

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY071620\
 Data File : VY003226.D
 Acq On : 16 Jul 2020 21:40
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/17/2020 4:43:11 PM

Quant Time: Jul 17 06:39:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	342005	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	513552	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	478862	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	249816	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	156992	54.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.78%	
35) Dibromofluoromethane	7.72	113	149742	50.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.34%	
50) Toluene-d8	10.18	98	536936	48.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.74%	
62) 4-Bromofluorobenzene	12.48	95	192742	48.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	115213	47.002	ug/l	96
3) Chloromethane	2.12	50	179319	52.740	ug/l	100
4) Vinyl Chloride	2.26	62	180894	51.854	ug/l	99
5) Bromomethane	2.65	94	135838	52.423	ug/l	98
6) Chloroethane	2.80	64	117330	51.206	ug/l	100
7) Trichlorofluoromethane	3.13	101	254232	51.030	ug/l	97
8) Diethyl Ether	3.54	74	91095	54.567	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.91	101	152602	50.717	ug/l	98
10) Methyl Iodide	4.10	142	151326	46.292	ug/l	98
11) Tert butyl alcohol	4.96	59	82645	264.771	ug/l	100
12) 1,1-Dichloroethene	3.88	96	144338	50.717	ug/l	98
13) Acrolein	3.74	56	77390	285.649	ug/l	98
14) Allyl chloride	4.49	41	250467	59.312	ug/l	97
15) Acrylonitrile	5.18	53	231261	288.379	ug/l	98
16) Acetone	3.96	43	181852	282.033	ug/l	94
17) Carbon Disulfide	4.20	76	460074	52.683	ug/l	99
18) Methyl Acetate	4.49	43	109061	60.906	ug/l	95
19) Methyl tert-butyl Ether	5.22	73	441750	55.389	ug/l	98
20) Methylene Chloride	4.72	84	207421	65.657	ug/l	98
21) trans-1,2-Dichloroethene	5.23	96	169452	52.643	ug/l	94
22) Diisopropyl ether	6.13	45	573951	61.240	ug/l	98
23) Vinyl Acetate	6.07	43	1872735	299.792	ug/l	97
24) 1,1-Dichloroethane	6.03	63	310940	57.266	ug/l	99
25) 2-Butanone	7.00	43	317927	300.304	ug/l	98
26) 2,2-Dichloropropane	6.99	77	254457	52.037	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	191247	53.962	ug/l	96
28) Bromochloromethane	7.34	49	141602	60.235	ug/l	92
29) Tetrahydrofuran	7.35	42	216037	303.761	ug/l	93
30) Chloroform	7.51	83	311990	55.789	ug/l	95
31) Cyclohexane	7.79	56	276102	52.586	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	275033	54.629	ug/l	98
36) 1,1-Dichloropropene	7.92	75	242338	52.066	ug/l	98
37) Ethyl Acetate	7.08	43	143269	57.157	ug/l	98
38) Carbon Tetrachloride	7.91	117	246056	51.208	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	286609	49.018	ug/l	94
40) Benzene	8.17	78	682108	53.223	ug/l	98
41) Methacrylonitrile	7.33	41	71995m	47.690	ug/l	
42) 1,2-Dichloroethane	8.24	62	211694	53.654	ug/l	100
43) Isopropyl Acetate	8.28	43	278943	57.493	ug/l	97
44) Trichloroethene	8.94	130	195004	49.635	ug/l	100
45) 1,2-Dichloropropane	9.22	63	183293	55.272	ug/l	99
46) Dibromomethane	9.31	93	102465	52.902	ug/l	98
47) Bromodichloromethane	9.50	83	250905	54.467	ug/l	98
48) Methyl methacrylate	9.30	41	124095	57.212	ug/l	95
49) 1,4-Dioxane	9.30	88	26445	1075.782	ug/l	91
51) 4-Methyl-2-Pentanone	10.07	43	737939	292.621	ug/l	97
52) Toluene	10.25	92	427861	52.232	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	255951	53.627	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	295205	53.682	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	144088	52.498	ug/l	98
56) Ethyl methacrylate	10.51	69	208013	55.746	ug/l	95
57) 1,3-Dichloropropane	10.79	76	249985	53.718	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	522556	274.593	ug/l	97
59) 2-Hexanone	10.83	43	511727	290.685	ug/l	97
60) Dibromochloromethane	10.99	129	181577	52.599	ug/l	99
61) 1,2-Dibromoethane	11.09	107	136392	50.351	ug/l	100
64) Tetrachloroethene	10.72	164	202016	47.314	ug/l	98
65) Chlorobenzene	11.52	112	468672	50.804	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	183819	51.304	ug/l	100
67) Ethyl Benzene	11.59	91	860267	52.228	ug/l	100
68) m/p-Xylenes	11.70	106	636981	101.923	ug/l	98
69) o-Xylene	12.03	106	301391	51.621	ug/l	97
70) Styrene	12.05	104	522939	52.358	ug/l	99
71) Bromoform	12.20	173	119030	50.617	ug/l #	100
73) Isopropylbenzene	12.33	105	827675	51.990	ug/l	100
74) N-amyl acetate	12.14	43	260254	58.262	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.58	83	164048	53.354	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	117774m	53.260	ug/l	
77) Bromobenzene	12.61	156	207298	51.083	ug/l	97
78) n-propylbenzene	12.67	91	1002233	53.408	ug/l	98
79) 2-Chlorotoluene	12.75	91	553030	52.820	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	698472	52.641	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	59237	52.135	ug/l	99
82) 4-Chlorotoluene	12.85	91	571855	52.329	ug/l	99
83) tert-Butylbenzene	13.08	119	618979	52.869	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	706178	52.896	ug/l	99
85) sec-Butylbenzene	13.25	105	847837	52.688	ug/l	100
86) p-Isopropyltoluene	13.37	119	784298	52.200	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	392089	51.094	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	389238	51.232	ug/l	100
89) n-Butylbenzene	13.69	91	743624	52.618	ug/l	99
90) Hexachloroethane	13.96	117	148395	54.235	ug/l	98
91) 1,2-Dichlorobenzene	13.73	146	348077	51.686	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	24516	49.182	ug/l	97

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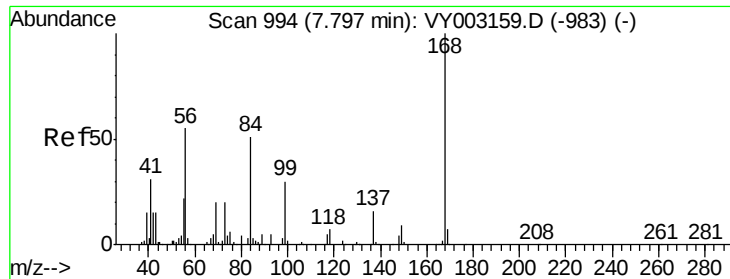
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	227862	47.561	ug/l	98
94) Hexachlorobutadiene	15.11	225	167490	51.021	ug/l	98
95) Naphthalene	15.23	128	379667	47.951	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	174235	46.007	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003226.D

Acq: 16 Jul 2020 21:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 342005

Ion Ratio Lower Upper

168 100

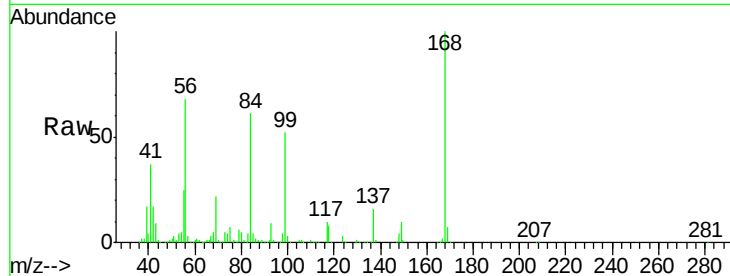
99 51.5 37.3 55.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY003159.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY003159.D (-983) (-)

7.80

150000

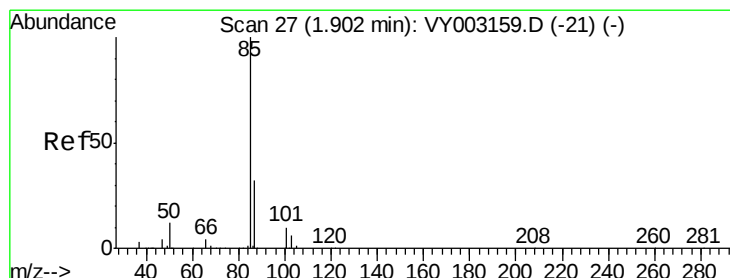
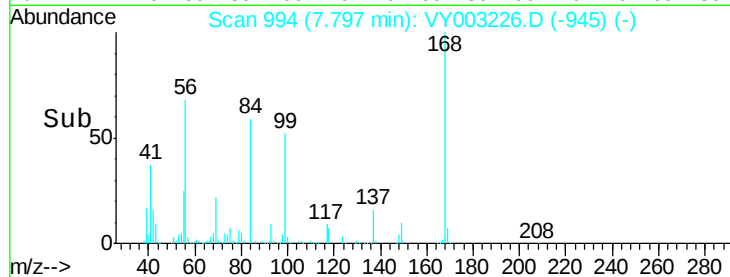
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 47.002 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY003226.D

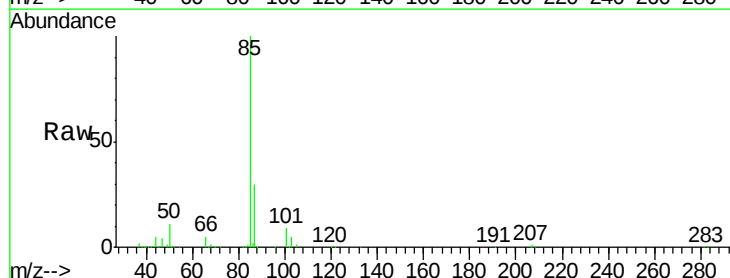
Acq: 16 Jul 2020 21:40

Tgt Ion: 85 Resp: 115213

Ion Ratio Lower Upper

85 100

87 29.8 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY003159.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY003159.D (-21) (-)

1.90

80000

60000

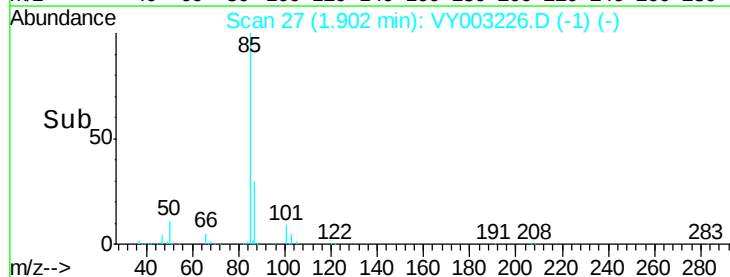
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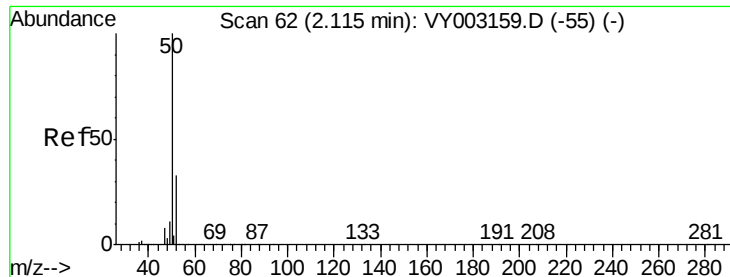
20000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 52.740 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003226.D

Acq: 16 Jul 2020 21:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 179319

Ion Ratio Lower Upper

50 100

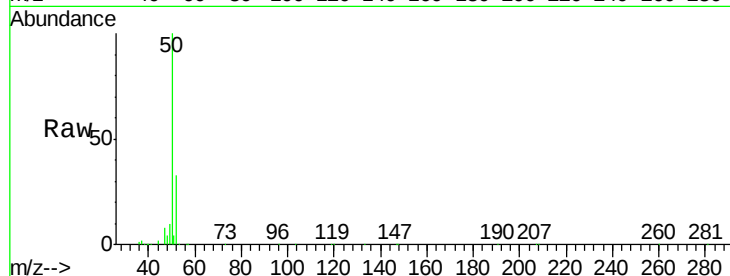
52 33.2 26.6 39.8

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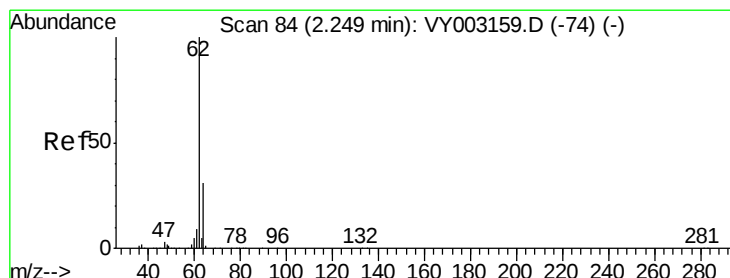
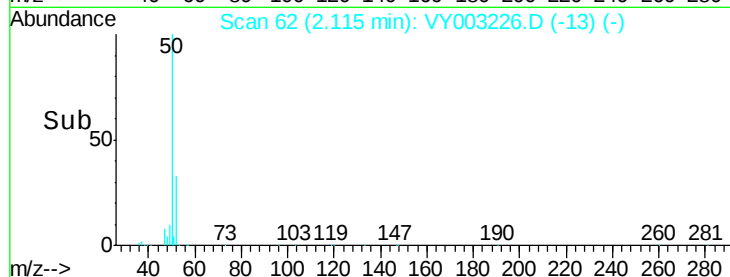
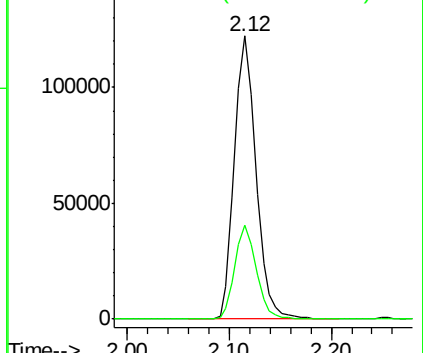
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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 51.854 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY003226.D

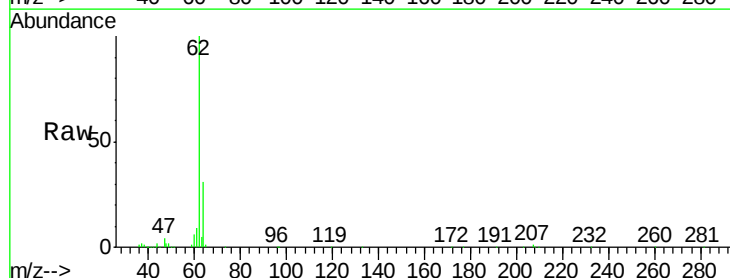
Acq: 16 Jul 2020 21:40

Tgt Ion: 62 Resp: 180894

Ion Ratio Lower Upper

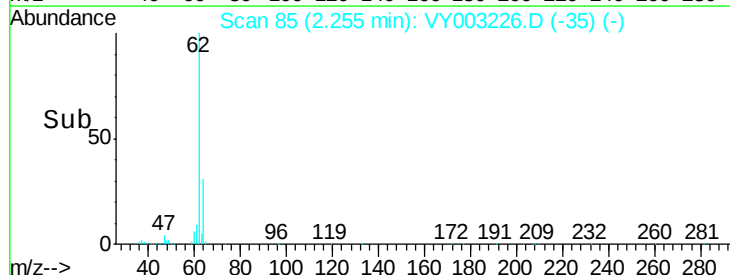
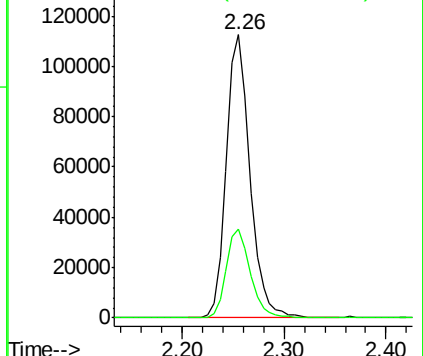
62 100

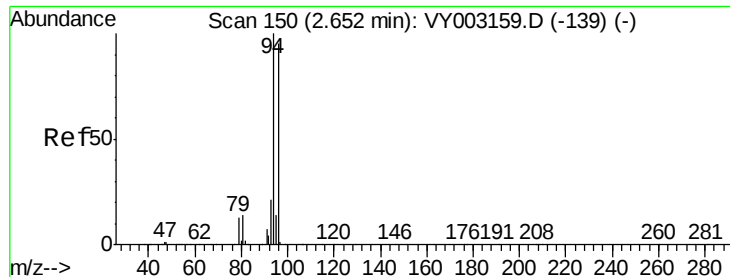
64 31.5 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 52.423 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.00 min

Lab File: VY003226.D

Acq: 16 Jul 2020 21:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 135838

Ion Ratio Lower Upper

94 100

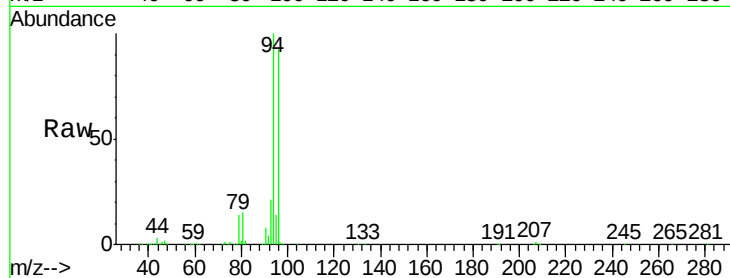
96 93.3 76.0 114.0

Manual Integrations

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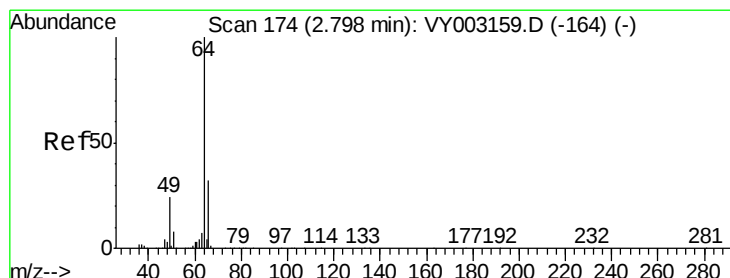
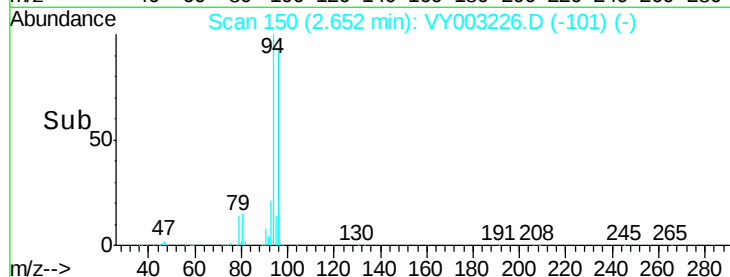
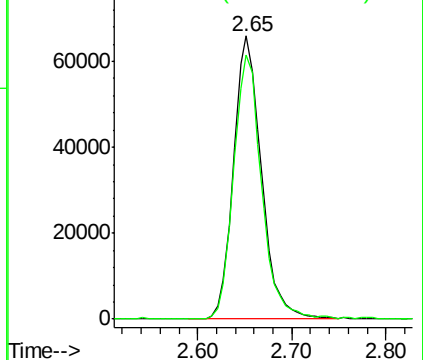
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 51.206 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.00 min

Lab File: VY003226.D

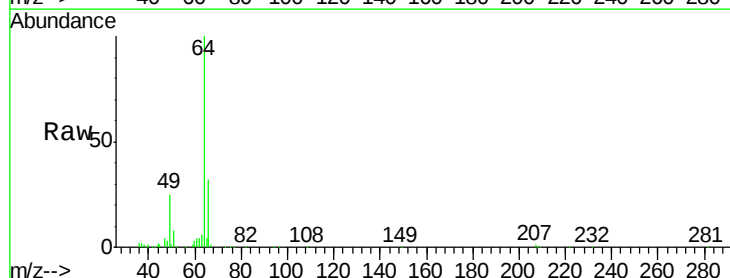
Acq: 16 Jul 2020 21:40

Tgt Ion: 64 Resp: 117330

Ion Ratio Lower Upper

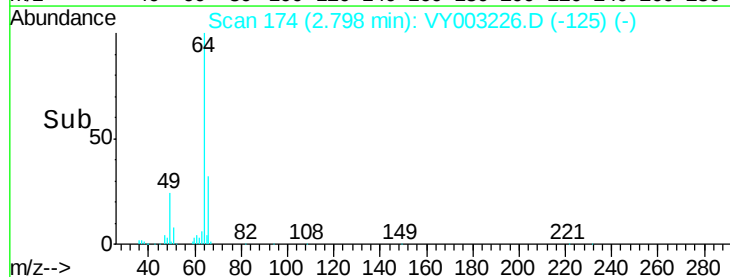
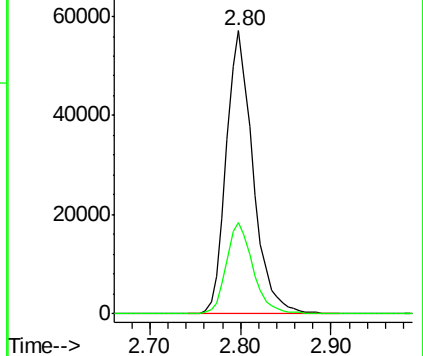
64 100

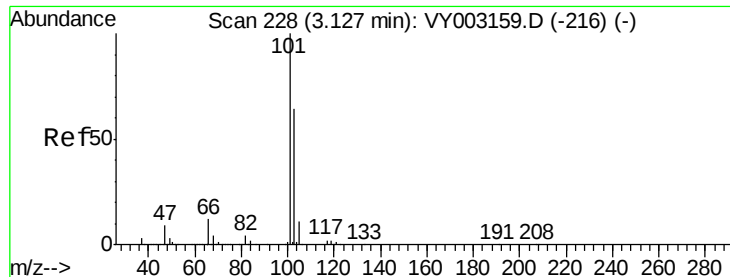
66 32.3 26.0 39.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

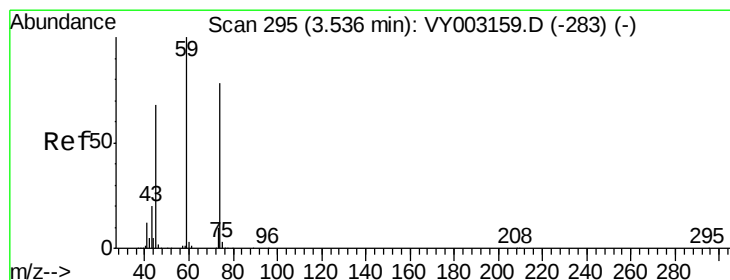
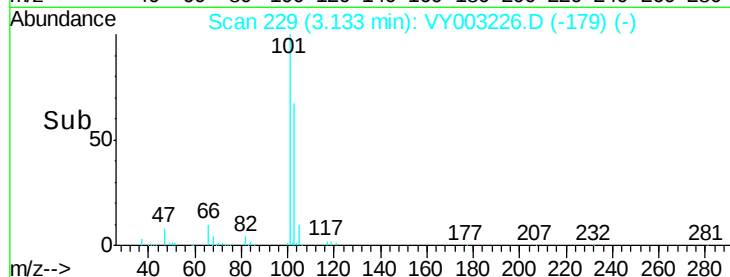
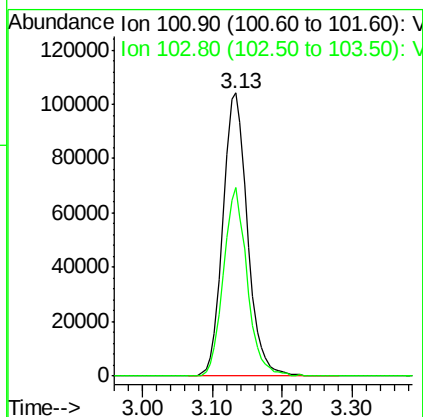
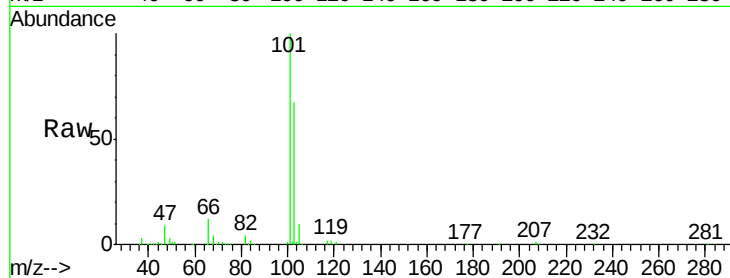
Trichlorofluoromethane
Concen: 51.030 ug/l
RT: 3.13 min Scan# 229
Delta R.T. 0.01 min
Lab File: VY003226.D
Acq: 16 Jul 2020 21:40

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Tot Ion	Ratio	Lower	Upper
101	100		
103	66.5	51.3	76.9

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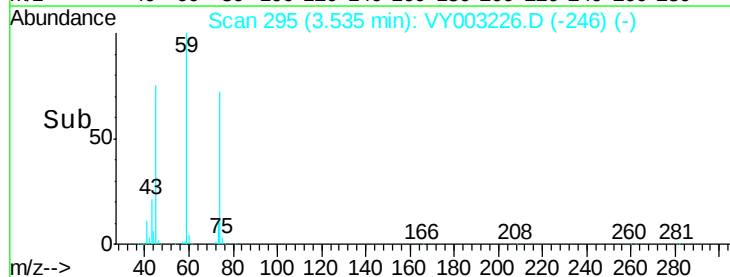
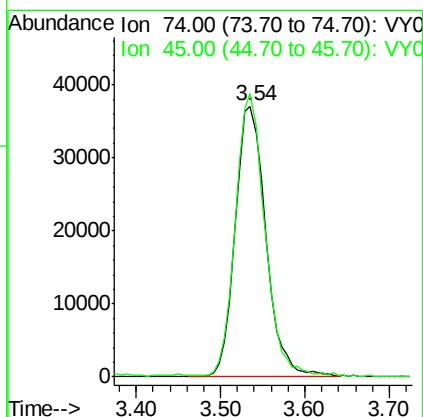
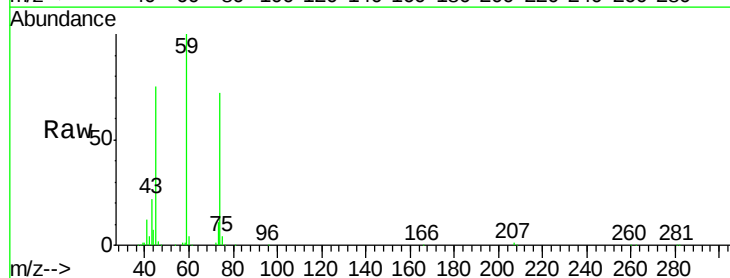
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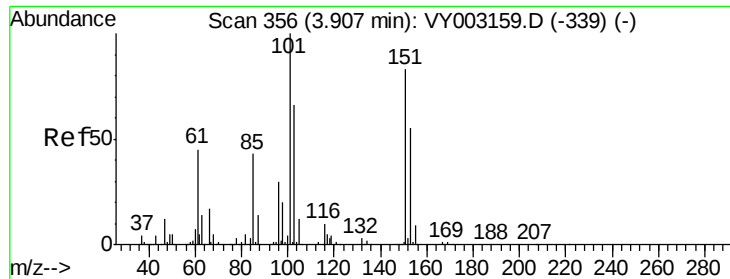


#8

Diethyl Ether
Concen: 54.567 ug/l
RT: 3.54 min Scan# 295
Delta R.T. -0.00 min
Lab File: VY003226.D
Acq: 16 Jul 2020 21:40

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.7	45.3	135.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.717 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.00 min

Lab File: VY003226.D

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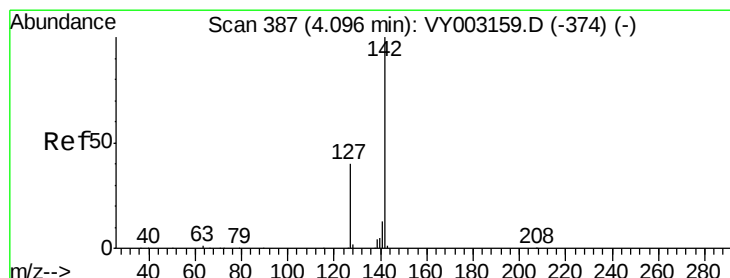
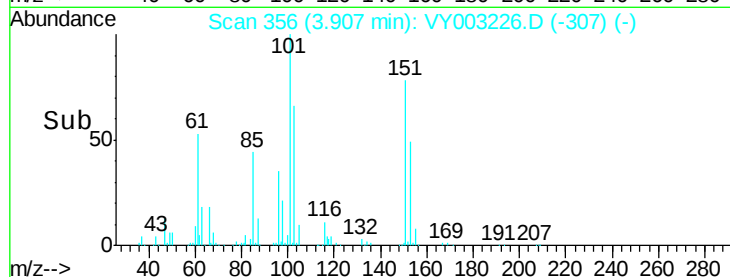
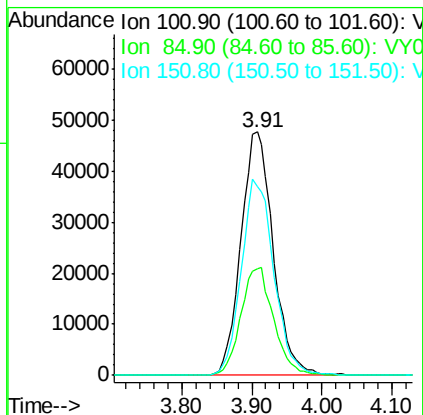
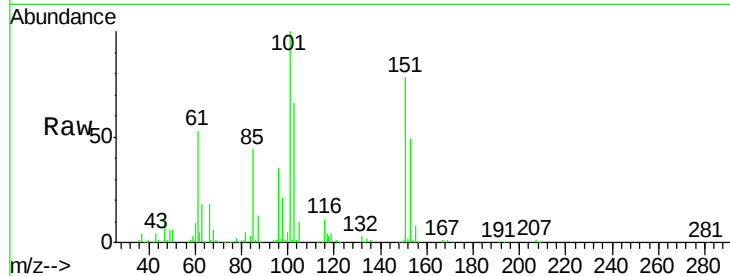
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	152602
Ion Ratio	Lower	Upper	
101	100		
85	45.0	34.9	52.3
151	81.4	67.0	100.6

Manual Integrations
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#10

Methyl Iodide

Concen: 46.292 ug/l

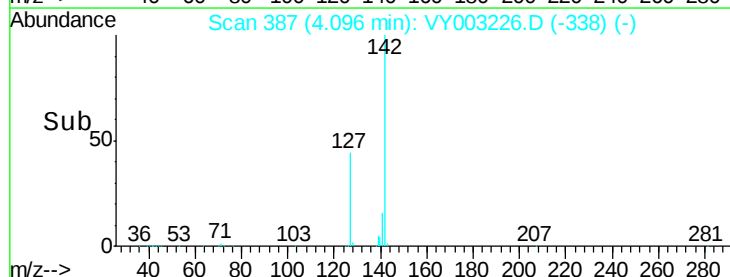
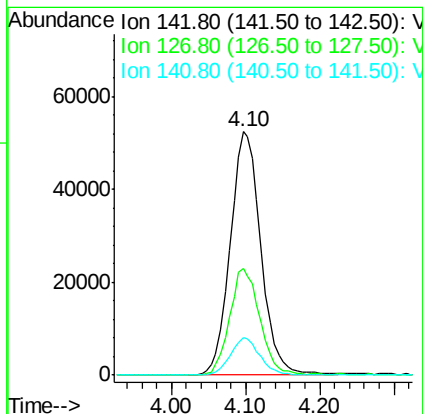
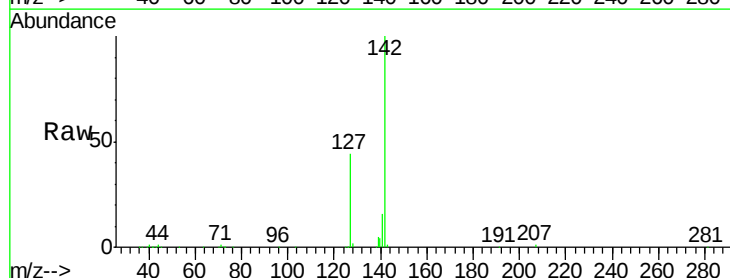
RT: 4.10 min Scan# 387

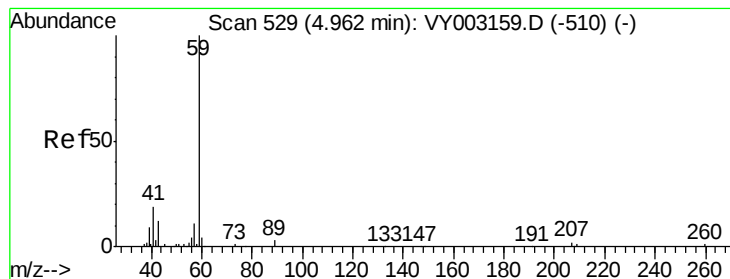
Delta R.T. -0.00 min

Lab File: VY003226.D

Acq: 16 Jul 2020 21:40

Tgt Ion:	142	Resp:	151326
Ion Ratio	Lower	Upper	
142	100		
127	43.2	33.5	50.3
141	14.8	11.2	16.8





#11

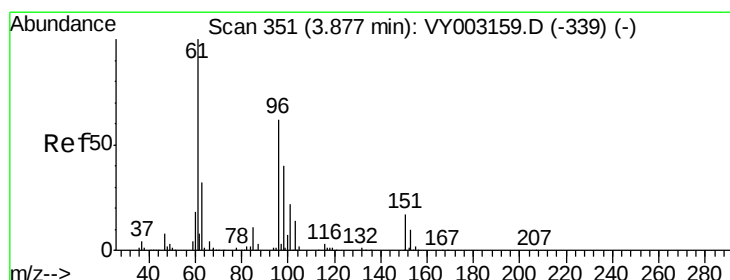
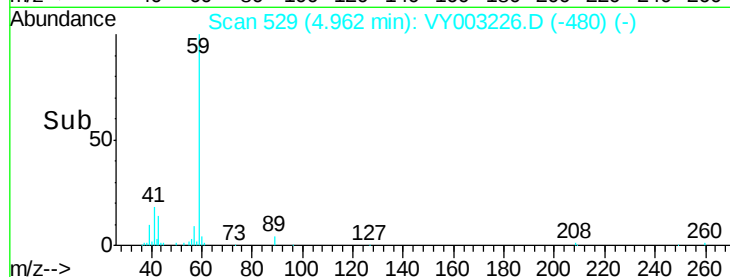
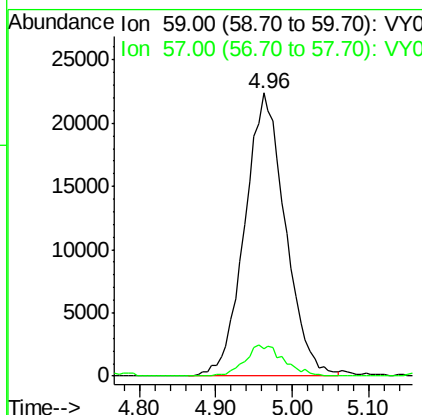
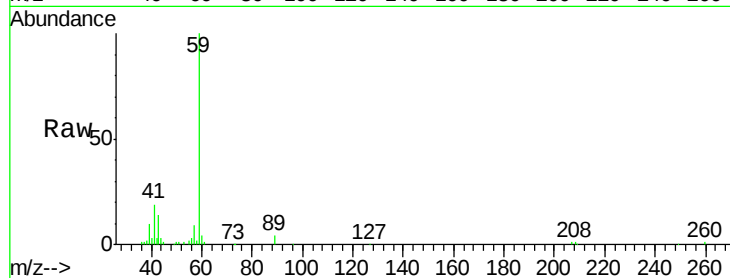
Tert butyl alcohol
Concen: 264.771 ug/l
RT: 4.96 min Scan# 529
Delta R.T. -0.00 min
Lab File: VY003226.D
Acq: 16 Jul 2020 21:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
59	59	100		
57	57	10.5	8.4	12.6

Manual Integrations
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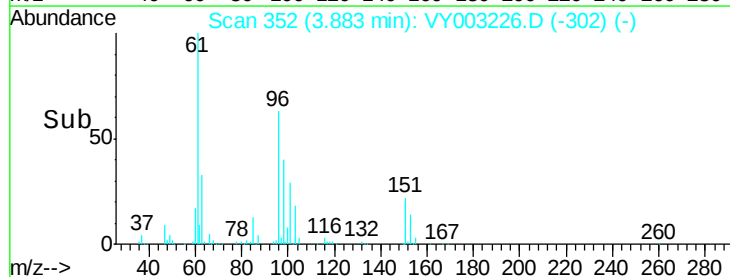
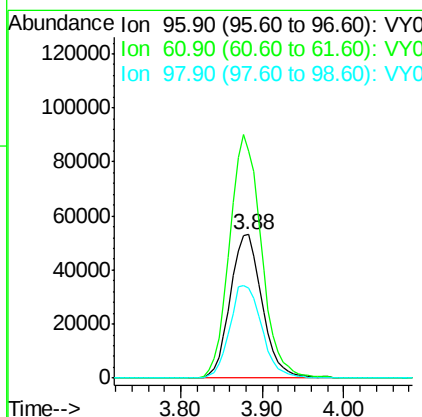
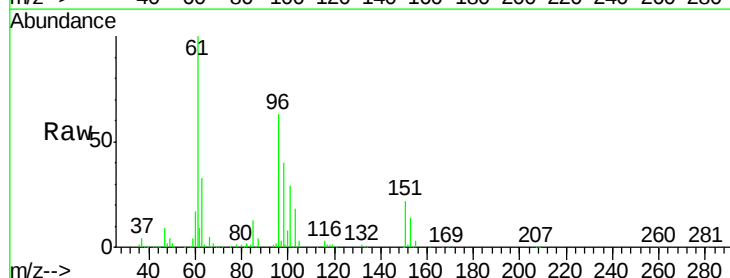
MMDadoda
7/17/2020 4:43:11 PM

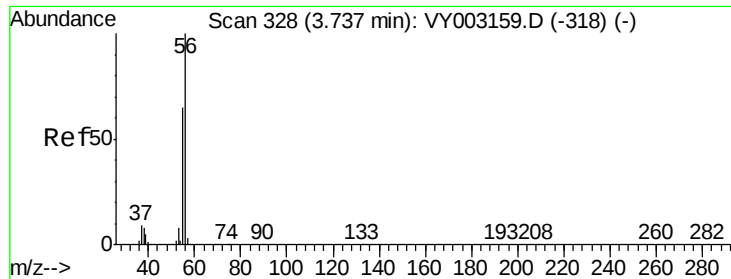


#12

1,1-Dichloroethene
Concen: 50.717 ug/l
RT: 3.88 min Scan# 352
Delta R.T. 0.01 min
Lab File: VY003226.D
Acq: 16 Jul 2020 21:40

Tgt Ion	Ion	Ratio	Lower	Upper
96	96	100		
61	61	158.2	128.6	193.0
98	98	62.5	51.6	77.4





#13

Acrolein

Concen: 285.649 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.00 min

Lab File: VY003226.D

Acq: 16 Jul 2020 21:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 77390

Ion Ratio Lower Upper

56 100

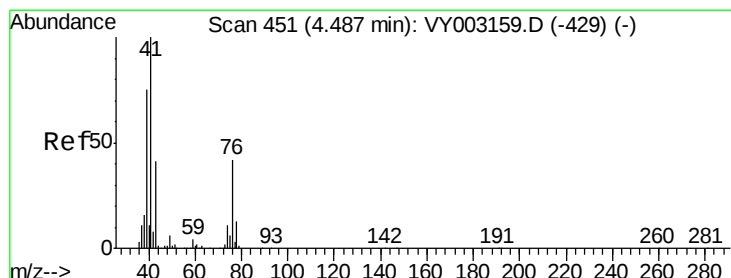
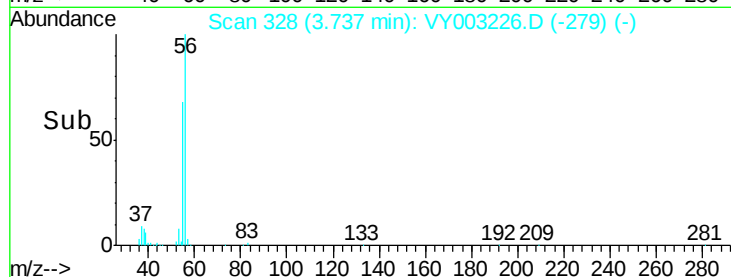
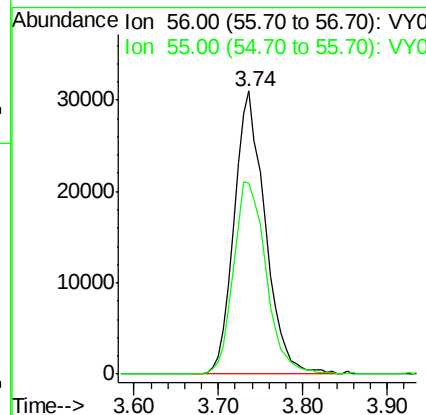
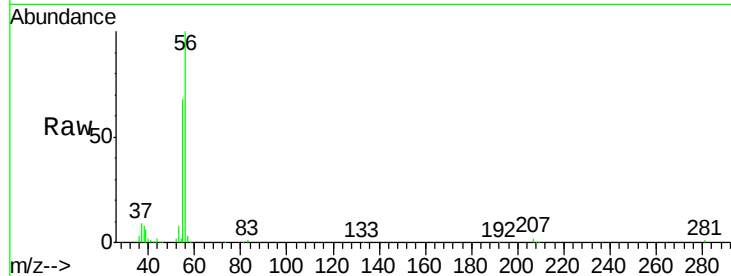
55 71.5 56.0 84.0

Manual Integrations

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#14

Allyl chloride

Concen: 59.312 ug/l

RT: 4.49 min Scan# 452

Delta R.T. 0.01 min

Lab File: VY003226.D

Acq: 16 Jul 2020 21:40

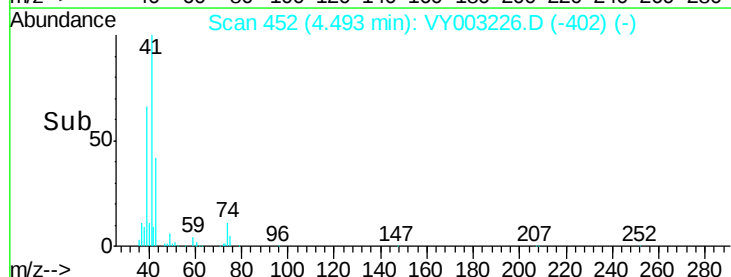
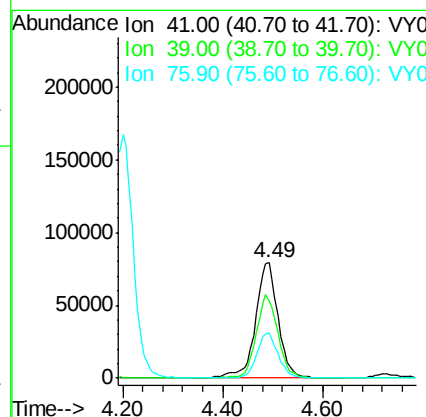
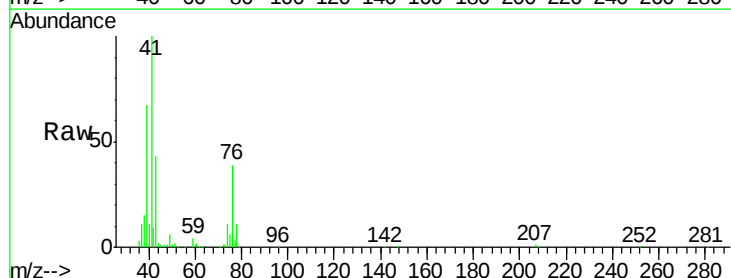
Tgt Ion: 41 Resp: 250467

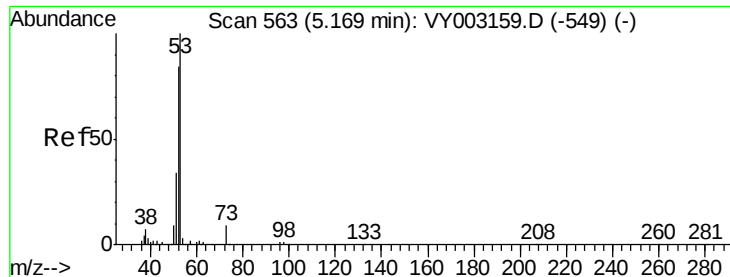
Ion Ratio Lower Upper

41 100

39 69.0 56.6 85.0

76 36.7 31.6 47.4





#15

Acrylonitrile

Concen: 288.379 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.01 min

Lab File: VY003226.D

Acq: 16 Jul 2020 21:40

Instrument :

MSVOA_Y

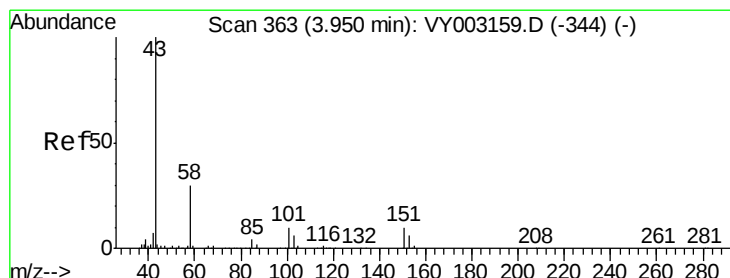
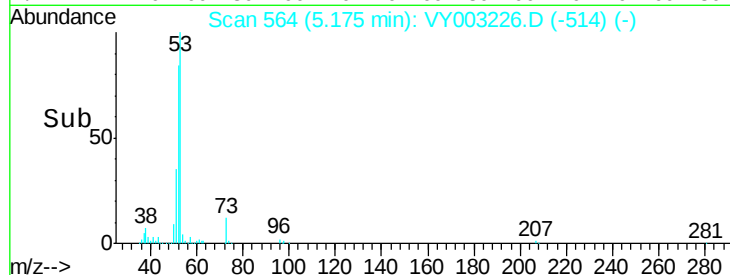
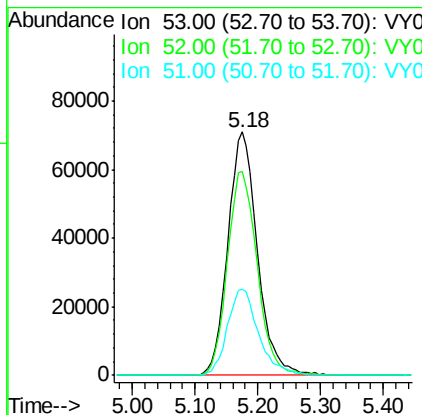
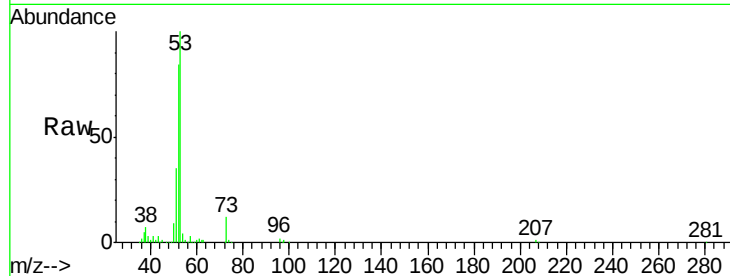
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	231261
Ion Ratio	Lower	Upper	
53	100		
52	84.5	65.8	98.6
51	37.5	29.0	43.4

Manual Integrations
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#16

Acetone

Concen: 282.033 ug/l

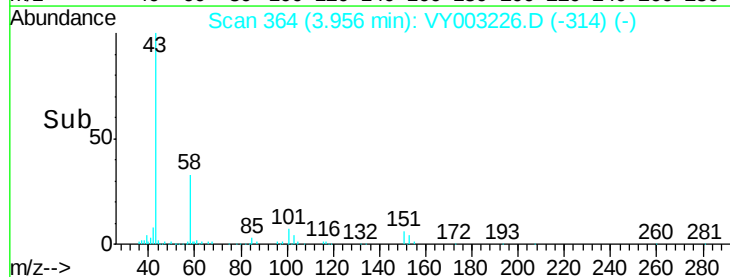
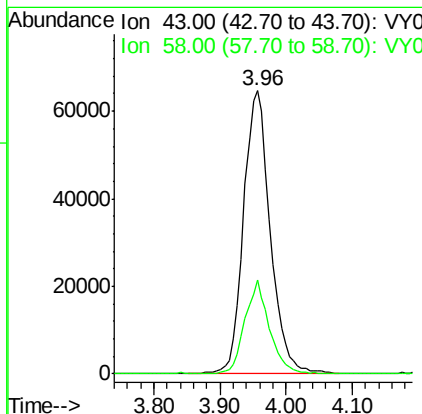
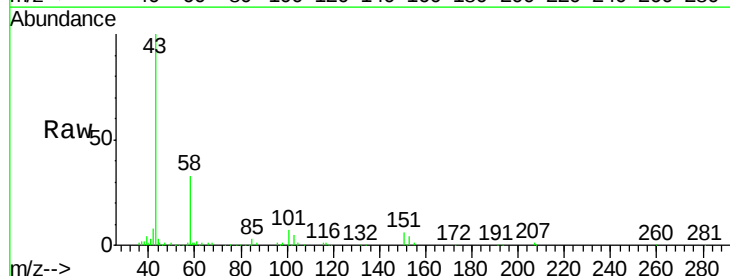
RT: 3.96 min Scan# 364

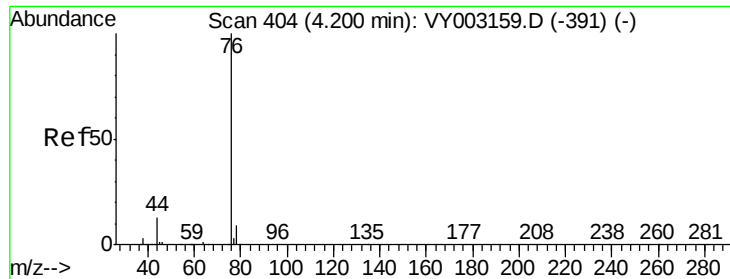
Delta R.T. 0.01 min

Lab File: VY003226.D

Acq: 16 Jul 2020 21:40

Tgt Ion:	43	Resp:	181852
Ion Ratio	Lower	Upper	
43	100		
58	33.2	23.8	35.6





#17

Carbon Disulfide

Concen: 52.683 ug/l

RT: 4.20 min Scan# 404

Delta R.T. -0.00 min

Lab File: VY003226.D

Acq: 16 Jul 2020 21:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 460074

Ion Ratio Lower Upper

76 100

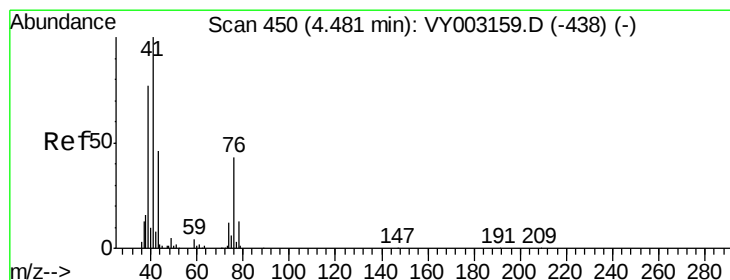
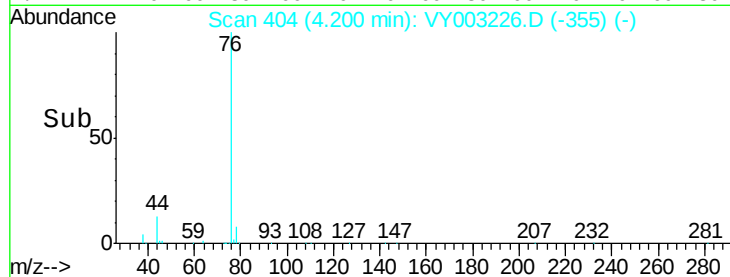
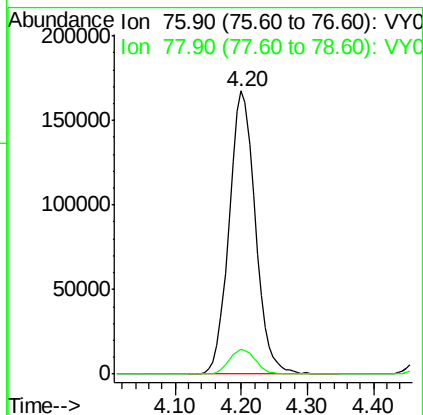
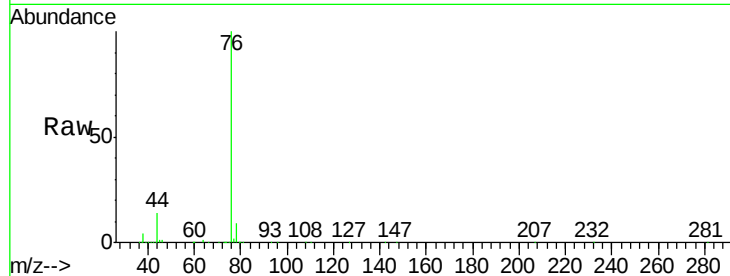
78 8.8 7.3 10.9

Manual Integrations

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#18

Methyl Acetate

Concen: 60.906 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY003226.D

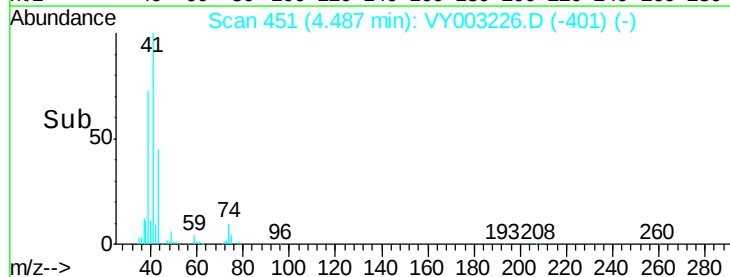
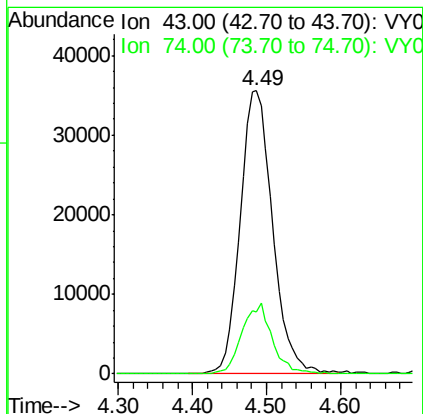
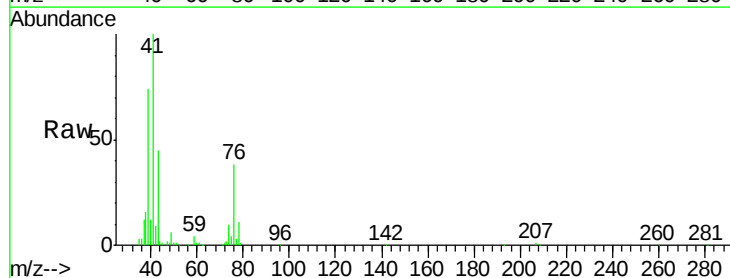
Acq: 16 Jul 2020 21:40

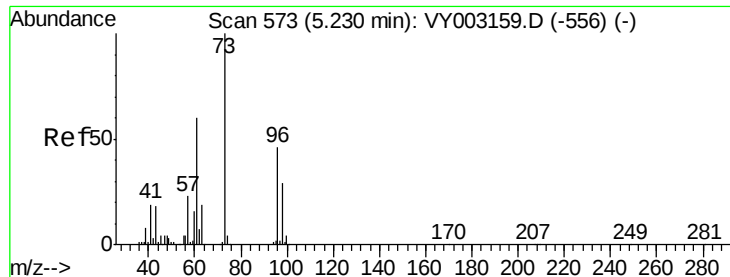
Tgt Ion: 43 Resp: 109061

Ion Ratio Lower Upper

43 100

74 23.3 20.8 31.2





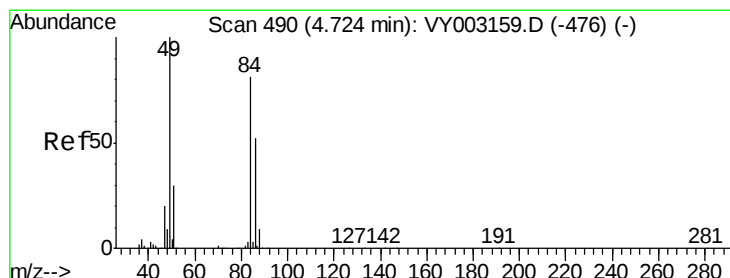
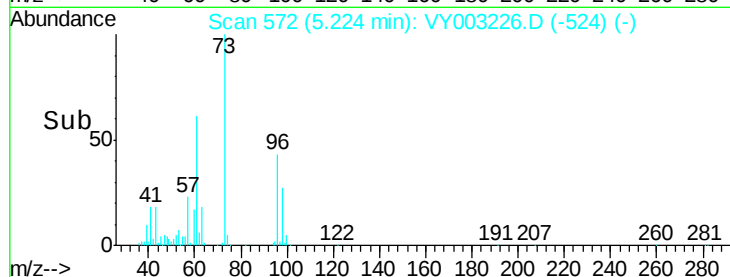
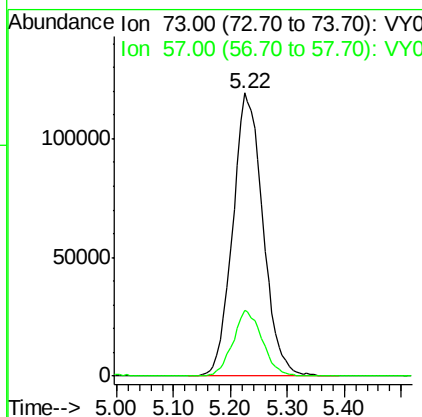
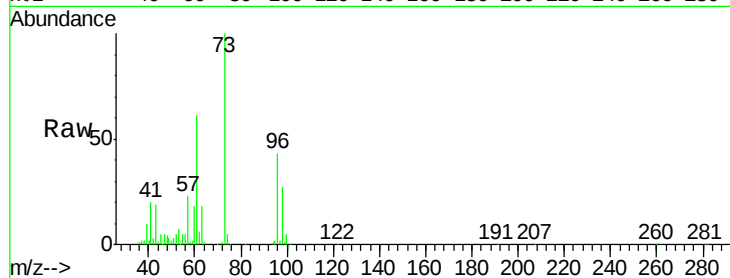
#19
Methvl tert-butvl Ether
Concen: 55.389 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY003226.D
Acq: 16 Jul 2020 21:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.4	18.1	27.1

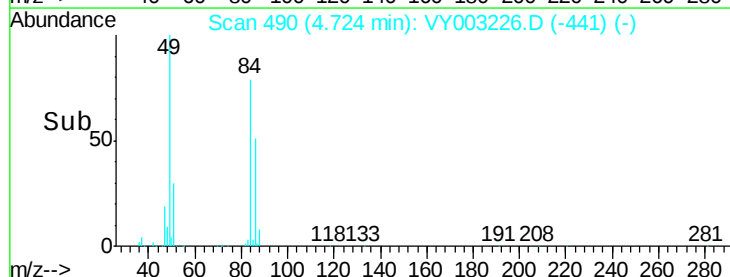
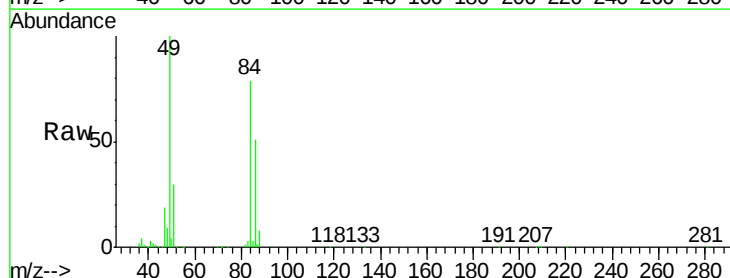
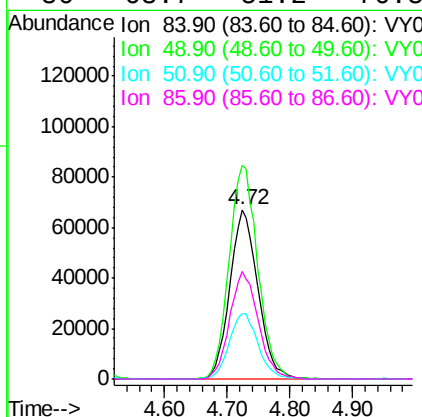
Manual Integrations
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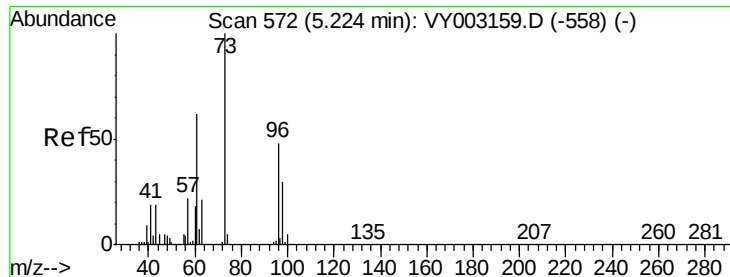
MMDadoda
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#20
Methylene Chloride
Concen: 65.657 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003226.D
Acq: 16 Jul 2020 21:40

Tgt Ion	Ratio	Lower	Upper
84	100		
49	126.1	98.2	147.4
51	38.2	29.8	44.6
86	63.7	51.2	76.8





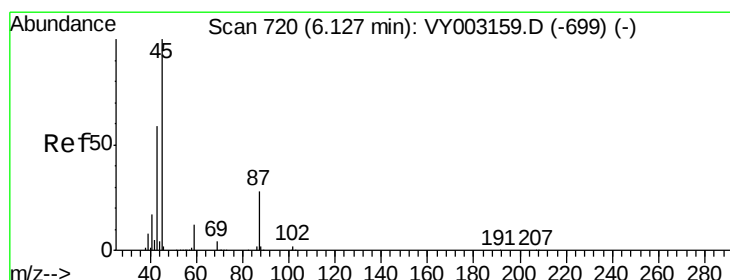
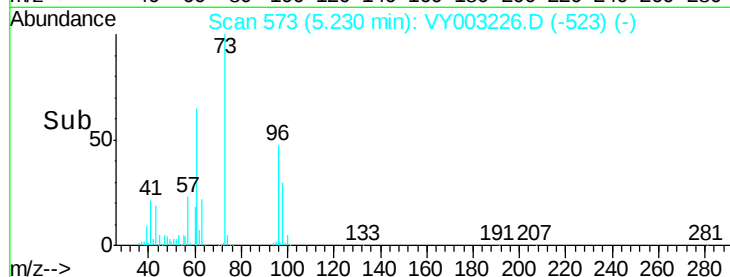
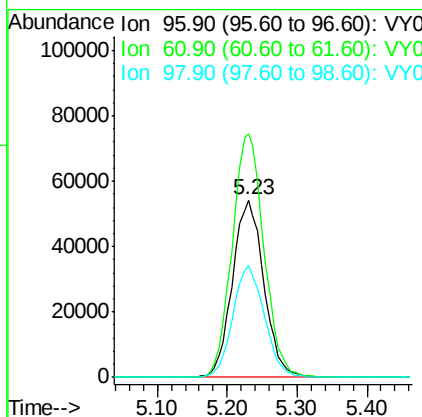
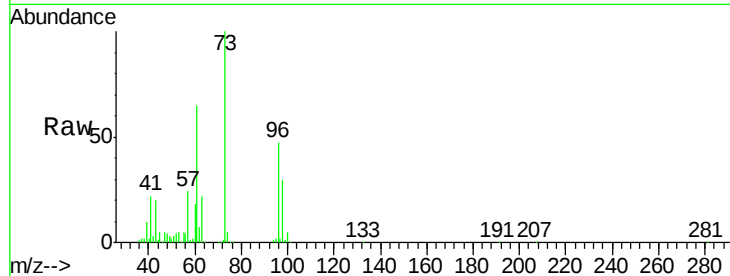
#21
trans-1,2-Dichloroethene
Concen: 52.643 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.01 min
Lab File: VY003226.D
Acq: 16 Jul 2020 21:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	137.3	102.5	153.7
98	62.8	49.8	74.8

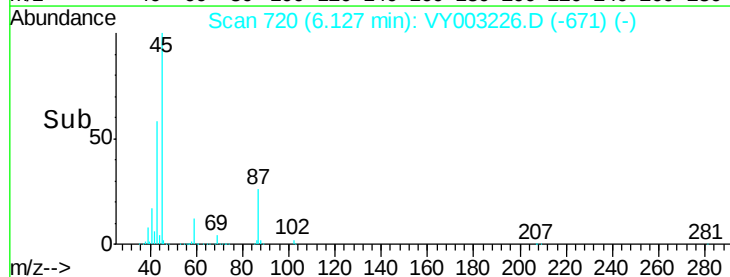
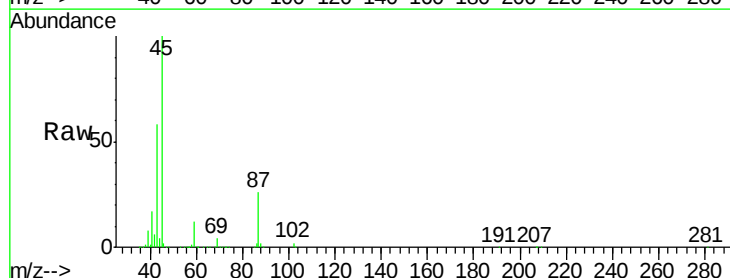
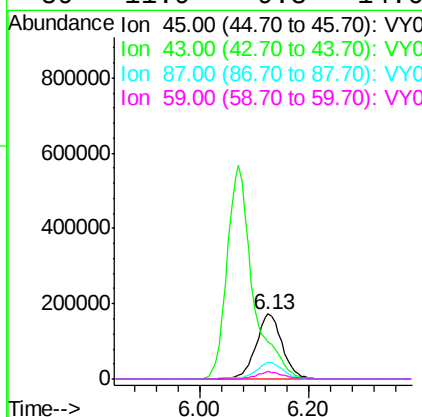
Manual Integrations
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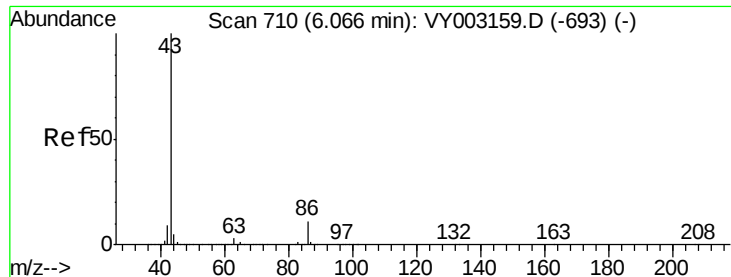
MMDadoda
7/17/2020 4:43:11 PM



#22
Diisopropyl ether
Concen: 61.240 ug/l
RT: 6.13 min Scan# 720
Delta R.T. -0.00 min
Lab File: VY003226.D
Acq: 16 Jul 2020 21:40

Tgt Ion	Ratio	Lower	Upper
45	100		
43	58.0	47.0	70.4
87	26.0	22.6	33.8
59	11.9	9.8	14.6





#23

Vinyl Acetate

Concen: 299.792 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.01 min

Lab File: VY003226.D

Acq: 16 Jul 2020 21:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1872735

Ion Ratio Lower Upper

43 100

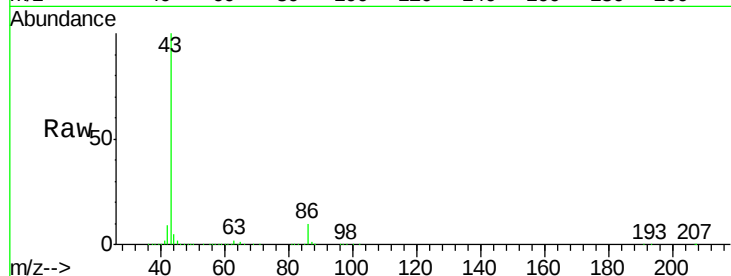
86 9.8 8.8 13.2

Manual Integrations

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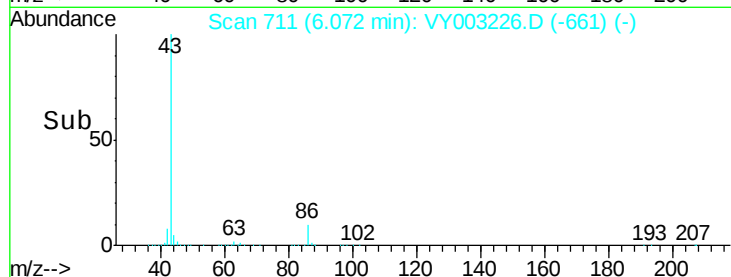
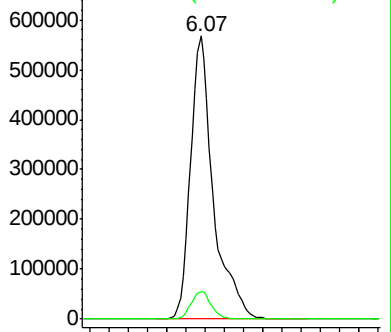
MMDadoda

7/17/2020 4:43:11 PM

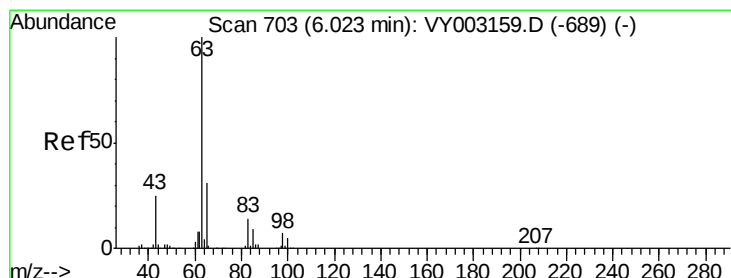


Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



Time-->



#24

1,1-Dichloroethane

Concen: 57.266 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.01 min

Lab File: VY003226.D

Acq: 16 Jul 2020 21:40

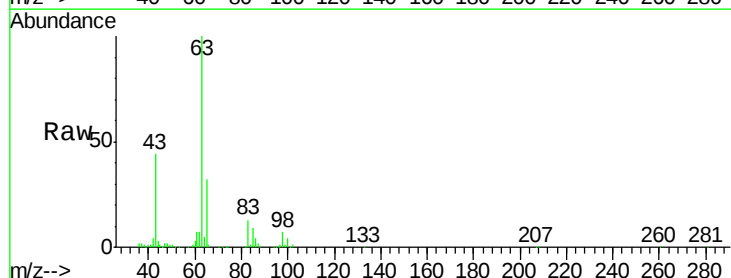
Tgt Ion: 63 Resp: 310940

Ion Ratio Lower Upper

63 100

98 6.9 3.6 10.8

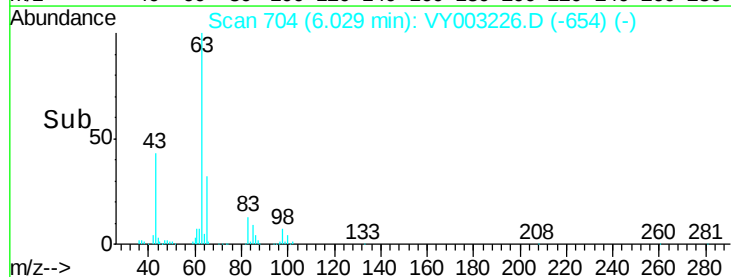
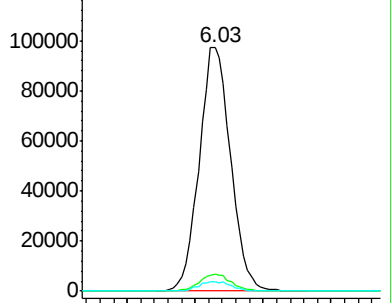
100 4.1 2.4 7.2



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0



Time-->



#25

2-Butanone

Concen: 300.304 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.01 min

Lab File: VY003226.D

Acq: 16 Jul 2020 21:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 317927

Ion Ratio Lower Upper

43 100

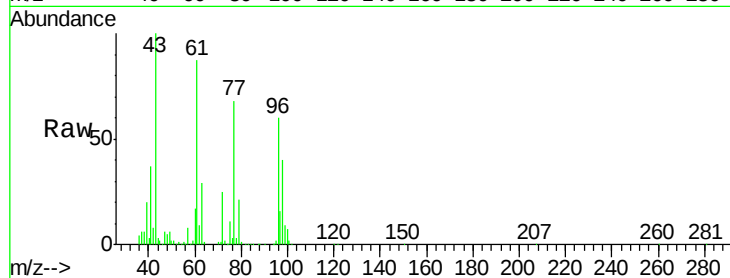
72 24.9 20.9 31.3

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

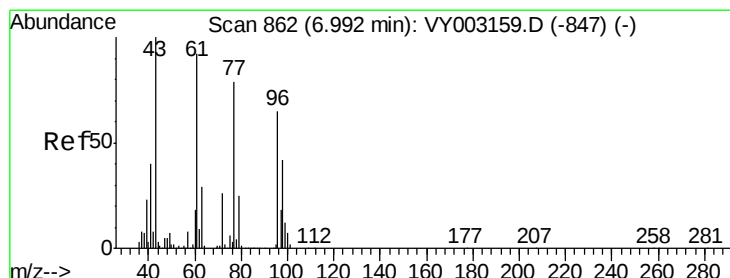
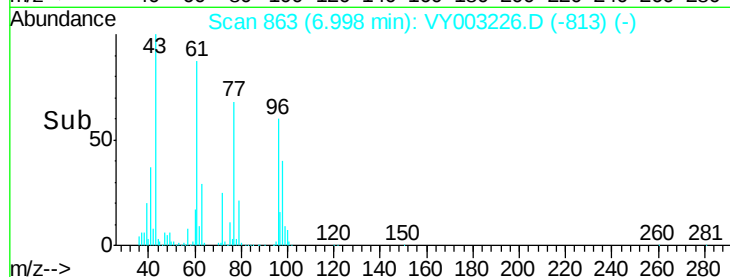
7.00

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 52.037 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY003226.D

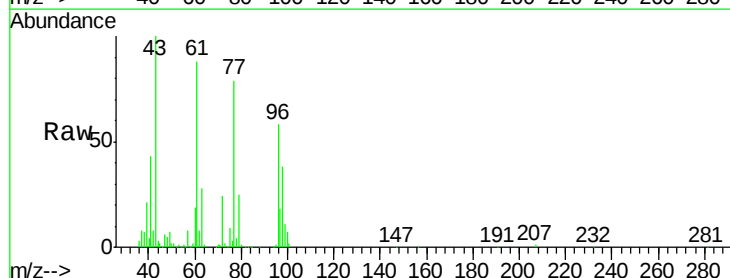
Acq: 16 Jul 2020 21:40

Tgt Ion: 77 Resp: 254457

Ion Ratio Lower Upper

77 100

97 22.5 11.6 34.7



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0

6.99

80000

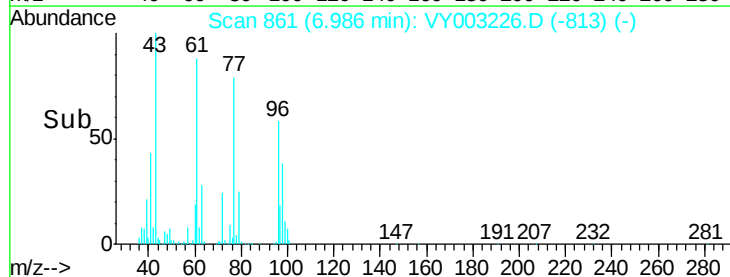
60000

40000

20000

0

Time-->





#27

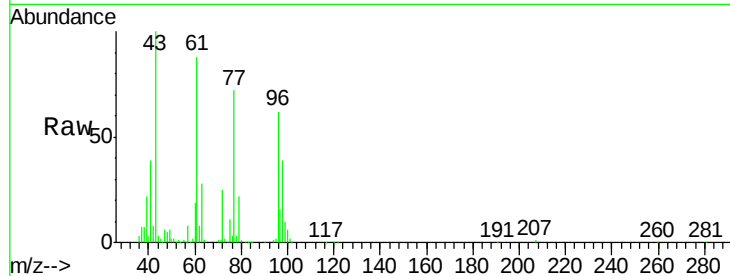
cis-1,2-Dichloroethene
Concen: 53.962 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY003226.D
Acq: 16 Jul 2020 21:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

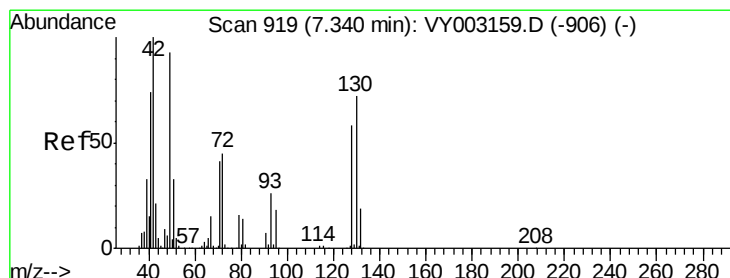
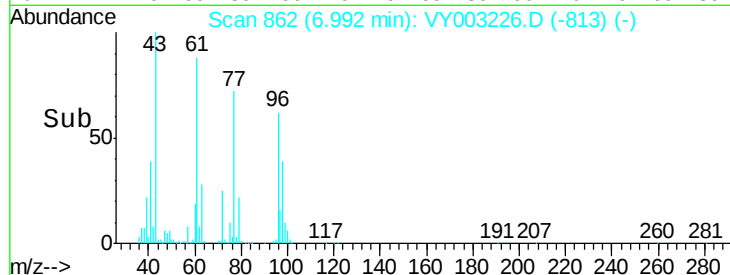
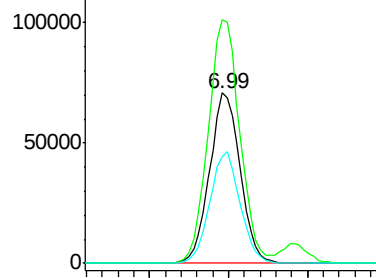
Tot Ion	Ratio	Lower	Upper
96	100		
61	147.5	0.0	281.2
98	64.7	0.0	129.8

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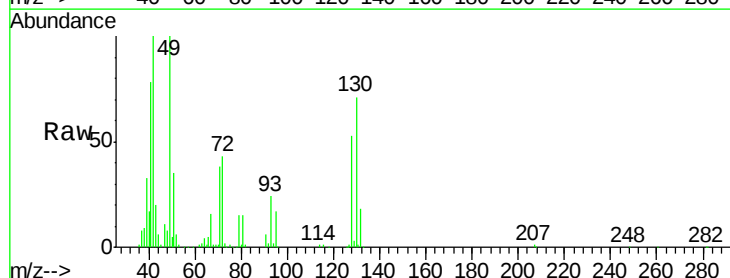
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



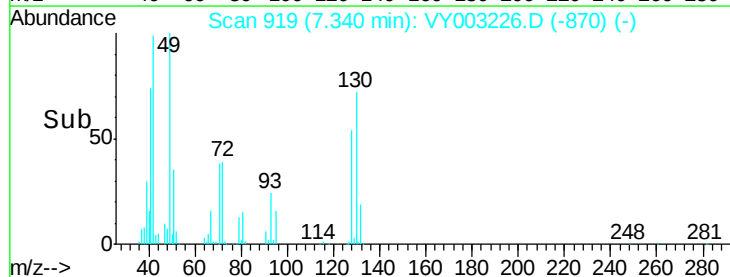
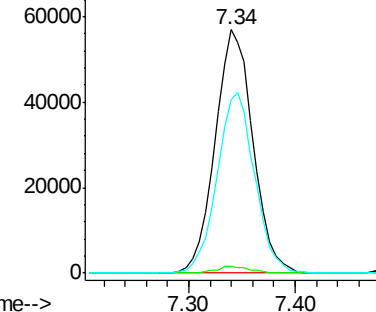
#28

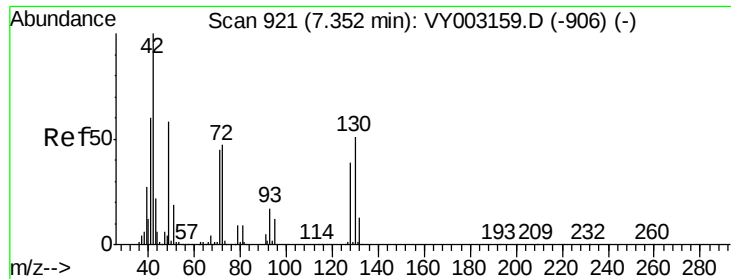
Bromochloromethane
Concen: 60.235 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.00 min
Lab File: VY003226.D
Acq: 16 Jul 2020 21:40

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	5.0
130	73.7	64.9	97.3



Abundance Ion 48.90 (48.60 to 49.60): VY0
Ion 128.80 (128.50 to 129.50): VY0
Ion 129.80 (129.50 to 130.50): VY0





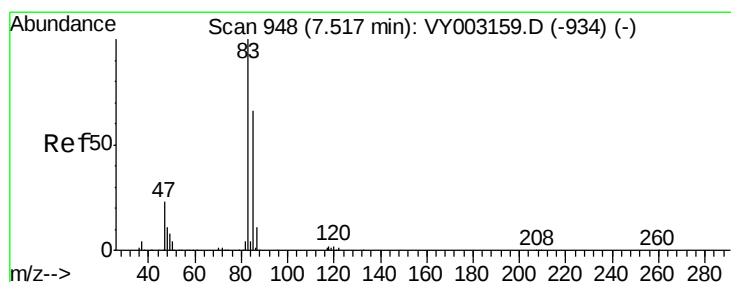
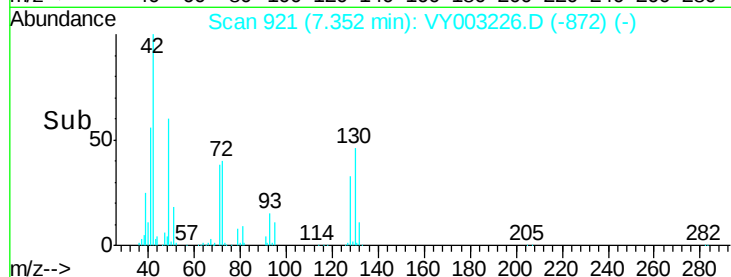
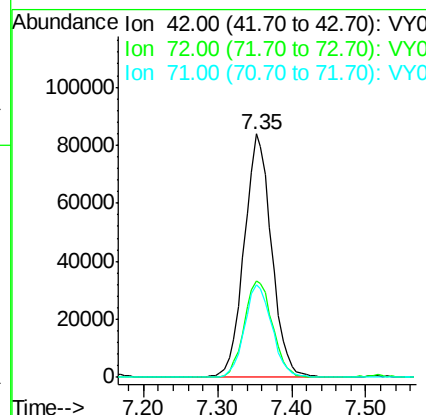
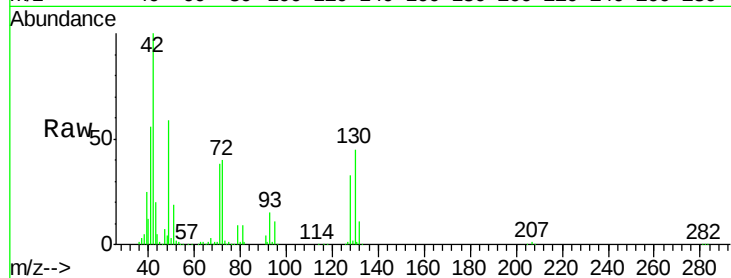
#29
Tetrahydrofuran
Concen: 303.761 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.00 min
Lab File: VY003226.D
Acq: 16 Jul 2020 21:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.3	36.7	55.1
71	38.1	34.2	51.4

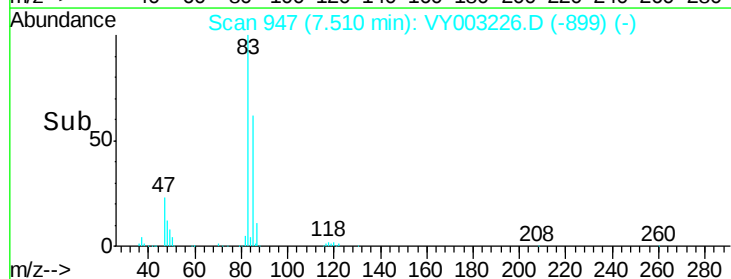
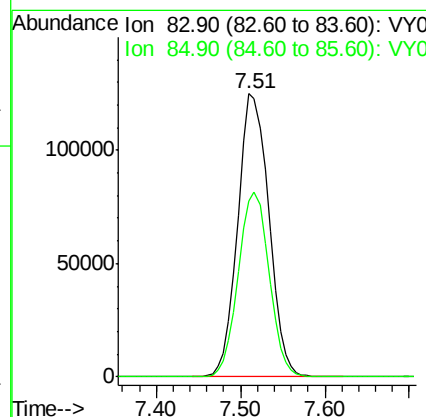
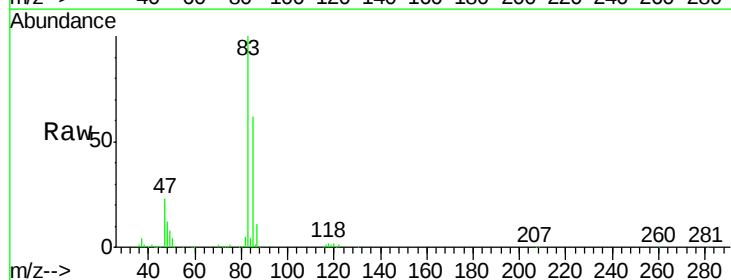
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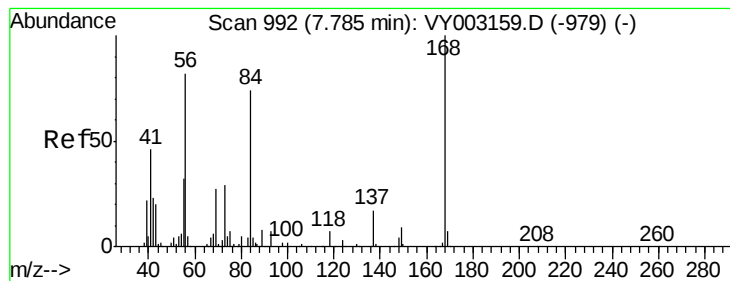
MMDadoda
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#30
Chloroform
Concen: 55.789 ug/l
RT: 7.51 min Scan# 947
Delta R.T. -0.01 min
Lab File: VY003226.D
Acq: 16 Jul 2020 21:40

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.1	52.6	78.8





#31

Cyclohexane

Concen: 52.586 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.01 min

Lab File: VY003226.D

Acq: 16 Jul 2020 21:40

Instrument :

MSVOA_Y

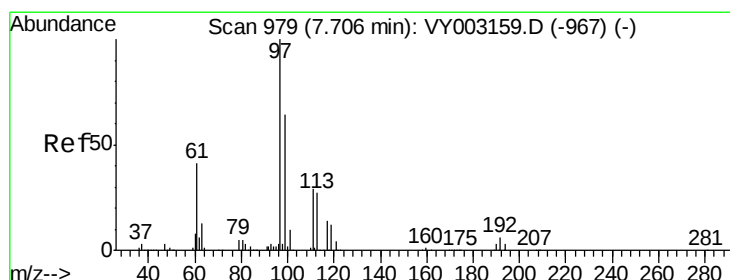
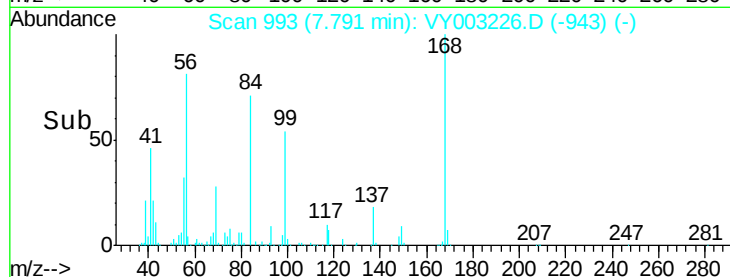
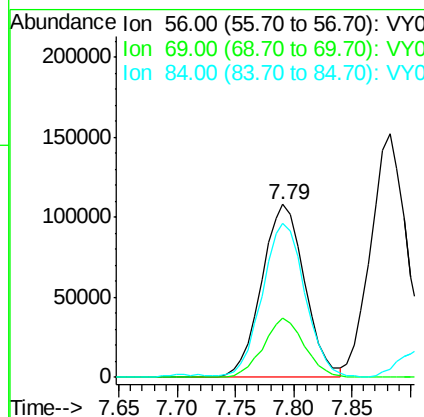
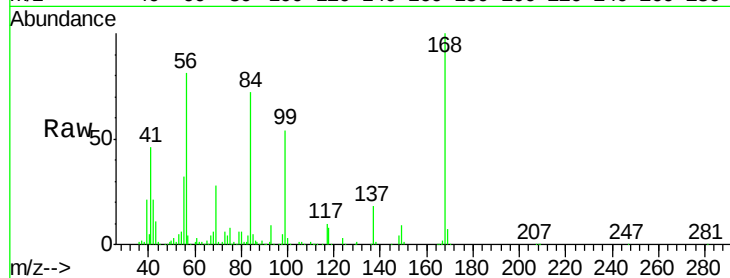
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	276102
Ion	Ratio	Lower	Upper
56	100		
69	34.2	26.7	40.1
84	87.9	72.3	108.5

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#32

1,1,1-Trichloroethane

Concen: 54.629 ug/l

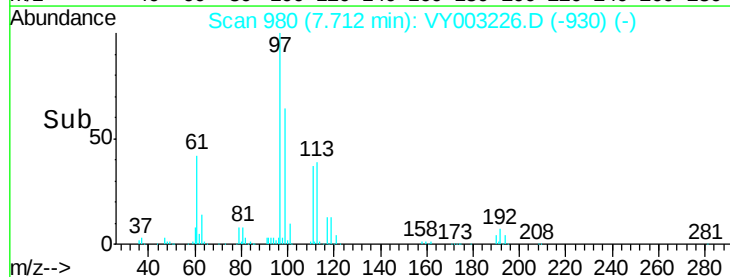
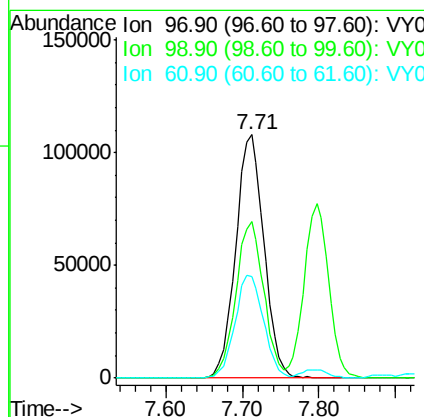
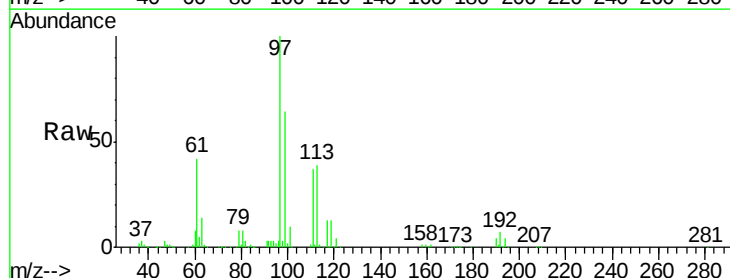
RT: 7.71 min Scan# 980

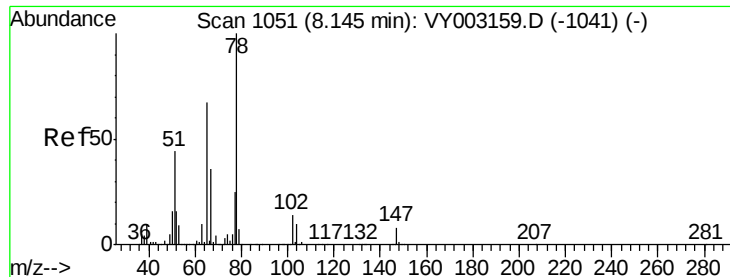
Delta R.T. 0.01 min

Lab File: VY003226.D

Acq: 16 Jul 2020 21:40

Tgt Ion:	97	Resp:	275033
Ion	Ratio	Lower	Upper
97	100		
99	63.6	52.1	78.1
61	43.0	33.9	50.9





#33

1,2-Dichloroethane-d4

Concen: 54.386 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.01 min

Lab File: VY003226.D

Acq: 16 Jul 2020 21:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 156992

Ion Ratio Lower Upper

65 100

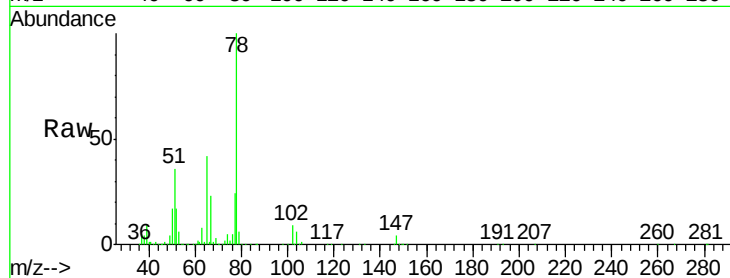
67 53.4 0.0 105.2

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Abundance Ion 64.90 (64.60 to 65.60): VY003226.D (-1041) (-)

Ion 66.90 (66.60 to 67.60): VY003226.D (-1041) (-)

8.15

60000

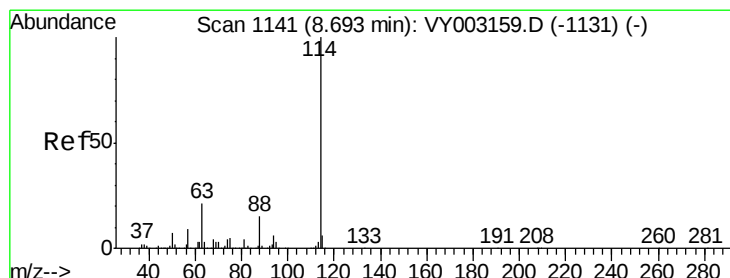
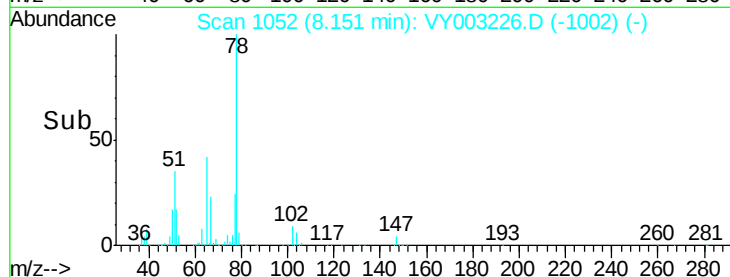
40000

20000

0

8.05 8.10 8.15 8.20 8.25

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.00 min

Lab File: VY003226.D

Acq: 16 Jul 2020 21:40

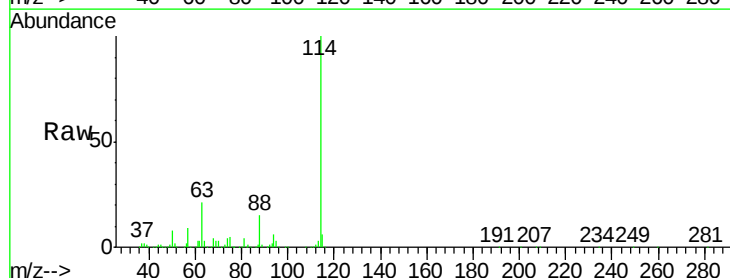
Tgt Ion: 114 Resp: 513552

Ion Ratio Lower Upper

114 100

63 20.6 0.0 41.2

88 14.9 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): VY003226.D (-1092) (-)

Ion 63.00 (62.70 to 63.70): VY003226.D (-1092) (-)

Ion 87.90 (87.60 to 88.60): VY003226.D (-1092) (-)

8.69

300000

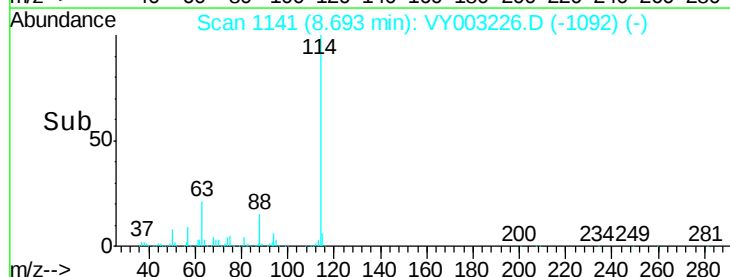
200000

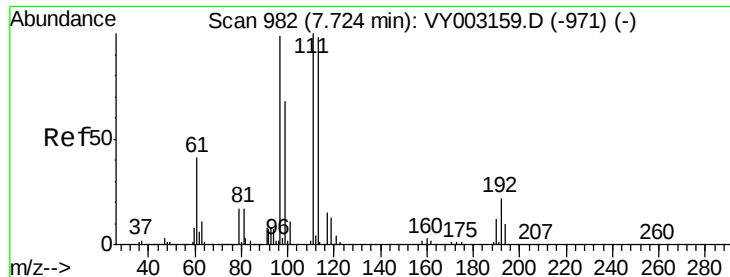
100000

0

8.60 8.70 8.80

Time-->





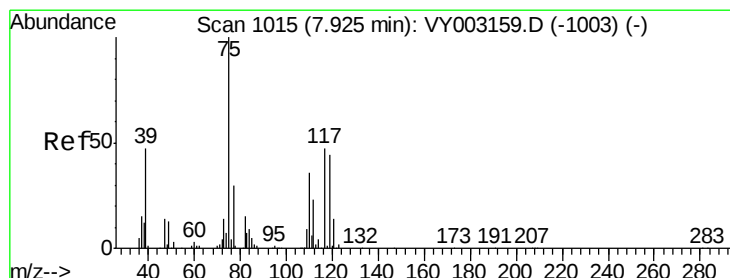
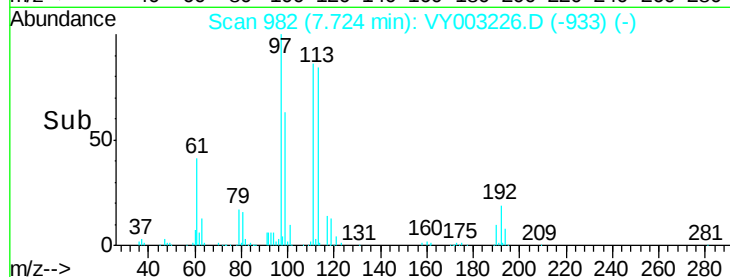
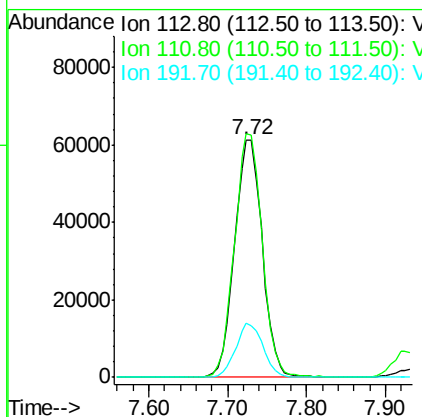
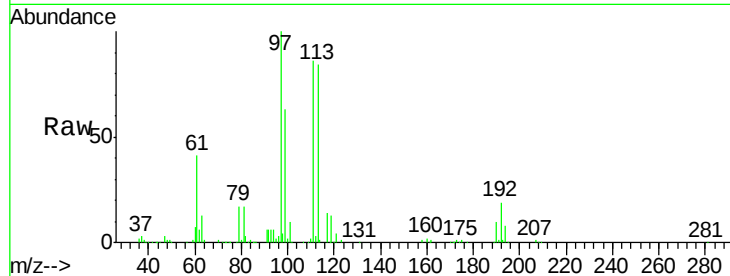
#35
 Dibromofluoromethane
 Concen: 50.668 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY003226.D
 Acq: 16 Jul 2020 21:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	149742		
111	102.9	82.1	123.1	
192	22.5	18.8	28.2	

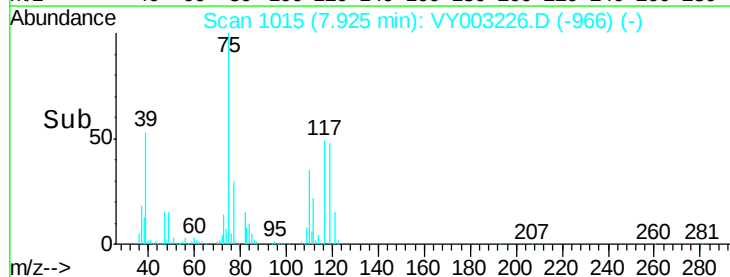
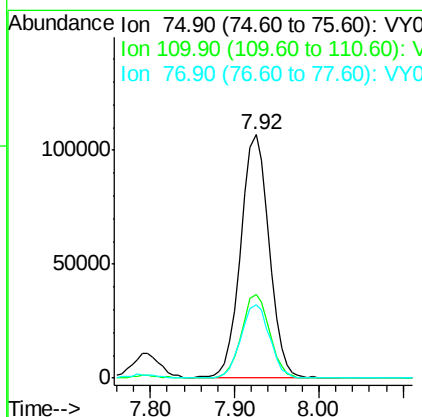
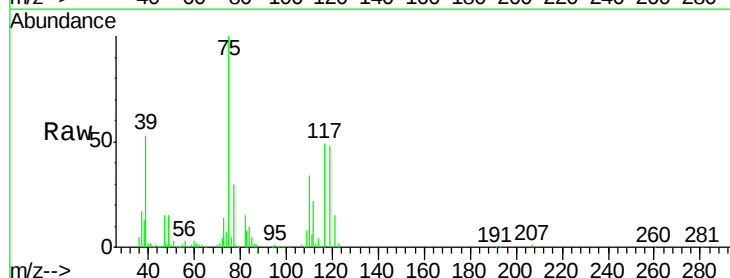
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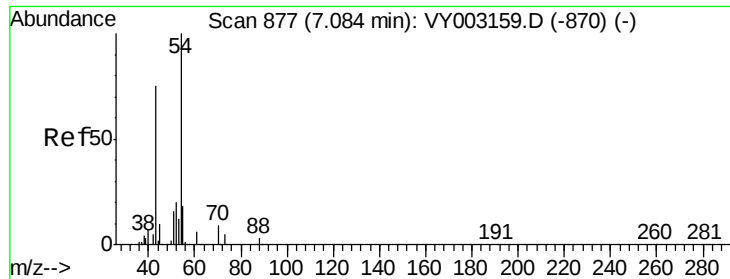
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#36
 1,1-Dichloropropene
 Concen: 52.066 ug/l
 RT: 7.92 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: VY003226.D
 Acq: 16 Jul 2020 21:40

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	242338		
110	33.8	18.1	54.1	
77	30.7	24.8	37.2	





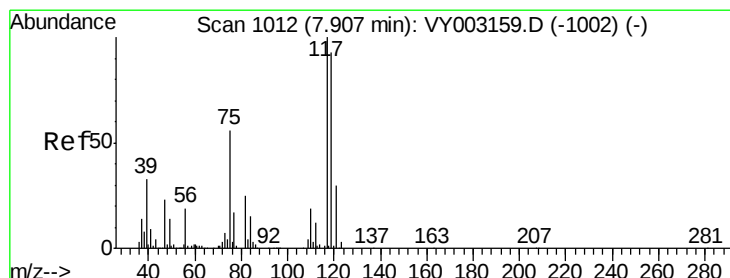
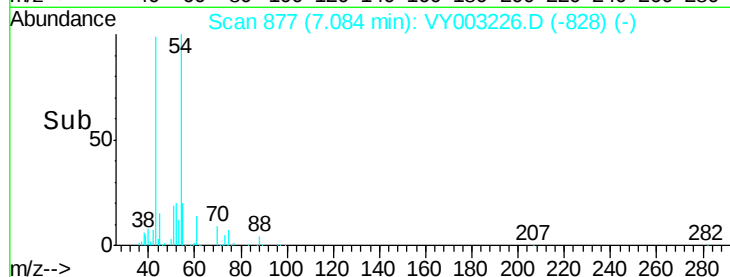
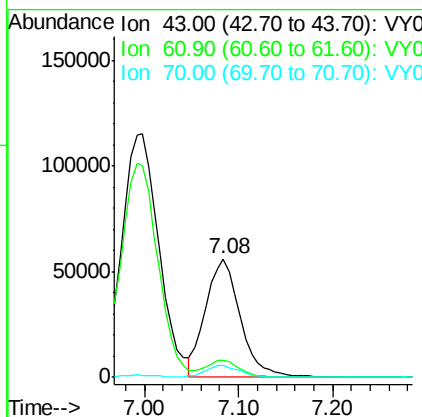
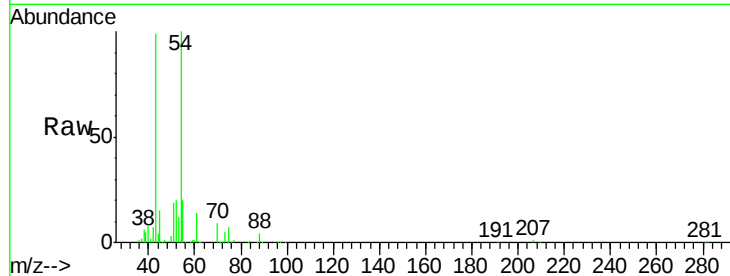
#37
Ethyl Acetate
Concen: 57.157 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.00 min
Lab File: VY003226.D
Acq: 16 Jul 2020 21:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.0	11.8	17.6
70	9.8	8.6	13.0

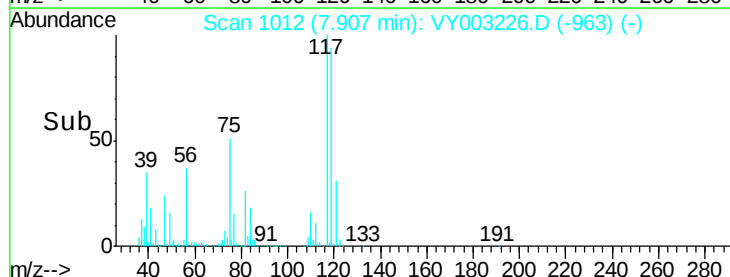
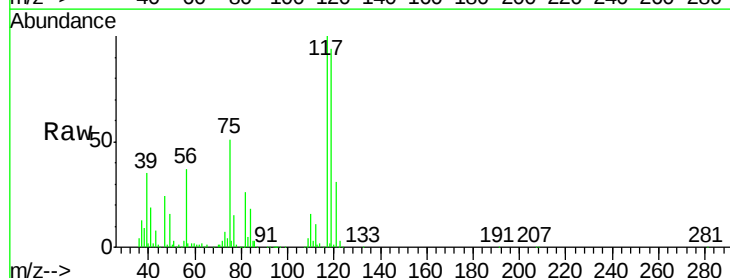
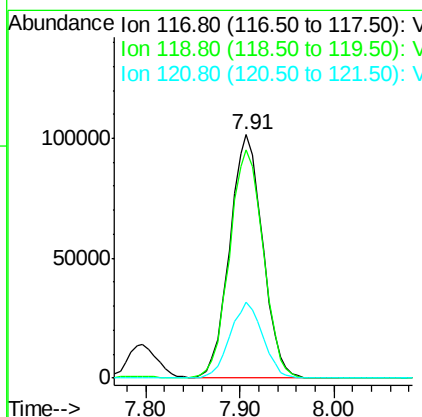
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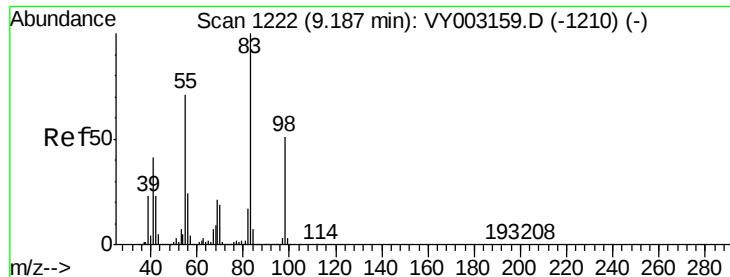
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#38
Carbon Tetrachloride
Concen: 51.208 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VY003226.D
Acq: 16 Jul 2020 21:40

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.0	74.5	111.7
121	31.2	24.2	36.2





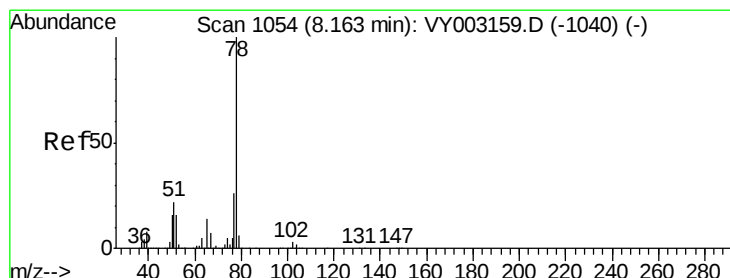
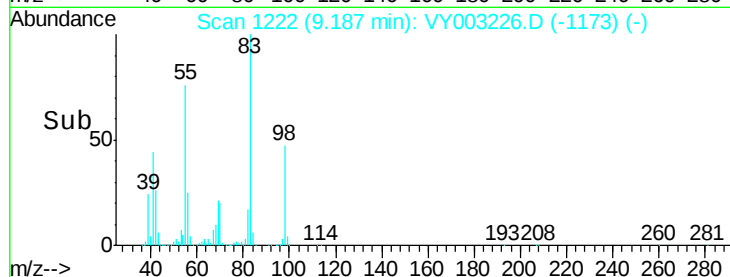
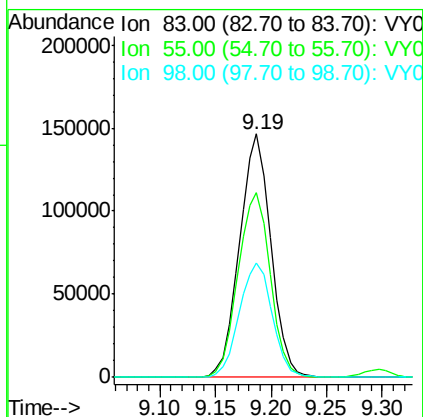
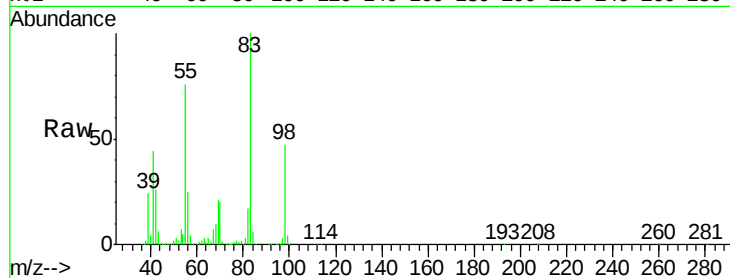
#39
Methvlcvclohexane
Concen: 49.018 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY003226.D
Acq: 16 Jul 2020 21:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.0	57.2	85.8
98	46.7	41.0	61.6

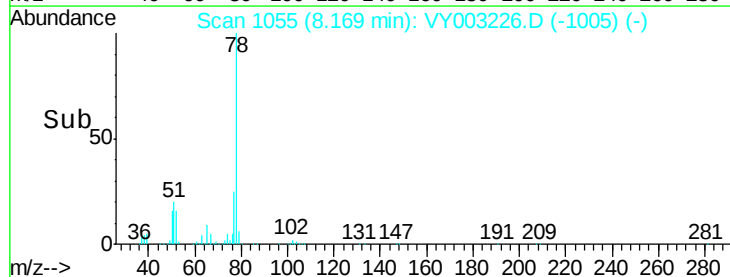
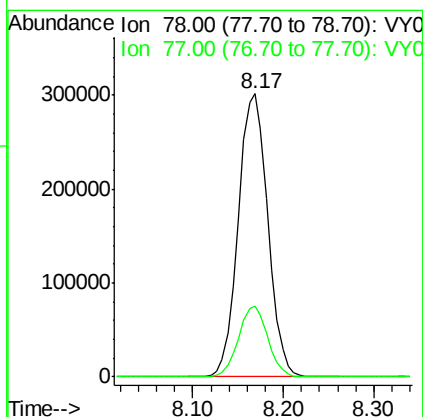
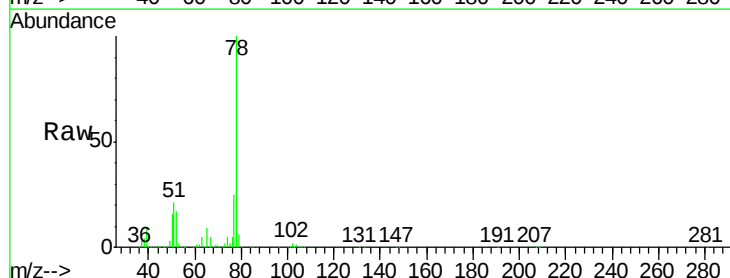
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#40
Benzene
Concen: 53.223 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.01 min
Lab File: VY003226.D
Acq: 16 Jul 2020 21:40

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.1	20.7	31.1





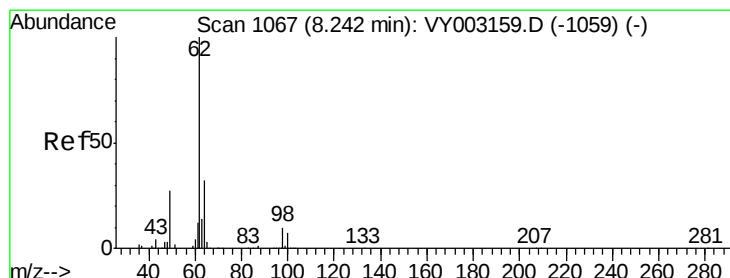
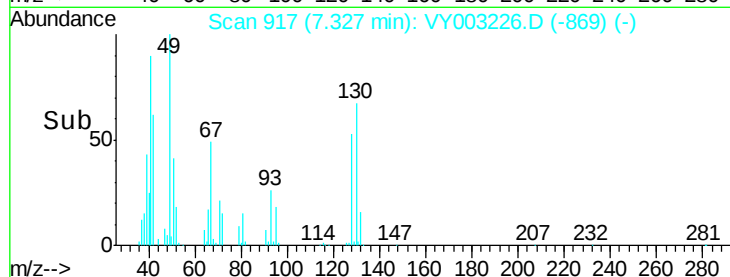
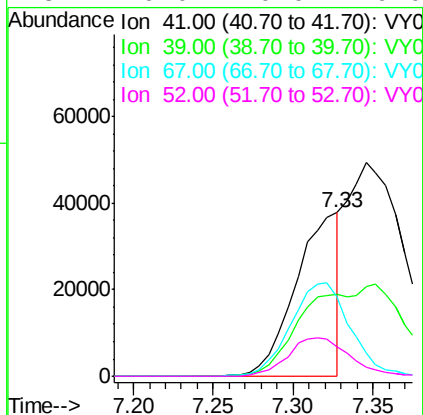
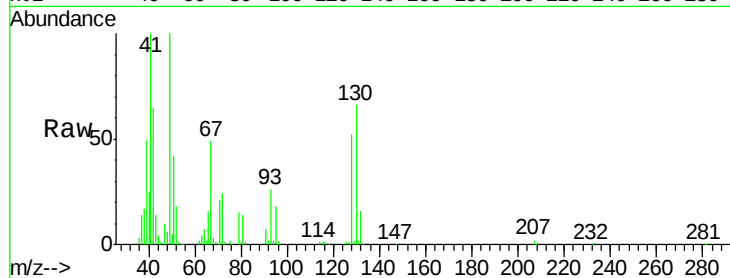
#41
Methacrylonitrile
Concen: 47.690 ug/l m
RT: 7.33 min Scan# 917
Delta R.T. -0.01 min
Lab File: VY003226.D
Acq: 16 Jul 2020 21:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	71995
Ion	Ratio	Lower	Upper
41	100		
39	127.5	83.3	124.9#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

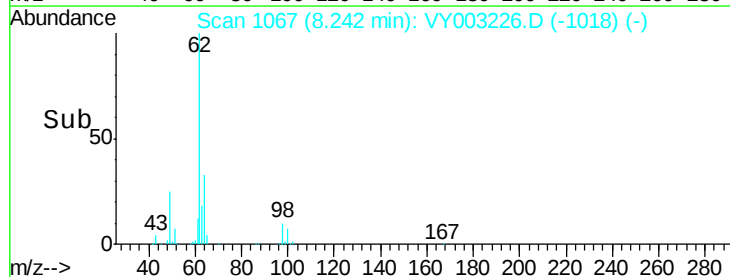
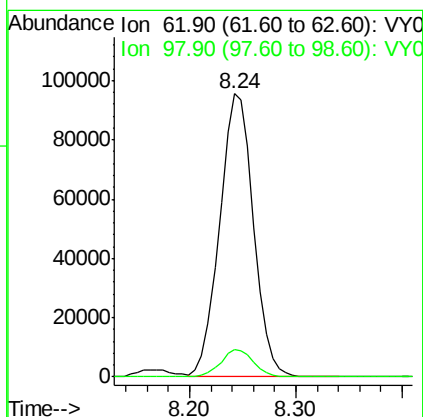
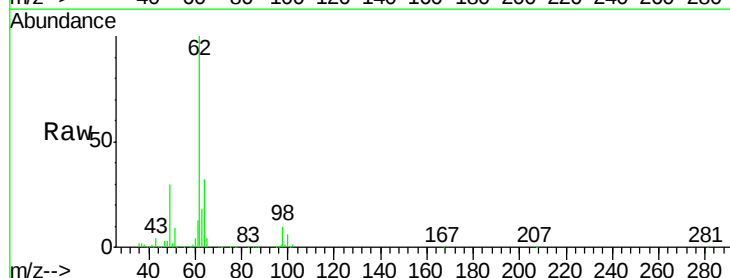
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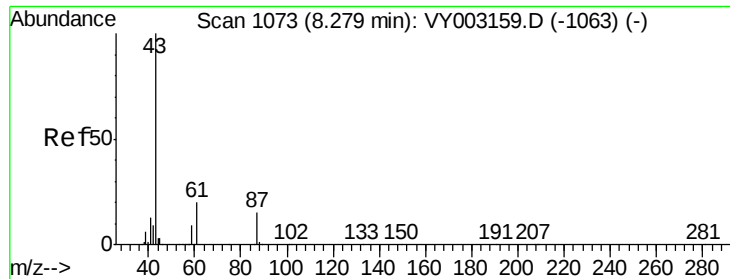
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#42
1,2-Dichloroethane
Concen: 53.654 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VY003226.D
Acq: 16 Jul 2020 21:40

Tgt Ion:	62	Resp:	211694
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	19.0





#43

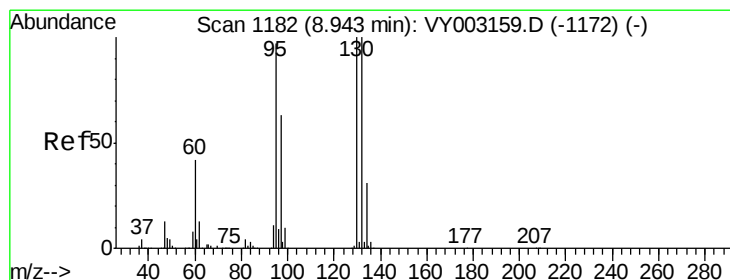
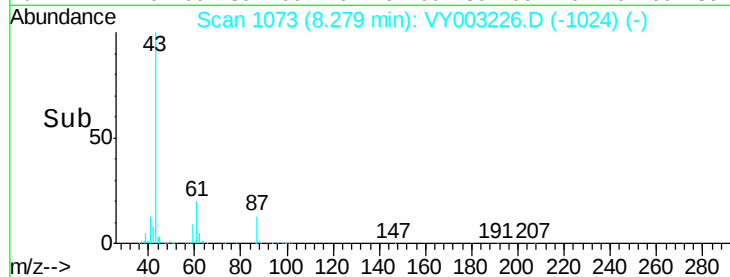
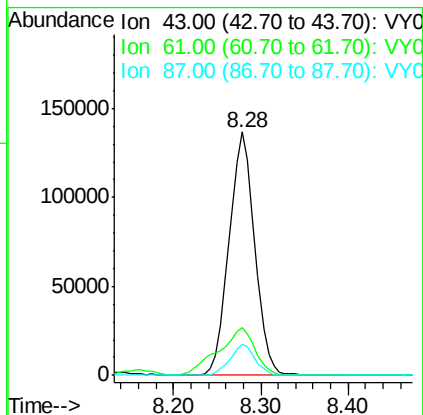
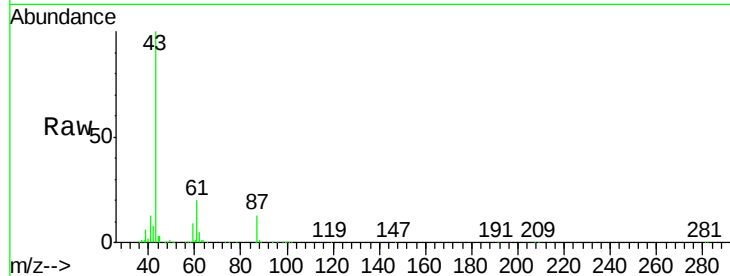
Isopropyl Acetate
 Concen: 57.493 ug/l
 RT: 8.28 min Scan# 1073
 Delta R.T. -0.00 min
 Lab File: VY003226.D
 Acq: 16 Jul 2020 21:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	28.0	23.7	35.5
87	12.5	11.4	17.0

Manual Integrations
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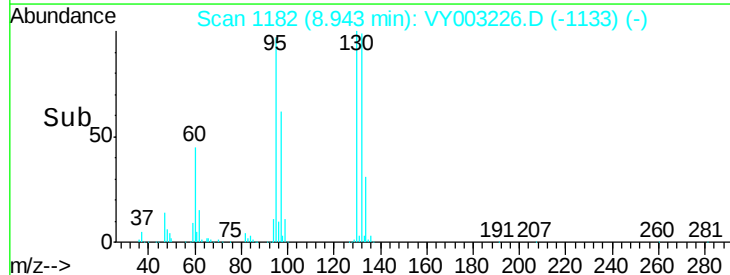
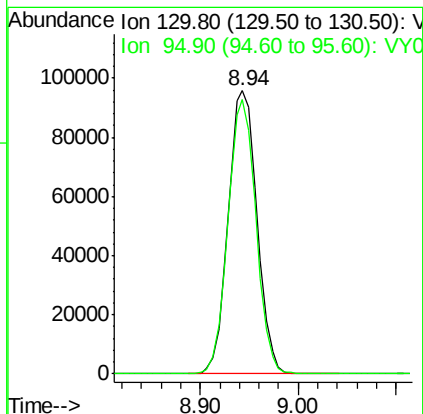
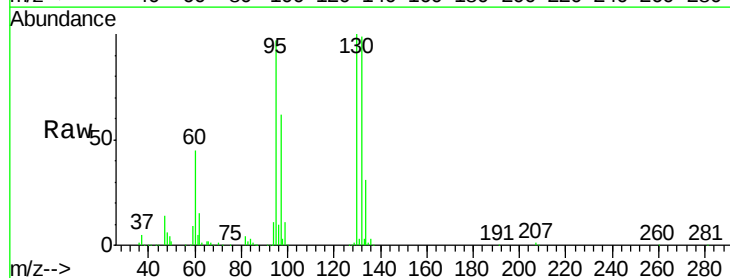
MMDadoda
 7/17/2020 4:43:11 PM

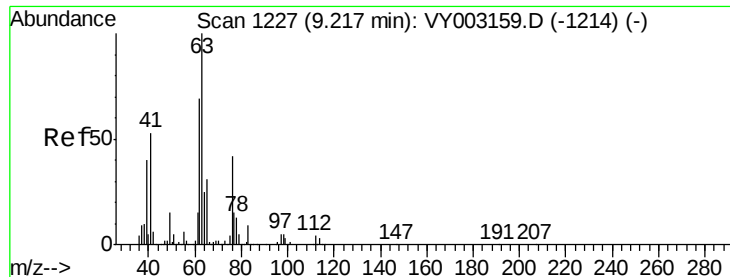


#44

Trichloroethene
 Concen: 49.635 ug/l
 RT: 8.94 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VY003226.D
 Acq: 16 Jul 2020 21:40

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.9	0.0	193.8





#45

1,2-Dichloropropane

Concen: 55.272 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. -0.00 min

Lab File: VY003226.D

Acq: 16 Jul 2020 21:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 183293

Ion Ratio Lower Upper

63 100

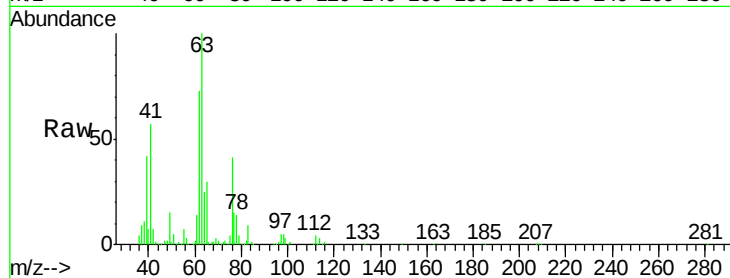
65 30.4 25.0 37.4

Manual Integrations

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Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0

9.22

100000

80000

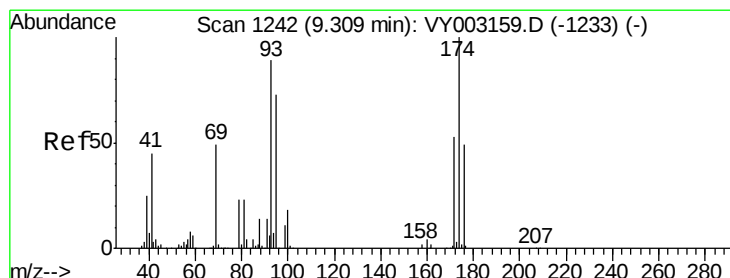
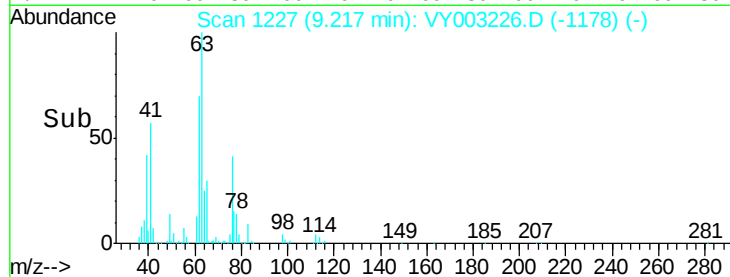
60000

40000

20000

0

Time-->



#46

Dibromomethane

Concen: 52.902 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.00 min

Lab File: VY003226.D

Acq: 16 Jul 2020 21:40

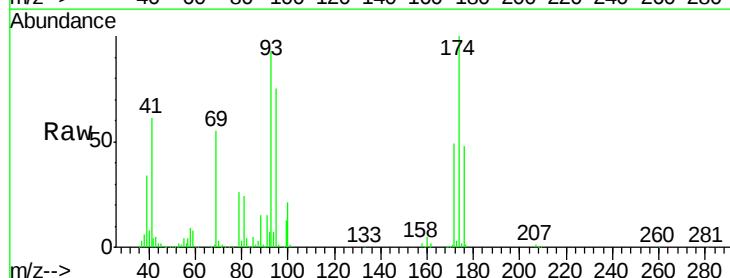
Tgt Ion: 93 Resp: 102465

Ion Ratio Lower Upper

93 100

95 83.1 66.6 99.8

174 109.3 90.2 135.4



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): V

80000

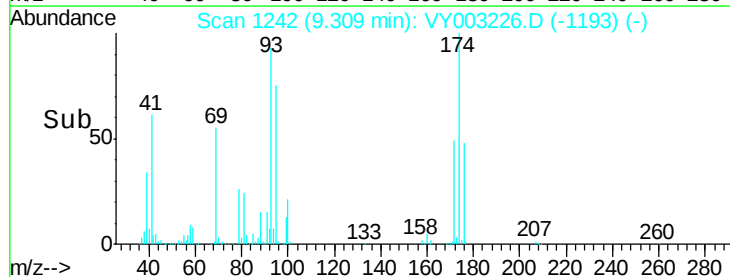
60000

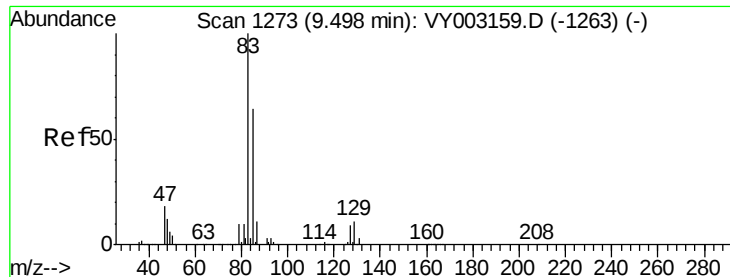
40000

20000

0

Time-->





#47

Bromodichloromethane

Concen: 54.467 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY003226.D

Acq: 16 Jul 2020 21:40

Instrument :

MSVOA_Y

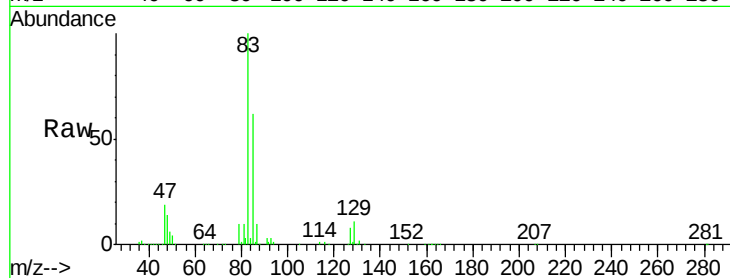
ClientSampleId :

VSTDCCC050EC

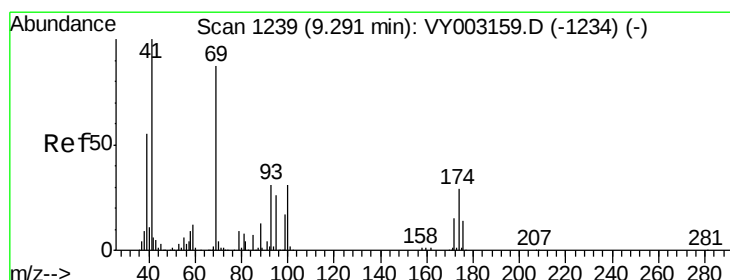
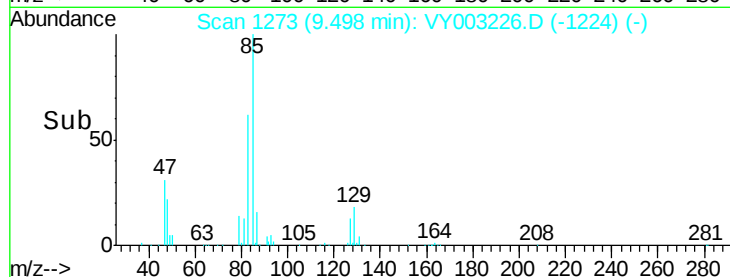
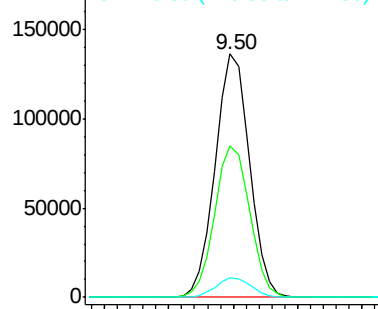
Tot Ion:	83	Resp:	250905
Ion Ratio	Lower	Upper	
83	100		
85	62.0	50.9	76.3
127	8.1	7.0	10.4

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VY003226.D (-1224) (-)



#48

Methyl methacrylate

Concen: 57.212 ug/l

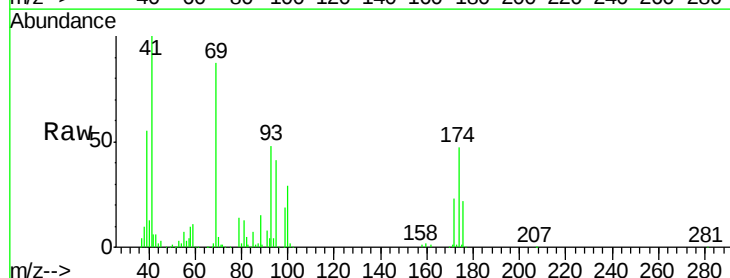
RT: 9.30 min Scan# 1240

Delta R.T. 0.01 min

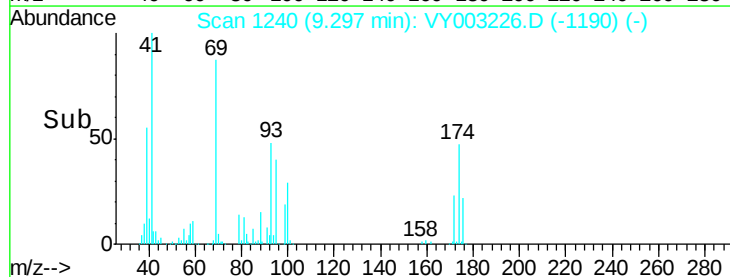
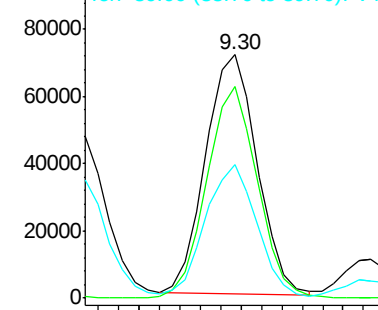
Lab File: VY003226.D

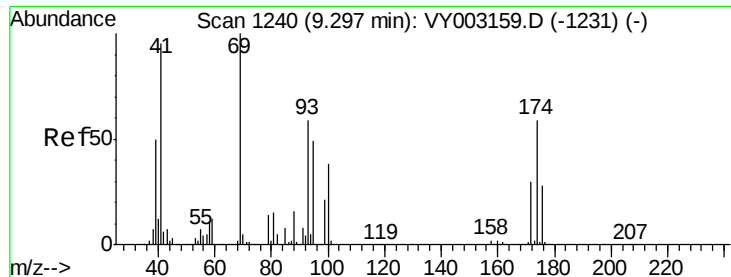
Acq: 16 Jul 2020 21:40

Tgt Ion:	41	Resp:	124095
Ion Ratio	Lower	Upper	
41	100		
69	87.7	74.5	111.7
39	56.9	47.5	71.3



Abundance Ion 41.00 (40.70 to 41.70): VY003226.D (-1190) (-)





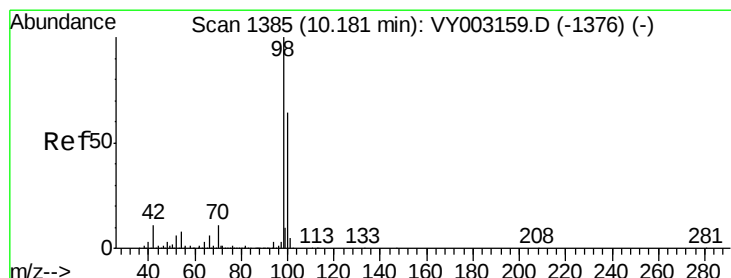
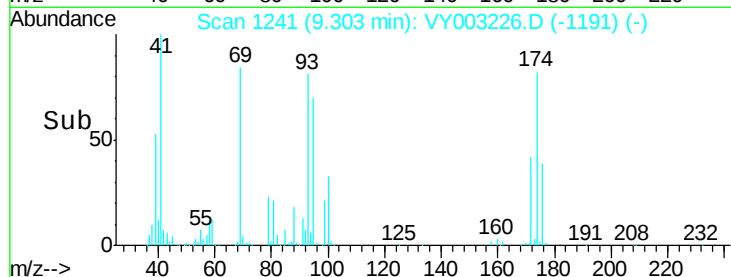
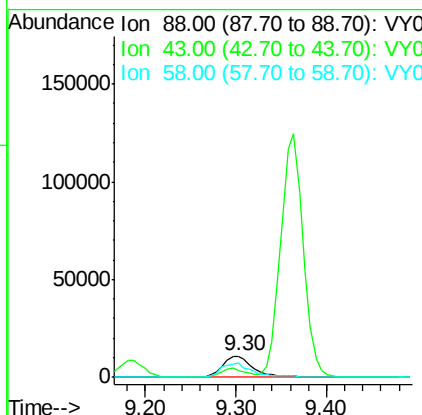
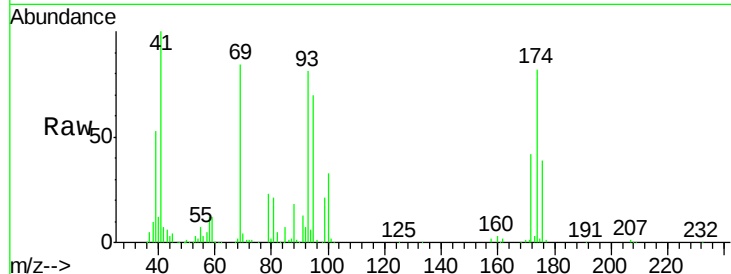
#49
1,4-Dioxane
Concen: 1075.782 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VY003226.D
Acq: 16 Jul 2020 21:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	88	Resp	26445
Ion Ratio	Lower	Upper	
88	100		
43	32.3	25.6	38.4
58	69.5	47.8	71.6

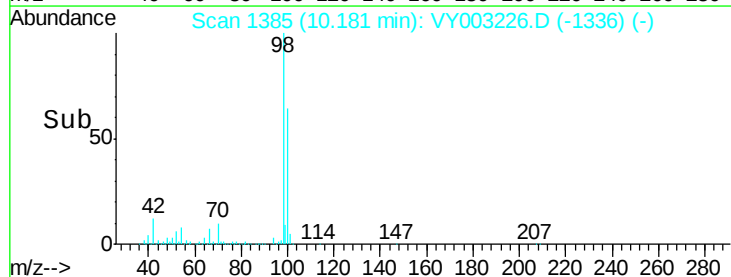
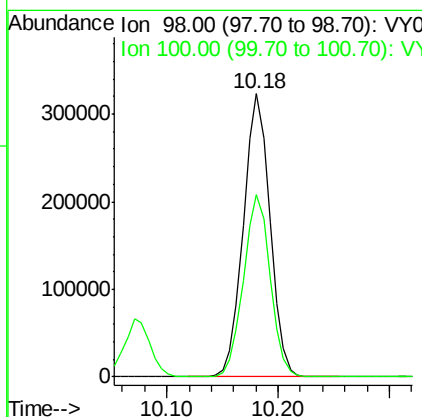
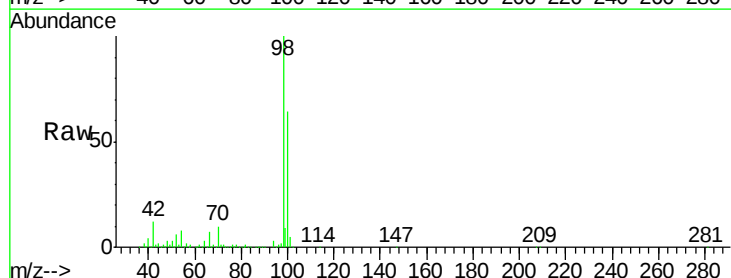
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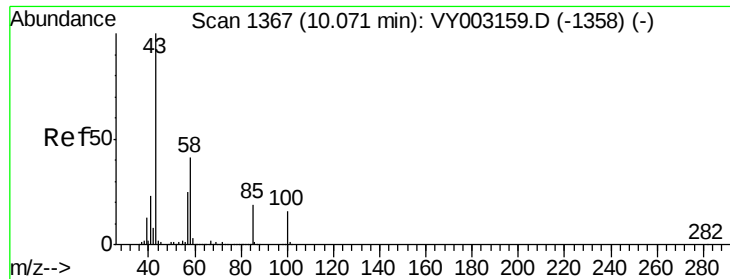
MMDadoda
7/17/2020 4:43:11 PM



#50
Toluene-d8
Concen: 48.868 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003226.D
Acq: 16 Jul 2020 21:40

Tgt Ion	98	Resp	536936
Ion Ratio	Lower	Upper	
98	100		
100	64.4	50.7	76.1





#51

4-Methyl-2-Pentanone

Concen: 292.621 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VY003226.D

Acq: 16 Jul 2020 21:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 737939

Ion Ratio Lower Upper

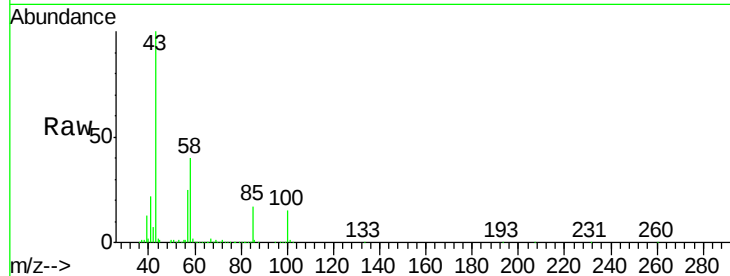
43 100

58 39.1 32.7 49.1

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

10.07

400000

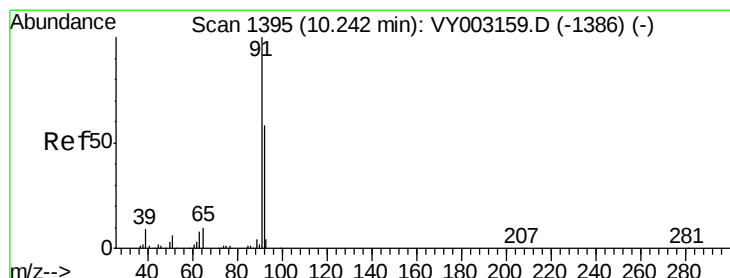
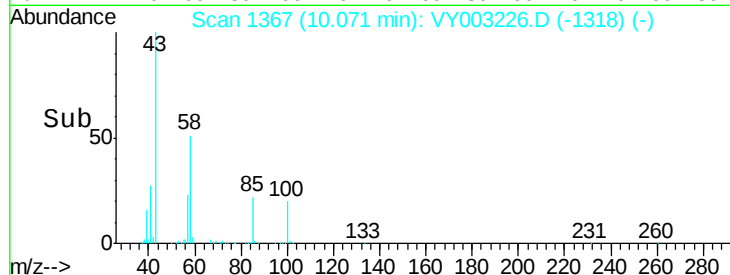
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 52.232 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. 0.01 min

Lab File: VY003226.D

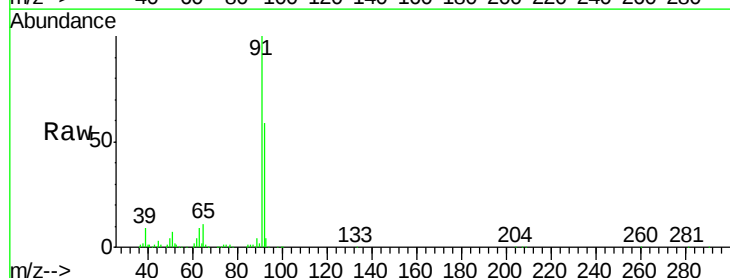
Acq: 16 Jul 2020 21:40

Tgt Ion: 92 Resp: 427861

Ion Ratio Lower Upper

92 100

91 176.1 139.7 209.5



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0

10.25

400000

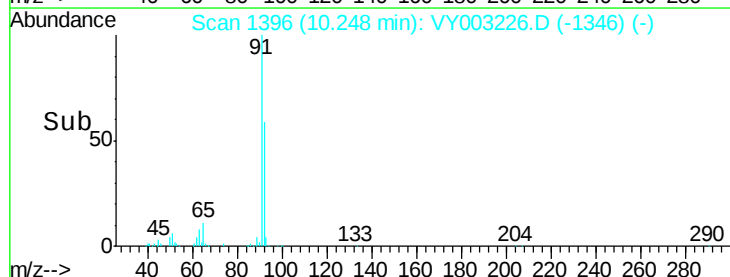
300000

200000

100000

0

Time-->





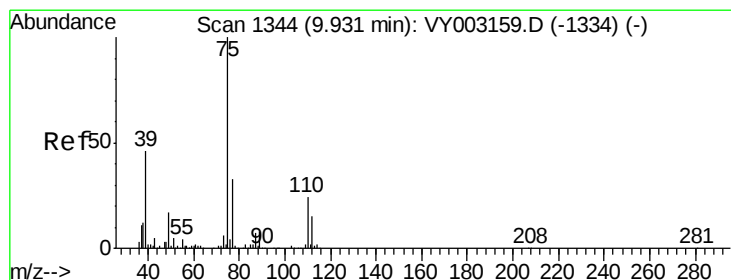
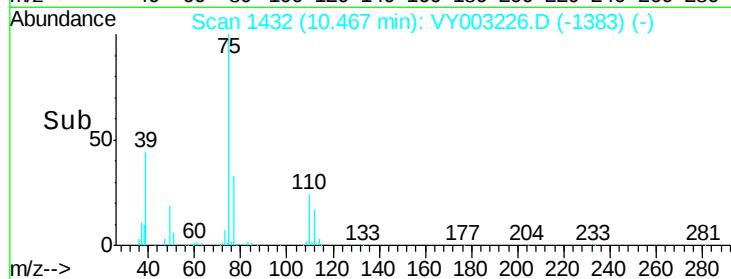
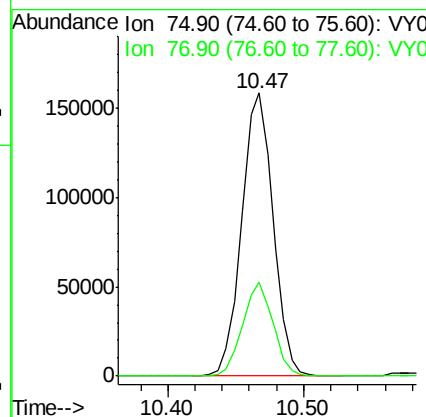
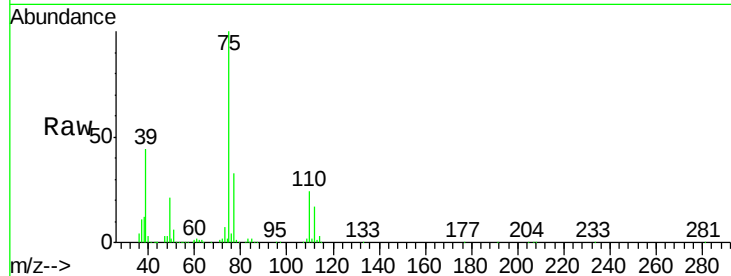
#53
t-1,3-Dichloropropene
Concen: 53.627 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VY003226.D
Acq: 16 Jul 2020 21:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 255951
Ion Ratio Lower Upper
75 100
77 33.2 25.2 37.8

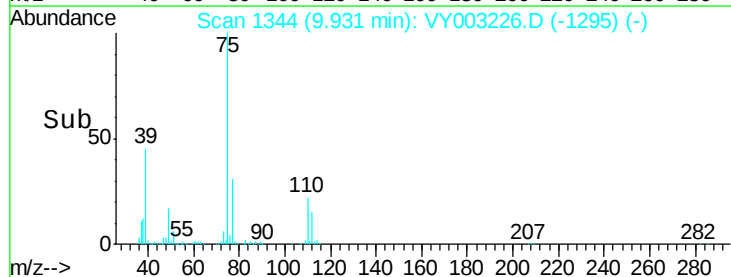
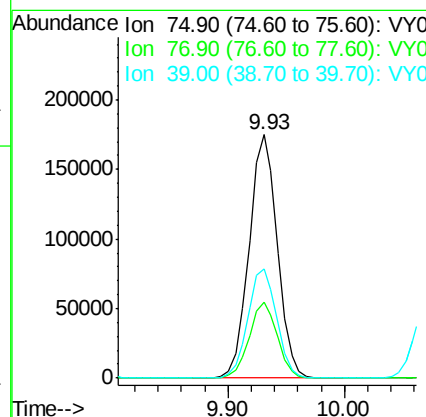
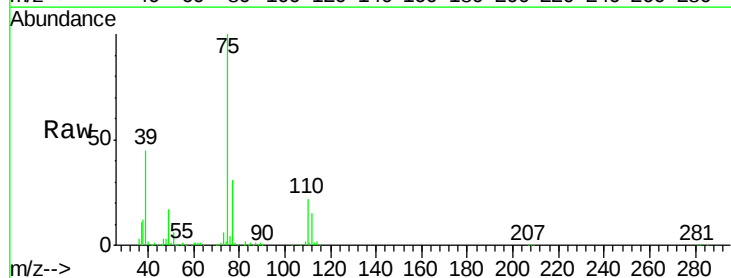
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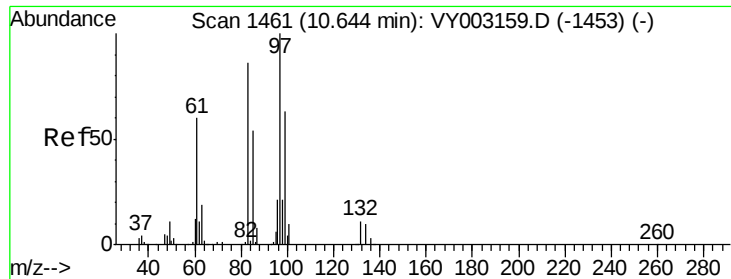
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#54
cis-1,3-Dichloropropene
Concen: 53.682 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. -0.00 min
Lab File: VY003226.D
Acq: 16 Jul 2020 21:40

Tgt Ion: 75 Resp: 295205
Ion Ratio Lower Upper
75 100
77 31.2 26.7 40.1
39 44.8 37.0 55.6





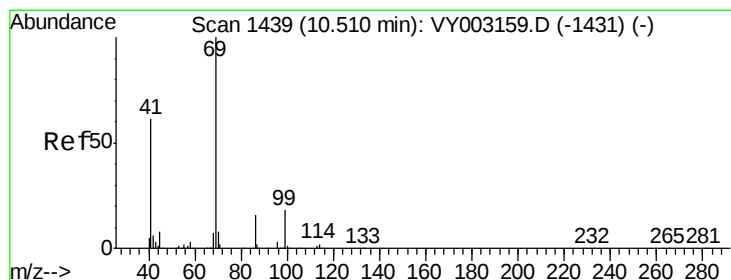
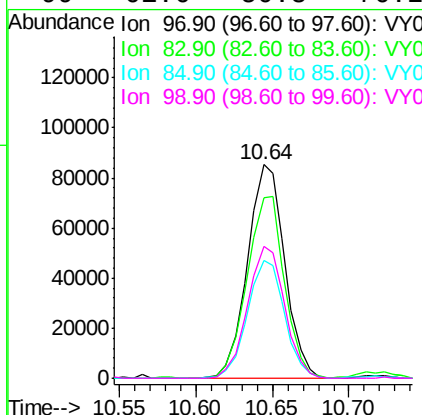
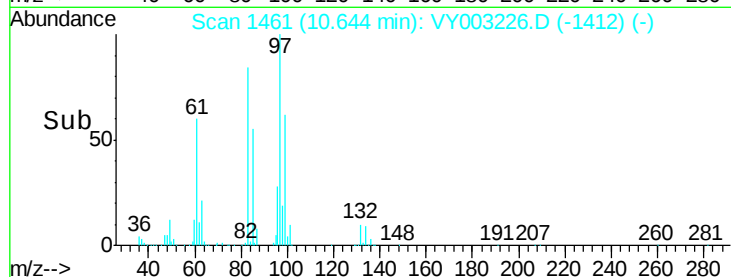
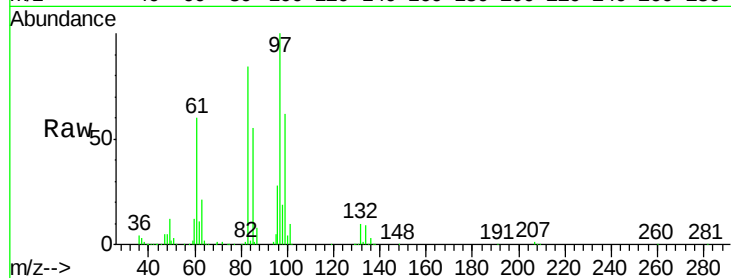
#55
 1,1,2-Trichloroethane
 Concen: 52.498 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY003226.D
 Acq: 16 Jul 2020 21:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	144088
Ion	Ratio	Lower	Upper
97	100		
83	84.1	68.8	103.2
85	55.3	43.1	64.7
99	61.6	50.8	76.2

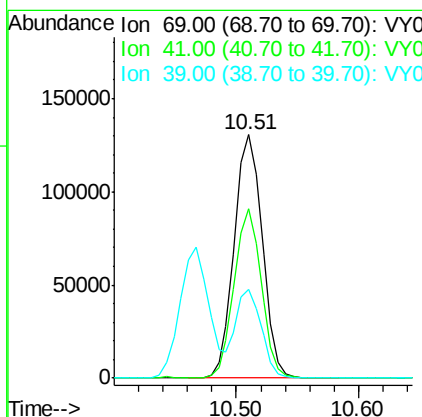
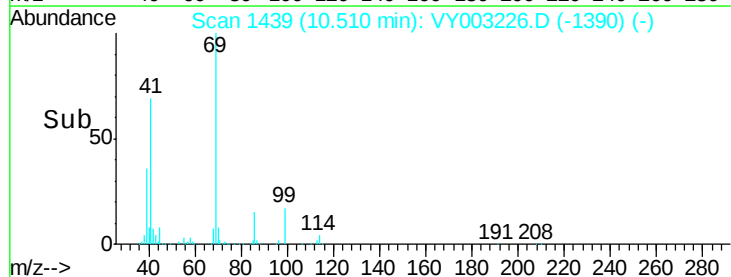
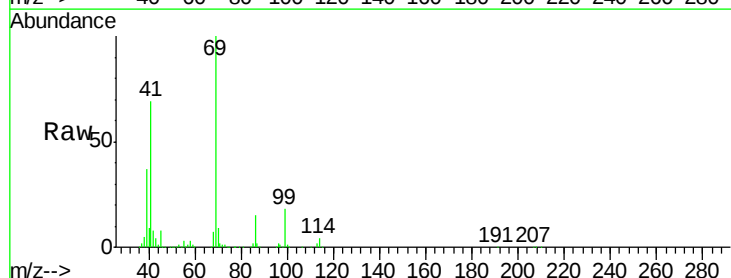
Manual Integrations
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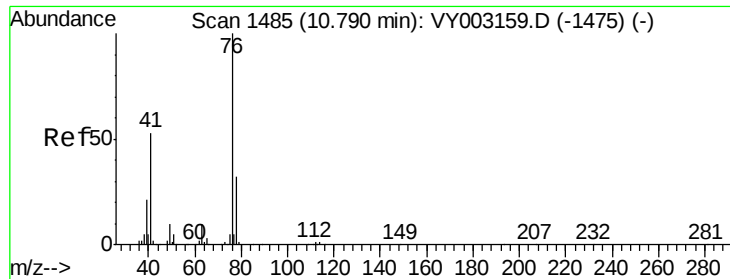
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#56
 Ethyl methacrylate
 Concen: 55.746 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY003226.D
 Acq: 16 Jul 2020 21:40

Tgt Ion:	69	Resp:	208013
Ion	Ratio	Lower	Upper
69	100		
41	66.9	50.0	75.0
39	33.0	27.6	41.4





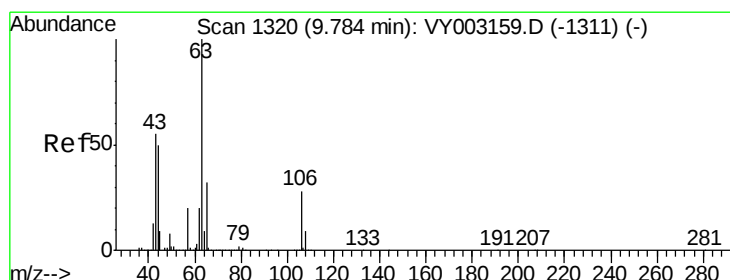
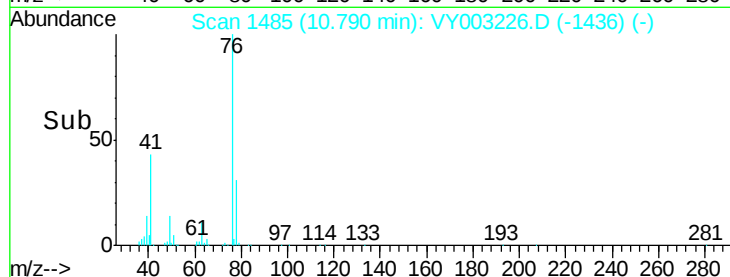
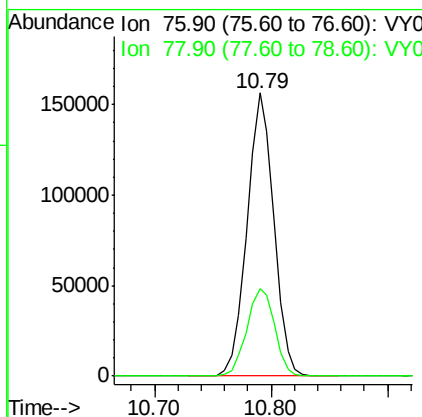
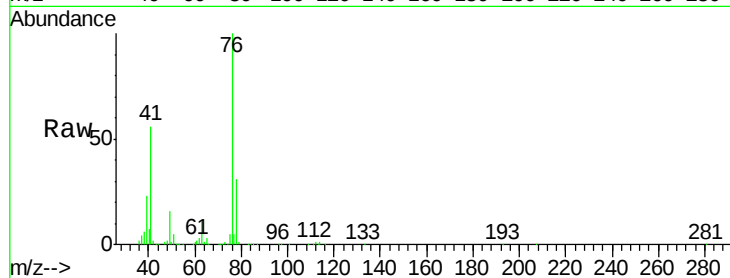
#57
 1,3-Dichloropropane
 Concen: 53.718 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VY003226.D
 Acq: 16 Jul 2020 21:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.2	26.0	39.0

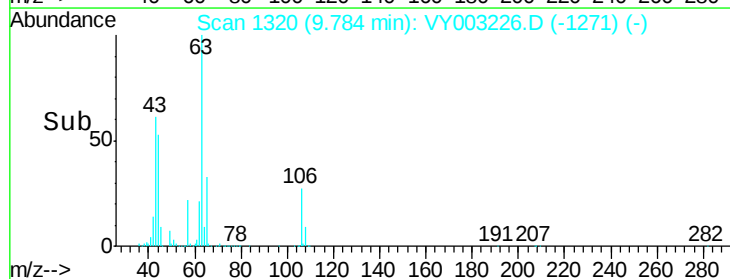
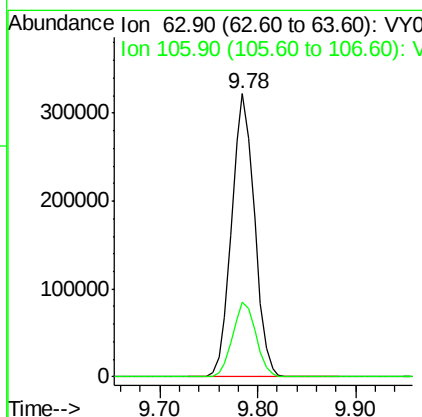
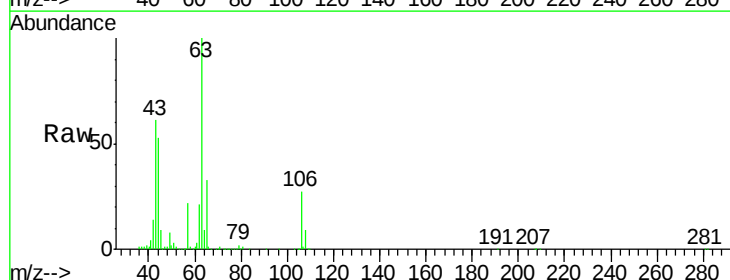
Manual Integrations
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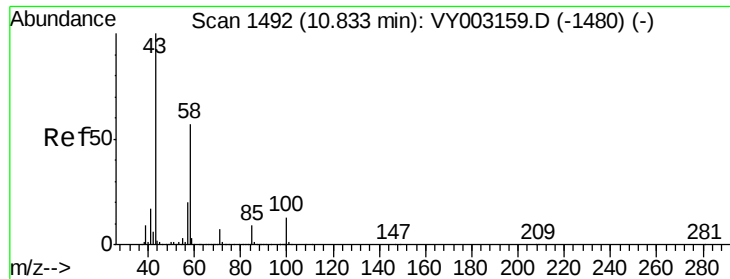
MMDadoda
 7/17/2020 4:43:11 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 274.593 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: VY003226.D
 Acq: 16 Jul 2020 21:40

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.1	22.9	34.3





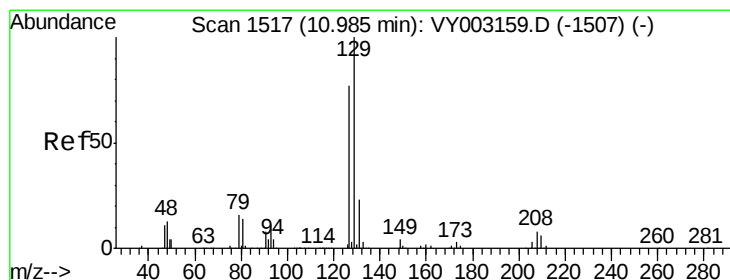
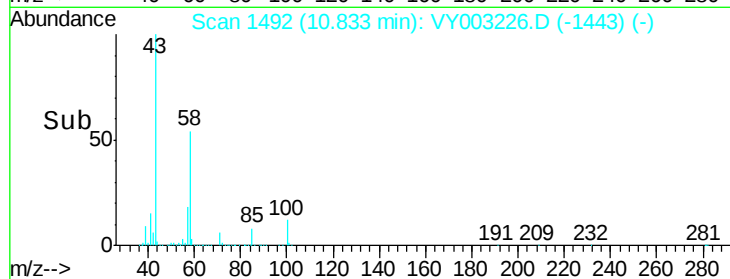
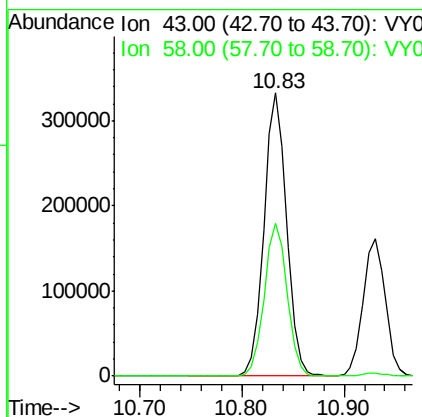
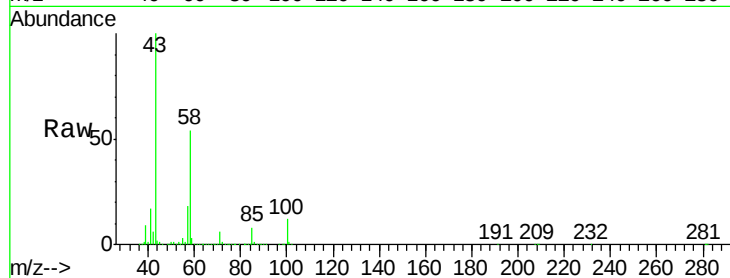
#59
2-Hexanone
Concen: 290.685 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY003226.D
Acq: 16 Jul 2020 21:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 511727
Ion Ratio Lower Upper
43 100
58 54.6 28.3 85.0

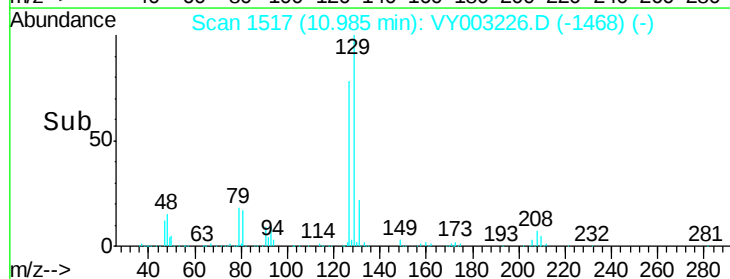
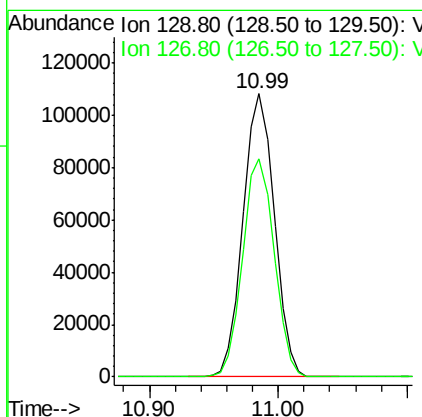
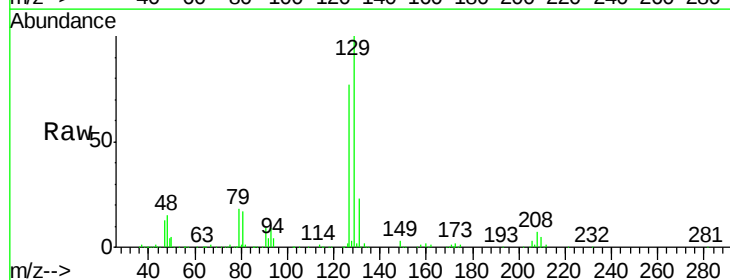
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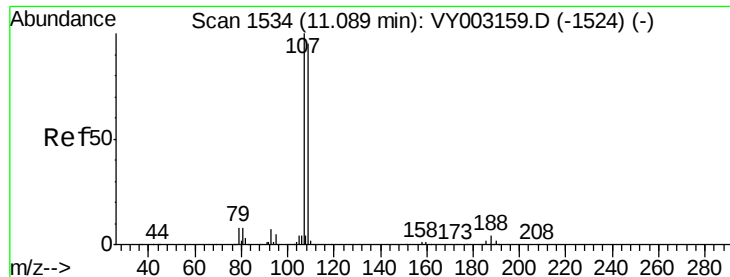
MMDadoda
7/17/2020 4:43:11 PM



#60
Dibromochloromethane
Concen: 52.599 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY003226.D
Acq: 16 Jul 2020 21:40

Tgt Ion: 129 Resp: 181577
Ion Ratio Lower Upper
129 100
127 77.8 38.5 115.5





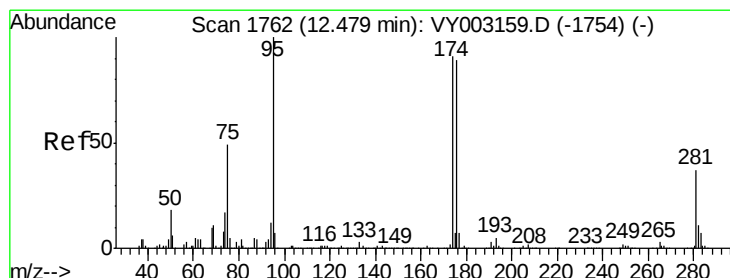
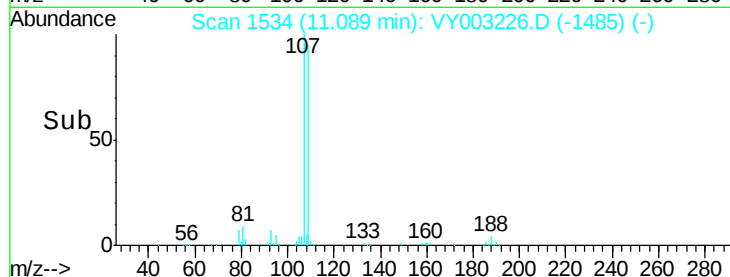
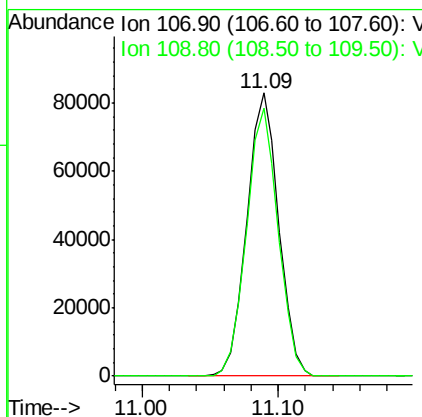
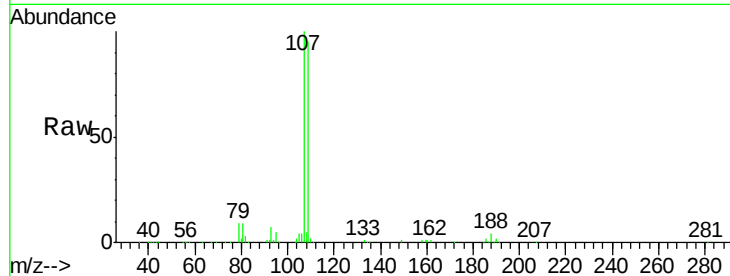
#61
 1,2-Dibromoethane
 Concen: 50.351 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY003226.D
 Acq: 16 Jul 2020 21:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.2	75.6	113.4

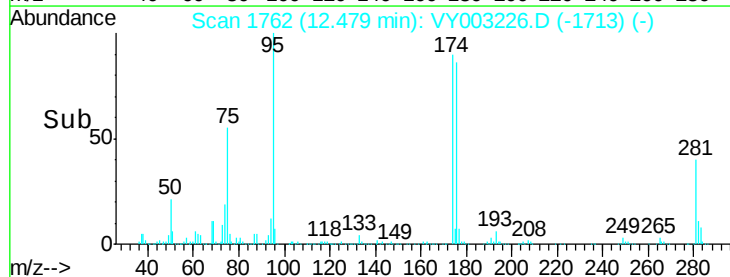
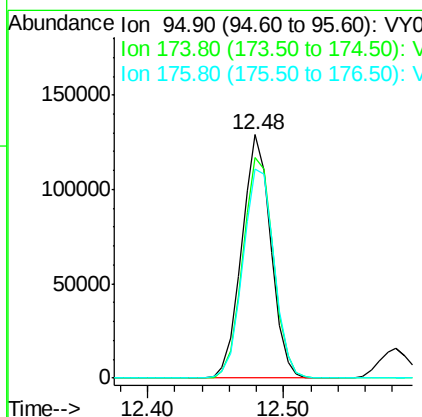
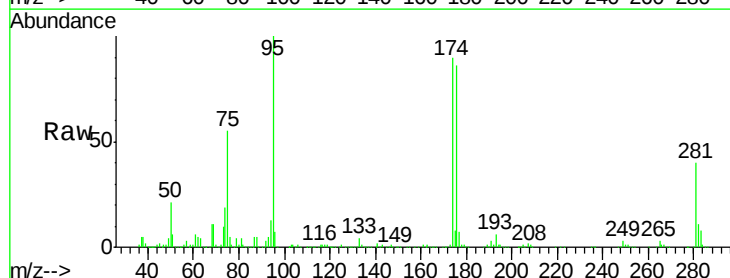
Manual Integrations
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#62
 4-Bromofluorobenzene
 Concen: 48.557 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY003226.D
 Acq: 16 Jul 2020 21:40

Tgt Ion	Ratio	Lower	Upper
95	100		
174	94.9	0.0	190.6
176	92.1	0.0	186.4





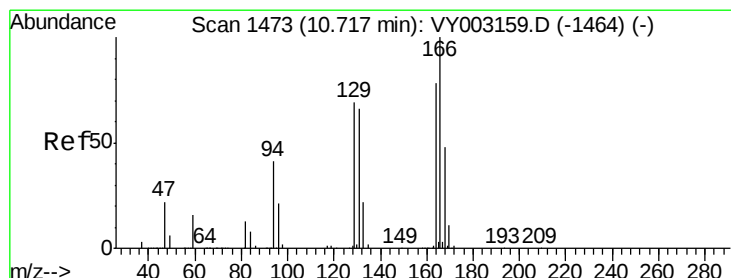
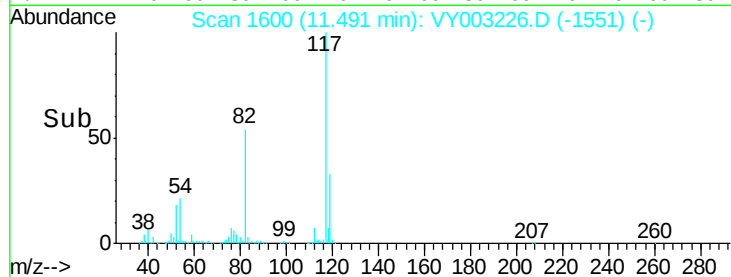
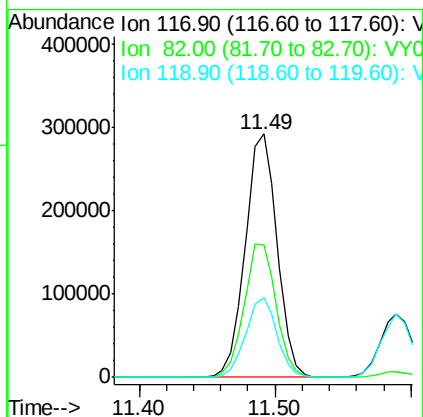
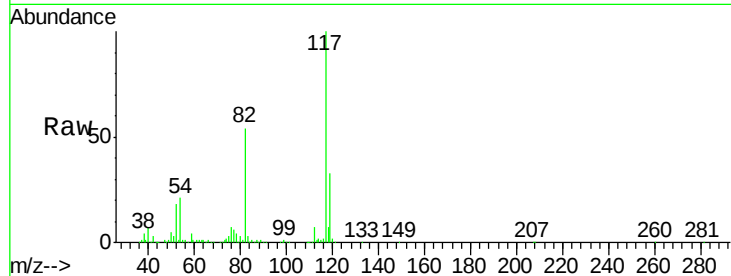
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003226.D
Acq: 16 Jul 2020 21:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.2	42.0	63.0
119	32.7	25.5	38.3

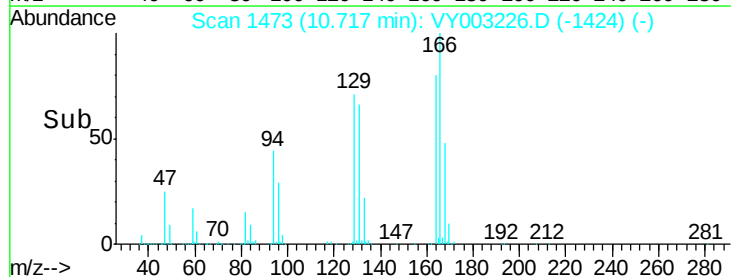
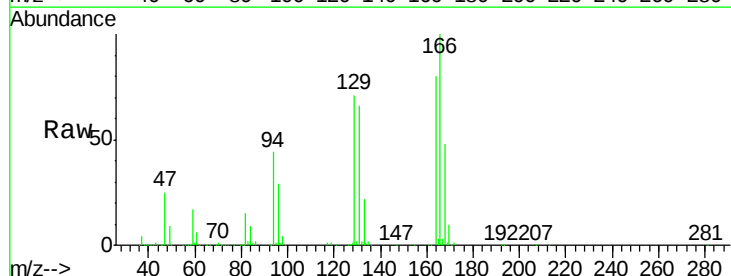
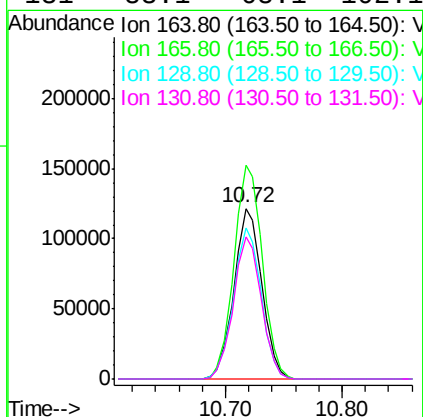
Manual Integrations
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#64
Tetrachloroethene
Concen: 47.314 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY003226.D
Acq: 16 Jul 2020 21:40

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.0	102.9	154.3
129	88.4	71.4	107.2
131	83.1	68.1	102.1





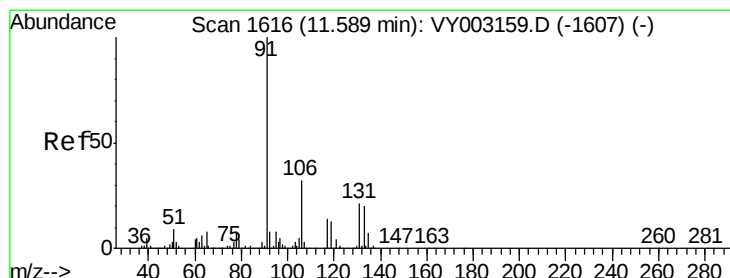
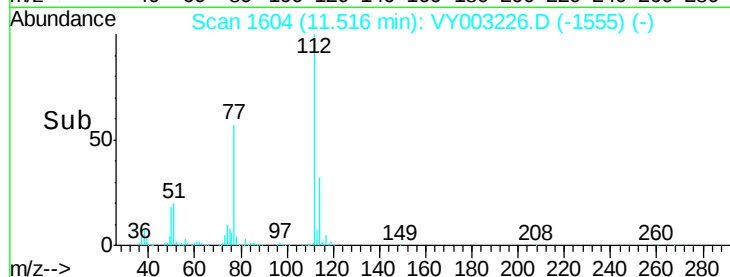
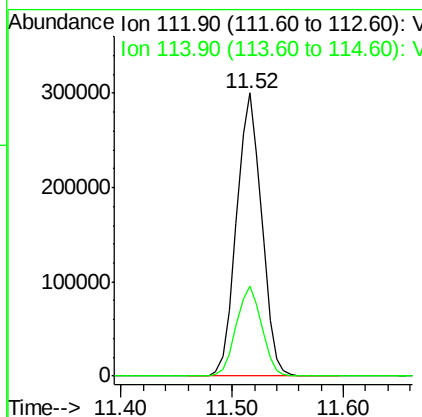
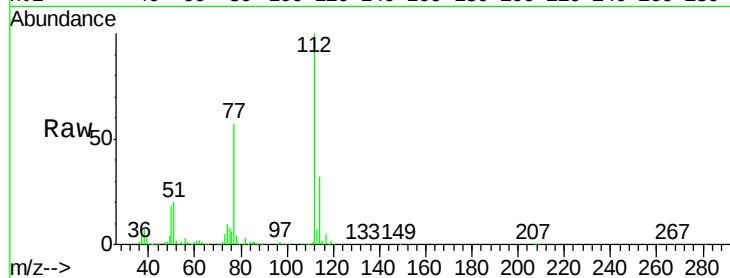
#65
Chlorobenzene
Concen: 50.804 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY003226.D
Acq: 16 Jul 2020 21:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 468672
Ion Ratio Lower Upper
112 100
114 31.8 24.7 37.1

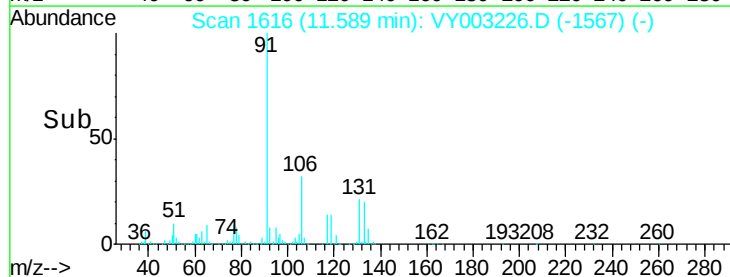
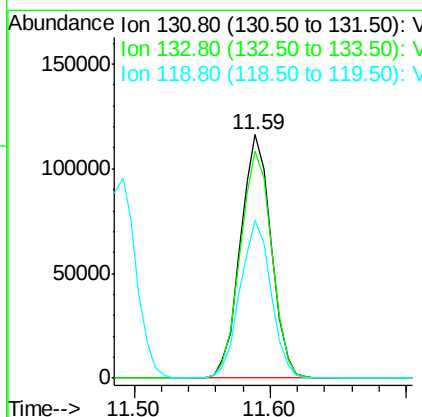
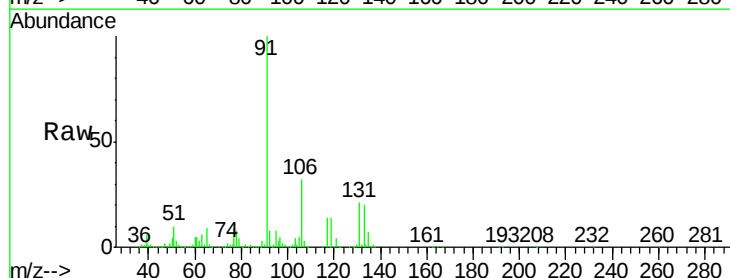
Manual Integrations
APPROVED

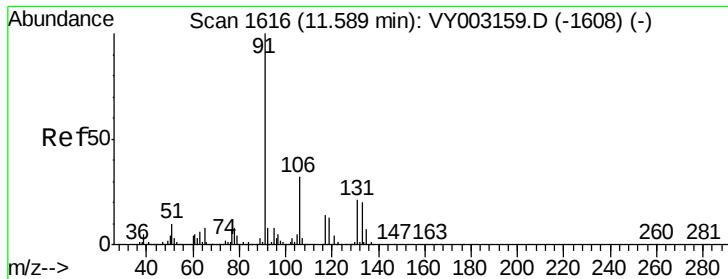
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.304 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY003226.D
Acq: 16 Jul 2020 21:40

Tgt Ion:131 Resp: 183819
Ion Ratio Lower Upper
131 100
133 95.9 48.0 144.0
119 65.0 32.4 97.0





#67

Ethyl Benzene

Concen: 52.228 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY003226.D

Acq: 16 Jul 2020 21:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 860267

Ion Ratio Lower Upper

91 100

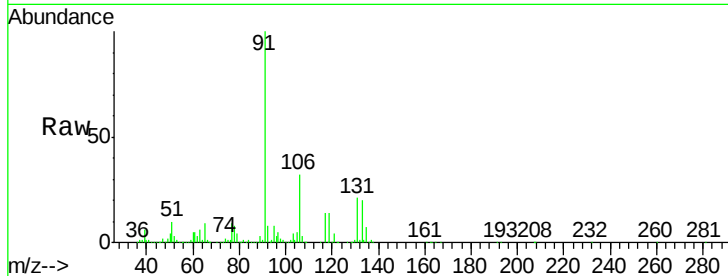
106 32.0 25.5 38.3

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 106.00 (105.70 to 106.70): V

800000

600000

400000

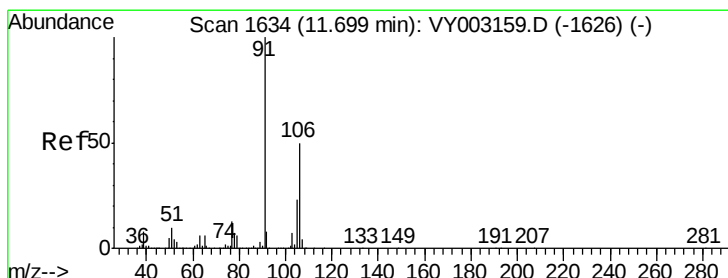
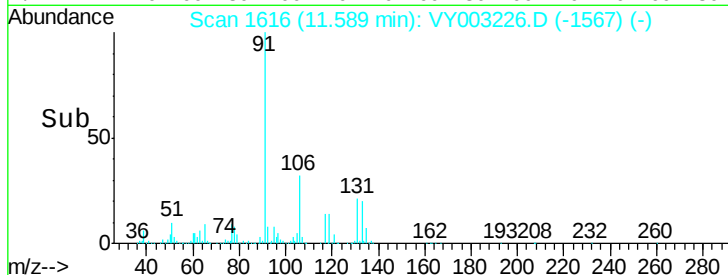
200000

0

11.59

11.60

Time-->



#68

m/p-Xylenes

Concen: 101.923 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VY003226.D

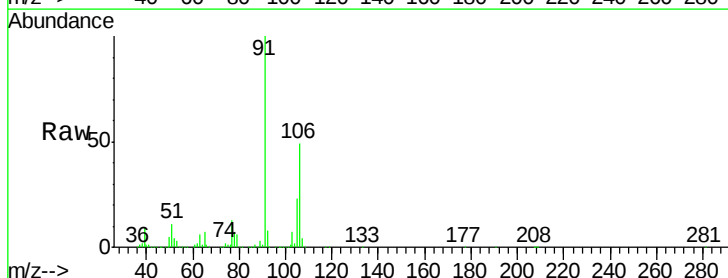
Acq: 16 Jul 2020 21:40

Tgt Ion: 106 Resp: 636981

Ion Ratio Lower Upper

106 100

91 202.2 159.0 238.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VY0

800000

600000

400000

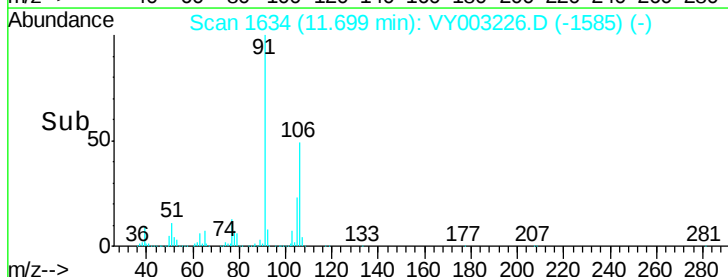
200000

0

11.70

11.80

Time-->





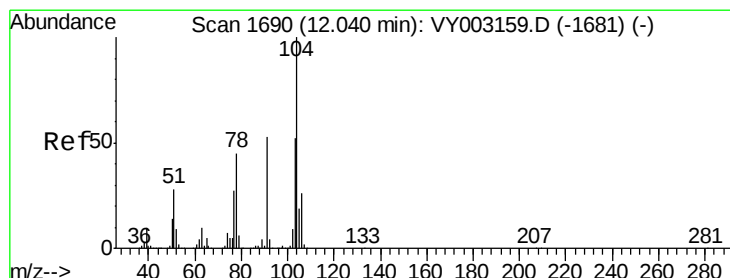
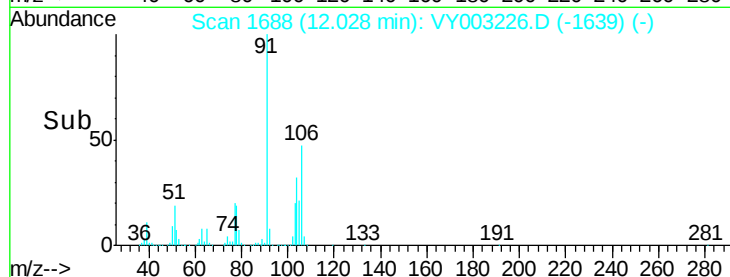
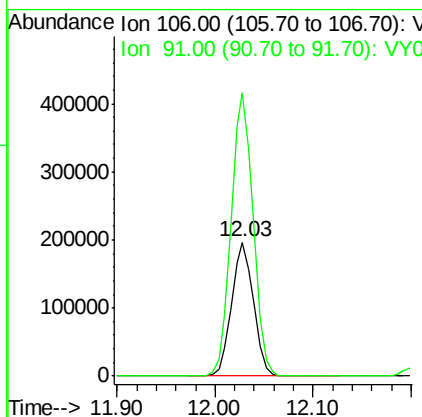
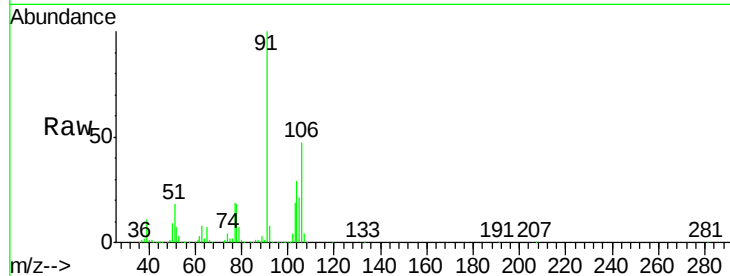
#69
o-Xylene
Concen: 51.621 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003226.D
Acq: 16 Jul 2020 21:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	214.3	105.1	315.1

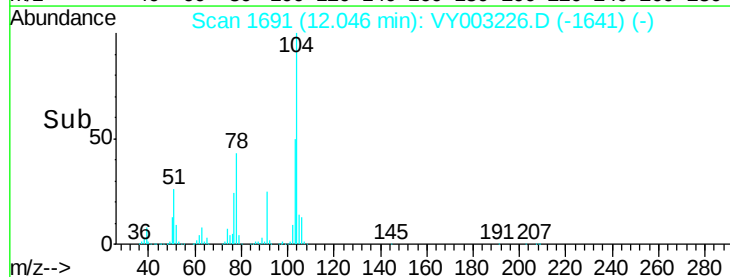
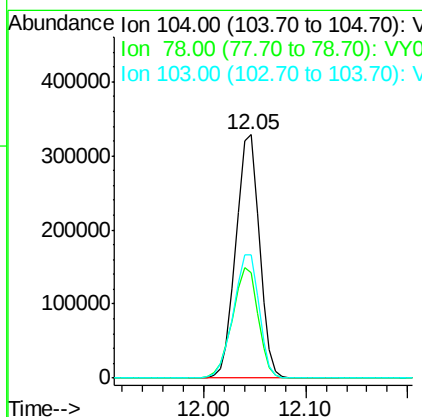
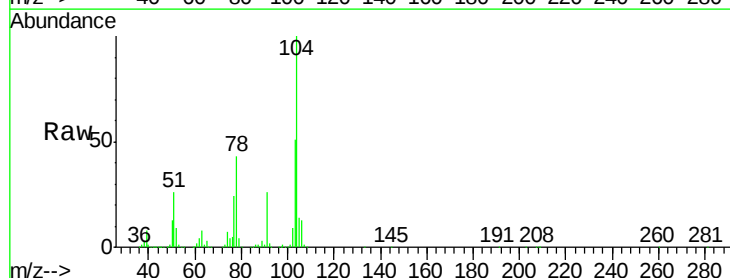
Manual Integrations
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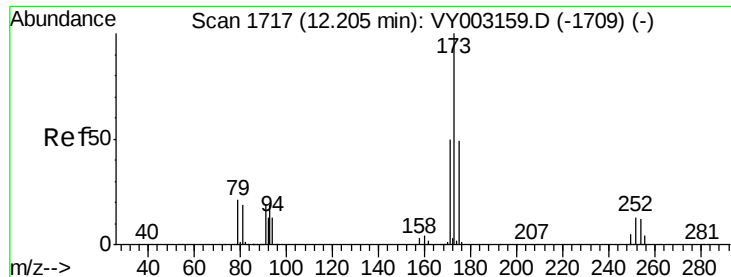
MMDadoda
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#70
Styrene
Concen: 52.358 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY003226.D
Acq: 16 Jul 2020 21:40

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.6	38.5	57.7
103	55.5	43.9	65.9





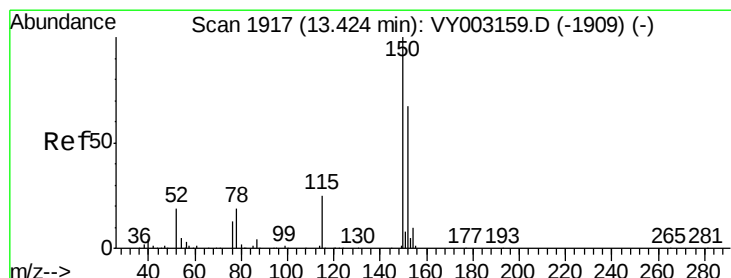
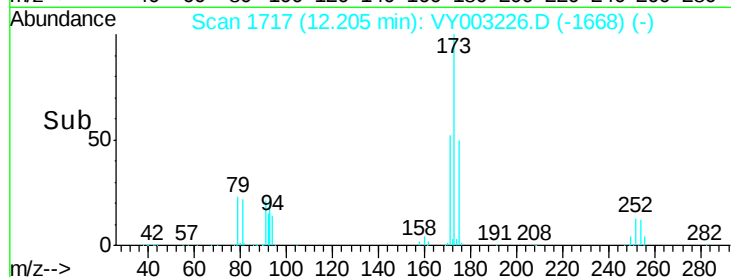
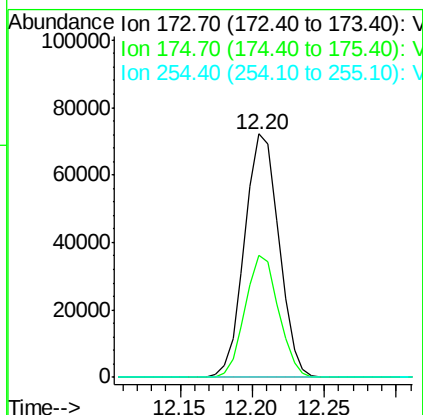
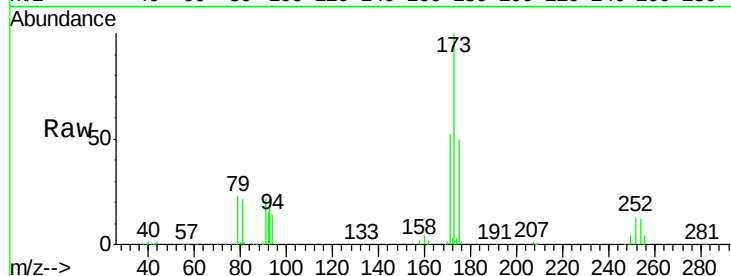
#71
Bromoform
Concen: 50.617 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. -0.00 min
Lab File: VY003226.D
Acq: 16 Jul 2020 21:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.9	24.3	73.0
254	0.1	0.2	0.2

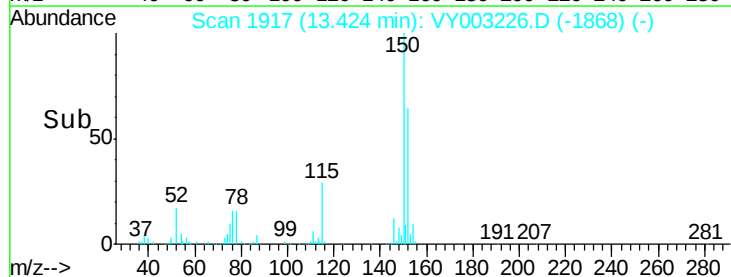
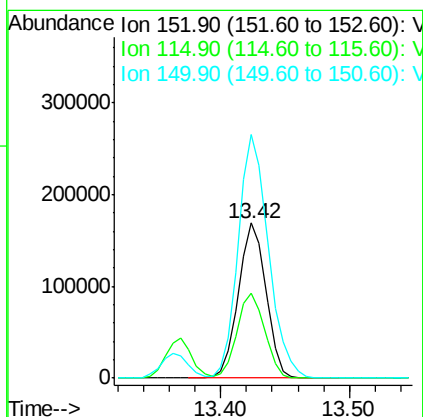
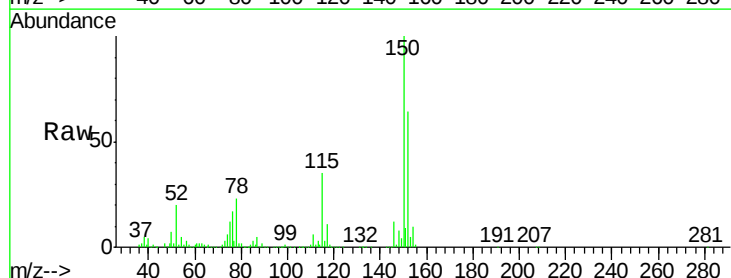
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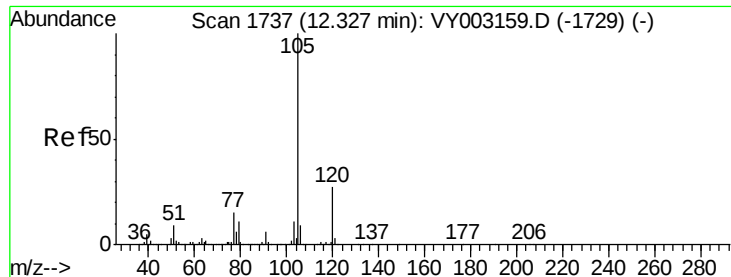
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003226.D
Acq: 16 Jul 2020 21:40

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.1	26.9	80.7
150	172.9	0.0	338.0





#73

Isopropylbenzene

Concen: 51.990 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY003226.D

Acq: 16 Jul 2020 21:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 827675

Ion Ratio Lower Upper

105 100

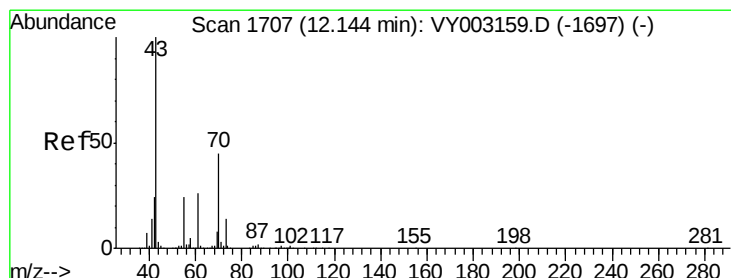
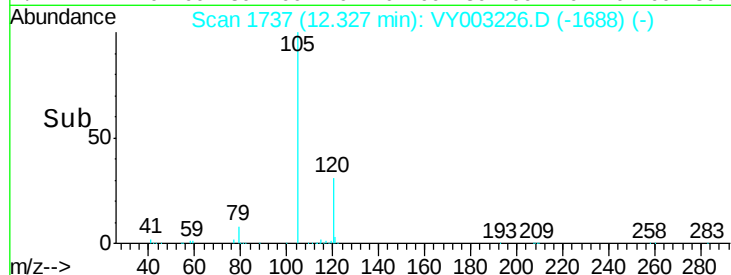
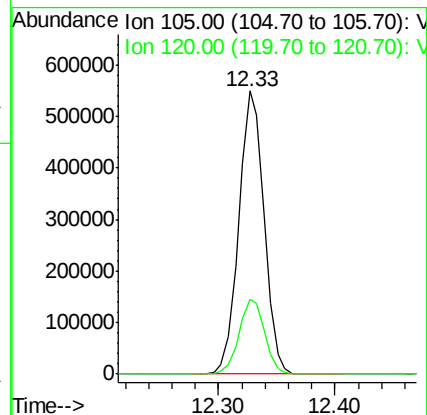
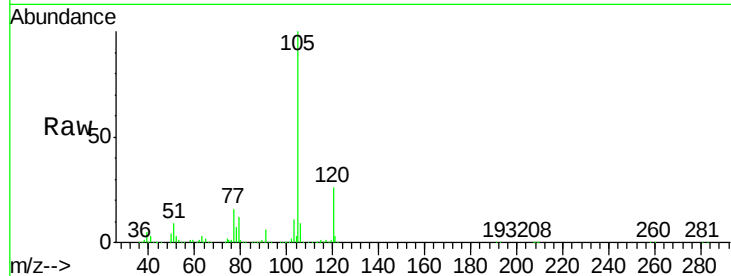
120 26.7 13.4 40.2

Manual Integrations

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#74

N-ethyl acetate

Concen: 58.262 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY003226.D

Acq: 16 Jul 2020 21:40

Tgt Ion: 43 Resp: 260254

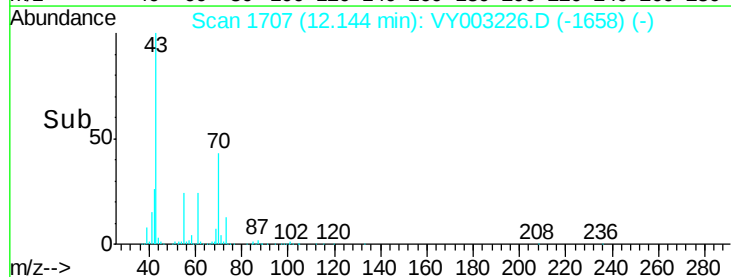
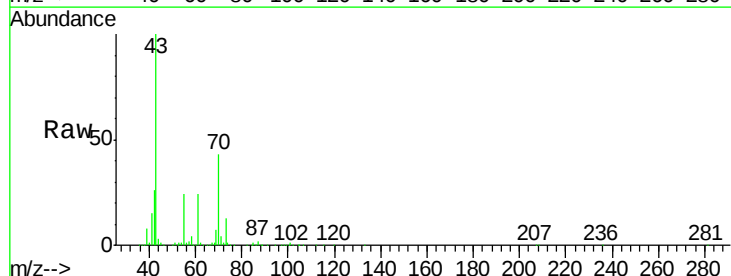
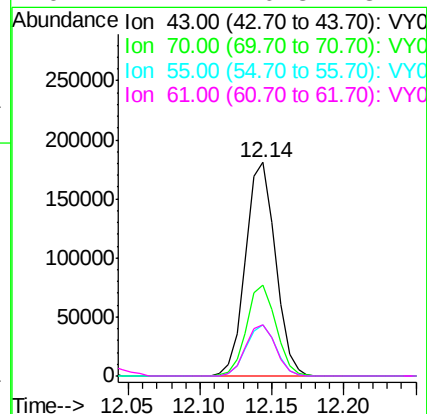
Ion Ratio Lower Upper

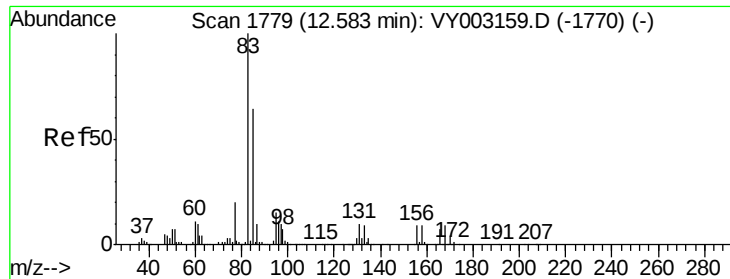
43 100

70 41.9 35.6 53.4

55 23.9 19.4 29.2

61 24.2 20.8 31.2





#75

1,1,2,2-Tetrachloroethane

Concen: 53.354 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY003226.D

Acq: 16 Jul 2020 21:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 164048

Ion Ratio Lower Upper

83 100

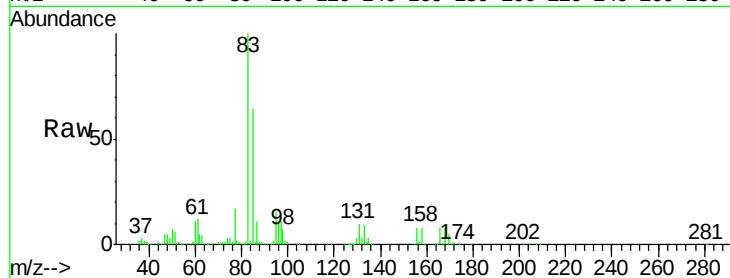
131 10.3 5.2 15.6

85 64.1 32.0 96.0

Manual Integrations
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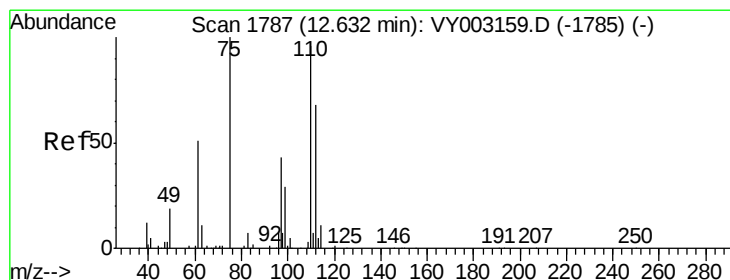
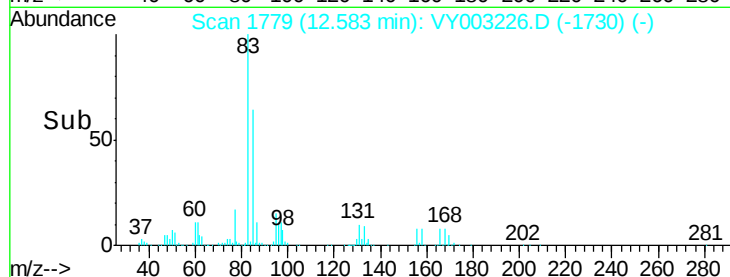
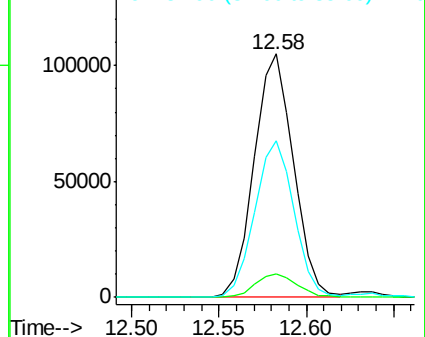
7/17/2020 4:43:11 PM



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: 53.260 ug/l m

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY003226.D

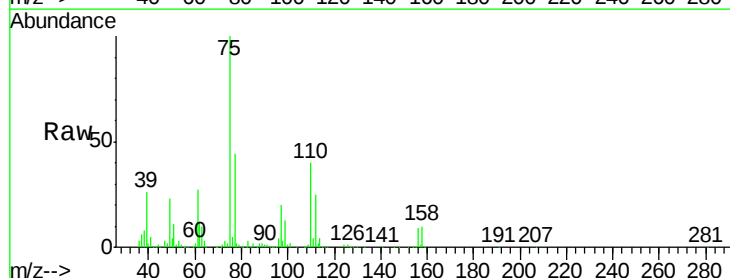
Acq: 16 Jul 2020 21:40

Tgt Ion: 75 Resp: 117774

Ion Ratio Lower Upper

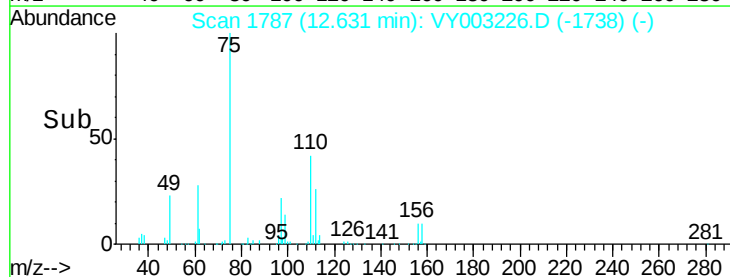
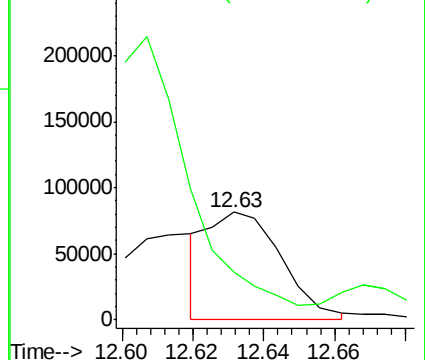
75 100

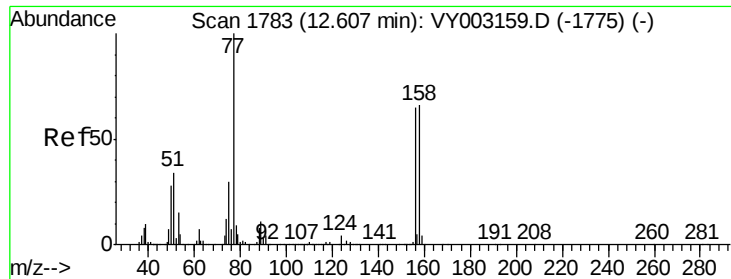
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 51.083 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY003226.D

Acq: 16 Jul 2020 21:40

Instrument :

MSVOA_Y

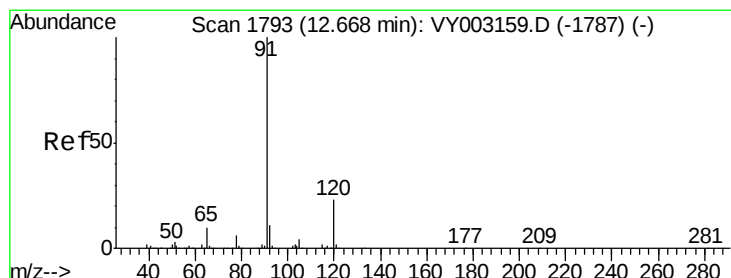
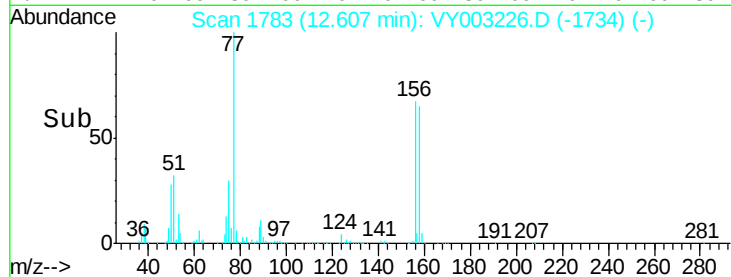
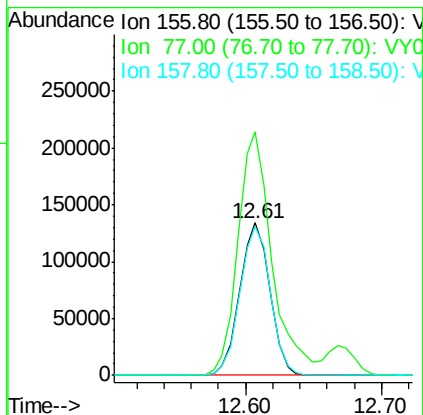
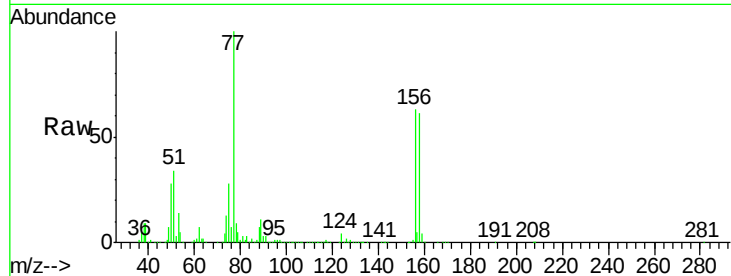
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	207298
Ion	Ratio	Lower	Upper
156	100		
77	180.0	86.6	259.7
158	99.1	49.4	148.0

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#78

n-propylbenzene

Concen: 53.408 ug/l

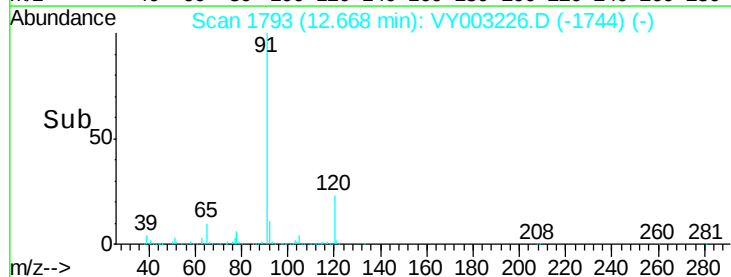
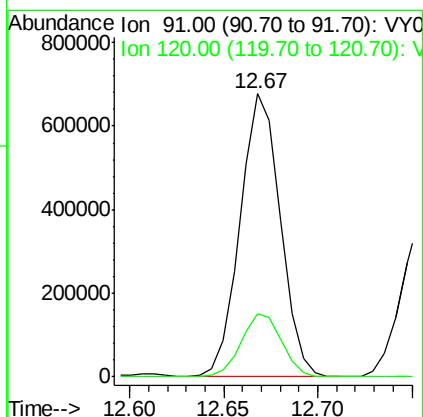
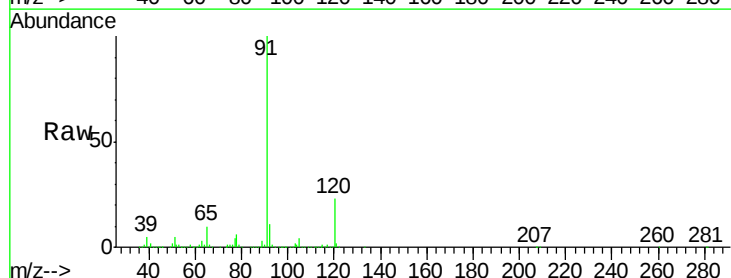
RT: 12.67 min Scan# 1793

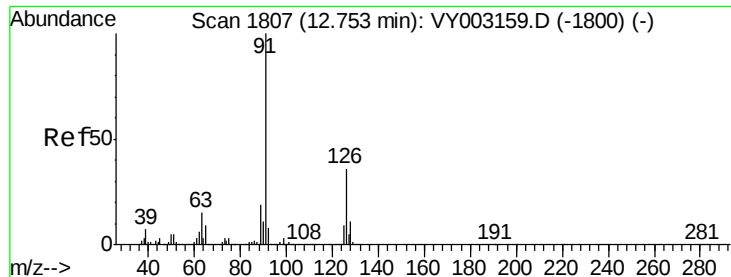
Delta R.T. -0.00 min

Lab File: VY003226.D

Acq: 16 Jul 2020 21:40

Tgt Ion:	91	Resp:	1002233
Ion	Ratio	Lower	Upper
91	100		
120	22.6	11.7	35.1





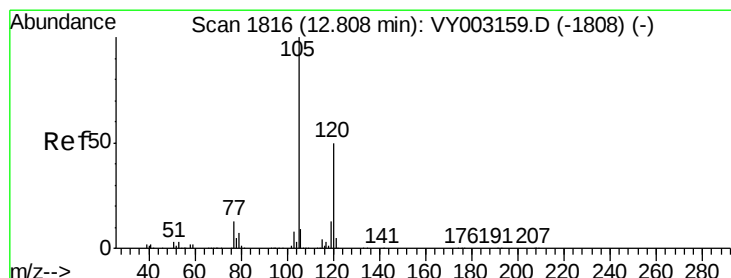
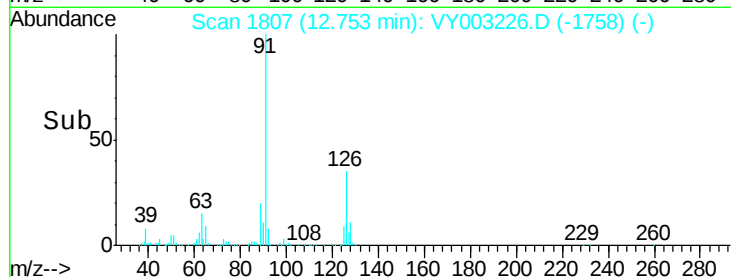
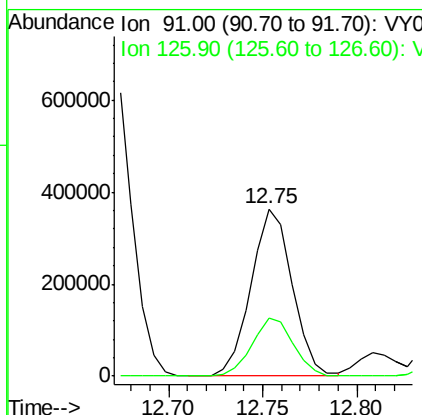
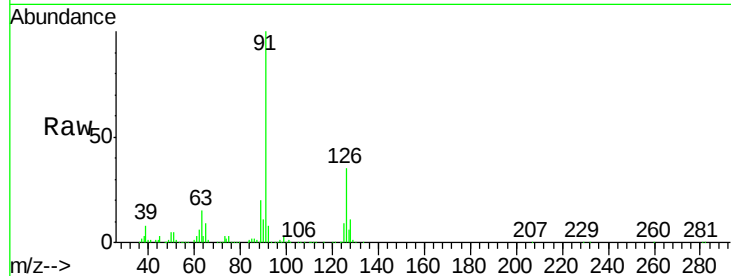
#79
 2-Chlorotoluene
 Concen: 52.820 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: VY003226.D
 Acq: 16 Jul 2020 21:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 553030
 Ion Ratio Lower Upper
 91 100
 126 34.6 17.6 52.9

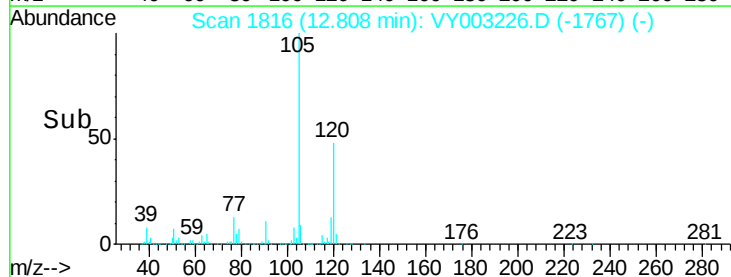
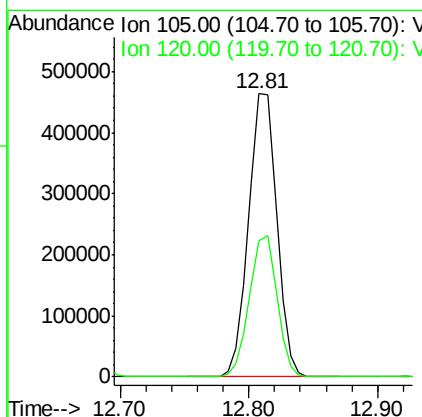
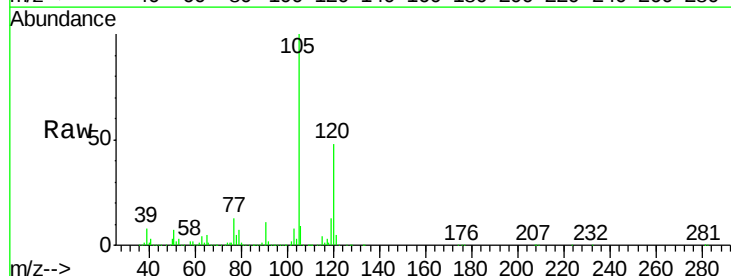
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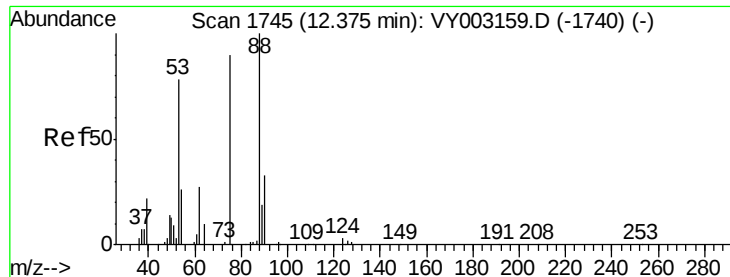
MMDadoda
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#80
 1,3,5-Trimethylbenzene
 Concen: 52.641 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. -0.00 min
 Lab File: VY003226.D
 Acq: 16 Jul 2020 21:40

Tgt Ion: 105 Resp: 698472
 Ion Ratio Lower Upper
 105 100
 120 49.2 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 52.135 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VY003226.D

Acq: 16 Jul 2020 21:40

Instrument :

MSVOA_Y

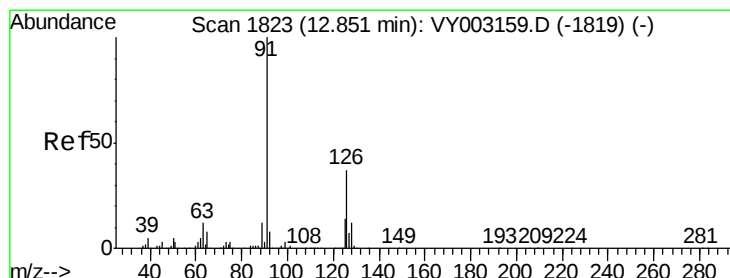
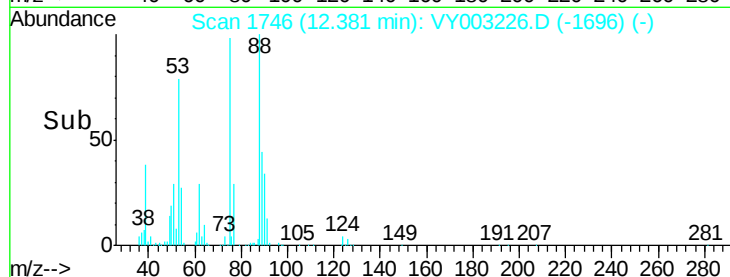
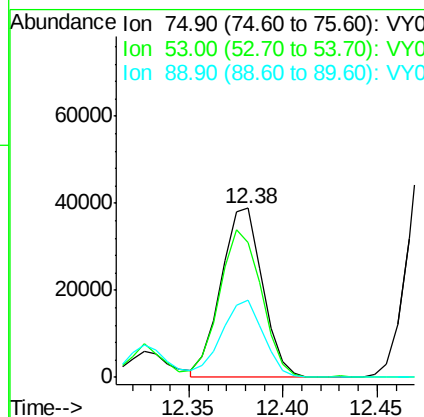
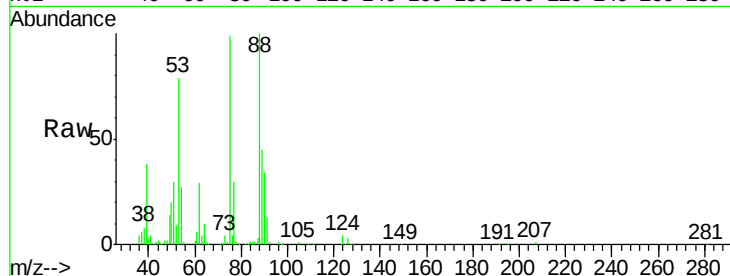
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	59237
Ion	Ratio	Lower	Upper
75	100		
53	88.3	72.0	108.0
89	46.2	37.3	55.9

Manual Integrations
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#82

4-Chlorotoluene

Concen: 52.329 ug/l

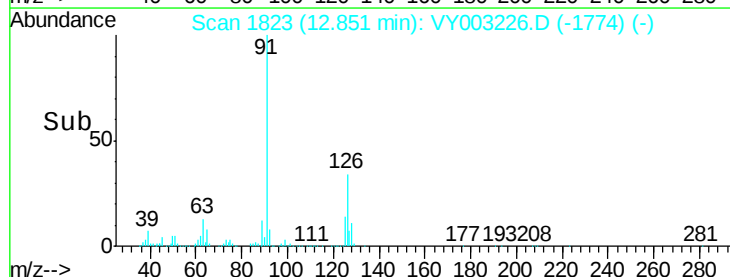
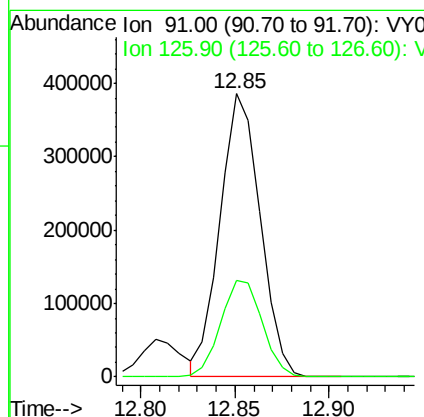
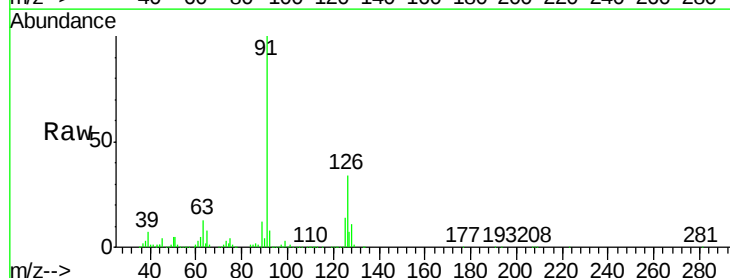
RT: 12.85 min Scan# 1823

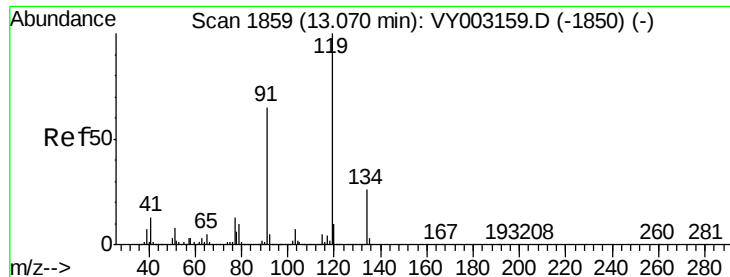
Delta R.T. -0.00 min

Lab File: VY003226.D

Acq: 16 Jul 2020 21:40

Tgt Ion:	91	Resp:	571855
Ion	Ratio	Lower	Upper
91	100		
126	35.3	17.9	53.7





#83

tert-Butylbenzene

Concen: 52.869 ug/l

RT: 13.08 min Scan# 1860

Delta R.T. 0.01 min

Lab File: VY003226.D

Acq: 16 Jul 2020 21:40

Instrument :

MSVOA_Y

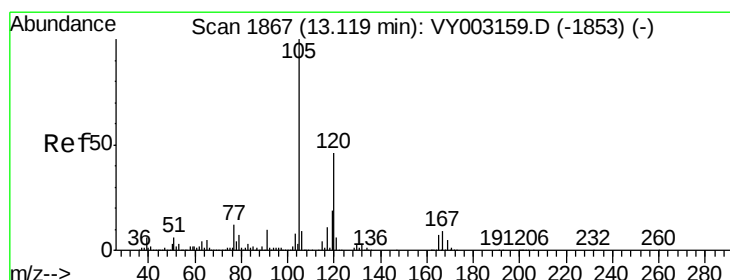
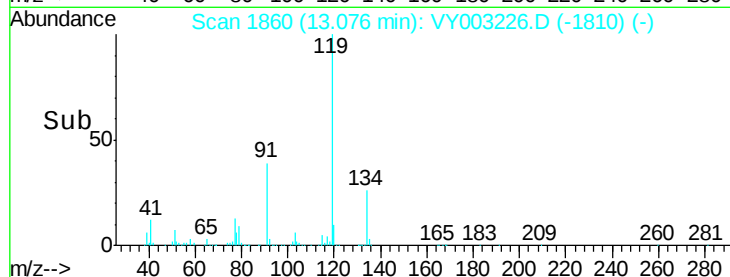
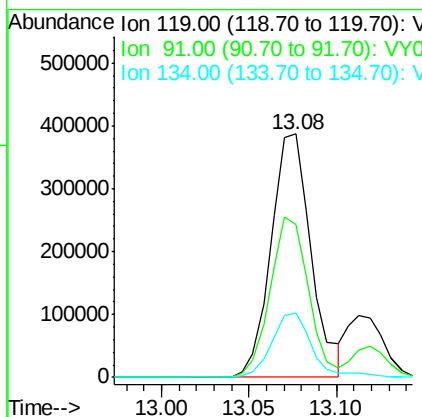
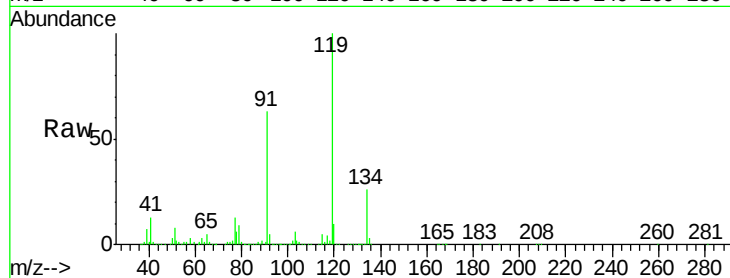
ClientSampleId :

VSTDCCC050EC

Tot Ion:	119	Resp:	618979
Ion Ratio	Lower	Upper	
119	100		
91	62.9	30.8	92.4
134	26.5	13.2	39.6

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 52.896 ug/l

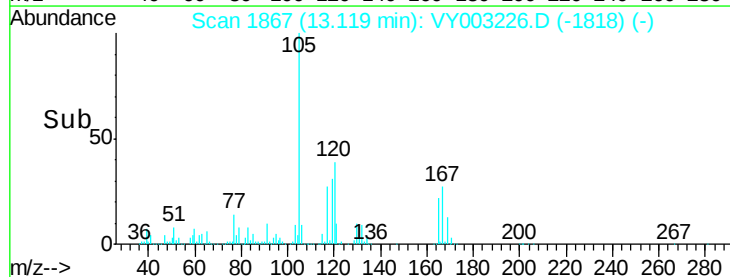
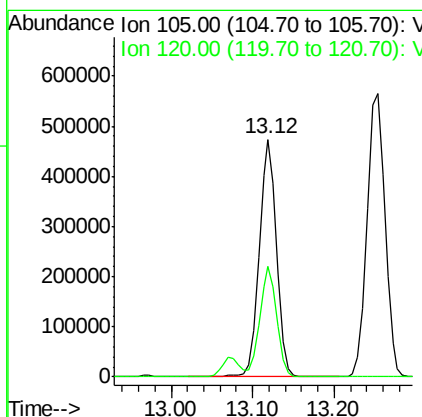
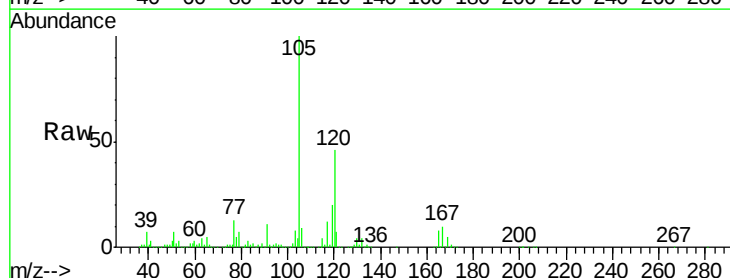
RT: 13.12 min Scan# 1867

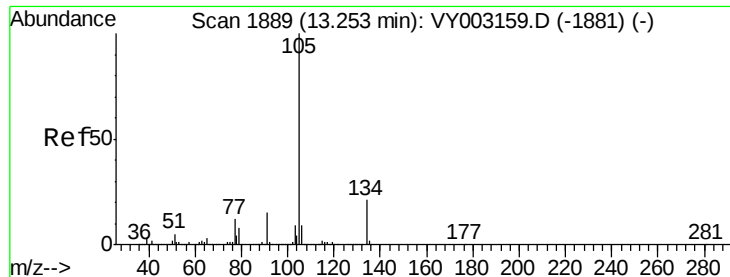
Delta R.T. -0.00 min

Lab File: VY003226.D

Acq: 16 Jul 2020 21:40

Tgt Ion:	105	Resp:	706178
Ion Ratio	Lower	Upper	
105	100		
120	45.6	22.5	67.5





#85

sec-Butylbenzene

Concen: 52.688 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY003226.D

Acq: 16 Jul 2020 21:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 847837

Ion Ratio Lower Upper

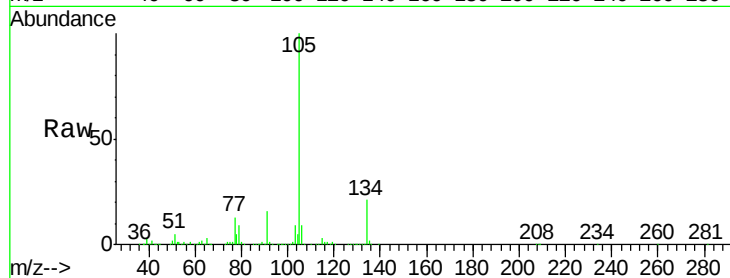
105 100

134 20.7 10.4 31.4

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

600000

500000

400000

300000

200000

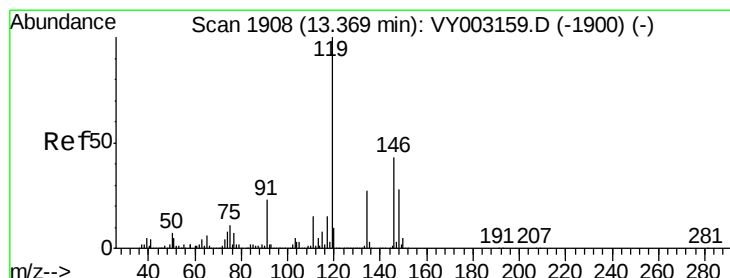
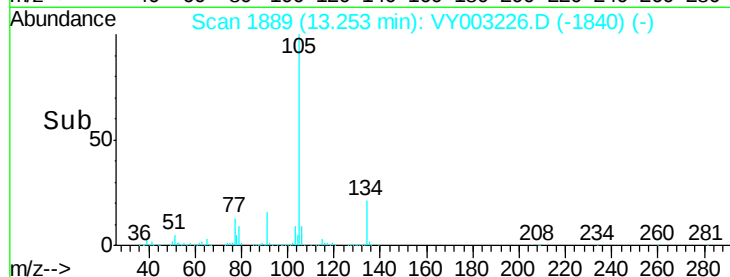
100000

0

13.25

13.30

Time-->



#86

p-Isopropyltoluene

Concen: 52.200 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY003226.D

Acq: 16 Jul 2020 21:40

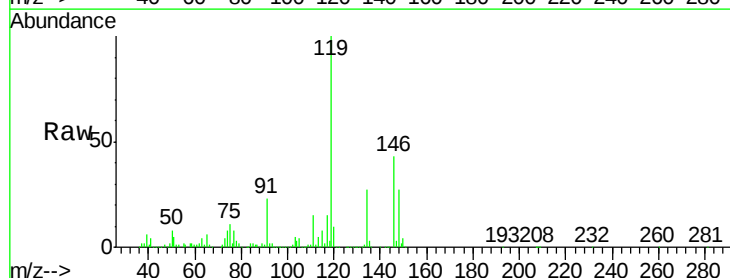
Tgt Ion:119 Resp: 784298

Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.2

91 22.9 11.2 33.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

600000

400000

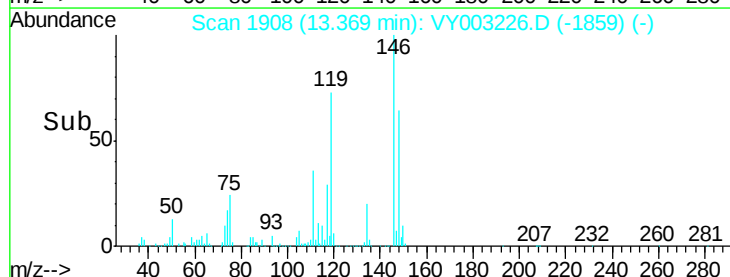
200000

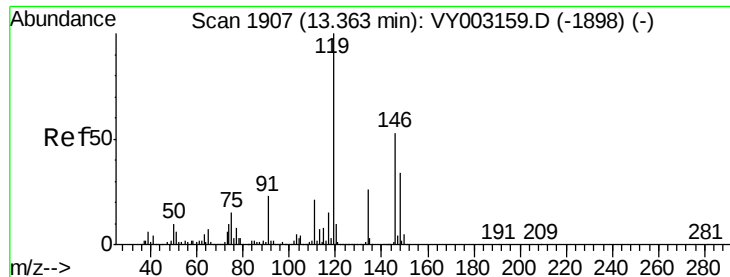
0

13.37

13.40

Time-->





#87

1,3-Dichlorobenzene

Concen: 51.094 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.00 min

Lab File: VY003226.D

Acq: 16 Jul 2020 21:40

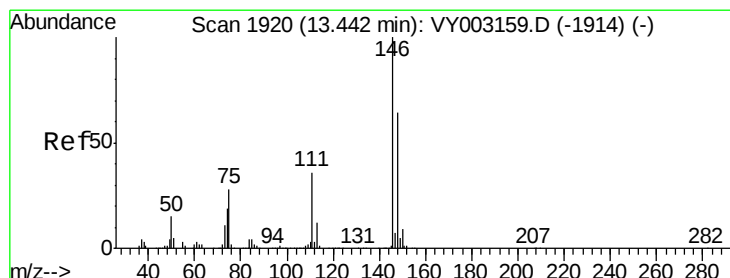
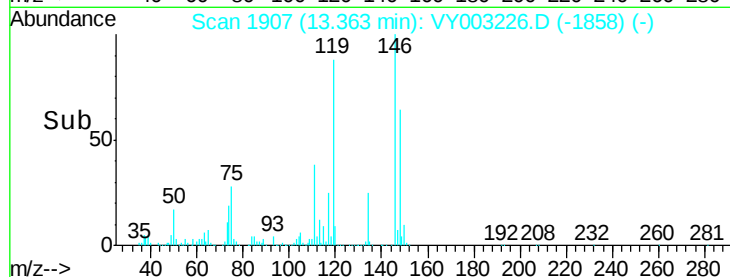
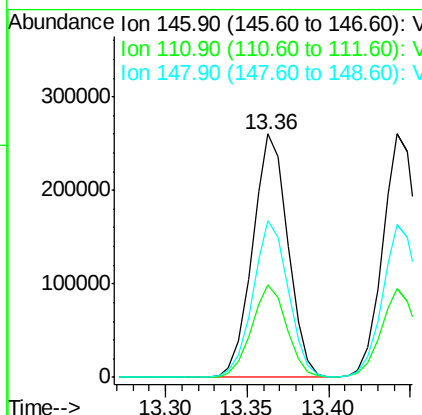
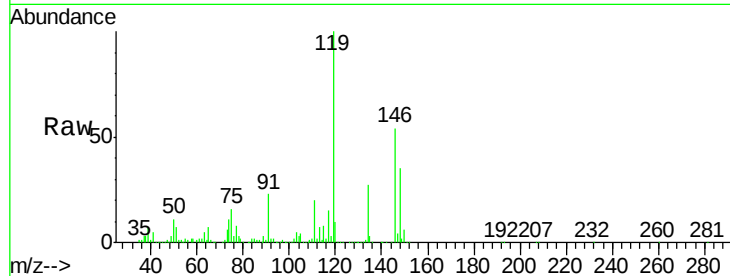
Instrument :
MSVOA_Y

ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.8	56.3
148	64.2	32.3	96.9

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 51.232 ug/l

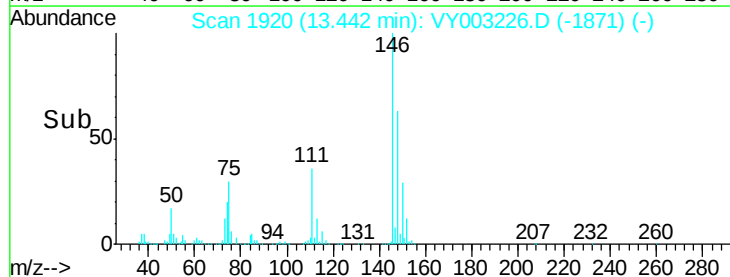
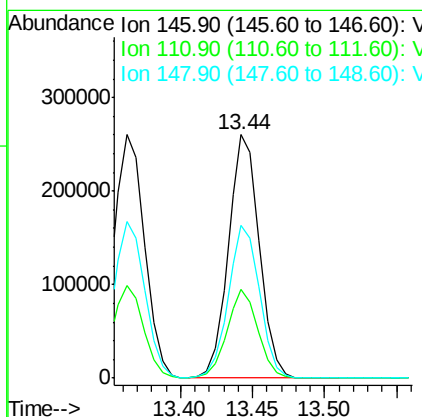
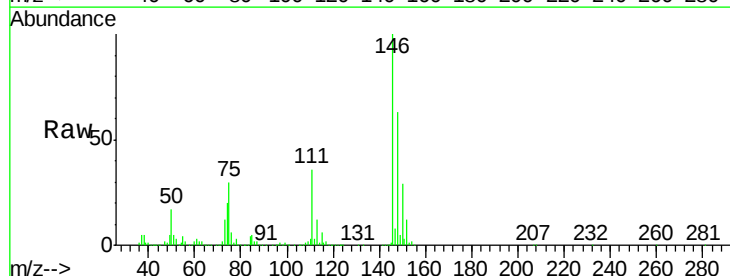
RT: 13.44 min Scan# 1920

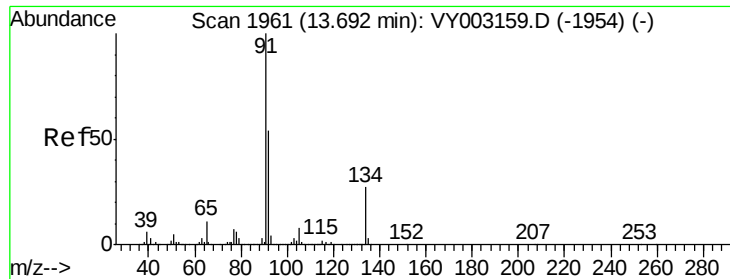
Delta R.T. -0.00 min

Lab File: VY003226.D

Acq: 16 Jul 2020 21:40

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.4	18.4	55.0
148	63.7	32.0	96.0





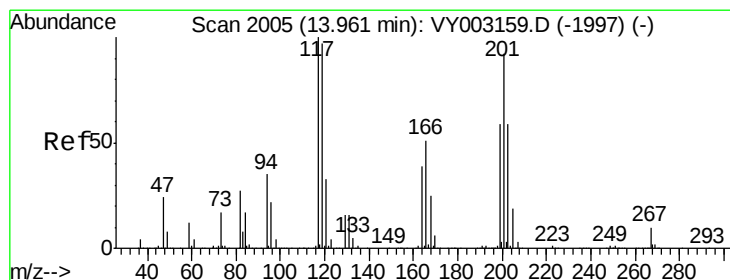
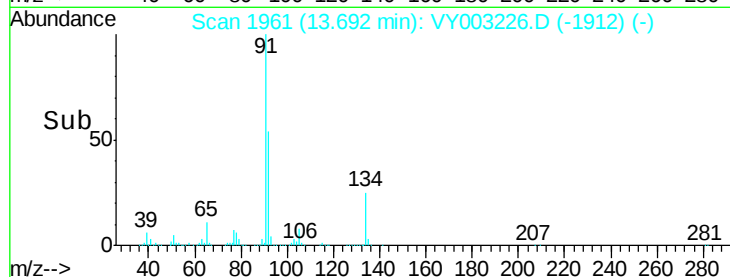
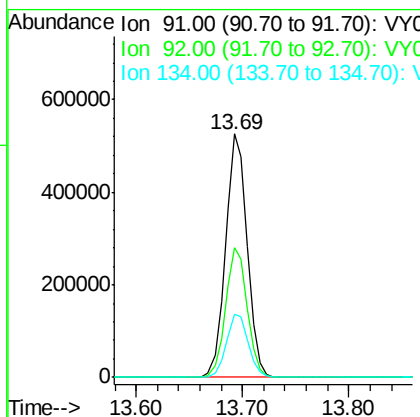
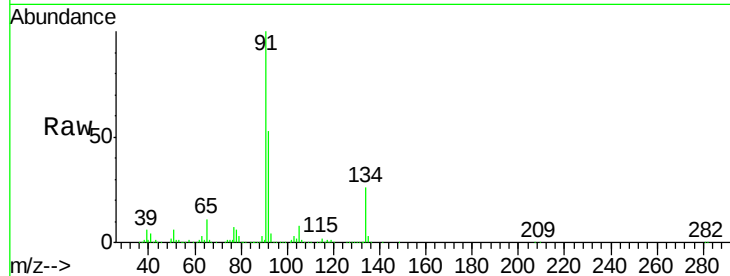
#89
n-Butylbenzene
Concen: 52.618 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY003226.D
Acq: 16 Jul 2020 21:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.5	26.9	80.7
134	26.3	13.6	40.7

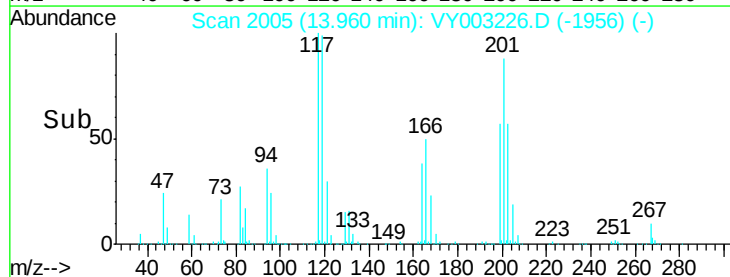
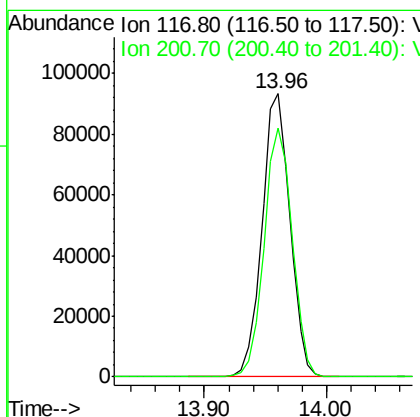
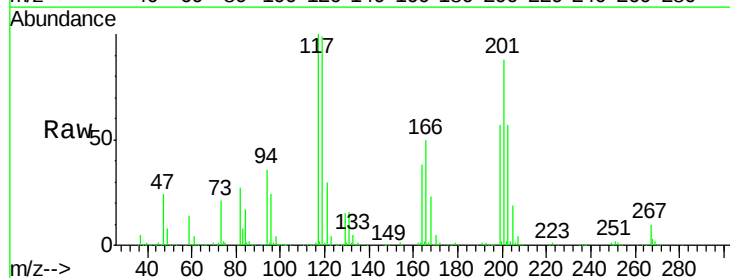
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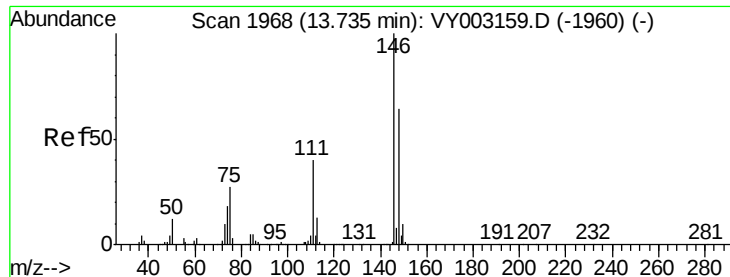
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#90
Hexachloroethane
Concen: 54.235 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY003226.D
Acq: 16 Jul 2020 21:40

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.3	45.1	135.3





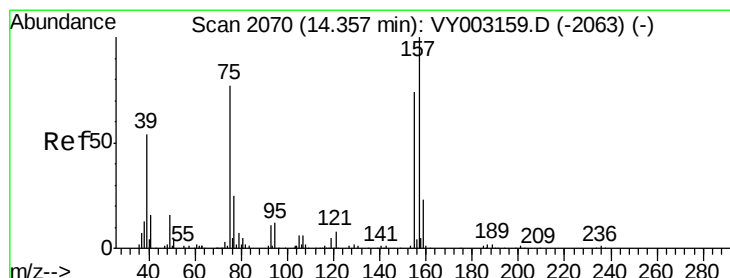
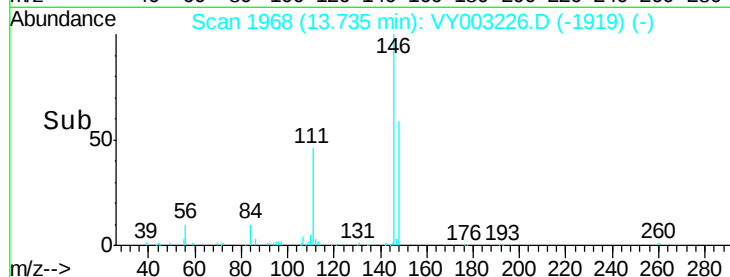
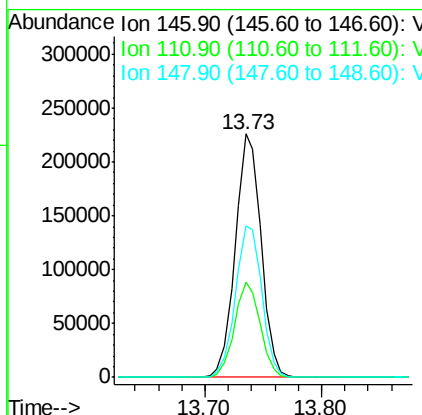
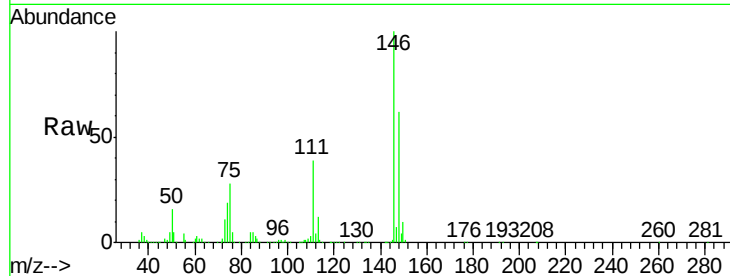
#91
 1,2-Dichlorobenzene
 Concen: 51.686 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VY003226.D
 Acq: 16 Jul 2020 21:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.6	58.8
148	64.0	32.4	97.0

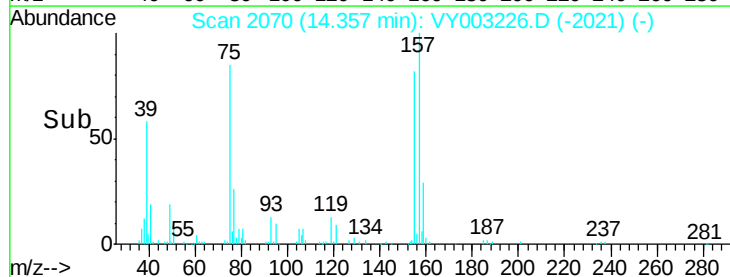
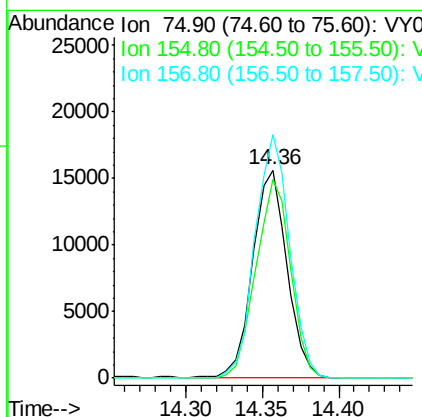
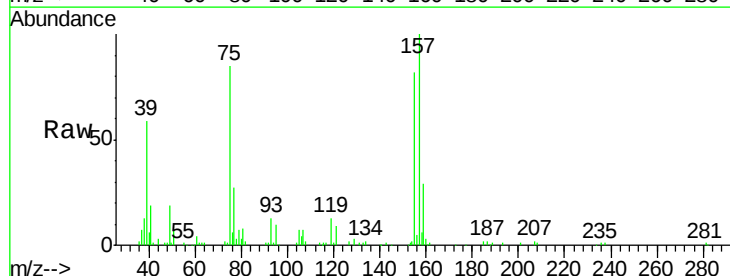
Manual Integrations
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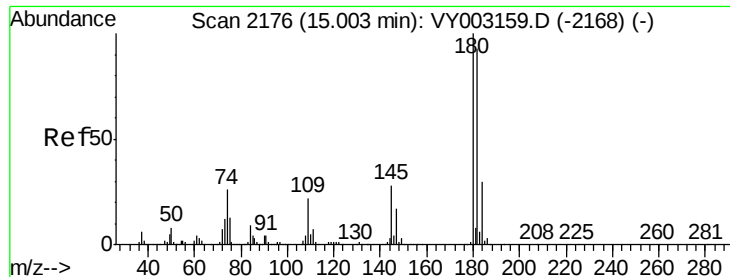
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.182 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY003226.D
 Acq: 16 Jul 2020 21:40

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.9	48.1	144.3
157	117.0	61.9	185.6





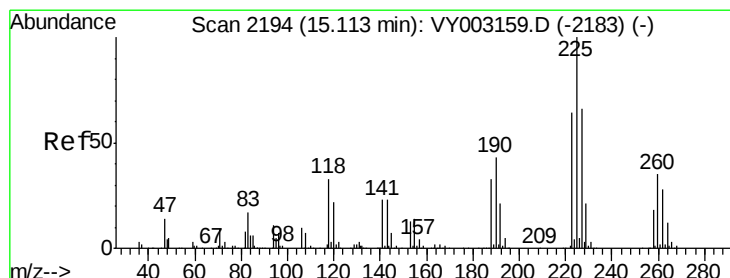
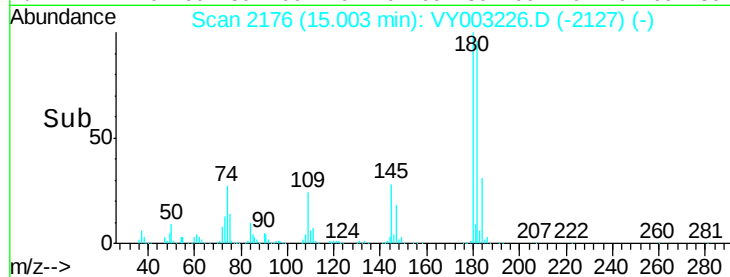
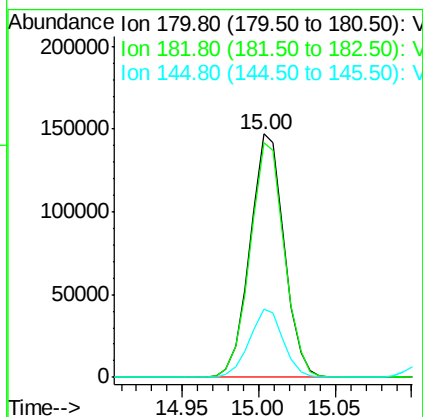
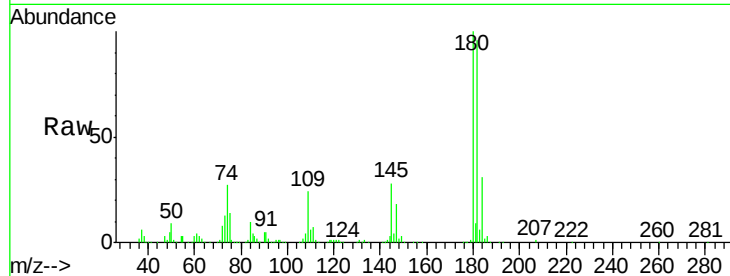
#93
 1,2,4-Trichlorobenzene
 Concen: 47.561 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY003226.D
 Acq: 16 Jul 2020 21:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	227862		
182	96.7	47.3	142.0	
145	27.8	13.7	41.1	

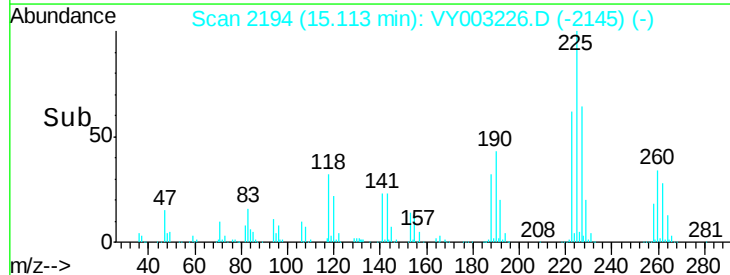
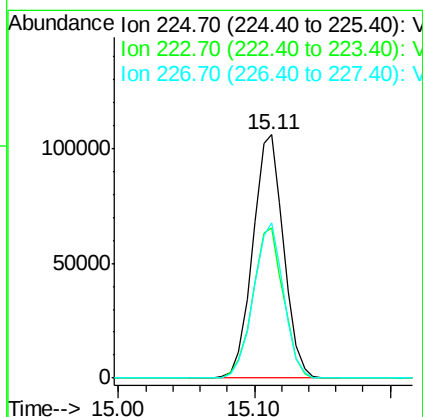
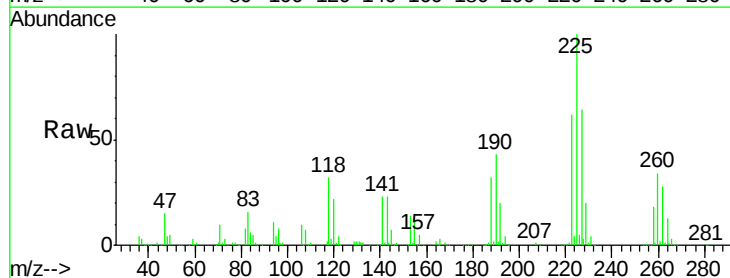
Manual Integrations
 APPROVED

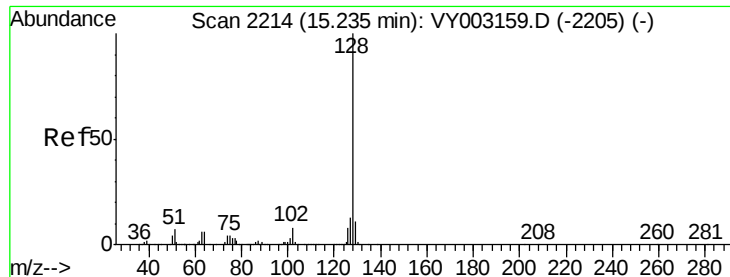
MMDadoda
 7/17/2020 4:43:11 PM



#94
 Hexachlorobutadiene
 Concen: 51.021 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY003226.D
 Acq: 16 Jul 2020 21:40

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	167490		
223	61.9	31.6	94.7	
227	62.4	32.3	96.8	





#95

Naphthalene

Concen: 47.951 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. -0.00 min

Lab File: VY003226.D

Acq: 16 Jul 2020 21:40

Instrument :

MSVOA_Y

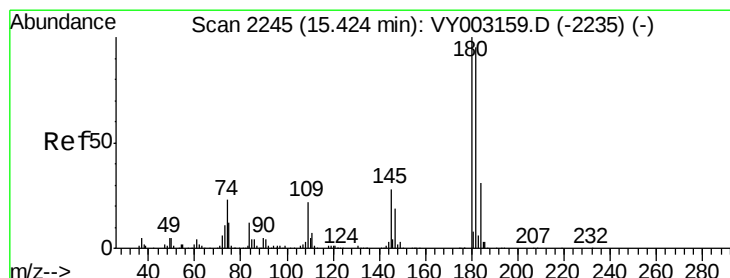
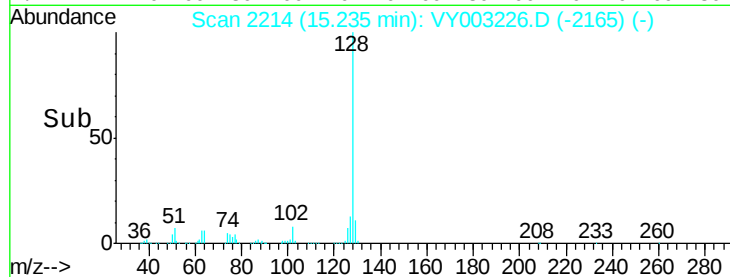
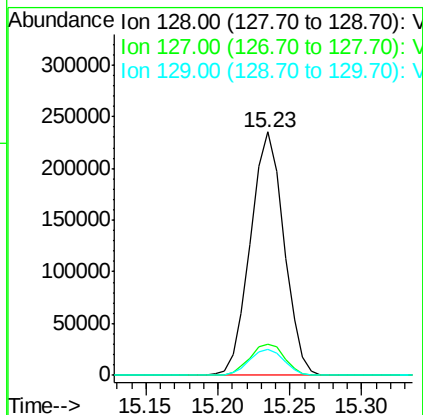
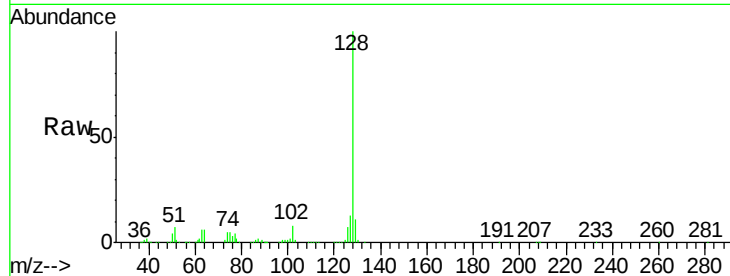
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	379667
Ion Ratio	Lower	Upper	
128	100		
127	13.5	10.9	16.3
129	11.0	9.0	13.6

Manual Integrations
APPROVED

MMDadoda
7/17/2020 4:43:11 PM



#96

1,2,3-Trichlorobenzene

Concen: 46.007 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. -0.00 min

Lab File: VY003226.D

Acq: 16 Jul 2020 21:40

Tgt Ion:	180	Resp:	174235
Ion Ratio	Lower	Upper	
180	100		
182	95.7	48.8	146.3
145	29.4	14.9	44.5

