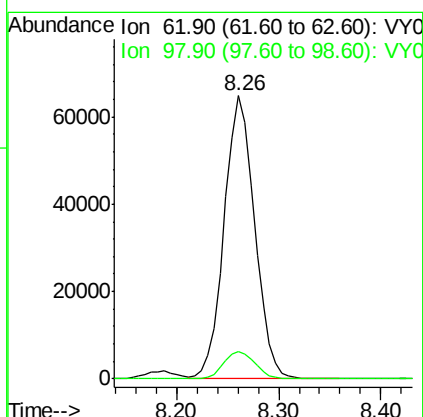
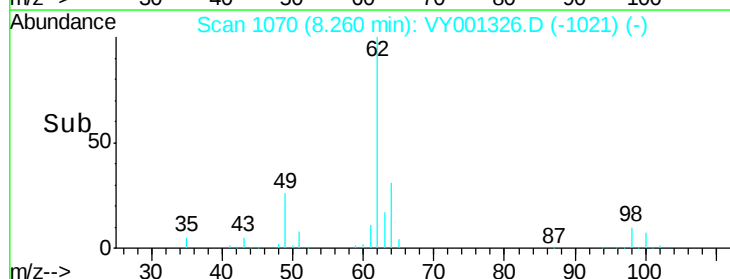
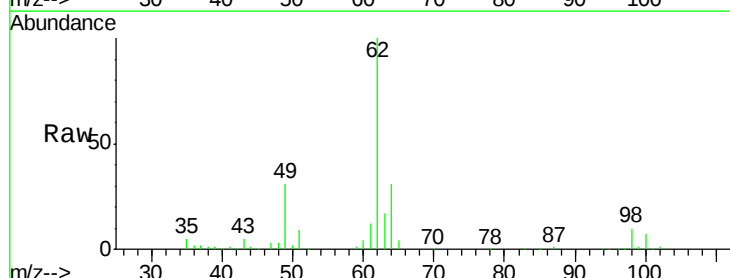
Manual Integrations
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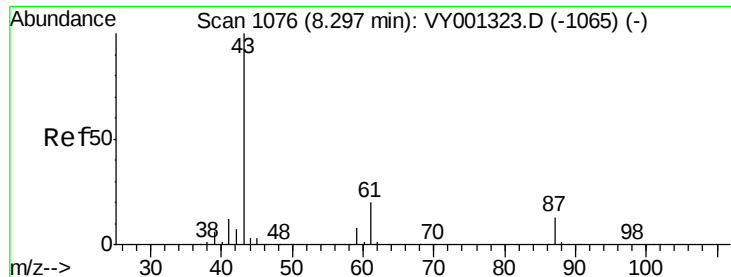
MMDadoda
1/22/2020 10:50:01 AM



#42
1,2-Dichloroethane
Concen: 51.649 ug/l
RT: 8.26 min Scan# 1070
Delta R.T. -0.00 min
Lab File: VY001326.D
Acq: 21 Jan 2020 17:10

Tgt Ion	62	Resp	134580
Ion Ratio	Lower	Upper	
62	100		
98	10.1	0.0	20.8





#43

Isopropyl Acetate

Concen: 49.829 ug/l

RT: 8.29 min Scan# 1075

Delta R.T. -0.01 min

Lab File: VY001326.D

Acq: 21 Jan 2020 17:10

Instrument :

MSVOA_Y

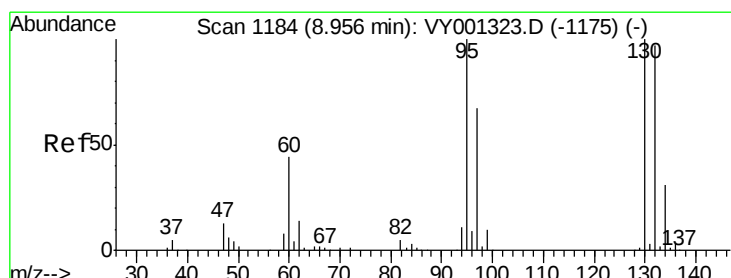
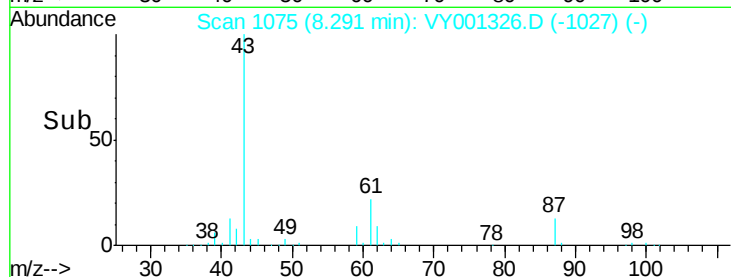
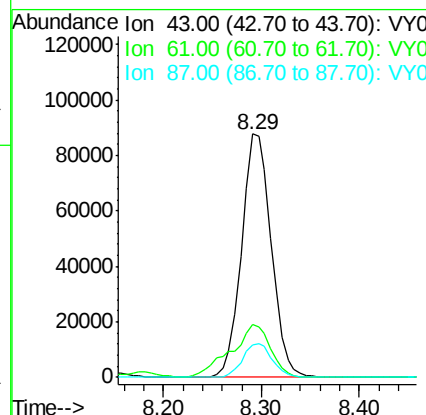
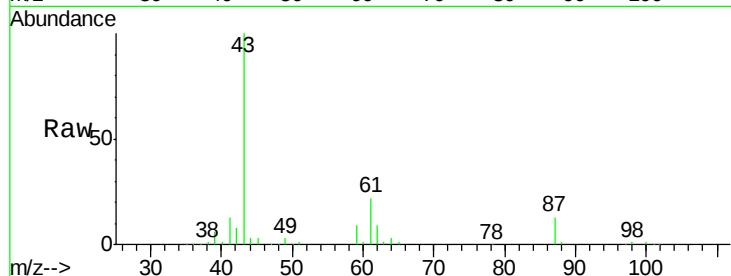
ClientSampleId :

ICVY012120

Tot Ion:	43	Resp:	184108
Ion	Ratio	Lower	Upper
43	100		
61	29.1	22.7	34.1
87	13.9	11.0	16.4

Manual Integrations
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#44

Trichloroethene

Concen: 49.672 ug/l

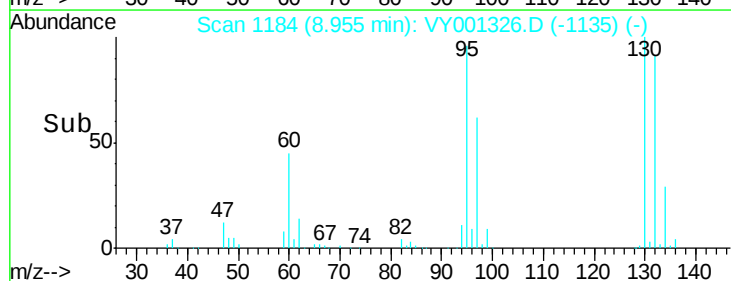
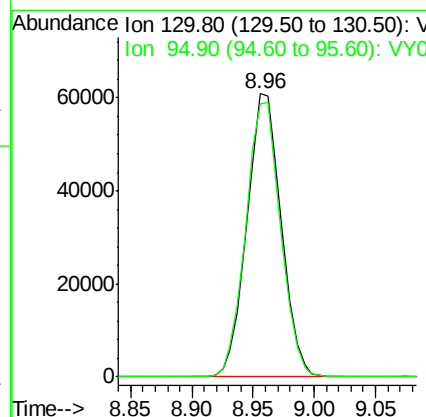
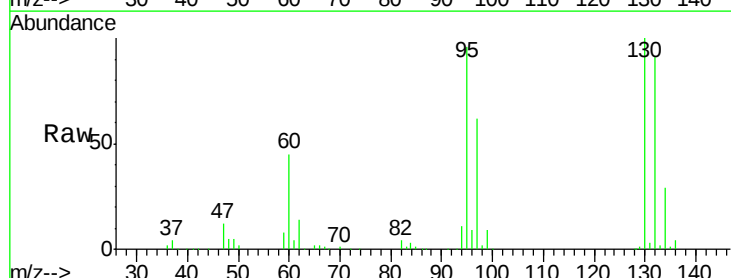
RT: 8.96 min Scan# 1184

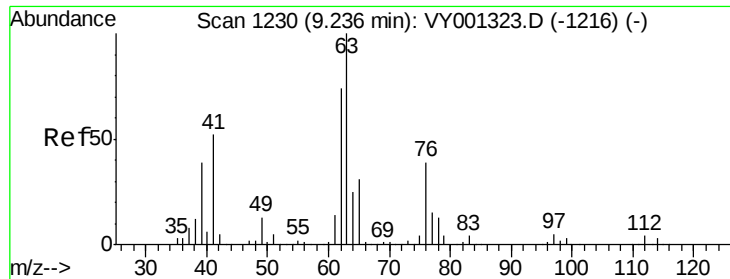
Delta R.T. -0.00 min

Lab File: VY001326.D

Acq: 21 Jan 2020 17:10

Tgt Ion:	130	Resp:	118865
Ion	Ratio	Lower	Upper
130	100		
95	96.4	0.0	200.0





#45

1,2-Dichloropropane

Concen: 51.576 ug/l

RT: 9.24 min Scan# 1230

Delta R.T. -0.00 min

Lab File: VY001326.D

Acq: 21 Jan 2020 17:10

Instrument :

MSVOA_Y

ClientSampleId :

ICVY012120

Tot Ion: 63 Resp: 121584

Ion Ratio Lower Upper

63 100

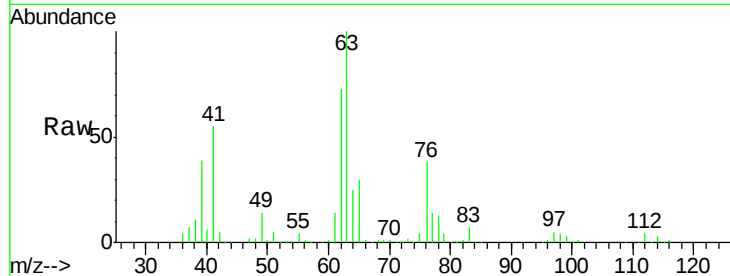
65 29.9 24.9 37.3

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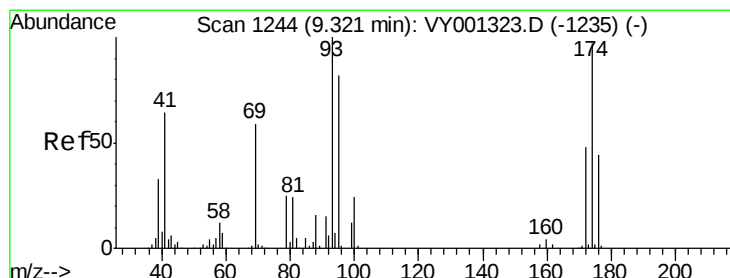
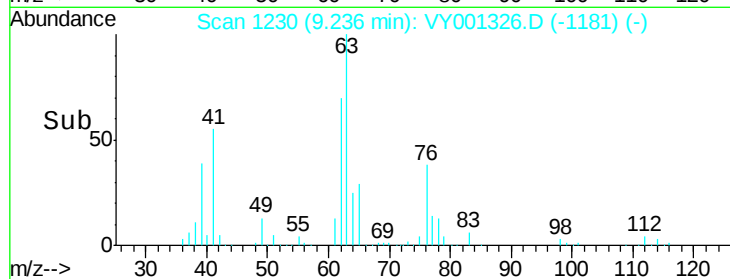
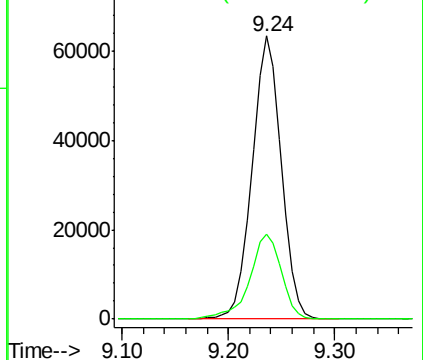
MMDadoda

1/22/2020 10:50:01 AM



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 51.146 ug/l

RT: 9.32 min Scan# 1244

Delta R.T. -0.00 min

Lab File: VY001326.D

Acq: 21 Jan 2020 17:10

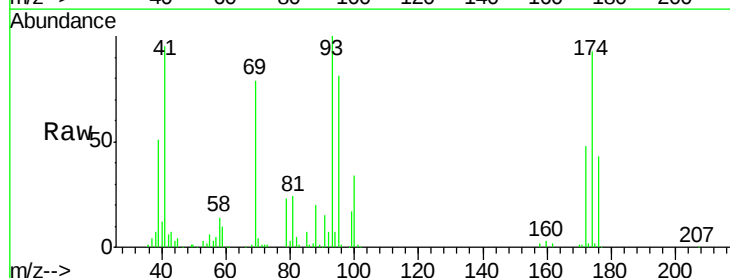
Tgt Ion: 93 Resp: 64729

Ion Ratio Lower Upper

93 100

95 82.9 66.5 99.7

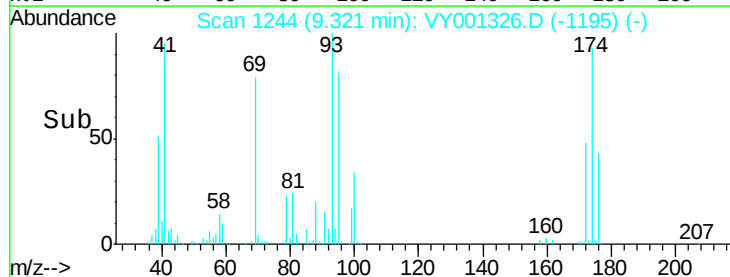
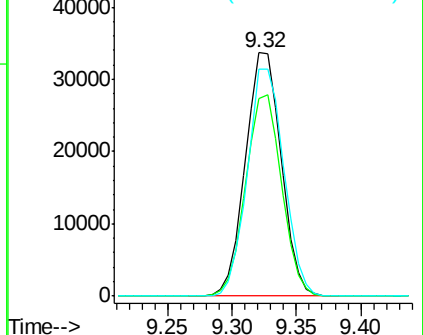
174 95.3 77.9 116.9

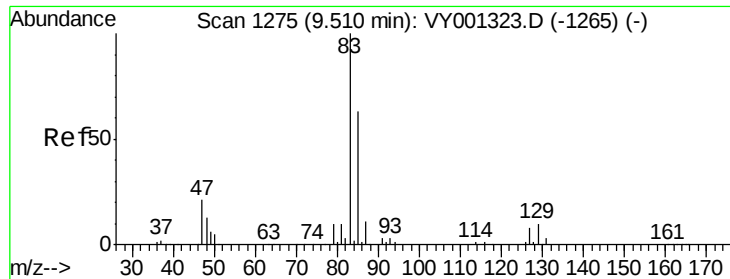


Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): VY0





#47

Bromodichloromethane

Concen: 51.455 ug/l

RT: 9.52 min Scan# 1276

Delta R.T. 0.01 min

Lab File: VY001326.D

Acq: 21 Jan 2020 17:10

Instrument :

MSVOA_Y

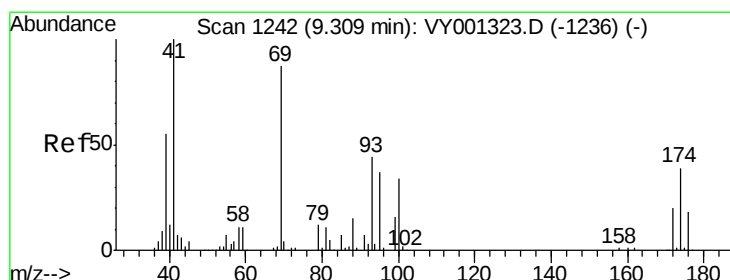
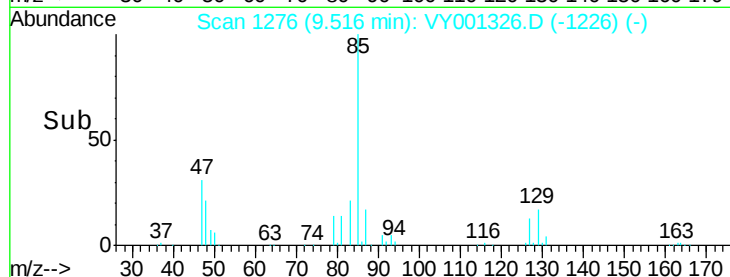
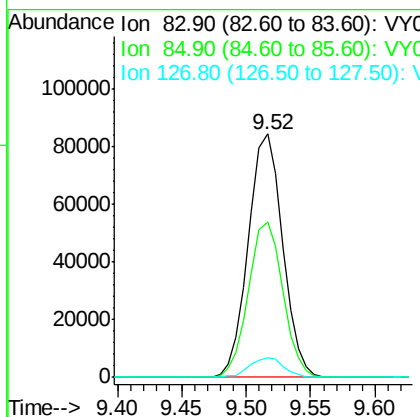
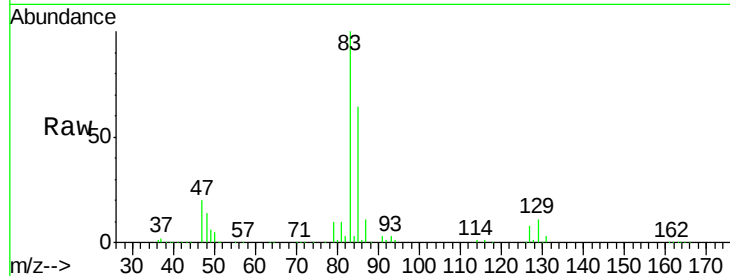
ClientSampleId :

ICVY012120

Tot Ion:	83	Resp:	155671
Ion Ratio	Lower	Upper	
83	100		
85	63.9	50.2	75.2
127	8.1	6.4	9.6

Manual Integrations
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MMDadoda
1/22/2020 10:50:01 AM



#48

Methyl methacrylate

Concen: 50.791 ug/l

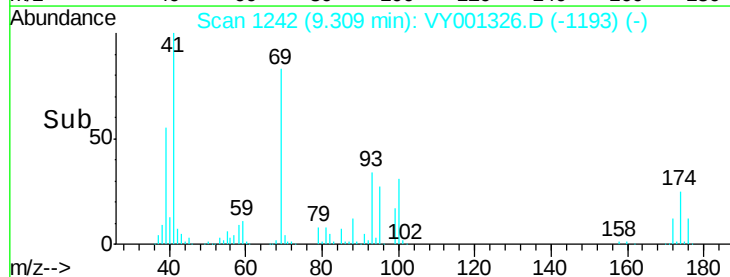
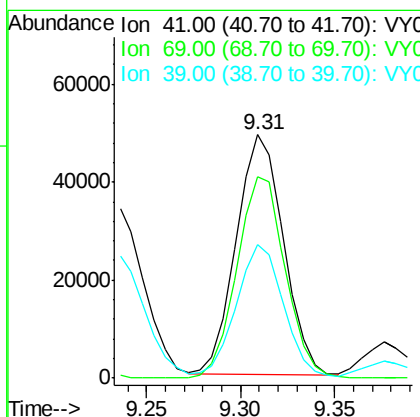
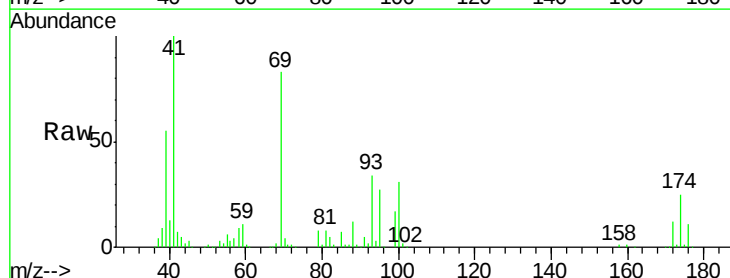
RT: 9.31 min Scan# 1242

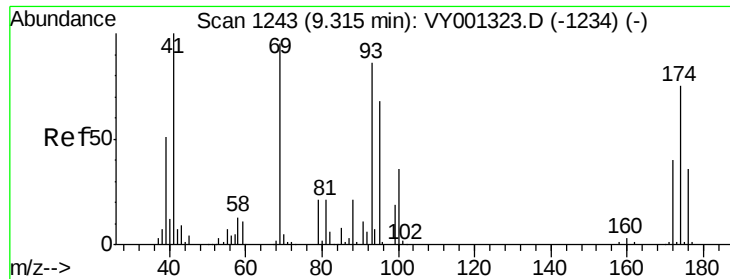
Delta R.T. -0.00 min

Lab File: VY001326.D

Acq: 21 Jan 2020 17:10

Tgt Ion:	41	Resp:	85313
Ion Ratio	Lower	Upper	
41	100		
69	85.7	70.2	105.4
39	56.2	45.7	68.5





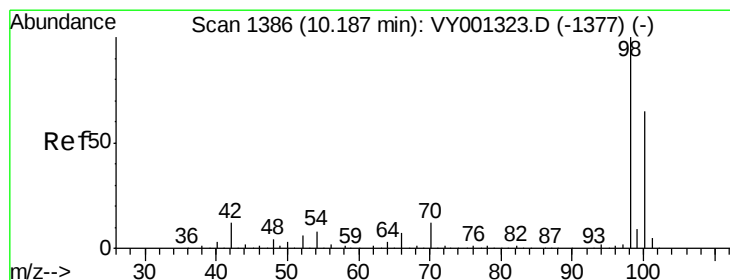
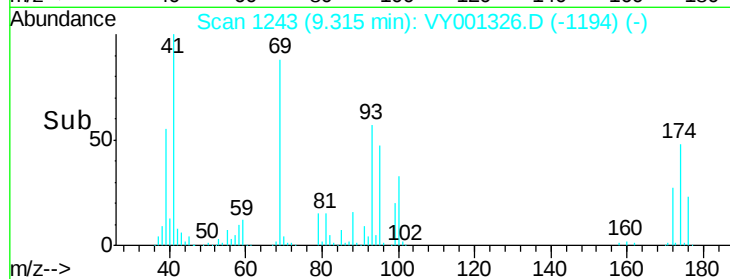
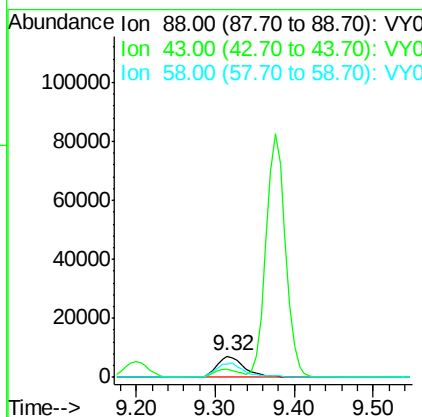
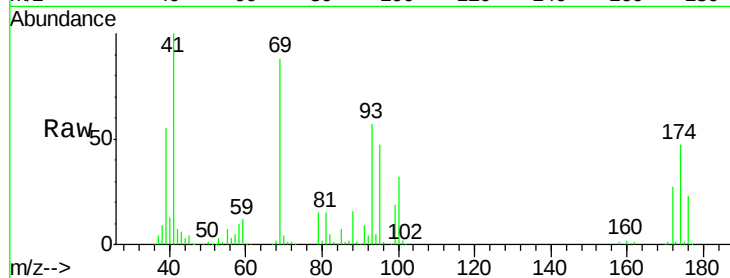
#49
 1,4-Dioxane
 Concen: 1002.913 ug/l
 RT: 9.32 min Scan# 1243
 Delta R.T. -0.00 min
 Lab File: VY001326.D
 Acq: 21 Jan 2020 17:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY012120

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.1	28.2	42.2
58	71.1	55.6	83.4

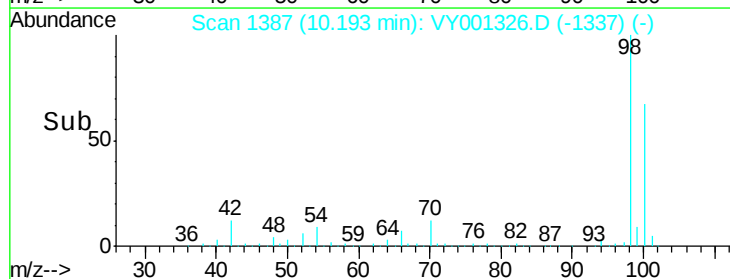
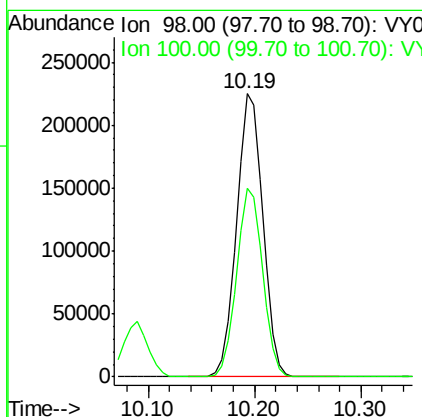
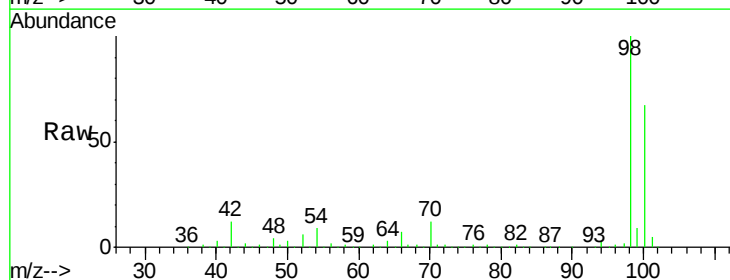
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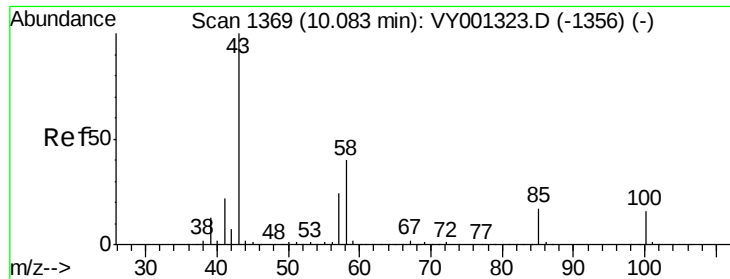
MMDadoda
 1/22/2020 10:50:01 AM



#50
 Toluene-d8
 Concen: 52.022 ug/l
 RT: 10.19 min Scan# 1387
 Delta R.T. 0.01 min
 Lab File: VY001326.D
 Acq: 21 Jan 2020 17:10

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.1	52.6	79.0





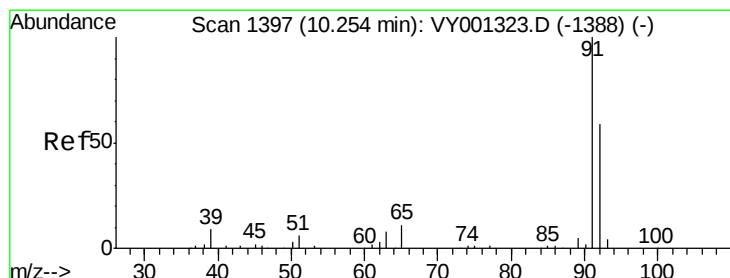
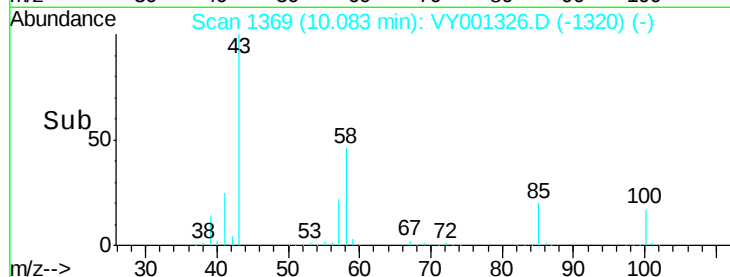
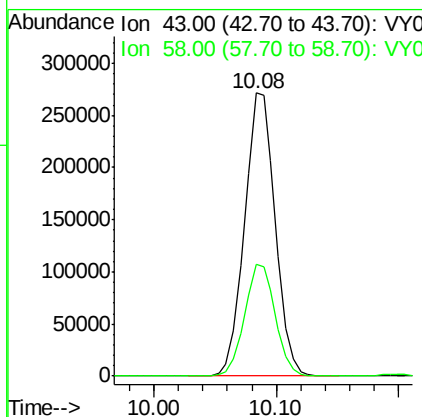
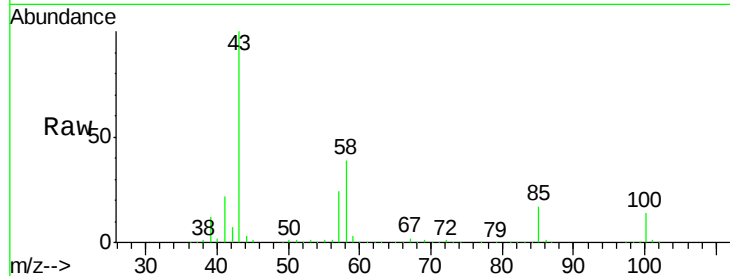
#51
4-Methyl-2-Pentanone
Concen: 248.432 ug/l
RT: 10.08 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VY001326.D
Acq: 21 Jan 2020 17:10

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY012120

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.4	31.5	47.3

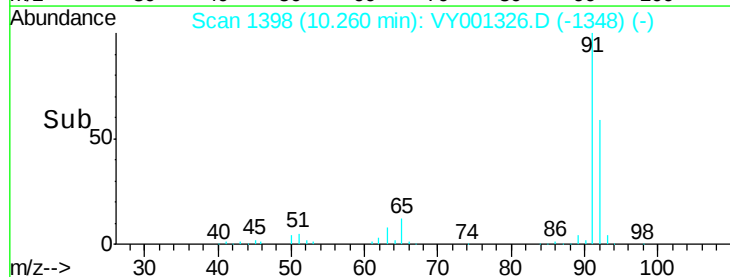
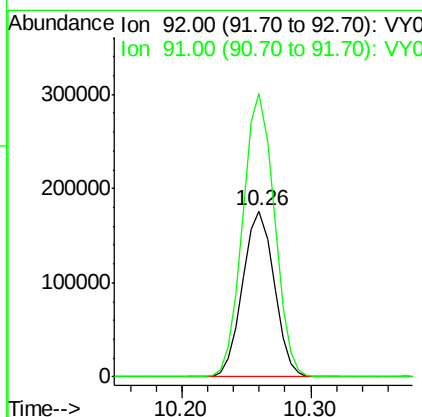
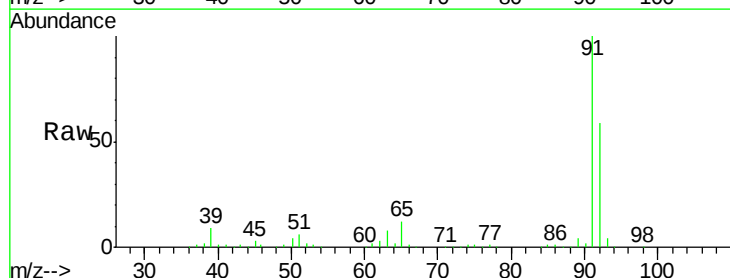
Manual Integrations
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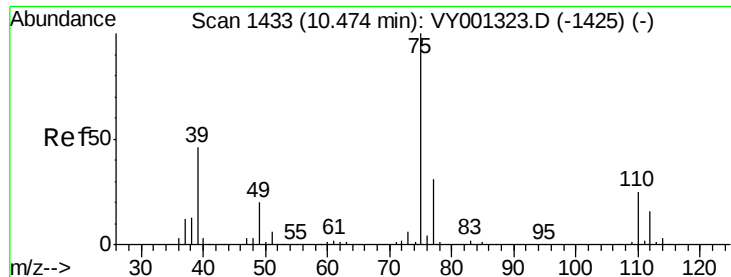
MMDadoda
1/22/2020 10:50:01 AM



#52
Toluene
Concen: 50.365 ug/l
RT: 10.26 min Scan# 1398
Delta R.T. 0.01 min
Lab File: VY001326.D
Acq: 21 Jan 2020 17:10

Tgt Ion	Ratio	Lower	Upper
92	100		
91	171.6	136.4	204.6





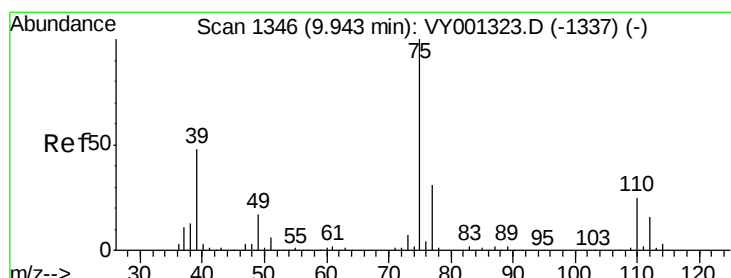
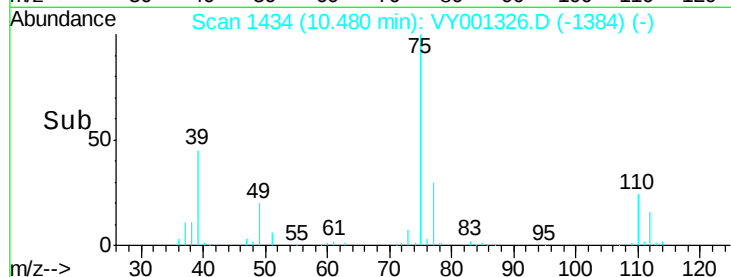
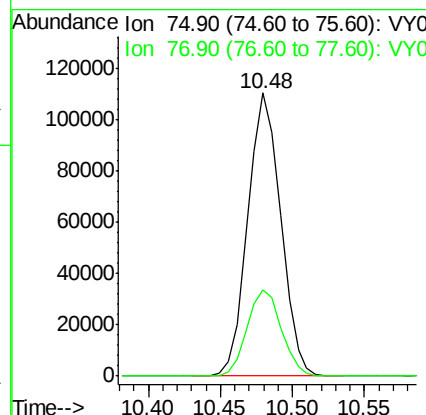
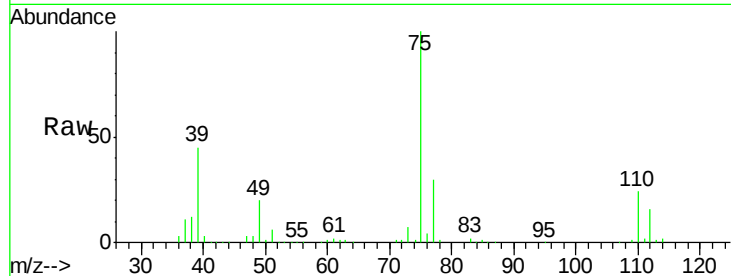
#53
t-1,3-Dichloropropene
Concen: 52.169 ug/l
RT: 10.48 min Scan# 1434
Delta R.T. 0.01 min
Lab File: VY001326.D
Acq: 21 Jan 2020 17:10

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY012120

Tot Ion: 75 Resp: 174941
Ion Ratio Lower Upper
75 100
77 30.4 25.2 37.8

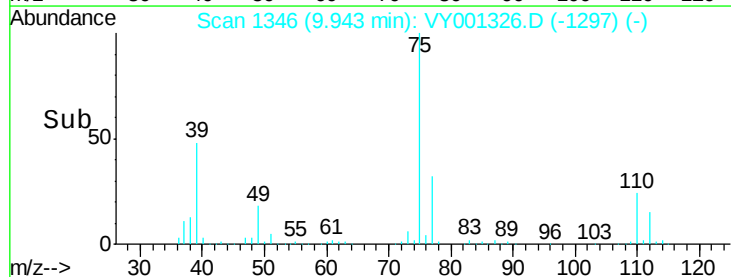
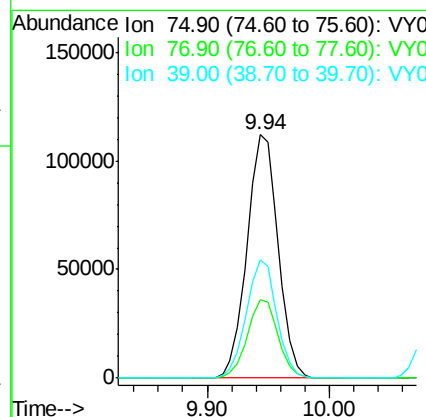
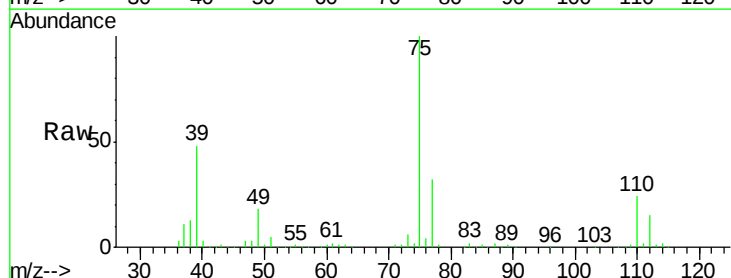
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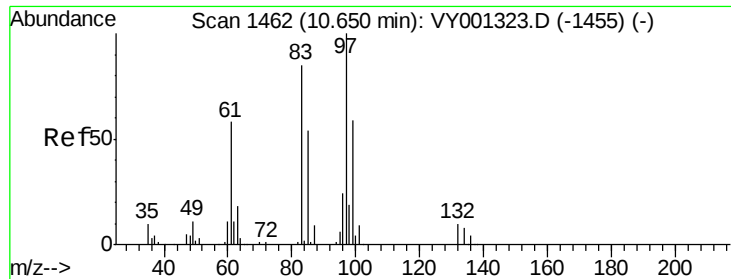
MMDadoda
1/22/2020 10:50:01 AM



#54
cis-1,3-Dichloropropene
Concen: 51.323 ug/l
RT: 9.94 min Scan# 1346
Delta R.T. -0.00 min
Lab File: VY001326.D
Acq: 21 Jan 2020 17:10

Tgt Ion: 75 Resp: 197537
Ion Ratio Lower Upper
75 100
77 32.1 25.0 37.6
39 48.4 38.2 57.4





#55

1,1,2-Trichloroethane

Concen: 50.676 ug/l

RT: 10.66 min Scan# 1464

Delta R.T. 0.01 min

Lab File: VY001326.D

Acq: 21 Jan 2020 17:10

Instrument :

MSVOA_Y

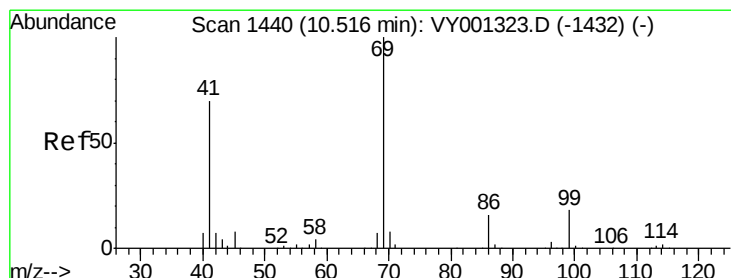
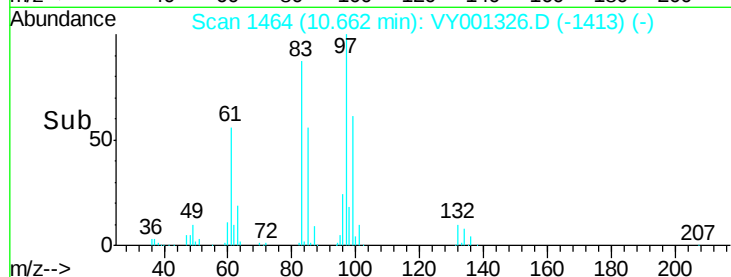
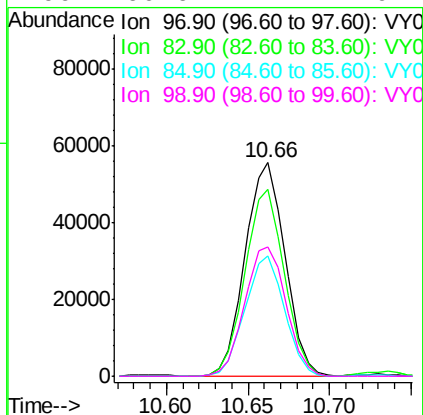
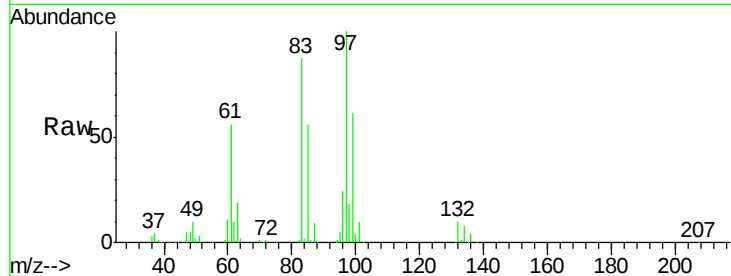
ClientSampleId :

ICVY012120

Tot Ion:	97	Resp:	94661
Ion	Ratio	Lower	Upper
97	100		
83	87.2	68.0	102.0
85	56.1	43.6	65.4
99	60.6	47.1	70.7

Manual Integrations
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1/22/2020 10:50:01 AM



#56

Ethyl methacrylate

Concen: 51.232 ug/l

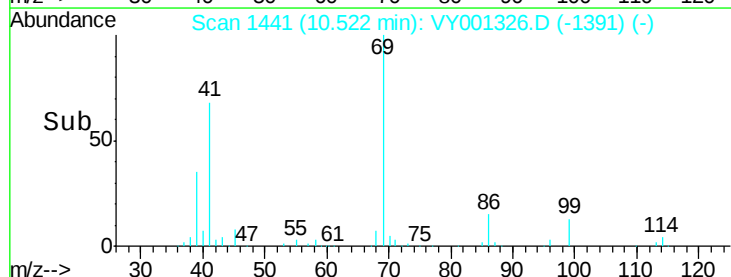
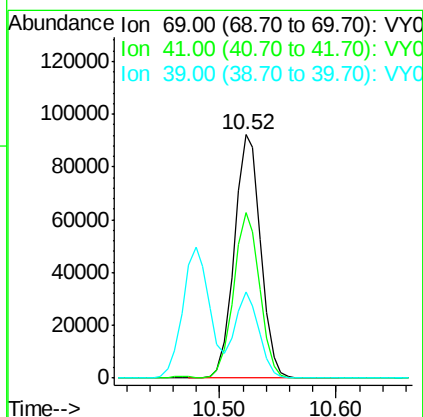
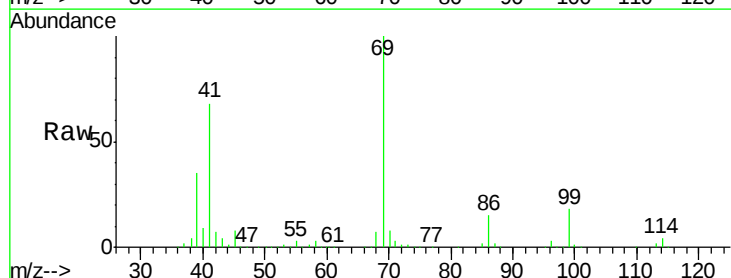
RT: 10.52 min Scan# 1441

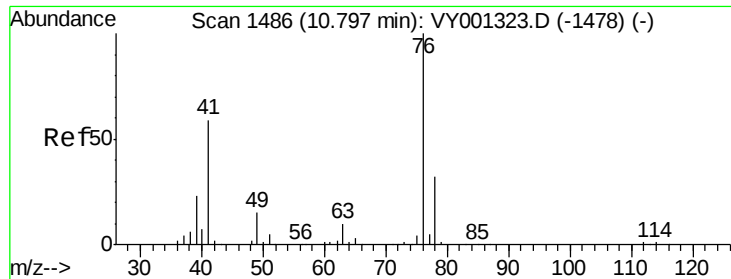
Delta R.T. 0.01 min

Lab File: VY001326.D

Acq: 21 Jan 2020 17:10

Tgt Ion:	69	Resp:	144641
Ion	Ratio	Lower	Upper
69	100		
41	67.0	54.1	81.1
39	32.3	26.8	40.2





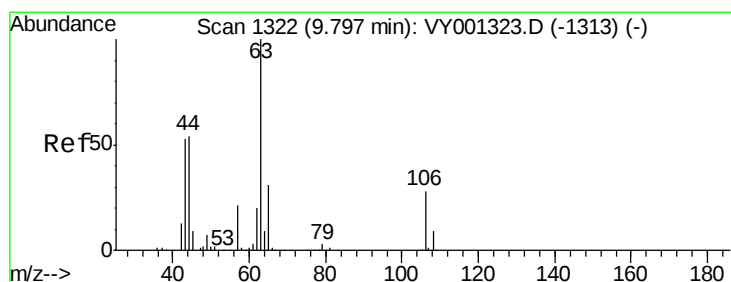
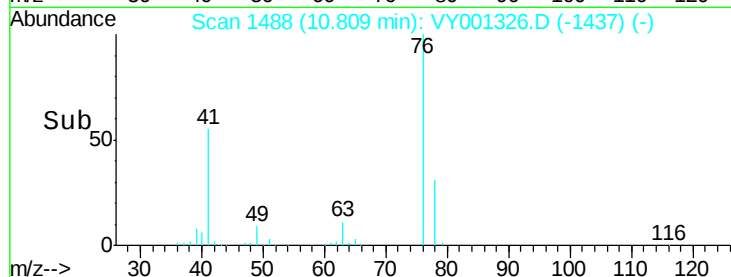
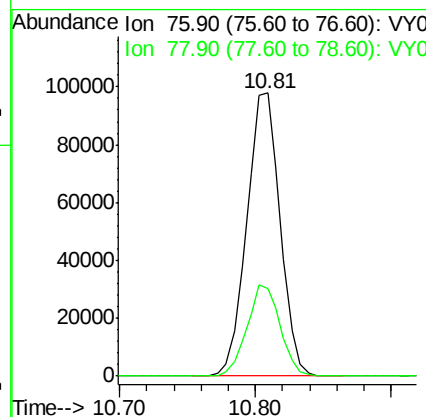
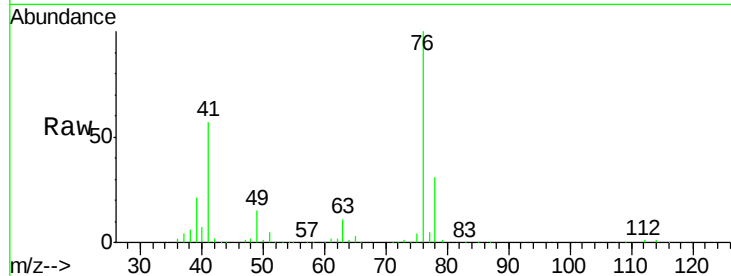
#57
 1,3-Dichloropropane
 Concen: 51.450 ug/l
 RT: 10.81 min Scan# 1488
 Delta R.T. 0.01 min
 Lab File: VY001326.D
 Acq: 21 Jan 2020 17:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY012120

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.9	25.8	38.8

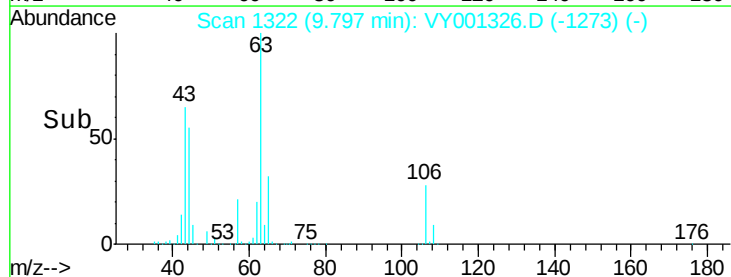
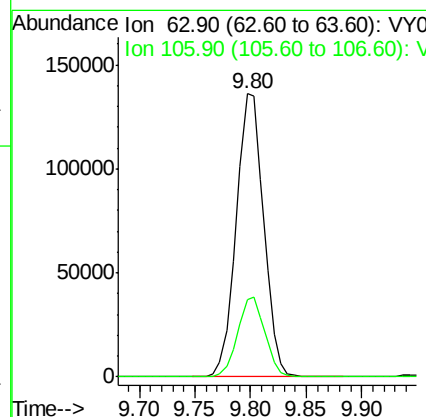
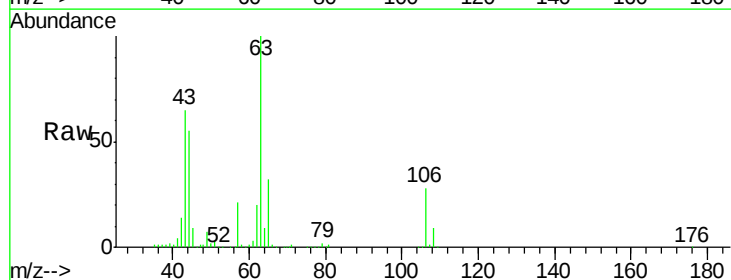
Manual Integrations
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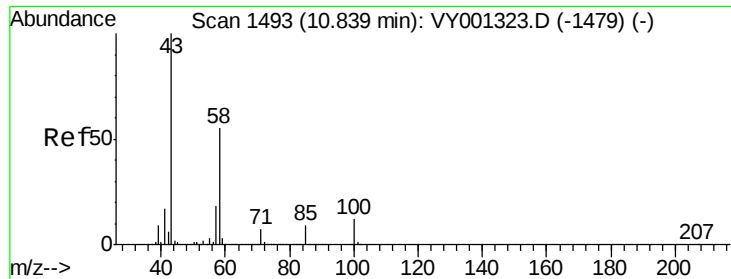
MMDadoda
 1/22/2020 10:50:01 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 237.657 ug/l
 RT: 9.80 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VY001326.D
 Acq: 21 Jan 2020 17:10

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.8	22.5	33.7





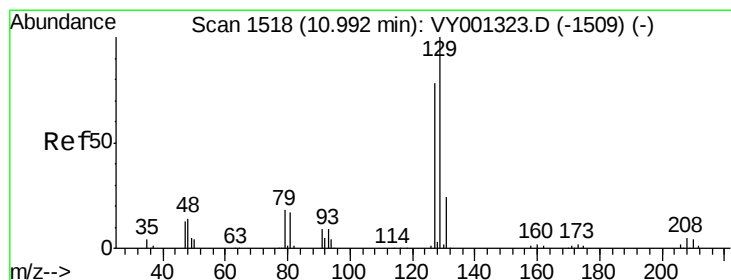
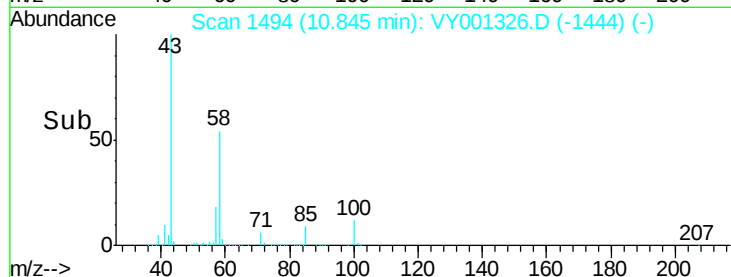
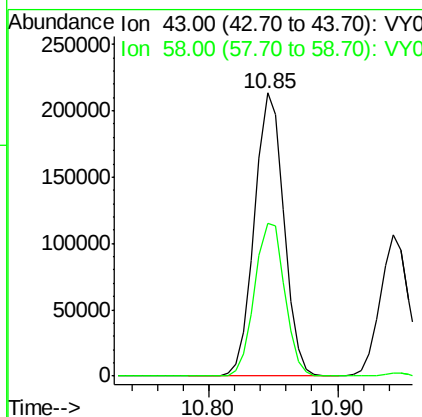
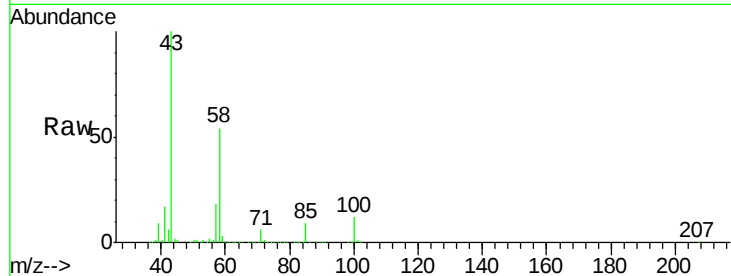
#59
2-Hexanone
Concen: 253.792 ug/l
RT: 10.85 min Scan# 1494
Delta R.T. 0.01 min
Lab File: VY001326.D
Acq: 21 Jan 2020 17:10

Instrument :
MSVOA_Y
ClientSampleId :
ICVY012120

Tot Ion: 43 Resp: 336190
Ion Ratio Lower Upper
43 100
58 55.5 27.6 82.8

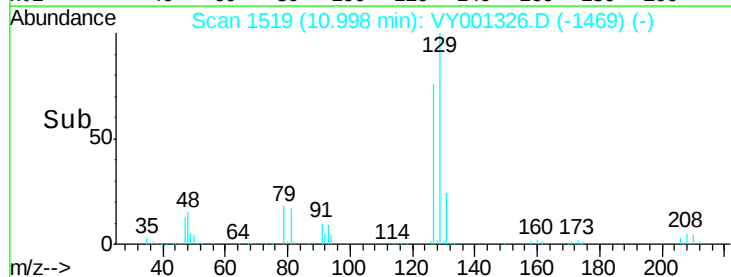
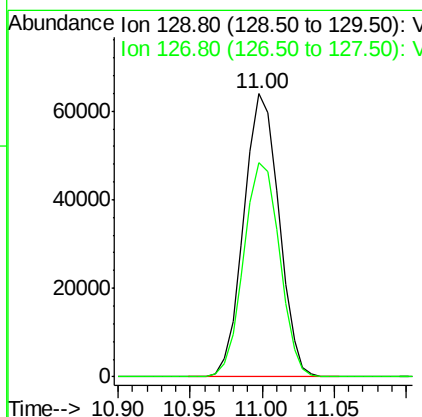
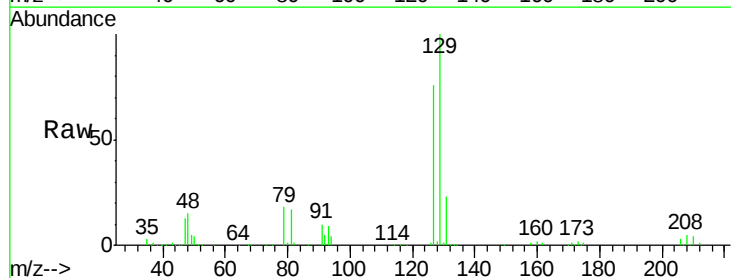
Manual Integrations
APPROVED

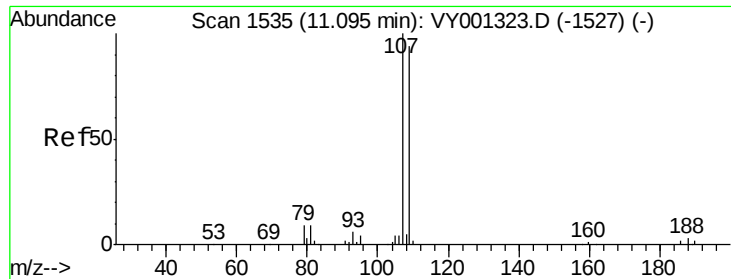
MMDadoda
1/22/2020 10:50:01 AM



#60
Dibromochloromethane
Concen: 51.751 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. 0.01 min
Lab File: VY001326.D
Acq: 21 Jan 2020 17:10

Tgt Ion: 129 Resp: 108118
Ion Ratio Lower Upper
129 100
127 77.2 38.8 116.4





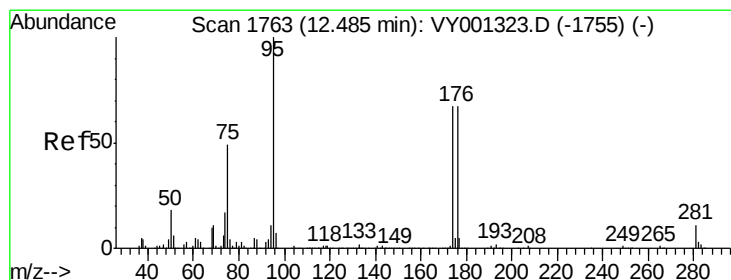
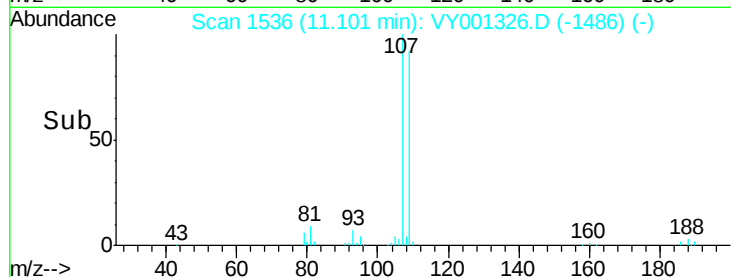
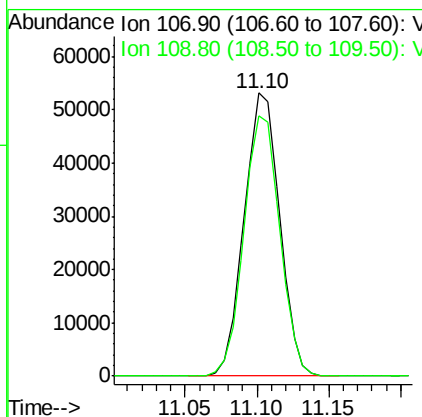
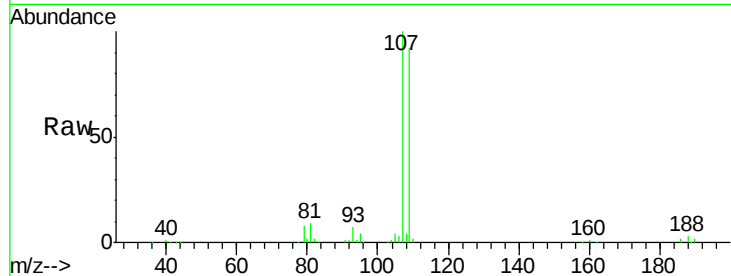
#61
1,2-Dibromoethane
Concen: 51.419 ug/l
RT: 11.10 min Scan# 1536
Delta R.T. 0.01 min
Lab File: VY001326.D
Acq: 21 Jan 2020 17:10

Instrument :
MSVOA_Y
ClientSampleId :
ICVY012120

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.5	75.0	112.6

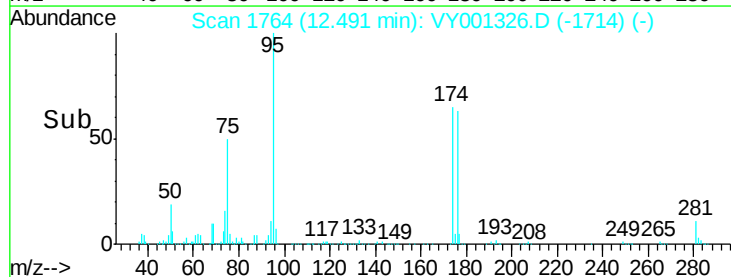
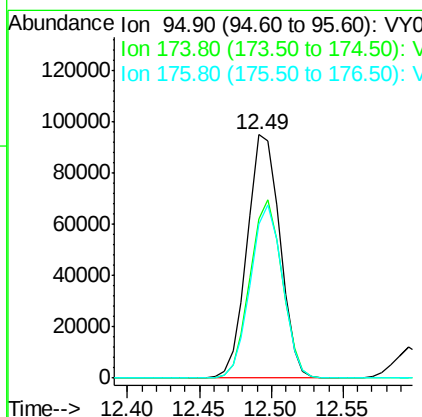
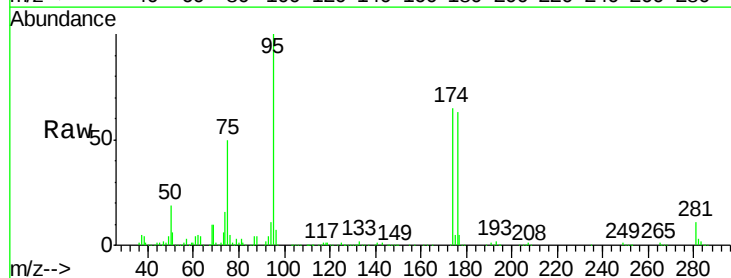
Manual Integrations
APPROVED

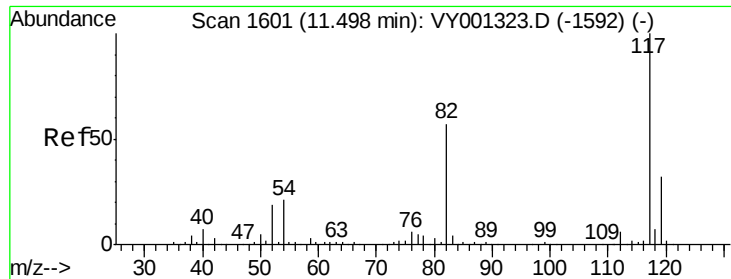
MMDadoda
1/22/2020 10:50:01 AM



#62
4-Bromofluorobenzene
Concen: 50.061 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.01 min
Lab File: VY001326.D
Acq: 21 Jan 2020 17:10

Tgt Ion	Ratio	Lower	Upper
95	100		
174	71.7	0.0	142.0
176	69.7	0.0	138.6





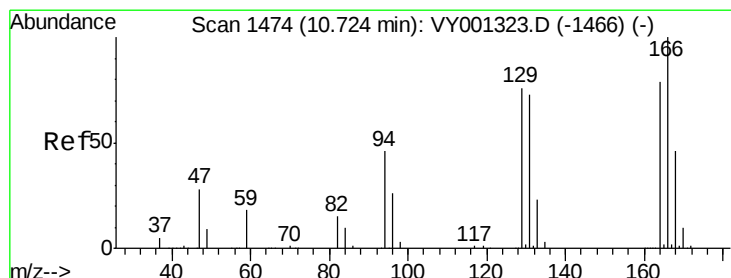
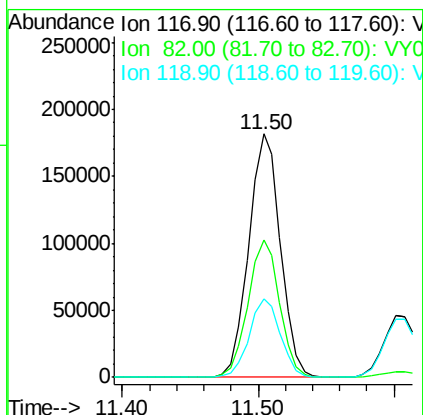
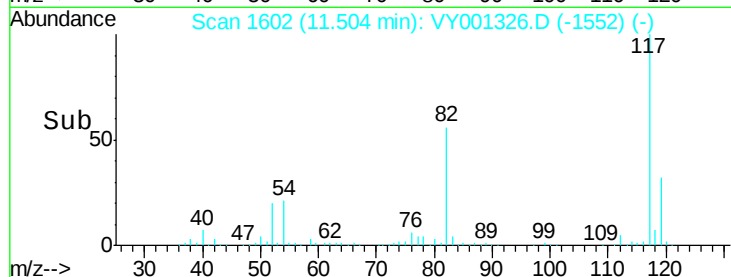
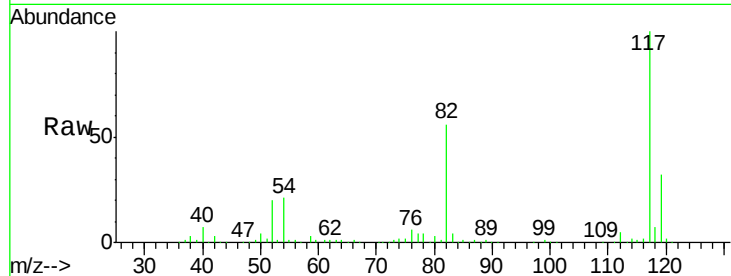
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY001326.D
Acq: 21 Jan 2020 17:10

Instrument :
MSVOA_Y
ClientSampleId :
ICVY012120

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.3	45.5	68.3
119	32.4	25.8	38.6

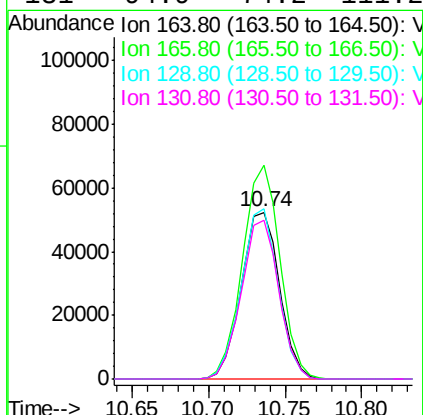
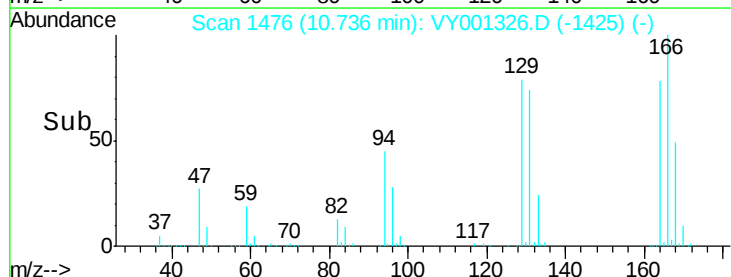
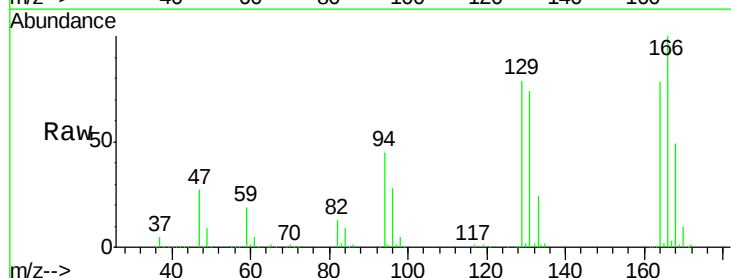
Manual Integrations
APPROVED

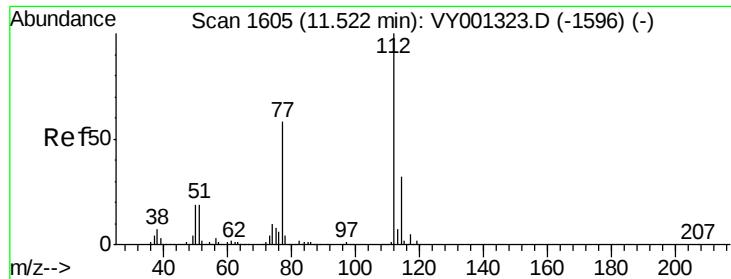
MMDadoda
1/22/2020 10:50:01 AM



#64
Tetrachloroethene
Concen: 48.243 ug/l
RT: 10.74 min Scan# 1476
Delta R.T. 0.01 min
Lab File: VY001326.D
Acq: 21 Jan 2020 17:10

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.2	101.8	152.8
129	101.9	77.1	115.7
131	94.9	74.2	111.2





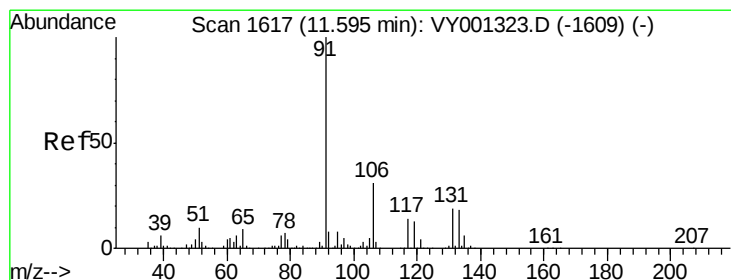
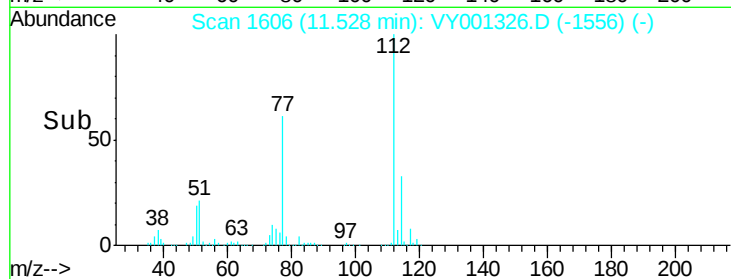
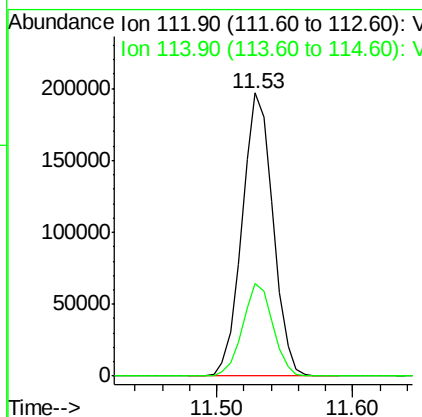
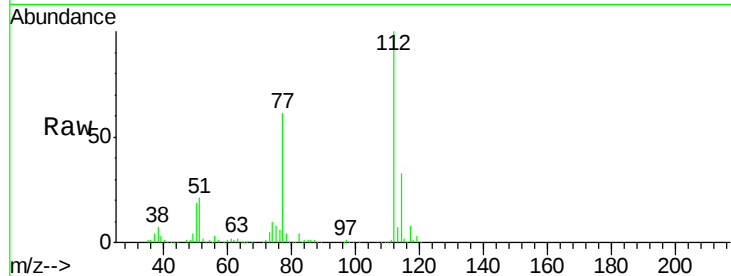
#65
Chlorobenzene
Concen: 50.151 ug/l
RT: 11.53 min Scan# 1606
Delta R.T. 0.01 min
Lab File: VY001326.D
Acq: 21 Jan 2020 17:10

Instrument :
MSVOA_Y
ClientSampleId :
ICVY012120

Tot Ion:112 Resp: 312265
Ion Ratio Lower Upper
112 100
114 32.9 25.8 38.6

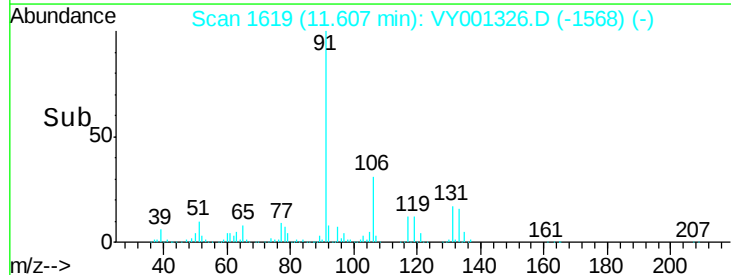
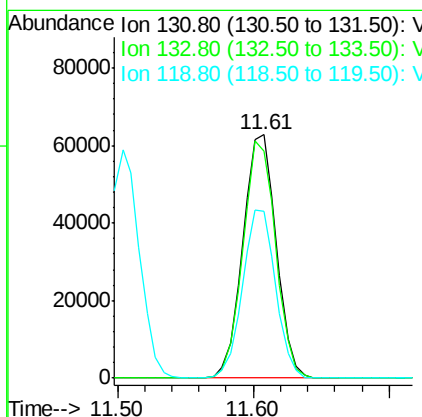
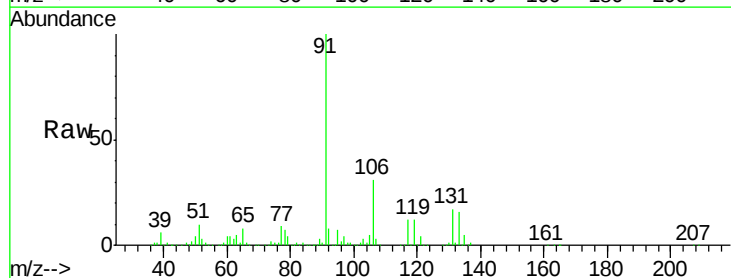
Manual Integrations
APPROVED

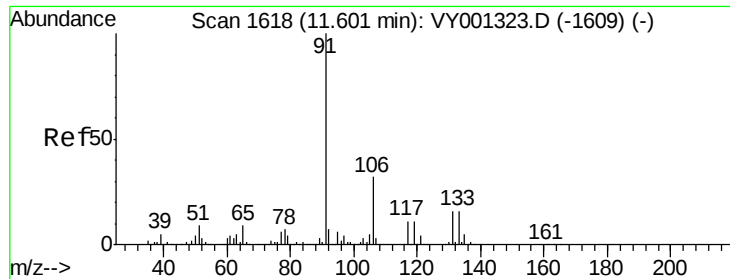
MMDadoda
1/22/2020 10:50:01 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 50.782 ug/l
RT: 11.61 min Scan# 1619
Delta R.T. 0.01 min
Lab File: VY001326.D
Acq: 21 Jan 2020 17:10

Tgt Ion:131 Resp: 107905
Ion Ratio Lower Upper
131 100
133 95.3 47.1 141.3
119 68.2 34.1 102.2





#67

Ethyl Benzene

Concen: 49.901 ug/l

RT: 11.61 min Scan# 1619

Delta R.T. 0.01 min

Lab File: VY001326.D

Acq: 21 Jan 2020 17:10

Instrument :

MSVOA_Y

ClientSampleId :

ICVY012120

Tot Ion: 91 Resp: 572597

Ion Ratio Lower Upper

91 100

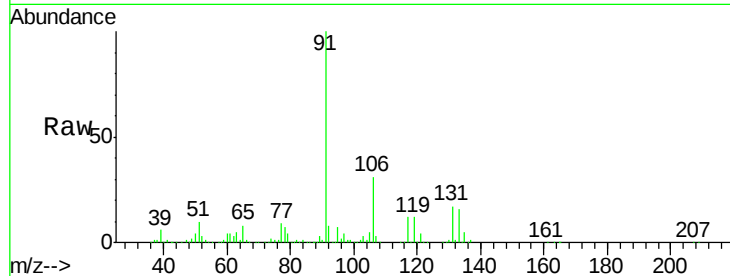
106 31.1 25.4 38.0

Manual Integrations

APPROVED

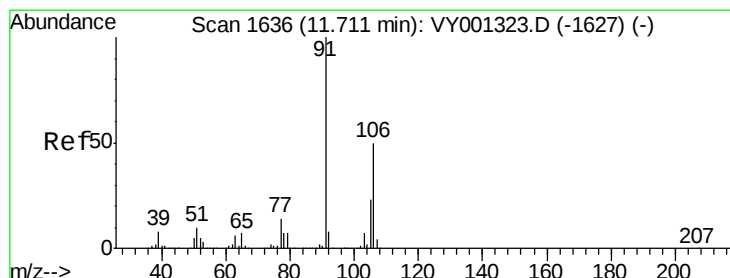
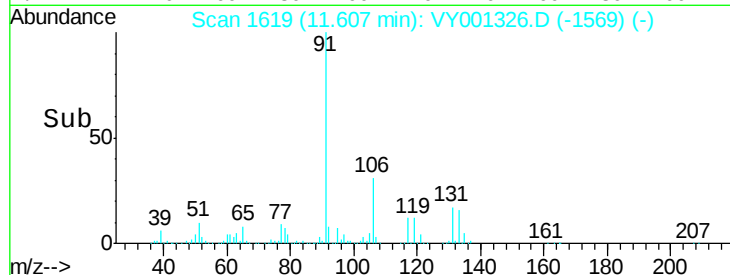
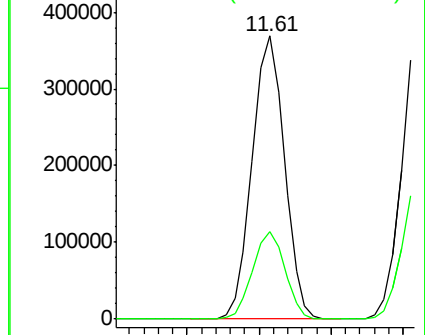
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 101.810 ug/l

RT: 11.72 min Scan# 1637

Delta R.T. 0.01 min

Lab File: VY001326.D

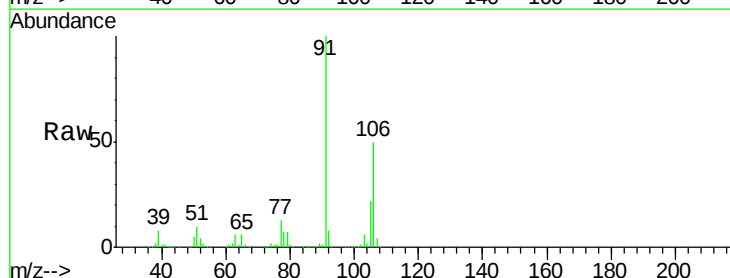
Acq: 21 Jan 2020 17:10

Tgt Ion: 106 Resp: 436326

Ion Ratio Lower Upper

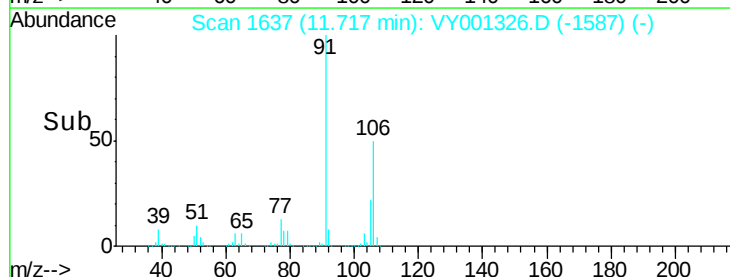
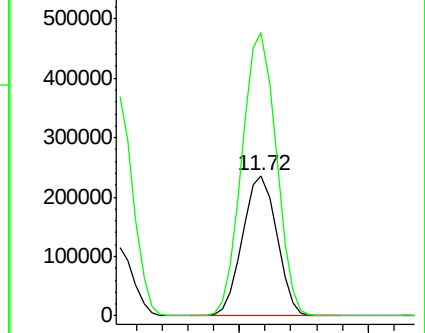
106 100

91 201.3 162.8 244.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VY0





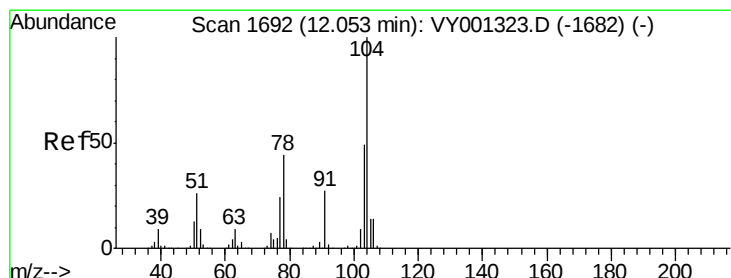
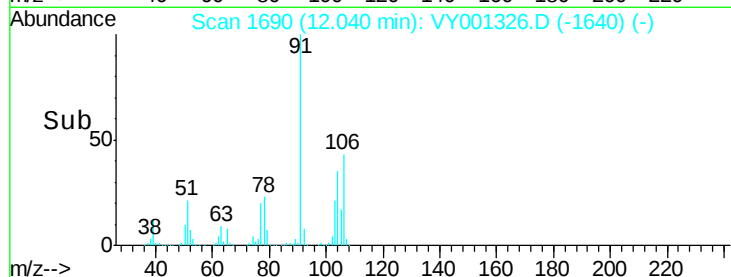
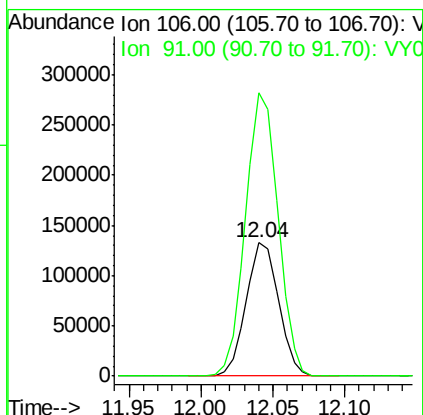
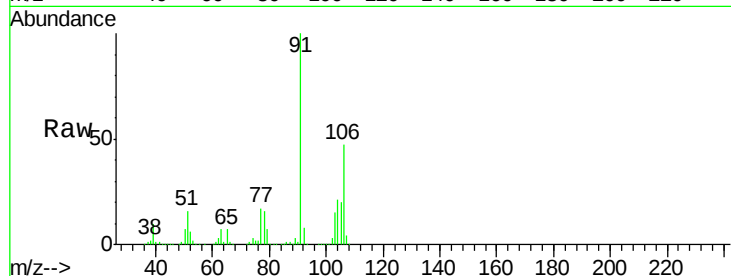
#69
o-Xylene
Concen: 50.444 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VY001326.D
Acq: 21 Jan 2020 17:10

Instrument :
MSVOA_Y
ClientSampleId :
ICVY012120

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		207971		
91	212.4	106.3	319.0		

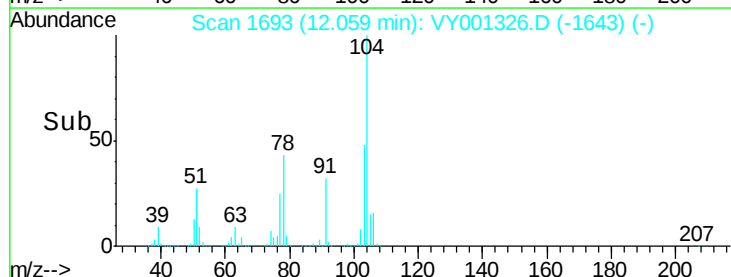
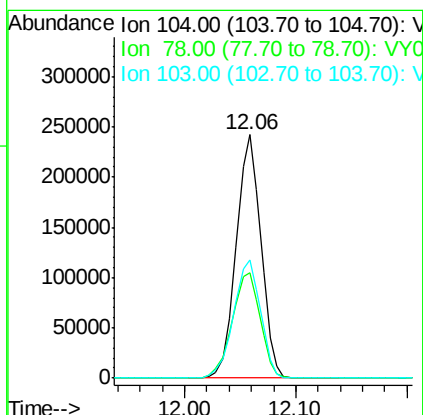
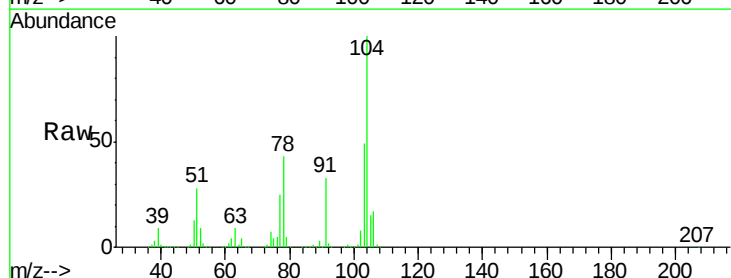
Manual Integrations
APPROVED

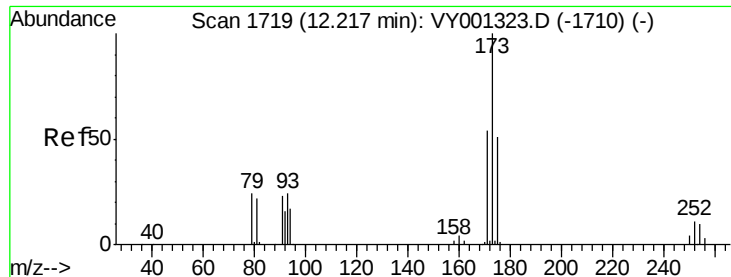
MMDadoda
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#70
Styrene
Concen: 51.451 ug/l
RT: 12.06 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VY001326.D
Acq: 21 Jan 2020 17:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		372176		
78	49.1	39.8	59.8		
103	53.0	43.2	64.8		





#71

Bromoform

Concen: 49.723 ug/l

RT: 12.22 min Scan# 1720

Delta R.T. 0.01 min

Lab File: VY001326.D

Acq: 21 Jan 2020 17:10

Instrument :

MSVOA_Y

ClientSampleId :

ICVY012120

Tot Ion:173 Resp: 63070

Ion Ratio Lower Upper

173 100

175 49.3 24.3 72.9

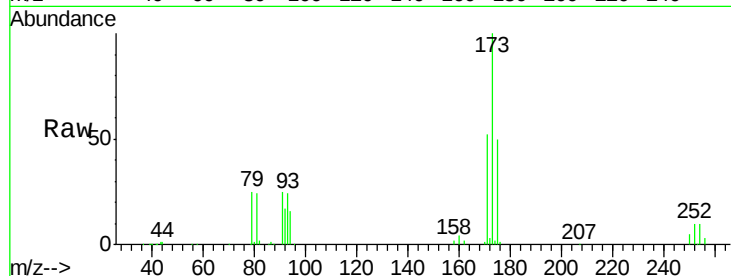
254 0.0 0.0 0.0

Manual Integrations

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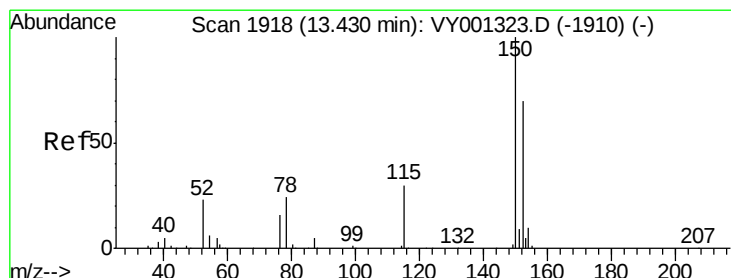
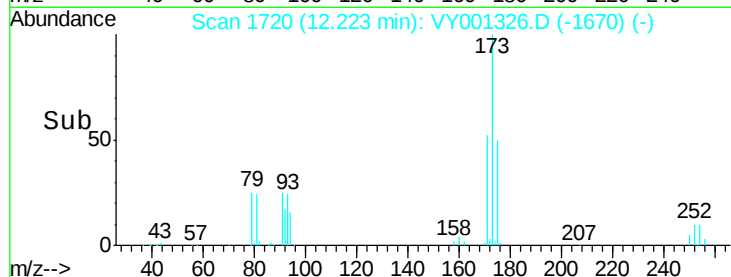
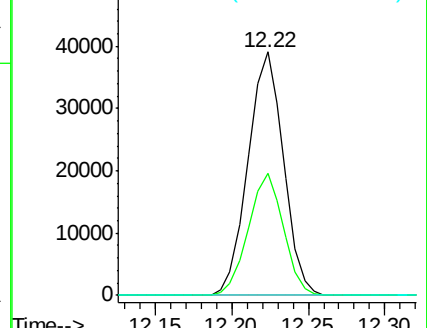
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.01 min

Lab File: VY001326.D

Acq: 21 Jan 2020 17:10

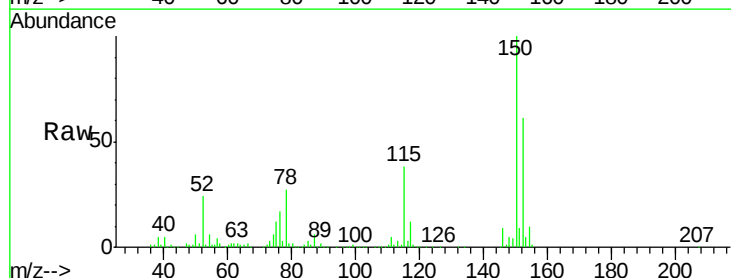
Tgt Ion:152 Resp: 140308

Ion Ratio Lower Upper

152 100

115 60.8 30.9 92.8

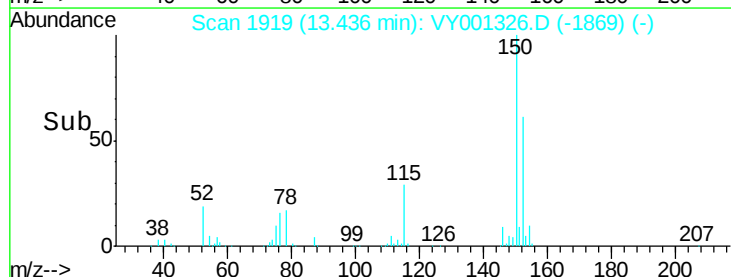
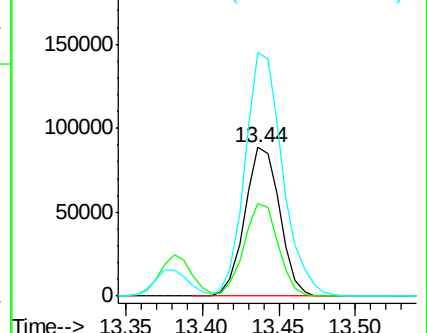
150 176.6 0.0 349.2

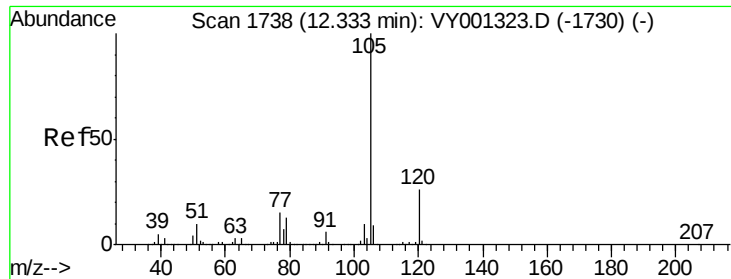


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.567 ug/l

RT: 12.35 min Scan# 1740

Delta R.T. 0.01 min

Lab File: VY001326.D

Acq: 21 Jan 2020 17:10

Instrument :

MSVOA_Y

ClientSampleId :

ICVY012120

Tot Ion: 105 Resp: 548774

Ion Ratio Lower Upper

105 100

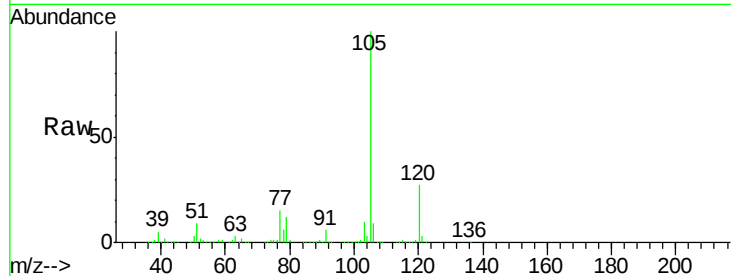
120 26.8 13.5 40.4

Manual Integrations

APPROVED

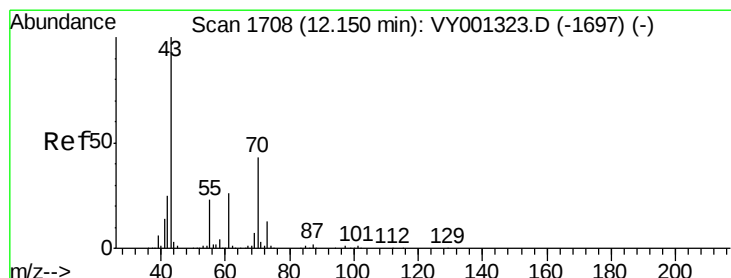
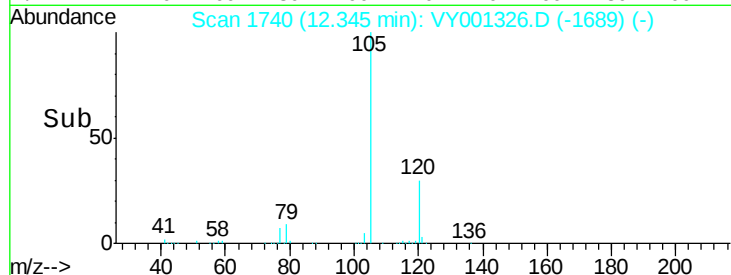
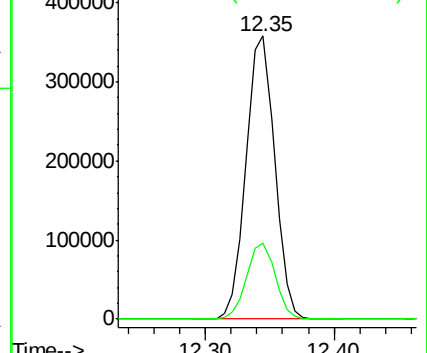
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.662 ug/l

RT: 12.16 min Scan# 1709

Delta R.T. 0.01 min

Lab File: VY001326.D

Acq: 21 Jan 2020 17:10

Tgt Ion: 43 Resp: 183604

Ion Ratio Lower Upper

43 100

70 41.4 33.5 50.3

55 22.8 18.2 27.2

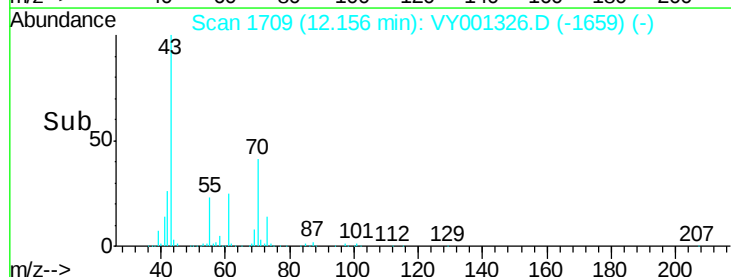
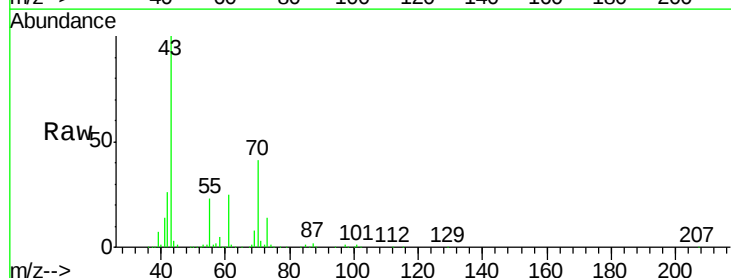
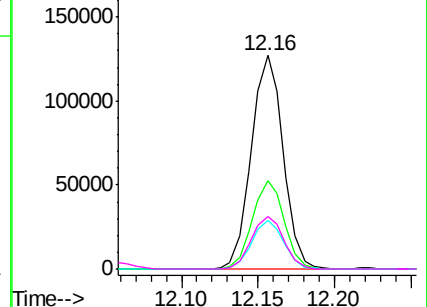
61 25.1 19.6 29.4

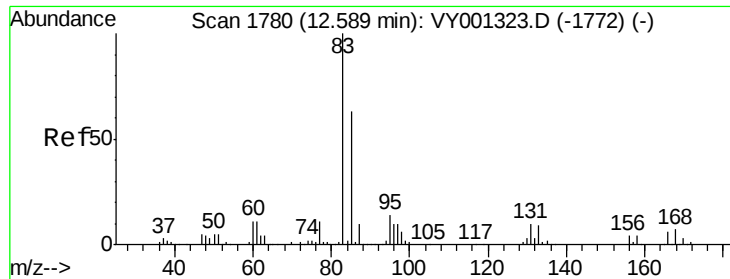
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 50.142 ug/l

RT: 12.60 min Scan# 1781

Delta R.T. 0.01 min

Lab File: VY001326.D

Acq: 21 Jan 2020 17:10

Instrument :

MSVOA_Y

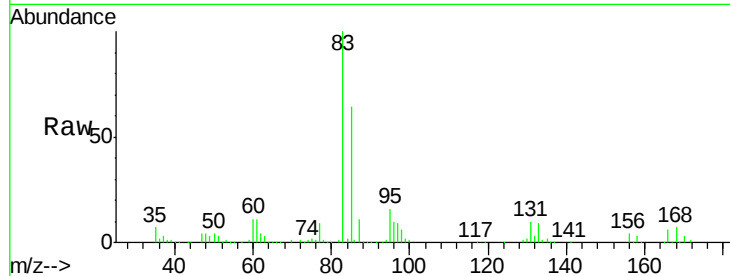
ClientSampleId :

ICVY012120

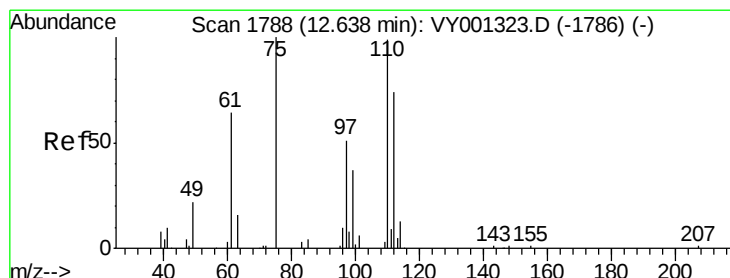
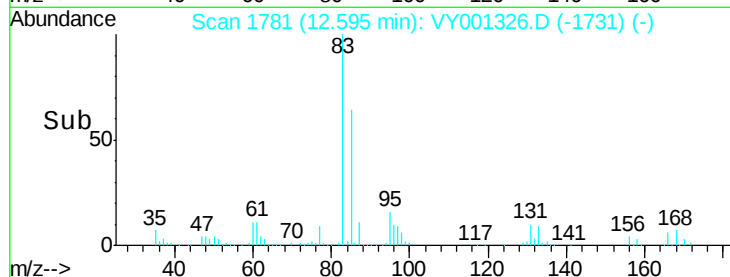
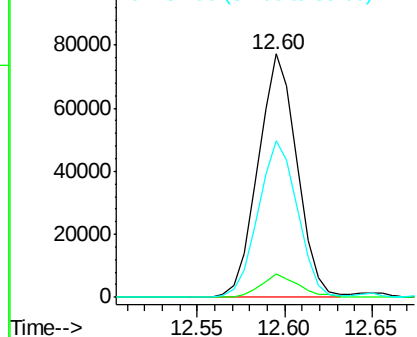
Tot Ion:	83	Resp:	118893
Ion Ratio	Lower	Upper	
83	100		
131	9.6	4.9	14.6
85	65.0	31.4	94.3

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



#76

1,2,3-Trichloropropane

Concen: 51.796 ug/l m

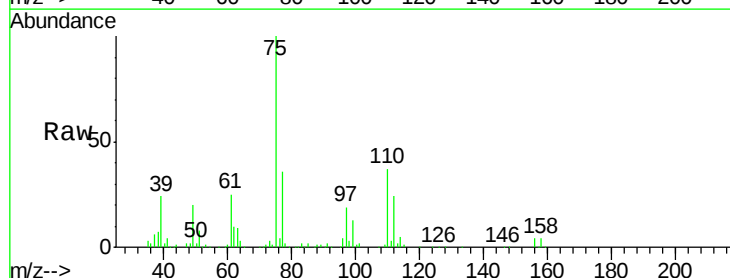
RT: 12.65 min Scan# 1790

Delta R.T. 0.01 min

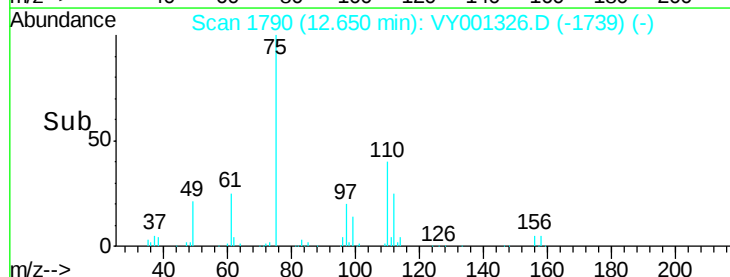
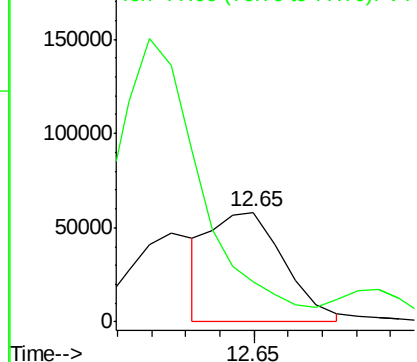
Lab File: VY001326.D

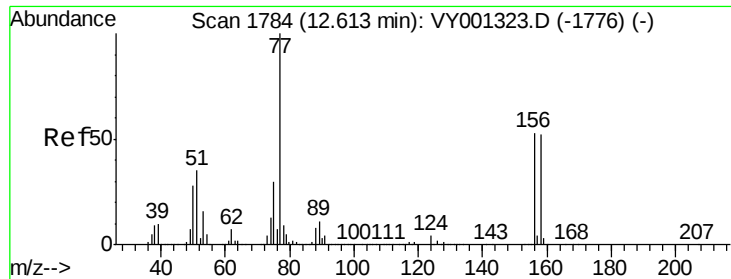
Acq: 21 Jan 2020 17:10

Tgt Ion:	75	Resp:	87573
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



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





#77

Bromobenzene

Concen: 50.165 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.01 min

Lab File: VY001326.D

Acq: 21 Jan 2020 17:10

Instrument :

MSVOA_Y

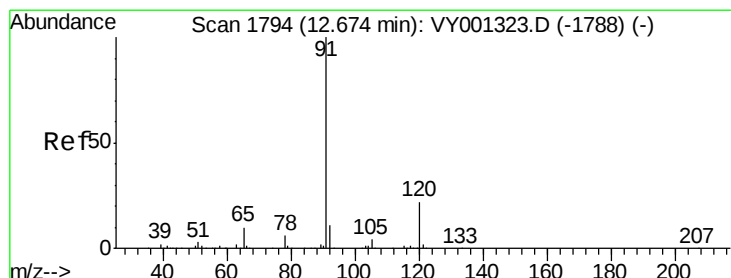
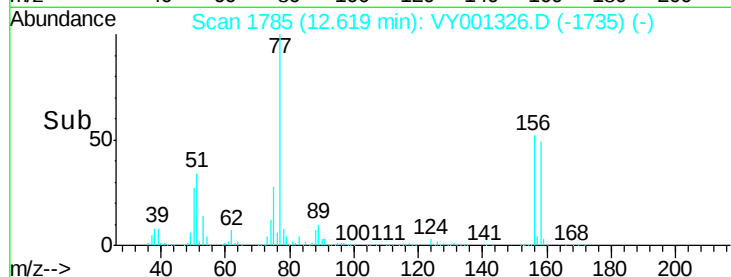
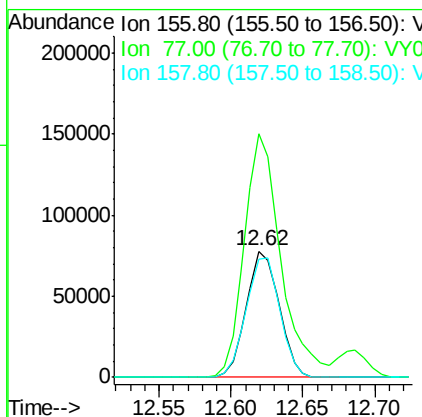
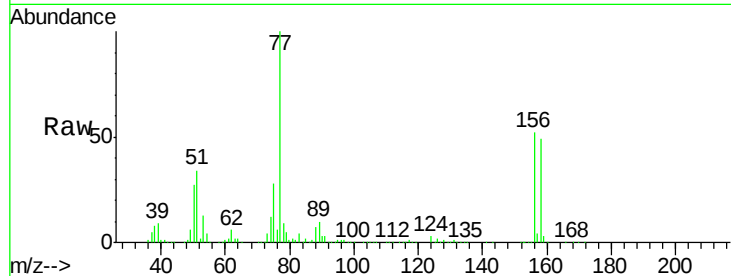
ClientSampleId :

ICVY012120

Tot Ion:	156	Resp:	123015
Ion Ratio	Lower	Upper	
156	100		
77	215.4	104.7	313.9
158	97.7	48.6	145.8

Manual Integrations
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#78

n-propylbenzene

Concen: 50.342 ug/l

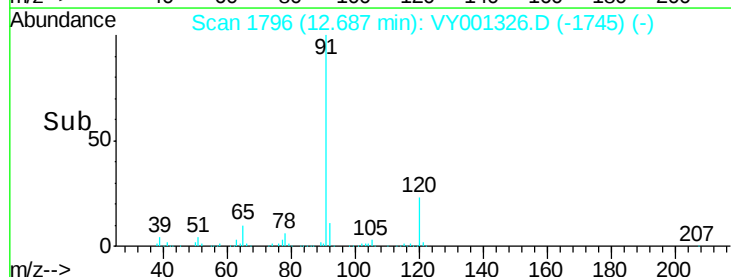
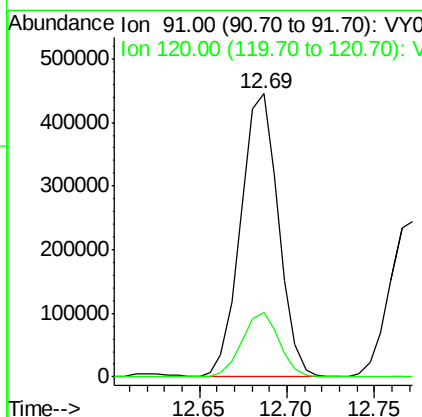
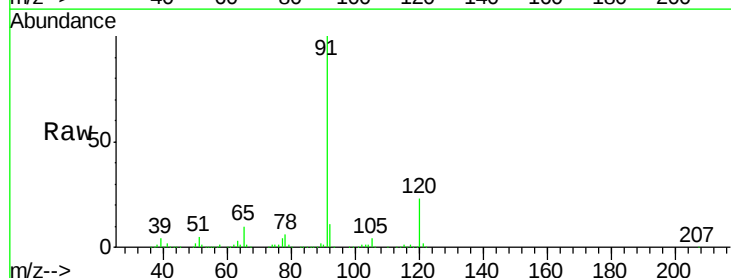
RT: 12.69 min Scan# 1796

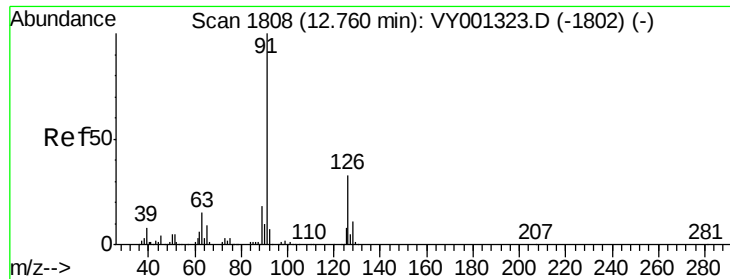
Delta R.T. 0.01 min

Lab File: VY001326.D

Acq: 21 Jan 2020 17:10

Tgt Ion:	91	Resp:	670870
Ion Ratio	Lower	Upper	
91	100		
120	22.5	11.3	33.8





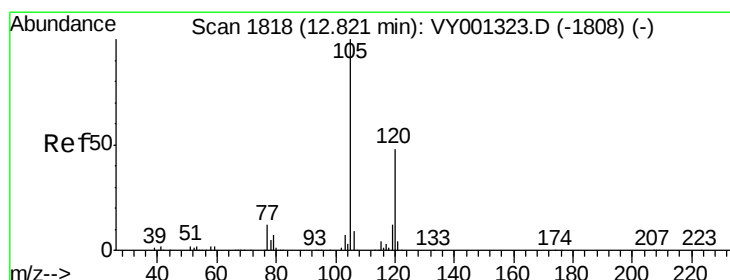
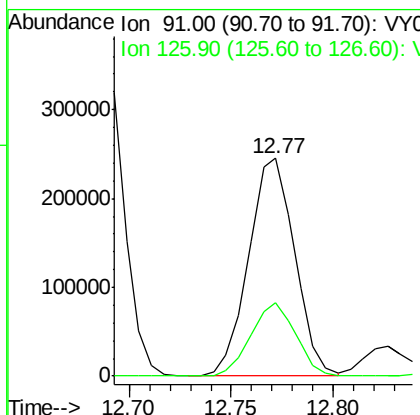
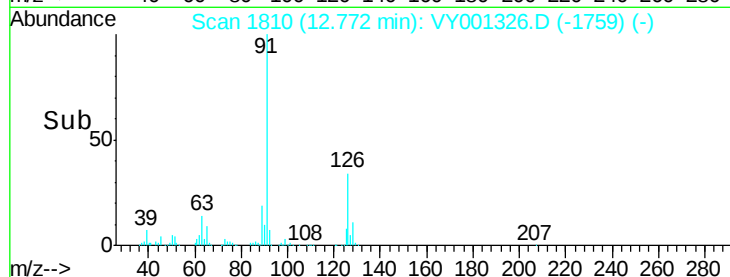
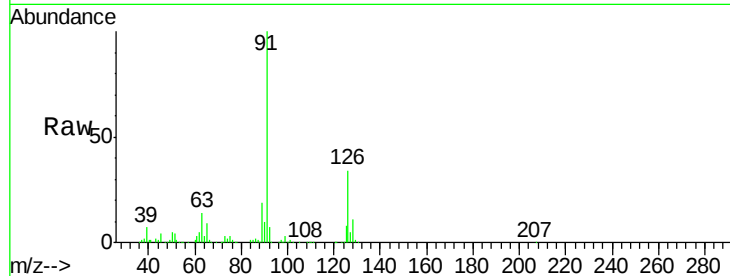
#79
 2-Chlorotoluene
 Concen: 50.810 ug/l
 RT: 12.77 min Scan# 1810
 Delta R.T. 0.01 min
 Lab File: VY001326.D
 Acq: 21 Jan 2020 17:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY012120

Tot Ion: 91 Resp: 386815
 Ion Ratio Lower Upper
 91 100
 126 32.9 16.6 49.7

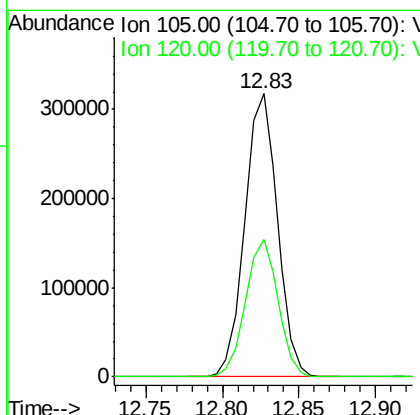
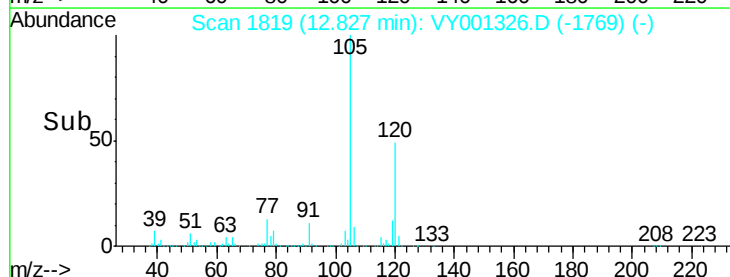
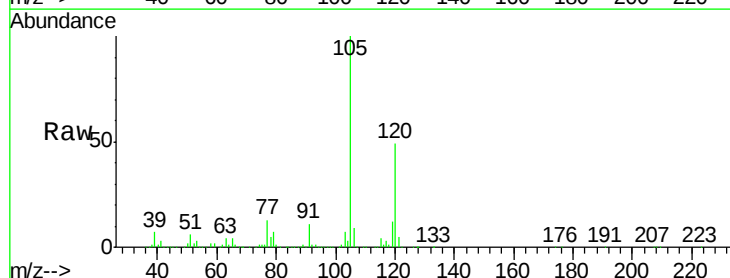
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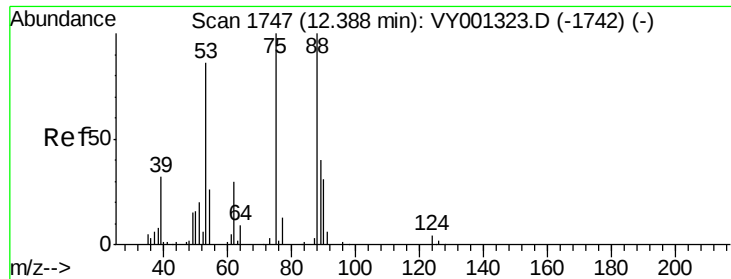
MMDadoda
 1/22/2020 10:50:01 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 50.934 ug/l
 RT: 12.83 min Scan# 1819
 Delta R.T. 0.01 min
 Lab File: VY001326.D
 Acq: 21 Jan 2020 17:10

Tgt Ion: 105 Resp: 470717
 Ion Ratio Lower Upper
 105 100
 120 48.2 24.3 72.9





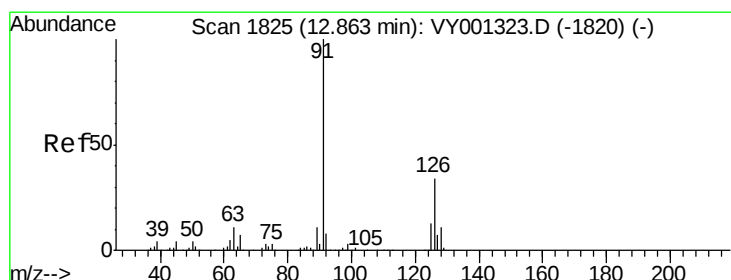
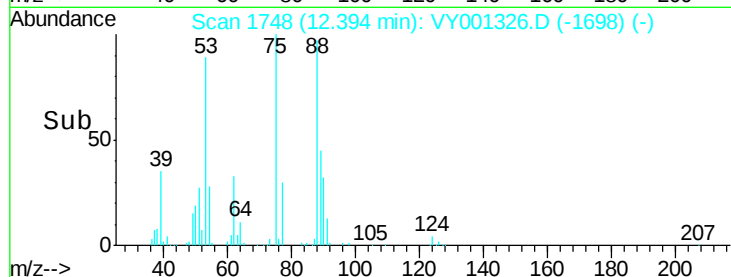
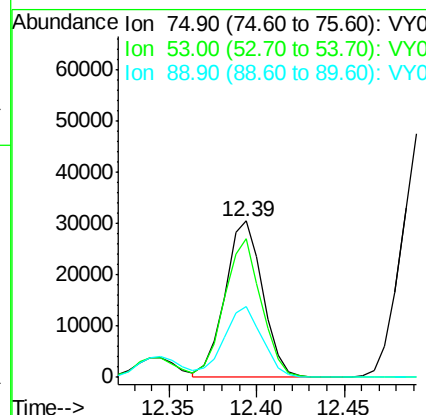
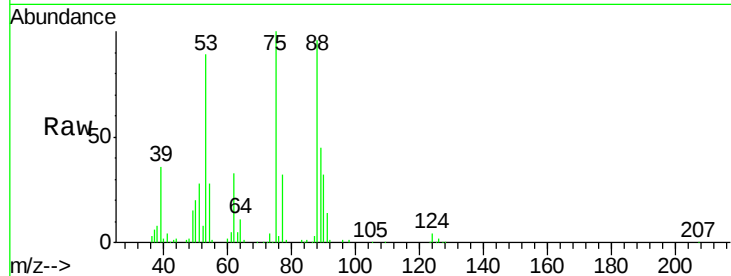
#81
trans-1,4-Dichloro-2-butene
Concen: 50.540 ug/l
RT: 12.39 min Scan# 1748
Delta R.T. 0.01 min
Lab File: VY001326.D
Acq: 21 Jan 2020 17:10

Instrument :
MSVOA_Y
ClientSampleId :
ICVY012120

Tot Ion	Ratio	Lower	Upper
75	100		
53	87.1	69.9	104.9
89	46.3	36.6	54.8

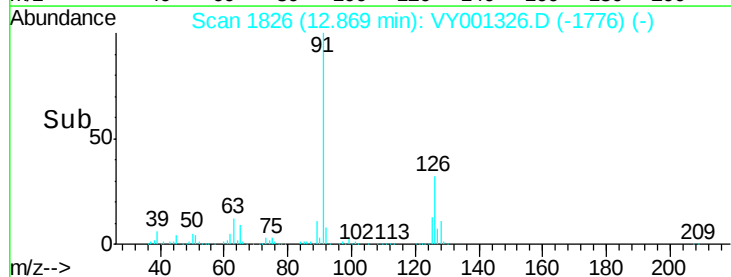
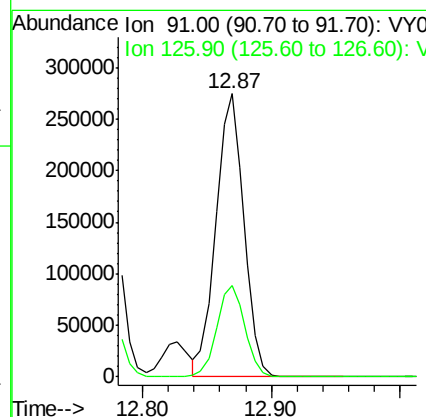
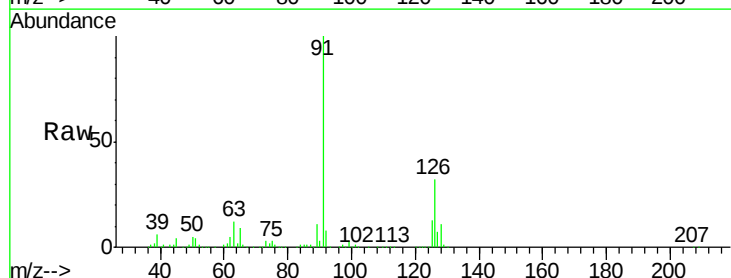
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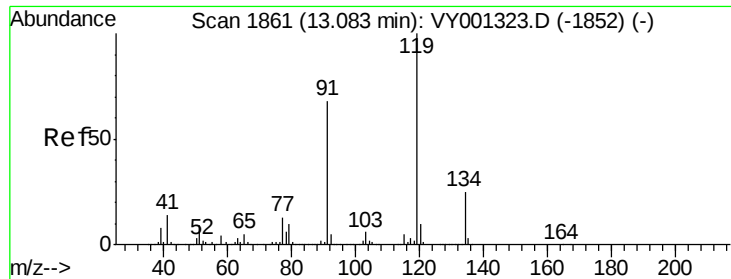
MMDadoda
1/22/2020 10:50:01 AM



#82
4-Chlorotoluene
Concen: 51.303 ug/l
RT: 12.87 min Scan# 1826
Delta R.T. 0.01 min
Lab File: VY001326.D
Acq: 21 Jan 2020 17:10

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.5	16.4	49.4





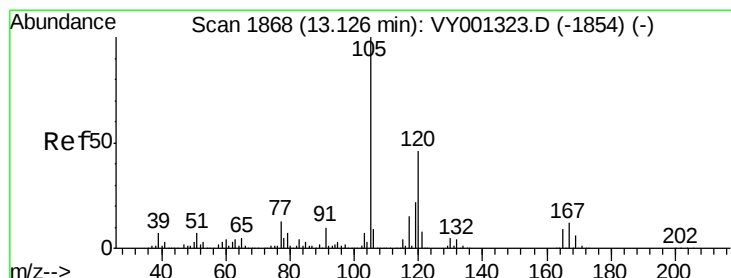
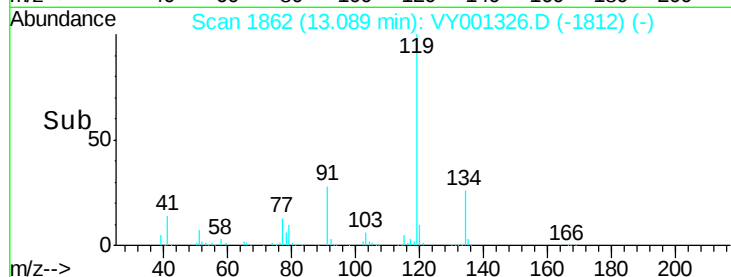
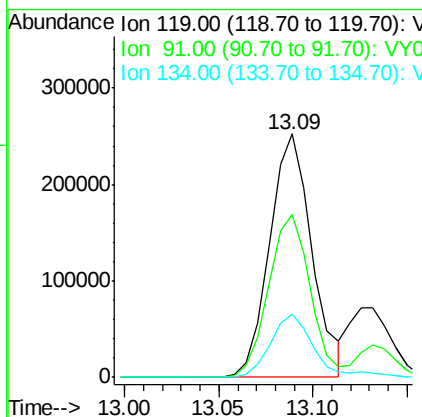
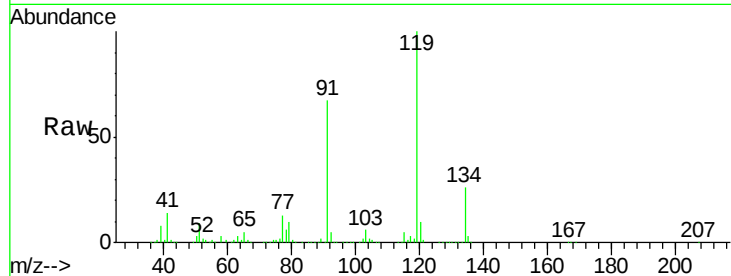
#83
tert-Butylbenzene
Concen: 50.304 ug/l
RT: 13.09 min Scan# 1862
Delta R.T. 0.01 min
Lab File: VY001326.D
Acq: 21 Jan 2020 17:10

Instrument :
MSVOA_Y
ClientSampleId :
ICVY012120

Tot Ion	Ratio	Resp	Lower	Upper
119	100	391870		
91	65.6	33.0	99.0	
134	27.0	13.3	39.9	

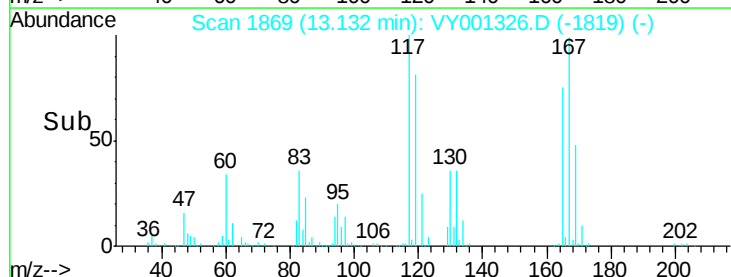
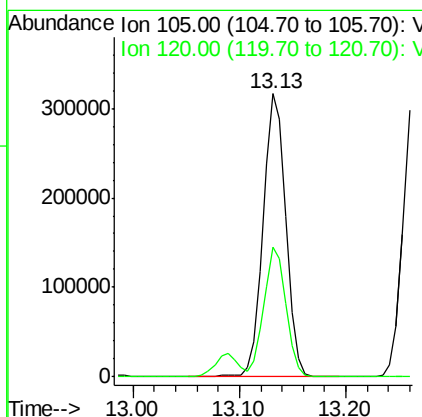
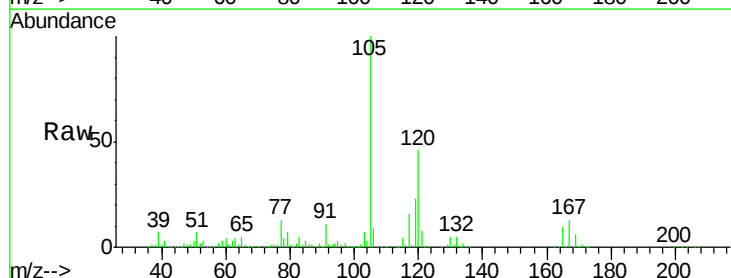
Manual Integrations
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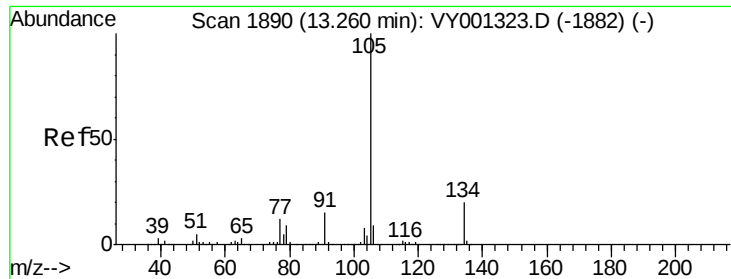
MMDadoda
1/22/2020 10:50:01 AM



#84
1,2,4-Trimethylbenzene
Concen: 51.091 ug/l
RT: 13.13 min Scan# 1869
Delta R.T. 0.01 min
Lab File: VY001326.D
Acq: 21 Jan 2020 17:10

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	474040		
120	44.8	22.4	67.3	





#85

sec-Butylbenzene

Concen: 50.969 ug/l

RT: 13.27 min Scan# 1891

Delta R.T. 0.01 min

Lab File: VY001326.D

Acq: 21 Jan 2020 17:10

Instrument :

MSVOA_Y

ClientSampleId :

ICVY012120

Tot Ion:105 Resp: 564120

Ion Ratio Lower Upper

105 100

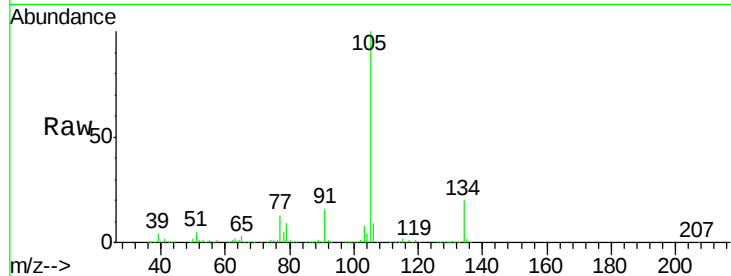
134 19.7 9.8 29.4

Manual Integrations

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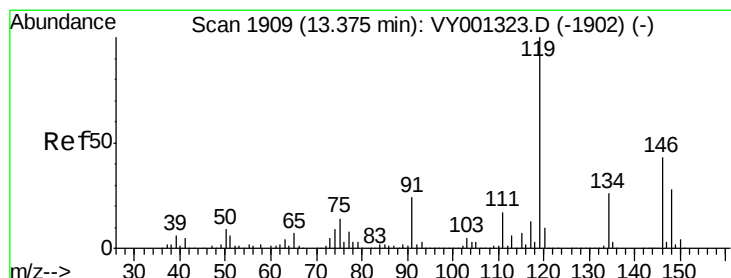
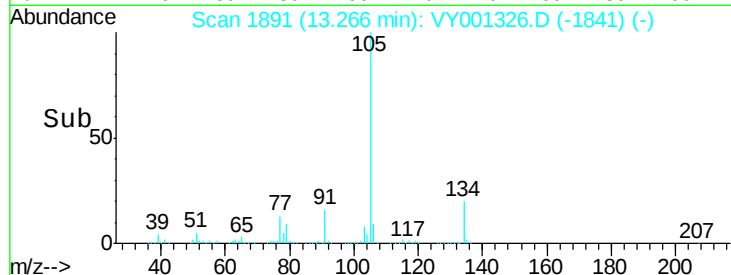
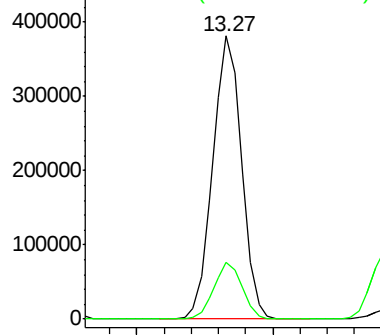
MMDadoda

1/22/2020 10:50:01 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.930 ug/l

RT: 13.38 min Scan# 1910

Delta R.T. 0.01 min

Lab File: VY001326.D

Acq: 21 Jan 2020 17:10

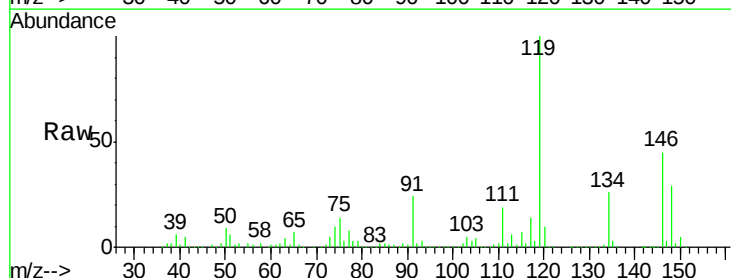
Tgt Ion:119 Resp: 496741

Ion Ratio Lower Upper

119 100

134 26.5 13.5 40.4

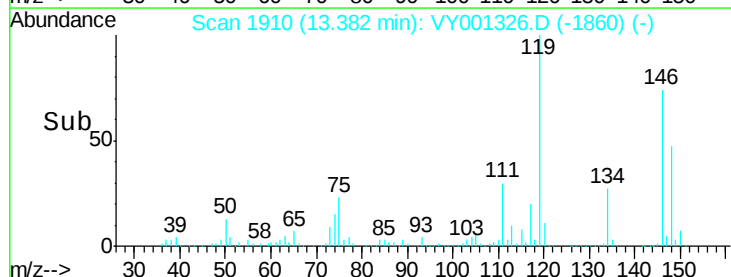
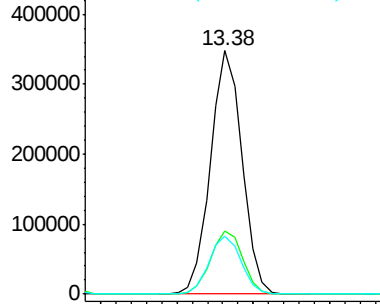
91 24.1 12.2 36.6

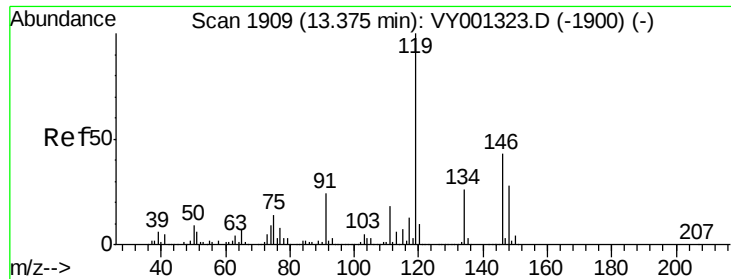


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 51.729 ug/l

RT: 13.38 min Scan# 1910

Delta R.T. 0.01 min

Lab File: VY001326.D

Acq: 21 Jan 2020 17:10

Instrument :

MSVOA_Y

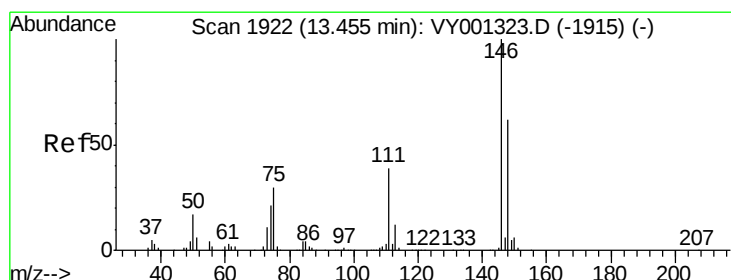
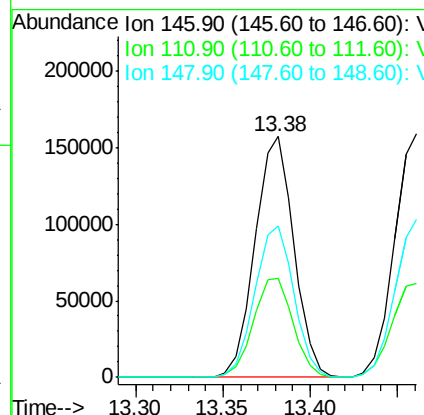
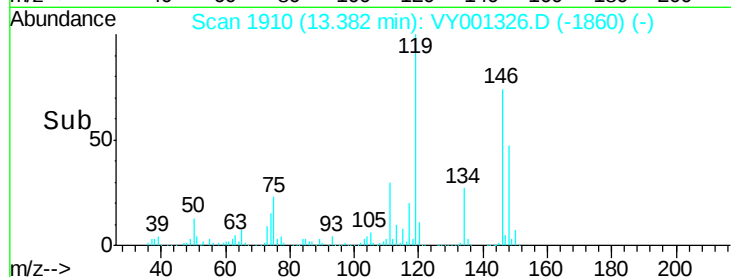
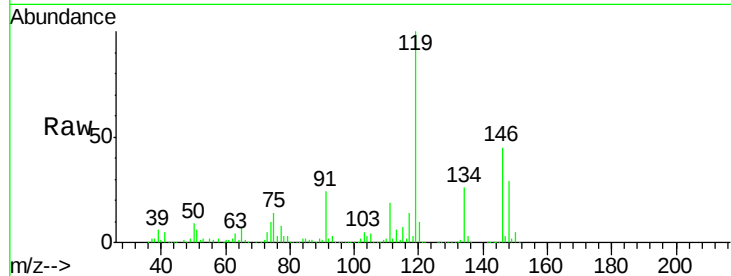
ClientSampleId :

ICVY012120

Tot Ion:	146	Resp:	244305
Ion Ratio	Lower	Upper	
146	100		
111	41.9	20.6	61.8
148	63.3	31.6	95.0

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 50.983 ug/l

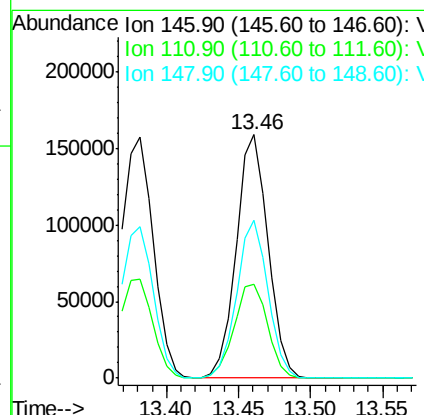
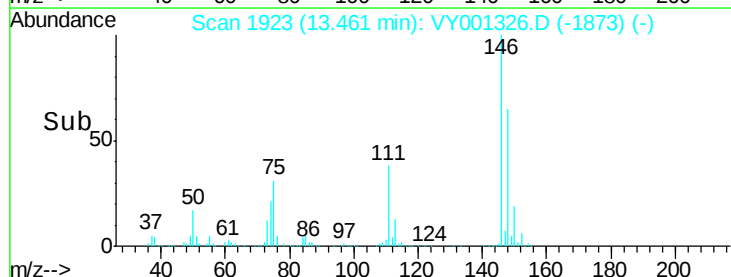
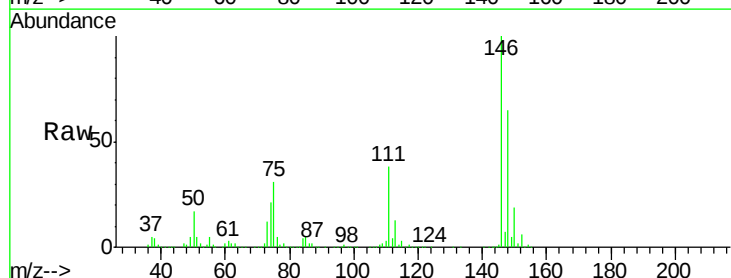
RT: 13.46 min Scan# 1923

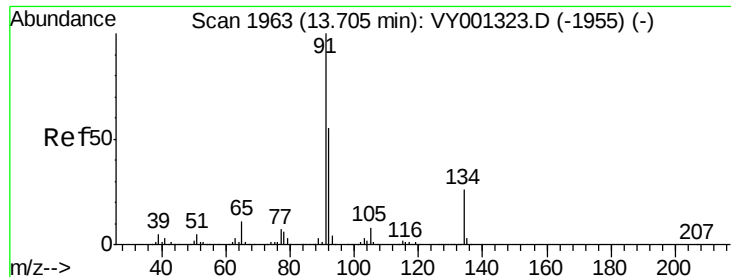
Delta R.T. 0.01 min

Lab File: VY001326.D

Acq: 21 Jan 2020 17:10

Tgt Ion:	146	Resp:	244477
Ion Ratio	Lower	Upper	
146	100		
111	41.1	20.5	61.5
148	63.8	31.6	95.0





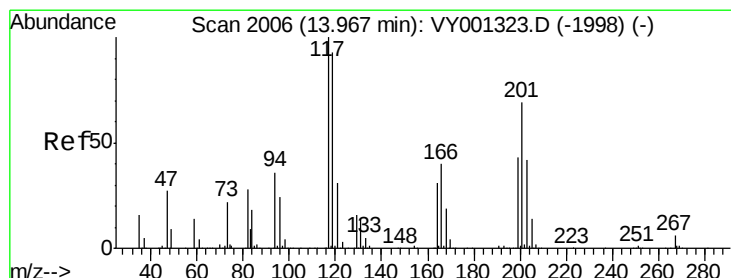
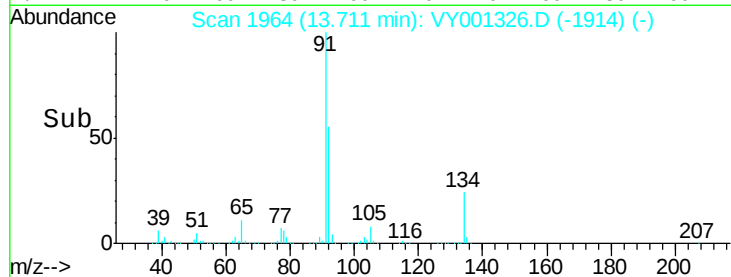
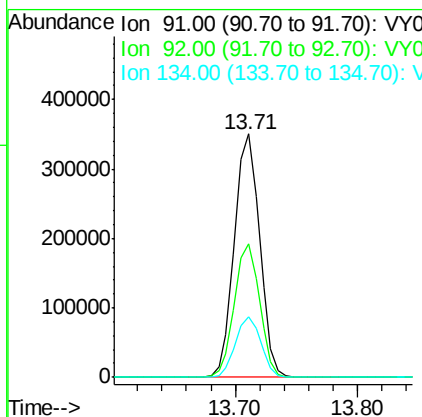
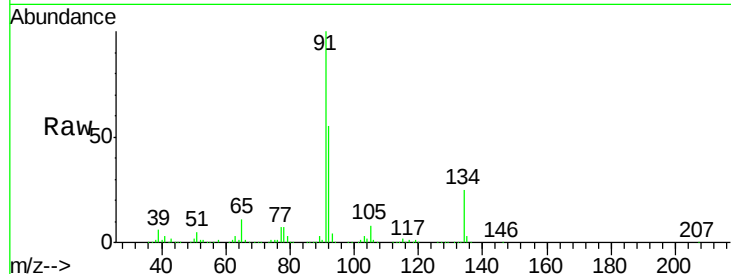
#89
n-Butylbenzene
Concen: 50.916 ug/l
RT: 13.71 min Scan# 1964
Delta R.T. 0.01 min
Lab File: VY001326.D
Acq: 21 Jan 2020 17:10

Instrument :
MSVOA_Y
ClientSampleId :
ICVY012120

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.7	27.6	82.8
134	25.1	12.9	38.6

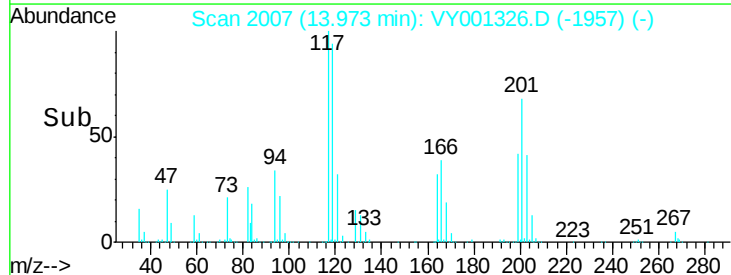
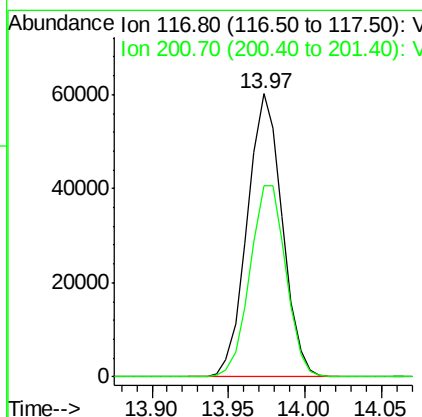
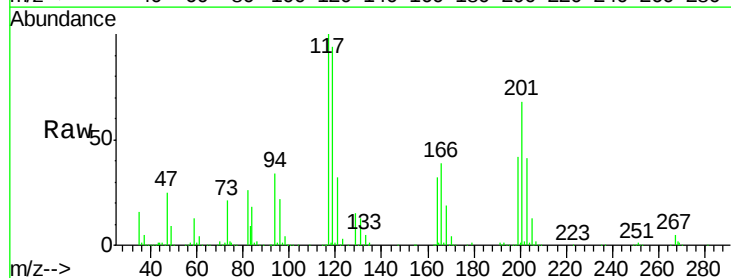
Manual Integrations
APPROVED

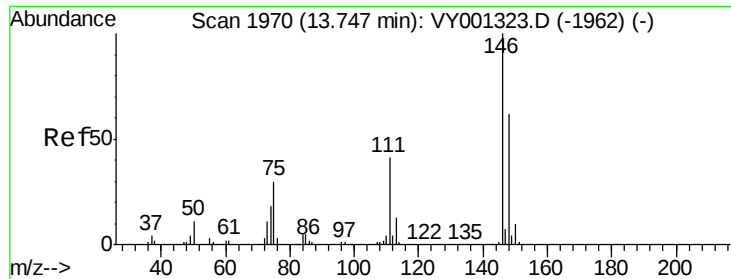
MMDadoda
1/22/2020 10:50:01 AM



#90
Hexachloroethane
Concen: 51.932 ug/l
RT: 13.97 min Scan# 2007
Delta R.T. 0.01 min
Lab File: VY001326.D
Acq: 21 Jan 2020 17:10

Tgt Ion	Ratio	Lower	Upper
117	100		
201	69.4	34.6	103.8





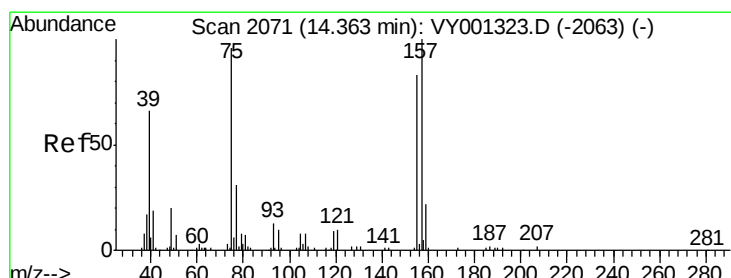
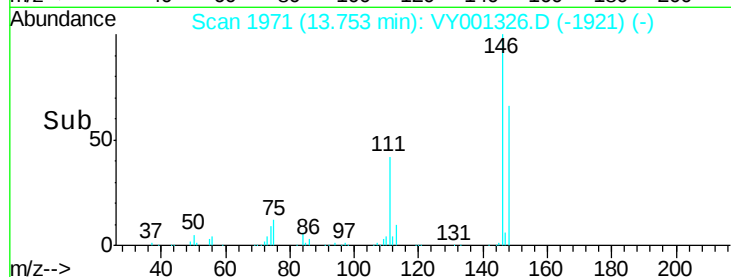
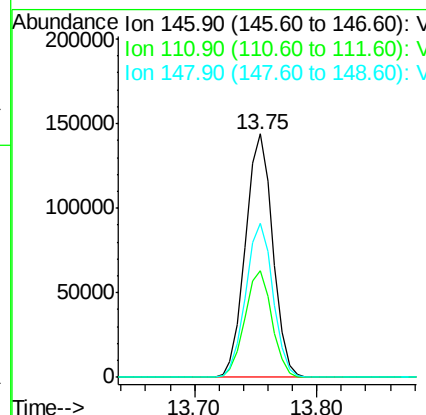
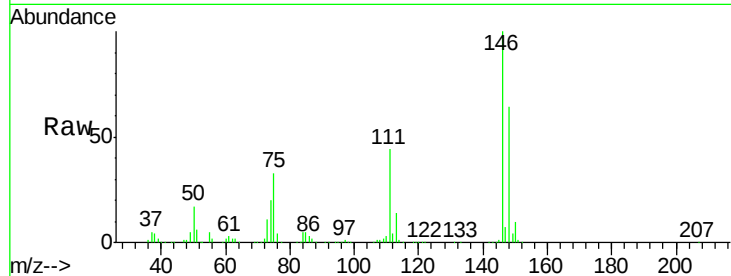
#91
 1,2-Dichlorobenzene
 Concen: 50.961 ug/l
 RT: 13.75 min Scan# 1971
 Delta R.T. 0.01 min
 Lab File: VY001326.D
 Acq: 21 Jan 2020 17:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY012120

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.6	21.1	63.4
148	63.7	31.5	94.5

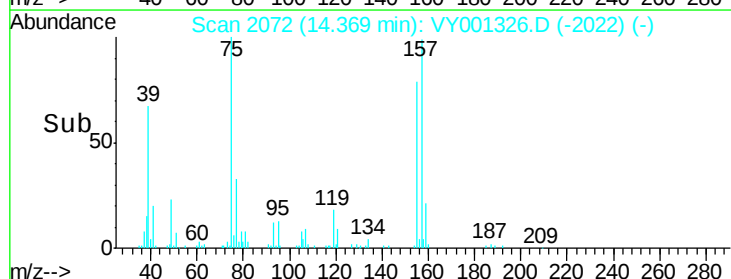
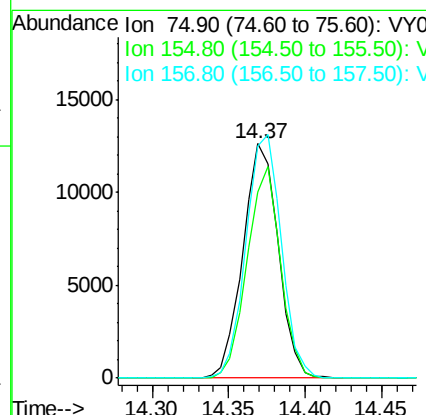
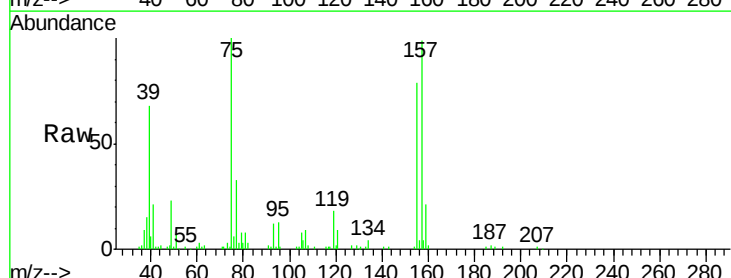
Manual Integrations
 APPROVED

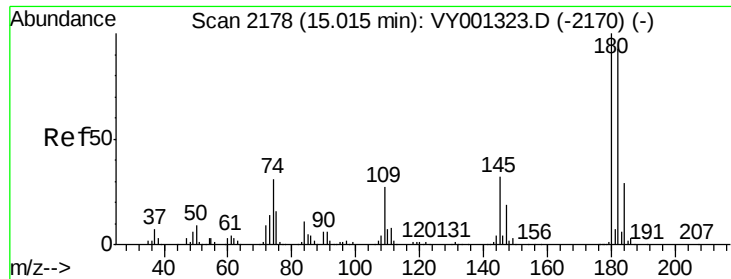
MMDadoda
 1/22/2020 10:50:01 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.487 ug/l
 RT: 14.37 min Scan# 2072
 Delta R.T. 0.01 min
 Lab File: VY001326.D
 Acq: 21 Jan 2020 17:10

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.8	43.0	129.2
157	103.8	53.3	160.0





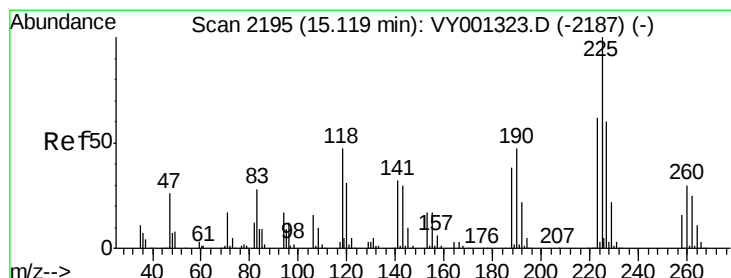
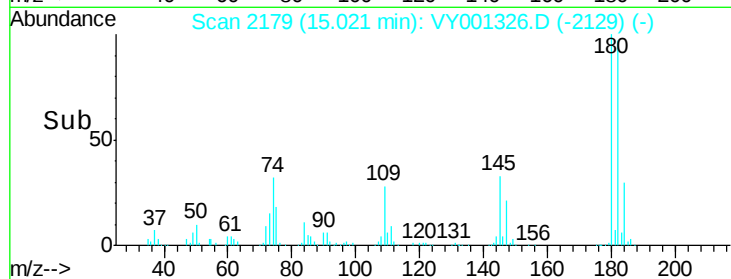
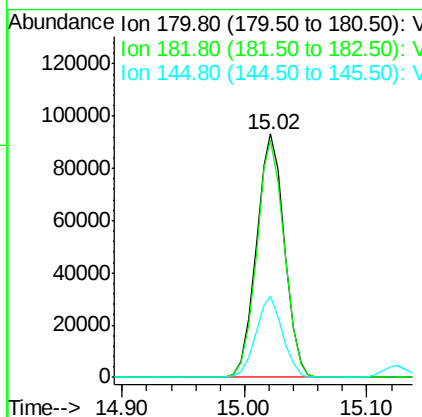
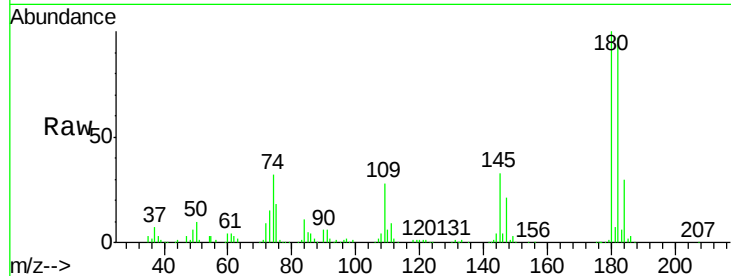
#93
 1,2,4-Trichlorobenzene
 Concen: 50.560 ug/l
 RT: 15.02 min Scan# 2179
 Delta R.T. 0.01 min
 Lab File: VY001326.D
 Acq: 21 Jan 2020 17:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY012120

Tot Ion	Ratio	Resp	Lower	Upper
180	100	147801		
182	96.3	47.6	142.8	
145	31.9	16.3	48.9	

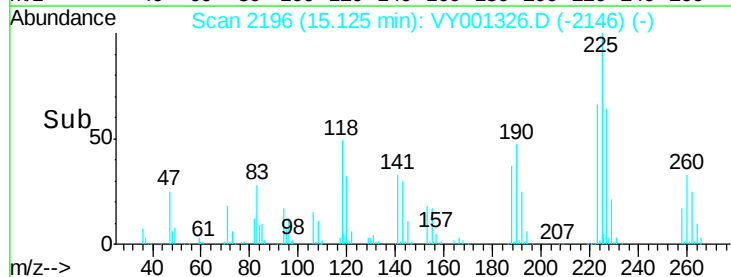
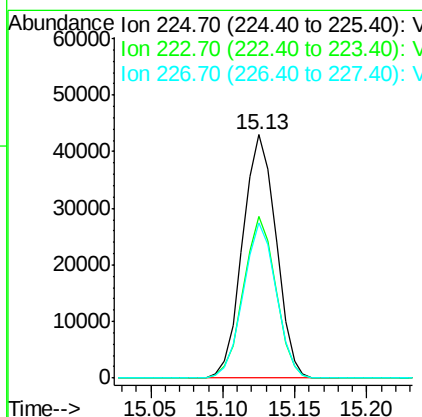
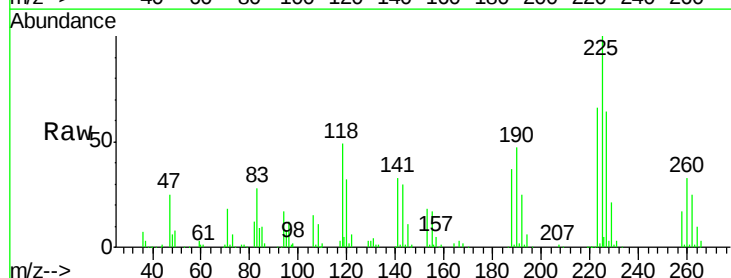
Manual Integrations
 APPROVED

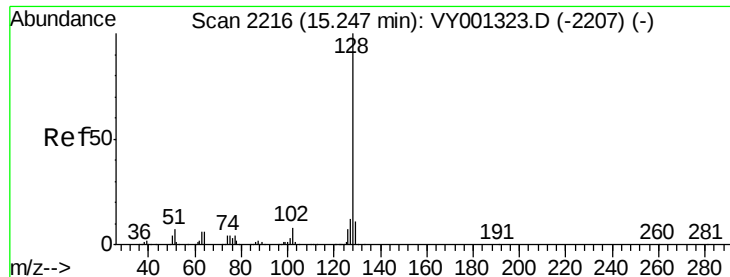
MMDadoda
 1/22/2020 10:50:01 AM



#94
 Hexachlorobutadiene
 Concen: 48.546 ug/l
 RT: 15.13 min Scan# 2196
 Delta R.T. 0.01 min
 Lab File: VY001326.D
 Acq: 21 Jan 2020 17:10

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	69099		
223	64.1	31.2	93.6	
227	62.6	31.0	93.0	





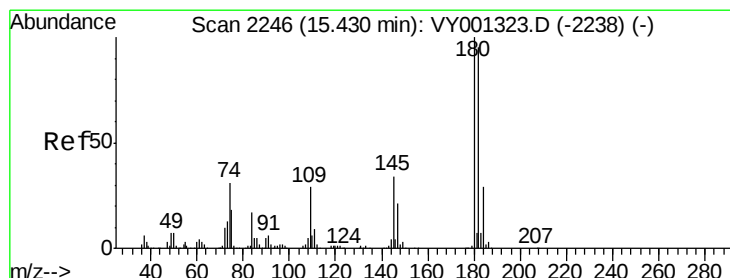
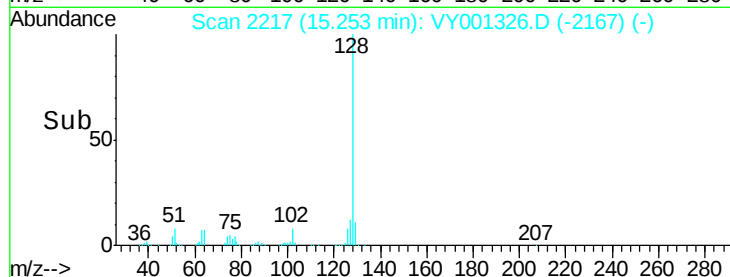
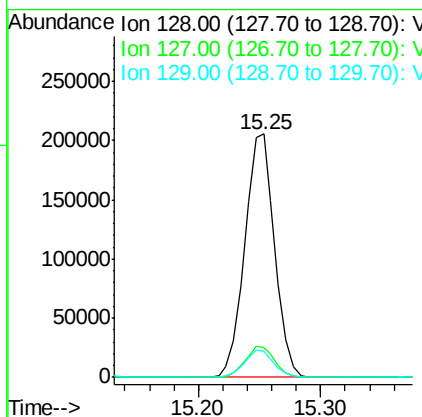
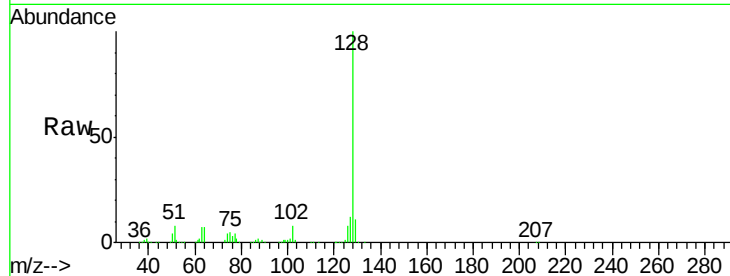
#95
Naphthalene
Concen: 51.713 ug/l
RT: 15.25 min Scan# 2217
Delta R.T. 0.01 min
Lab File: VY001326.D
Acq: 21 Jan 2020 17:10

Instrument :
MSVOA_Y
ClientSampleId :
ICVY012120

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.2
129	11.0	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
1/22/2020 10:50:01 AM



#96
1,2,3-Trichlorobenzene
Concen: 51.872 ug/l
RT: 15.44 min Scan# 2247
Delta R.T. 0.01 min
Lab File: VY001326.D
Acq: 21 Jan 2020 17:10

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	47.3	141.8
145	32.8	16.8	50.3

