

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY022620\
 Data File : VY001773.D
 Acq On : 26 Feb 2020 10:12
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 2/27/2020 10:45:52 AM

Quant Time: Feb 26 15:44:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 17 12:19:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	192203	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	341634	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	306199	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	145956	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	104357	50.48	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	100.96%	
35) Dibromofluoromethane	7.74	113	99488	50.84	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	101.68%	
50) Toluene-d8	10.19	98	412606	53.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.64%	
62) 4-Bromofluorobenzene	12.49	95	147505	49.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	95778	51.121	ug/l	99
3) Chloromethane	2.12	50	119083	47.256	ug/l	100
4) Vinyl Chloride	2.26	62	120936	47.580	ug/l	97
5) Bromomethane	2.66	94	75356	47.437	ug/l	94
6) Chloroethane	2.80	64	76531	48.862	ug/l	98
7) Trichlorofluoromethane	3.14	101	165089	50.749	ug/l	99
8) Diethyl Ether	3.54	74	63172	49.260	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.91	101	105884	51.785	ug/l	100
10) Methyl Iodide	4.11	142	127625	51.001	ug/l	100
11) Tert butyl alcohol	4.97	59	58751	244.770	ug/l	99
12) 1,1-Dichloroethene	3.89	96	104354	50.040	ug/l	97
13) Acrolein	3.75	56	56307	269.670	ug/l	100
14) Allyl chloride	4.50	41	188682	50.837	ug/l	99
15) Acrylonitrile	5.19	53	173558	264.031	ug/l	99
16) Acetone	3.96	43	194722	272.205	ug/l	98
17) Carbon Disulfide	4.21	76	328407	47.169	ug/l	99
18) Methyl Acetate	4.50	43	78688	50.511	ug/l	100
19) Methyl tert-butyl Ether	5.24	73	286811	49.397	ug/l	100
20) Methylene Chloride	4.73	84	117523	46.252	ug/l	99
21) trans-1,2-Dichloroethene	5.24	96	118232	49.691	ug/l	96
22) Diisopropyl ether	6.14	45	384702	50.473	ug/l	99
23) Vinyl Acetate	6.08	43	1267025	254.845	ug/l	99
24) 1,1-Dichloroethane	6.04	63	206893	50.787	ug/l	99
25) 2-Butanone	7.00	43	258701	266.215	ug/l	98
26) 2,2-Dichloropropane	7.00	77	173784	49.032	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	128480	48.920	ug/l	99
28) Bromochloromethane	7.35	49	91851	54.126	ug/l	98
29) Tetrahydrofuran	7.36	42	149020	253.711	ug/l	99
30) Chloroform	7.53	83	193665	48.654	ug/l	98
31) Cyclohexane	7.80	56	206526	47.549	ug/l	99
32) 1,1,1-Trichloroethane	7.72	97	166195	49.678	ug/l	99
36) 1,1-Dichloropropene	7.94	75	164689	50.467	ug/l	99
37) Ethyl Acetate	7.10	43	99712	51.195	ug/l	99
38) Carbon Tetrachloride	7.92	117	143837	50.182	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	215153	49.697	ug/l	98
40) Benzene	8.17	78	485190	50.554	ug/l	99
41) Methacrylonitrile	7.34	41	51041m	52.192	ug/l	
42) 1,2-Dichloroethane	8.25	62	127865	48.904	ug/l	99
43) Isopropyl Acetate	8.29	43	188366	50.972	ug/l	99
44) Trichloroethene	8.95	130	118406	49.422	ug/l	95
45) 1,2-Dichloropropane	9.23	63	124546	51.817	ug/l	98
46) Dibromomethane	9.31	93	63563	50.561	ug/l	99
47) Bromodichloromethane	9.51	83	152476	50.254	ug/l	99
48) Methyl methacrylate	9.30	41	82908	49.607	ug/l	98
49) 1,4-Dioxane	9.31	88	17016	958.315	ug/l	91
51) 4-Methyl-2-Pentanone	10.08	43	487190	256.592	ug/l	100
52) Toluene	10.25	92	299588	50.043	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	169906	50.654	ug/l	98
54) cis-1,3-Dichloropropene	9.94	75	197714	51.214	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	95693	51.622	ug/l	97
56) Ethyl methacrylate	10.52	69	141324	50.819	ug/l	99
57) 1,3-Dichloropropane	10.80	76	167625	50.892	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	258907	247.355	ug/l	99
59) 2-Hexanone	10.84	43	380074	266.790	ug/l	99
60) Dibromochloromethane	10.99	129	103718	50.749	ug/l	100
61) 1,2-Dibromoethane	11.10	107	89849	51.261	ug/l	99
64) Tetrachloroethene	10.73	164	94072	48.940	ug/l	96
65) Chlorobenzene	11.52	112	305052	49.900	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	104270	50.563	ug/l	100
67) Ethyl Benzene	11.60	91	577288	50.886	ug/l	98
68) m/p-Xylenes	11.71	106	430677	101.628	ug/l	98
69) o-Xylene	12.03	106	204274	50.703	ug/l	97
70) Styrene	12.05	104	357237	51.021	ug/l	99
71) Bromoform	12.22	173	60147	51.037	ug/l #	100
73) Isopropylbenzene	12.34	105	554943	49.908	ug/l	99
74) N-amyl acetate	12.15	43	176368	49.700	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.59	83	121938	51.360	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	74244m	44.343	ug/l	
77) Bromobenzene	12.61	156	117194	48.619	ug/l	98
78) n-propylbenzene	12.68	91	682531	50.400	ug/l	100
79) 2-Chlorotoluene	12.77	91	372556	49.050	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	459001	49.868	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	45477	51.530	ug/l	95
82) 4-Chlorotoluene	12.86	91	401436	50.112	ug/l	100
83) tert-Butylbenzene	13.08	119	383767	49.852	ug/l	100
84) 1,2,4-Trimethylbenzene	13.13	105	456227	49.718	ug/l	99
85) sec-Butylbenzene	13.26	105	568116	50.178	ug/l	100
86) p-Isopropyltoluene	13.38	119	493074	50.131	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	228908	48.966	ug/l	98
88) 1,4-Dichlorobenzene	13.45	146	230320	48.740	ug/l	99
89) n-Butylbenzene	13.70	91	503871	50.135	ug/l	100
90) Hexachloroethane	13.97	117	93616	50.517	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	210727	48.845	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.37	75	18633	47.555	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	135531	47.406	ug/l	99
94) Hexachlorobutadiene	15.12	225	66336	46.656	ug/l	98
95) Naphthalene	15.25	128	324042	49.158	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	120606	47.951	ug/l	99

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

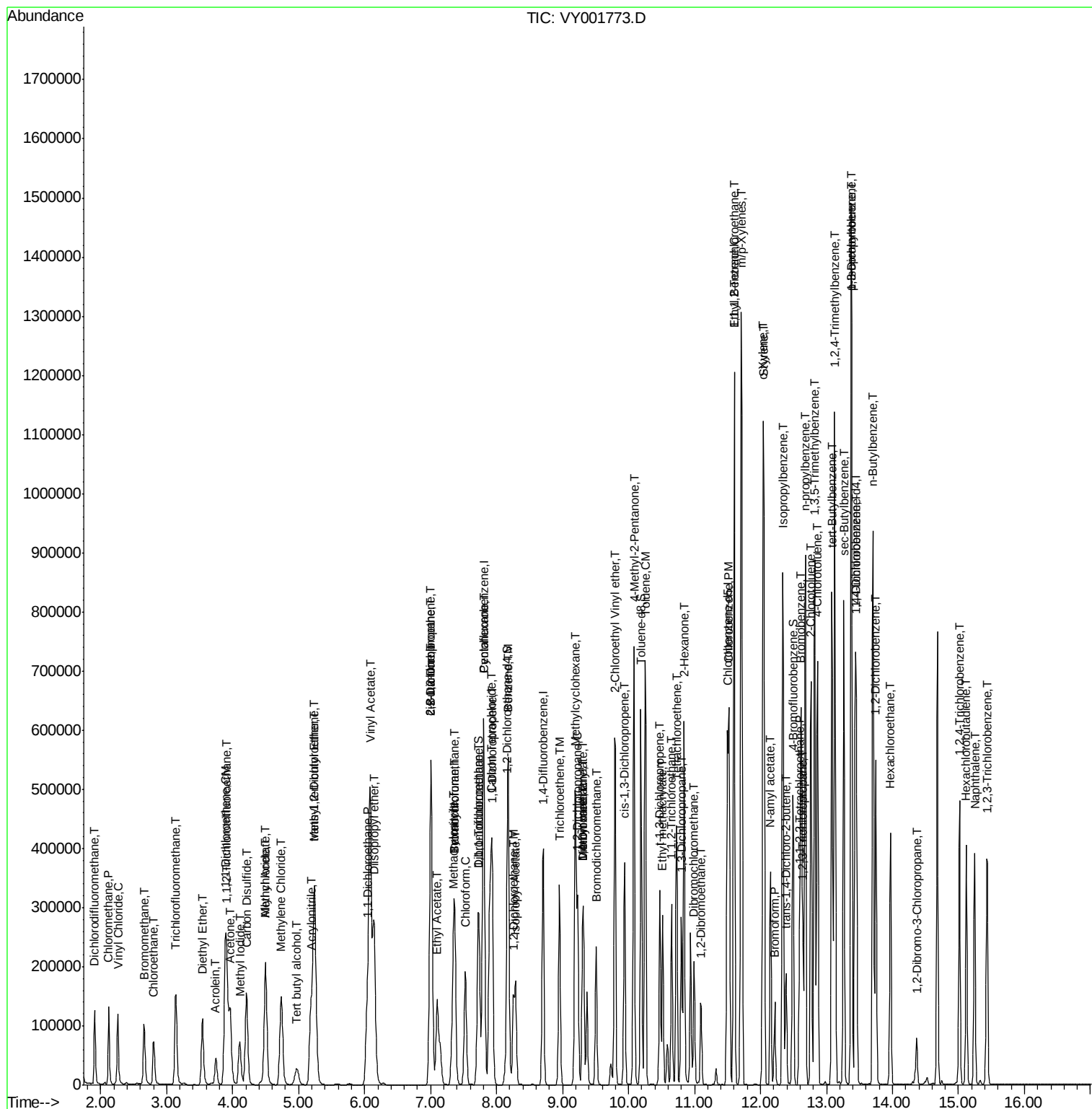
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY022620\
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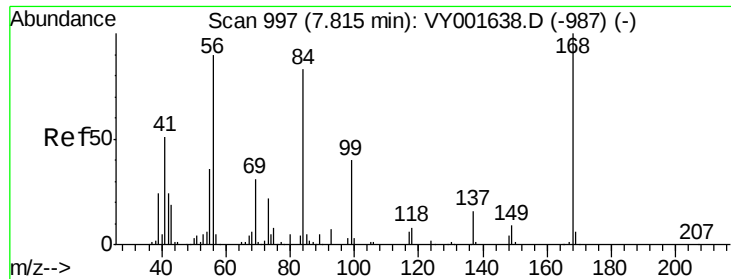
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY001773.D

Acq: 26 Feb 2020 10:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 192203

Ion Ratio Lower Upper

168 100

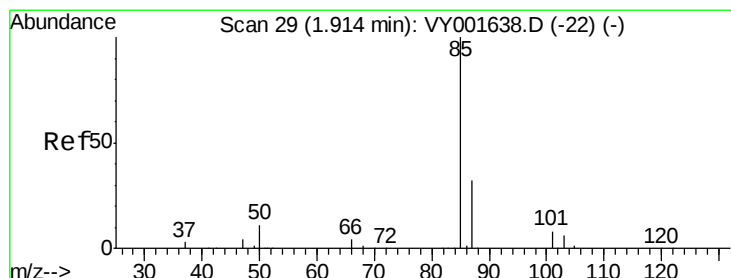
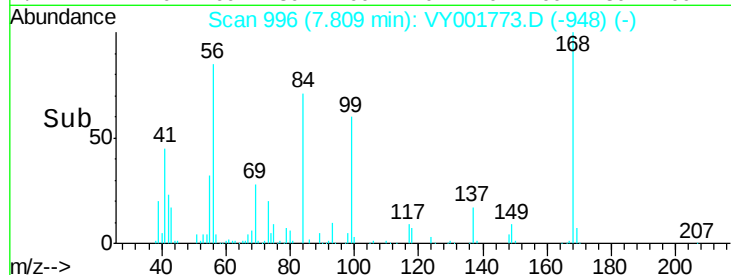
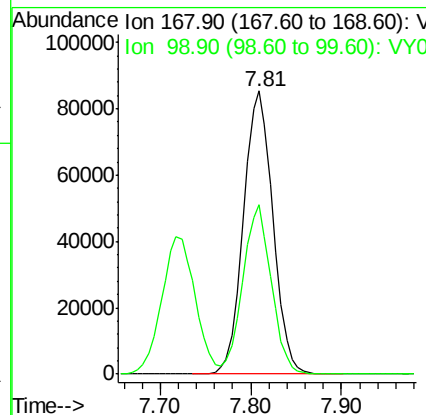
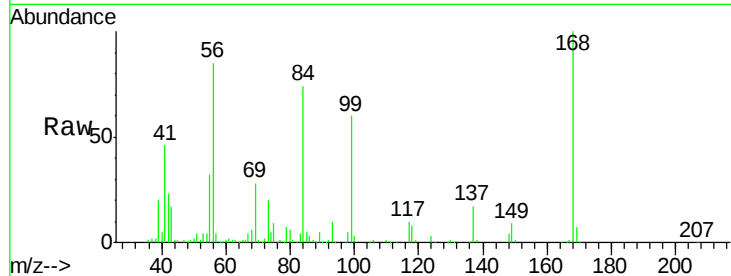
99 59.9 47.5 71.3

Manual Integrations

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MMDadoda

2/27/2020 10:45:52 AM



#2

Dichlorodifluoromethane

Concen: 51.121 ug/l

RT: 1.91 min Scan# 28

Delta R.T. -0.01 min

Lab File: VY001773.D

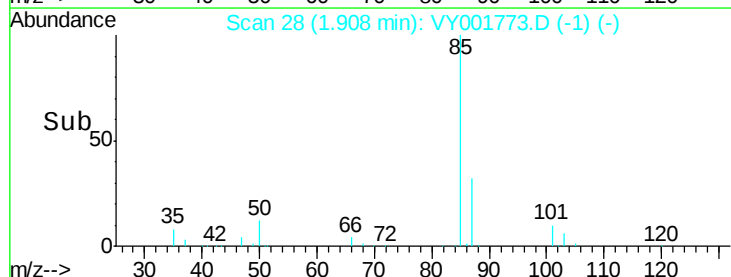
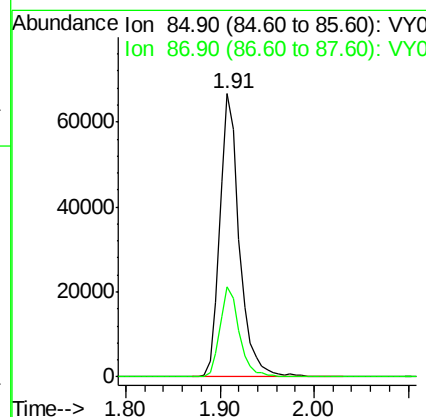
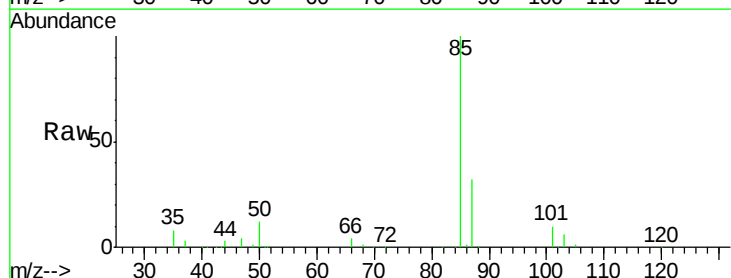
Acq: 26 Feb 2020 10:12

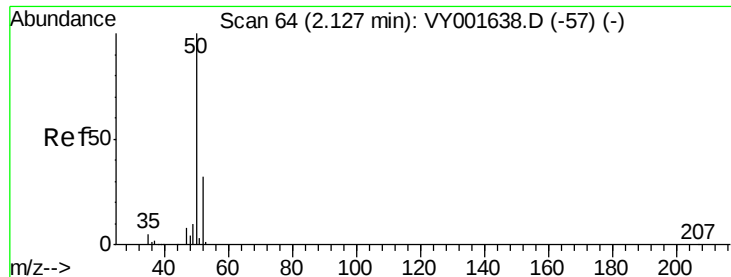
Tgt Ion: 85 Resp: 95778

Ion Ratio Lower Upper

85 100

87 31.9 16.2 48.6





#3

Chloromethane

Concen: 47.256 ug/l

RT: 2.12 min Scan# 63

Delta R.T. -0.01 min

Lab File: VY001773.D

Acq: 26 Feb 2020 10:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 119083

Ion Ratio Lower Upper

50 100

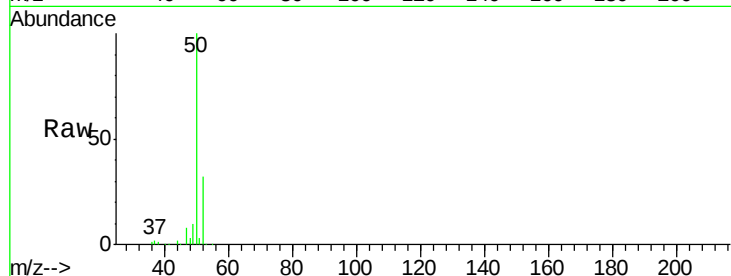
52 32.0 25.8 38.6

Manual Integrations

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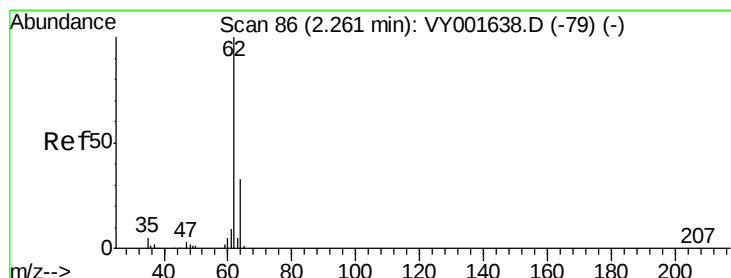
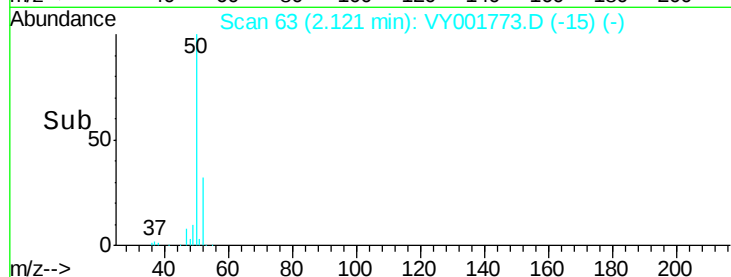
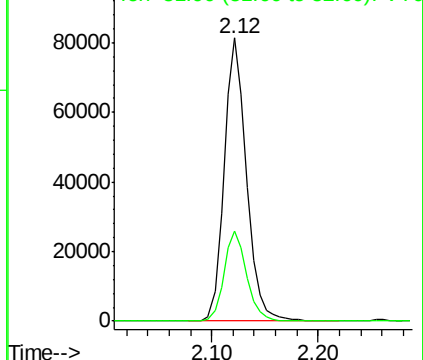
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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 47.580 ug/l

RT: 2.26 min Scan# 86

Delta R.T. -0.00 min

Lab File: VY001773.D

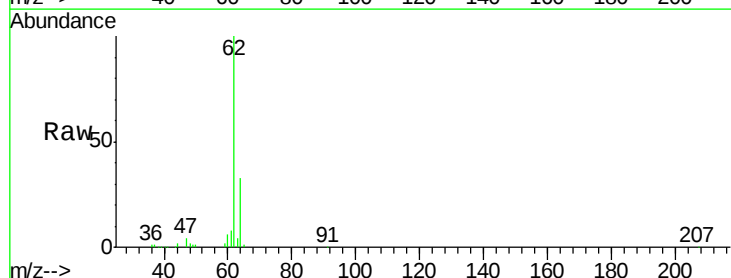
Acq: 26 Feb 2020 10:12

Tgt Ion: 62 Resp: 120936

Ion Ratio Lower Upper

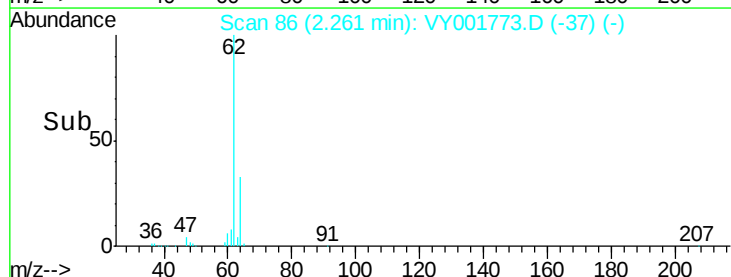
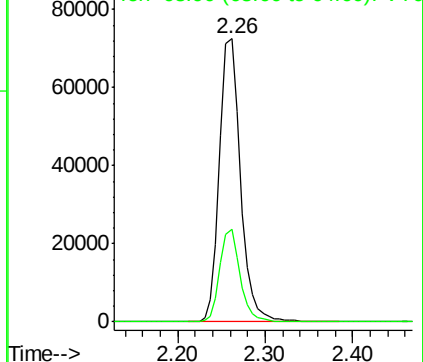
62 100

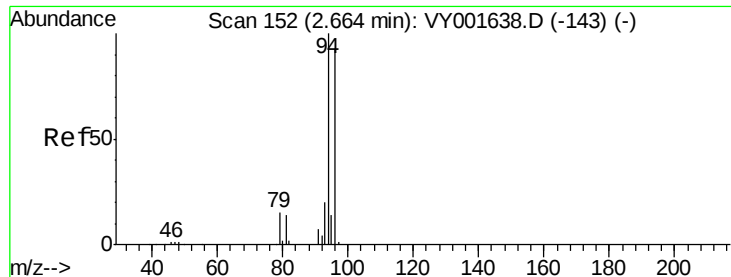
64 32.8 24.9 37.3



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 47.437 ug/l

RT: 2.66 min Scan# 151

Delta R.T. -0.01 min

Lab File: VY001773.D

Acq: 26 Feb 2020 10:12

Instrument :

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ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 75356

Ion Ratio Lower Upper

94 100

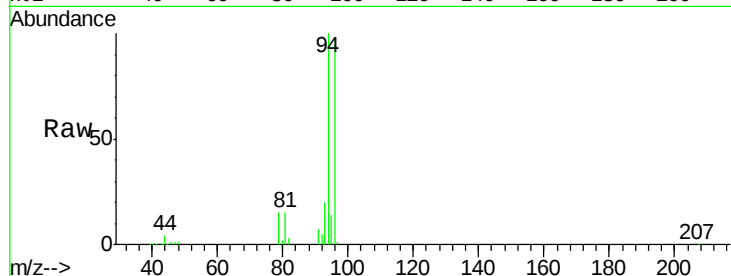
96 98.0 73.7 110.5

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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.66

40000

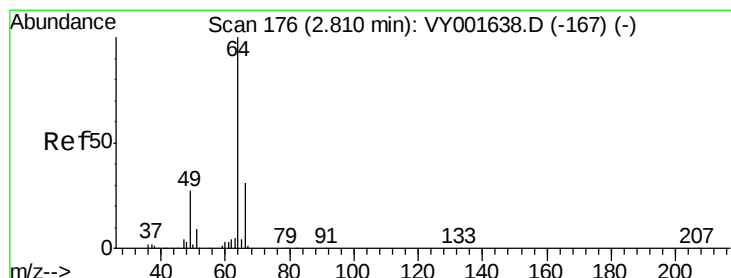
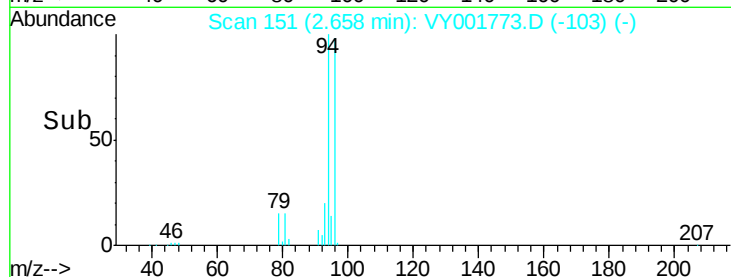
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20000

10000

0

Time-->



#6

Chloroethane

Concen: 48.862 ug/l

RT: 2.80 min Scan# 175

Delta R.T. -0.01 min

Lab File: VY001773.D

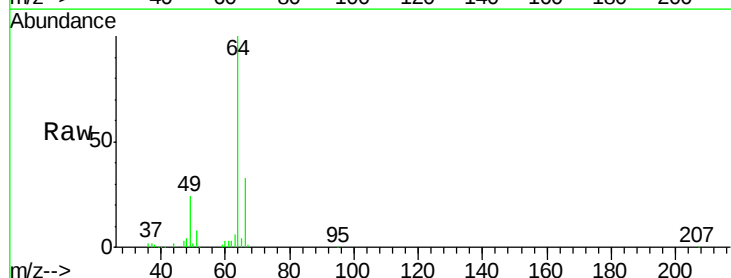
Acq: 26 Feb 2020 10:12

Tgt Ion: 64 Resp: 76531

Ion Ratio Lower Upper

64 100

66 32.9 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.80

40000

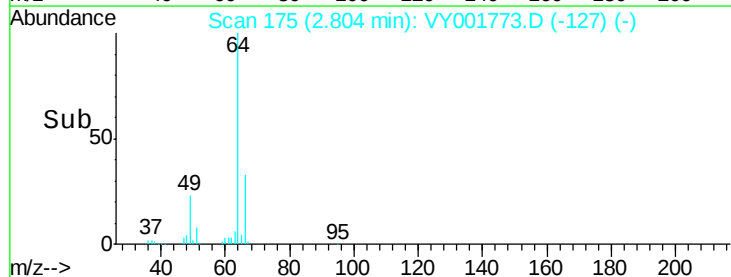
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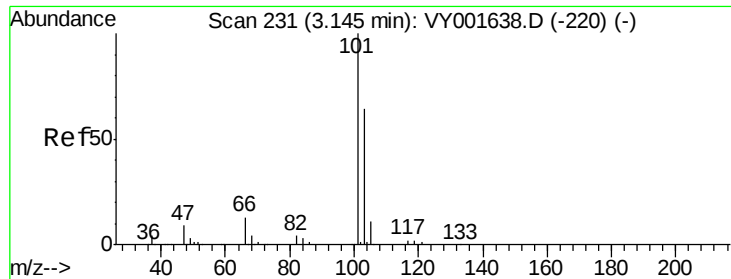
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10000

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Time-->





#7

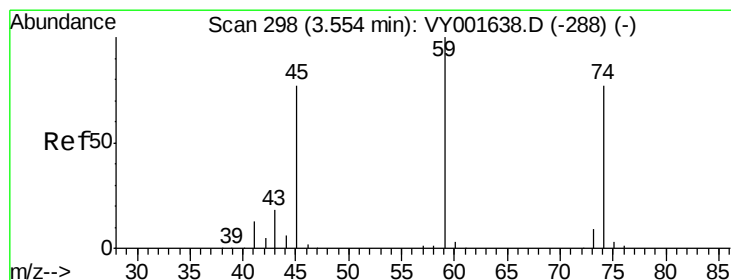
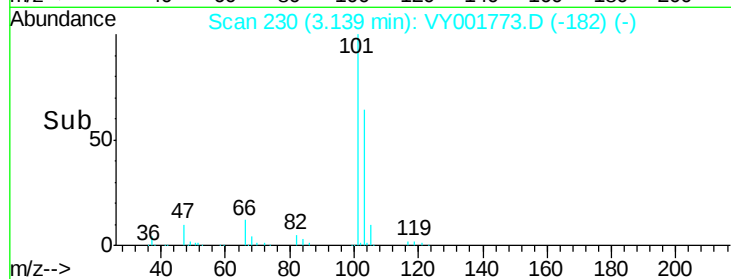
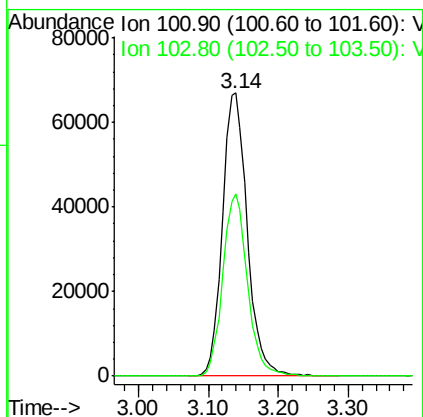
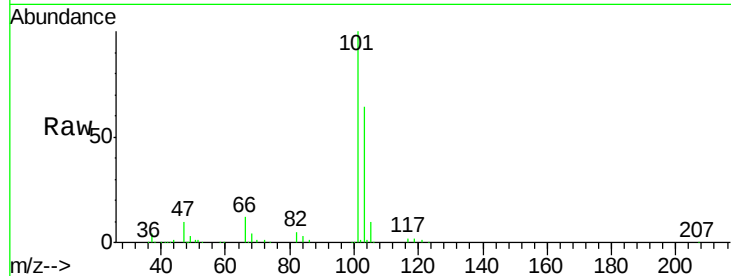
Trichlorofluoromethane
Concen: 50.749 ug/l
RT: 3.14 min Scan# 230
Delta R.T. -0.01 min
Lab File: VY001773.D
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		165089		
103	64.5	52.2	78.2		

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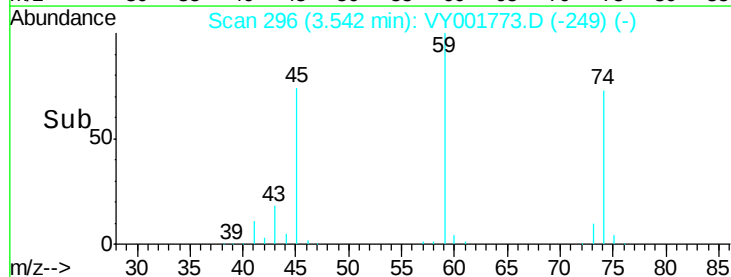
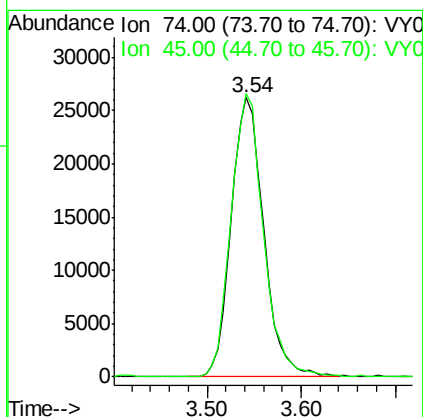
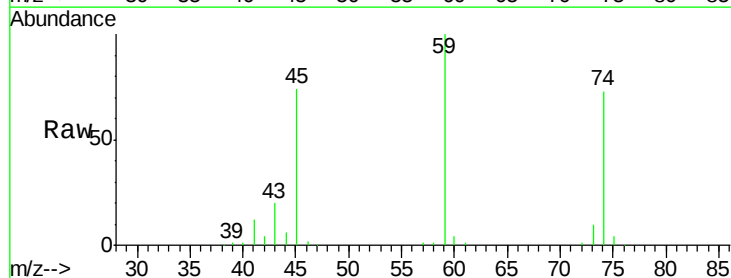
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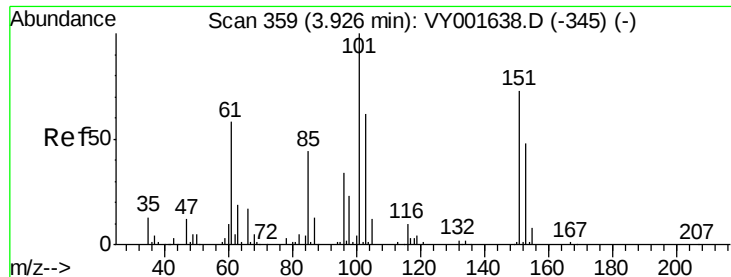


#8

Diethyl Ether
Concen: 49.260 ug/l
RT: 3.54 min Scan# 296
Delta R.T. -0.01 min
Lab File: VY001773.D
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Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		63172		
45	101.2	49.6	148.8		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.785 ug/l

RT: 3.91 min Scan# 357

Delta R.T. -0.01 min

Lab File: VY001773.D

Acq: 26 Feb 2020 10:12

Instrument :

MSVOA_Y

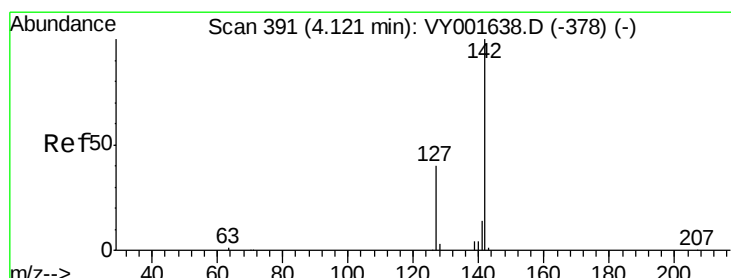
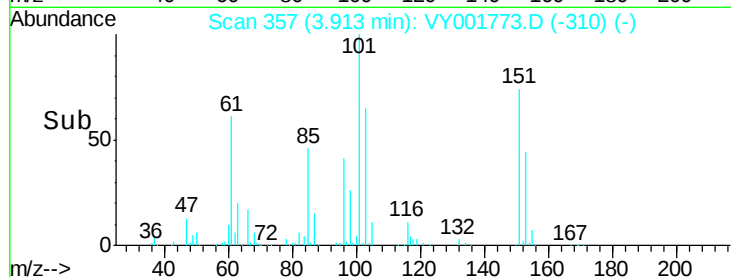
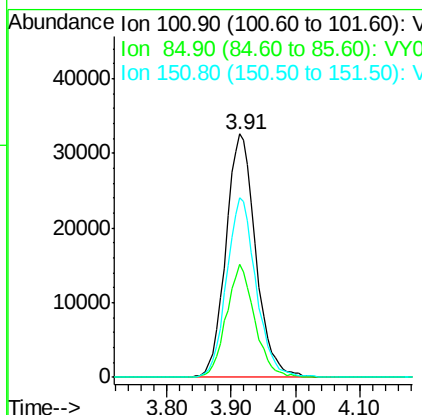
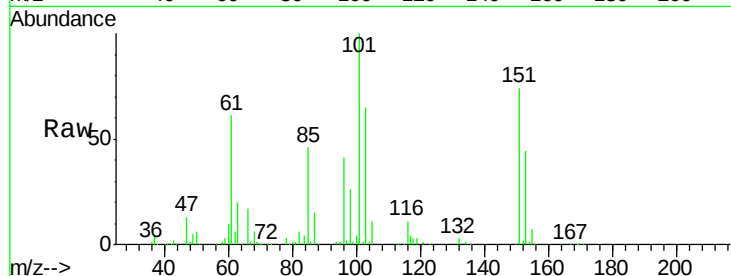
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	105884
Ion Ratio	Lower	Upper	
101	100		
85	43.9	35.1	52.7
151	72.8	58.4	87.6

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#10

Methyl Iodide

Concen: 51.001 ug/l

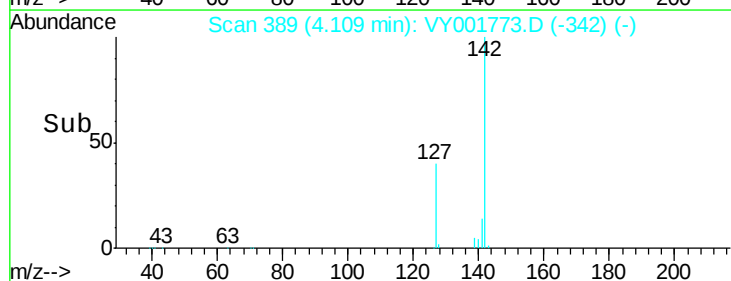
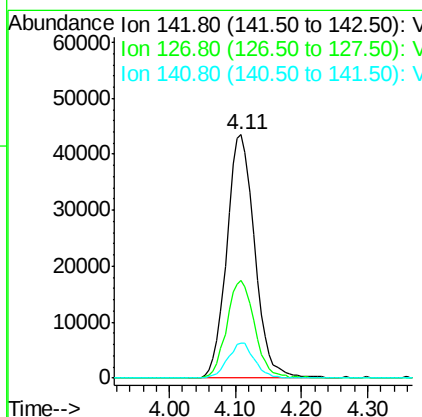
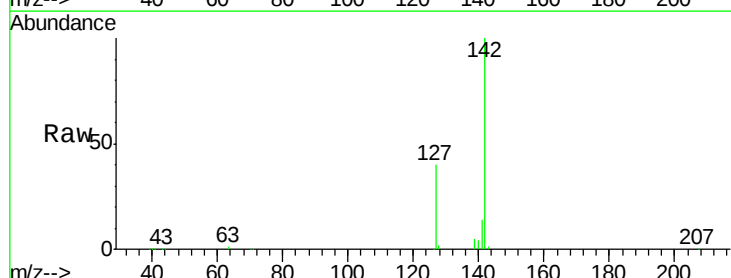
RT: 4.11 min Scan# 389

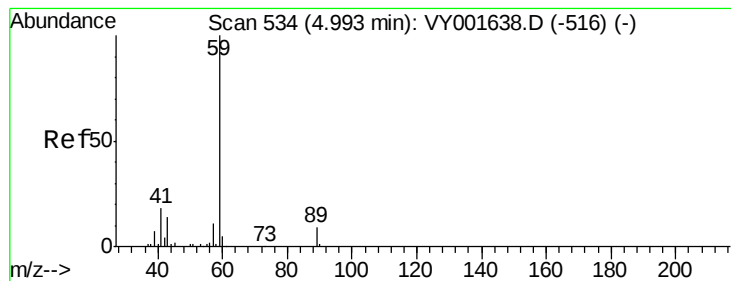
Delta R.T. -0.01 min

Lab File: VY001773.D

Acq: 26 Feb 2020 10:12

Tgt Ion:	142	Resp:	127625
Ion Ratio	Lower	Upper	
142	100		
127	40.1	32.1	48.1
141	13.9	11.3	16.9





#11

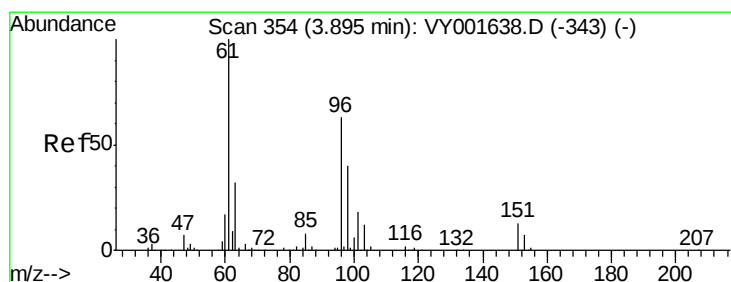
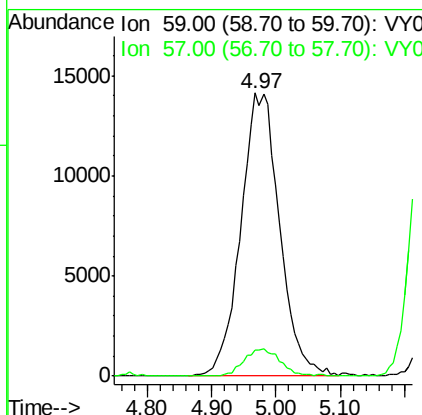
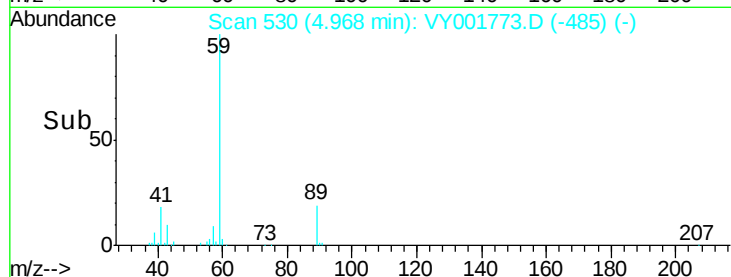
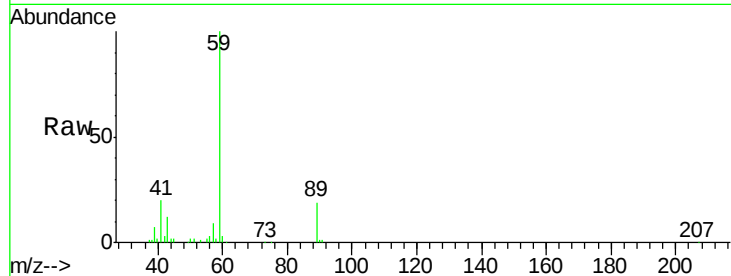
Tert butyl alcohol
Concen: 244.770 ug/l
RT: 4.97 min Scan# 530
Delta R.T. -0.02 min
Lab File: VY001773.D
Acq: 26 Feb 2020 10:12

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	59	Resp	58751
Ion Ratio	100	Lower	Upper
57	8.9	7.4	11.2

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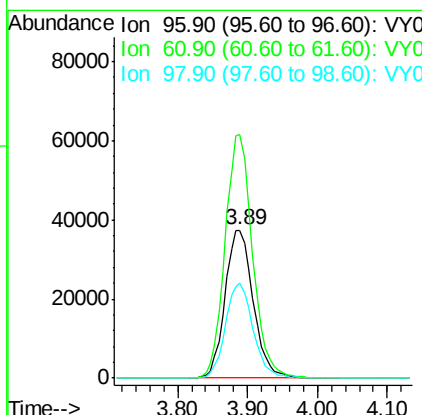
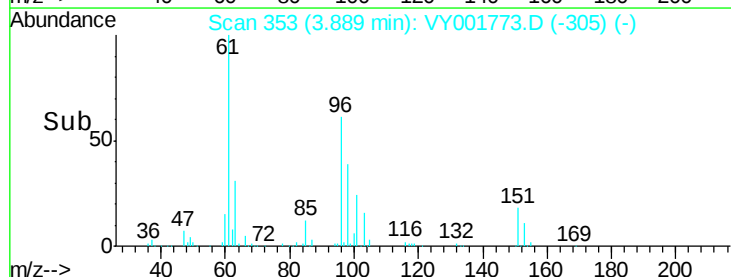
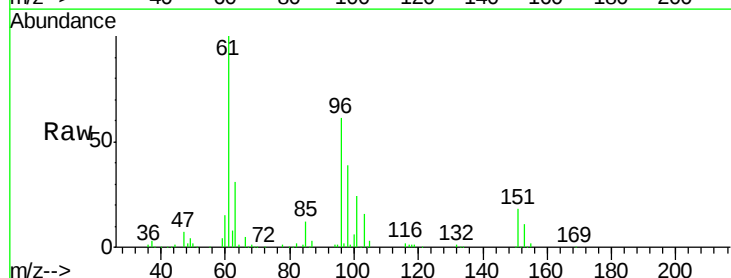
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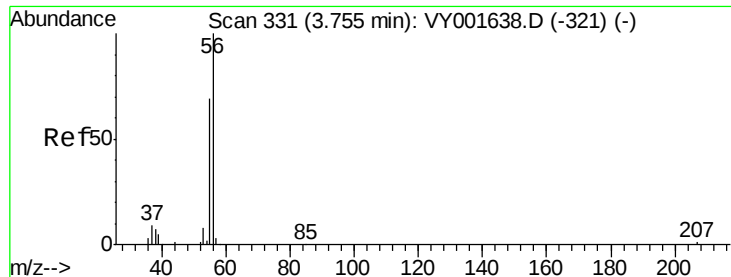


#12

1,1-Dichloroethene
Concen: 50.040 ug/l
RT: 3.89 min Scan# 353
Delta R.T. -0.01 min
Lab File: VY001773.D
Acq: 26 Feb 2020 10:12

Tgt Ion	96	Resp	104354
Ion Ratio	100	Lower	Upper
61	164.6	128.7	193.1
98	64.7	50.7	76.1





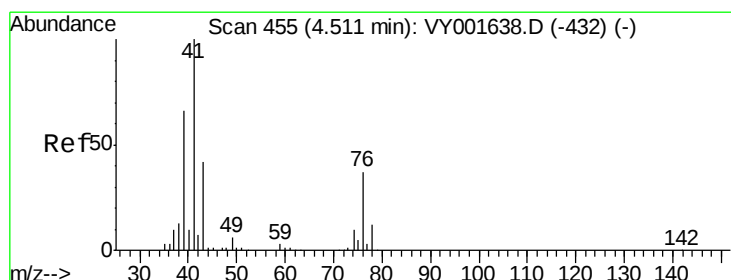
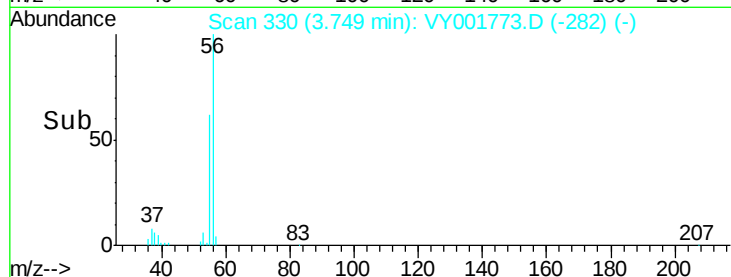
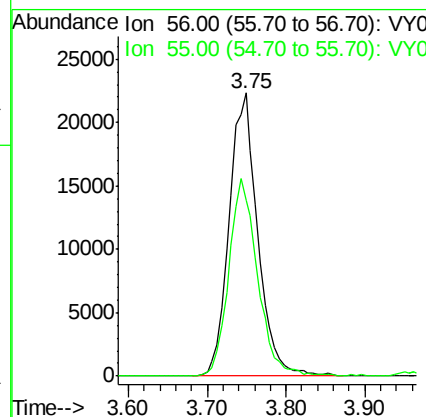
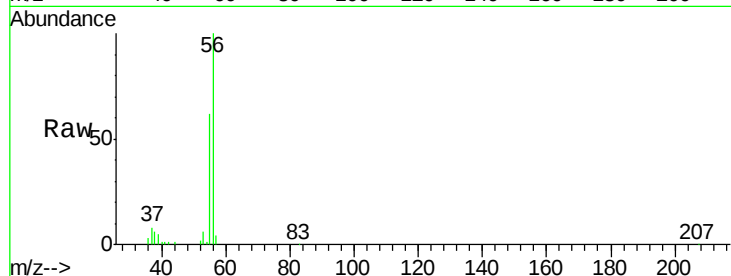
#13
Acrolein
Concen: 269.670 ug/l
RT: 3.75 min Scan# 330
Delta R.T. -0.01 min
Lab File: VY001773.D
Acq: 26 Feb 2020 10:12

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
55	70.0	56.1	84.1

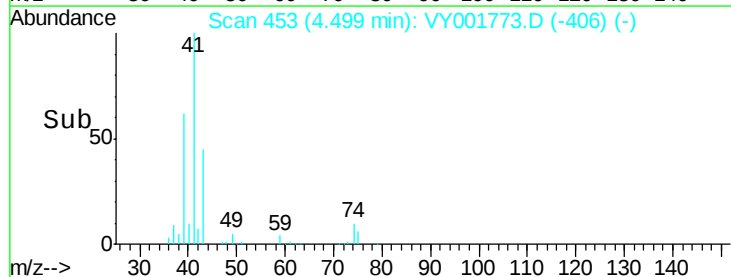
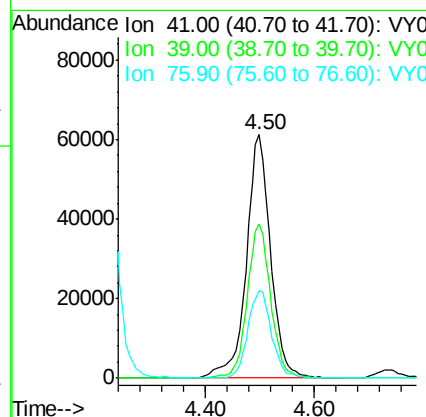
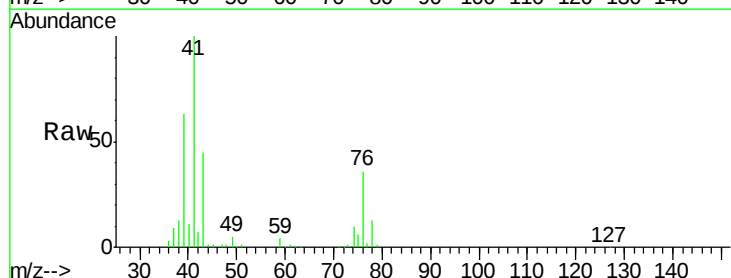
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#14
Allyl chloride
Concen: 50.837 ug/l
RT: 4.50 min Scan# 453
Delta R.T. -0.01 min
Lab File: VY001773.D
Acq: 26 Feb 2020 10:12

Tgt Ion	Ratio	Lower	Upper
41	100		
39	61.6	49.4	74.0
76	35.2	29.0	43.6





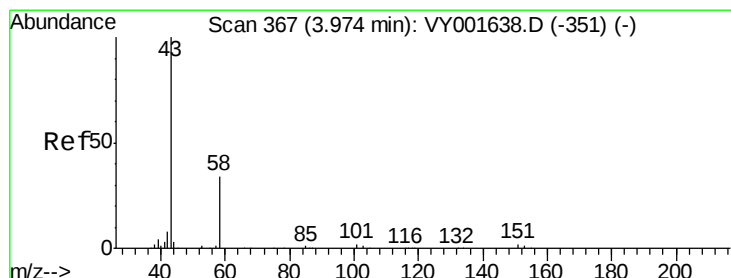
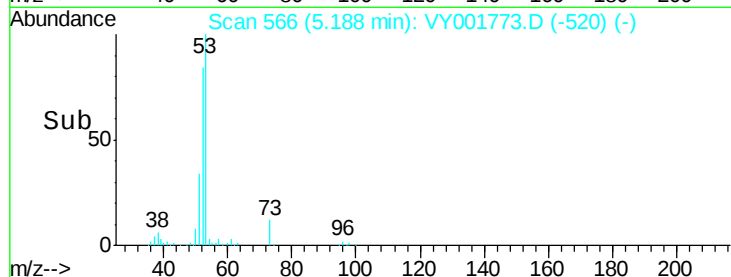
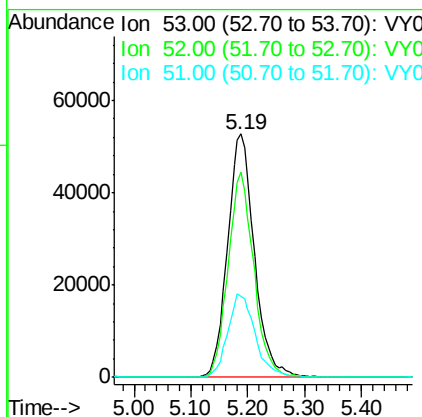
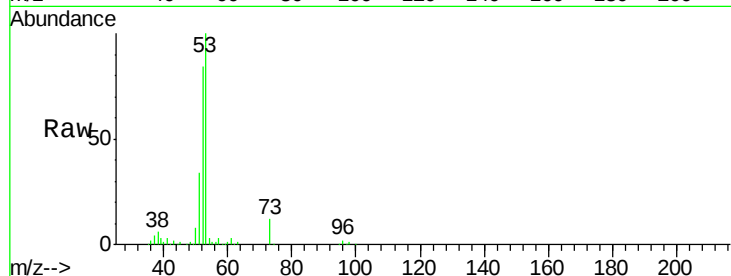
#15
 Acrylonitrile
 Concen: 264.031 ug/l
 RT: 5.19 min Scan# 566
 Delta R.T. -0.02 min
 Lab File: VY001773.D
 Acq: 26 Feb 2020 10:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion:	53	Resp:	173558
Ion Ratio		Lower	Upper
53	100		
52	81.0	65.4	98.0
51	35.2	28.0	42.0

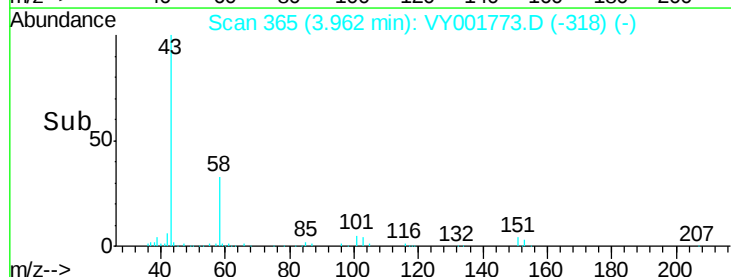
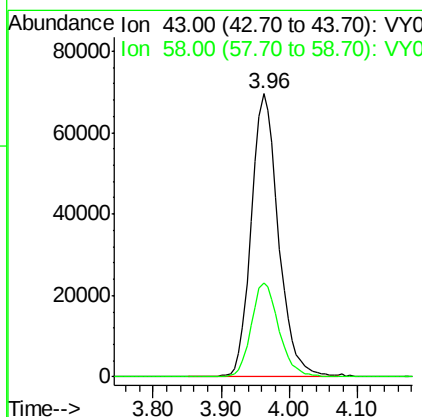
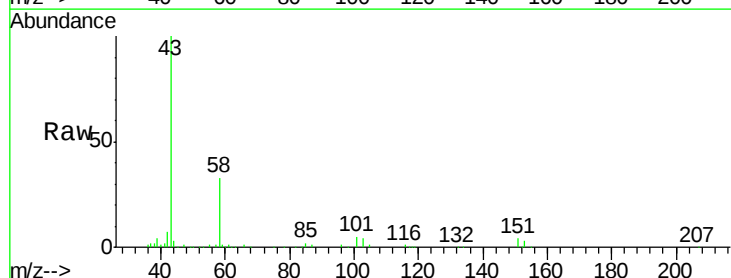
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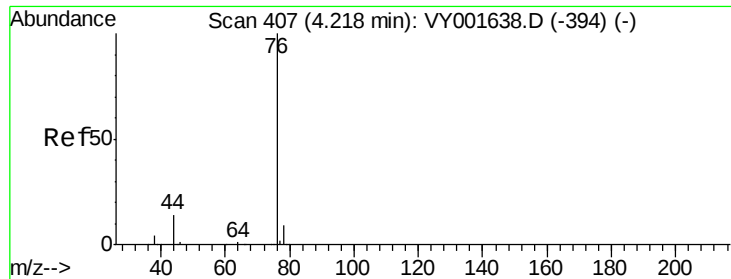
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#16
 Acetone
 Concen: 272.205 ug/l
 RT: 3.96 min Scan# 365
 Delta R.T. -0.01 min
 Lab File: VY001773.D
 Acq: 26 Feb 2020 10:12

Tgt Ion:	43	Resp:	194722
Ion Ratio		Lower	Upper
43	100		
58	33.2	27.3	40.9





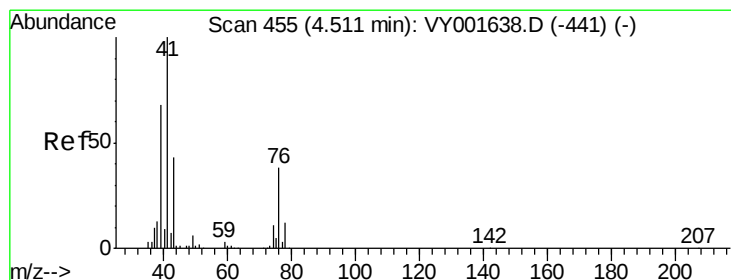
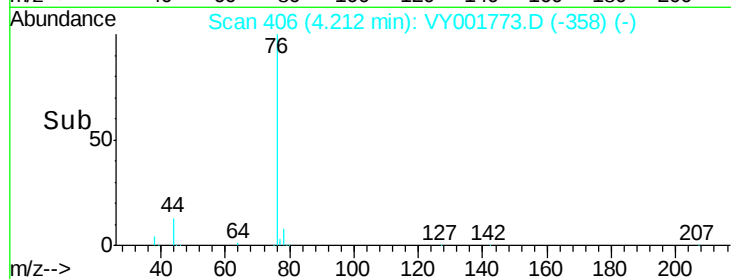
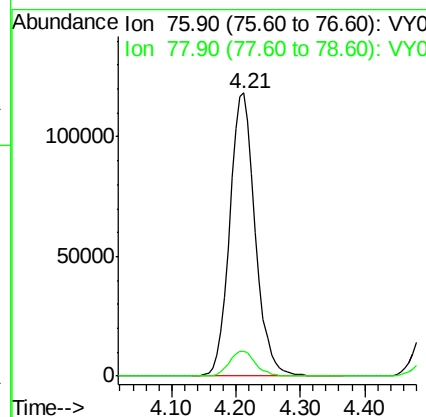
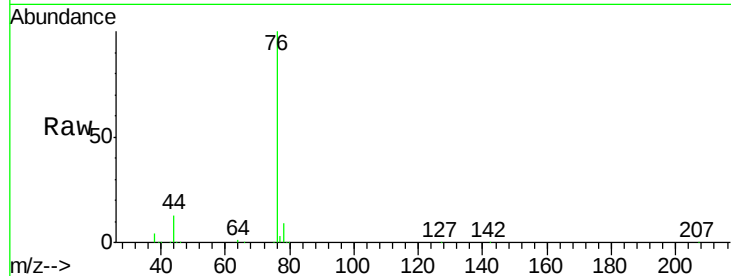
#17
Carbon Disulfide
Concen: 47.169 ug/l
RT: 4.21 min Scan# 406
Delta R.T. -0.01 min
Lab File: VY001773.D
Acq: 26 Feb 2020 10:12

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.3	10.9

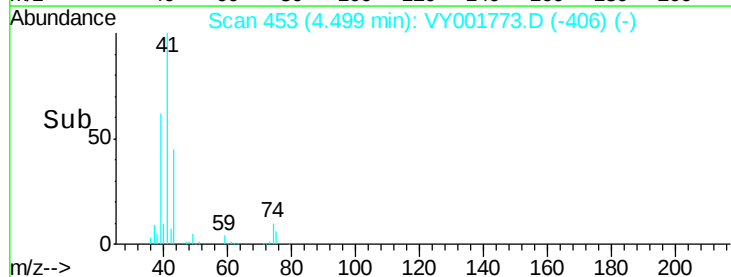
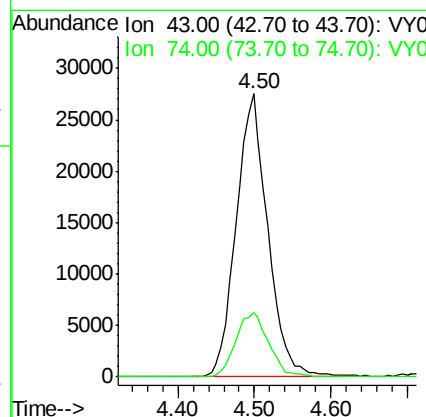
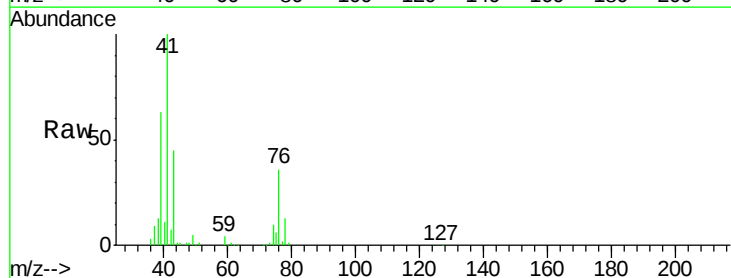
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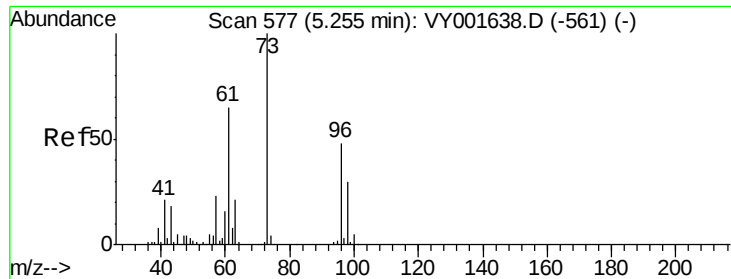
MMDadoda
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#18
Methyl Acetate
Concen: 50.511 ug/l
RT: 4.50 min Scan# 453
Delta R.T. -0.01 min
Lab File: VY001773.D
Acq: 26 Feb 2020 10:12

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.9	19.1	28.7





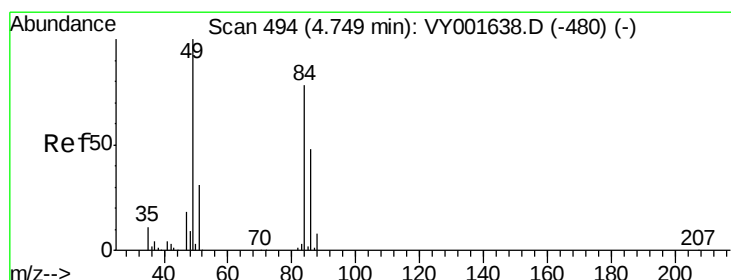
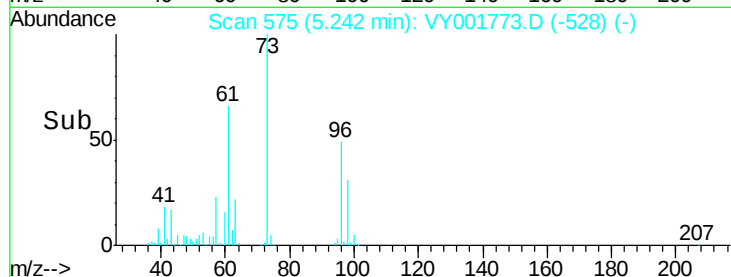
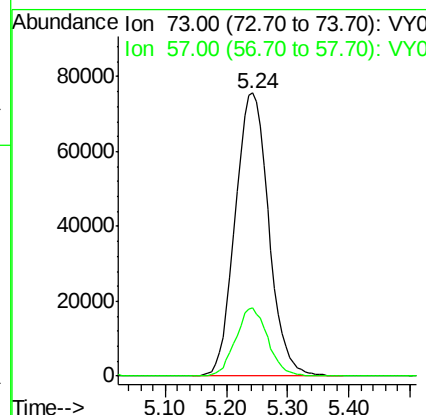
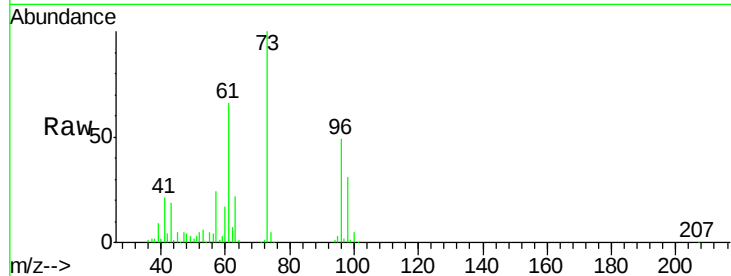
#19
Methvl tert-butvl Ether
Concen: 49.397 ug/l
RT: 5.24 min Scan# 575
Delta R.T. -0.01 min
Lab File: VY001773.D
Acq: 26 Feb 2020 10:12

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 286811
Ion Ratio Lower Upper
73 100
57 24.0 19.0 28.6

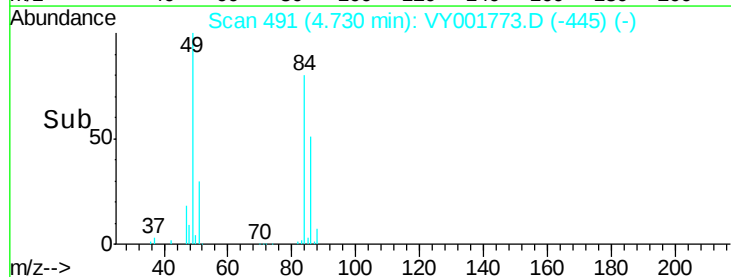
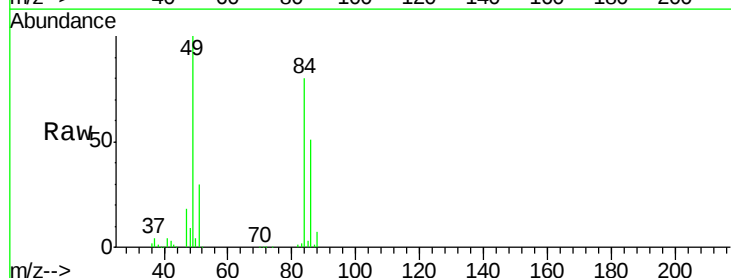
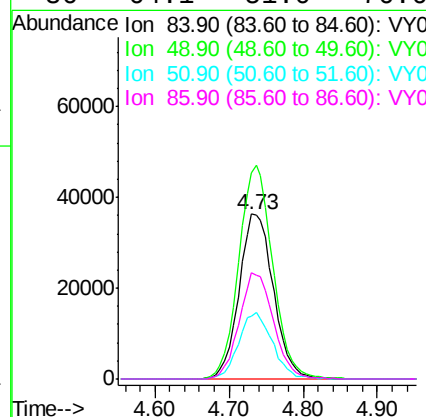
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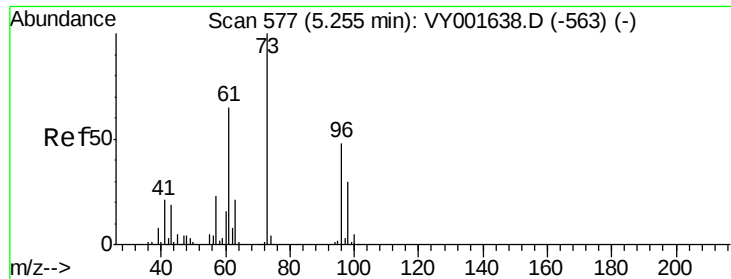
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#20
Methylene Chloride
Concen: 46.252 ug/l
RT: 4.73 min Scan# 491
Delta R.T. -0.02 min
Lab File: VY001773.D
Acq: 26 Feb 2020 10:12

Tgt Ion: 84 Resp: 117523
Ion Ratio Lower Upper
84 100
49 125.1 99.2 148.8
51 37.7 31.5 47.3
86 64.1 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 49.691 ug/l

RT: 5.24 min Scan# 574

Delta R.T. -0.02 min

Lab File: VY001773.D

Acq: 26 Feb 2020 10:12

Instrument :

MSVOA_Y

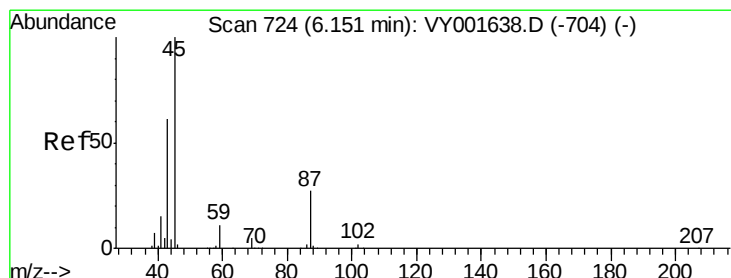
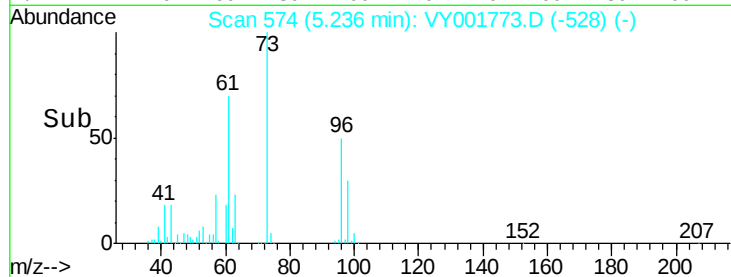
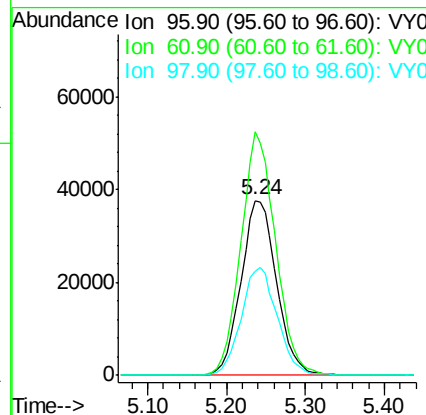
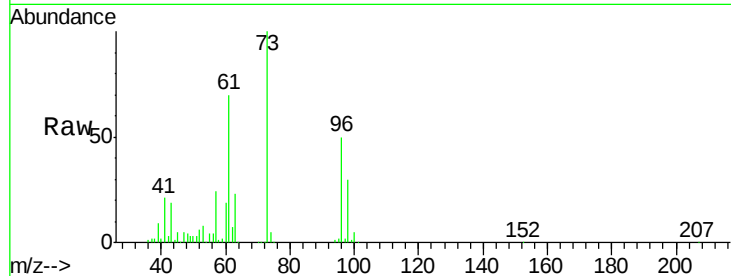
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	118232
Ion	Ratio	Lower	Upper
96	100		
61	139.4	107.9	161.9
98	59.5	49.8	74.8

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#22

Diisopropyl ether

Concen: 50.473 ug/l

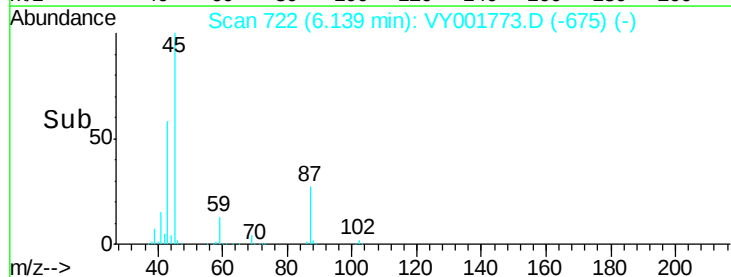
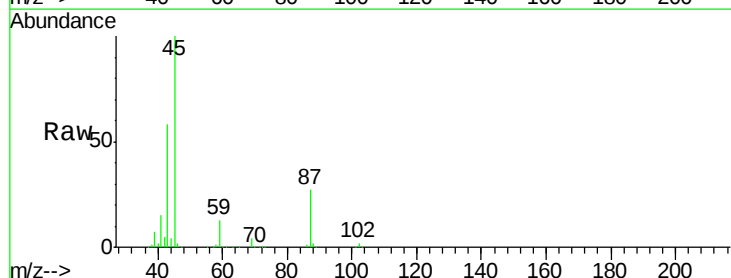
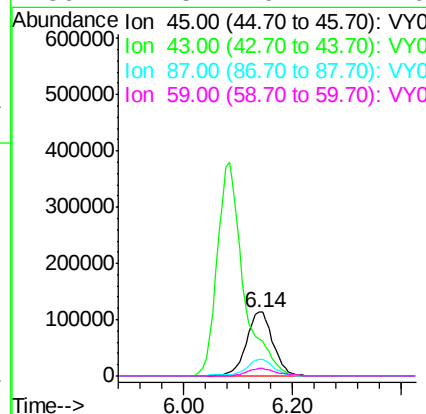
RT: 6.14 min Scan# 722

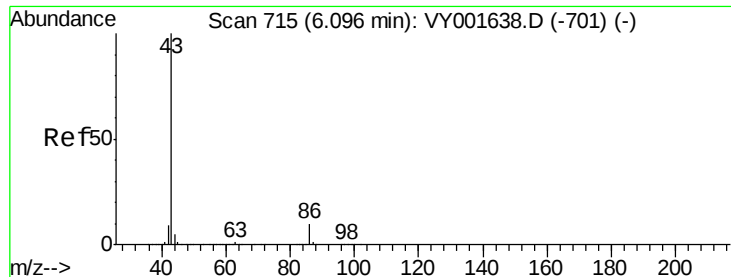
Delta R.T. -0.01 min

Lab File: VY001773.D

Acq: 26 Feb 2020 10:12

Tgt Ion:	45	Resp:	384702
Ion	Ratio	Lower	Upper
45	100		
43	58.2	46.4	69.6
87	27.0	22.1	33.1
59	12.5	9.4	14.0





#23

Vinyl Acetate

Concen: 254.845 ug/l

RT: 6.08 min Scan# 713

Delta R.T. -0.01 min

Lab File: VY001773.D

Acq: 26 Feb 2020 10:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1267025

Ion Ratio Lower Upper

43 100

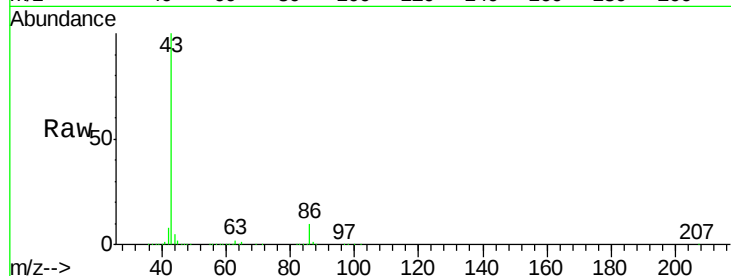
86 10.5 8.8 13.2

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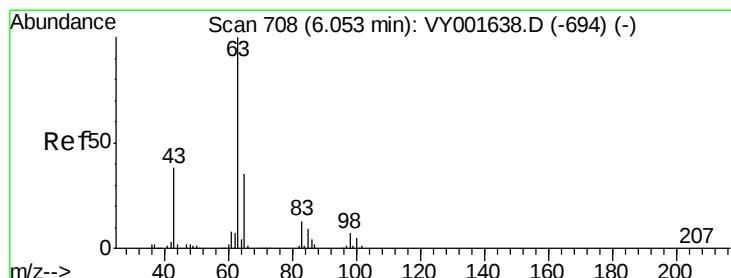
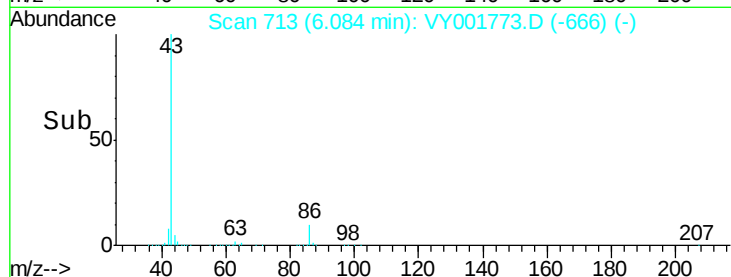
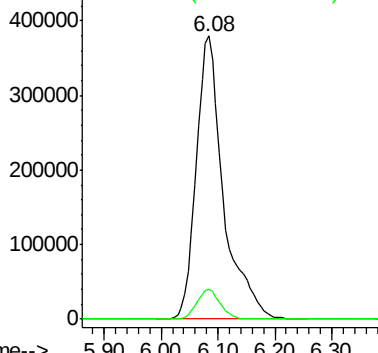
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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 50.787 ug/l

RT: 6.04 min Scan# 706

Delta R.T. -0.01 min

Lab File: VY001773.D

Acq: 26 Feb 2020 10:12

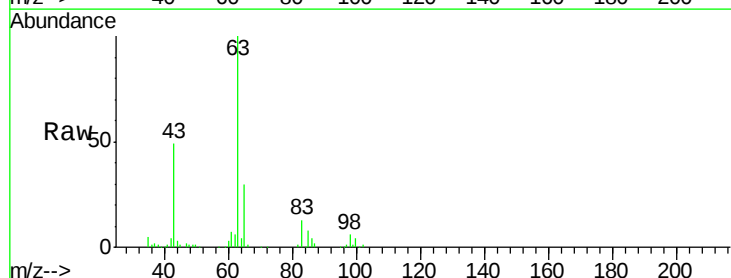
Tgt Ion: 63 Resp: 206893

Ion Ratio Lower Upper

63 100

98 6.4 3.4 10.2

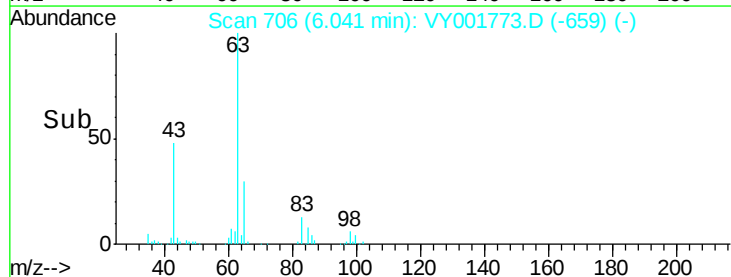
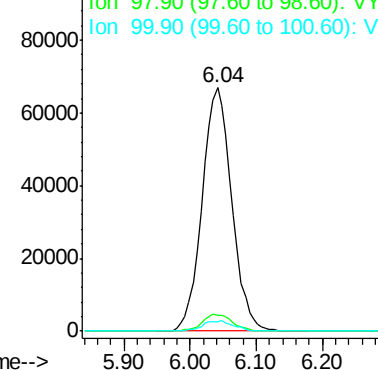
100 4.1 2.3 6.9

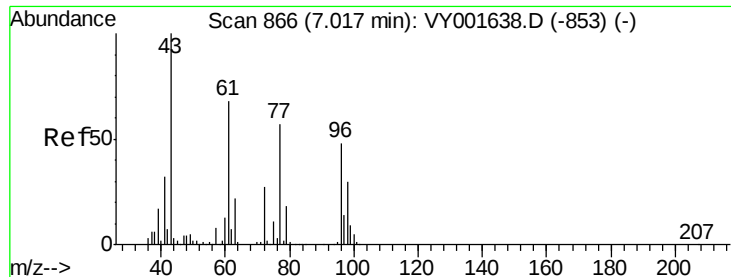


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 266.215 ug/l

RT: 7.00 min Scan# 864

Delta R.T. -0.01 min

Lab File: VY001773.D

Acq: 26 Feb 2020 10:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 258701

Ion Ratio Lower Upper

43 100

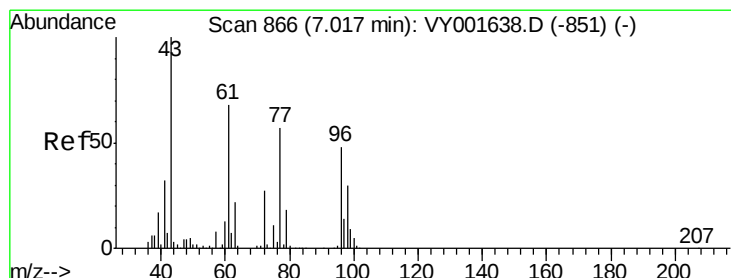
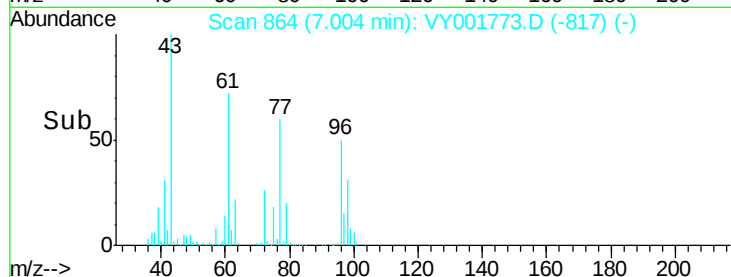
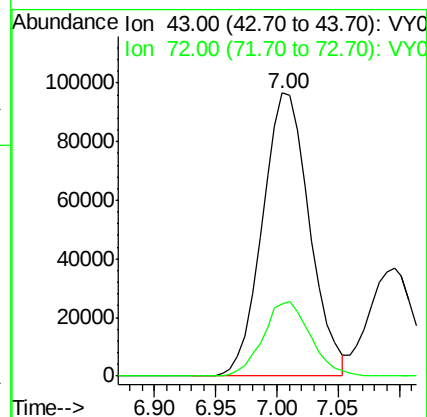
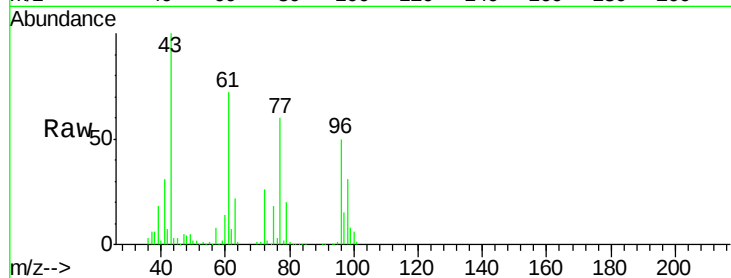
72 25.7 21.2 31.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 49.032 ug/l

RT: 7.00 min Scan# 864

Delta R.T. -0.01 min

Lab File: VY001773.D

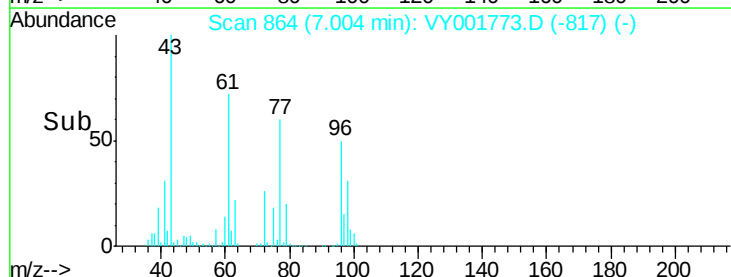
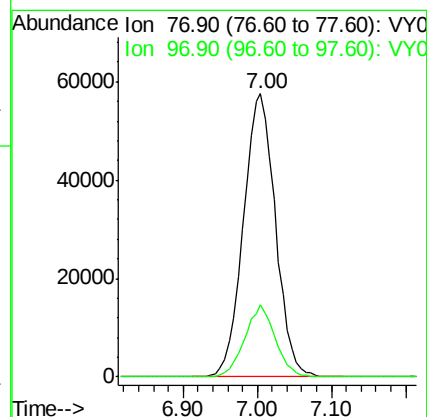
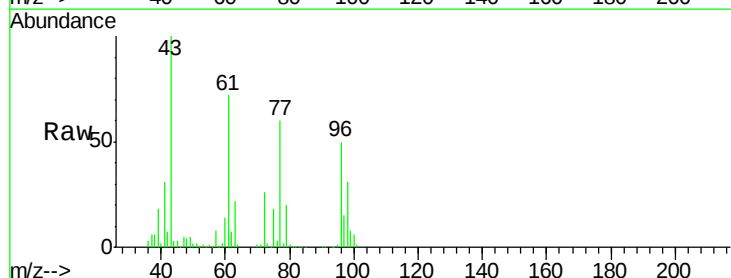
Acq: 26 Feb 2020 10:12

Tgt Ion: 77 Resp: 173784

Ion Ratio Lower Upper

77 100

97 24.0 11.8 35.4





#27

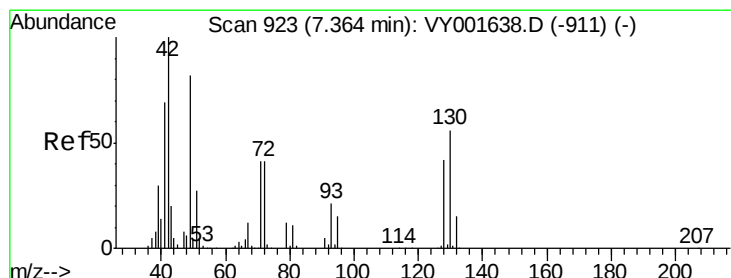
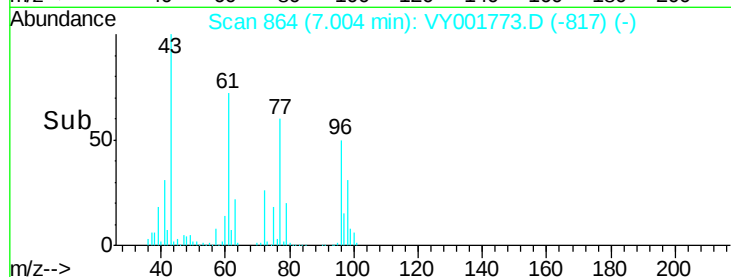
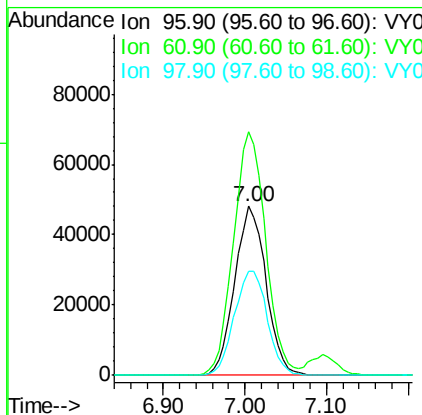
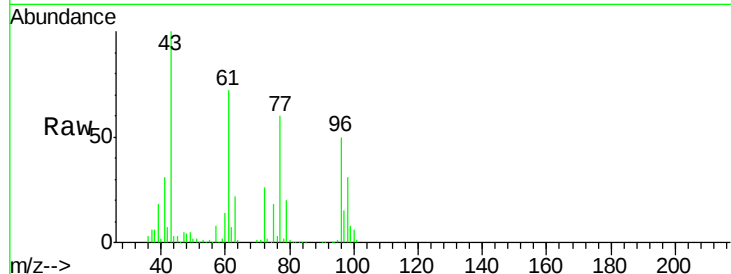
cis-1,2-Dichloroethene
Concen: 48.920 ug/l
RT: 7.00 min Scan# 864
Delta R.T. -0.01 min
Lab File: VY001773.D
Acq: 26 Feb 2020 10:12

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	128480		
61	147.6	0.0	290.8	
98	64.8	0.0	128.6	

Manual Integrations
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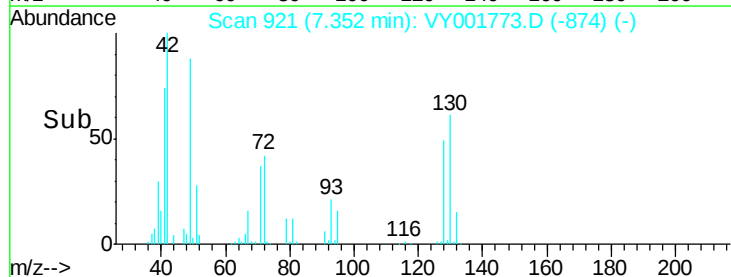
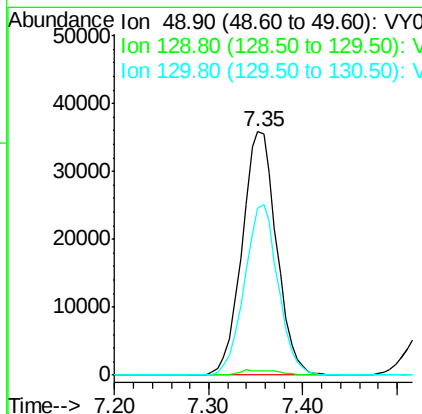
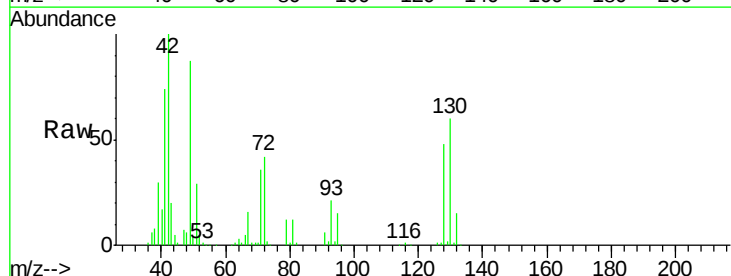
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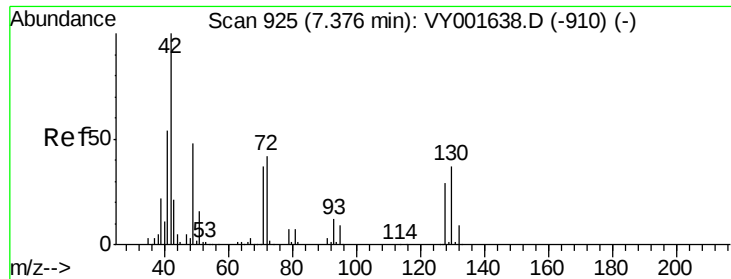


#28

Bromochloromethane
Concen: 54.126 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.01 min
Lab File: VY001773.D
Acq: 26 Feb 2020 10:12

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	91851		
129	2.1	0.0	3.6	
130	68.3	56.2	84.4	





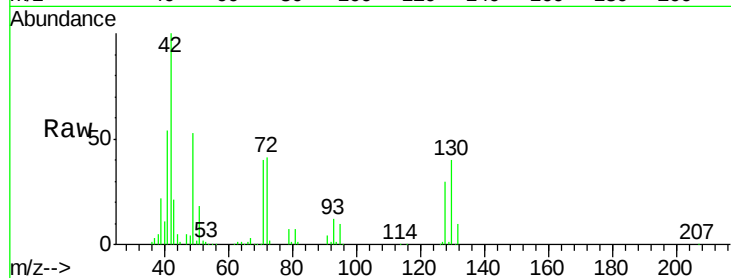
#29
Tetrahydrofuran
Concen: 253.711 ug/l
RT: 7.36 min Scan# 923
Delta R.T. -0.01 min
Lab File: VY001773.D
Acq: 26 Feb 2020 10:12

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

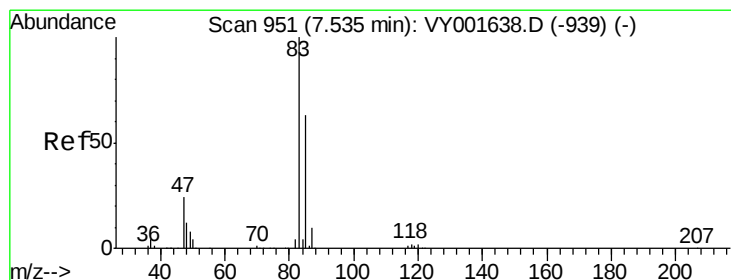
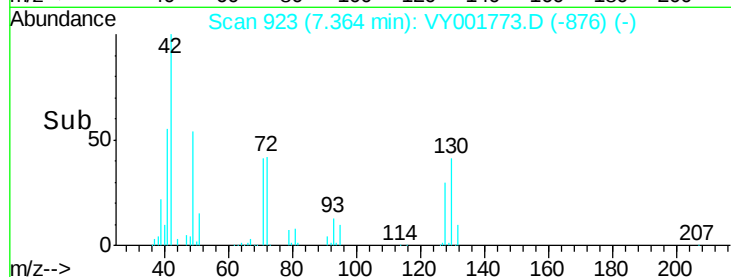
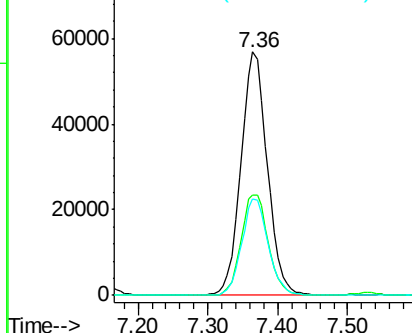
Tot Ion	Ratio	Lower	Upper
42	100		
72	42.5	34.4	51.6
71	39.6	31.8	47.8

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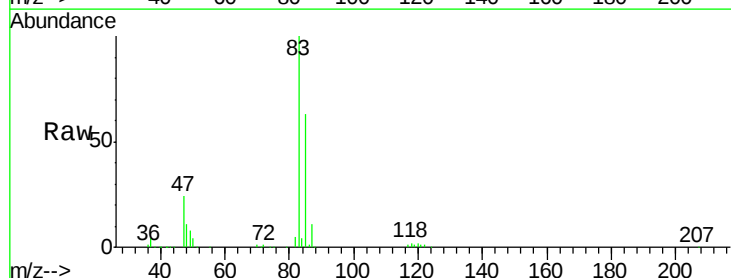


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

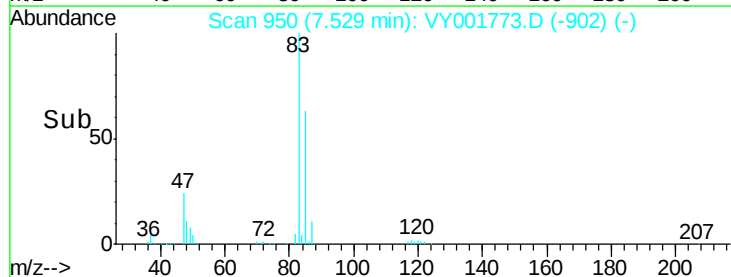
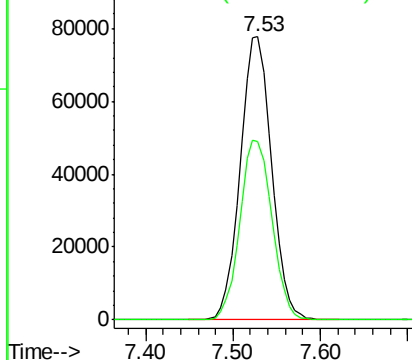


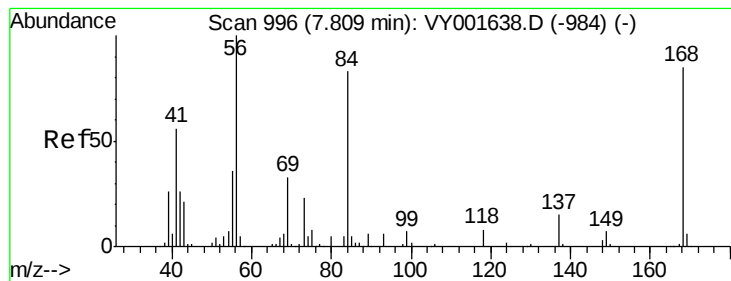
#30
Chloroform
Concen: 48.654 ug/l
RT: 7.53 min Scan# 950
Delta R.T. -0.01 min
Lab File: VY001773.D
Acq: 26 Feb 2020 10:12

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.1	51.6	77.4



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





#31

Cyclohexane

Concen: 47.549 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY001773.D

Acq: 26 Feb 2020 10:12

Instrument :

MSVOA_Y

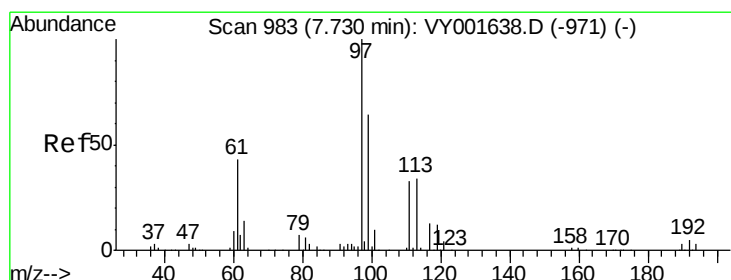
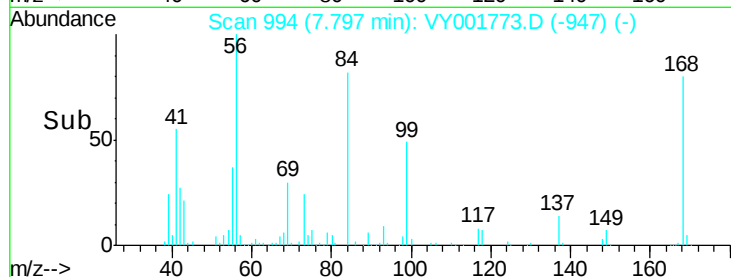
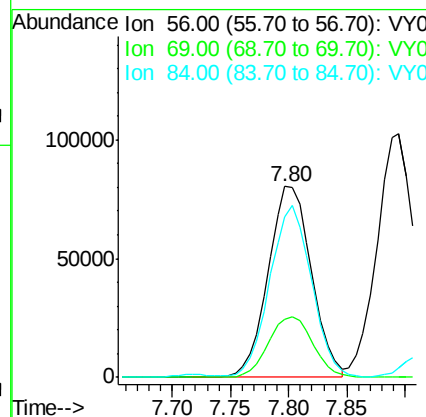
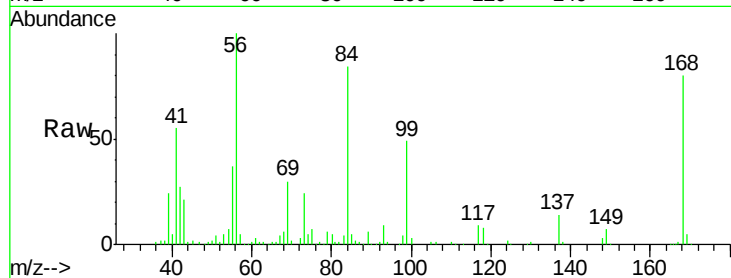
ClientSampleId :

VSTDCCC050

Tot Ion	56	Resp	206526
Ion	Ratio	Lower	Upper
56	100		
69	30.4	25.1	37.7
84	82.5	66.9	100.3

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 49.678 ug/l

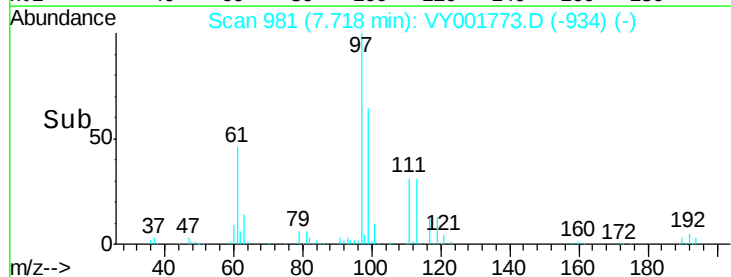
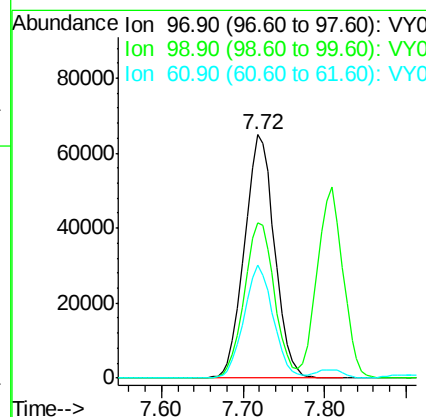
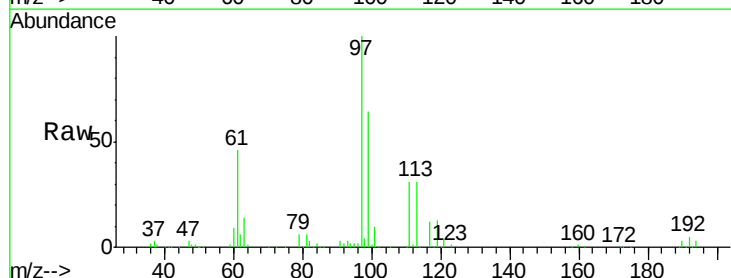
RT: 7.72 min Scan# 981

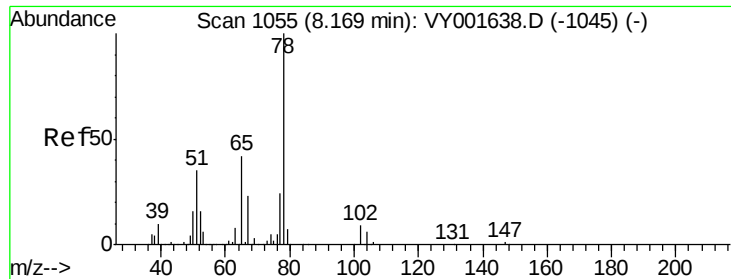
Delta R.T. -0.01 min

Lab File: VY001773.D

Acq: 26 Feb 2020 10:12

Tgt Ion	97	Resp	166195
Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.2	76.8
61	44.9	35.0	52.6





#33

1,2-Dichloroethane-d4

Concen: 50.477 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.01 min

Lab File: VY001773.D

Acq: 26 Feb 2020 10:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 104357

Ion Ratio Lower Upper

65 100

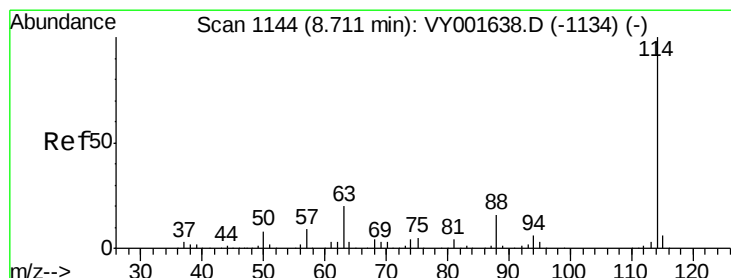
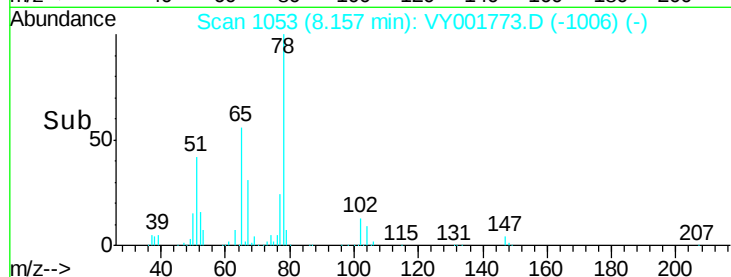
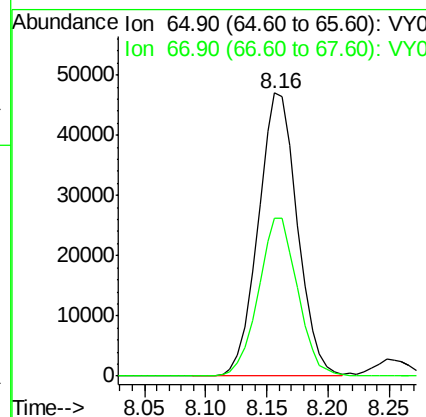
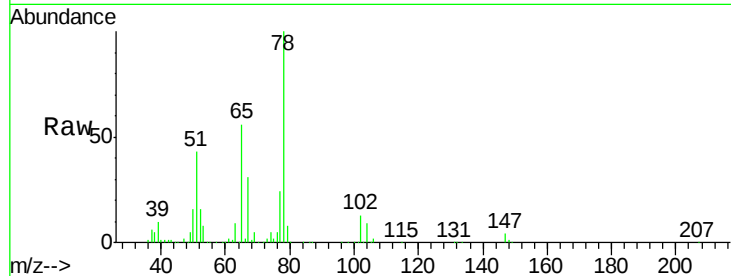
67 55.7 0.0 111.0

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. -0.01 min

Lab File: VY001773.D

Acq: 26 Feb 2020 10:12

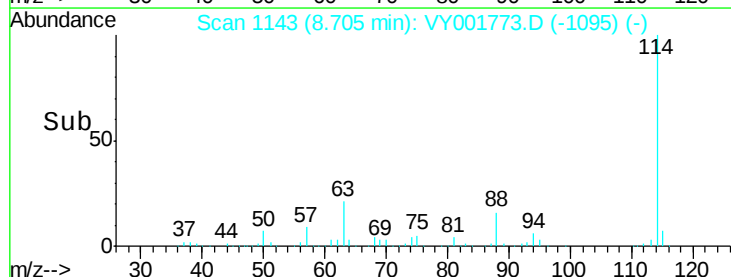
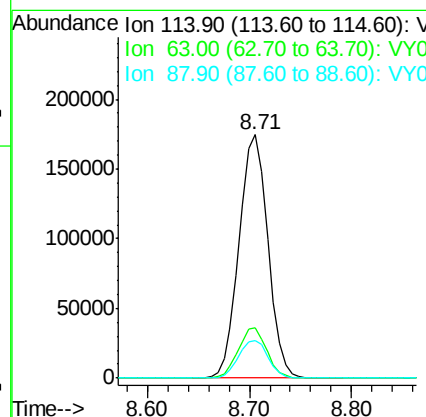
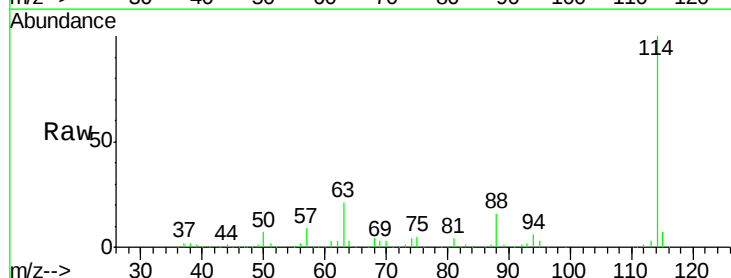
Tgt Ion: 114 Resp: 341634

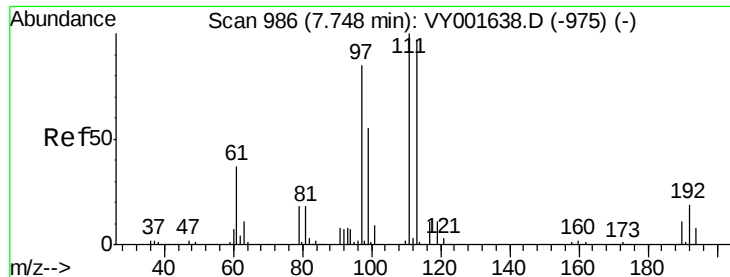
Ion Ratio Lower Upper

114 100

63 20.7 0.0 41.4

88 15.6 0.0 32.8





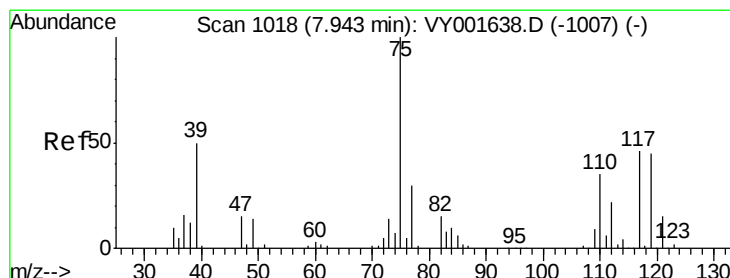
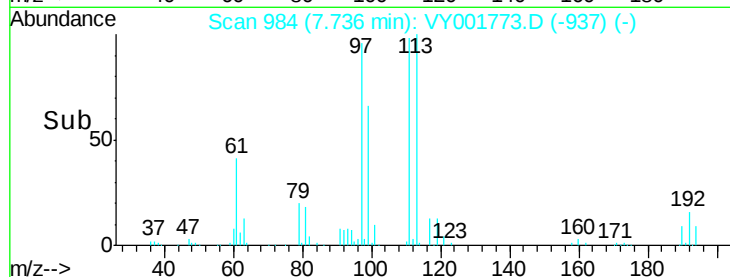
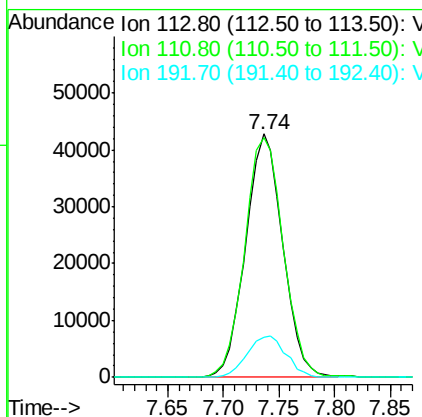
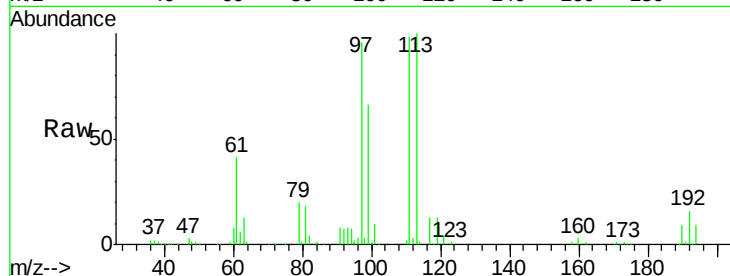
#35
 Dibromofluoromethane
 Concen: 50.844 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: VY001773.D
 Acq: 26 Feb 2020 10:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	99488		
111	102.3	81.9	122.9	
192	17.8	14.3	21.5	

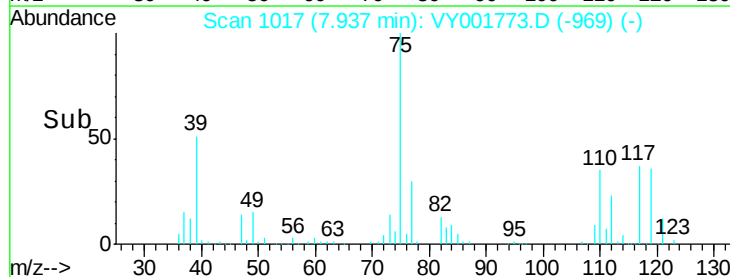
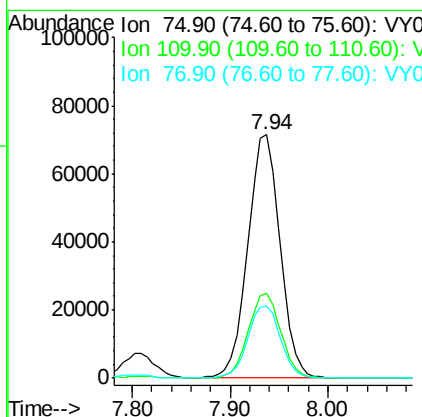
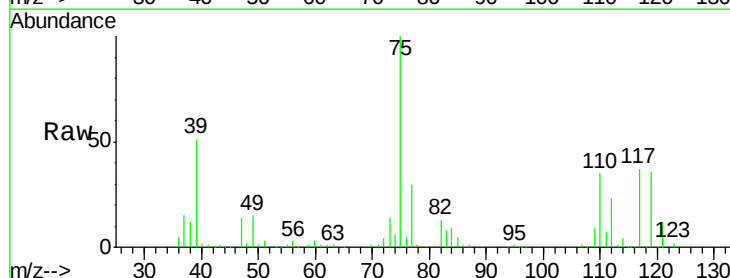
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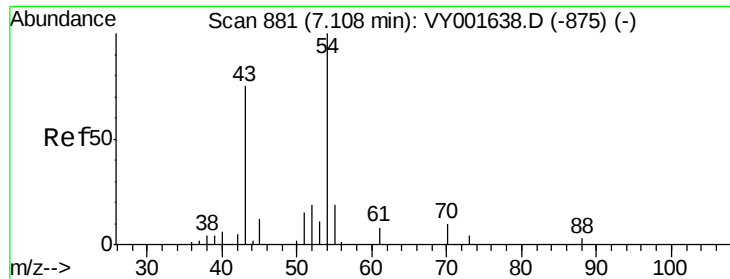
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#36
 1,1-Dichloropropene
 Concen: 50.467 ug/l
 RT: 7.94 min Scan# 1017
 Delta R.T. -0.01 min
 Lab File: VY001773.D
 Acq: 26 Feb 2020 10:12

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	164689		
110	34.8	17.2	51.6	
77	30.2	24.8	37.2	





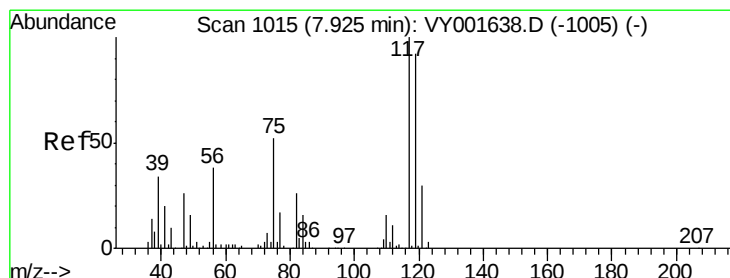
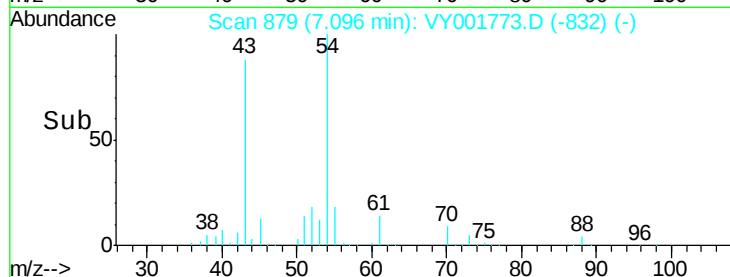
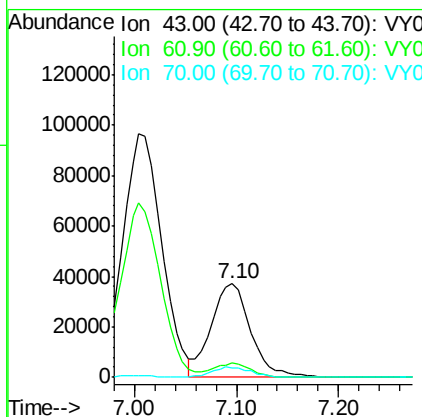
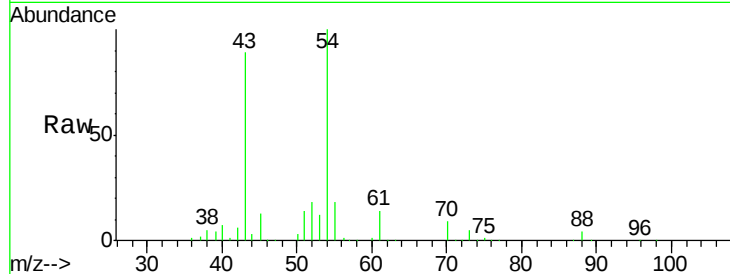
#37
Ethyl Acetate
Concen: 51.195 ug/l
RT: 7.10 min Scan# 879
Delta R.T. -0.01 min
Lab File: VY001773.D
Acq: 26 Feb 2020 10:12

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.8	11.0	16.6
70	10.5	8.8	13.2

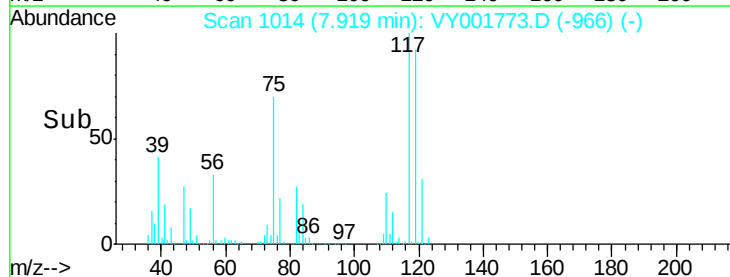
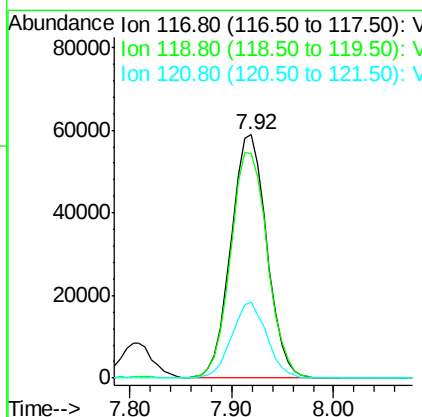
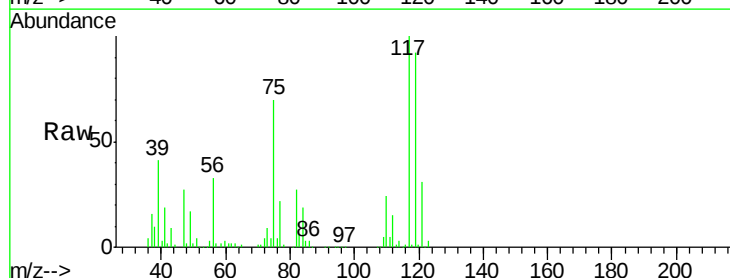
Manual Integrations
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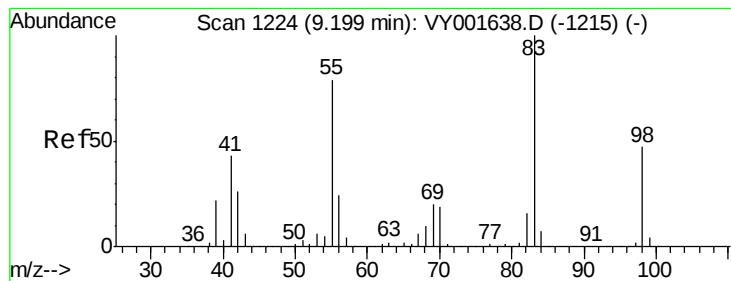
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#38
Carbon Tetrachloride
Concen: 50.182 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. -0.01 min
Lab File: VY001773.D
Acq: 26 Feb 2020 10:12

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.0	74.8	112.2
121	31.3	23.8	35.6





#39

Methvlcvclohexane

Concen: 49.697 ug/l

RT: 9.19 min Scan# 1223

Delta R.T. -0.01 min

Lab File: VY001773.D

Acq: 26 Feb 2020 10:12

Instrument :

MSVOA_Y

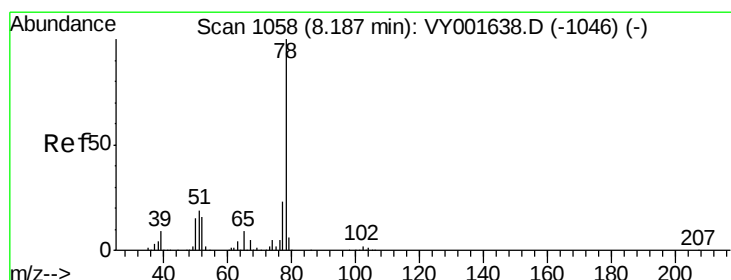
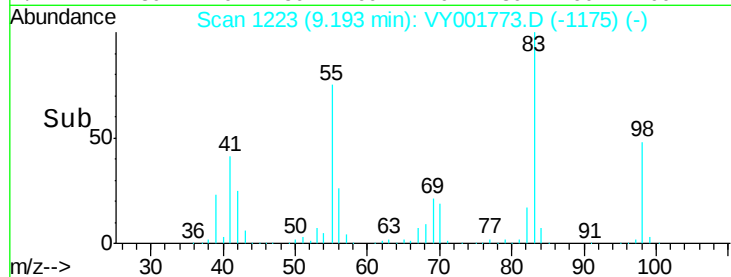
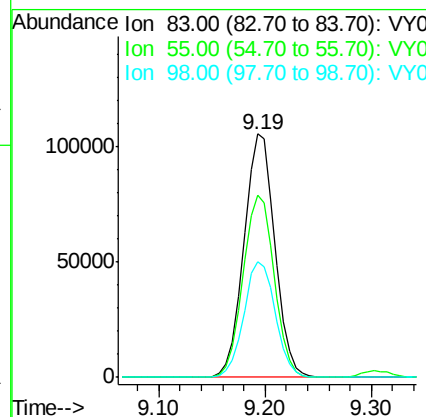
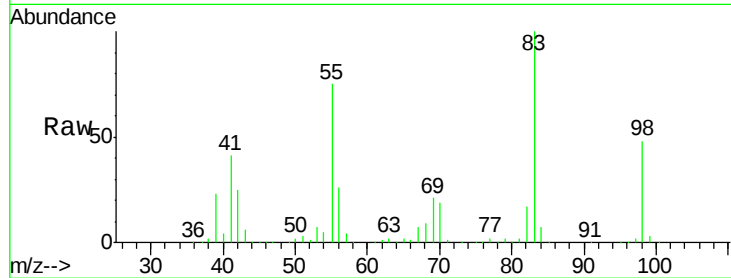
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	215153
Ion Ratio	Lower	Upper	
83	100		
55	74.6	61.3	91.9
98	47.7	38.0	57.0

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#40

Benzene

Concen: 50.554 ug/l

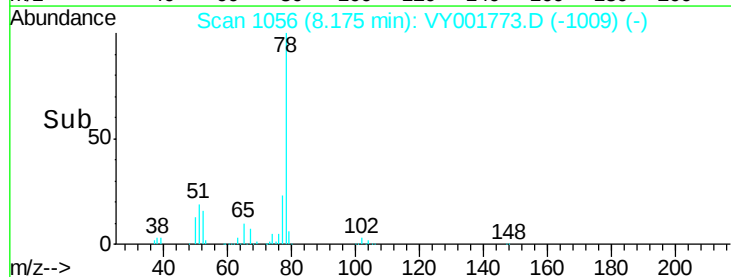
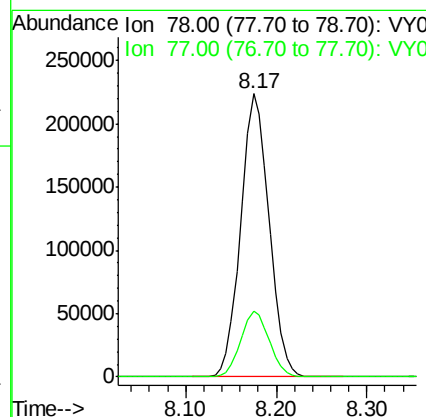
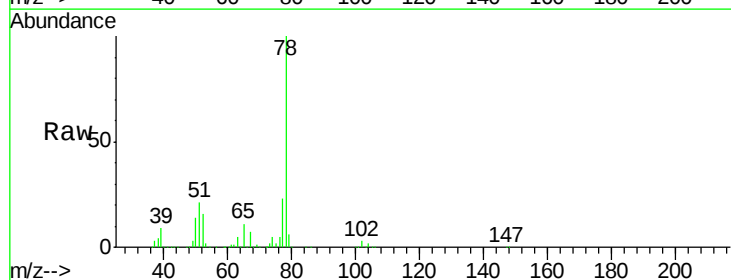
RT: 8.17 min Scan# 1056

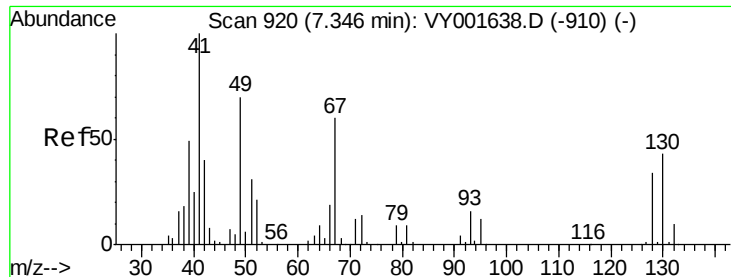
Delta R.T. -0.01 min

Lab File: VY001773.D

Acq: 26 Feb 2020 10:12

Tgt Ion:	78	Resp:	485190
Ion Ratio	Lower	Upper	
78	100		
77	23.4	18.2	27.4





#41

Methacrylonitrile

Concen: 52.192 ug/l m

RT: 7.34 min Scan# 919

Delta R.T. -0.01 min

Lab File: VY001773.D

Acq: 26 Feb 2020 10:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 51041

Ion Ratio Lower Upper

41 100

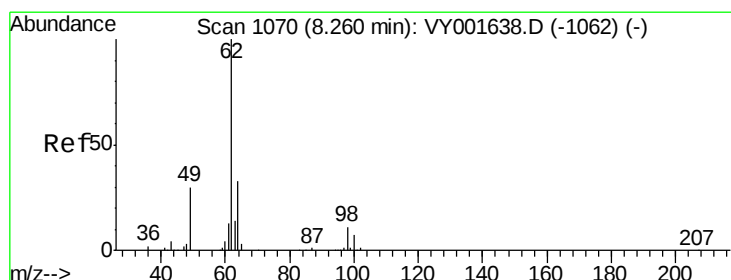
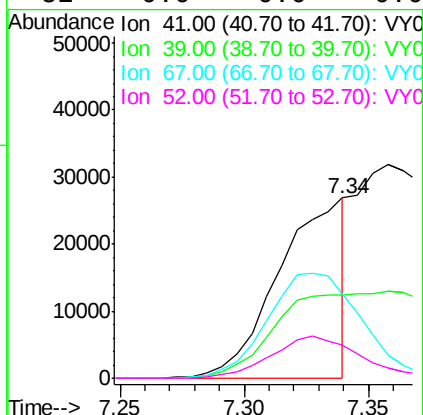
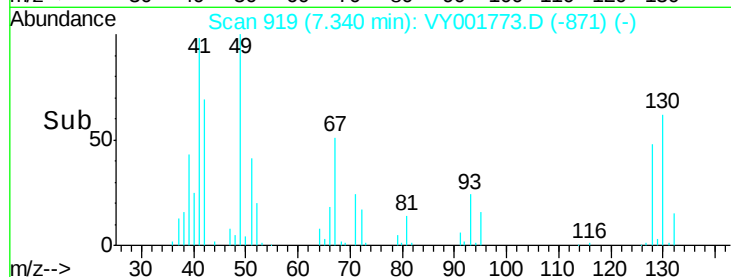
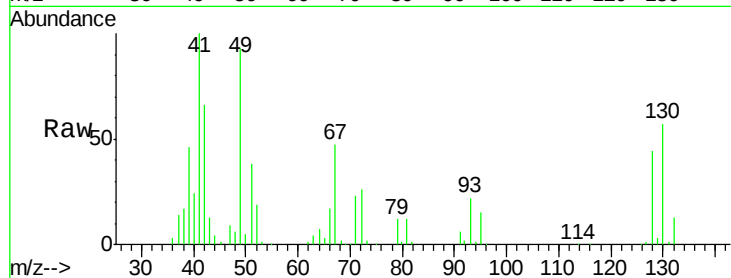
39 117.5 36.0 54.0#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 48.904 ug/l

RT: 8.25 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VY001773.D

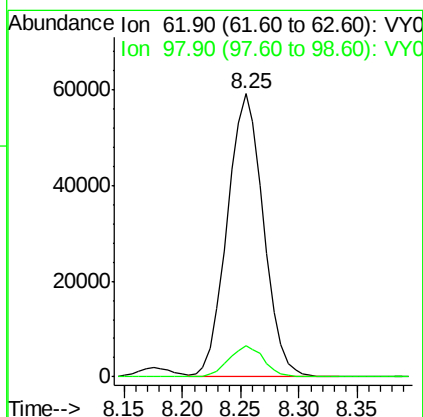
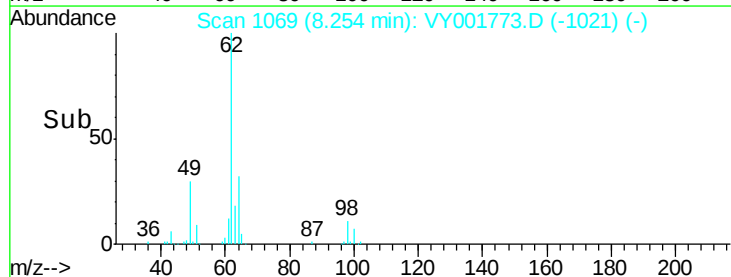
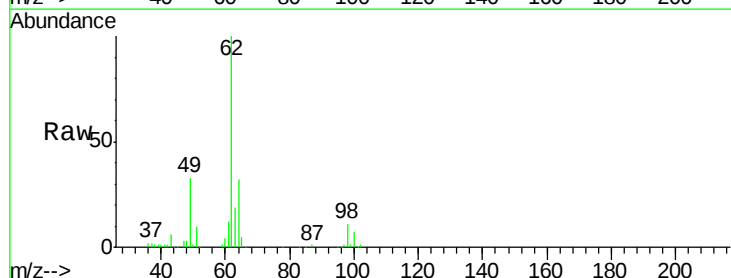
Acq: 26 Feb 2020 10:12

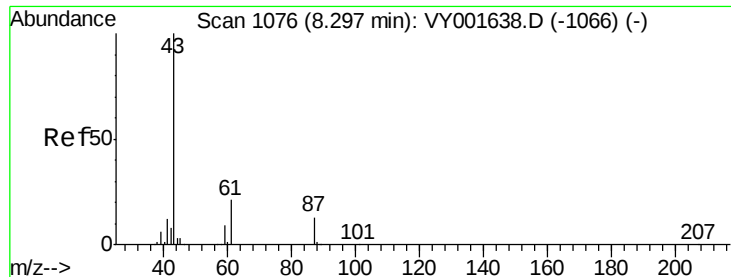
Tgt Ion: 62 Resp: 127865

Ion Ratio Lower Upper

62 100

98 10.7 0.0 20.8





#43

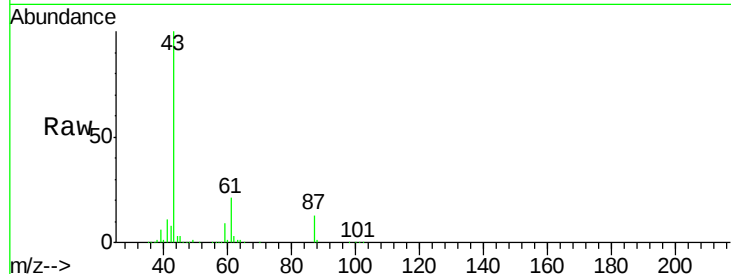
Isopropyl Acetate
 Concen: 50.972 ug/l
 RT: 8.29 min Scan# 1075
 Delta R.T. -0.01 min
 Lab File: VY001773.D
 Acq: 26 Feb 2020 10:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

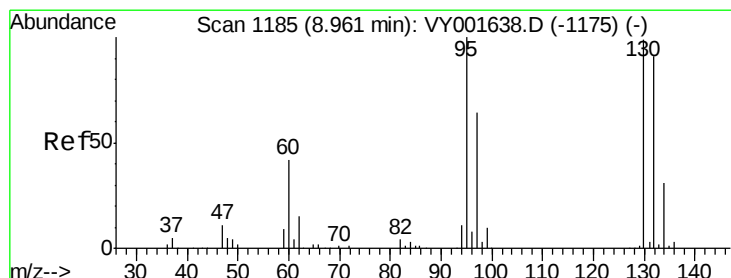
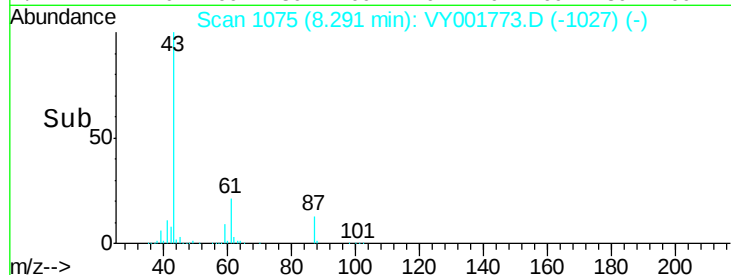
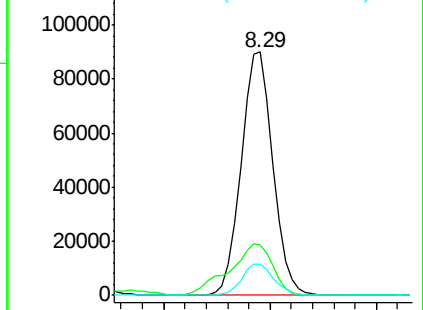
Tot Ion	Ratio	Resp	Lower	Upper
43	100	188366		
61	29.0		23.0	34.4
87	13.1		10.7	16.1

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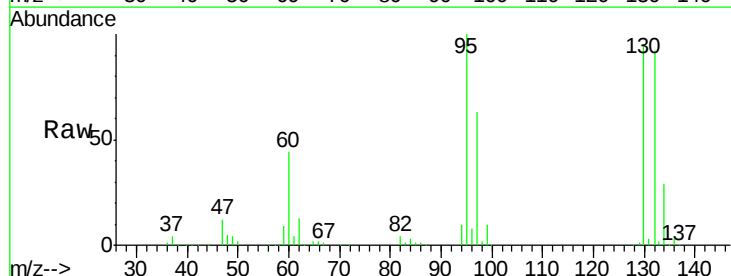
Abundance Ion 43.00 (42.70 to 43.70): VY001638.D (-1066) (-)



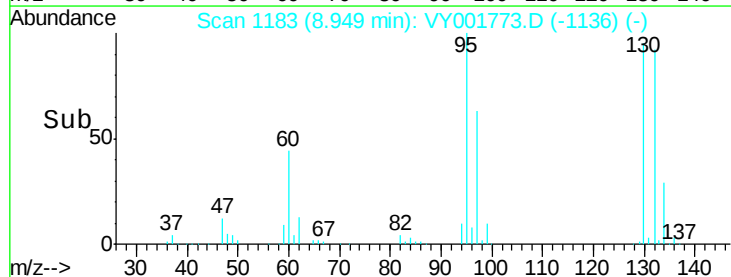
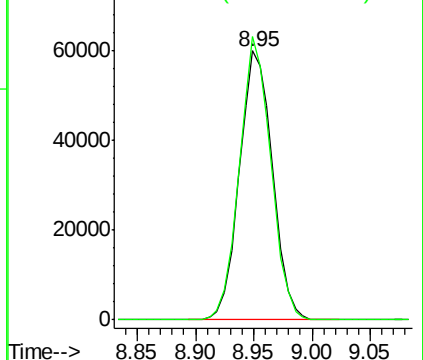
#44

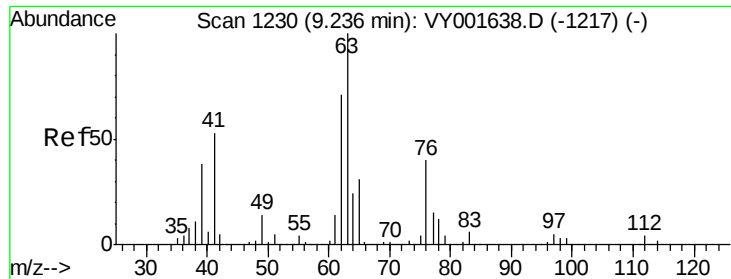
Trichloroethene
 Concen: 49.422 ug/l
 RT: 8.95 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: VY001773.D
 Acq: 26 Feb 2020 10:12

Tgt Ion	Ratio	Resp	Lower	Upper
130	100	118406		
95	105.2		0.0	200.6



Abundance Ion 129.80 (129.50 to 130.50): VY001638.D (-1175) (-)





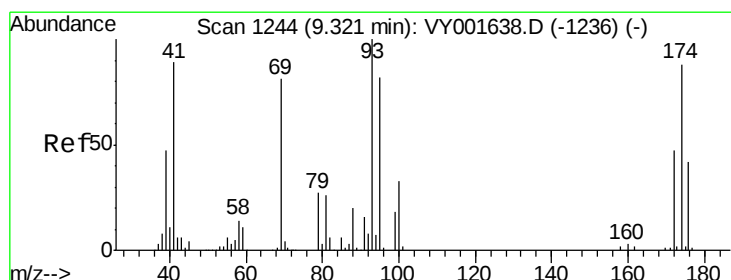
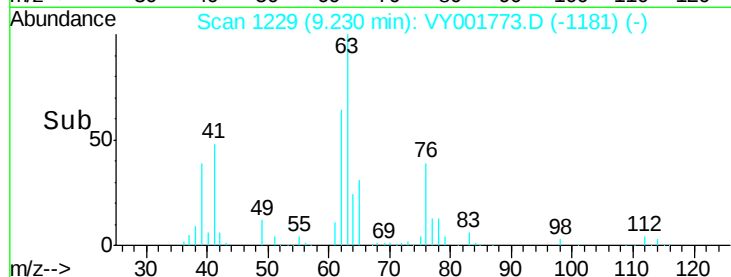
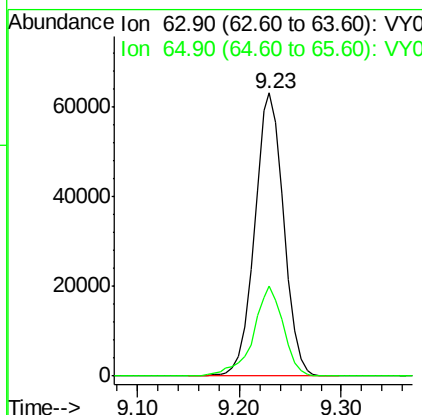
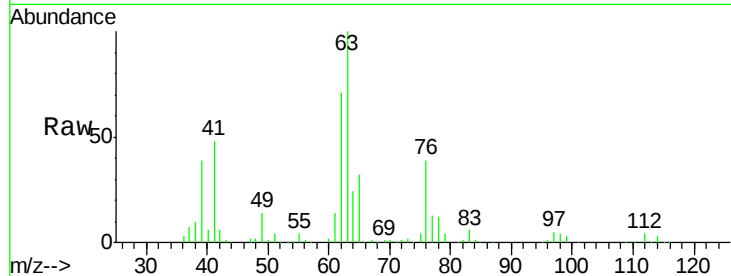
#45
 1,2-Dichloropropane
 Concen: 51.817 ug/l
 RT: 9.23 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: VY001773.D
 Acq: 26 Feb 2020 10:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 124546
 Ion Ratio Lower Upper
 63 100
 65 32.0 24.6 37.0

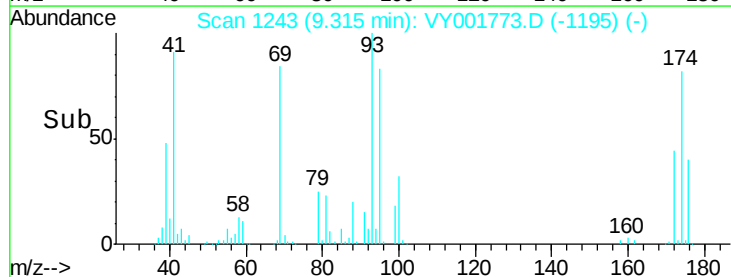
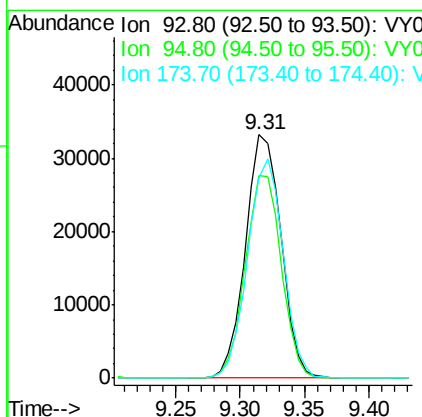
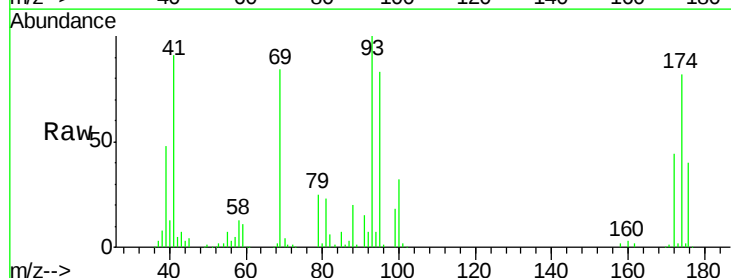
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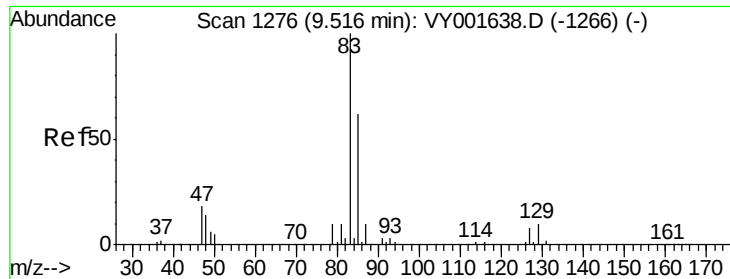
MMDadoda
 2/27/2020 10:45:52 AM



#46
 Dibromomethane
 Concen: 50.561 ug/l
 RT: 9.31 min Scan# 1243
 Delta R.T. -0.01 min
 Lab File: VY001773.D
 Acq: 26 Feb 2020 10:12

Tgt Ion: 93 Resp: 63563
 Ion Ratio Lower Upper
 93 100
 95 84.2 66.1 99.1
 174 89.9 72.5 108.7





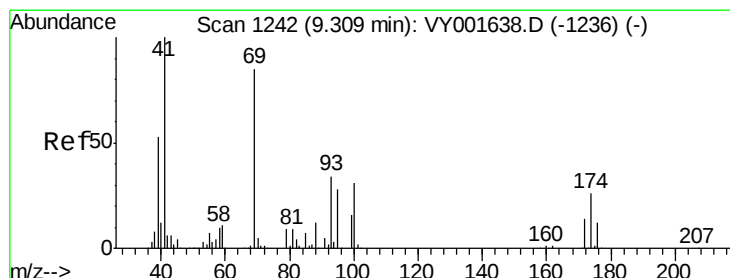
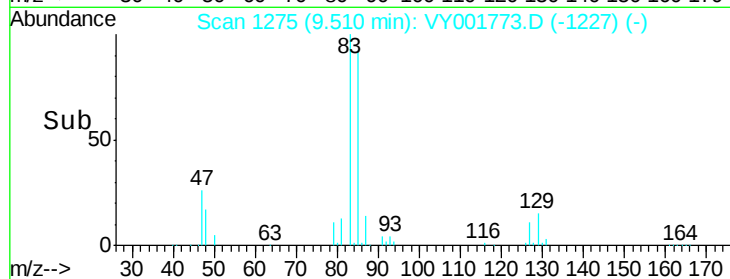
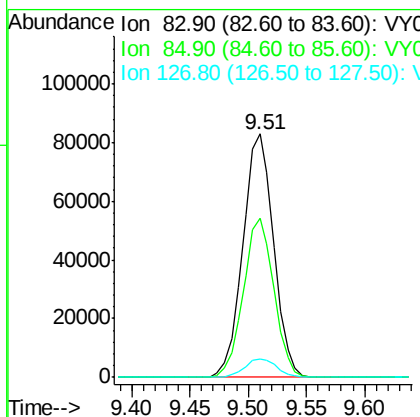
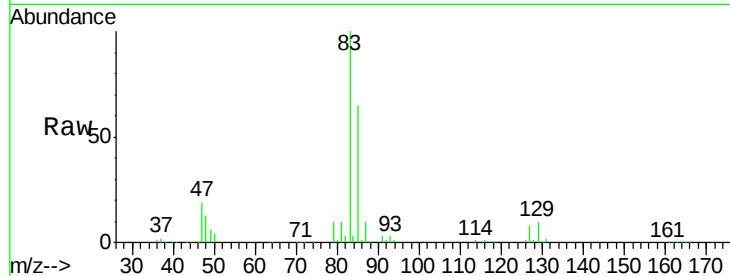
#47
Bromodichloromethane
Concen: 50.254 ug/l
RT: 9.51 min Scan# 1275
Delta R.T. -0.01 min
Lab File: VY001773.D
Acq: 26 Feb 2020 10:12

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	152476		
85	65.3		51.4	77.0
127	7.5		6.4	9.6

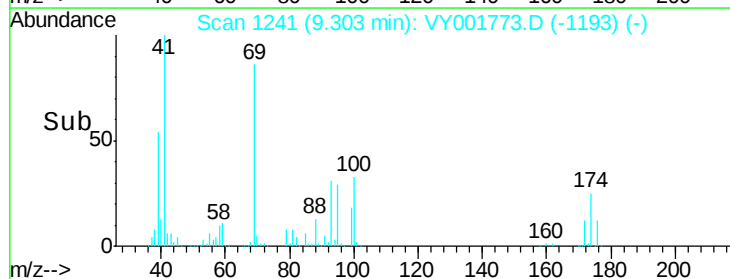
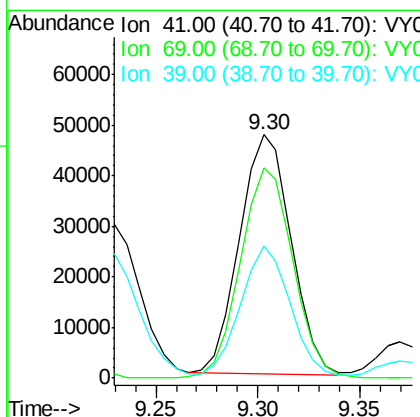
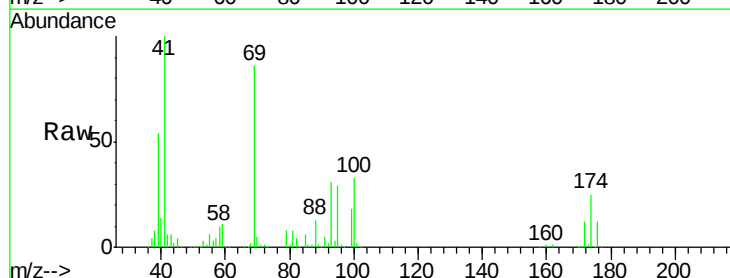
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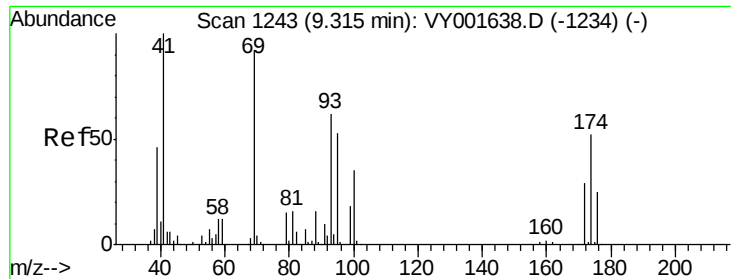
MMDadoda
2/27/2020 10:45:52 AM



#48
Methyl methacrylate
Concen: 49.607 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VY001773.D
Acq: 26 Feb 2020 10:12

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	82908		
69	89.9		70.7	106.1
39	54.3		42.2	63.2





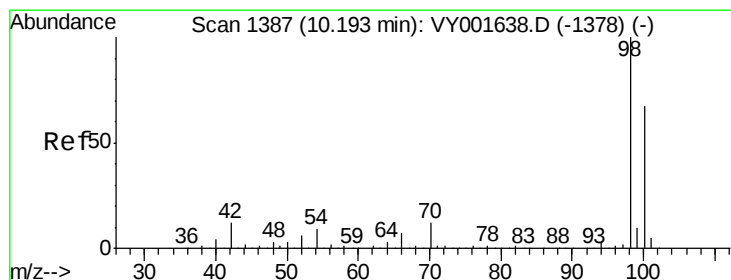
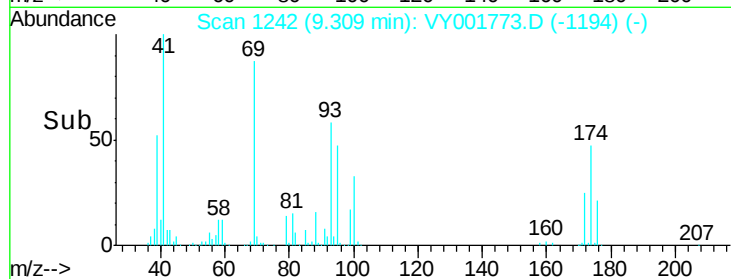
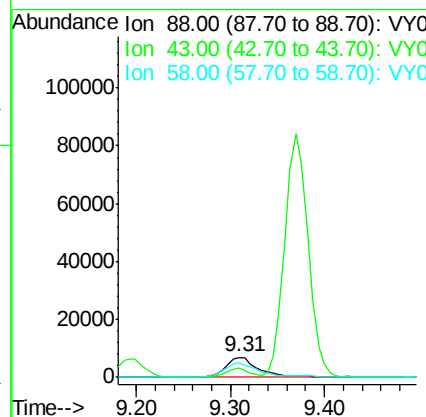
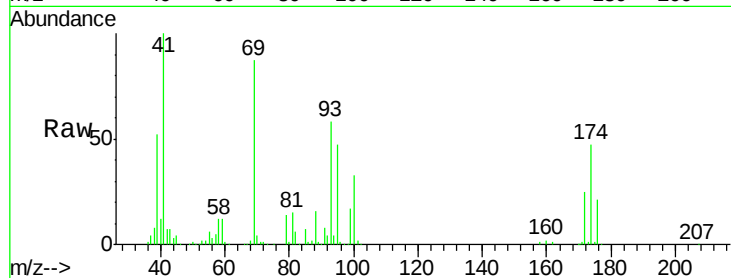
#49
1,4-Dioxane
Concen: 958.315 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. -0.01 min
Lab File: VY001773.D
Acq: 26 Feb 2020 10:12

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.2	23.1	34.7
58	79.4	58.1	87.1

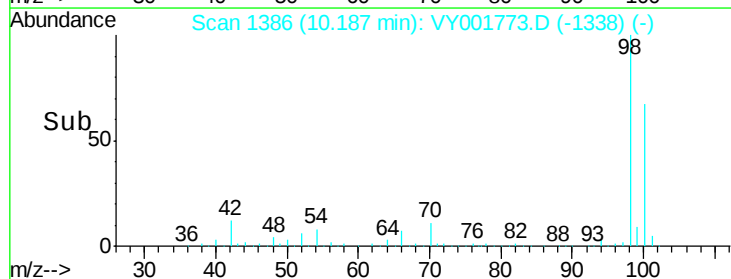
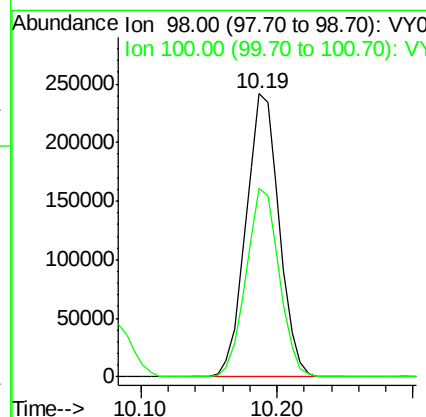
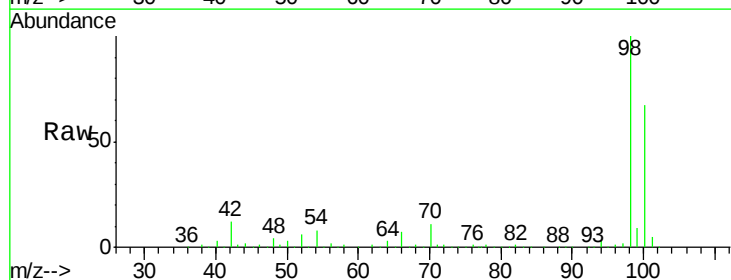
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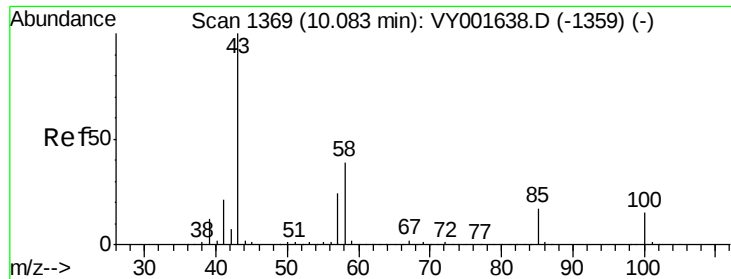
MMDadoda
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#50
Toluene-d8
Concen: 53.824 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.01 min
Lab File: VY001773.D
Acq: 26 Feb 2020 10:12

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.3	53.0	79.4





#51

4-Methyl-2-Pentanone

Concen: 256.592 ug/l

RT: 10.08 min Scan# 1369

Delta R.T. -0.00 min

Lab File: VY001773.D

Acq: 26 Feb 2020 10:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 487190

Ion Ratio Lower Upper

43 100

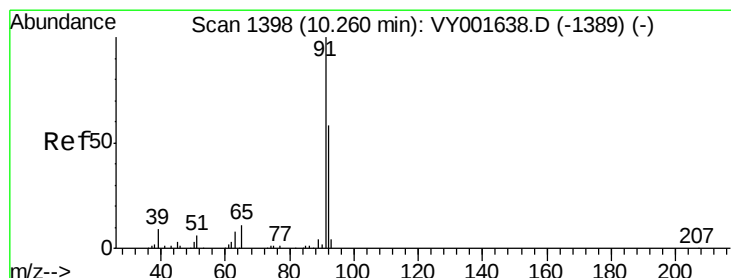
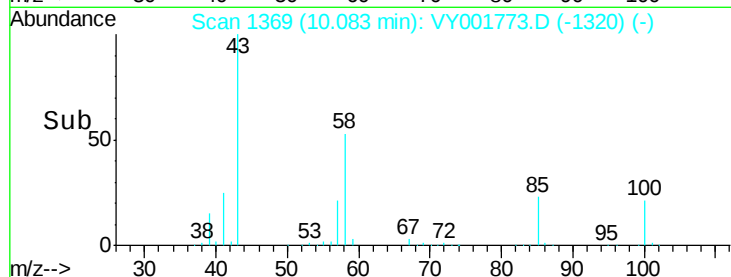
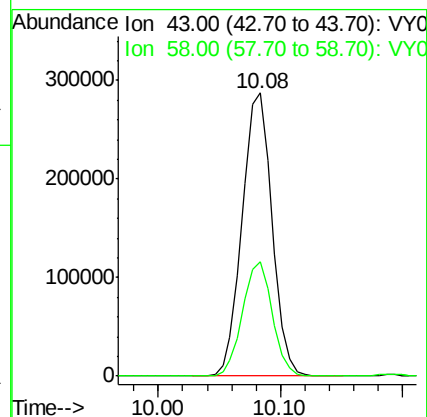
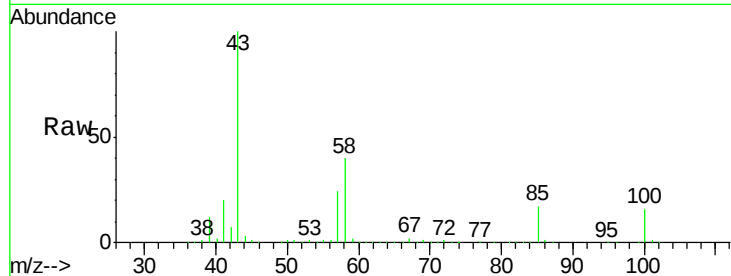
58 40.1 32.2 48.4

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#52

Toluene

Concen: 50.043 ug/l

RT: 10.25 min Scan# 1397

Delta R.T. -0.01 min

Lab File: VY001773.D

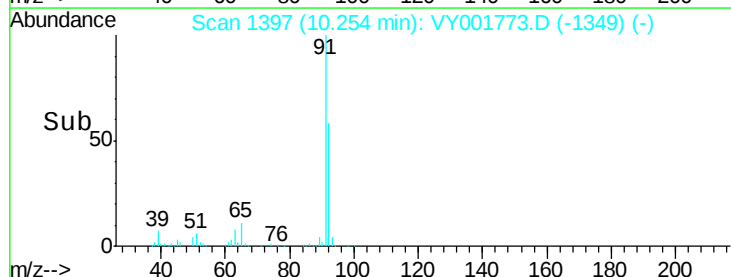
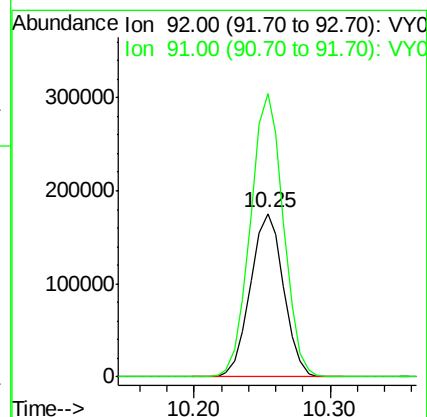
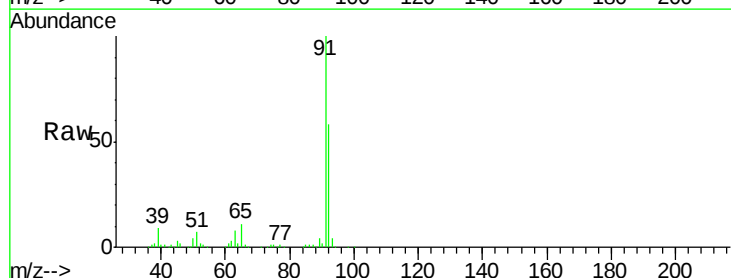
Acq: 26 Feb 2020 10:12

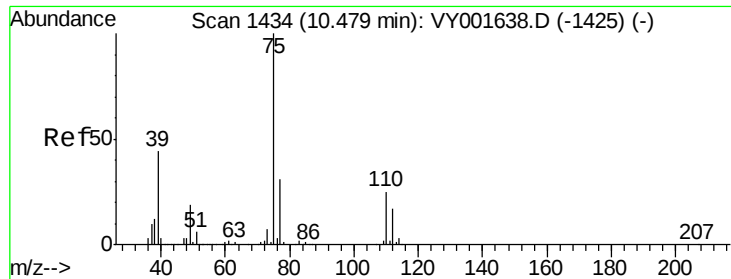
Tgt Ion: 92 Resp: 299588

Ion Ratio Lower Upper

92 100

91 172.2 137.0 205.6





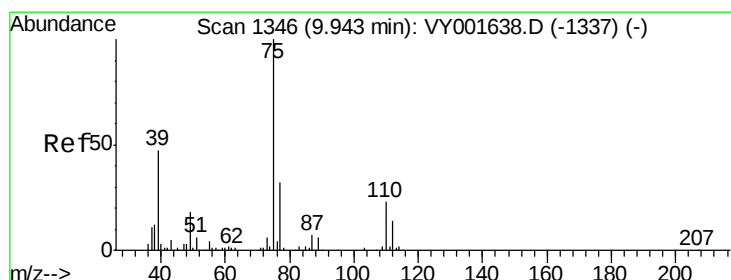
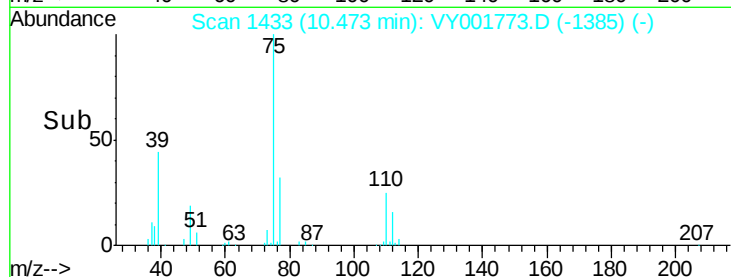
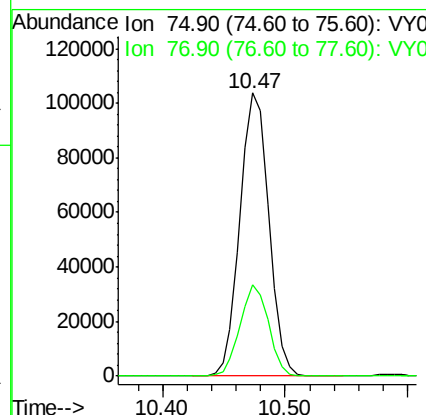
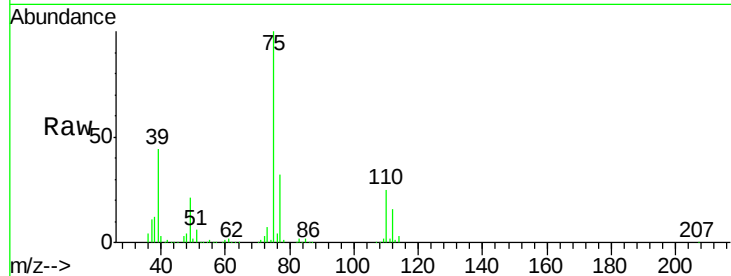
#53
t-1,3-Dichloropropene
Concen: 50.654 ug/l
RT: 10.47 min Scan# 1433
Delta R.T. -0.01 min
Lab File: VY001773.D
Acq: 26 Feb 2020 10:12

Instrument :
MSVOA_Y
ClientSampled :
VSTDCCC050

Tot Ion: 75 Resp: 169906
Ion Ratio Lower Upper
75 100
77 32.4 25.2 37.8

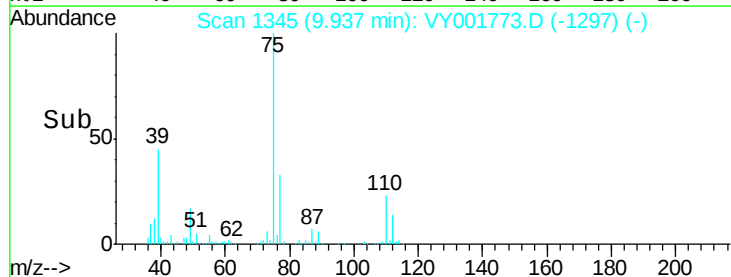
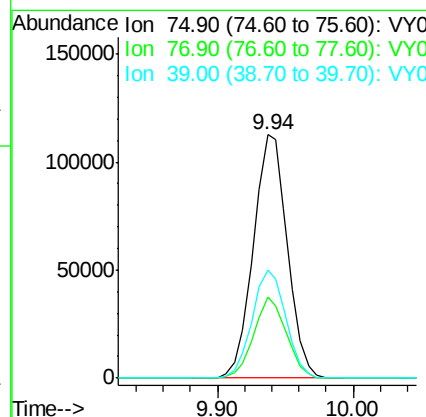
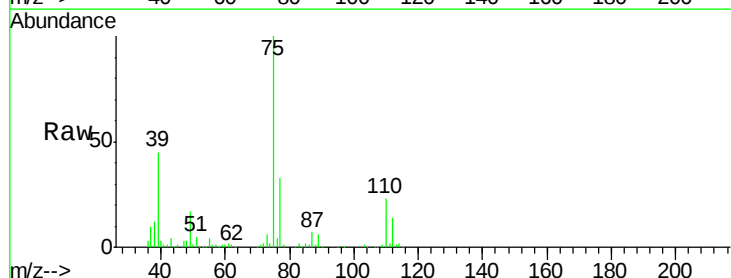
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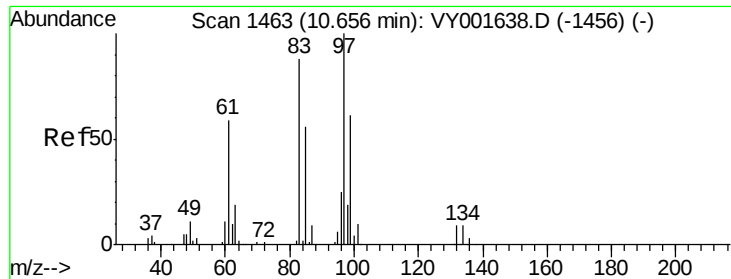
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 51.214 ug/l
RT: 9.94 min Scan# 1345
Delta R.T. -0.01 min
Lab File: VY001773.D
Acq: 26 Feb 2020 10:12

Tgt Ion: 75 Resp: 197714
Ion Ratio Lower Upper
75 100
77 33.3 25.7 38.5
39 44.5 35.7 53.5





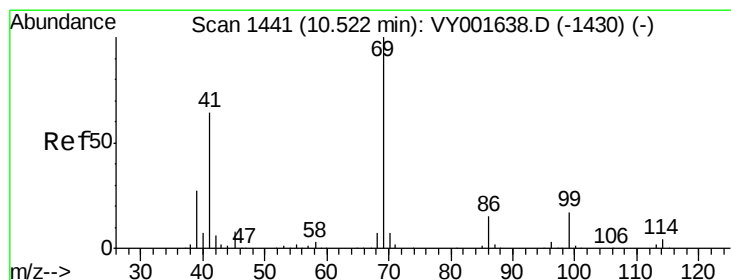
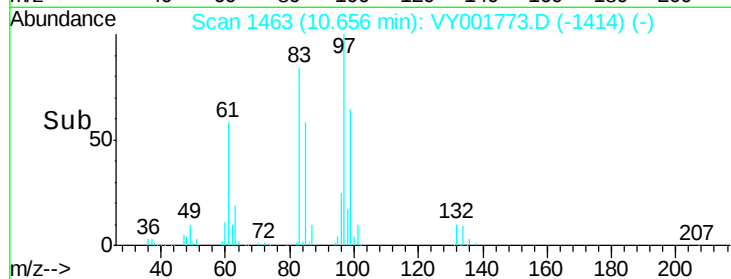
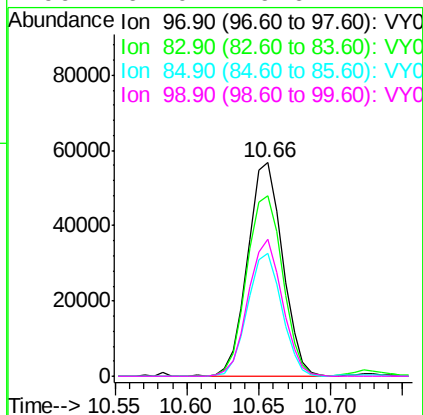
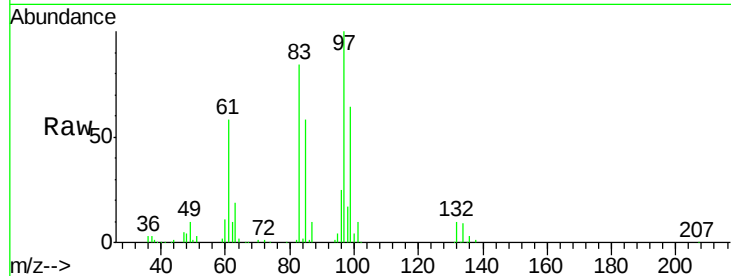
#55
 1,1,2-Trichloroethane
 Concen: 51.622 ug/l
 RT: 10.66 min Scan# 1463
 Delta R.T. -0.00 min
 Lab File: VY001773.D
 Acq: 26 Feb 2020 10:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
97	100		
83	84.3	69.7	104.5
85	57.6	44.5	66.7
99	64.0	49.6	74.4

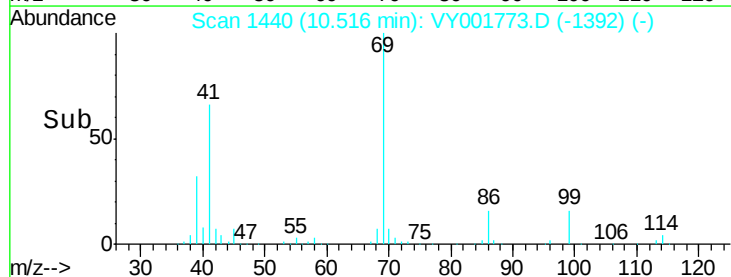
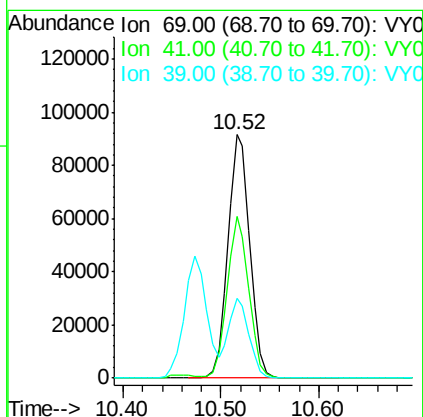
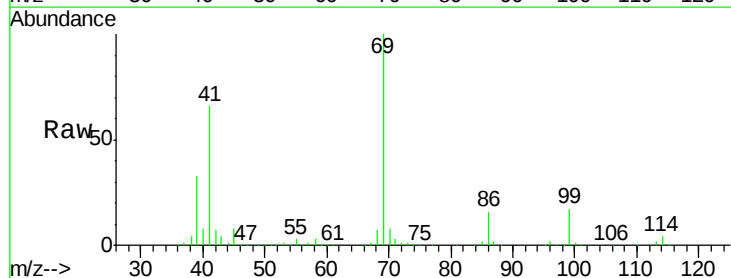
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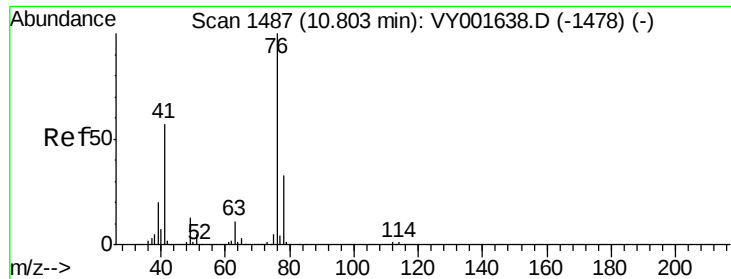
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#56
 Ethyl methacrylate
 Concen: 50.819 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: VY001773.D
 Acq: 26 Feb 2020 10:12

Tgt Ion	Ratio	Lower	Upper
69	100		
41	65.2	51.0	76.4
39	31.1	24.7	37.1





#57

1,3-Dichloropropane

Concen: 50.892 ug/l

RT: 10.80 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VY001773.D

Acq: 26 Feb 2020 10:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 167625

Ion Ratio Lower Upper

76 100

78 32.4

25.7

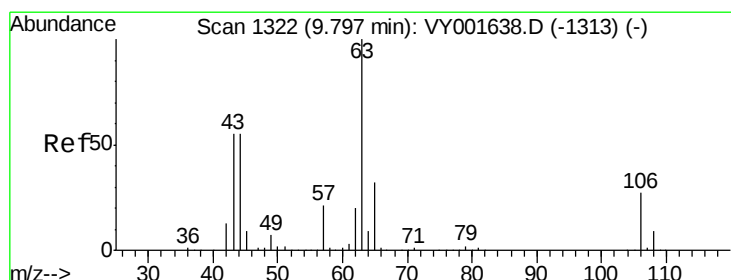
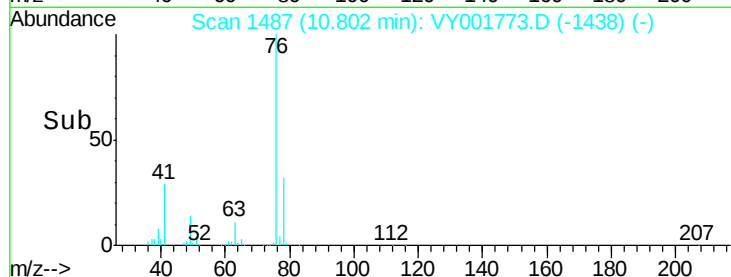
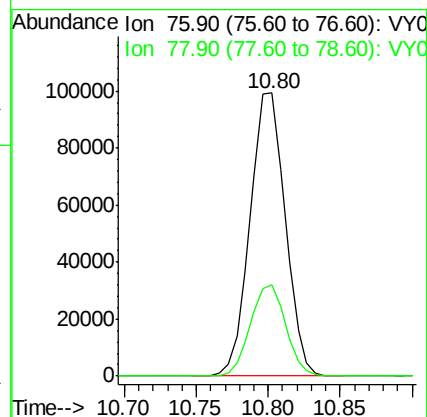
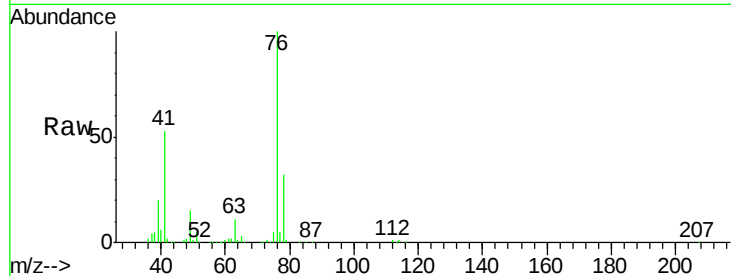
38.5

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#58

2-Chloroethyl Vinyl ether

Concen: 247.355 ug/l

RT: 9.79 min Scan# 1321

Delta R.T. -0.01 min

Lab File: VY001773.D

Acq: 26 Feb 2020 10:12

Tgt Ion: 63 Resp: 258907

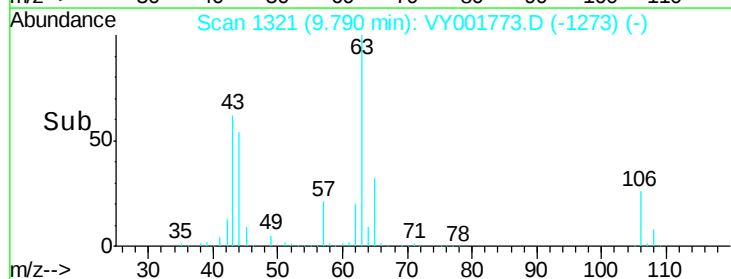
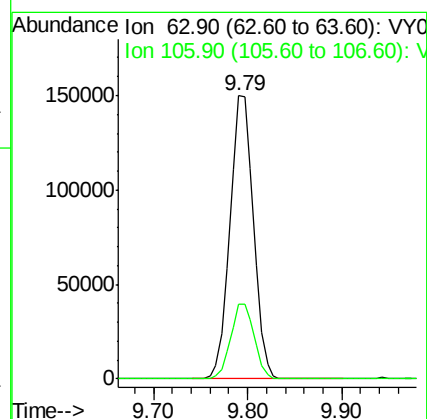
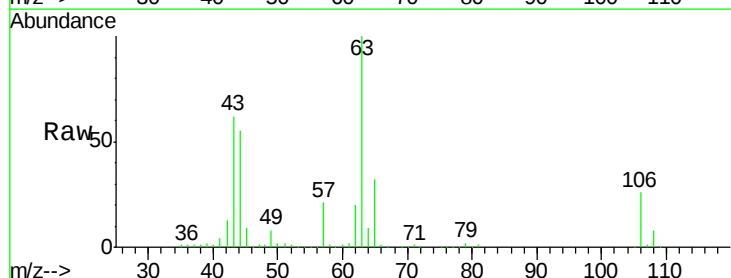
Ion Ratio Lower Upper

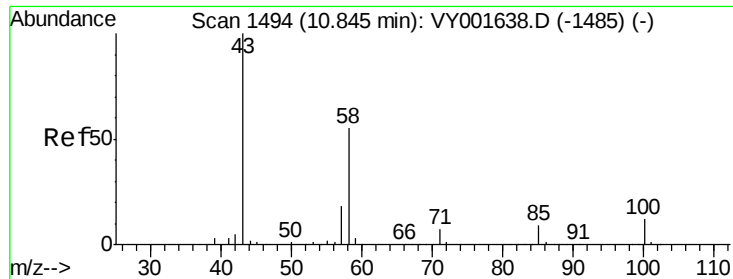
63 100

106 26.5

21.6

32.4





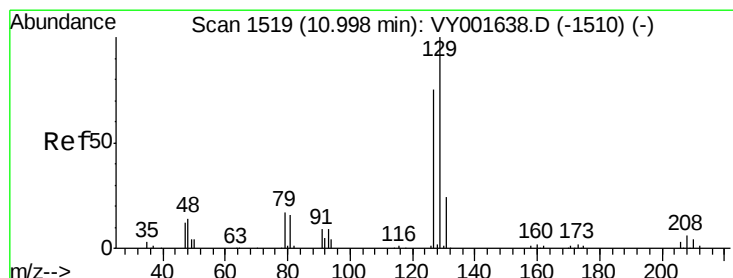
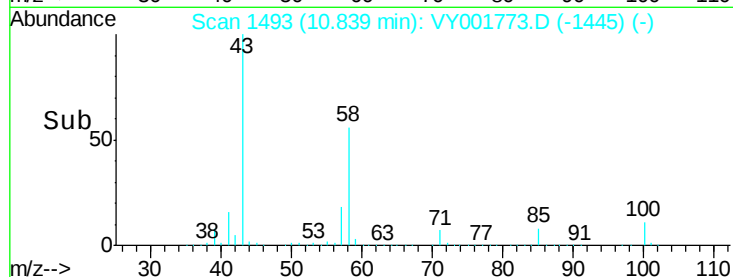
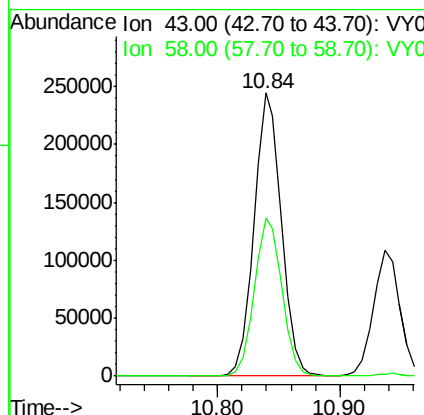
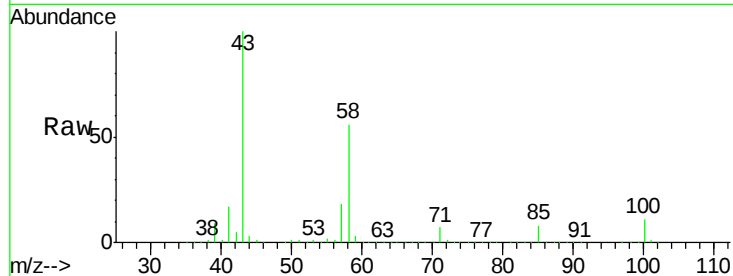
#59
2-Hexanone
Concen: 266.790 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. -0.01 min
Lab File: VY001773.D
Acq: 26 Feb 2020 10:12

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 380074
Ion Ratio Lower Upper
43 100
58 56.4 28.4 85.2

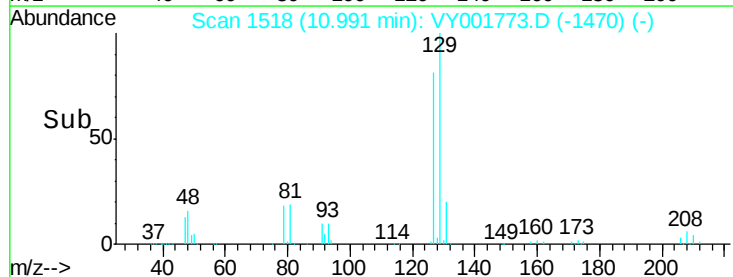
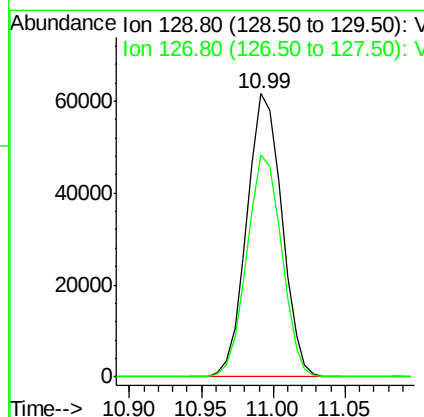
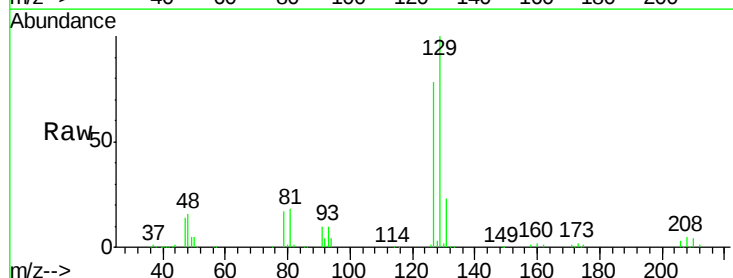
Manual Integrations
APPROVED

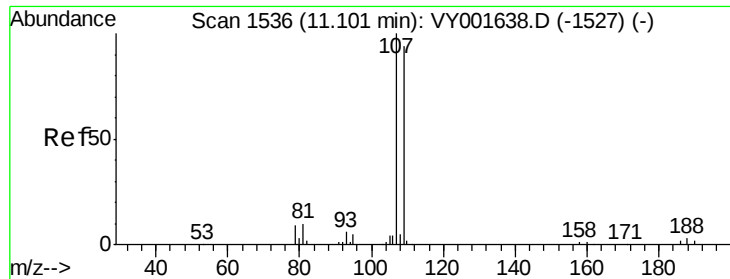
MMDadoda
2/27/2020 10:45:52 AM



#60
Dibromochloromethane
Concen: 50.749 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. -0.01 min
Lab File: VY001773.D
Acq: 26 Feb 2020 10:12

Tgt Ion: 129 Resp: 103718
Ion Ratio Lower Upper
129 100
127 78.1 38.9 116.6





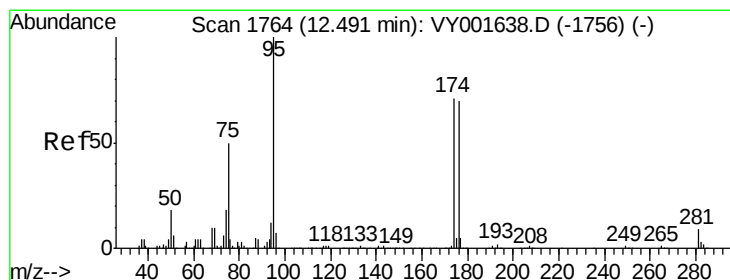
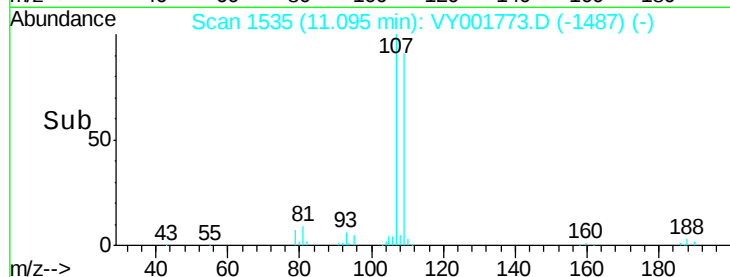
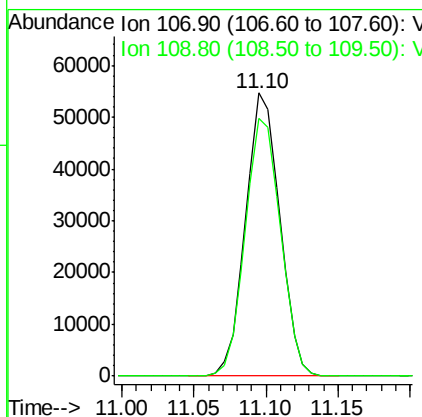
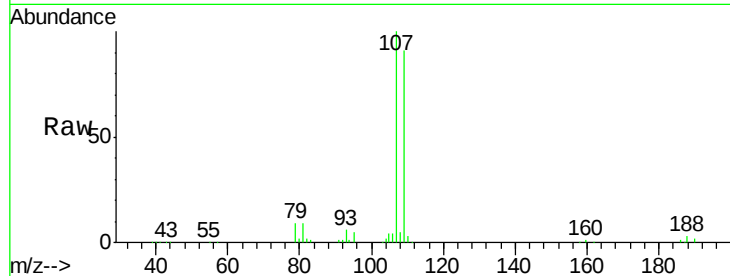
#61
1,2-Dibromoethane
Concen: 51.261 ug/l
RT: 11.10 min Scan# 1535
Delta R.T. -0.01 min
Lab File: VY001773.D
Acq: 26 Feb 2020 10:12

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 107 Resp: 89849
Ion Ratio Lower Upper
107 100
109 94.0 74.2 111.4

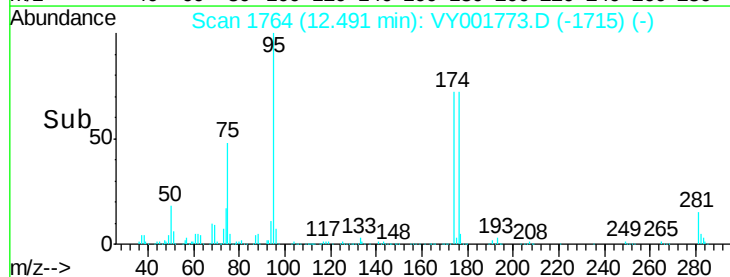
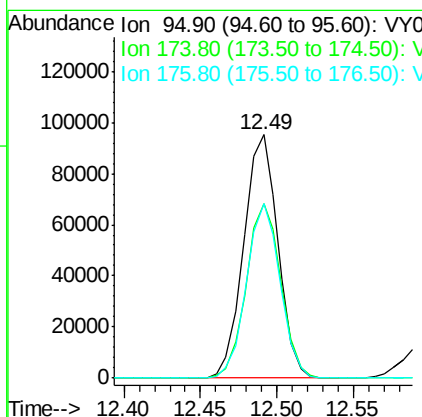
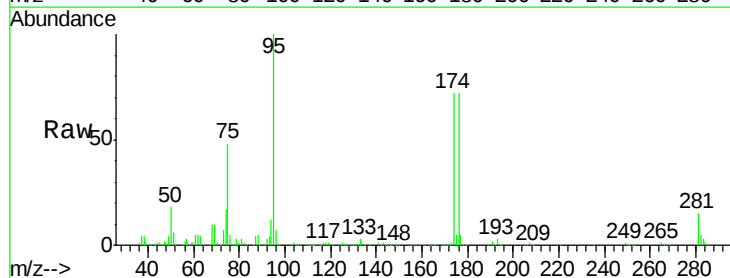
Manual Integrations
APPROVED

MMDadoda
2/27/2020 10:45:52 AM



#62
4-Bromofluorobenzene
Concen: 49.530 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. -0.00 min
Lab File: VY001773.D
Acq: 26 Feb 2020 10:12

Tgt Ion: 95 Resp: 147505
Ion Ratio Lower Upper
95 100
174 72.3 0.0 138.4
176 70.4 0.0 131.8





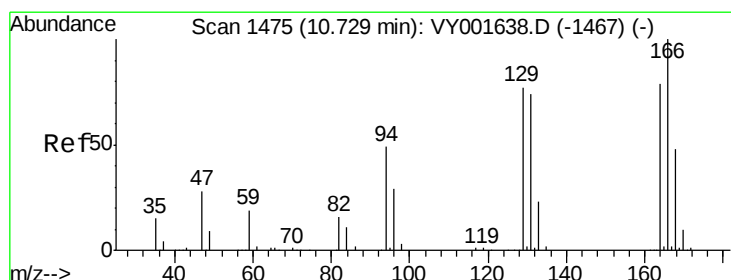
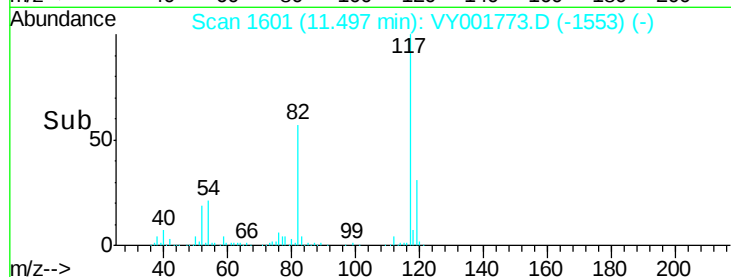
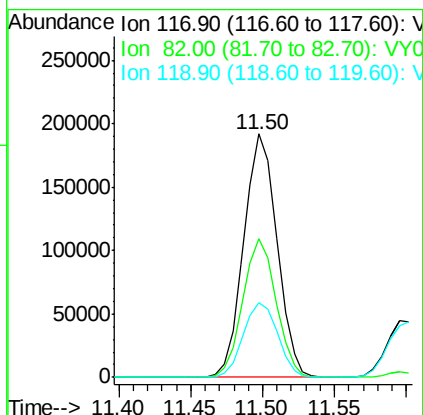
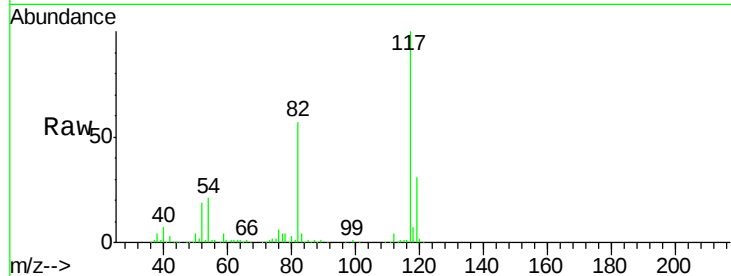
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001773.D
Acq: 26 Feb 2020 10:12

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.8	45.5	68.3
119	30.8	25.8	38.6

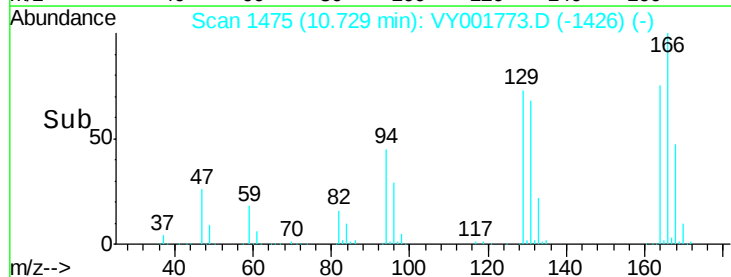
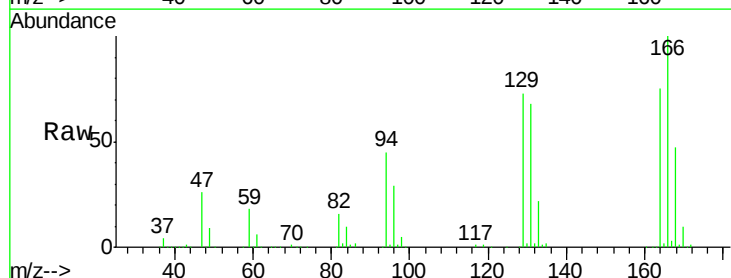
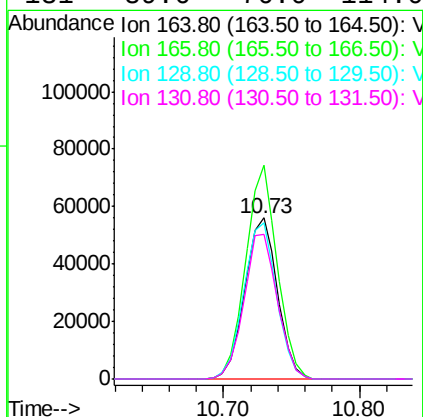
Manual Integrations
APPROVED

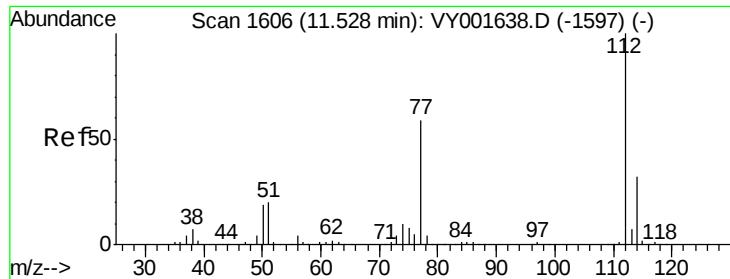
MMDadoda
2/27/2020 10:45:52 AM



#64
Tetrachloroethene
Concen: 48.940 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. -0.00 min
Lab File: VY001773.D
Acq: 26 Feb 2020 10:12

Tgt Ion	Ratio	Lower	Upper
164	100		
166	132.7	101.4	152.0
129	96.8	78.7	118.1
131	89.6	76.0	114.0





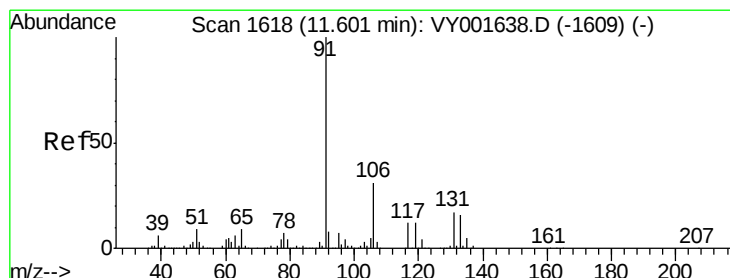
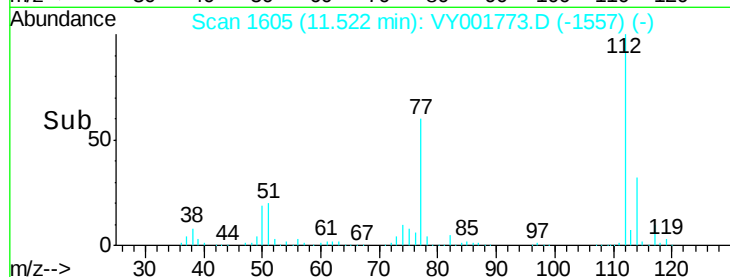
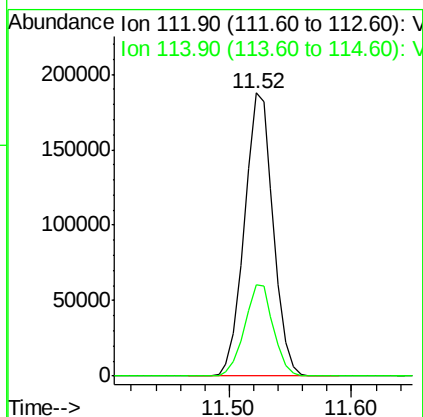
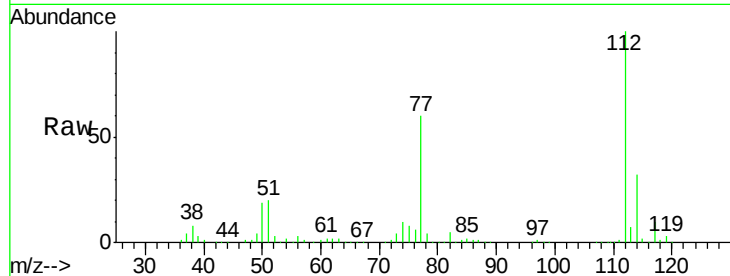
#65
Chlorobenzene
Concen: 49.900 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. -0.01 min
Lab File: VY001773.D
Acq: 26 Feb 2020 10:12

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 305052
Ion Ratio Lower Upper
112 100
114 32.3 25.4 38.2

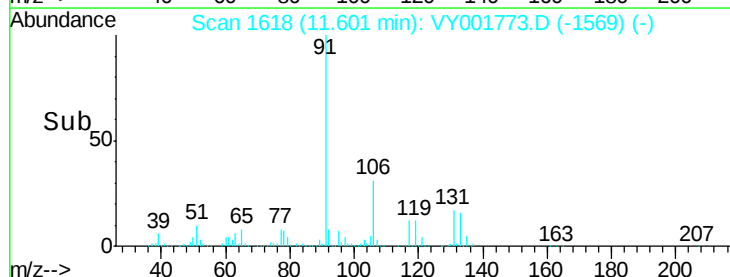
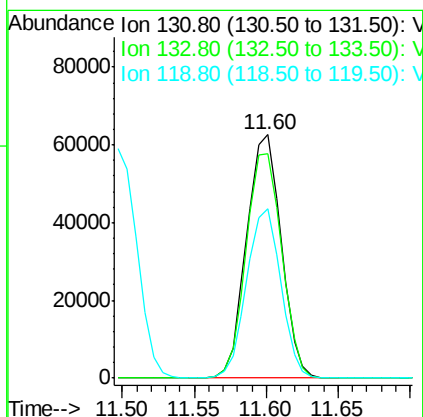
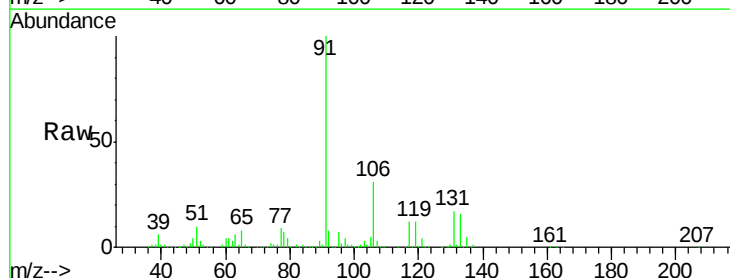
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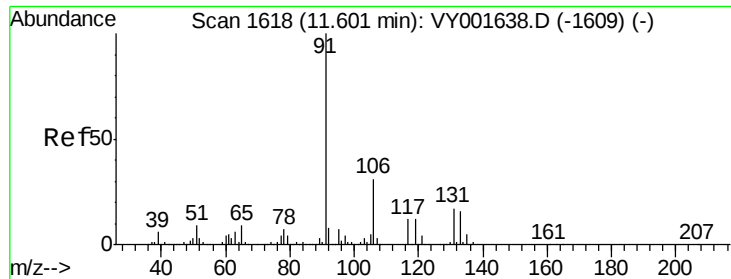
MMDadoda
2/27/2020 10:45:52 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 50.563 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VY001773.D
Acq: 26 Feb 2020 10:12

Tgt Ion:131 Resp: 104270
Ion Ratio Lower Upper
131 100
133 94.8 47.4 142.2
119 68.6 34.4 103.1





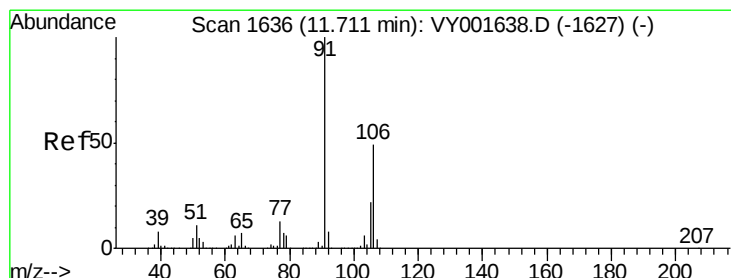
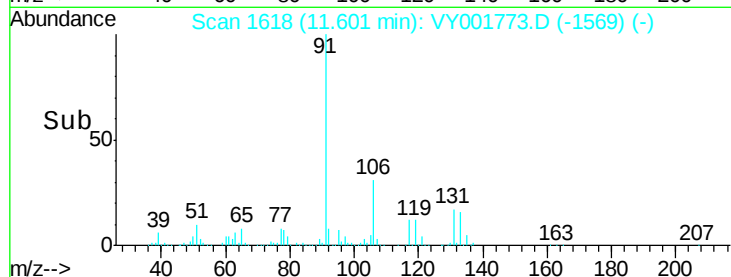
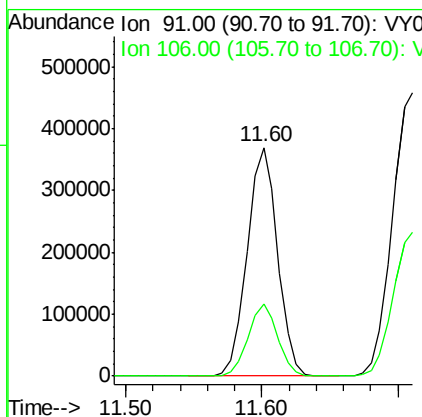
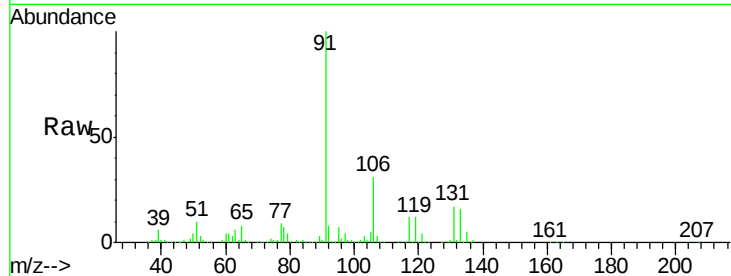
#67
Ethyl Benzene
Concen: 50.886 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VY001773.D
Acq: 26 Feb 2020 10:12

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 577288
Ion Ratio Lower Upper
91 100
106 31.4 24.5 36.7

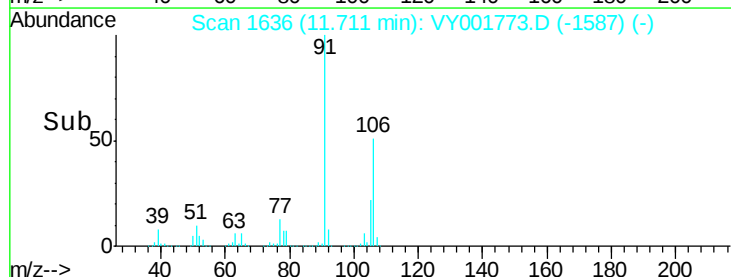
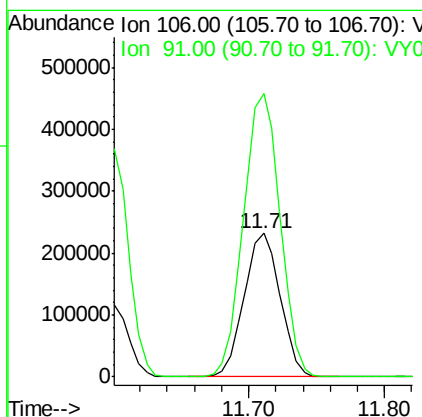
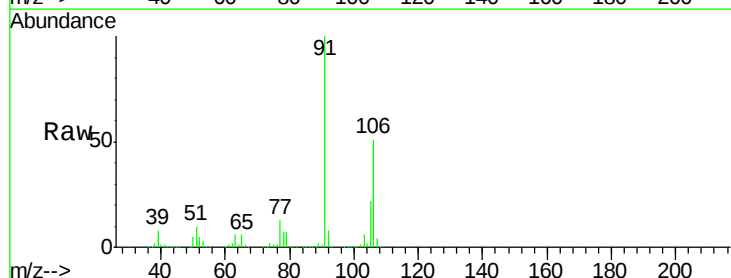
Manual Integrations
APPROVED

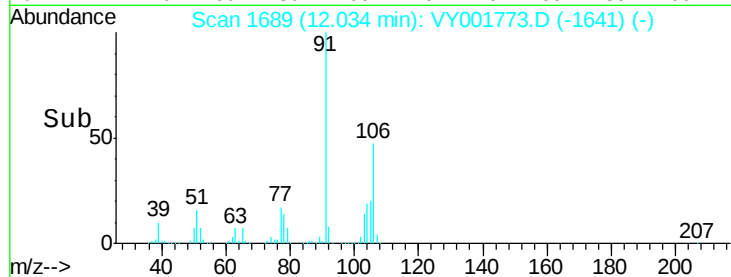
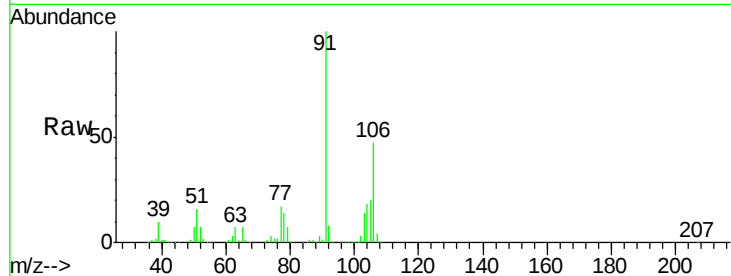
MMDadoda
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#68
m/p-Xylenes
Concen: 101.628 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VY001773.D
Acq: 26 Feb 2020 10:12

Tgt Ion: 106 Resp: 430677
Ion Ratio Lower Upper
106 100
91 200.6 163.3 244.9





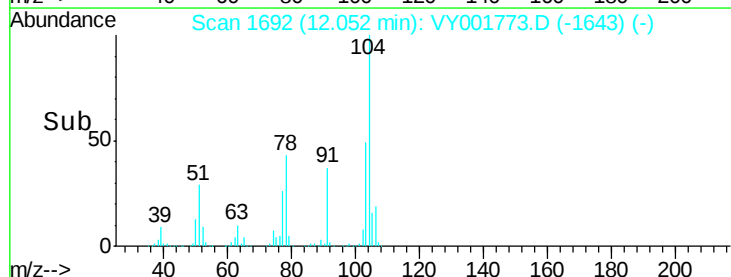
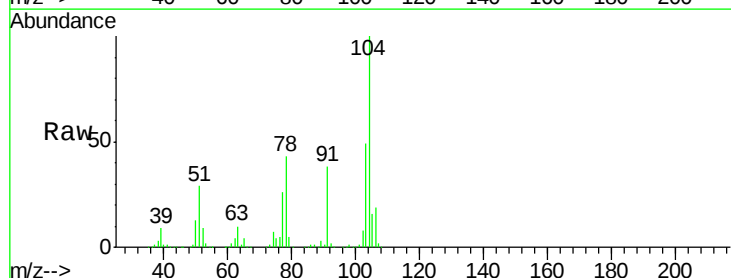
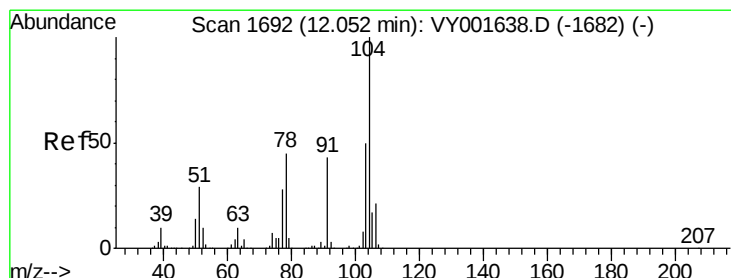
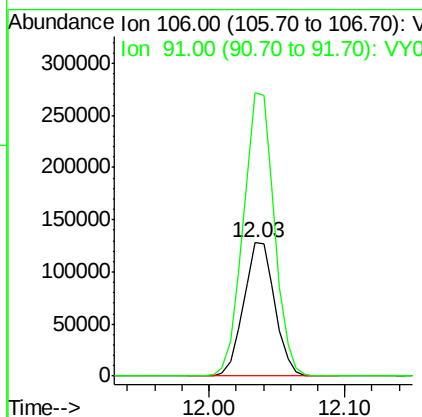
#69
o-Xylene
Concen: 50.703 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.01 min
Lab File: VY001773.D
Acq: 26 Feb 2020 10:12

Tot Ion:106 Resp: 204274
Ion Ratio Lower Upper
106 100
91 211.7 108.3 324.9

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

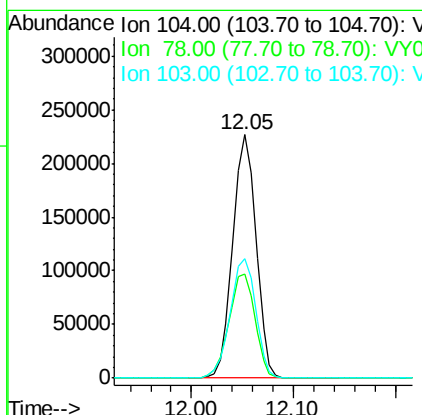
Manual Integrations
APPROVED

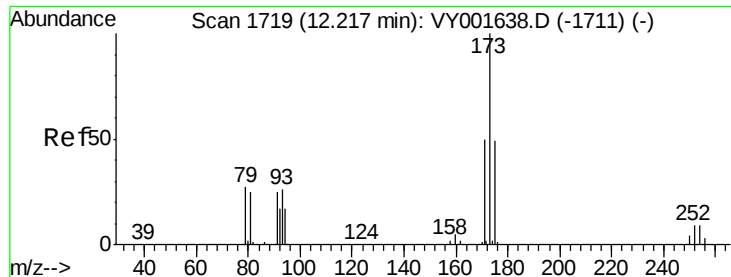
MMDadoda
2/27/2020 10:45:52 AM



#70
Styrene
Concen: 51.021 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VY001773.D
Acq: 26 Feb 2020 10:12

Tgt Ion:104 Resp: 357237
Ion Ratio Lower Upper
104 100
78 48.0 39.2 58.8
103 53.8 43.0 64.6





#71

Bromoform

Concen: 51.037 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. -0.00 min

Lab File: VY001773.D

Acq: 26 Feb 2020 10:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 60147

Ion Ratio Lower Upper

173 100

175 48.5 24.3 73.0

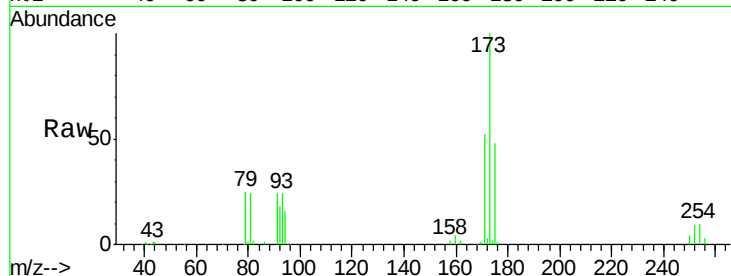
254 0.0 0.1 0.1#

Manual Integrations

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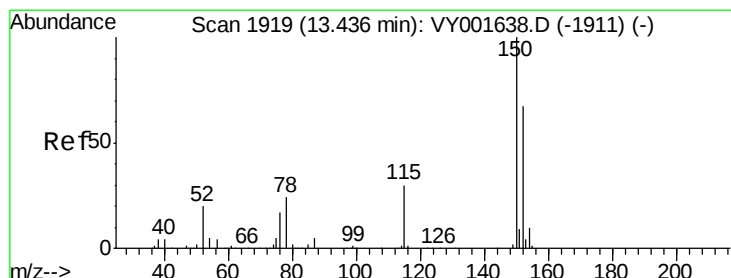
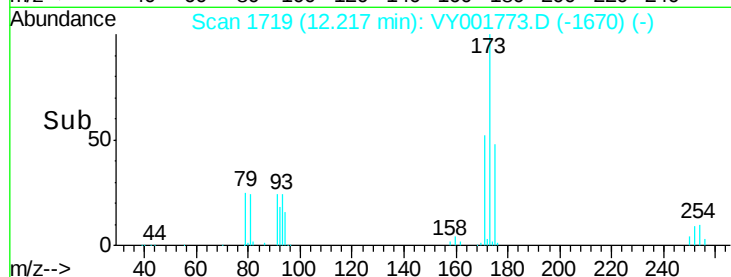
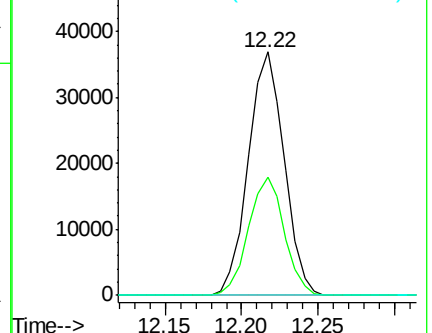
2/27/2020 10:45:52 AM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. -0.00 min

Lab File: VY001773.D

Acq: 26 Feb 2020 10:12

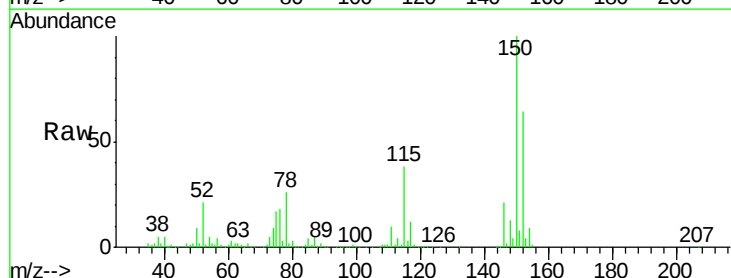
Tgt Ion:152 Resp: 145956

Ion Ratio Lower Upper

152 100

115 60.4 31.4 94.2

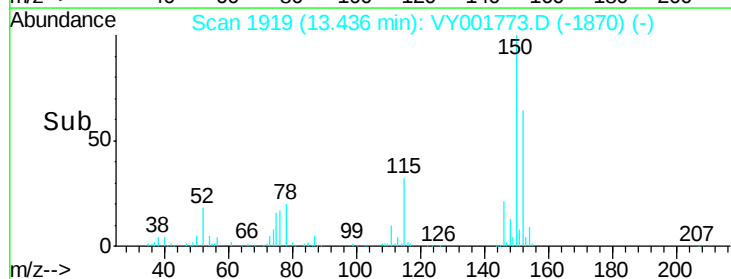
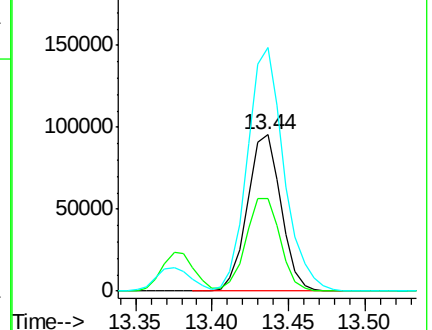
150 168.5 0.0 407.2

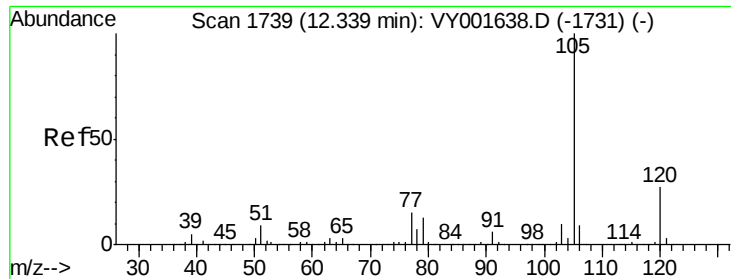


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.908 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. -0.00 min

Lab File: VY001773.D

Acq: 26 Feb 2020 10:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 554943

Ion Ratio Lower Upper

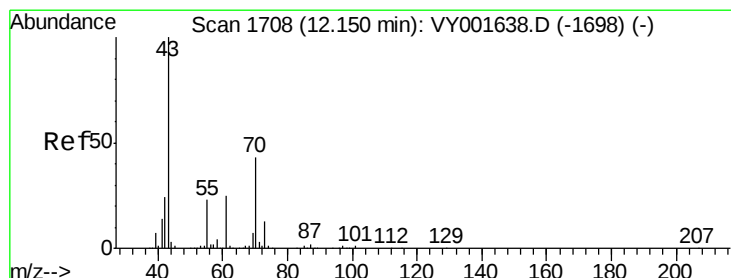
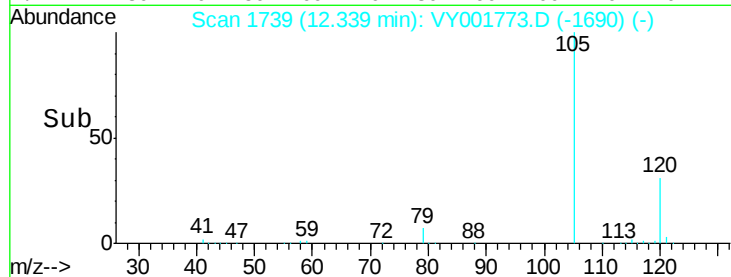
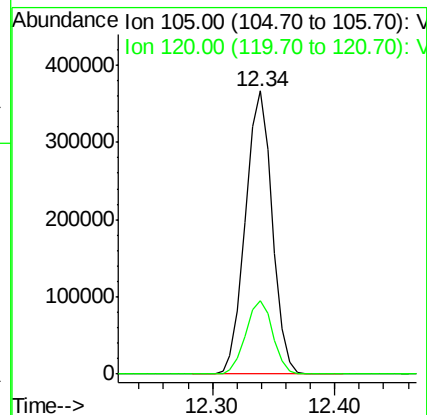
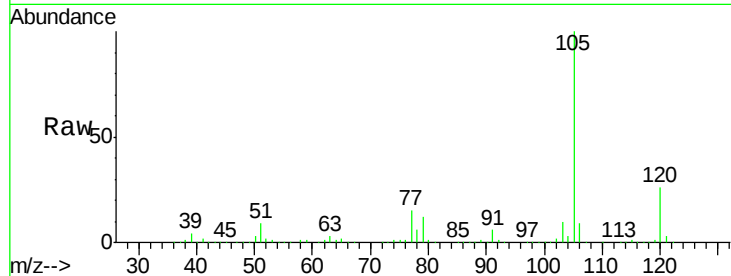
105 100

120 26.2 13.4 40.1

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#74

N-ethyl acetate

Concen: 49.700 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. -0.00 min

Lab File: VY001773.D

Acq: 26 Feb 2020 10:12

Tgt Ion: 43 Resp: 176368

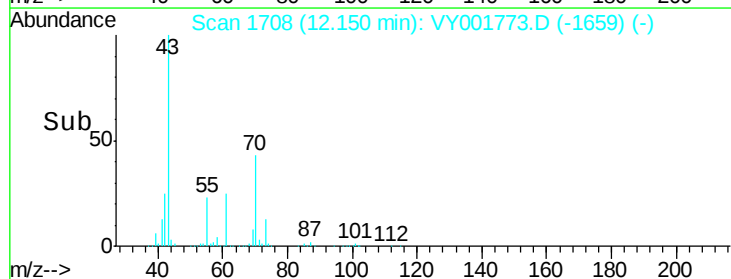
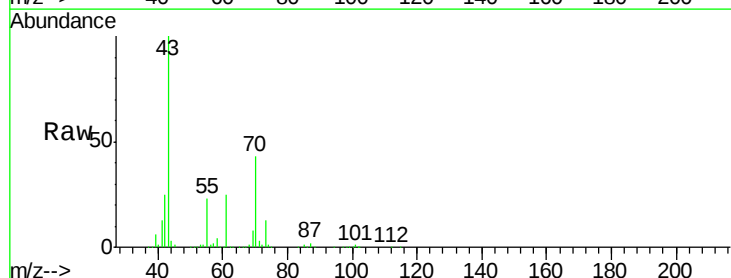
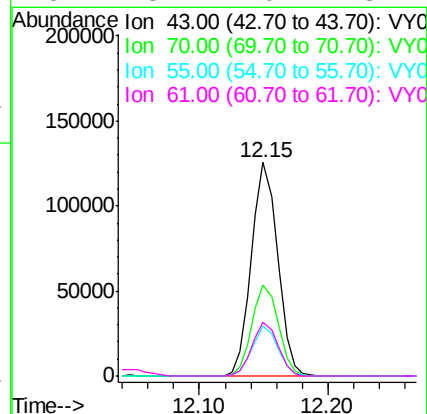
Ion Ratio Lower Upper

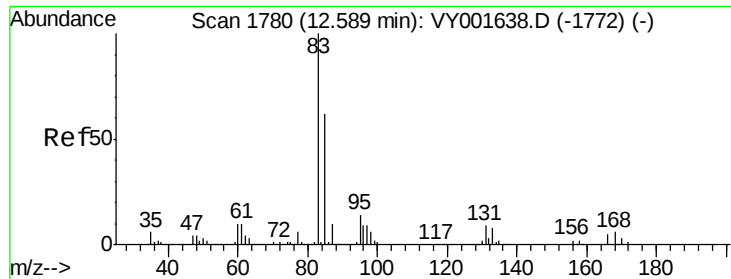
43 100

70 43.3 35.9 53.9

55 23.1 18.3 27.5

61 25.2 20.7 31.1





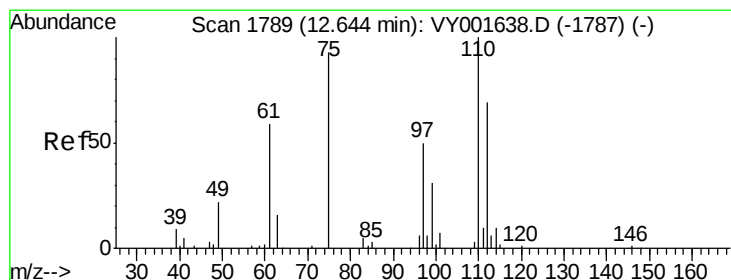
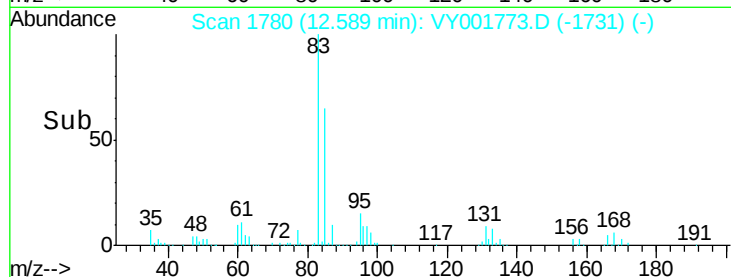
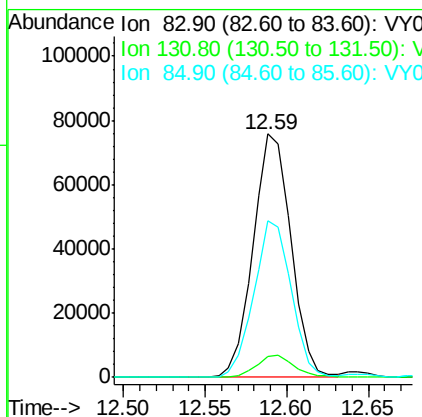
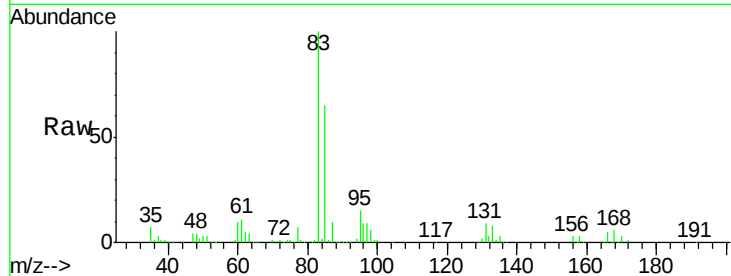
#75
 1,1,2,2-Tetrachloroethane
 Concen: 51.360 ug/l
 RT: 12.59 min Scan# 1780
 Delta R.T. -0.00 min
 Lab File: VY001773.D
 Acq: 26 Feb 2020 10:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	121938		
131	9.1	4.7	14.1	
85	63.7	31.6	94.7	

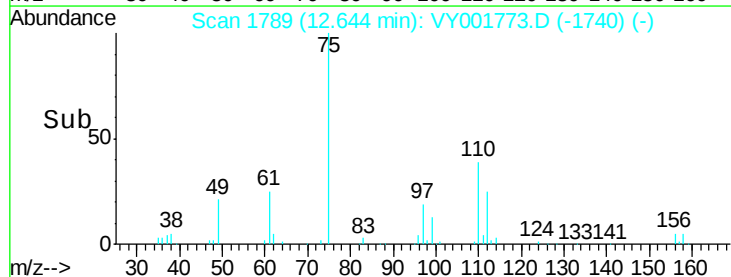
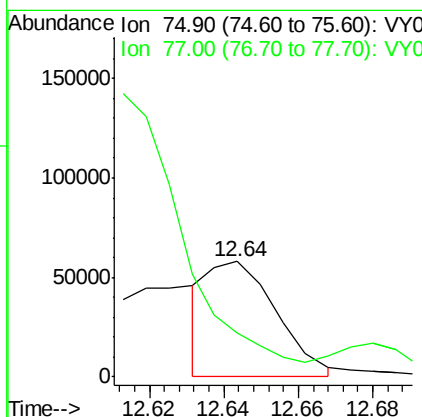
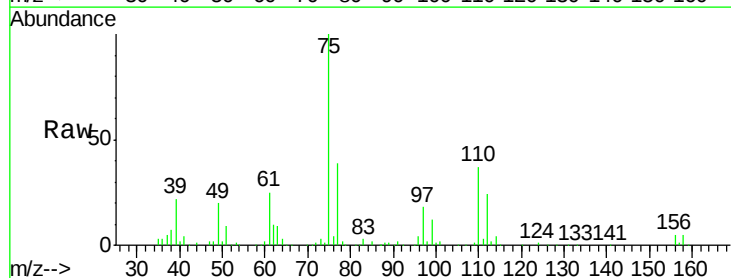
Manual Integrations
 APPROVED

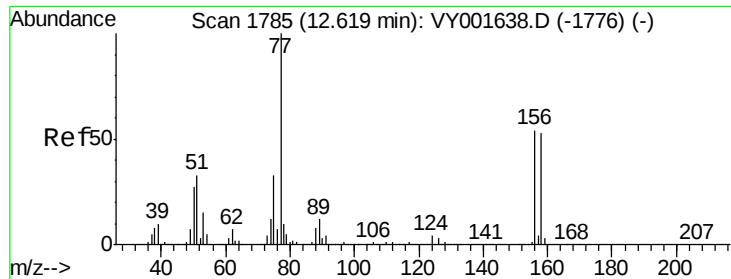
MMDadoda
 2/27/2020 10:45:52 AM



#76
 1,2,3-Trichloropropane
 Concen: 44.343 ug/l m
 RT: 12.64 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VY001773.D
 Acq: 26 Feb 2020 10:12

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	74244		
77	0.0	0.0	0.0	





#77

Bromobenzene

Concen: 48.619 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. -0.01 min

Lab File: VY001773.D

Acq: 26 Feb 2020 10:12

Instrument :

MSVOA_Y

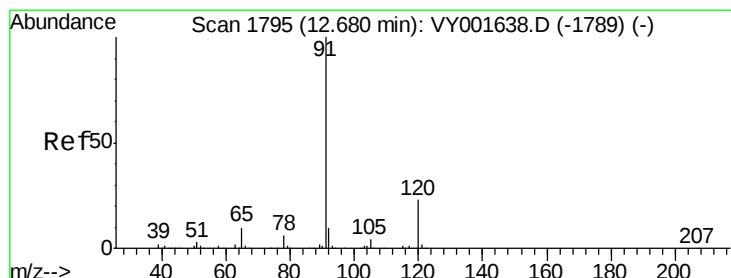
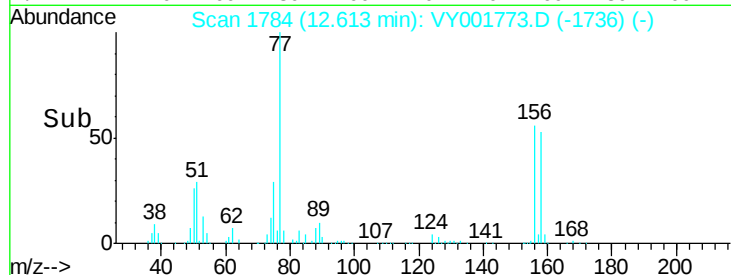
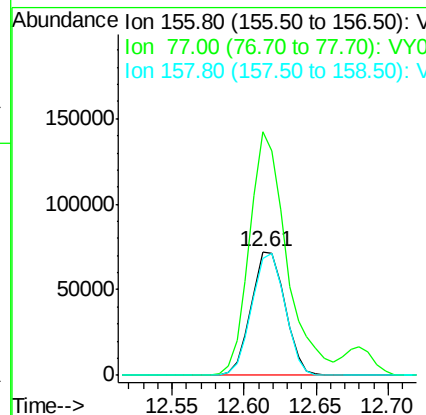
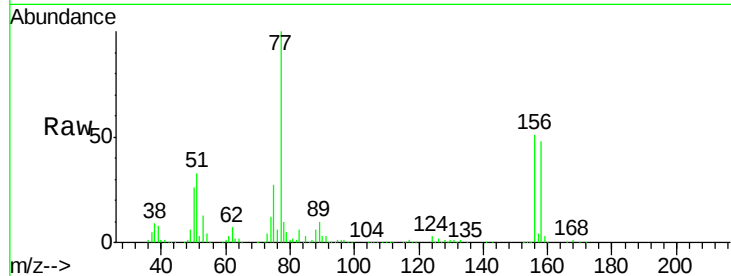
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	217.3	110.1	330.1
158	97.2	47.9	143.7

Manual Integrations
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MMDadoda
2/27/2020 10:45:52 AM



#78

n-propylbenzene

Concen: 50.400 ug/l

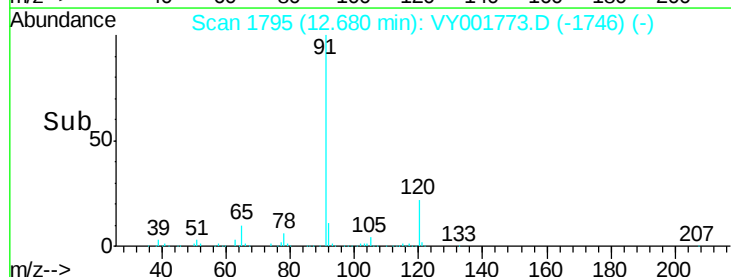
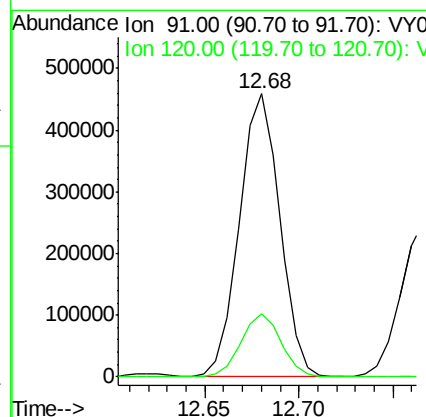
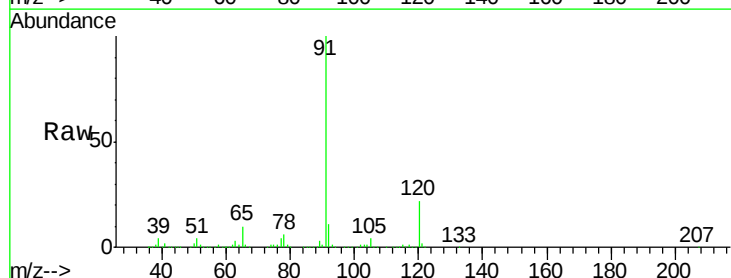
RT: 12.68 min Scan# 1795

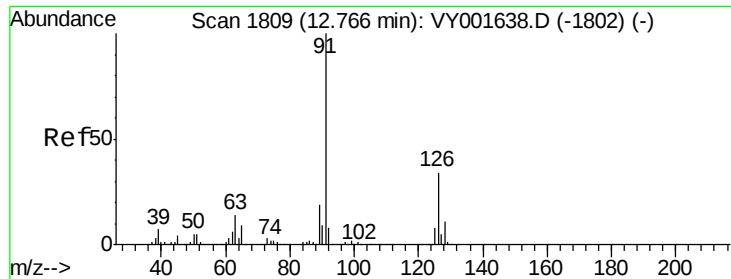
Delta R.T. -0.00 min

Lab File: VY001773.D

Acq: 26 Feb 2020 10:12

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.0	11.1	33.1





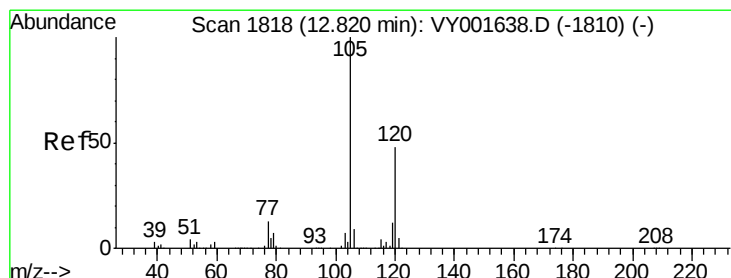
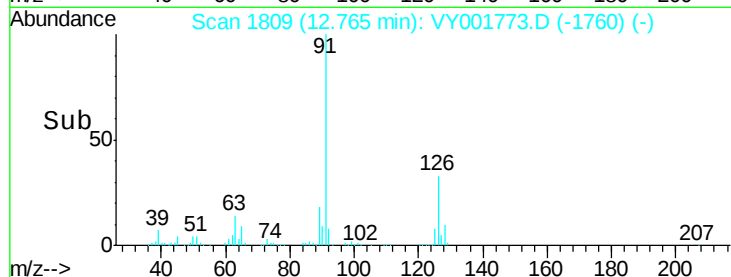
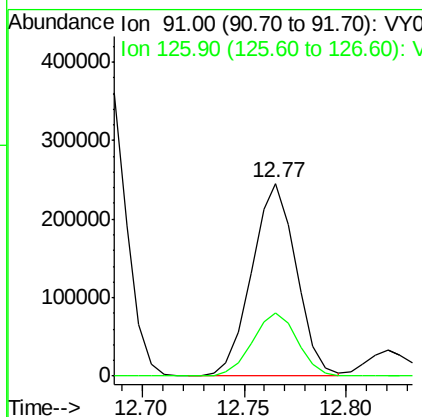
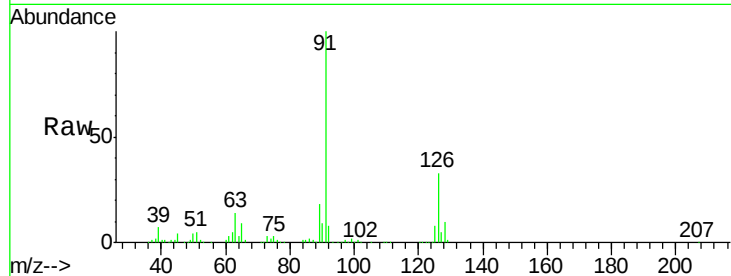
#79
2-Chlorotoluene
Concen: 49.050 ug/l
RT: 12.77 min Scan# 1809
Delta R.T. -0.00 min
Lab File: VY001773.D
Acq: 26 Feb 2020 10:12

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 372556
Ion Ratio Lower Upper
91 100
126 33.2 16.2 48.6

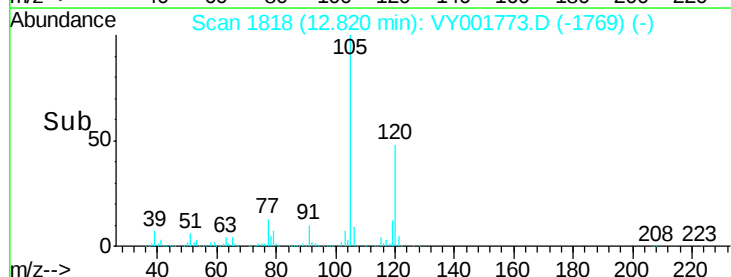
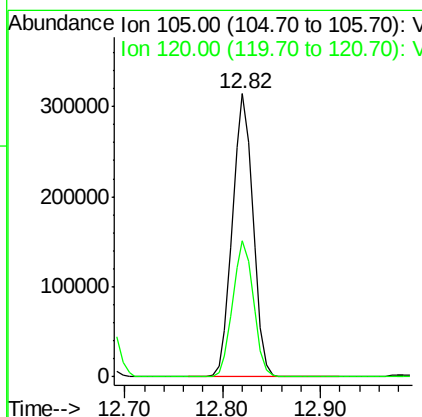
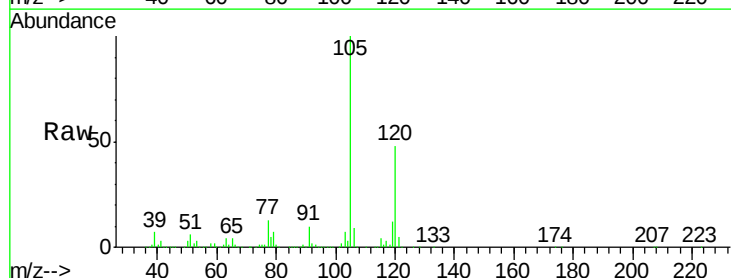
Manual Integrations
APPROVED

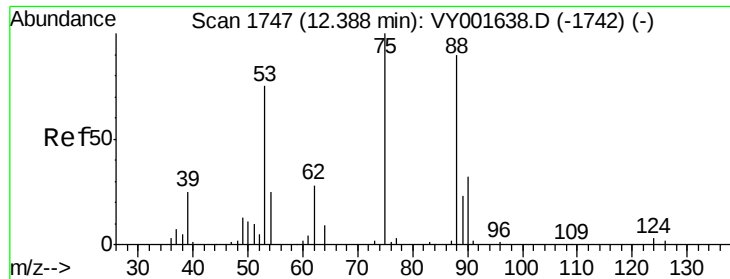
MMDadoda
2/27/2020 10:45:52 AM



#80
1,3,5-Trimethylbenzene
Concen: 49.868 ug/l
RT: 12.82 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VY001773.D
Acq: 26 Feb 2020 10:12

Tgt Ion: 105 Resp: 459001
Ion Ratio Lower Upper
105 100
120 48.5 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 51.530 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VY001773.D

Acq: 26 Feb 2020 10:12

Instrument :

MSVOA_Y

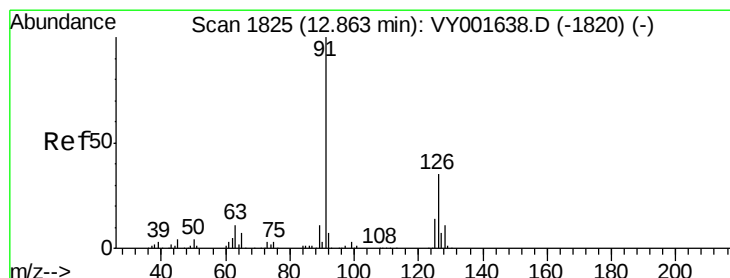
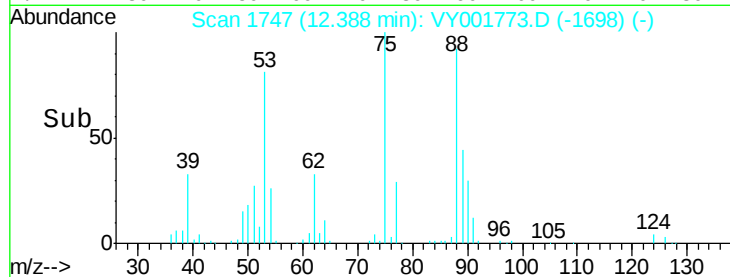
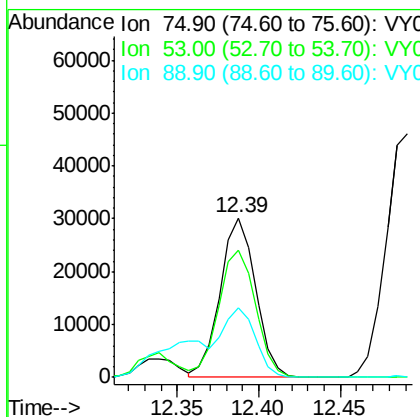
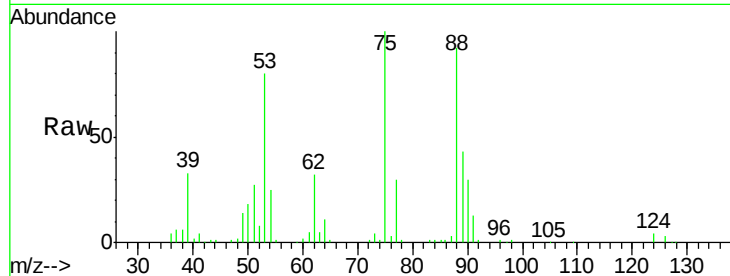
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	45477
Ion	Ratio	Lower	Upper
75	100		
53	83.8	64.5	96.7
89	41.2	36.3	54.5

Manual Integrations
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MMDadoda
2/27/2020 10:45:52 AM



#82

4-Chlorotoluene

Concen: 50.112 ug/l

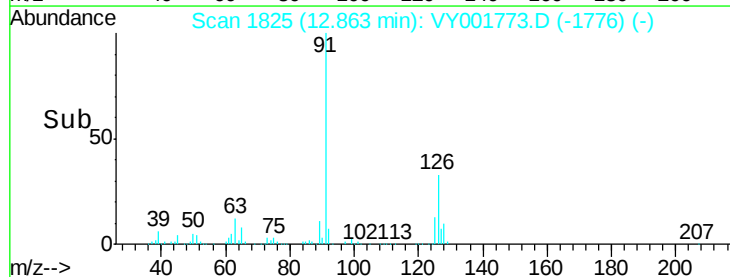
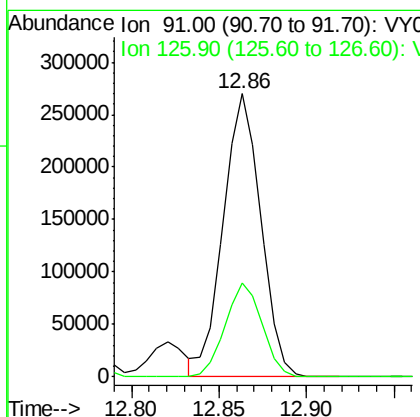
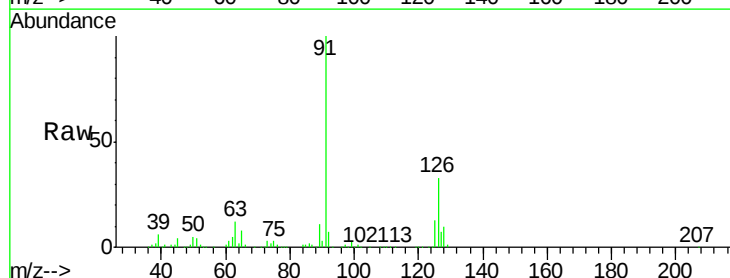
RT: 12.86 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VY001773.D

Acq: 26 Feb 2020 10:12

Tgt Ion:	91	Resp:	401436
Ion	Ratio	Lower	Upper
91	100		
126	32.6	16.2	48.6





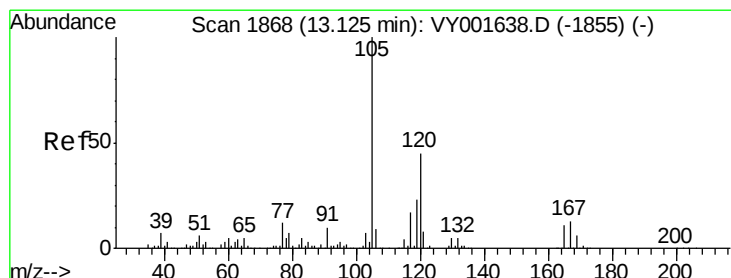
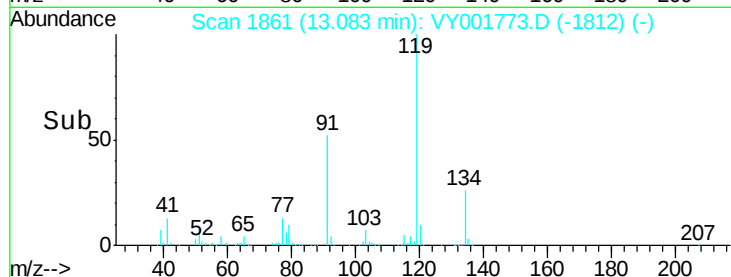
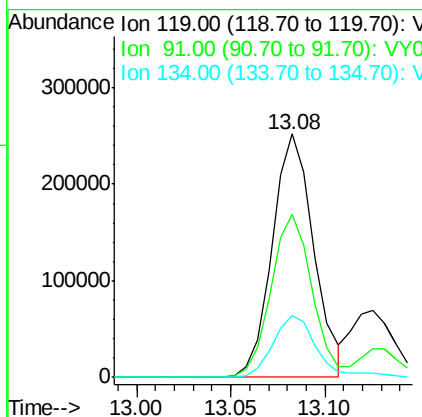
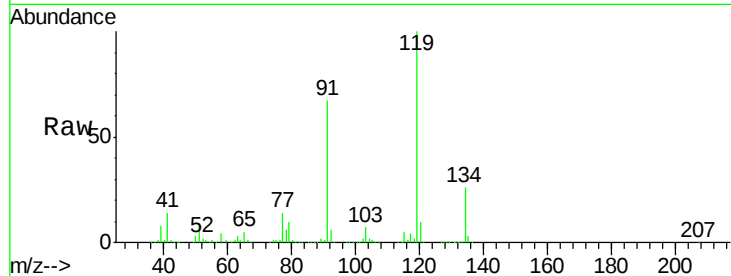
#83
tert-Butylbenzene
Concen: 49.852 ug/l
RT: 13.08 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VY001773.D
Acq: 26 Feb 2020 10:12

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	66.9	33.5	100.5
134	27.1	13.3	39.8

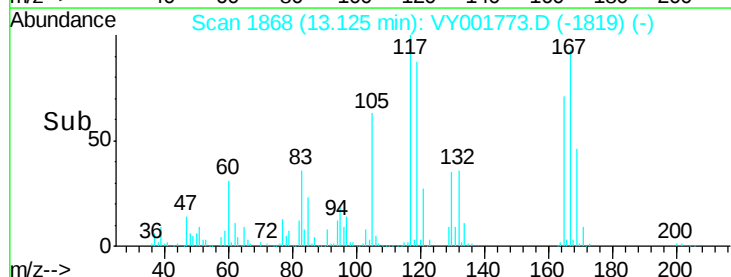
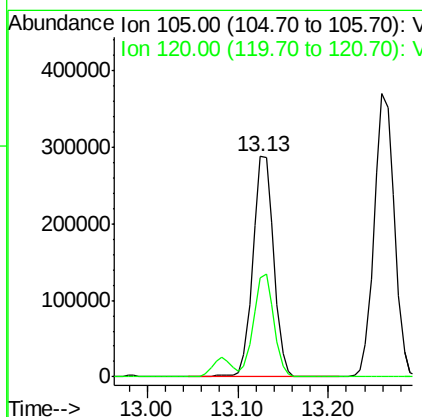
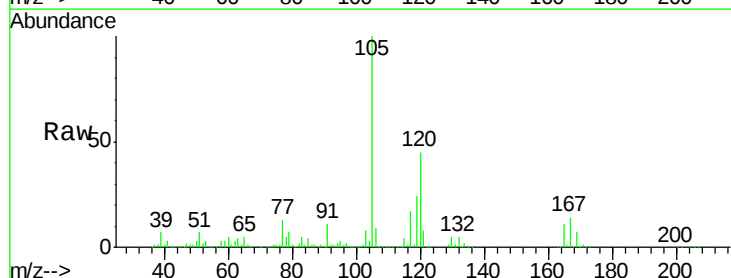
Manual Integrations
APPROVED

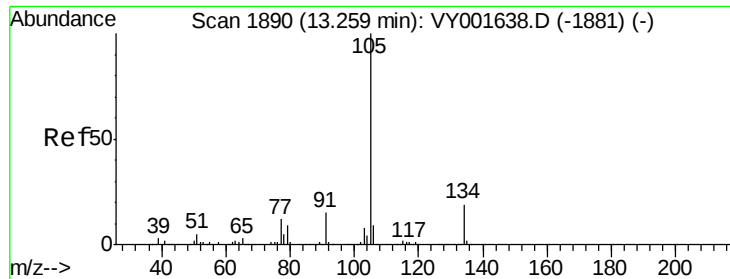
MMDadoda
2/27/2020 10:45:52 AM



#84
1,2,4-Trimethylbenzene
Concen: 49.718 ug/l
RT: 13.13 min Scan# 1868
Delta R.T. -0.00 min
Lab File: VY001773.D
Acq: 26 Feb 2020 10:12

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.3	22.4	67.3





#85

sec-Butylbenzene

Concen: 50.178 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VY001773.D

Acq: 26 Feb 2020 10:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 568116

Ion Ratio Lower Upper

105 100

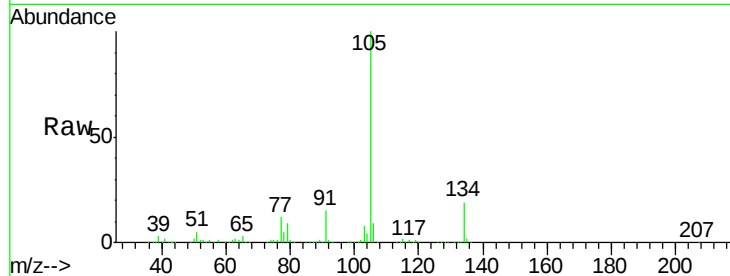
134 19.5 9.8 29.3

Manual Integrations

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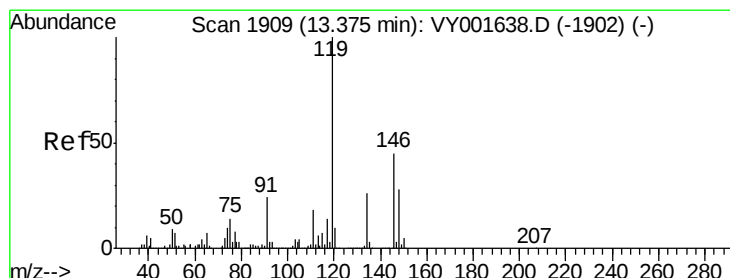
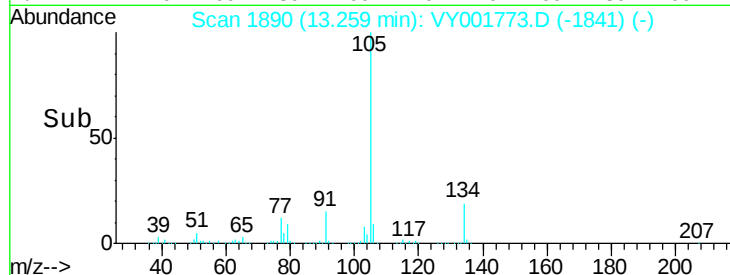
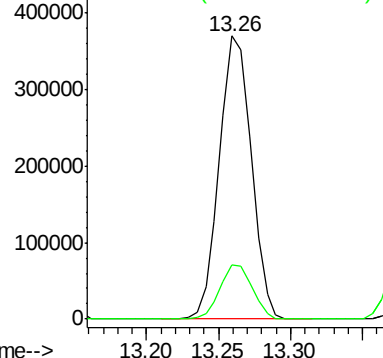
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.131 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. -0.00 min

Lab File: VY001773.D

Acq: 26 Feb 2020 10:12

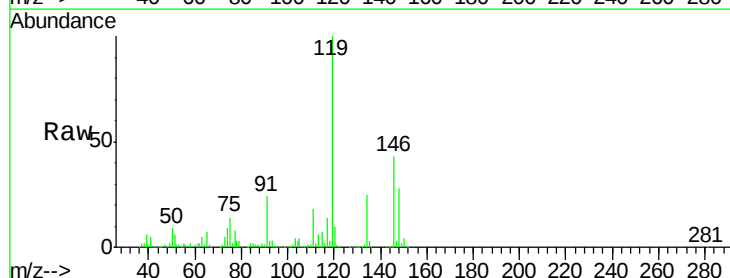
Tgt Ion:119 Resp: 493074

Ion Ratio Lower Upper

119 100

134 26.1 13.0 39.0

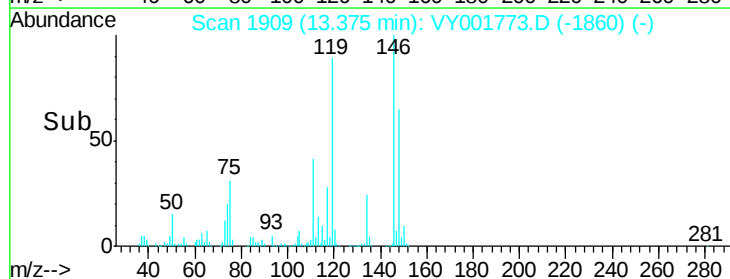
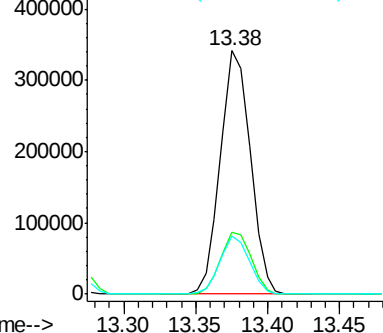
91 23.5 12.2 36.6

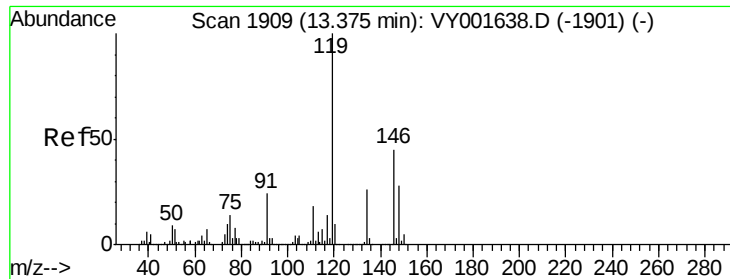


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





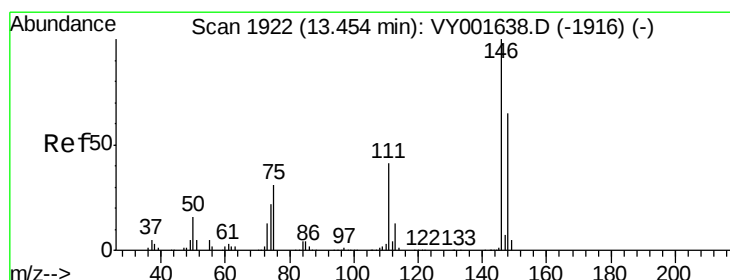
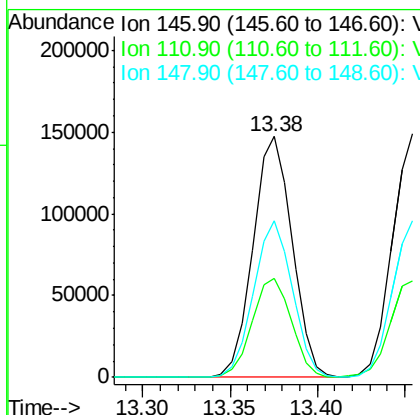
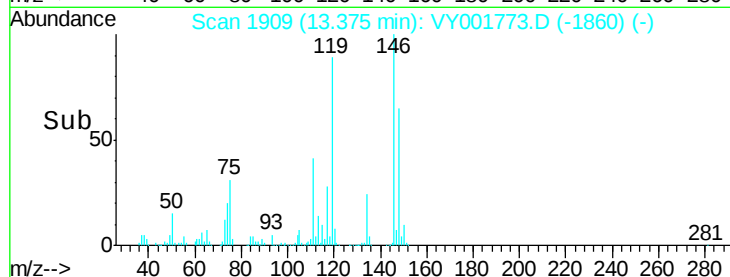
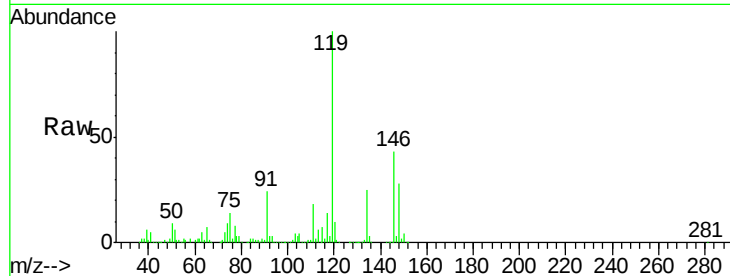
#87
 1,3-Dichlorobenzene
 Concen: 48.966 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. -0.00 min
 Lab File: VY001773.D
 Acq: 26 Feb 2020 10:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	228908		
111	41.5	21.4	64.3	
148	64.3	31.6	94.7	

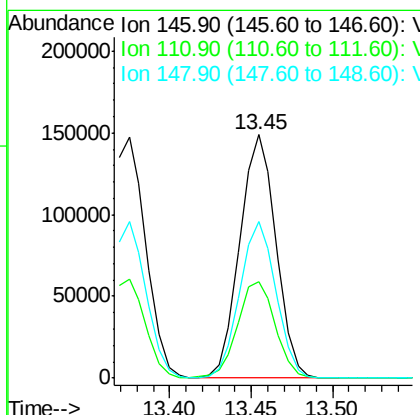
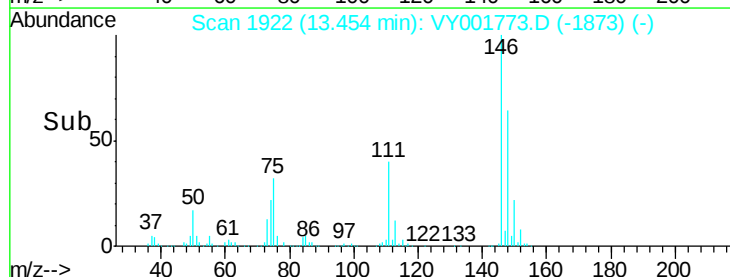
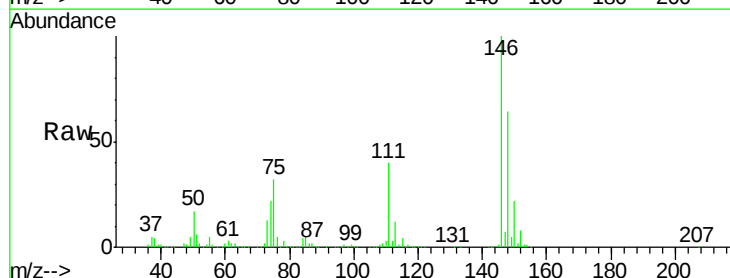
Manual Integrations
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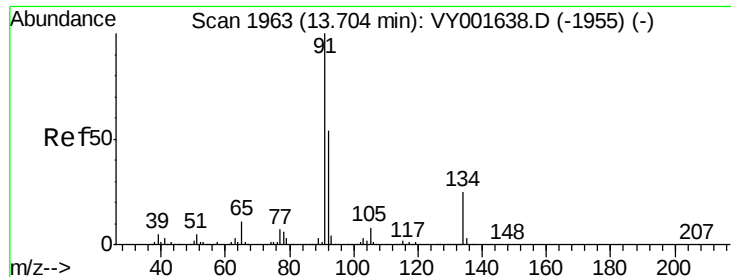
MMDadoda
 2/27/2020 10:45:52 AM



#88
 1,4-Dichlorobenzene
 Concen: 48.740 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VY001773.D
 Acq: 26 Feb 2020 10:12

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	230320		
111	40.9	20.4	61.3	
148	64.0	31.6	94.7	





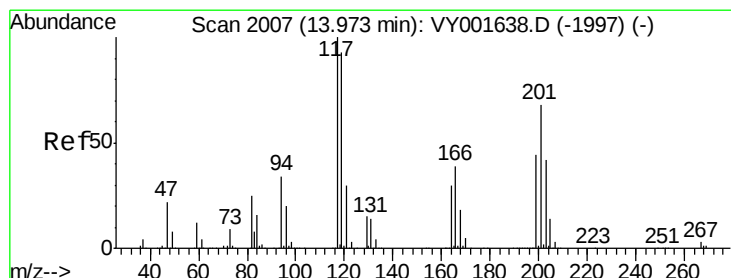
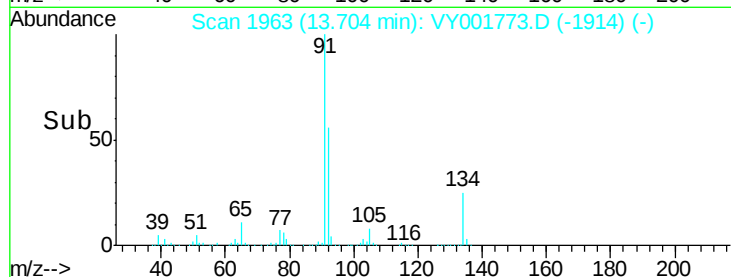
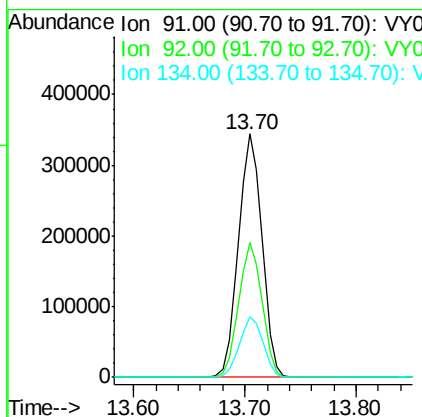
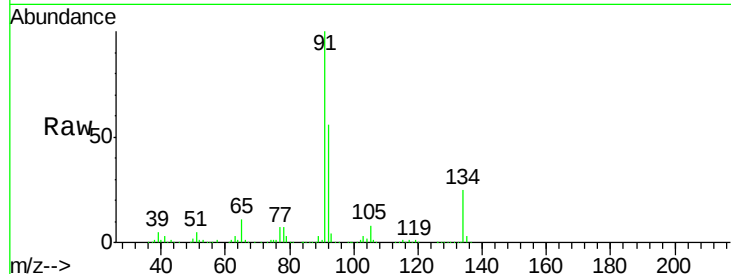
#89
n-Butylbenzene
Concen: 50.135 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VY001773.D
Acq: 26 Feb 2020 10:12

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.7	27.5	82.4
134	25.0	12.4	37.4

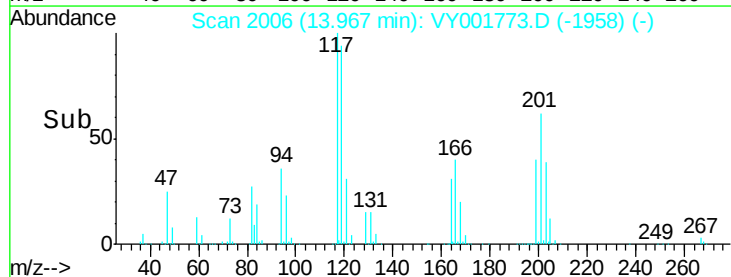
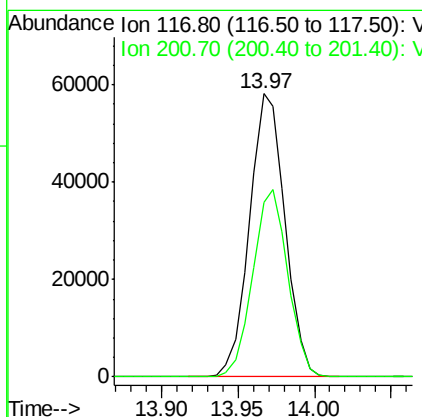
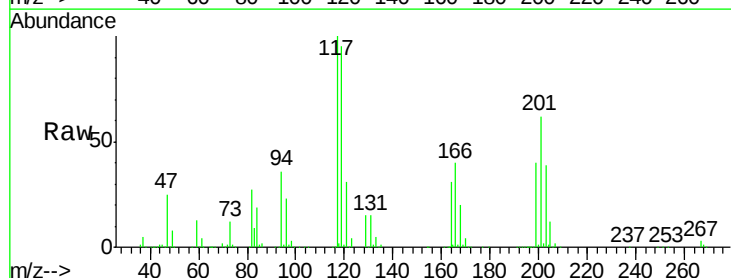
Manual Integrations
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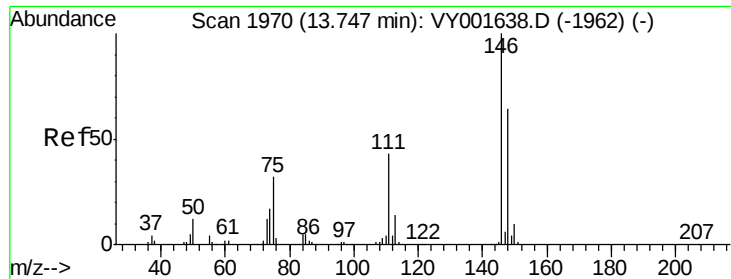
MMDadoda
2/27/2020 10:45:52 AM



#90
Hexachloroethane
Concen: 50.517 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. -0.01 min
Lab File: VY001773.D
Acq: 26 Feb 2020 10:12

Tgt Ion	Ratio	Lower	Upper
117	100		
201	65.6	32.5	97.4





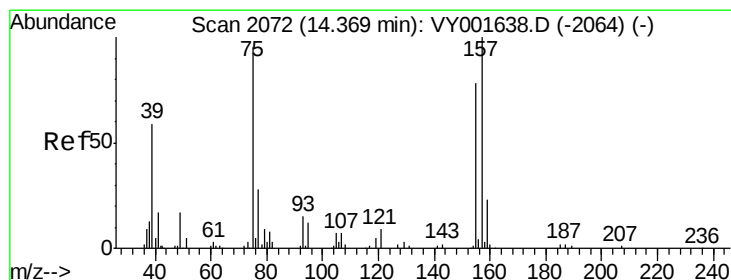
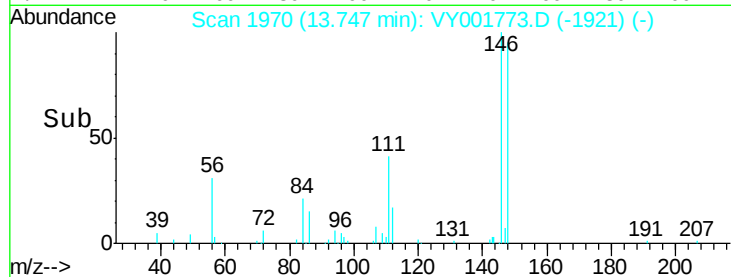
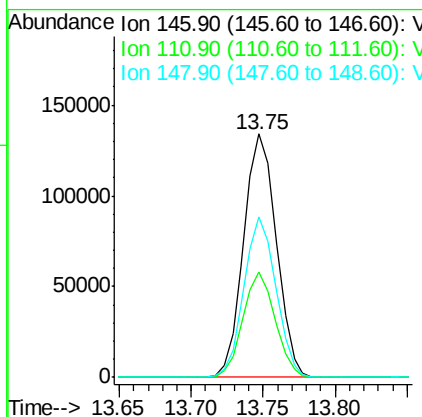
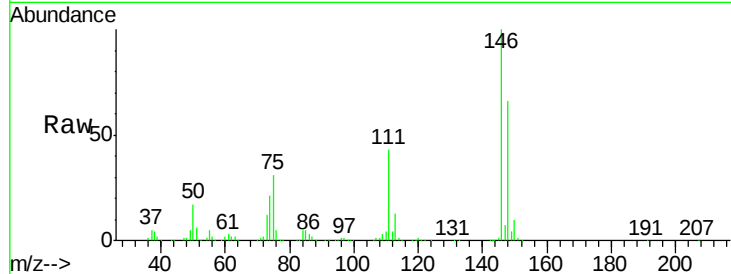
#91
 1,2-Dichlorobenzene
 Concen: 48.845 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. -0.00 min
 Lab File: VY001773.D
 Acq: 26 Feb 2020 10:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.6	21.9	65.7
148	64.5	31.5	94.5

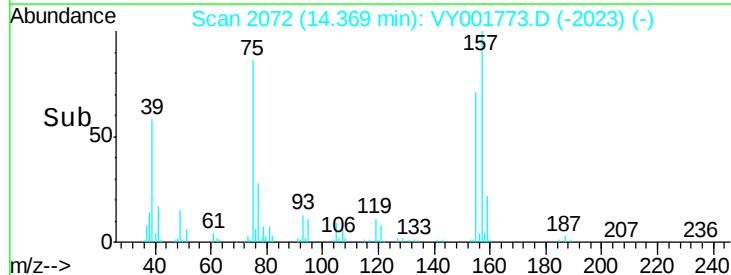
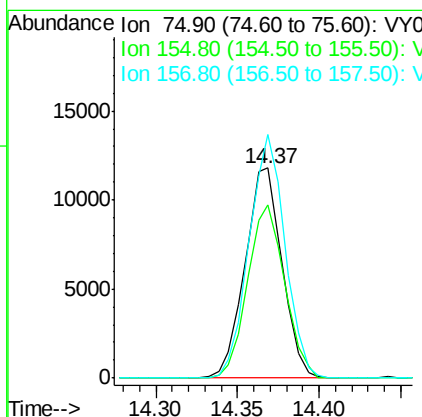
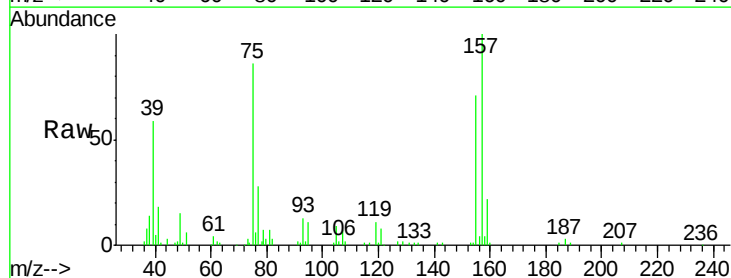
Manual Integrations
 APPROVED

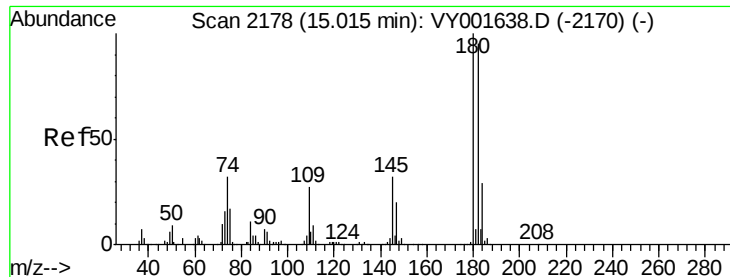
MMDadoda
 2/27/2020 10:45:52 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.555 ug/l
 RT: 14.37 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VY001773.D
 Acq: 26 Feb 2020 10:12

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.3	40.8	122.4
157	112.3	52.1	156.4





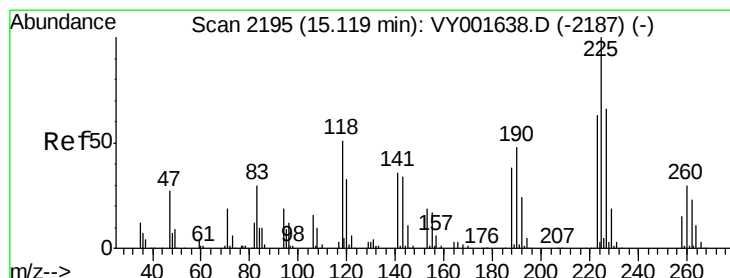
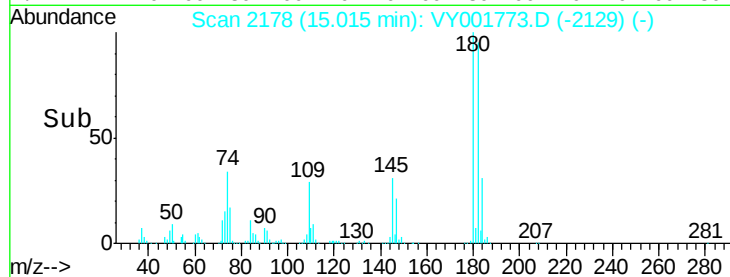
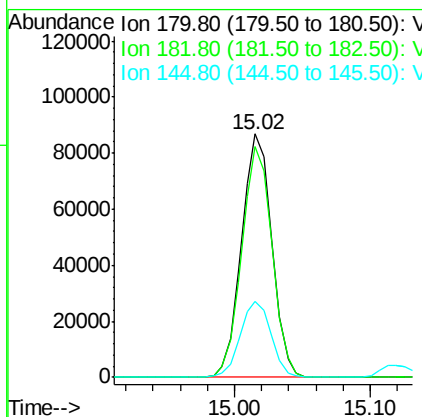
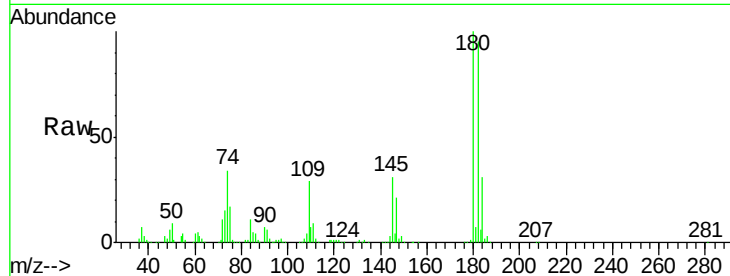
#93
 1,2,4-Trichlorobenzene
 Concen: 47.406 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. -0.00 min
 Lab File: VY001773.D
 Acq: 26 Feb 2020 10:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	135531		
182	94.6	46.8	140.3	
145	31.6	16.2	48.5	

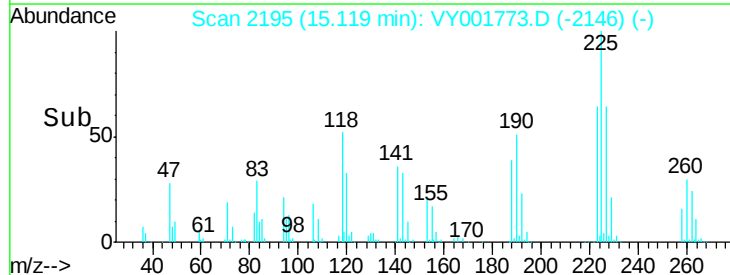
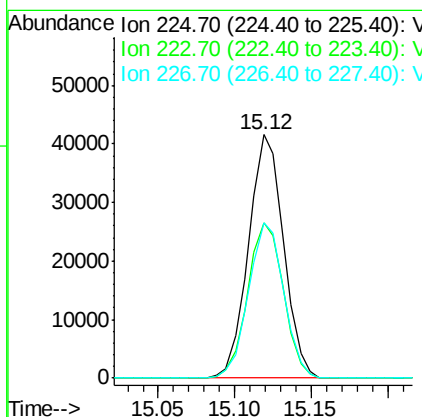
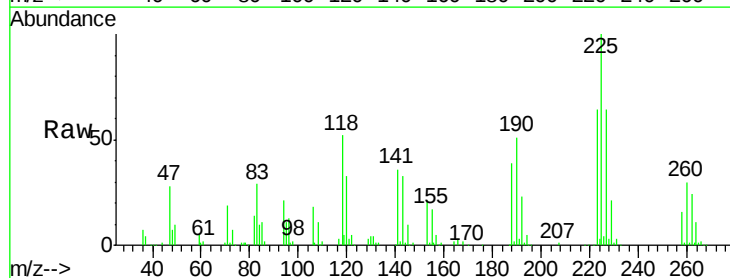
Manual Integrations
 APPROVED

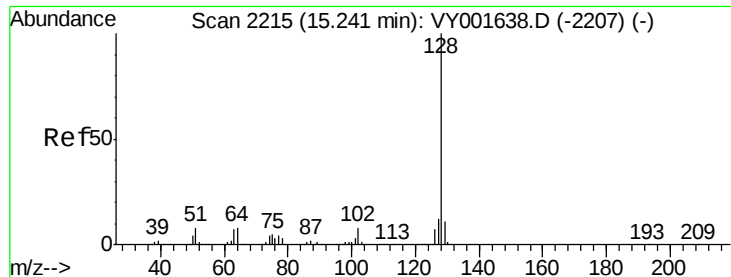
MMDadoda
 2/27/2020 10:45:52 AM



#94
 Hexachlorobutadiene
 Concen: 46.656 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. -0.00 min
 Lab File: VY001773.D
 Acq: 26 Feb 2020 10:12

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	66336		
223	65.1	31.4	94.0	
227	64.3	31.6	94.8	





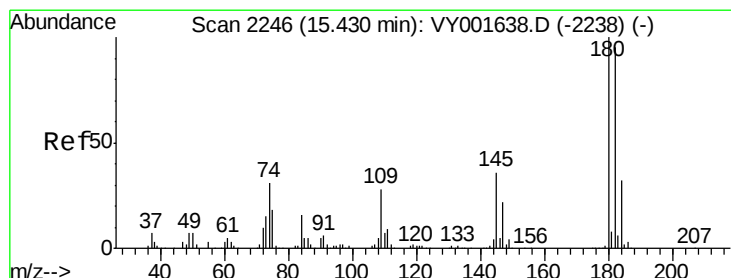
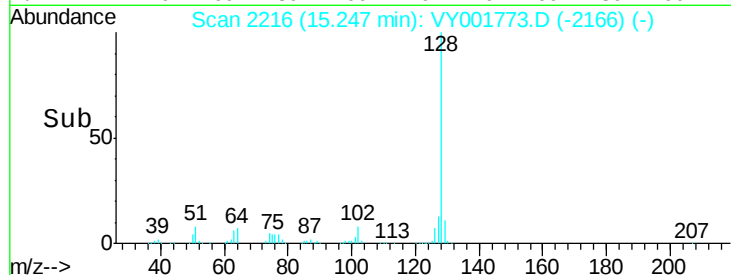
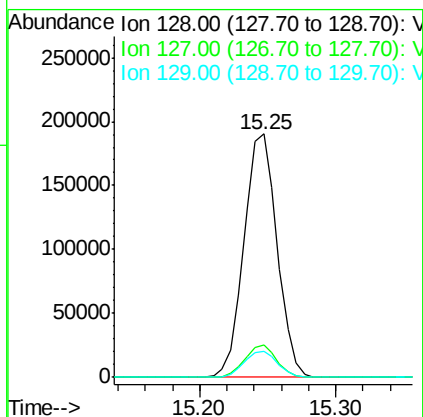
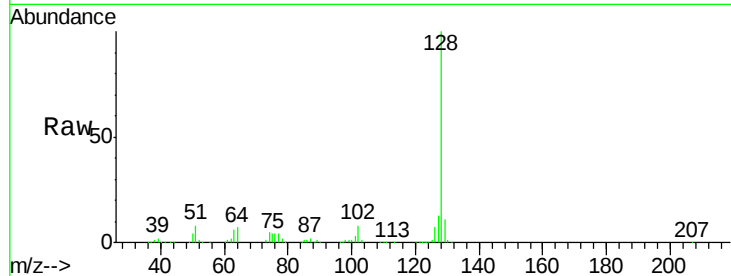
#95
Naphthalene
Concen: 49.158 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. 0.01 min
Lab File: VY001773.D
Acq: 26 Feb 2020 10:12

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	9.9	14.9
129	11.0	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
2/27/2020 10:45:52 AM



#96
1,2,3-Trichlorobenzene
Concen: 47.951 ug/l
RT: 15.44 min Scan# 2247
Delta R.T. 0.01 min
Lab File: VY001773.D
Acq: 26 Feb 2020 10:12

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	47.2	141.6
145	34.1	17.3	52.0

