

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY091919\
 Data File : VY000070.D
 Acq On : 19 Sep 2019 12:05
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.00ml/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/24/2019 5:30:33 AM

Quant Time: Sep 20 02:03:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 19 05:38:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	111617	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	214672	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	183531	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	81719	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	61816	48.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.28%	
35) Dibromofluoromethane	7.72	113	59196	45.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.08%	
50) Toluene-d8	10.18	98	246099	48.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.42%	
62) 4-Bromofluorobenzene	12.48	95	86029	45.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	35878	46.248	ug/l	99
3) Chloromethane	2.11	50	45391	44.062	ug/l	93
4) Vinyl Chloride	2.25	62	51402	41.272	ug/l	93
5) Bromomethane	2.64	94	33614	42.816	ug/l	99
6) Chloroethane	2.79	64	35527	42.556	ug/l	94
7) Trichlorofluoromethane	3.12	101	74005	42.976	ug/l	88
8) Diethyl Ether	3.53	74	33436	45.348	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.90	101	53719	45.471	ug/l	98
10) Methyl Iodide	4.09	142	57085	46.465	ug/l	98
11) Tert butyl alcohol	4.96	59	35282	231.755	ug/l	99
12) 1,1-Dichloroethene	3.87	96	47206	43.345	ug/l	94
13) Acrolein	3.73	56	12330	149.763	ug/l	93
14) Allyl chloride	4.48	41	76044	45.685	ug/l	99
15) Acrylonitrile	5.17	53	103149	233.298	ug/l	99
16) Acetone	3.95	43	68766	229.990	ug/l	87
17) Carbon Disulfide	4.19	76	86372	44.712	ug/l	100
18) Methyl Acetate	4.48	43	44627	44.675	ug/l	95
19) Methyl tert-butyl Ether	5.23	73	162107	47.631	ug/l	97
20) Methylene Chloride	4.71	84	62432	44.387	ug/l	99
21) trans-1,2-Dichloroethene	5.22	96	52690	43.523	ug/l	98
22) Diisopropyl ether	6.12	45	178352	47.425	ug/l	97
23) Vinyl Acetate	6.06	43	611851	243.088	ug/l	95
24) 1,1-Dichloroethane	6.02	63	103008	46.277	ug/l	98
25) 2-Butanone	6.99	43	125055	230.917	ug/l	92
26) 2,2-Dichloropropane	6.99	77	90481	43.073	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	70909	46.261	ug/l	98
28) Bromochloromethane	7.34	49	52233	50.625	ug/l	95
29) Tetrahydrofuran	7.35	42	78339	240.961	ug/l	95
30) Chloroform	7.51	83	106837	46.510	ug/l	100
31) Cyclohexane	7.78	56	77241	48.794	ug/l	94
32) 1,1,1-Trichloroethane	7.71	97	87013	46.636	ug/l	98
36) 1,1-Dichloropropene	7.92	75	72289	45.035	ug/l	98
37) Ethyl Acetate	7.07	43	51353	47.996	ug/l	98
38) Carbon Tetrachloride	7.90	117	72071	47.573	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	86929	44.043	ug/l	96
40) Benzene	8.16	78	240146	45.297	ug/l	97
41) Methacrylonitrile	7.32	41	25744m	34.159	ug/l	
42) 1,2-Dichloroethane	8.24	62	65342	46.530	ug/l	99
43) Isopropyl Acetate	8.27	43	100394	47.978	ug/l	98
44) Trichloroethene	8.94	130	62402	46.073	ug/l	96
45) 1,2-Dichloropropane	9.22	63	61595	44.850	ug/l	99
46) Dibromomethane	9.31	93	34213	45.608	ug/l	100
47) Bromodichloromethane	9.50	83	86296	47.407	ug/l	99
48) Methyl methacrylate	9.29	41	43908	47.712	ug/l	99
49) 1,4-Dioxane	9.29	88	12492	857.702	ug/l #	88
51) 4-Methyl-2-Pentanone	10.07	43	279013	244.215	ug/l	97
52) Toluene	10.24	92	154385	45.834	ug/l	100
53) t-1,3-Dichloropropene	10.46	75	89012	46.119	ug/l	96
54) cis-1,3-Dichloropropene	9.93	75	104788	47.015	ug/l	95
55) 1,1,2-Trichloroethane	10.65	97	56514	48.053	ug/l	95
56) Ethyl methacrylate	10.51	69	79720	47.636	ug/l	97
57) 1,3-Dichloropropane	10.79	76	90317	45.717	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.79	63	228276	252.336	ug/l	99
59) 2-Hexanone	10.84	43	205697	252.369	ug/l	99
60) Dibromochloromethane	10.99	129	60225	48.880	ug/l	96
61) 1,2-Dibromoethane	11.09	107	51279	47.736	ug/l	97
64) Tetrachloroethene	10.72	164	54642	47.436	ug/l	97
65) Chlorobenzene	11.52	112	170194	46.882	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	60623	49.389	ug/l	97
67) Ethyl Benzene	11.59	91	298339	46.049	ug/l	99
68) m/p-Xylenes	11.70	106	230843	93.640	ug/l	97
69) o-Xylene	12.03	106	112780	47.248	ug/l	98
70) Styrene	12.04	104	200981	47.962	ug/l	99
71) Bromoform	12.21	173	36757	51.727	ug/l #	100
73) Isopropylbenzene	12.33	105	298823	45.374	ug/l	99
74) N-amyl acetate	12.15	43	91544	48.793	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.58	83	71549	46.153	ug/l	97
76) 1,2,3-Trichloropropane	12.63	75	46028m	40.032	ug/l	
77) Bromobenzene	12.60	156	65734	47.801	ug/l	96
78) n-propylbenzene	12.67	91	366981	45.682	ug/l	99
79) 2-Chlorotoluene	12.76	91	205791	45.822	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	248643	45.578	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	26998	45.160	ug/l	92
82) 4-Chlorotoluene	12.85	91	216451	46.609	ug/l	100
83) tert-Butylbenzene	13.07	119	219180	46.960	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	248487	46.201	ug/l	98
85) sec-Butylbenzene	13.25	105	313541	45.469	ug/l	99
86) p-Isopropyltoluene	13.37	119	271875	46.513	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	128095	46.957	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	131389	47.932	ug/l	98
89) n-Butylbenzene	13.69	91	281359	46.791	ug/l	99
90) Hexachloroethane	13.96	117	55244	48.096	ug/l	97
91) 1,2-Dichlorobenzene	13.74	146	122114	47.646	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	13677	49.551	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	78815	50.963	ug/l	95
94) Hexachlorobutadiene	15.11	225	36355	48.962	ug/l	96
95) Naphthalene	15.24	128	204883	46.668	ug/l	99
96) 1,2,3-Trichlorobenzene	15.43	180	71303	48.311	ug/l	98

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

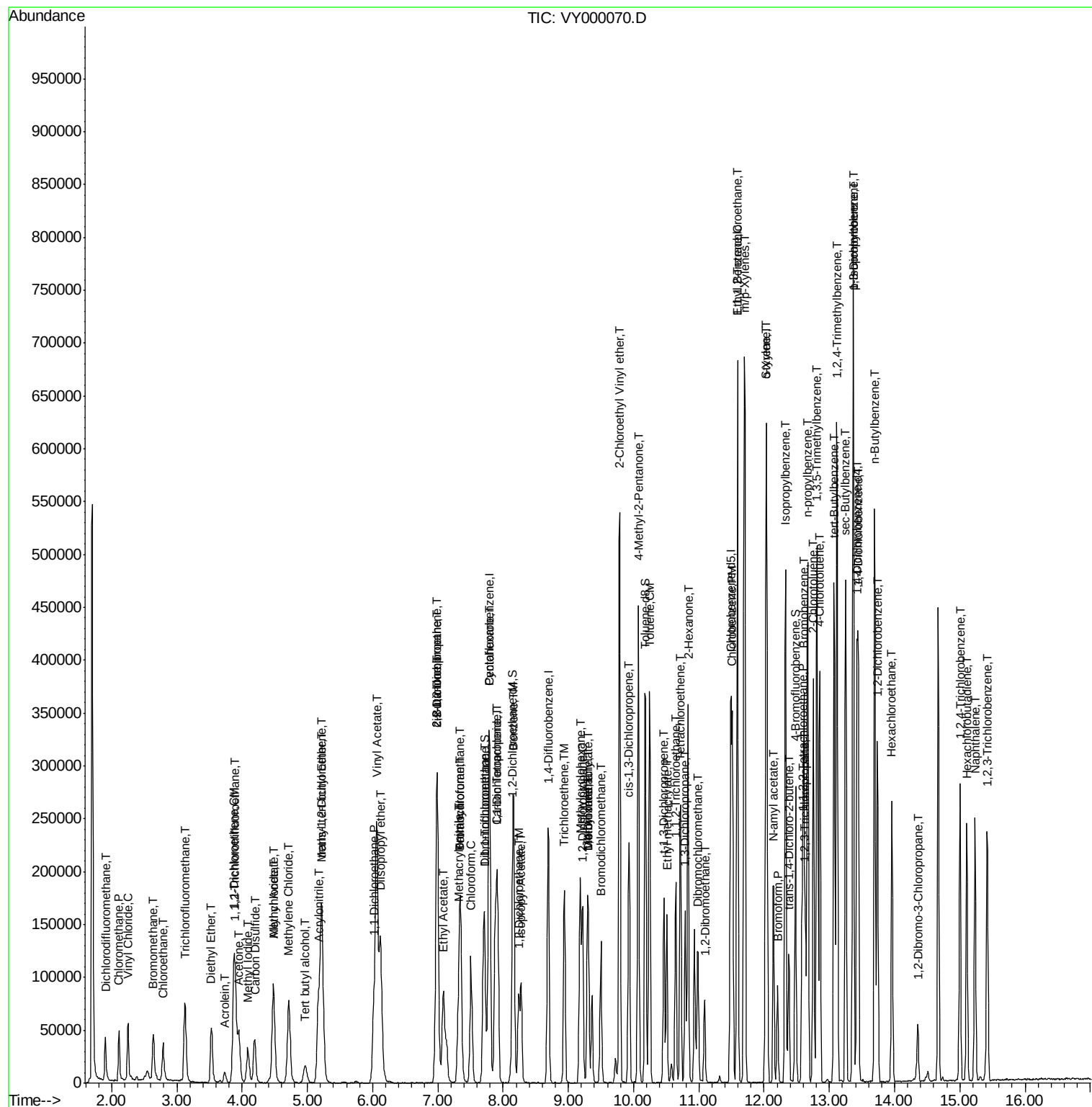
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY091919\
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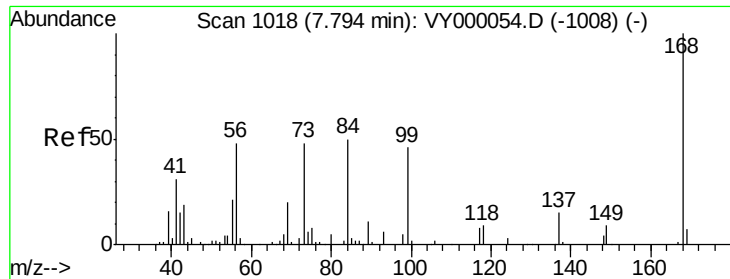
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.79 min Scan# 1018

Delta R.T. -0.00 min

Lab File: VY000070.D

Acq: 19 Sep 2019 12:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 111617

Ion Ratio Lower Upper

168 100

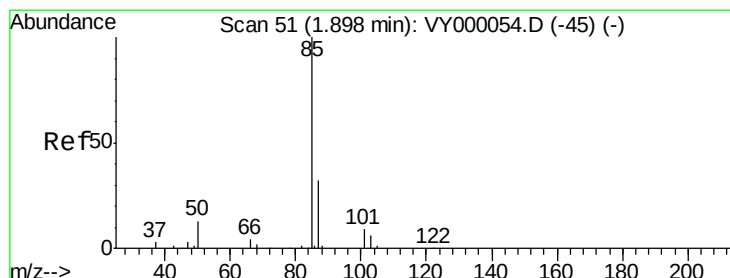
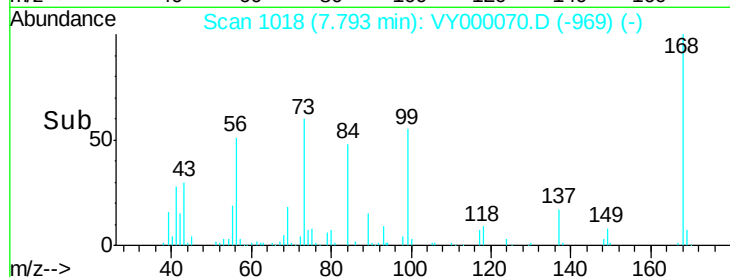
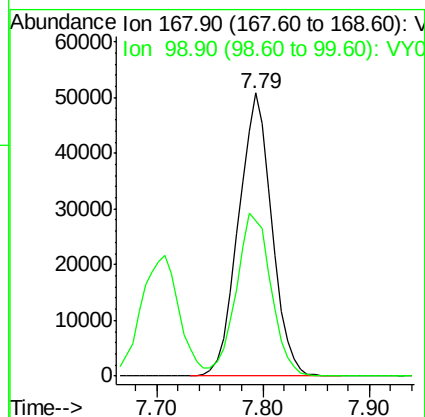
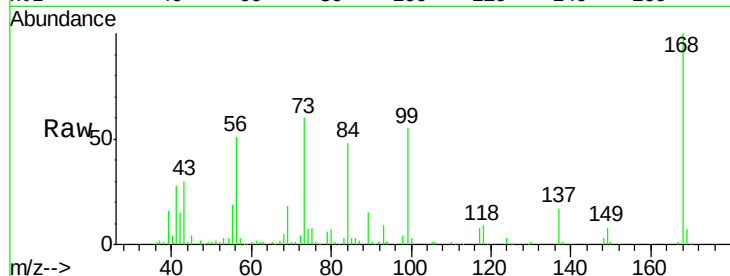
99 55.1 44.2 66.2

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 46.248 ug/l

RT: 1.90 min Scan# 52

Delta R.T. 0.01 min

Lab File: VY000070.D

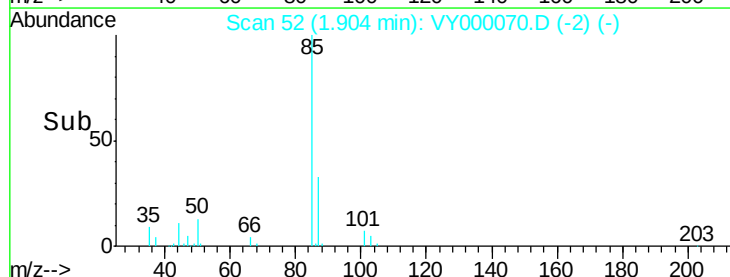
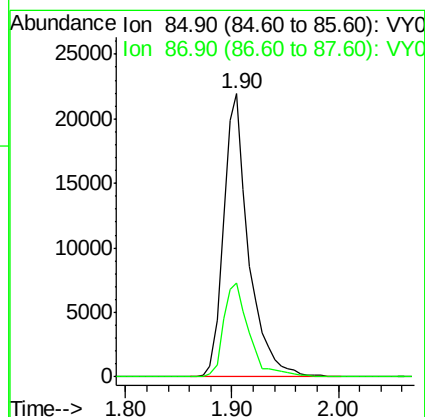
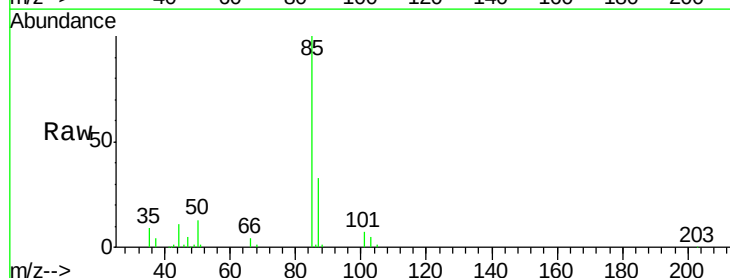
Acq: 19 Sep 2019 12:05

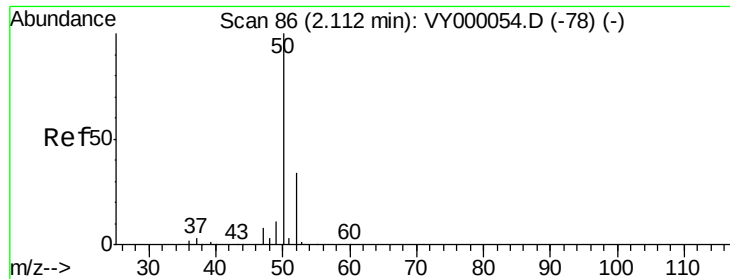
Tgt Ion: 85 Resp: 35878

Ion Ratio Lower Upper

85 100

87 33.1 16.2 48.5





#3

Chloromethane

Concen: 44.062 ug/l

RT: 2.11 min Scan# 86

Delta R.T. 0.00 min

Lab File: VY000070.D

Acq: 19 Sep 2019 12:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 45391

Ion Ratio Lower Upper

50 100

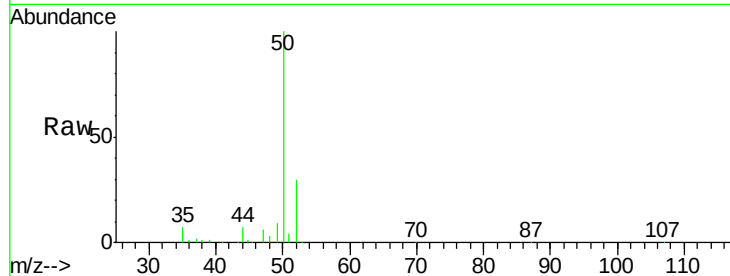
52 30.1 27.3 40.9

Manual Integrations

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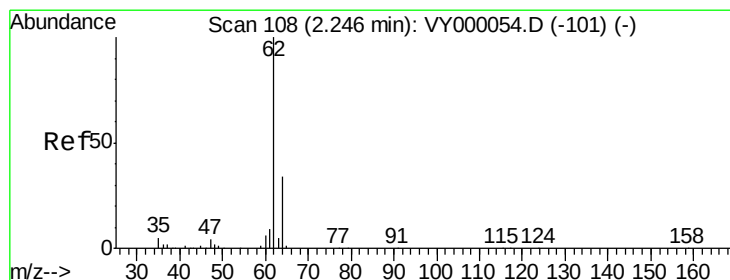
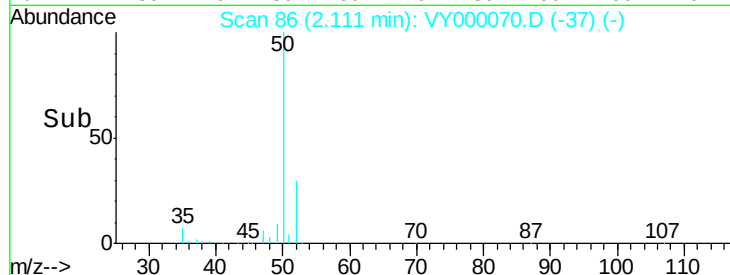
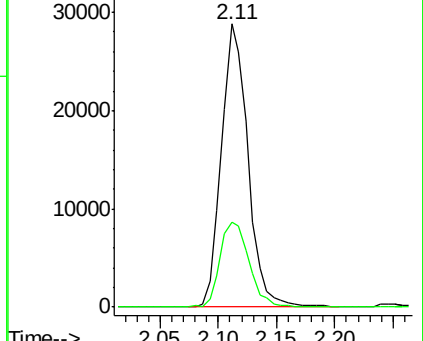
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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 41.272 ug/l

RT: 2.25 min Scan# 108

Delta R.T. -0.00 min

Lab File: VY000070.D

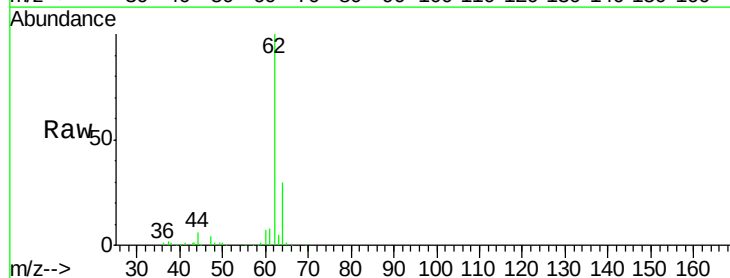
Acq: 19 Sep 2019 12:05

Tgt Ion: 62 Resp: 51402

Ion Ratio Lower Upper

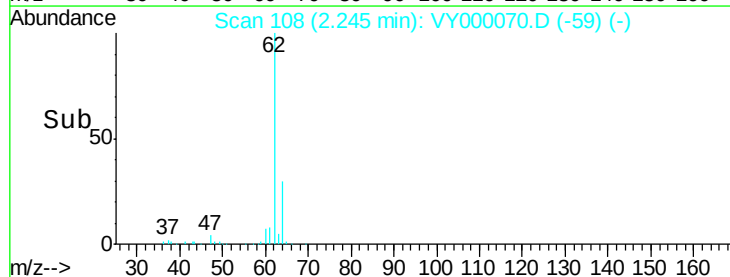
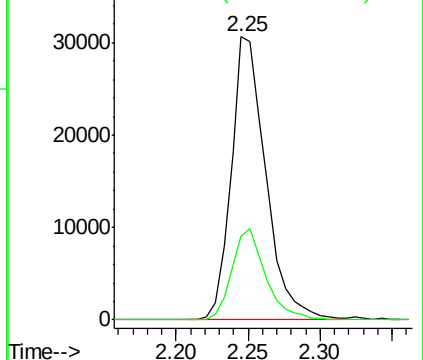
62 100

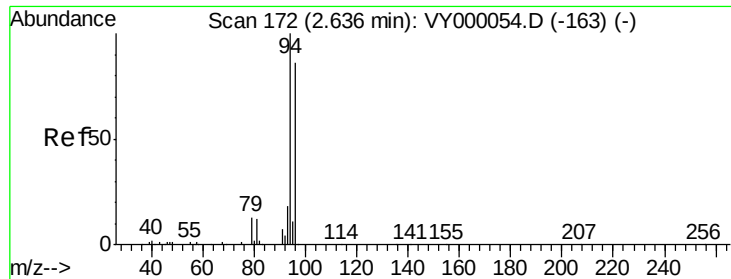
64 29.7 26.9 40.3



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 42.816 ug/l

RT: 2.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VY000070.D

Acq: 19 Sep 2019 12:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 33614

Ion Ratio Lower Upper

94 100

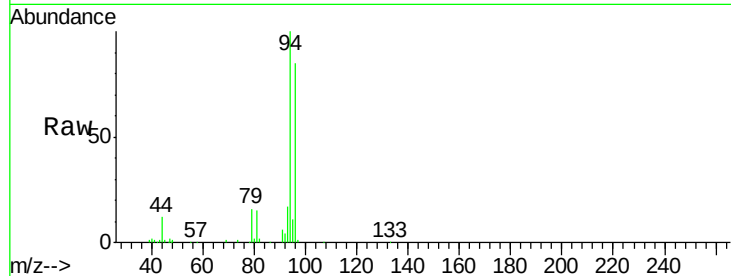
96 85.4 69.1 103.7

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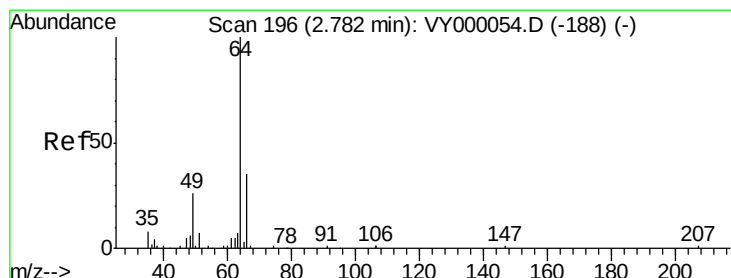
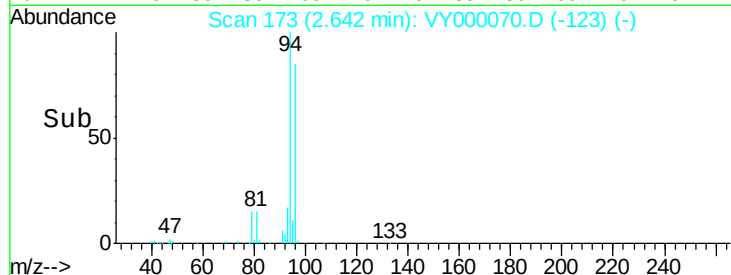
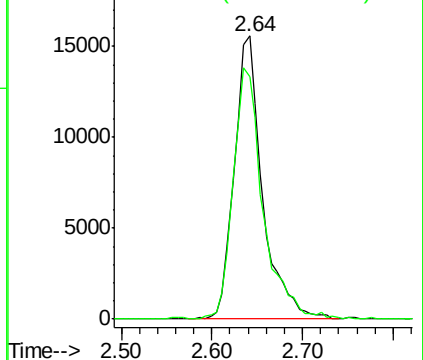
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 42.556 ug/l

RT: 2.79 min Scan# 197

Delta R.T. 0.01 min

Lab File: VY000070.D

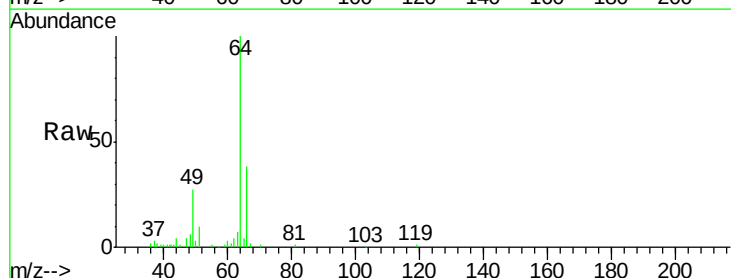
Acq: 19 Sep 2019 12:05

Tgt Ion: 64 Resp: 35527

Ion Ratio Lower Upper

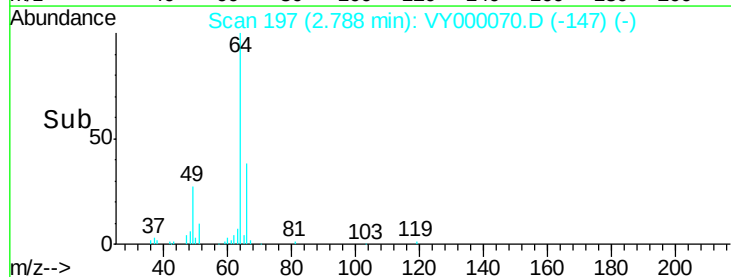
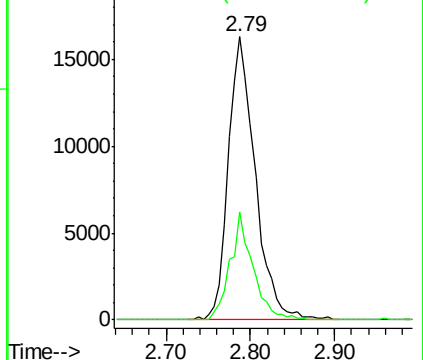
64 100

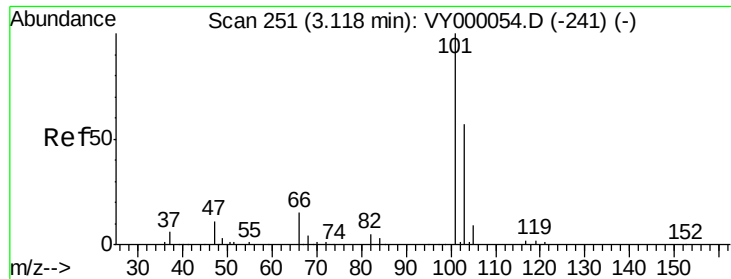
66 38.1 27.7 41.5



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

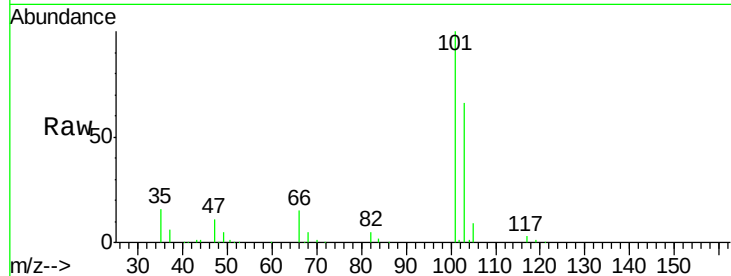
Trichlorofluoromethane
Concen: 42.976 ug/l
RT: 3.12 min Scan# 252
Delta R.T. 0.01 min
Lab File: VY000070.D
Acq: 19 Sep 2019 12:05

Instrument :
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ClientSampleId :
VSTDCCC050

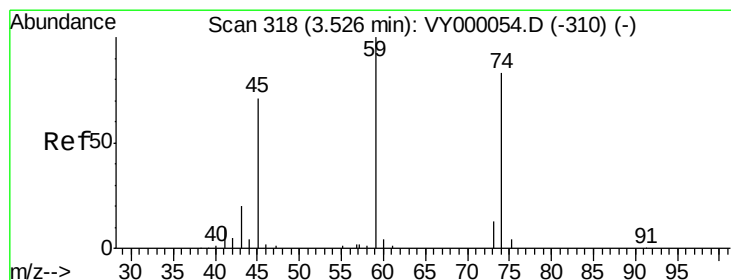
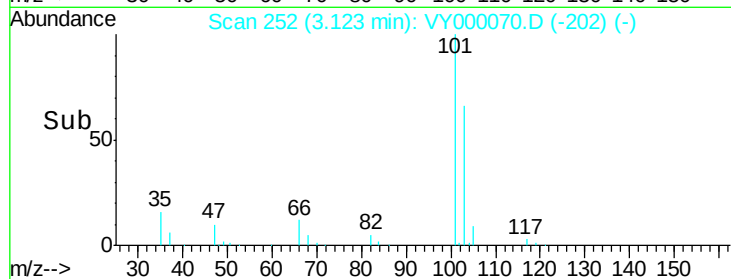
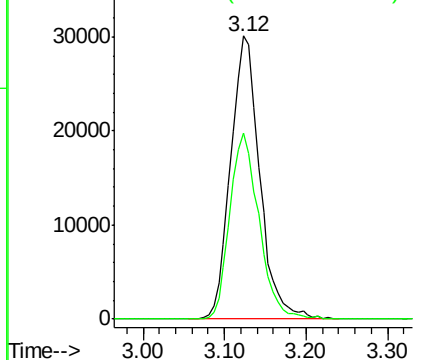
Tot Ion	Ratio	Lower	Upper
101	100		
103	65.6	45.7	68.5

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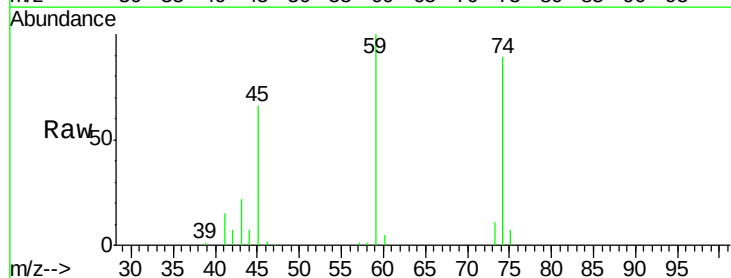
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



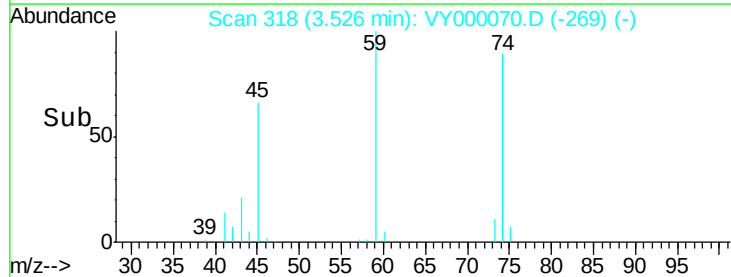
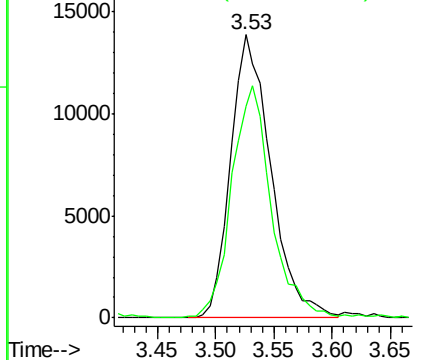
#8

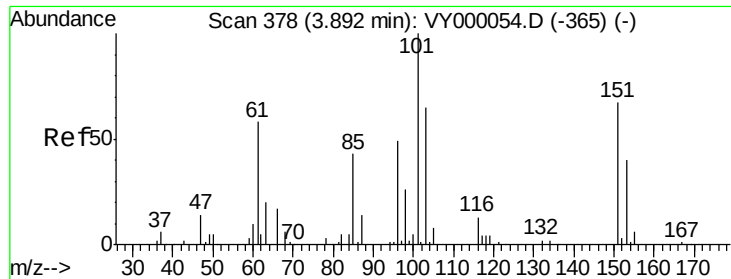
Diethyl Ether
Concen: 45.348 ug/l
RT: 3.53 min Scan# 318
Delta R.T. -0.00 min
Lab File: VY000070.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	80.7	40.6	122.0



Abundance Ion 74.00 (73.70 to 74.70): VY0
Ion 45.00 (44.70 to 45.70): VY0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.471 ug/l

RT: 3.90 min Scan# 379

Delta R.T. 0.01 min

Lab File: VY000070.D

Acq: 19 Sep 2019 12:05

Instrument :

MSVOA_Y

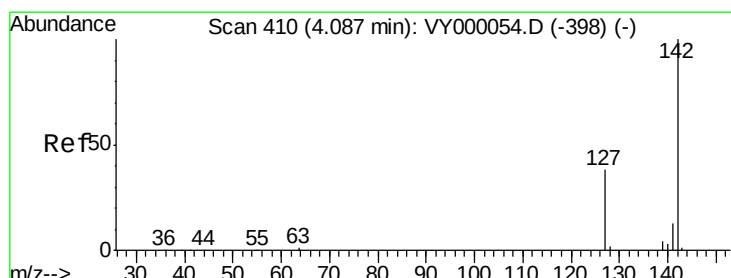
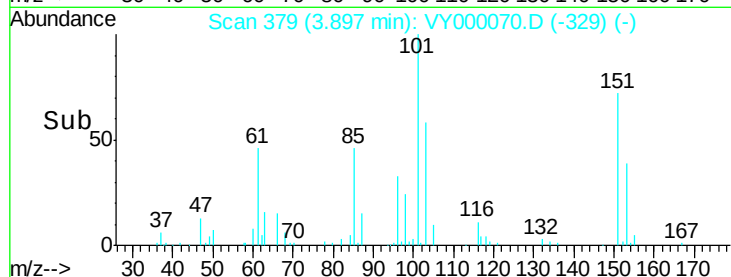
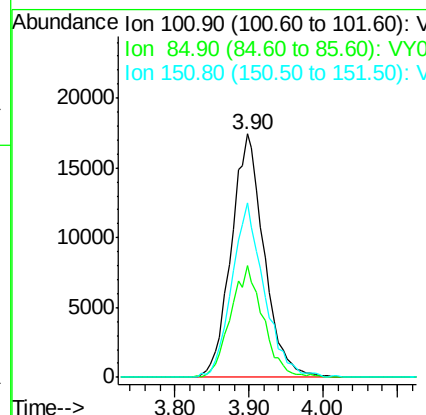
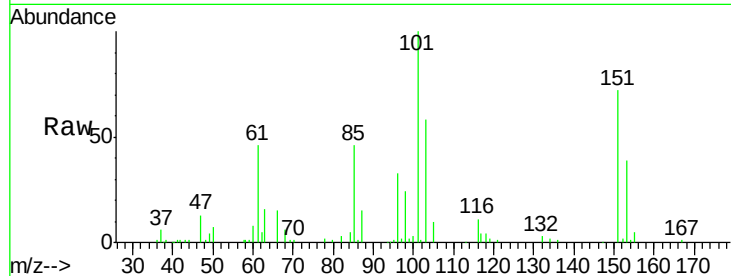
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	53719
Ion Ratio	Lower	Upper	
101	100		
85	45.3	36.8	55.2
151	70.7	54.4	81.6

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#10

Methyl Iodide

Concen: 46.465 ug/l

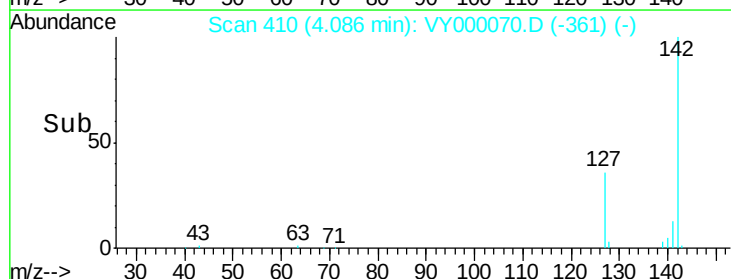
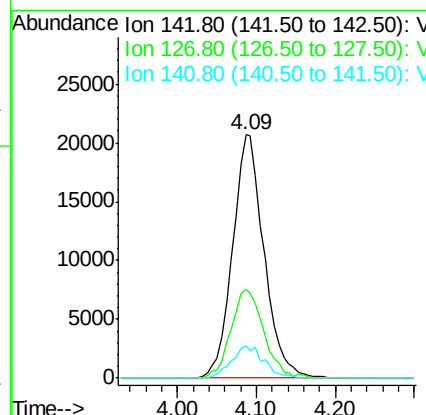
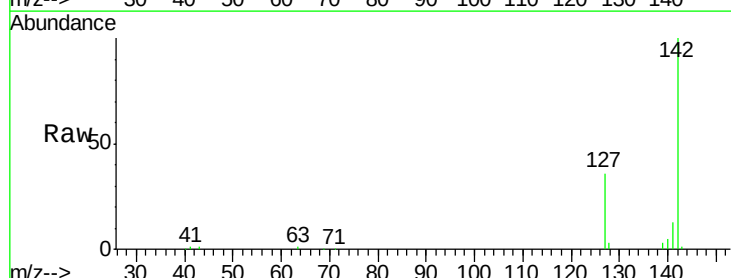
RT: 4.09 min Scan# 410

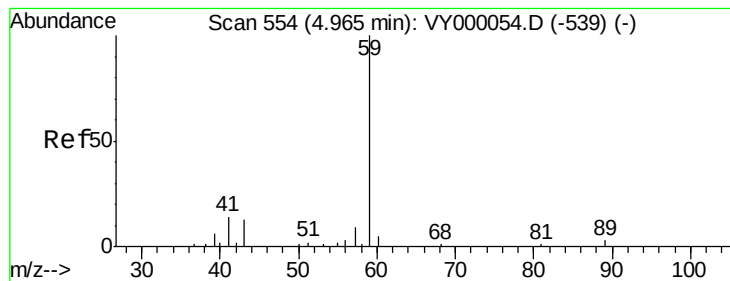
Delta R.T. -0.00 min

Lab File: VY000070.D

Acq: 19 Sep 2019 12:05

Tgt Ion:	142	Resp:	57085
Ion Ratio	Lower	Upper	
142	100		
127	38.3	31.6	47.4
141	13.7	10.9	16.3





#11

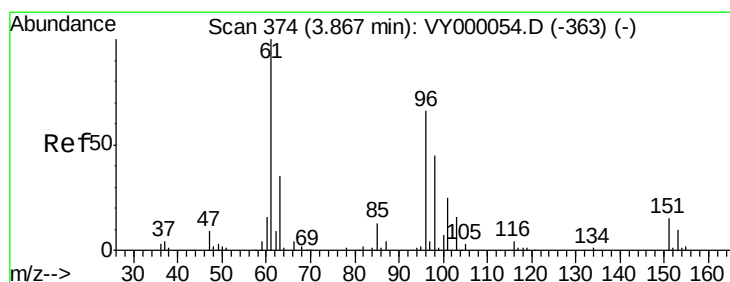
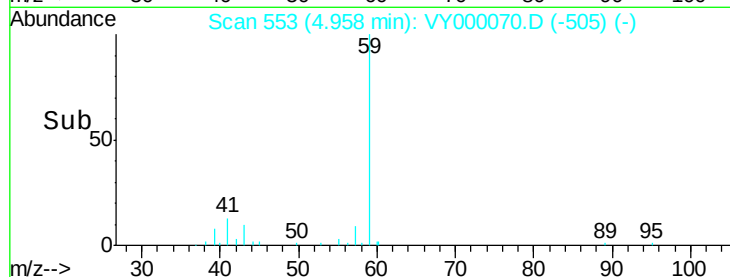
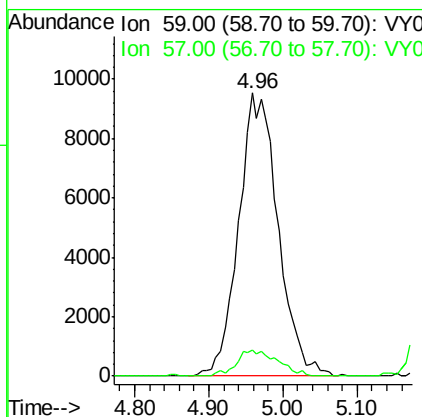
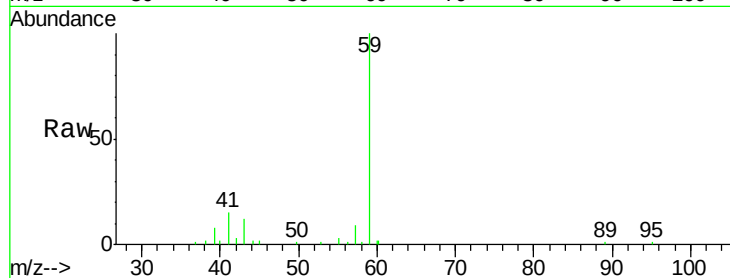
Tert butyl alcohol
Concen: 231.755 ug/l
RT: 4.96 min Scan# 553
Delta R.T. -0.01 min
Lab File: VY000070.D
Acq: 19 Sep 2019 12:05

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.7	8.0	12.0

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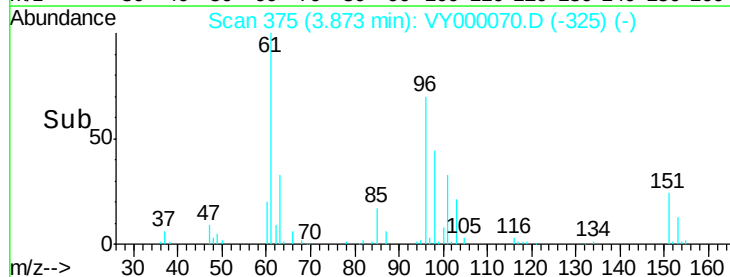
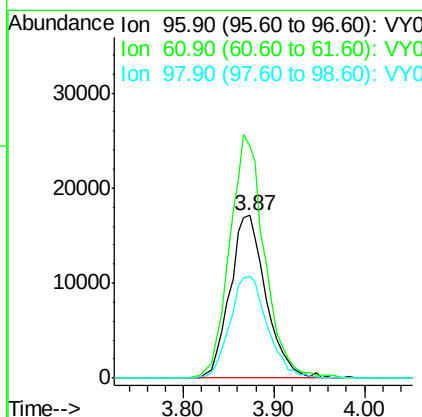
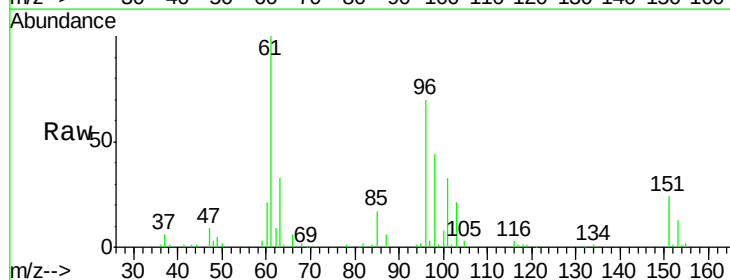
MMDadoda
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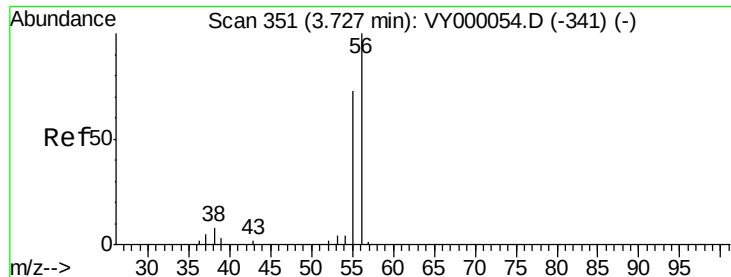


#12

1,1-Dichloroethene
Concen: 43.345 ug/l
RT: 3.87 min Scan# 375
Delta R.T. 0.01 min
Lab File: VY000070.D
Acq: 19 Sep 2019 12:05

Tgt Ion	Ratio	Lower	Upper
96	100		
61	142.7	120.4	180.6
98	62.2	54.1	81.1





#13

Acrolein

Concen: 149.763 ug/l

RT: 3.73 min Scan# 352

Delta R.T. 0.01 min

Lab File: VY000070.D

Acq: 19 Sep 2019 12:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 12330

Ion Ratio Lower Upper

56 100

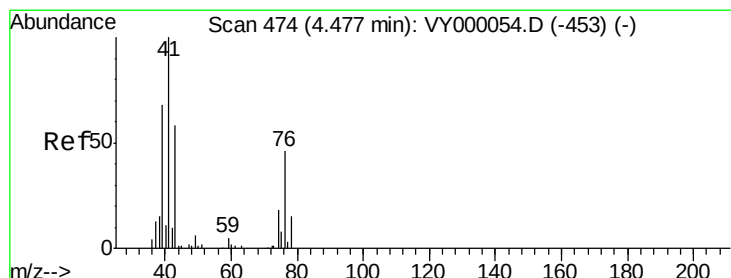
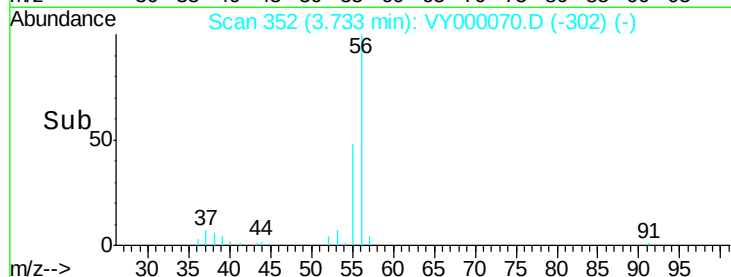
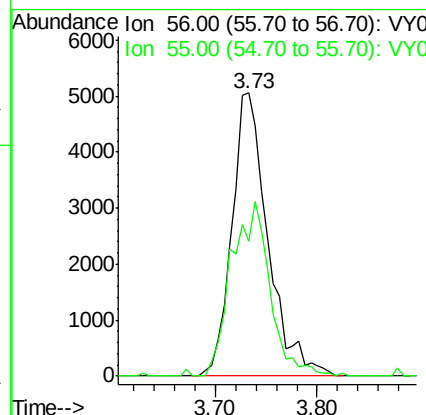
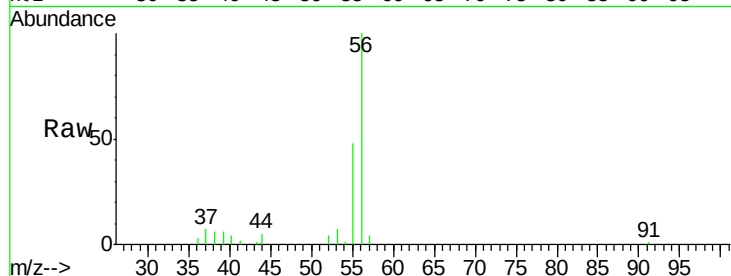
55 66.5 57.8 86.8

Manual Integrations

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#14

Allyl chloride

Concen: 45.685 ug/l

RT: 4.48 min Scan# 474

Delta R.T. -0.00 min

Lab File: VY000070.D

Acq: 19 Sep 2019 12:05

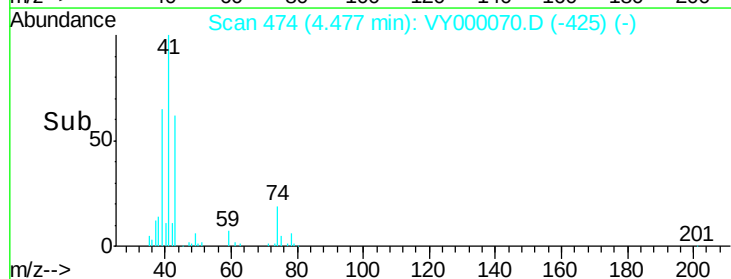
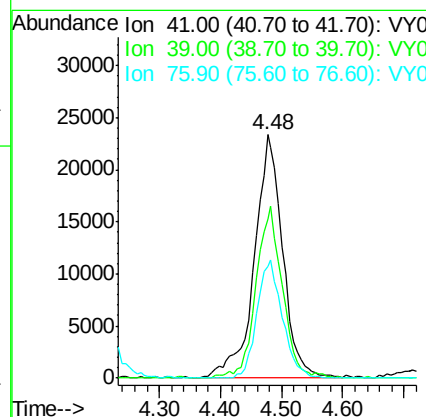
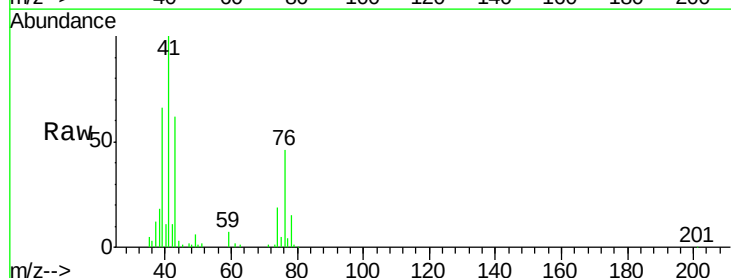
Tgt Ion: 41 Resp: 76044

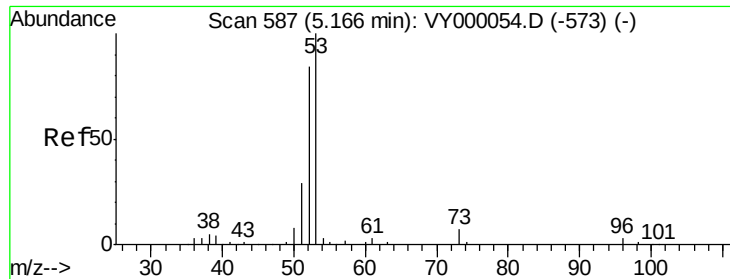
Ion Ratio Lower Upper

41 100

39 65.0 52.7 79.1

76 43.5 35.5 53.3





#15

Acrylonitrile

Concen: 233.298 ug/l

RT: 5.17 min Scan# 588

Delta R.T. 0.01 min

Lab File: VY000070.D

Acq: 19 Sep 2019 12:05

Instrument :

MSVOA_Y

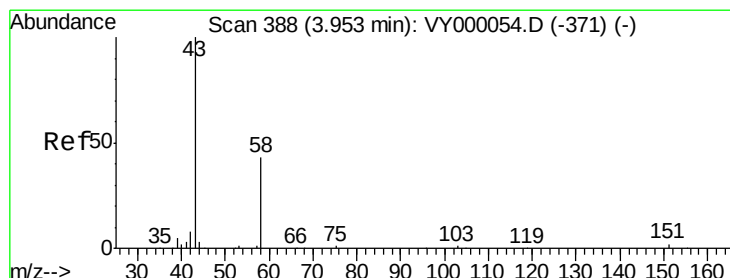
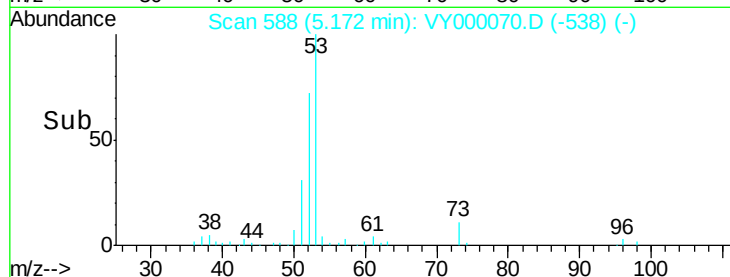
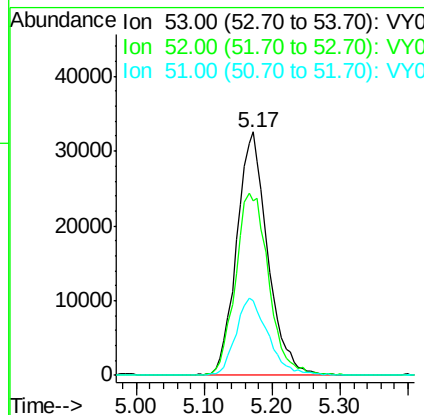
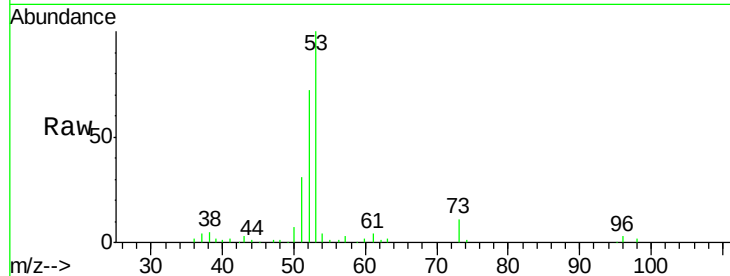
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	103149
Ion Ratio	Lower	Upper	
53	100		
52	79.9	64.7	97.1
51	33.3	26.7	40.1

Manual Integrations
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#16

Acetone

Concen: 229.990 ug/l

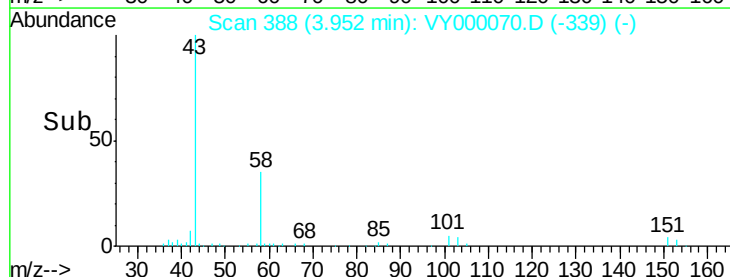
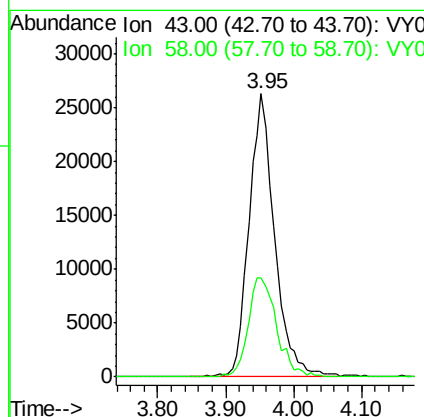
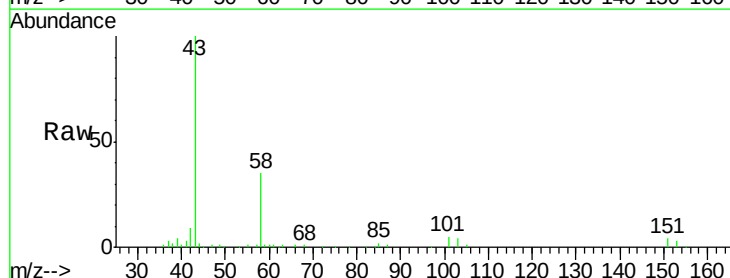
RT: 3.95 min Scan# 388

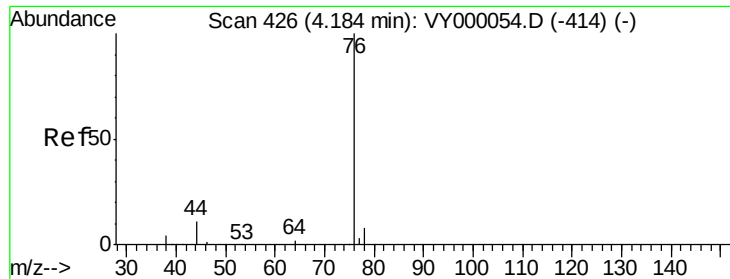
Delta R.T. -0.00 min

Lab File: VY000070.D

Acq: 19 Sep 2019 12:05

Tgt Ion:	43	Resp:	68766
Ion Ratio	Lower	Upper	
43	100		
58	34.8	34.5	51.7





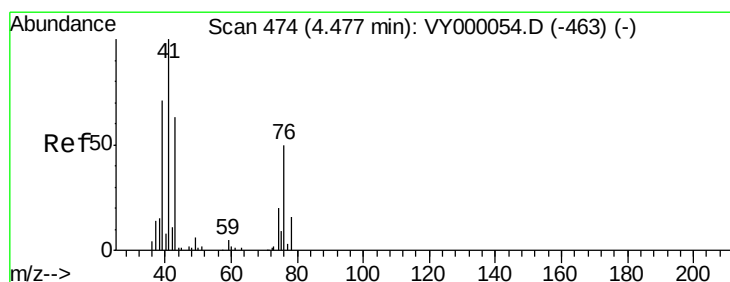
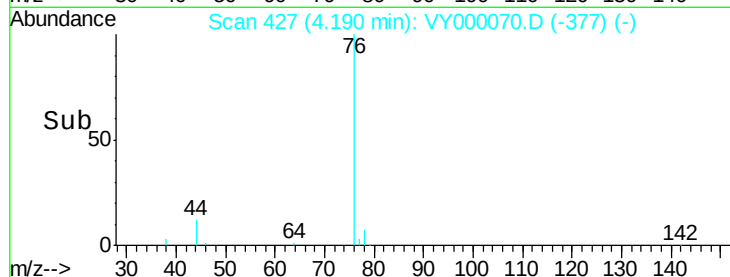
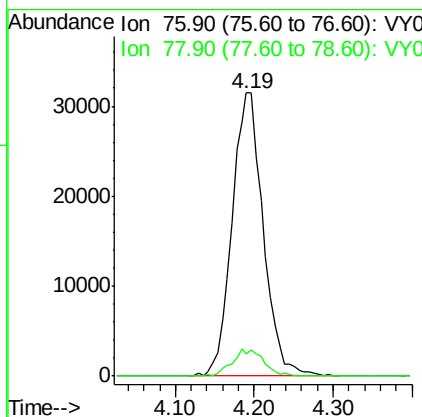
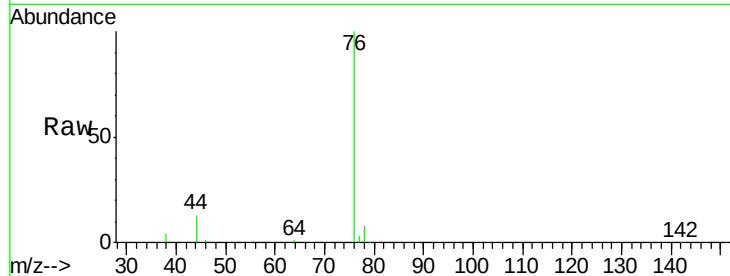
#17
Carbon Disulfide
Concen: 44.712 ug/l
RT: 4.19 min Scan# 427
Delta R.T. 0.01 min
Lab File: VY000070.D
Acq: 19 Sep 2019 12:05

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.1	6.6	9.8

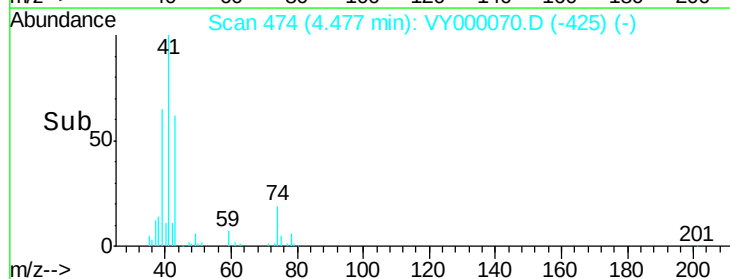
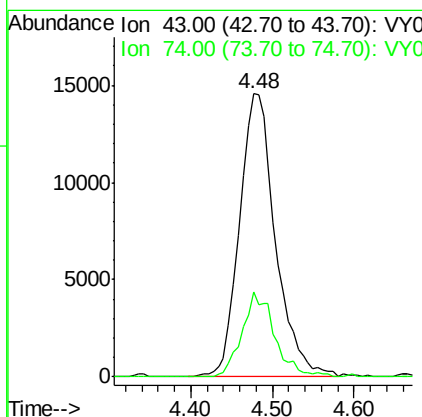
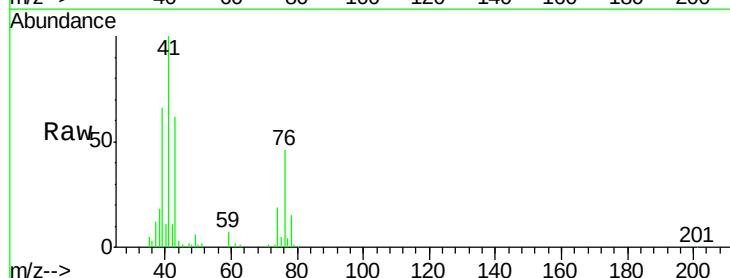
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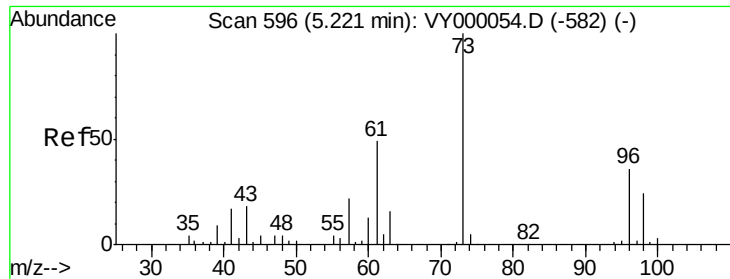
MMDadoda
9/24/2019 5:30:33 AM



#18
Methyl Acetate
Concen: 44.675 ug/l
RT: 4.48 min Scan# 474
Delta R.T. -0.00 min
Lab File: VY000070.D
Acq: 19 Sep 2019 12:05

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.2	24.1	36.1





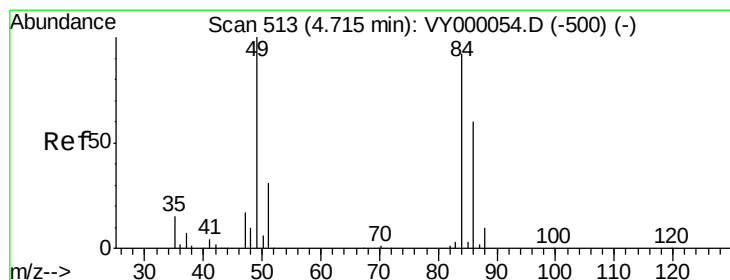
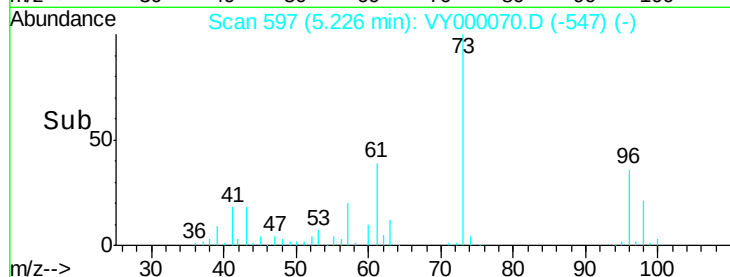
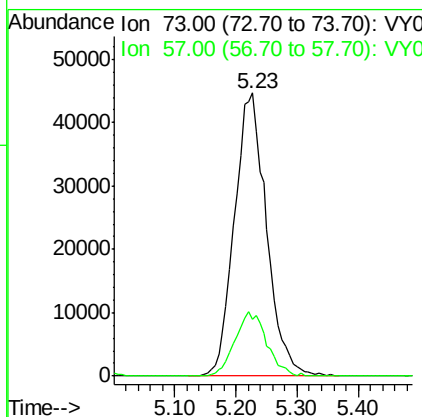
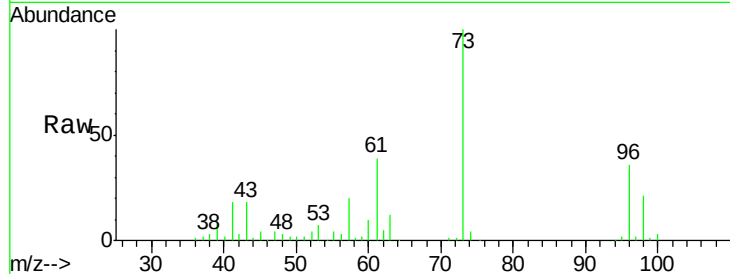
#19
Methyl tert-butyl Ether
Concen: 47.631 ug/l
RT: 5.23 min Scan# 597
Delta R.T. 0.01 min
Lab File: VY000070.D
Acq: 19 Sep 2019 12:05

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	73	Resp	162107
Ion Ratio	100	Lower	Upper
57	20.2	17.5	26.3

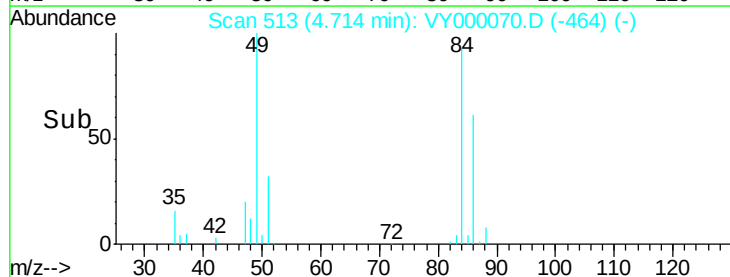
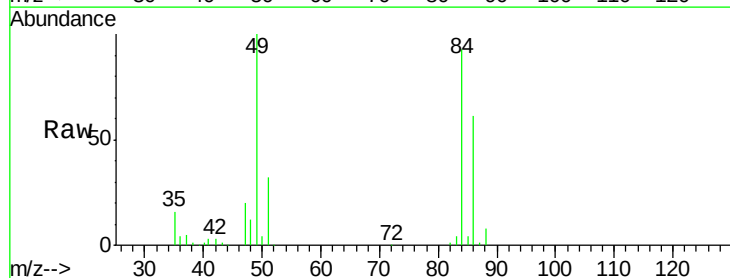
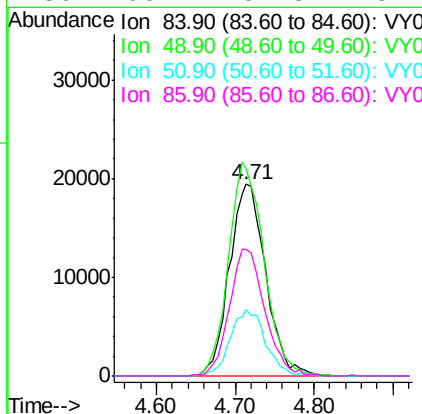
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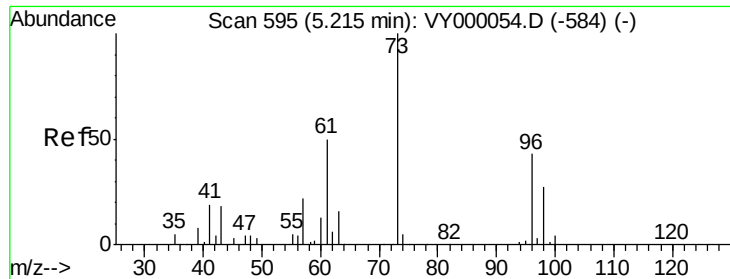
MMDadoda
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#20
Methylene Chloride
Concen: 44.387 ug/l
RT: 4.71 min Scan# 513
Delta R.T. -0.00 min
Lab File: VY000070.D
Acq: 19 Sep 2019 12:05

Tgt Ion	84	Resp	62432
Ion Ratio	100	Lower	Upper
49	108.1	87.4	131.0
51	34.7	27.2	40.8
86	66.1	52.8	79.2





#21

trans-1,2-Dichloroethene

Concen: 43.523 ug/l

RT: 5.22 min Scan# 596

Delta R.T. 0.01 min

Lab File: VY000070.D

Acq: 19 Sep 2019 12:05

Instrument :

MSVOA_Y

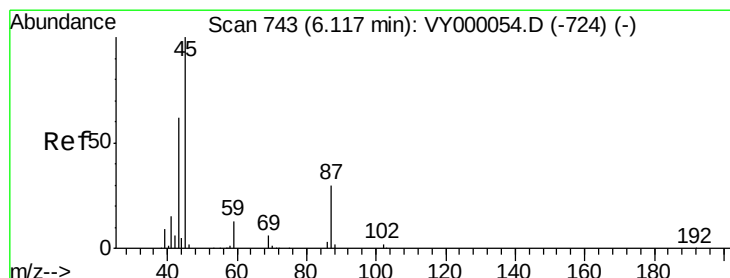
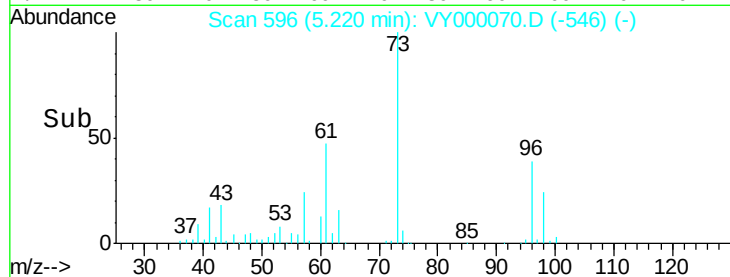
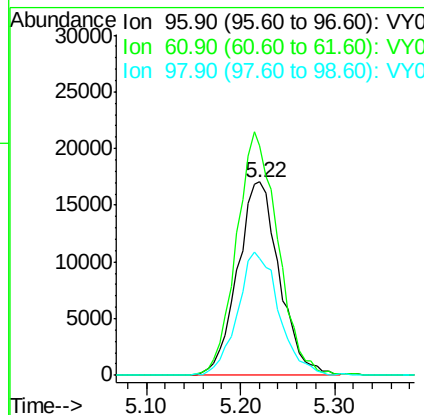
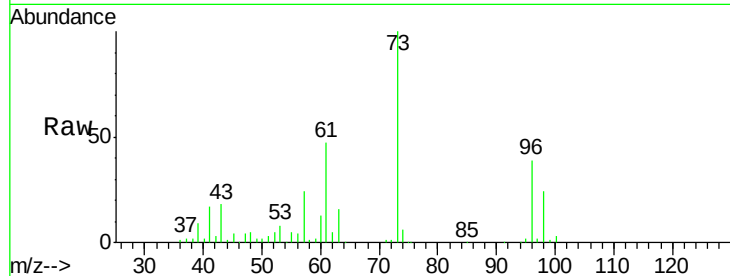
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	52690
Ion	Ratio	Lower	Upper
96	100		
61	118.0	94.0	141.0
98	60.2	50.3	75.5

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#22

Diisopropyl ether

Concen: 47.425 ug/l

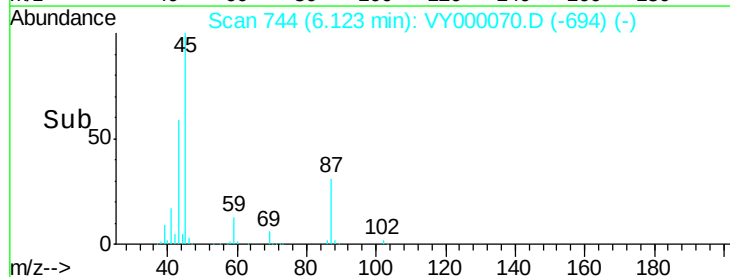
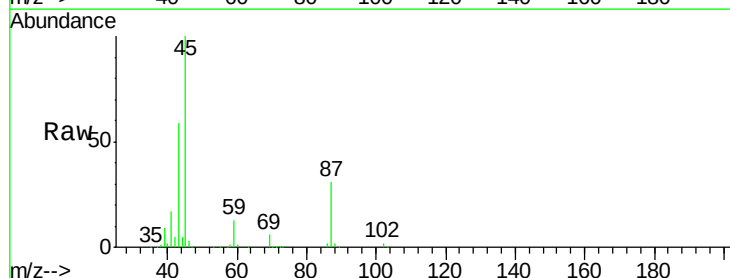
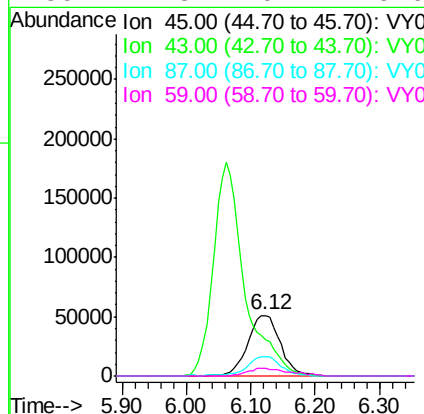
RT: 6.12 min Scan# 744

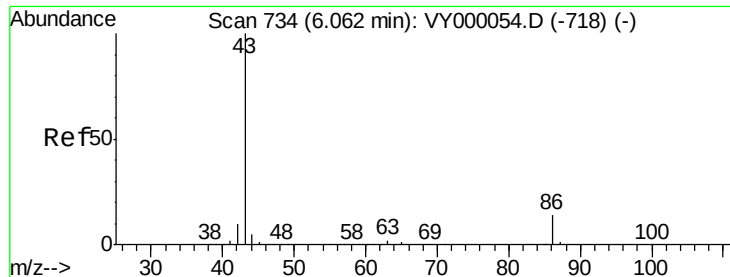
Delta R.T. 0.01 min

Lab File: VY000070.D

Acq: 19 Sep 2019 12:05

Tgt Ion:	45	Resp:	178352
Ion	Ratio	Lower	Upper
45	100		
43	58.7	49.9	74.9
87	31.5	25.0	37.4
59	12.3	10.4	15.6





#23

Vinyl Acetate

Concen: 243.088 ug/l

RT: 6.06 min Scan# 734

Delta R.T. -0.00 min

Lab File: VY000070.D

Acq: 19 Sep 2019 12:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 611851

Ion Ratio Lower Upper

43 100

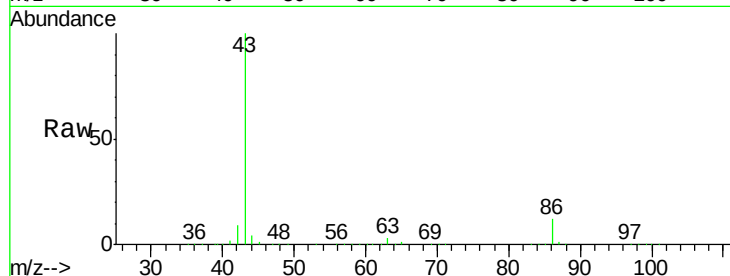
86 12.2 11.3 16.9

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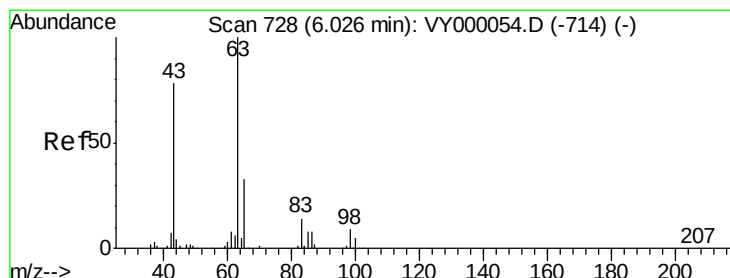
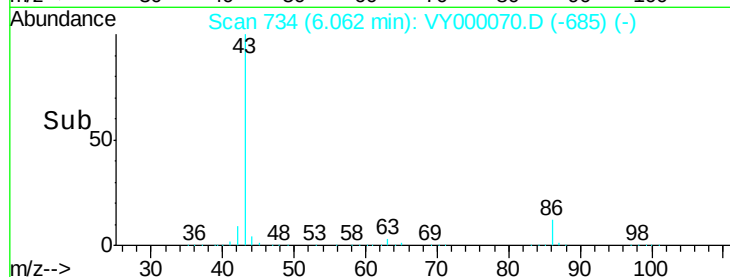
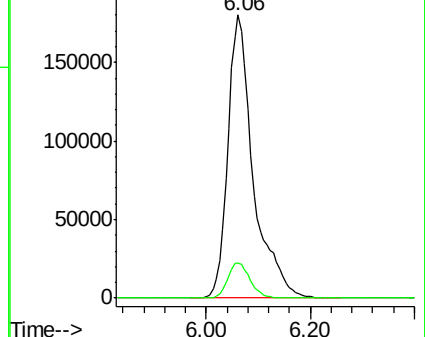
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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 46.277 ug/l

RT: 6.02 min Scan# 727

Delta R.T. -0.01 min

Lab File: VY000070.D

Acq: 19 Sep 2019 12:05

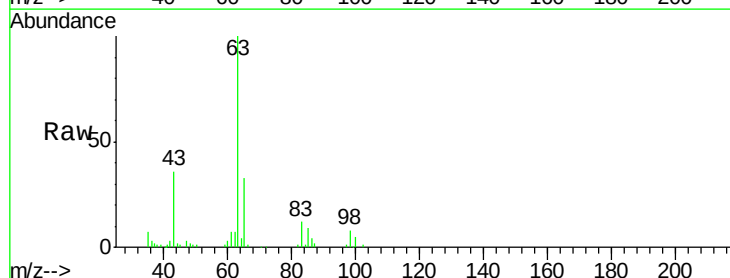
Tgt Ion: 63 Resp: 103008

Ion Ratio Lower Upper

63 100

98 7.7 4.5 13.5

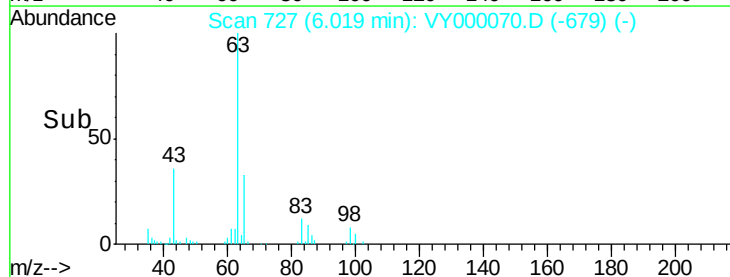
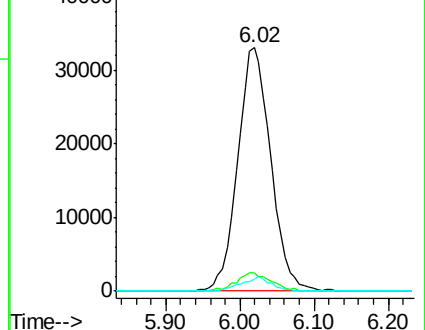
100 5.1 2.5 7.5

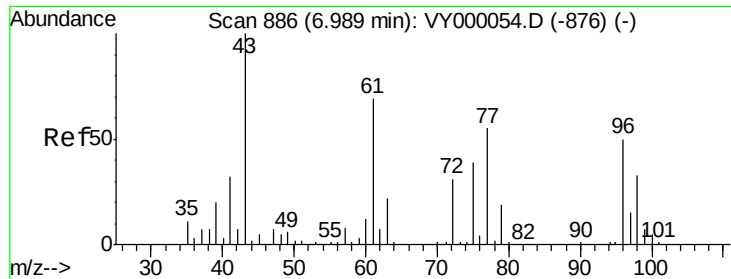


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 230.917 ug/l

RT: 6.99 min Scan# 887

Delta R.T. 0.01 min

Lab File: VY000070.D

Acq: 19 Sep 2019 12:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 125055

Ion Ratio Lower Upper

43 100

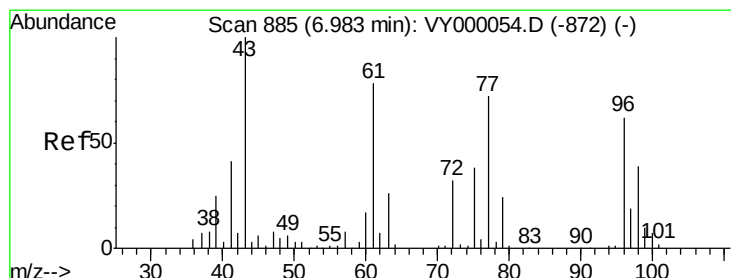
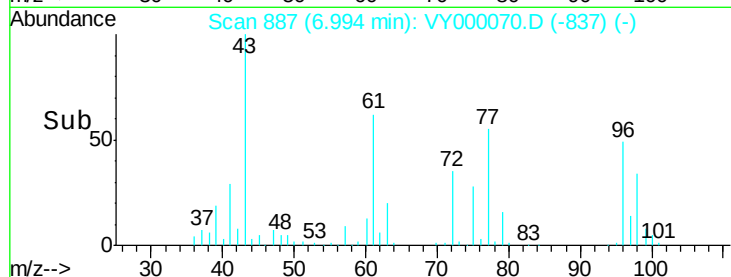
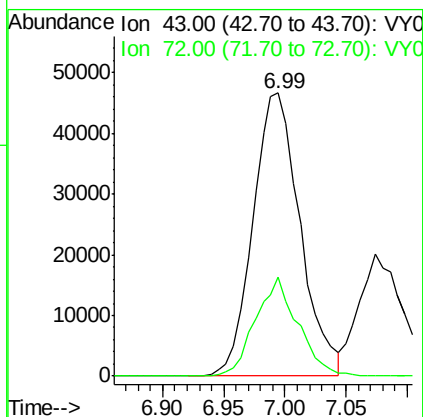
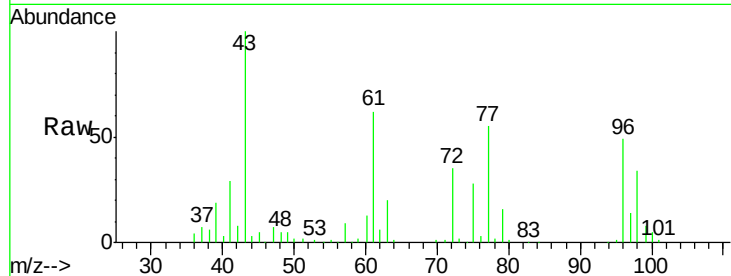
72 35.2 24.7 37.1

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 43.073 ug/l

RT: 6.99 min Scan# 886

Delta R.T. 0.01 min

Lab File: VY000070.D

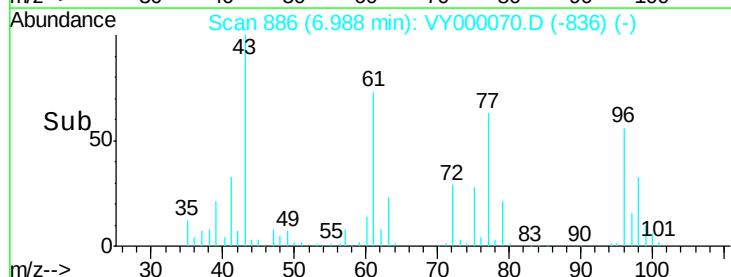
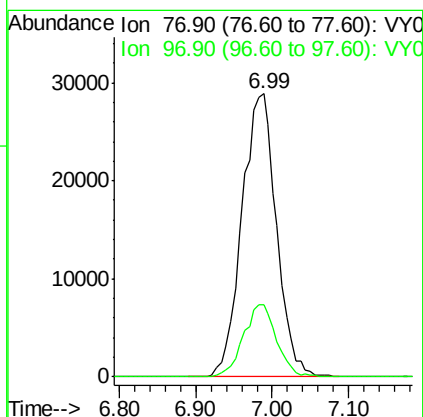
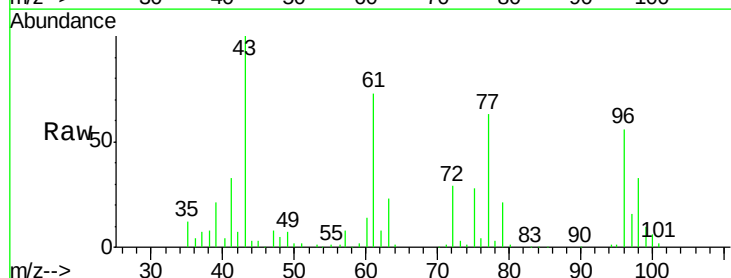
Acq: 19 Sep 2019 12:05

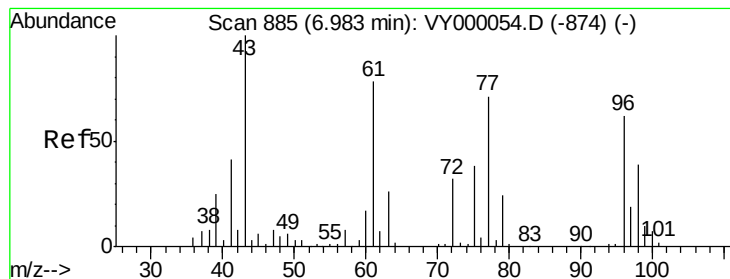
Tgt Ion: 77 Resp: 90481

Ion Ratio Lower Upper

77 100

97 24.6 12.5 37.5





#27

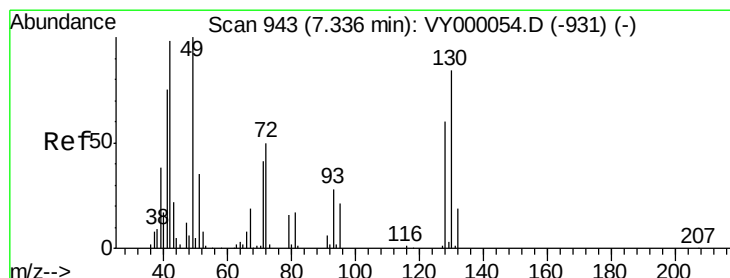
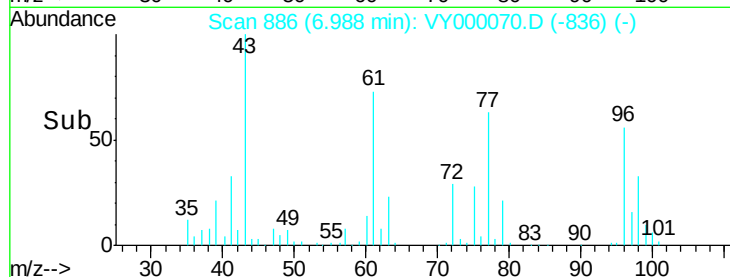
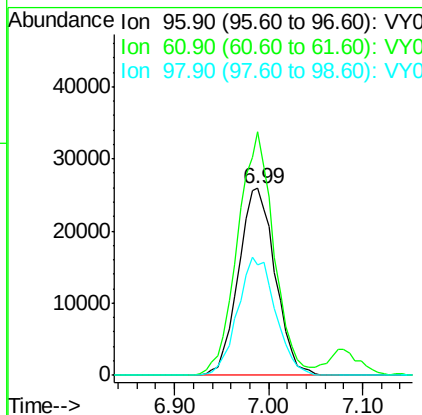
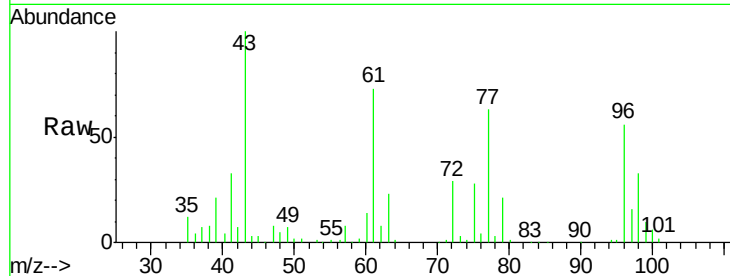
cis-1,2-Dichloroethene
 Concen: 46.261 ug/l
 RT: 6.99 min Scan# 886
 Delta R.T. 0.01 min
 Lab File: VY000070.D
 Acq: 19 Sep 2019 12:05

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	128.5	0.0	263.0
98	64.8	0.0	130.2

Manual Integrations
 APPROVED

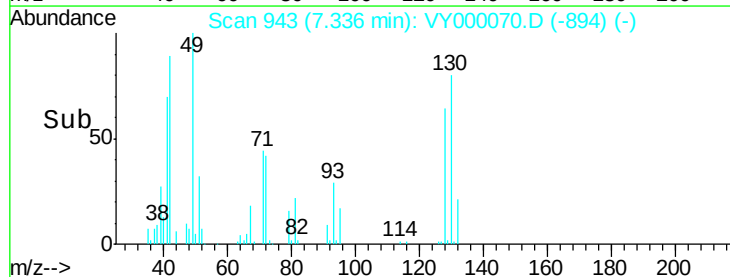
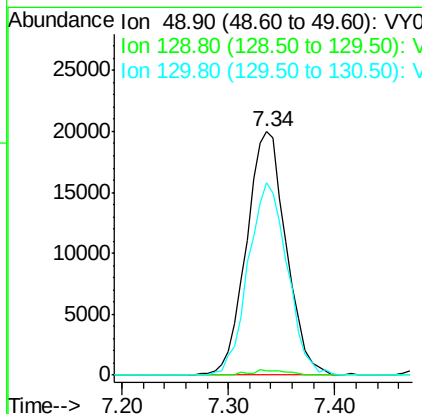
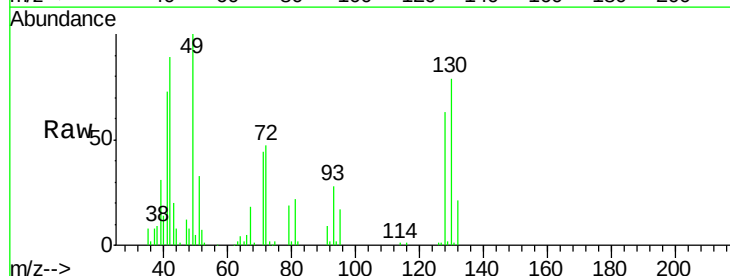
MMDadoda
 9/24/2019 5:30:33 AM

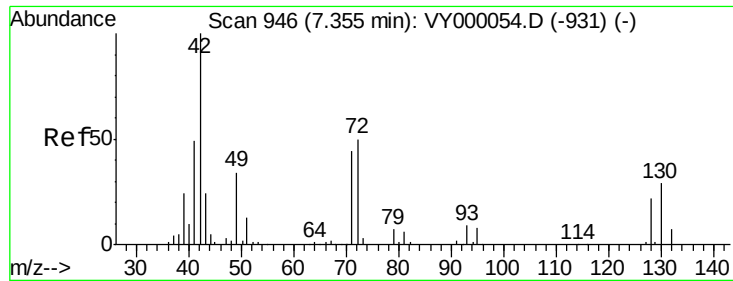


#28

Bromochloromethane
 Concen: 50.625 ug/l
 RT: 7.34 min Scan# 943
 Delta R.T. -0.00 min
 Lab File: VY000070.D
 Acq: 19 Sep 2019 12:05

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.8
130	77.9	66.2	99.4





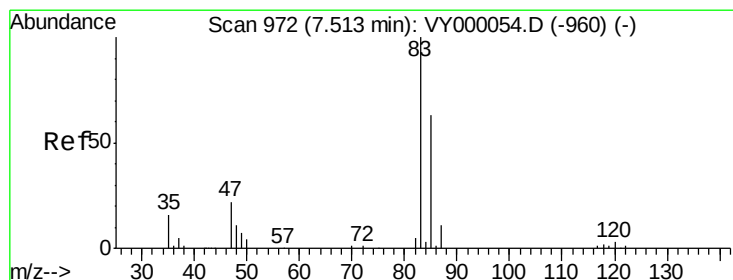
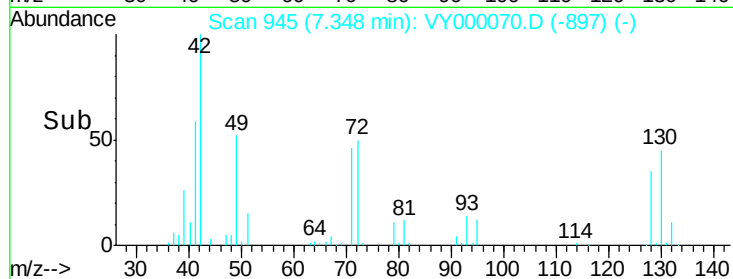
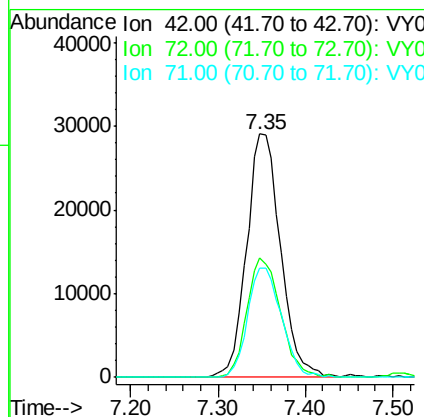
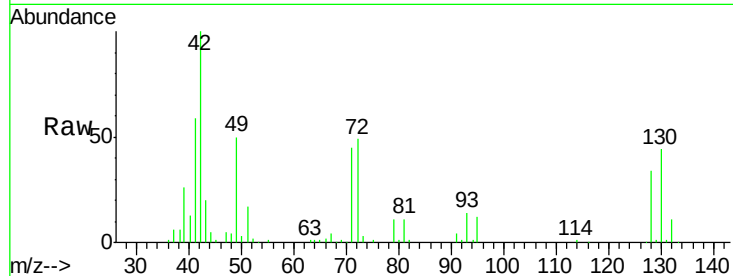
#29
Tetrahydrofuran
Concen: 240.961 ug/l
RT: 7.35 min Scan# 945
Delta R.T. -0.01 min
Lab File: VY000070.D
Acq: 19 Sep 2019 12:05

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.7	41.8	62.6
71	45.0	38.6	58.0

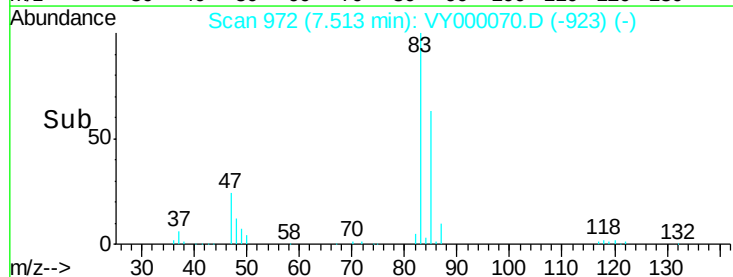
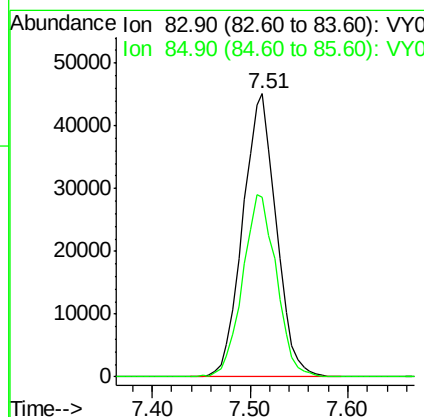
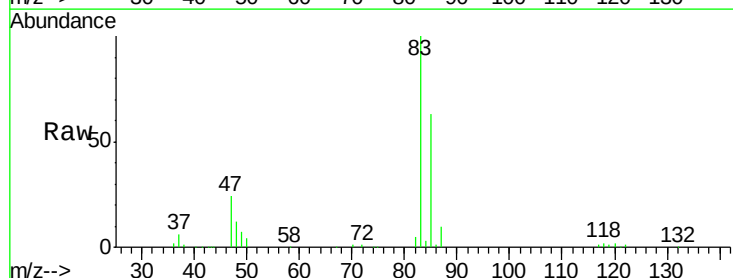
Manual Integrations
APPROVED

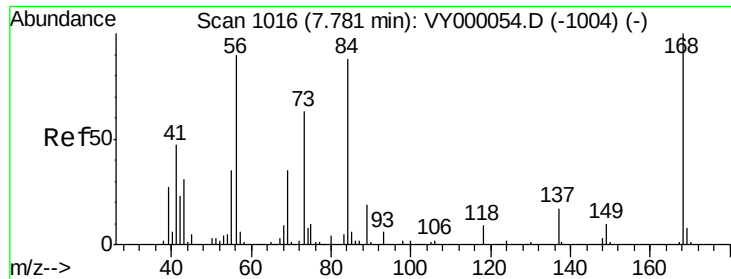
MMDadoda
9/24/2019 5:30:33 AM



#30
Chloroform
Concen: 46.510 ug/l
RT: 7.51 min Scan# 972
Delta R.T. -0.00 min
Lab File: VY000070.D
Acq: 19 Sep 2019 12:05

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.5	50.6	76.0





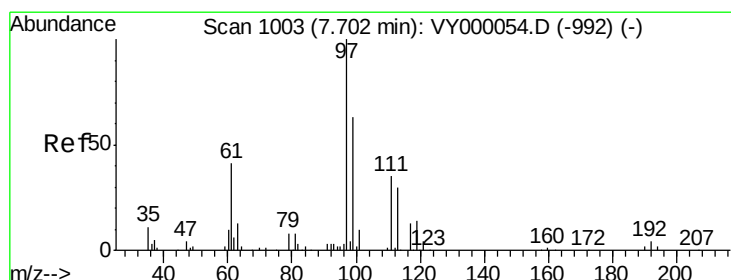
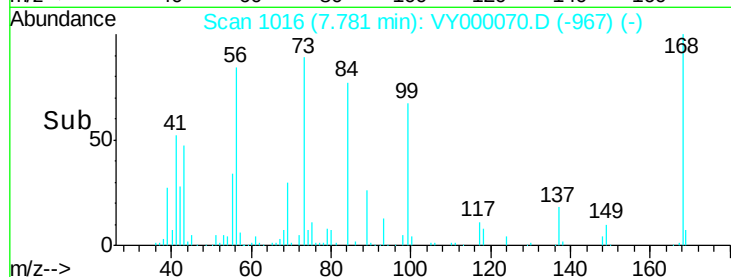
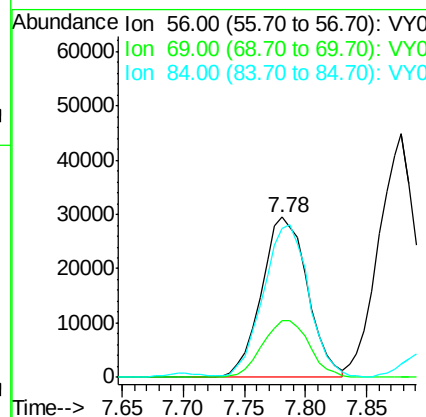
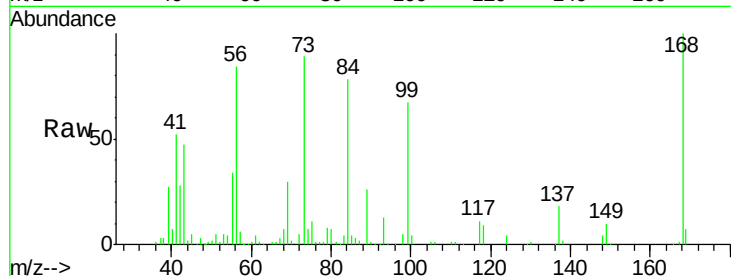
#31
Cyclohexane
Concen: 48.794 ug/l
RT: 7.78 min Scan# 1016
Delta R.T. -0.00 min
Lab File: VY000070.D
Acq: 19 Sep 2019 12:05

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	35.7	30.9	46.3
84	91.1	78.5	117.7

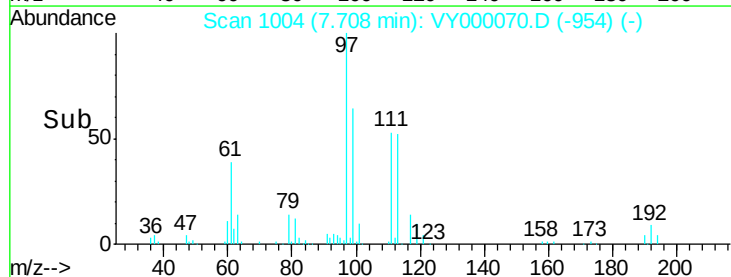
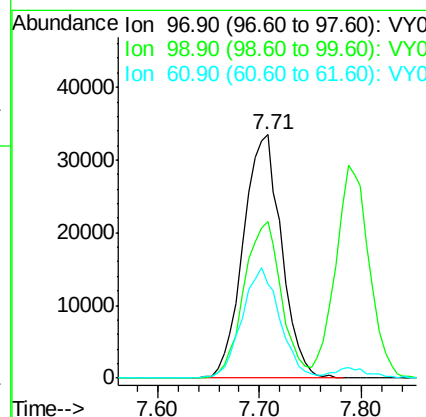
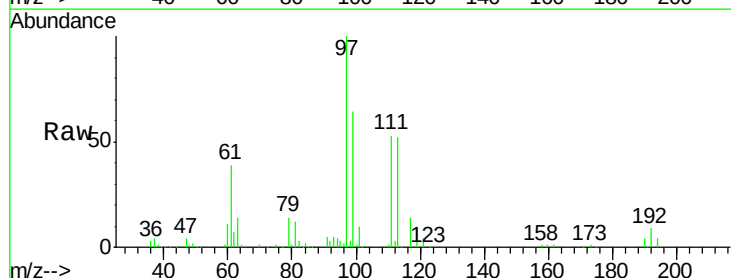
Manual Integrations
APPROVED

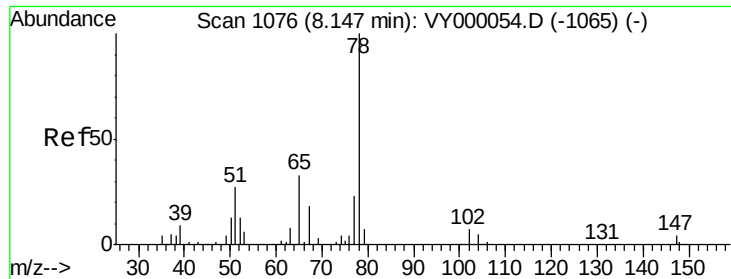
MMDadoda
9/24/2019 5:30:33 AM



#32
1,1,1-Trichloroethane
Concen: 46.636 ug/l
RT: 7.71 min Scan# 1004
Delta R.T. 0.01 min
Lab File: VY000070.D
Acq: 19 Sep 2019 12:05

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.4	51.8	77.6
61	44.9	34.3	51.5





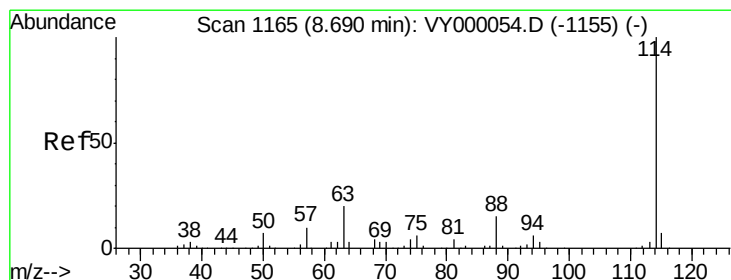
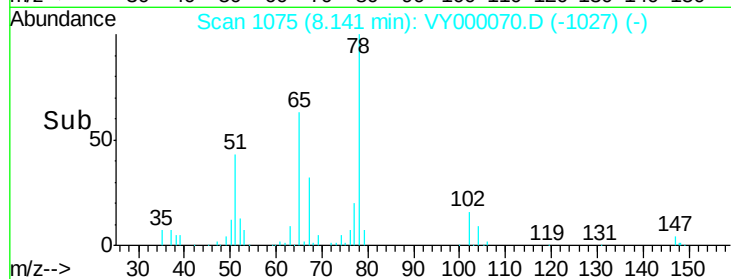
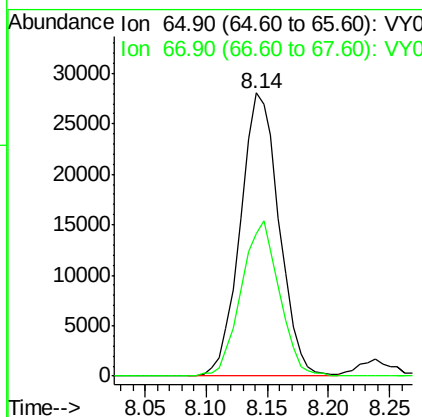
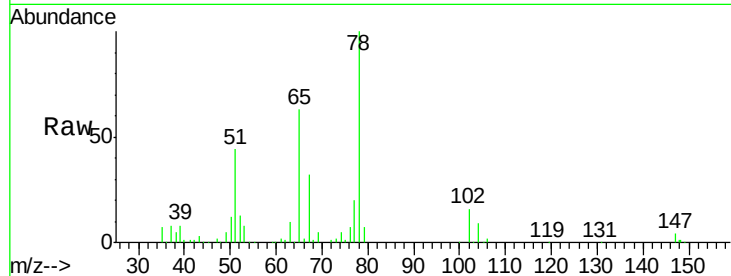
#33
 1,2-Dichloroethane-d4
 Concen: 48.137 ug/l
 RT: 8.14 min Scan# 1075
 Delta R.T. -0.01 min
 Lab File: VY000070.D
 Acq: 19 Sep 2019 12:05

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	61816		
67	53.9	0.0	111.0	

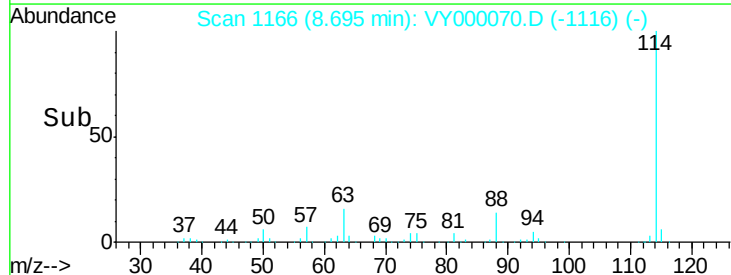
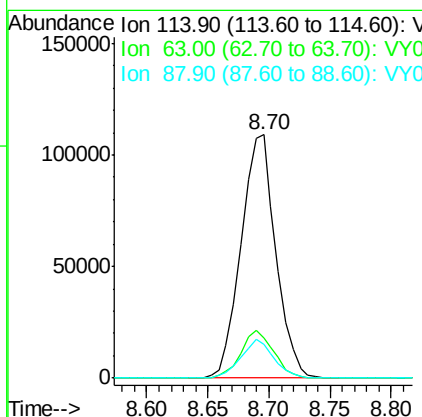
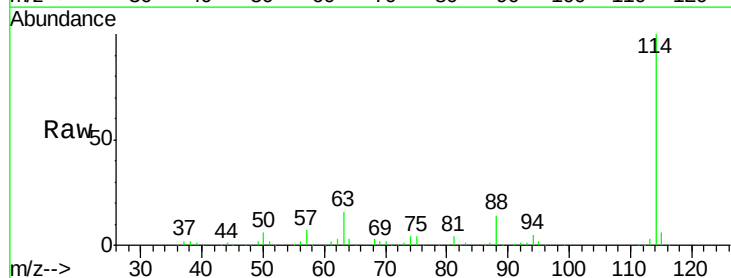
Manual Integrations
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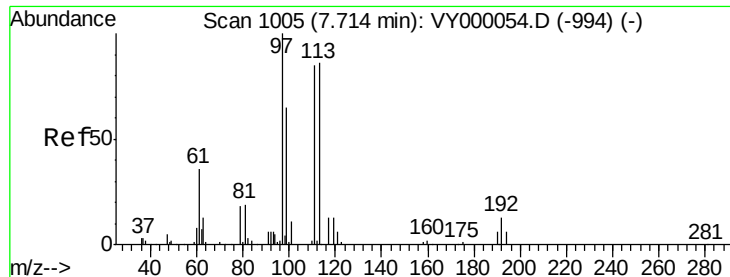
MMDadoda
 9/24/2019 5:30:33 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1166
 Delta R.T. 0.01 min
 Lab File: VY000070.D
 Acq: 19 Sep 2019 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	214672		
63	16.4	0.0	39.4	
88	13.8	0.0	30.2	





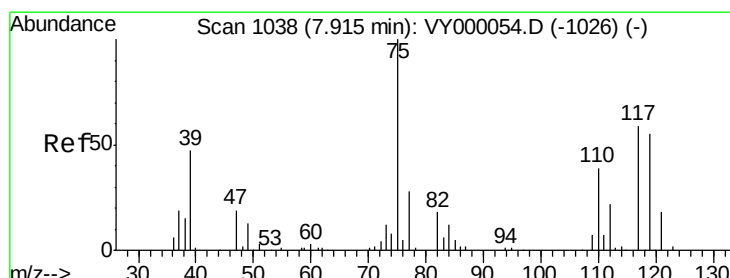
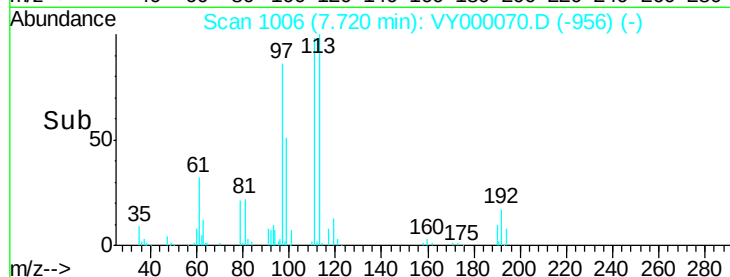
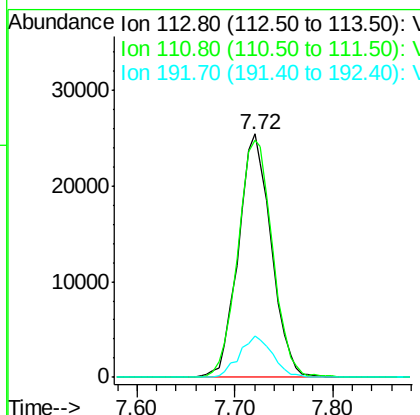
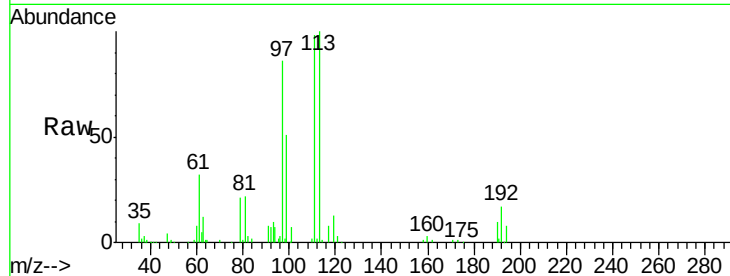
#35
 Dibromofluoromethane
 Concen: 45.543 ug/l
 RT: 7.72 min Scan# 1006
 Delta R.T. 0.01 min
 Lab File: VY000070.D
 Acq: 19 Sep 2019 12:05

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.7	122.5
192	17.3	13.4	20.2

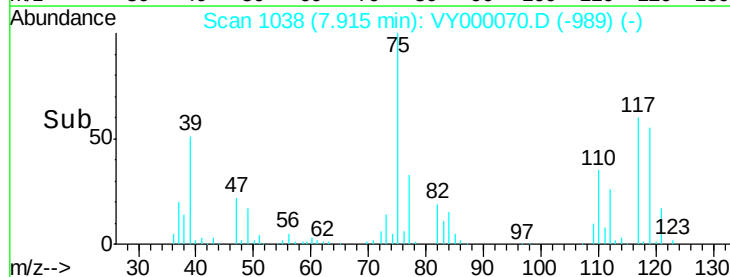
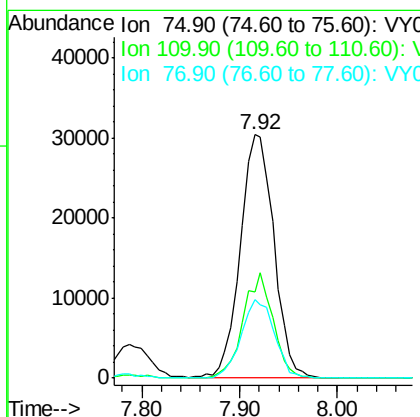
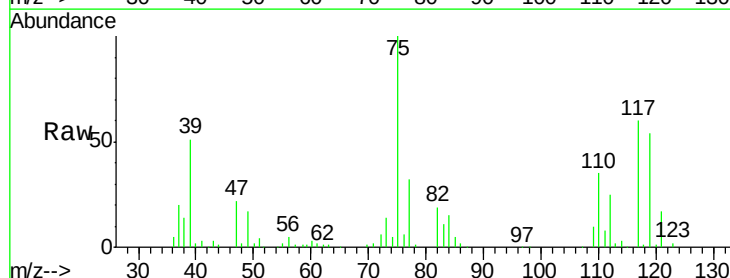
Manual Integrations
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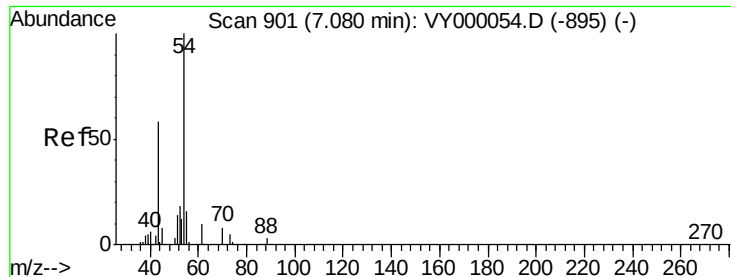
MMDadoda
 9/24/2019 5:30:33 AM



#36
 1,1-Dichloropropene
 Concen: 45.035 ug/l
 RT: 7.92 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: VY000070.D
 Acq: 19 Sep 2019 12:05

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.8	19.6	58.7
77	32.3	24.3	36.5





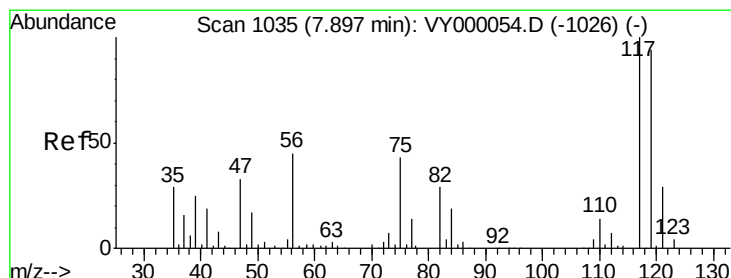
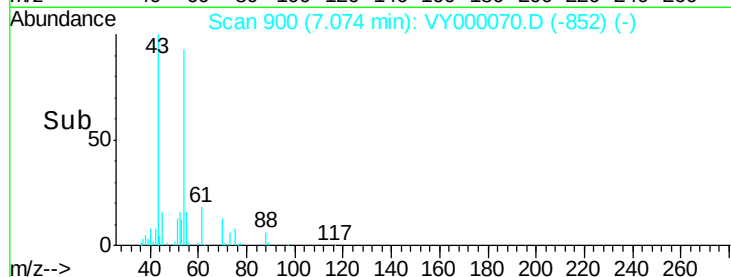
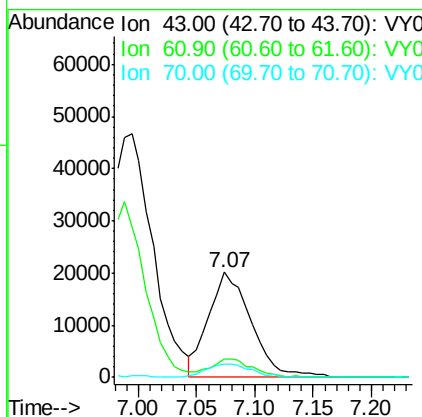
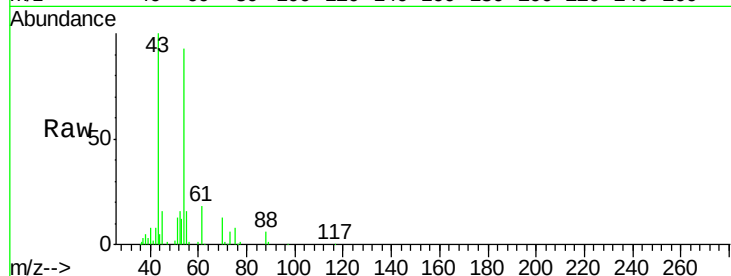
#37
Ethyl Acetate
Concen: 47.996 ug/l
RT: 7.07 min Scan# 900
Delta R.T. -0.01 min
Lab File: VY000070.D
Acq: 19 Sep 2019 12:05

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.6	14.1	21.1
70	13.4	10.6	15.8

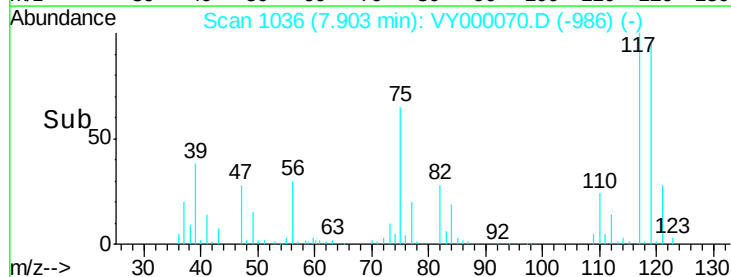
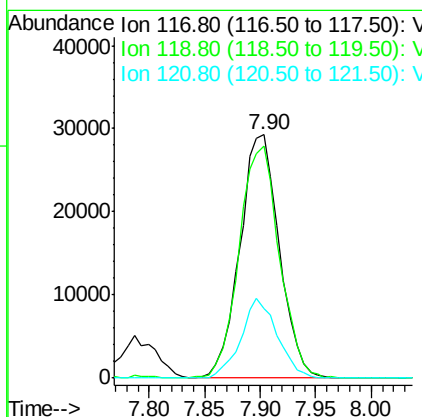
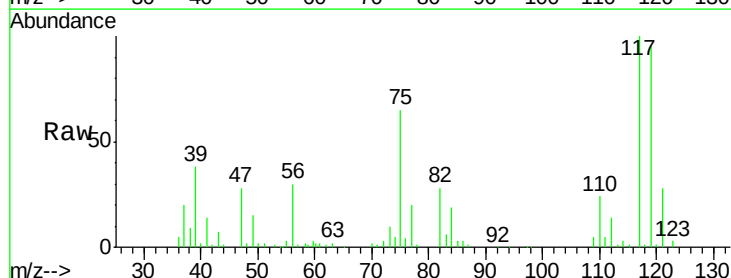
Manual Integrations
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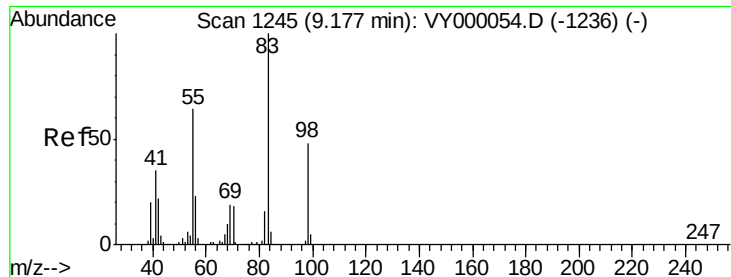
MMDadoda
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#38
Carbon Tetrachloride
Concen: 47.573 ug/l
RT: 7.90 min Scan# 1036
Delta R.T. 0.01 min
Lab File: VY000070.D
Acq: 19 Sep 2019 12:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.2	75.0	112.6
121	28.3	22.8	34.2





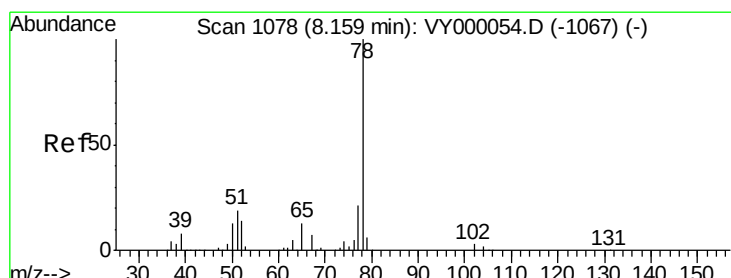
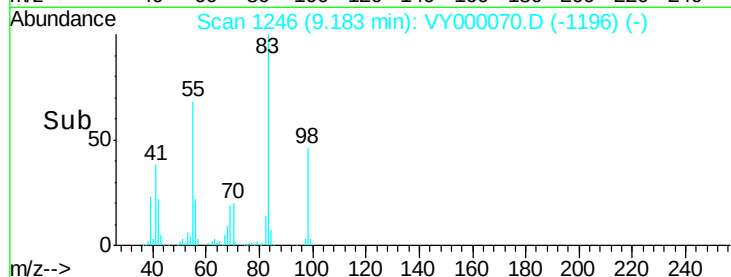
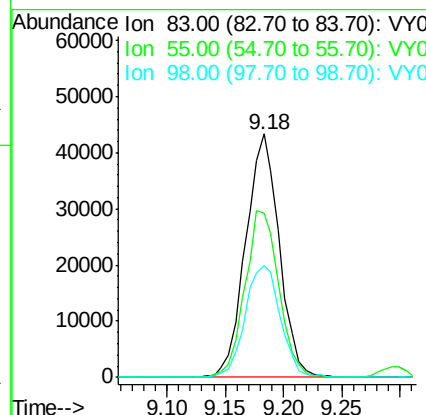
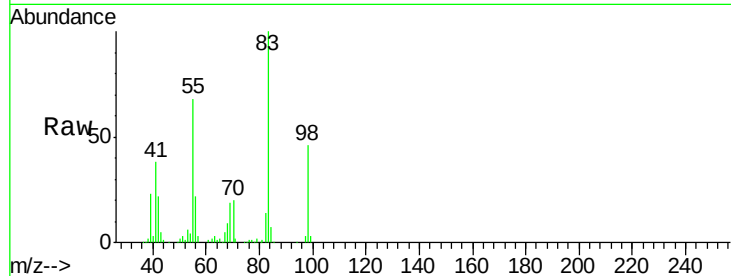
#39
Methylvlcyclohexane
Concen: 44.043 ug/l
RT: 9.18 min Scan# 1246
Delta R.T. 0.01 min
Lab File: VY000070.D
Acq: 19 Sep 2019 12:05

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	83	Resp	86929
Ion Ratio	100	Lower	Upper
83	100		
55	67.7	51.0	76.6
98	45.9	38.5	57.7

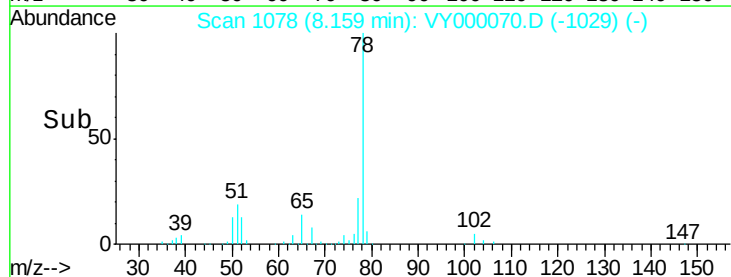
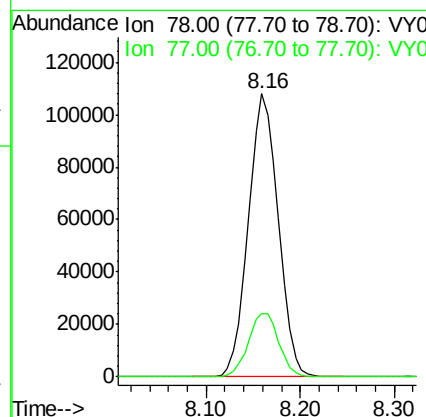
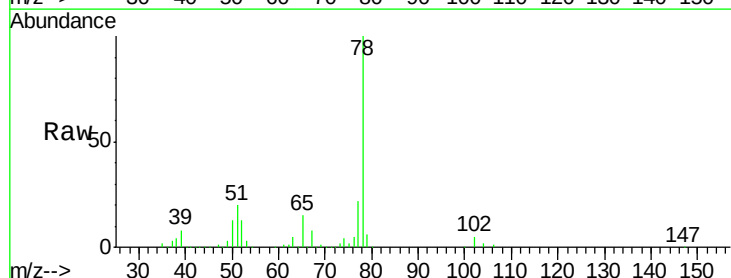
Manual Integrations
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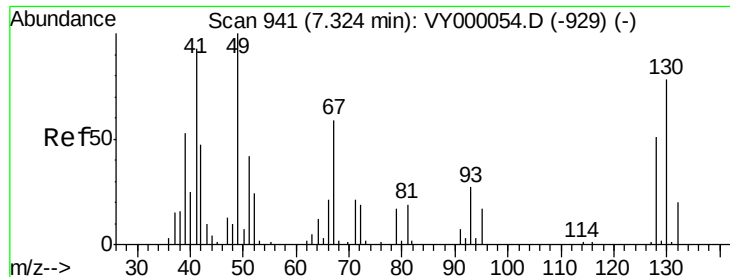
MMDadoda
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#40
Benzene
Concen: 45.297 ug/l
RT: 8.16 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VY000070.D
Acq: 19 Sep 2019 12:05

Tgt Ion	78	Resp	240146
Ion Ratio	100	Lower	Upper
78	100		
77	22.2	16.8	25.2





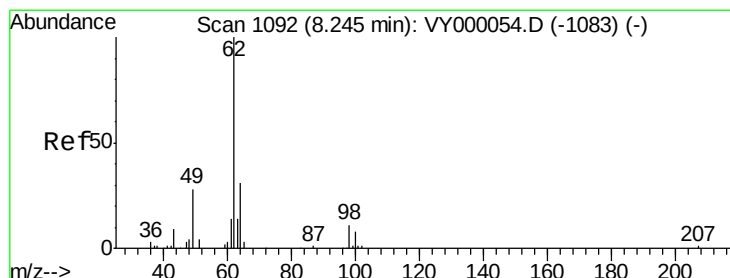
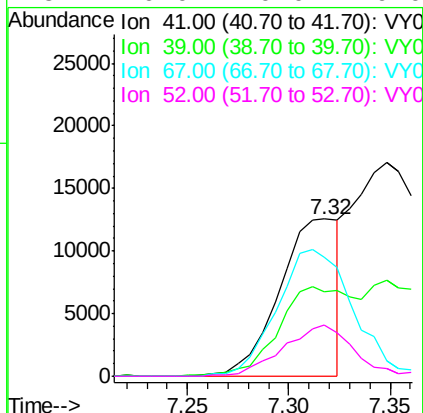
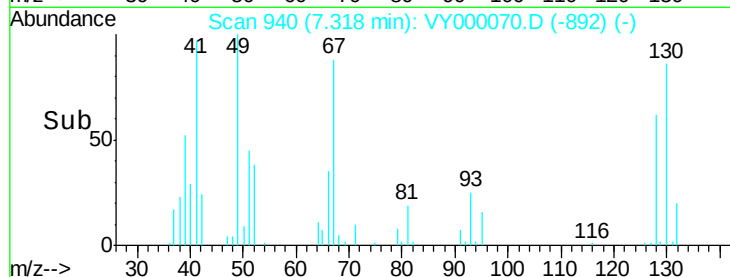
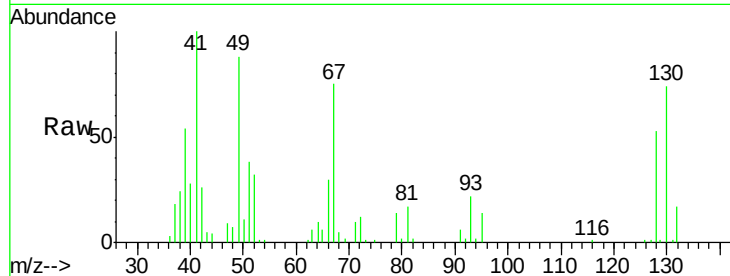
#41
Methacrylonitrile
Concen: 34.159 ug/l m
RT: 7.32 min Scan# 940
Delta R.T. -0.01 min
Lab File: VY000070.D
Acq: 19 Sep 2019 12:05

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	91.8	137.6#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

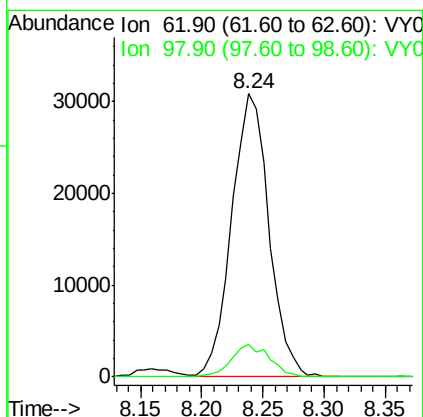
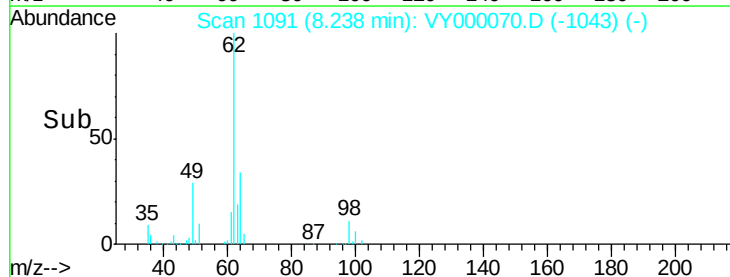
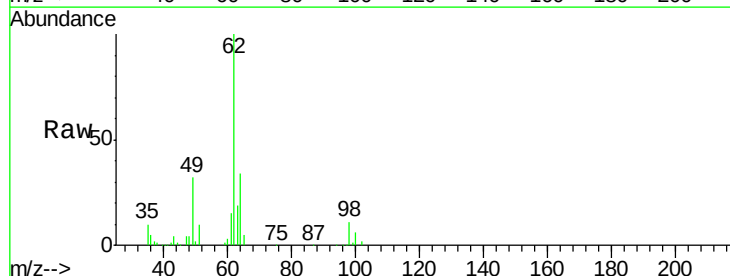
Manual Integrations
APPROVED

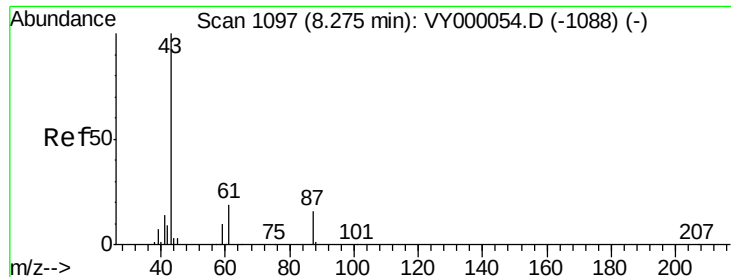
MMDadoda
9/24/2019 5:30:33 AM



#42
1,2-Dichloroethane
Concen: 46.530 ug/l
RT: 8.24 min Scan# 1091
Delta R.T. -0.01 min
Lab File: VY000070.D
Acq: 19 Sep 2019 12:05

Tgt Ion	Ratio	Lower	Upper
62	100		
98	11.6	0.0	23.6





#43

Isopropyl Acetate

Concen: 47.978 ug/l

RT: 8.27 min Scan# 1097

Delta R.T. -0.00 min

Lab File: VY000070.D

Acq: 19 Sep 2019 12:05

Instrument :

MSVOA_Y

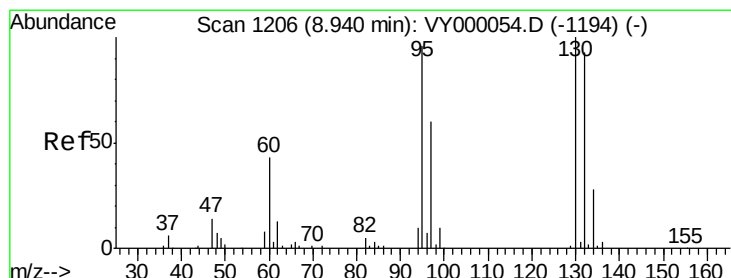
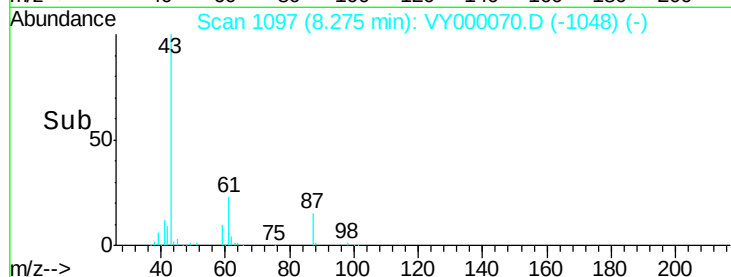
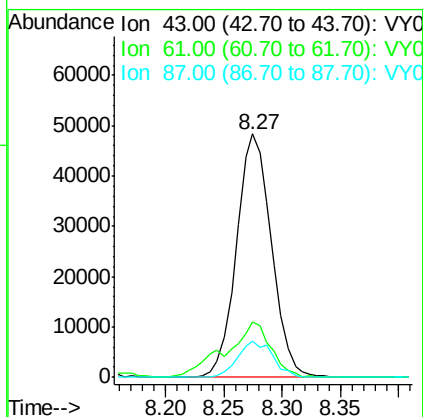
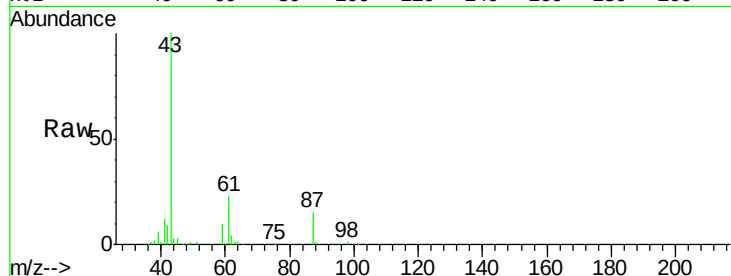
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	100394
Ion	Ratio	Lower	Upper
43	100		
61	29.9	25.0	37.6
87	14.8	12.4	18.6

Manual Integrations
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MMDadoda
9/24/2019 5:30:33 AM



#44

Trichloroethene

Concen: 46.073 ug/l

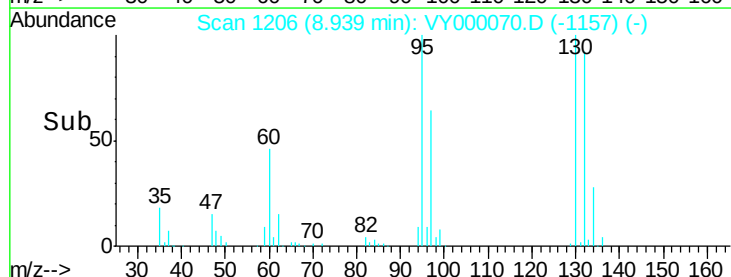
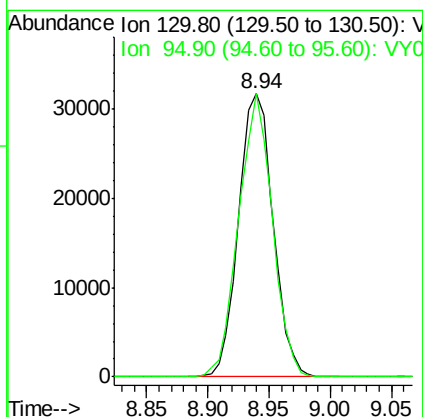
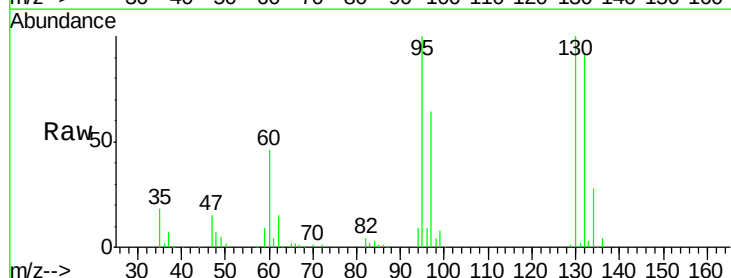
RT: 8.94 min Scan# 1206

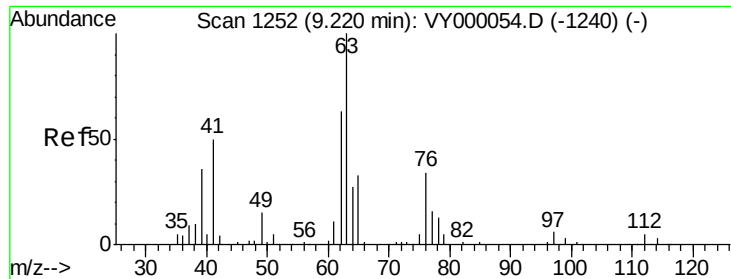
Delta R.T. -0.00 min

Lab File: VY000070.D

Acq: 19 Sep 2019 12:05

Tgt Ion:	130	Resp:	62402
Ion	Ratio	Lower	Upper
130	100		
95	99.9	0.0	192.0





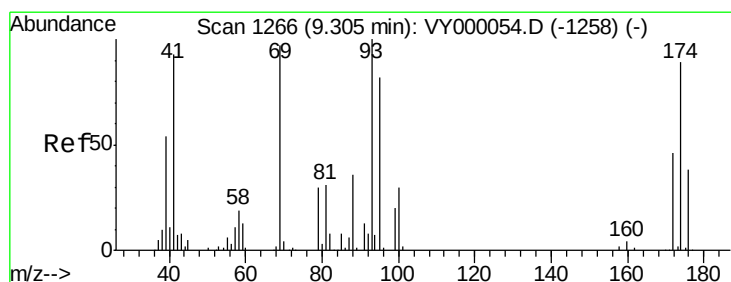
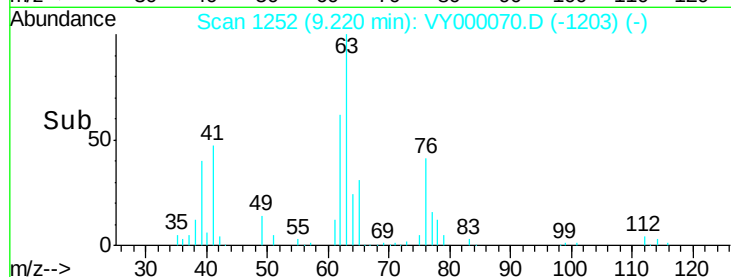
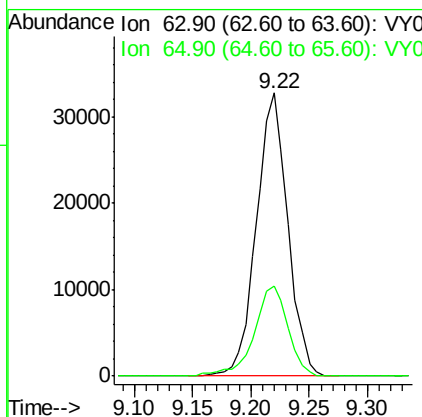
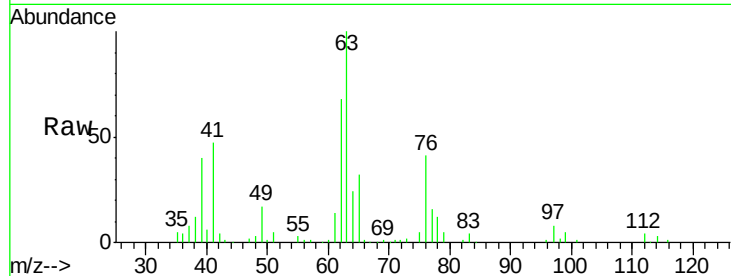
#45
 1,2-Dichloropropane
 Concen: 44.850 ug/l
 RT: 9.22 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: VY000070.D
 Acq: 19 Sep 2019 12:05

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 61595
 Ion Ratio Lower Upper
 63 100
 65 32.0 26.2 39.4

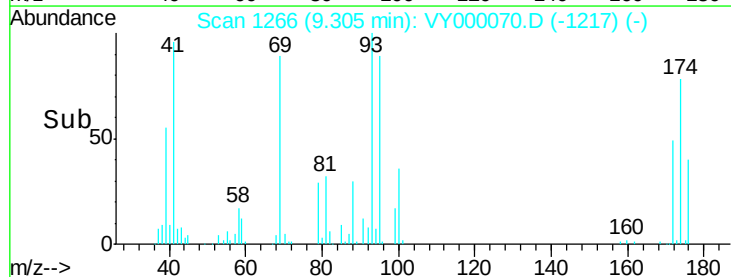
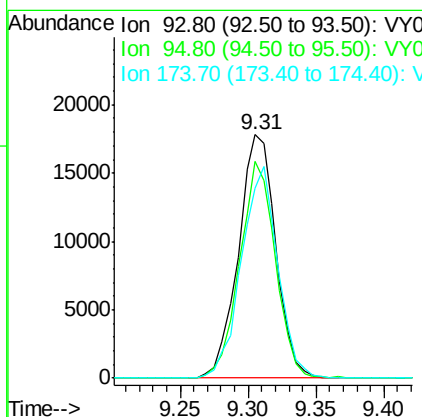
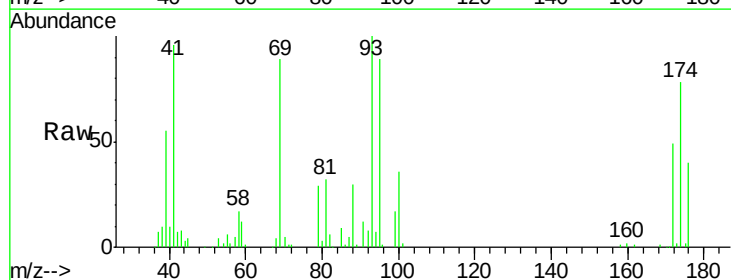
Manual Integrations
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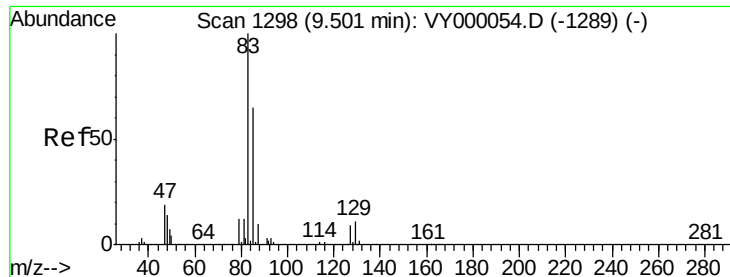
MMDadoda
 9/24/2019 5:30:33 AM



#46
 Dibromomethane
 Concen: 45.608 ug/l
 RT: 9.31 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: VY000070.D
 Acq: 19 Sep 2019 12:05

Tgt Ion: 93 Resp: 34213
 Ion Ratio Lower Upper
 93 100
 95 85.0 68.1 102.1
 174 84.6 67.8 101.6





#47

Bromodichloromethane

Concen: 47.407 ug/l

RT: 9.50 min Scan# 1298

Delta R.T. -0.00 min

Lab File: VY000070.D

Acq: 19 Sep 2019 12:05

Instrument :

MSVOA_Y

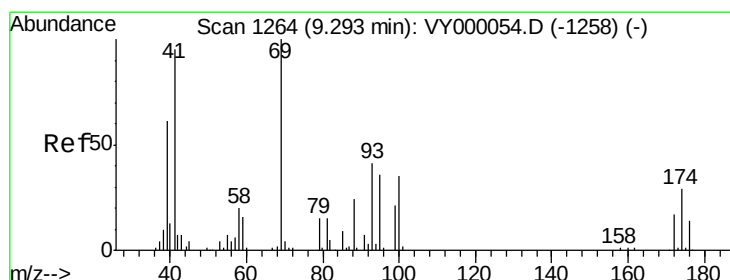
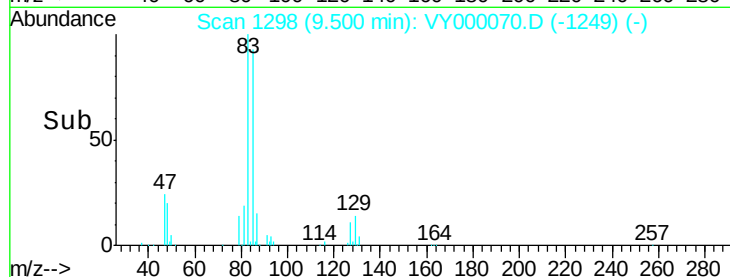
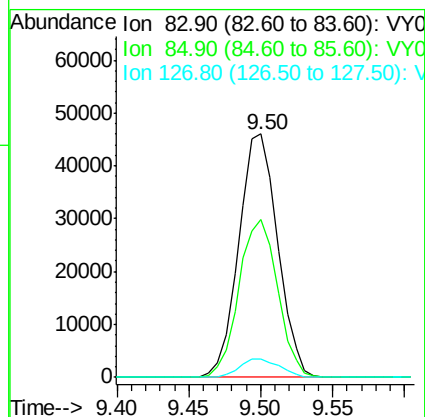
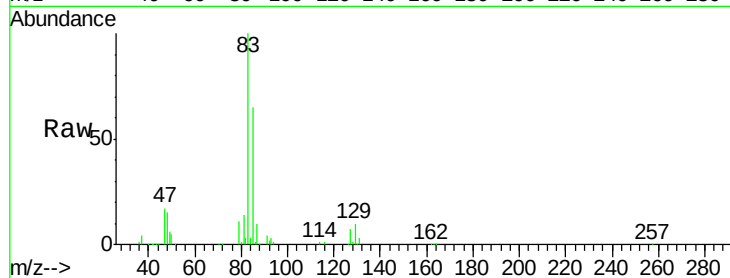
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	86296
Ion	Ratio	Lower	Upper
83	100		
85	64.8	52.3	78.5
127	7.4	6.8	10.2

Manual Integrations
APPROVED

MMDadoda
9/24/2019 5:30:33 AM



#48

Methyl methacrylate

Concen: 47.712 ug/l

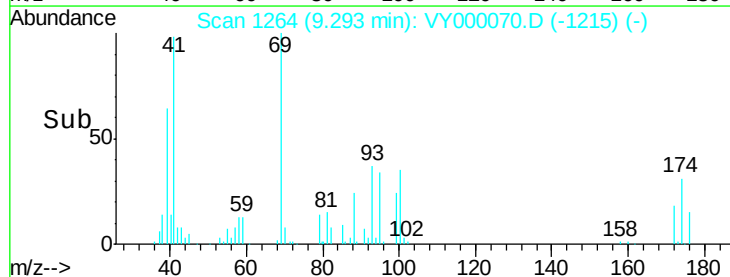
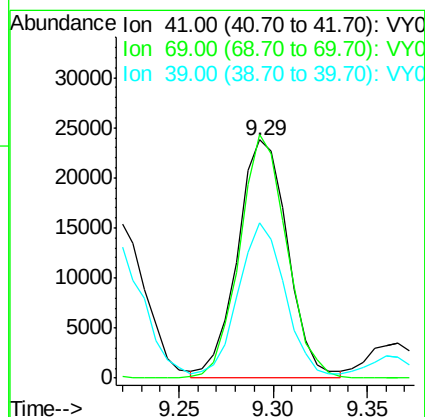
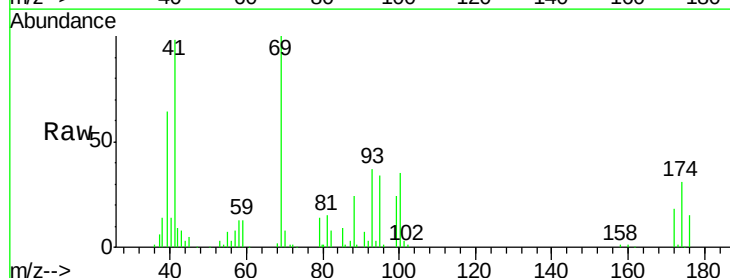
RT: 9.29 min Scan# 1264

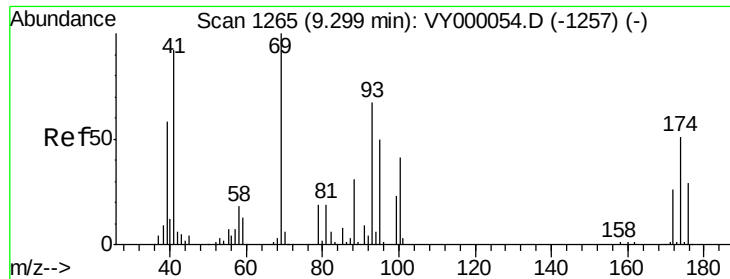
Delta R.T. -0.00 min

Lab File: VY000070.D

Acq: 19 Sep 2019 12:05

Tgt Ion:	41	Resp:	43908
Ion	Ratio	Lower	Upper
41	100		
69	96.0	78.1	117.1
39	61.7	49.4	74.0





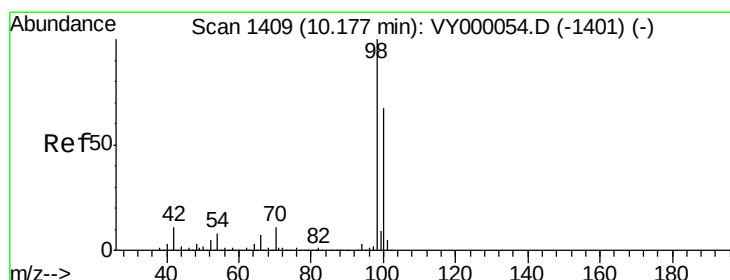
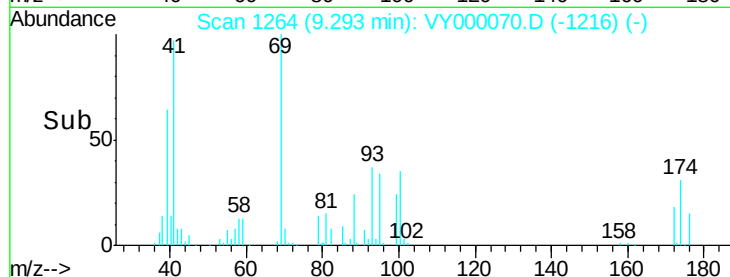
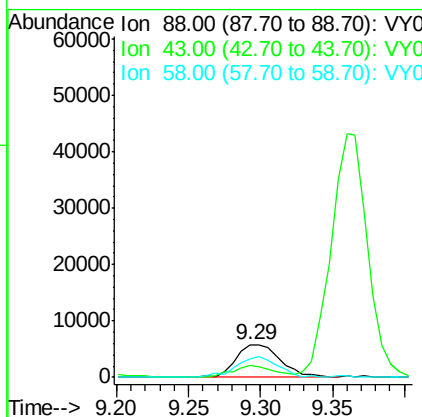
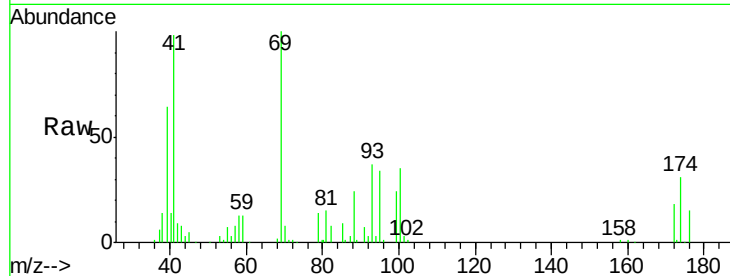
#49
1,4-Dioxane
Concen: 857.702 ug/l
RT: 9.29 min Scan# 1264
Delta R.T. -0.01 min
Lab File: VY000070.D
Acq: 19 Sep 2019 12:05

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	88	Resp	12492
Ion Ratio	Lower	Upper	
88	100		
43	33.8	18.7	28.1#
58	59.1	53.0	79.6

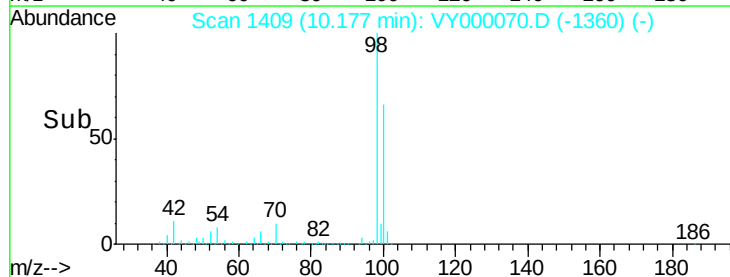
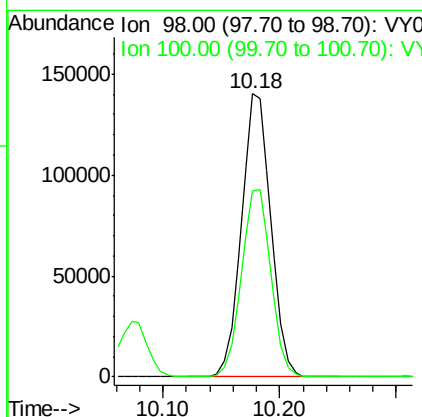
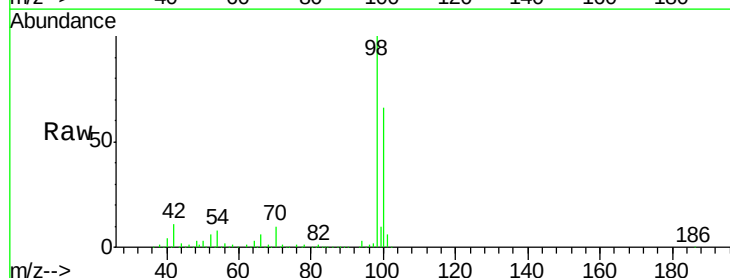
Manual Integrations
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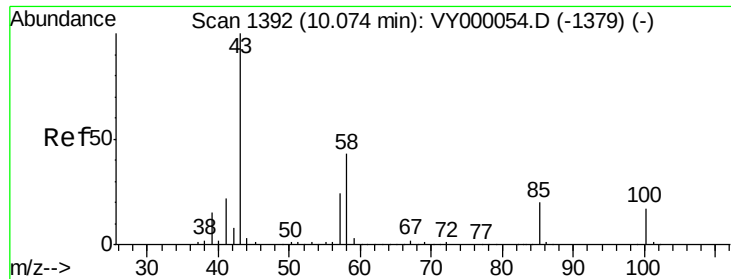
MMDadoda
9/24/2019 5:30:33 AM



#50
Toluene-d8
Concen: 48.206 ug/l
RT: 10.18 min Scan# 1409
Delta R.T. -0.00 min
Lab File: VY000070.D
Acq: 19 Sep 2019 12:05

Tgt Ion	98	Resp	246099
Ion Ratio	Lower	Upper	
98	100		
100	66.5	53.1	79.7





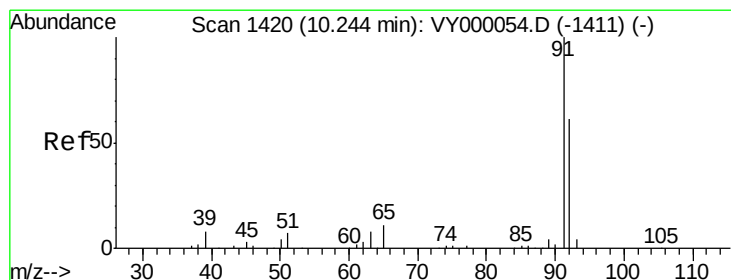
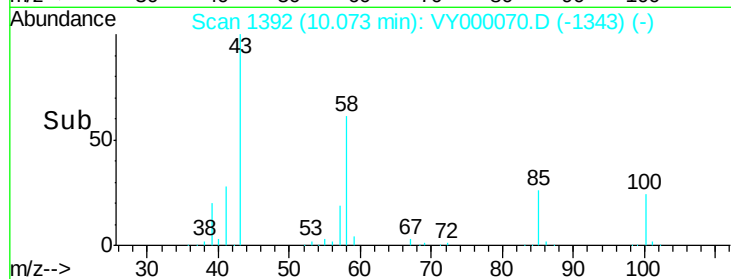
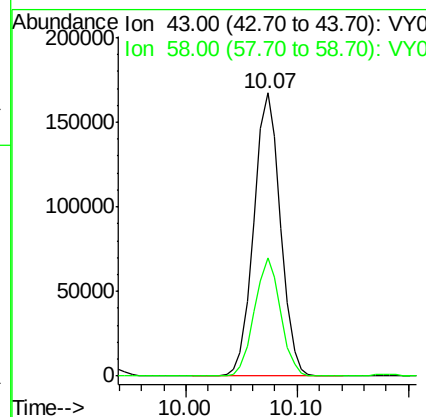
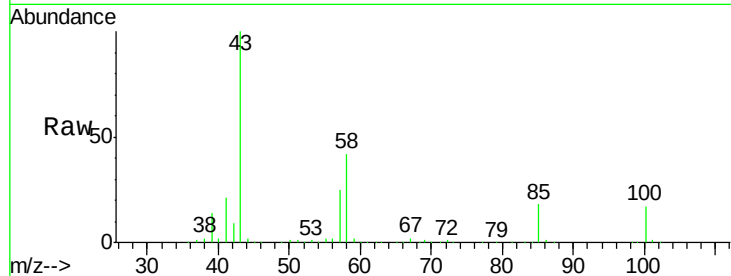
#51
4-Methyl-2-Pentanone
Concen: 244.215 ug/l
RT: 10.07 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VY000070.D
Acq: 19 Sep 2019 12:05

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
43	100			
58	40.9	34.2	51.2	

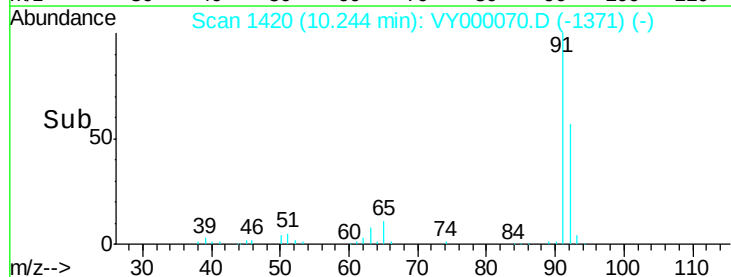
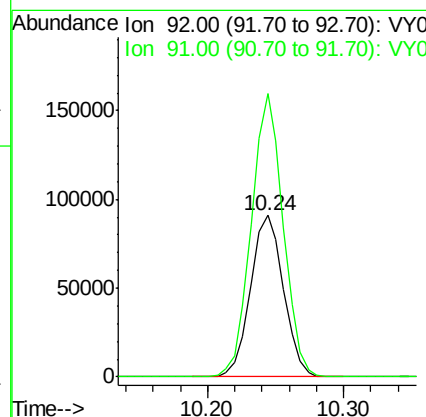
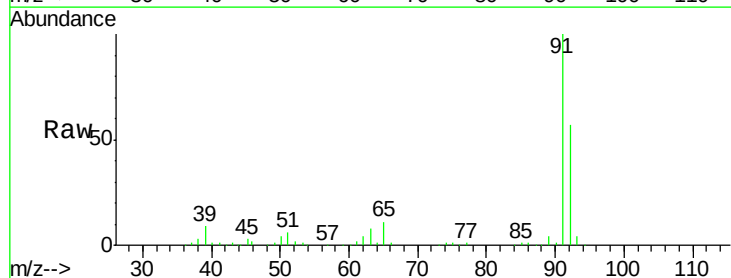
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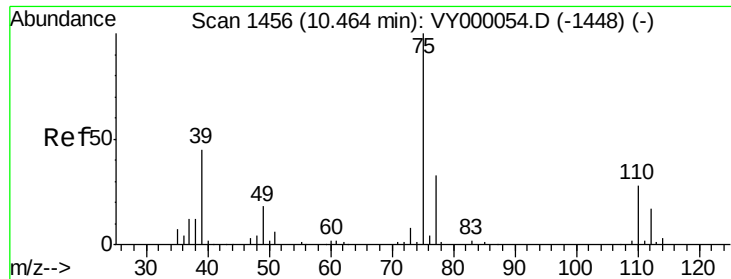
MMDadoda
9/24/2019 5:30:33 AM



#52
Toluene
Concen: 45.834 ug/l
RT: 10.24 min Scan# 1420
Delta R.T. -0.00 min
Lab File: VY000070.D
Acq: 19 Sep 2019 12:05

Tgt Ion	Ion	Ratio	Lower	Upper
92	100			
91	169.2	135.8	203.6	





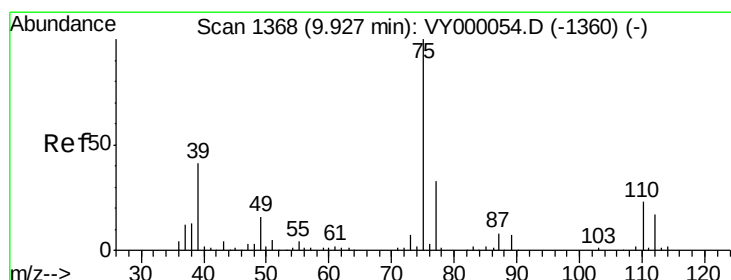
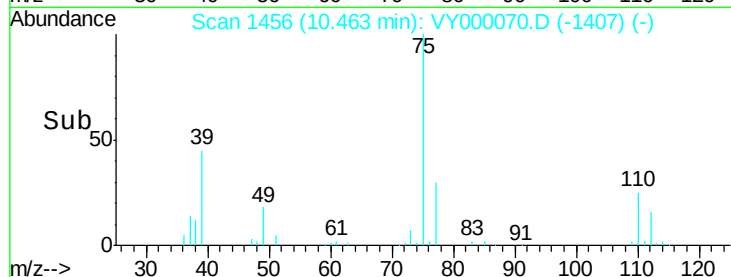
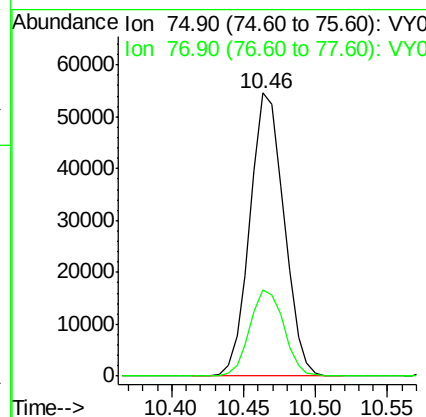
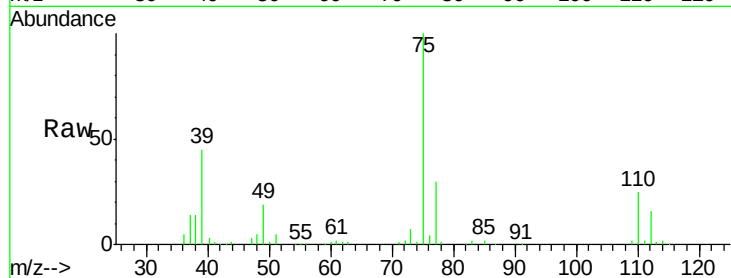
#53
t-1,3-Dichloropropene
Concen: 46.119 ug/l
RT: 10.46 min Scan# 1456
Delta R.T. -0.00 min
Lab File: VY000070.D
Acq: 19 Sep 2019 12:05

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.5	26.2	39.2

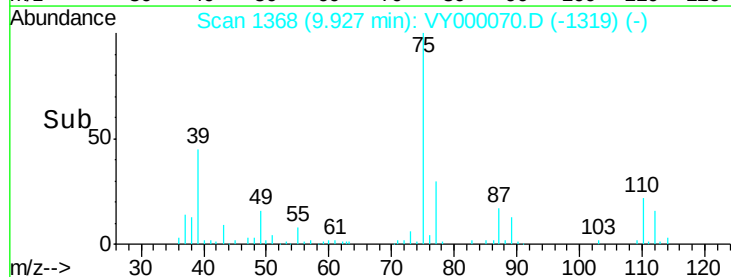
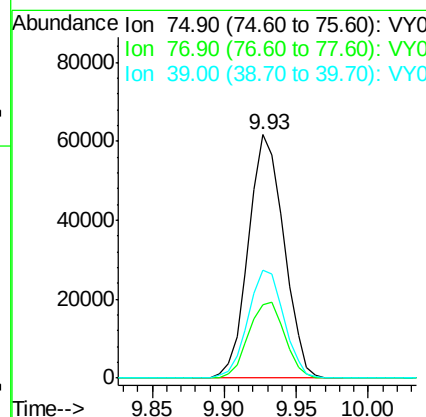
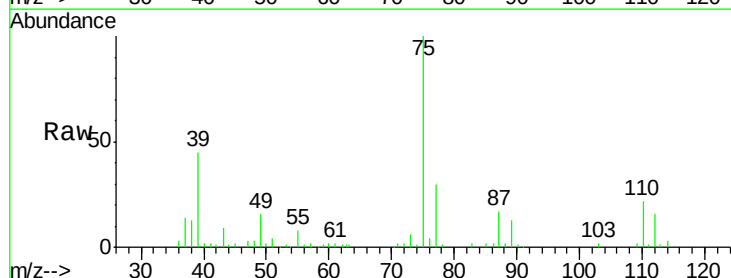
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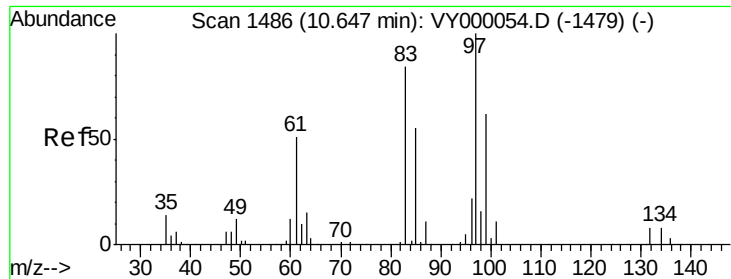
MMDadoda
9/24/2019 5:30:33 AM



#54
cis-1,3-Dichloropropene
Concen: 47.015 ug/l
RT: 9.93 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VY000070.D
Acq: 19 Sep 2019 12:05

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.3	26.1	39.1
39	44.6	33.1	49.7





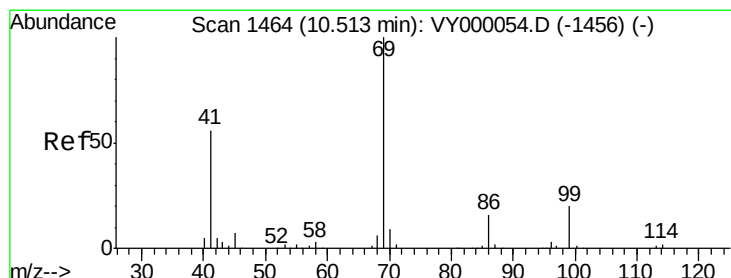
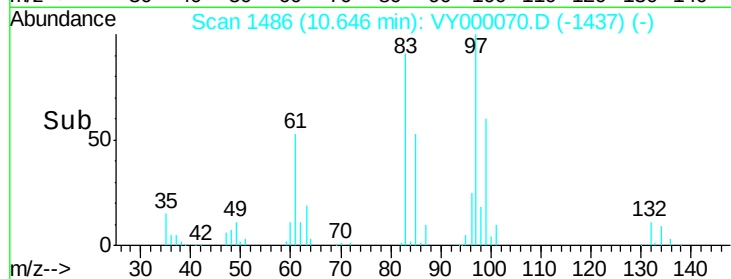
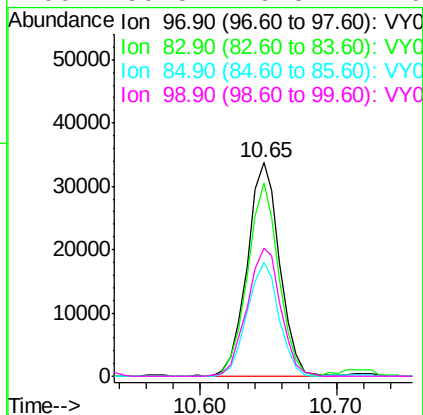
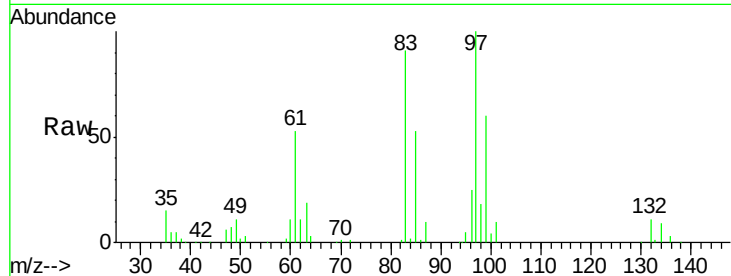
#55
 1,1,2-Trichloroethane
 Concen: 48.053 ug/l
 RT: 10.65 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: VY000070.D
 Acq: 19 Sep 2019 12:05

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	56514
Ion	Ratio	Lower	Upper
97	100		
83	90.8	67.3	100.9
85	53.2	43.6	65.4
99	59.8	49.8	74.6

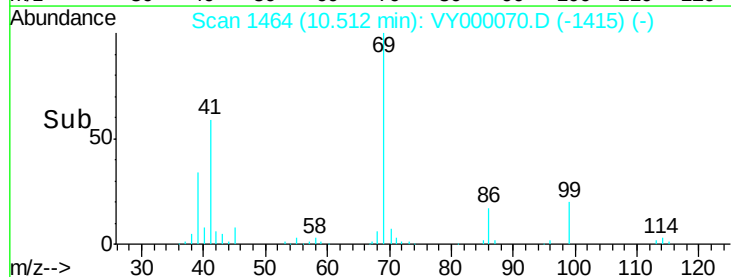
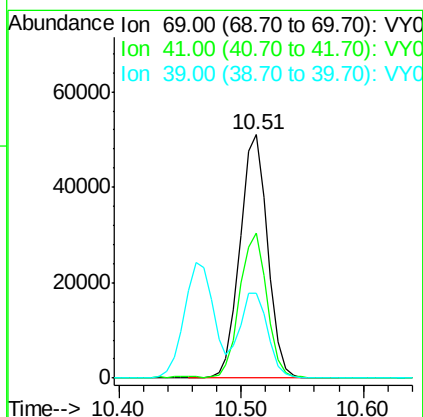
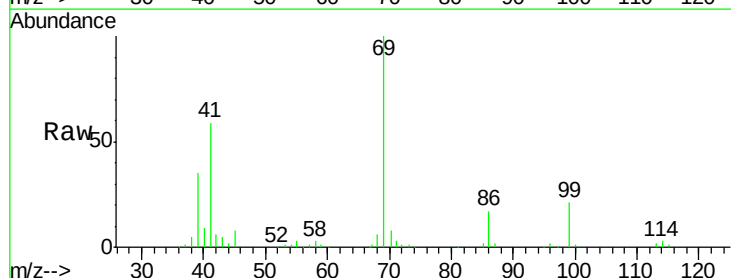
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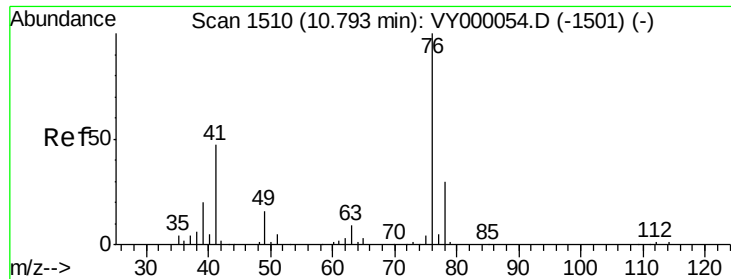
MMDadoda
 9/24/2019 5:30:33 AM



#56
 Ethyl methacrylate
 Concen: 47.636 ug/l
 RT: 10.51 min Scan# 1464
 Delta R.T. -0.00 min
 Lab File: VY000070.D
 Acq: 19 Sep 2019 12:05

Tgt Ion:	69	Resp:	79720
Ion	Ratio	Lower	Upper
69	100		
41	58.8	45.6	68.4
39	35.7	27.3	40.9





#57

1,3-Dichloropropane

Concen: 45.717 ug/l

RT: 10.79 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VY000070.D

Acq: 19 Sep 2019 12:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 90317

Ion Ratio Lower Upper

76 100

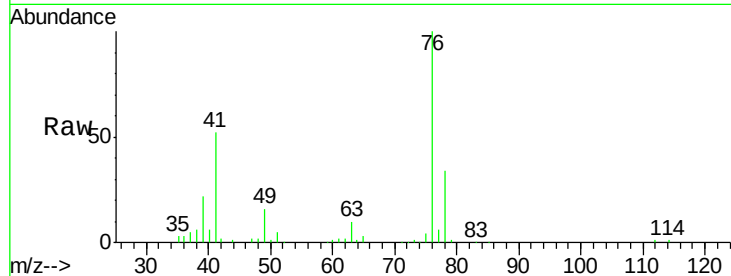
78 33.0 26.6 40.0

Manual Integrations

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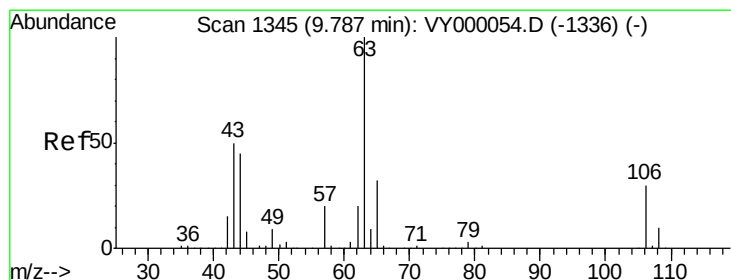
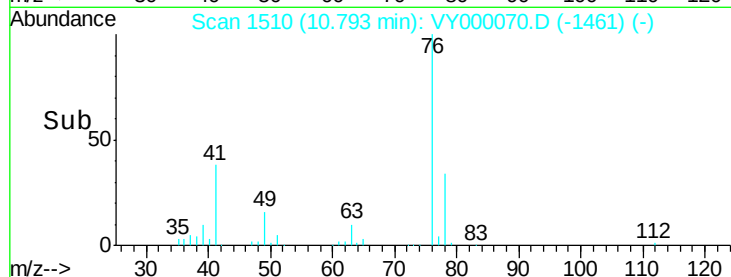
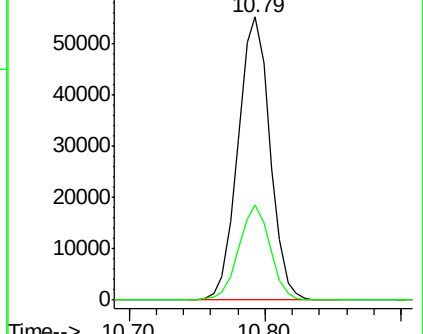
MMDadoda

9/24/2019 5:30:33 AM



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 252.336 ug/l

RT: 9.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VY000070.D

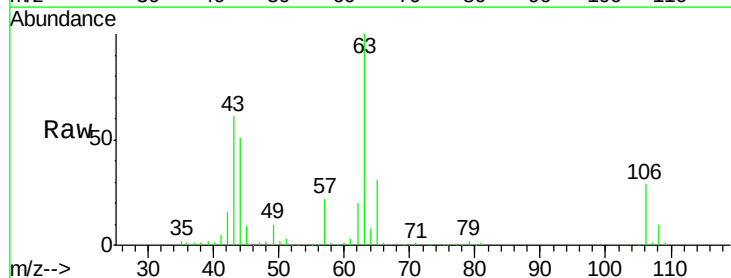
Acq: 19 Sep 2019 12:05

Tgt Ion: 63 Resp: 228276

Ion Ratio Lower Upper

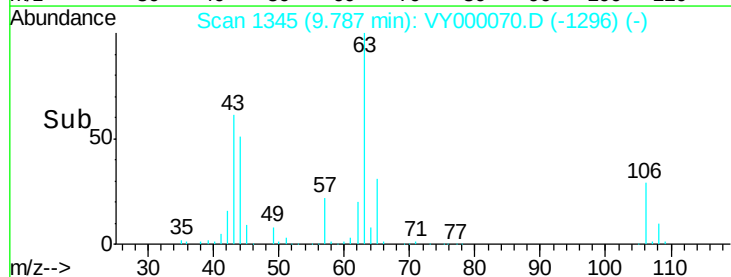
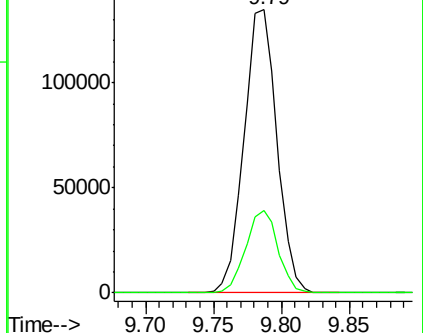
63 100

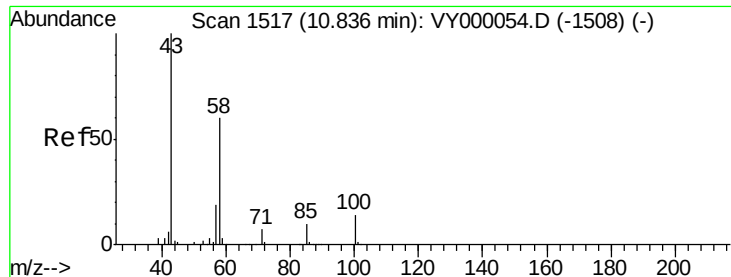
106 28.7 23.3 34.9



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V





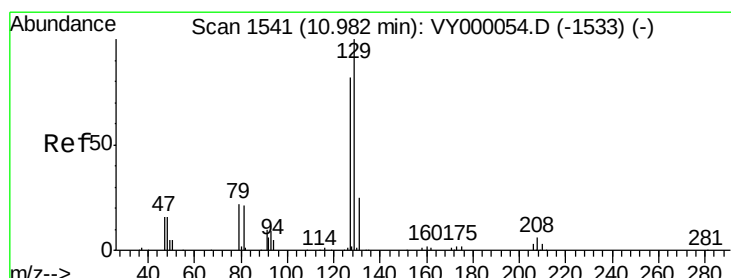
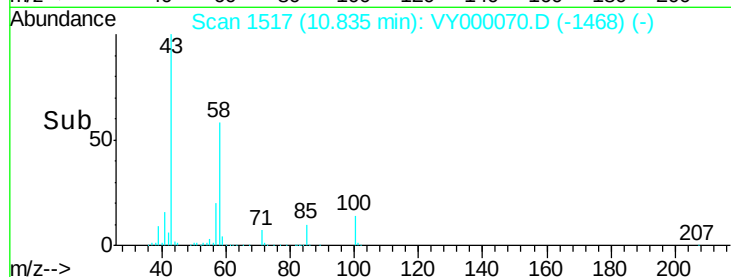
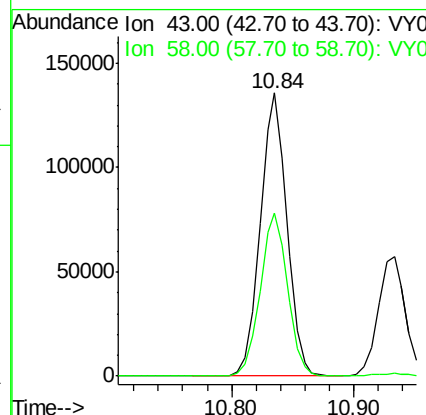
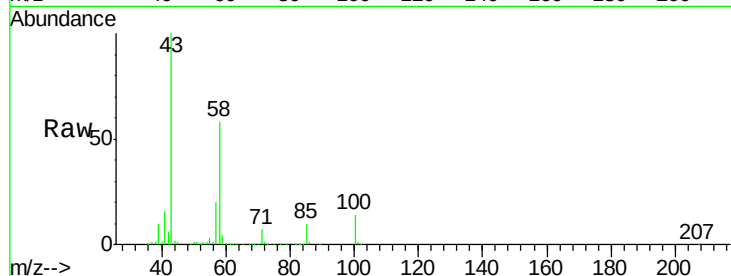
#59
2-Hexanone
Concen: 252.369 ug/l
RT: 10.84 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY000070.D
Acq: 19 Sep 2019 12:05

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	59.0	29.9	89.7

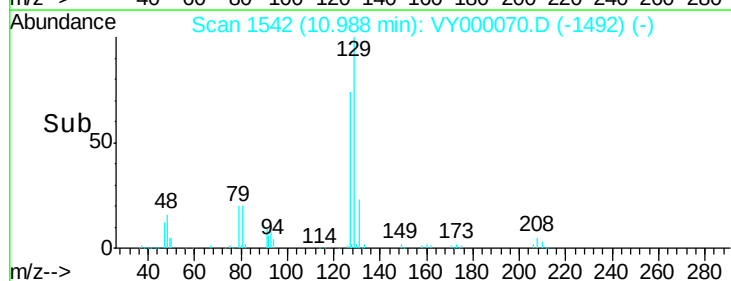
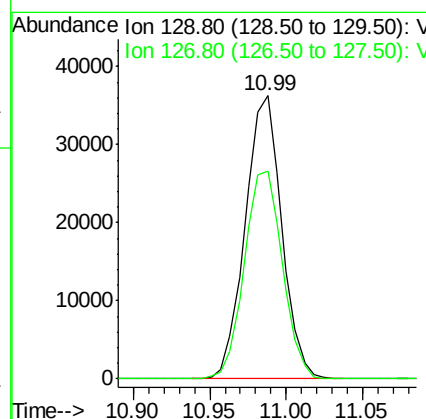
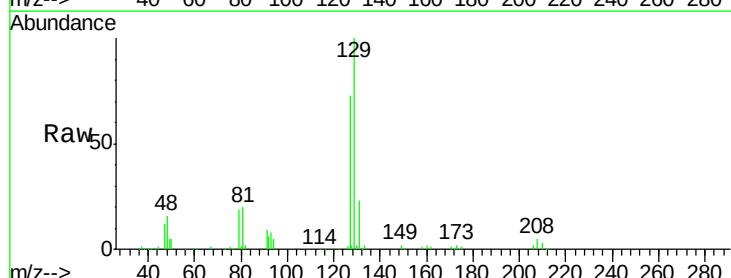
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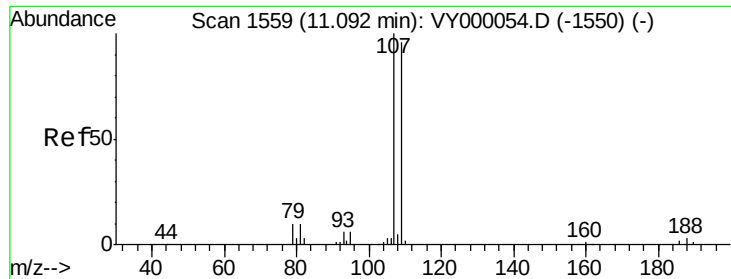
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#60
Dibromochloromethane
Concen: 48.880 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.01 min
Lab File: VY000070.D
Acq: 19 Sep 2019 12:05

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.4	40.2	120.6





#61

1,2-Dibromoethane

Concen: 47.736 ug/l

RT: 11.09 min Scan# 1558

Delta R.T. -0.01 min

Lab File: VY000070.D

Acq: 19 Sep 2019 12:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 51279

Ion Ratio Lower Upper

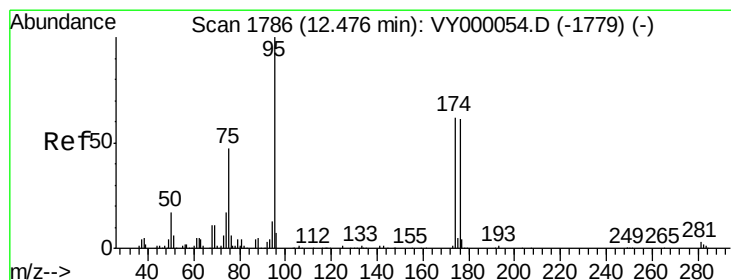
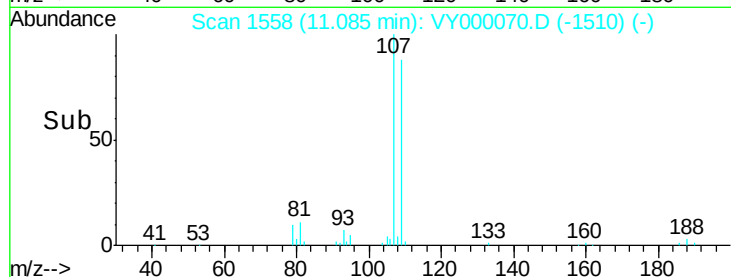
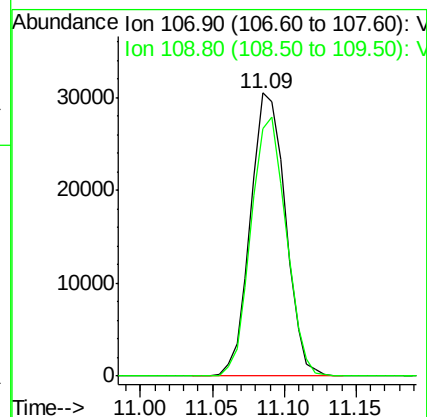
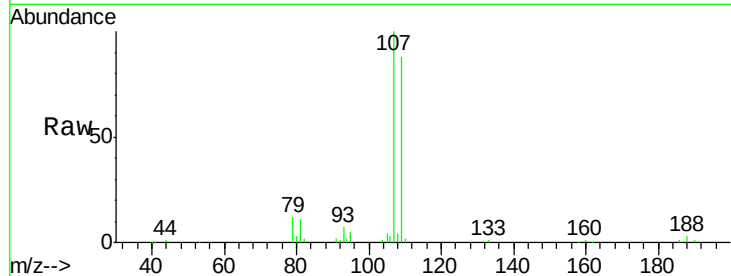
107 100

109 91.4 75.0 112.6

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#62

4-Bromofluorobenzene

Concen: 45.388 ug/l

RT: 12.48 min Scan# 1787

Delta R.T. 0.01 min

Lab File: VY000070.D

Acq: 19 Sep 2019 12:05

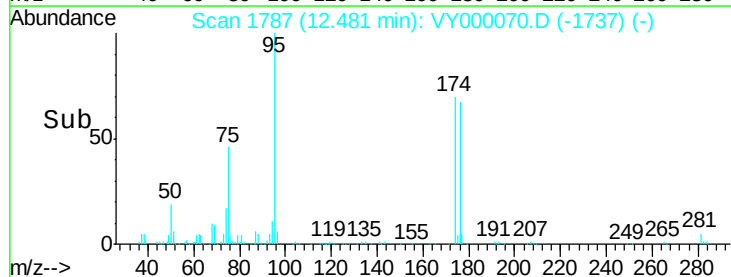
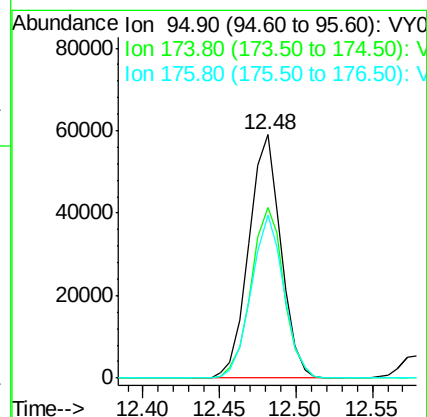
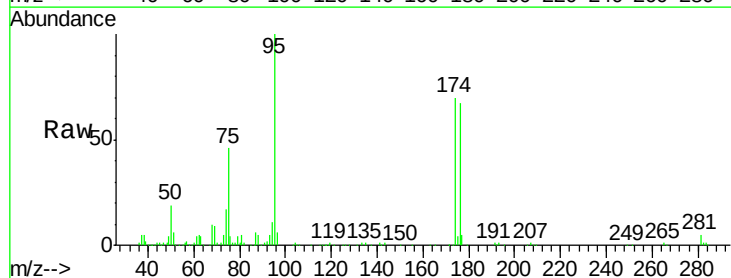
Tgt Ion: 95 Resp: 86029

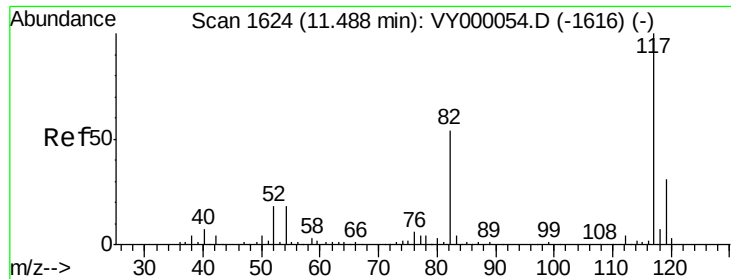
Ion Ratio Lower Upper

95 100

174 71.7 0.0 137.2

176 68.1 0.0 135.0





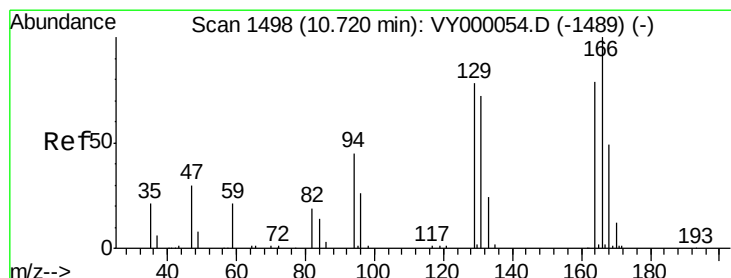
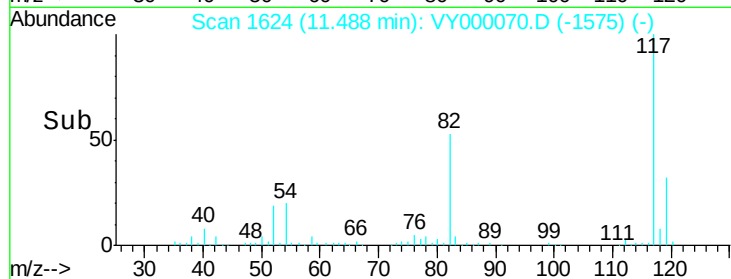
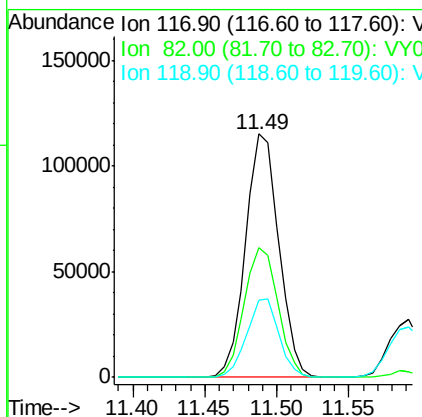
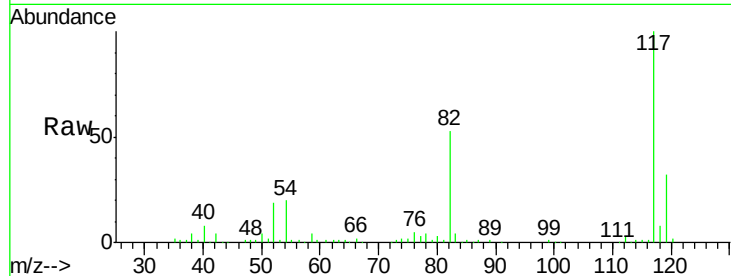
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1624
Delta R.T. -0.00 min
Lab File: VY000070.D
Acq: 19 Sep 2019 12:05

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.1	43.5	65.3
119	31.5	24.6	36.8

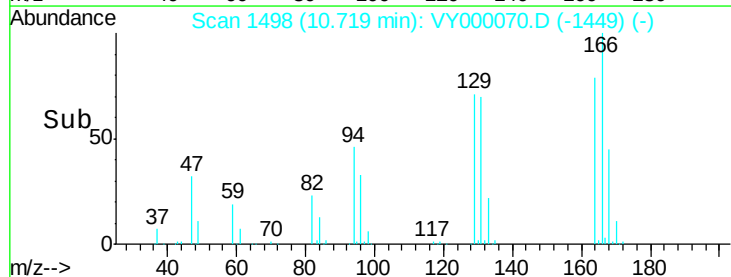
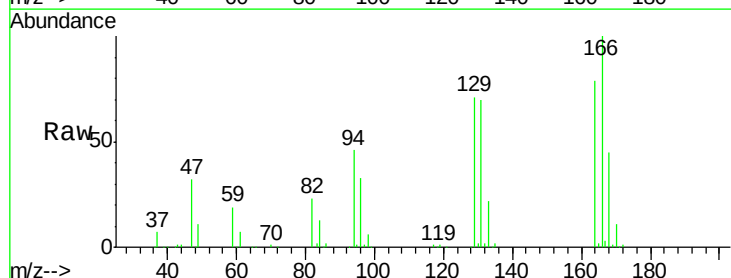
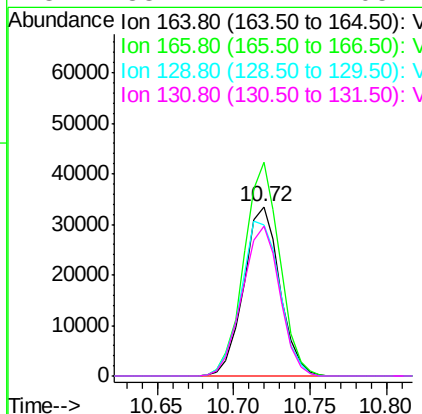
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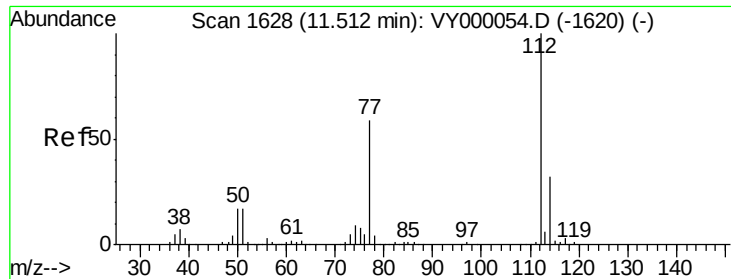
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#64
Tetrachloroethene
Concen: 47.436 ug/l
RT: 10.72 min Scan# 1498
Delta R.T. -0.00 min
Lab File: VY000070.D
Acq: 19 Sep 2019 12:05

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.1	100.9	151.3
129	89.5	78.4	117.6
131	88.2	72.2	108.2





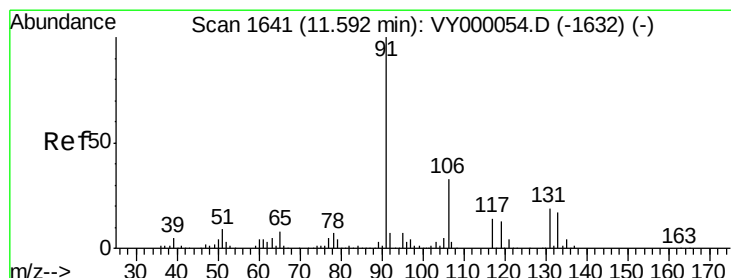
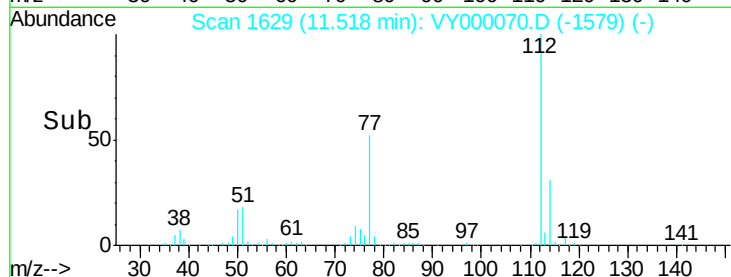
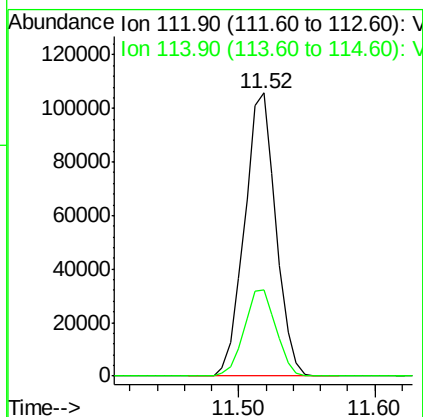
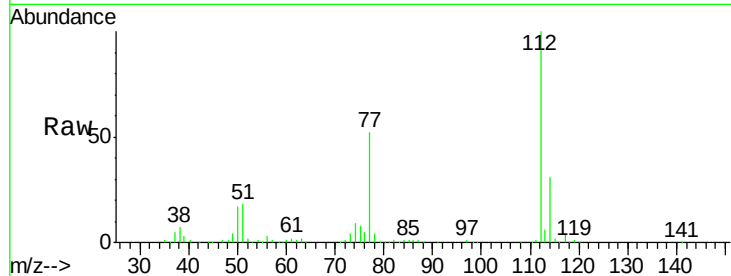
#65
Chlorobenzene
Concen: 46.882 ug/l
RT: 11.52 min Scan# 1629
Delta R.T. 0.01 min
Lab File: VY000070.D
Acq: 19 Sep 2019 12:05

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 170194
Ion Ratio Lower Upper
112 100
114 30.6 25.6 38.4

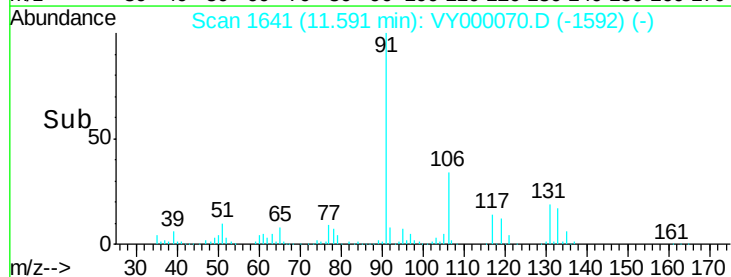
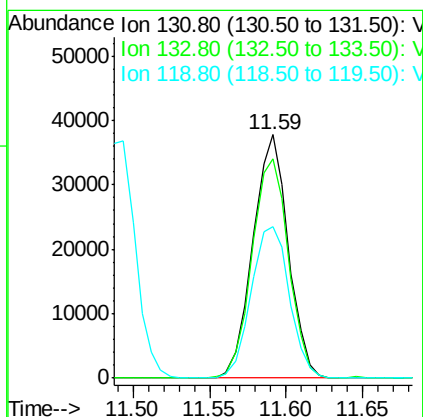
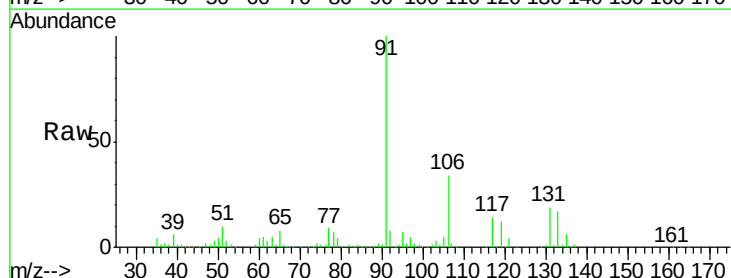
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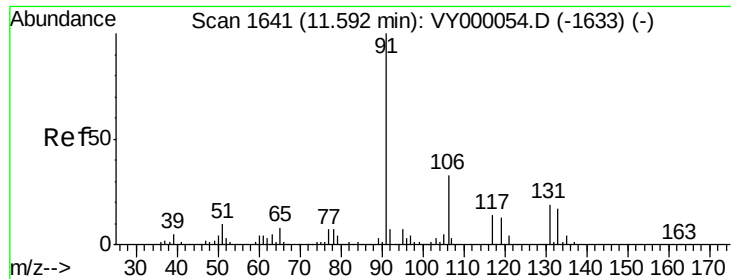
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.389 ug/l
RT: 11.59 min Scan# 1641
Delta R.T. -0.00 min
Lab File: VY000070.D
Acq: 19 Sep 2019 12:05

Tgt Ion:131 Resp: 60623
Ion Ratio Lower Upper
131 100
133 93.4 46.6 139.8
119 67.4 36.2 108.6





#67

Ethyl Benzene

Concen: 46.049 ug/l

RT: 11.59 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VY000070.D

Acq: 19 Sep 2019 12:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 298339

Ion Ratio Lower Upper

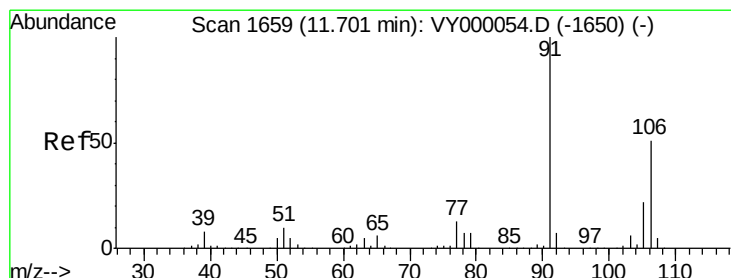
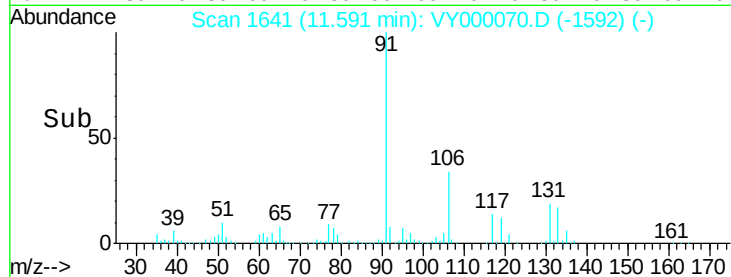
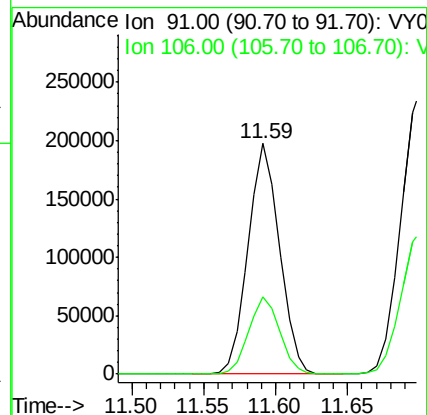
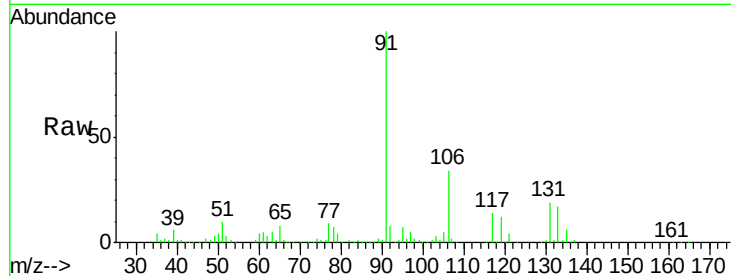
91 100

106 33.6 26.6 40.0

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#68

m/p-Xylenes

Concen: 93.640 ug/l

RT: 11.70 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VY000070.D

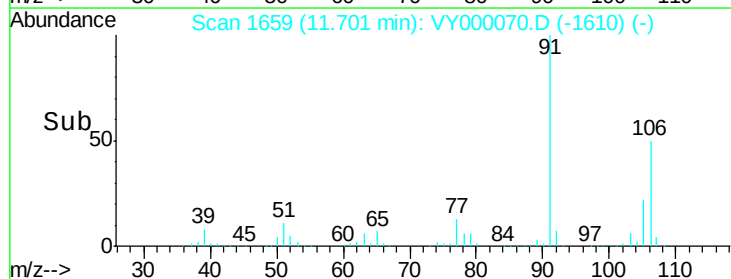
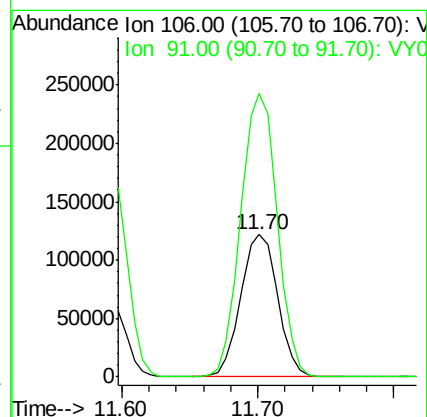
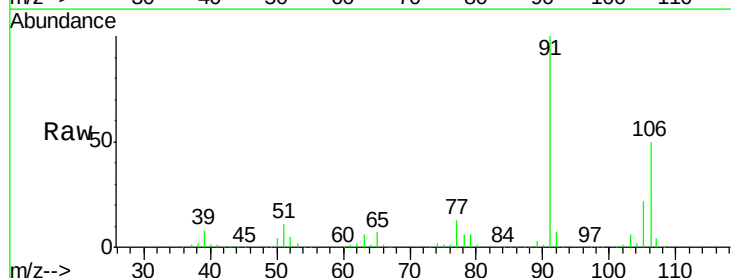
Acq: 19 Sep 2019 12:05

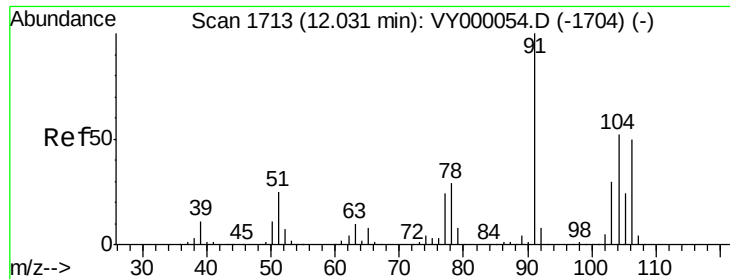
Tgt Ion: 106 Resp: 230843

Ion Ratio Lower Upper

106 100

91 197.2 154.5 231.7





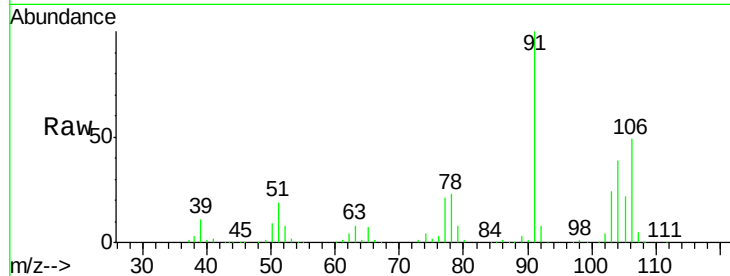
#69
o-Xylene
Concen: 47.248 ug/l
RT: 12.03 min Scan# 1713
Delta R.T. -0.00 min
Lab File: VY000070.D
Acq: 19 Sep 2019 12:05

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

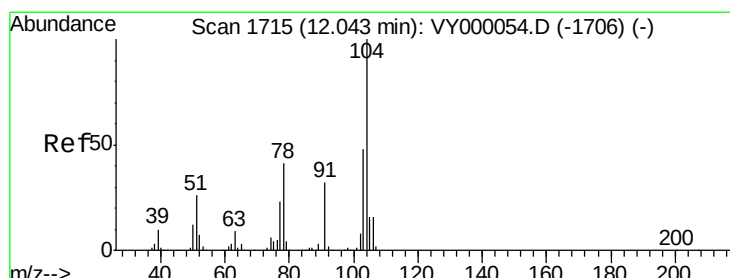
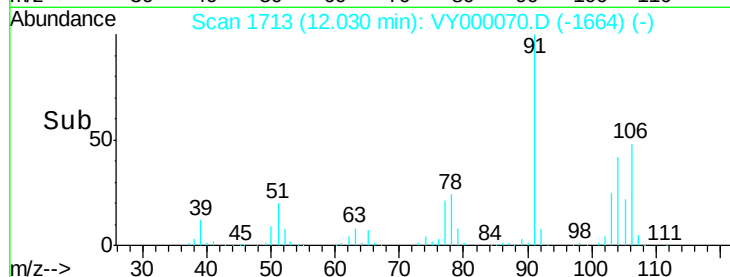
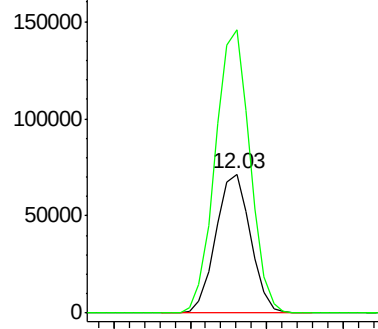
Tot Ion:106 Resp: 112780
Ion Ratio Lower Upper
106 100
91 203.8 103.5 310.3

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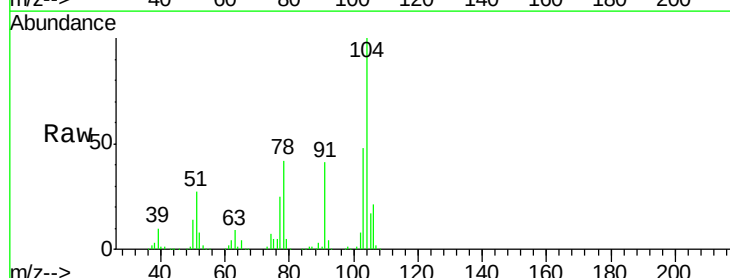


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

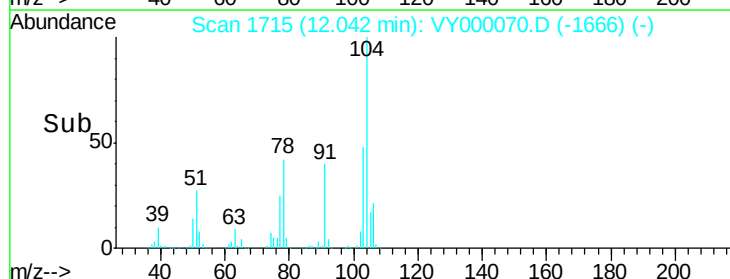
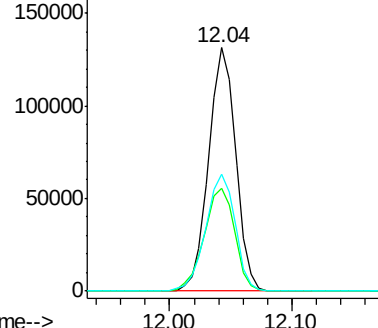


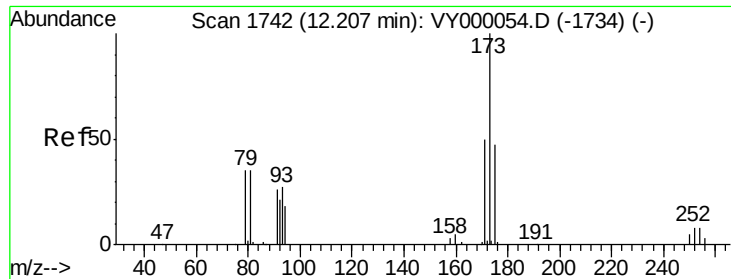
#70
Styrene
Concen: 47.962 ug/l
RT: 12.04 min Scan# 1715
Delta R.T. -0.00 min
Lab File: VY000070.D
Acq: 19 Sep 2019 12:05

Tgt Ion:104 Resp: 200981
Ion Ratio Lower Upper
104 100
78 47.4 37.7 56.5
103 52.0 42.2 63.4



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VY0
Ion 103.00 (102.70 to 103.70): V





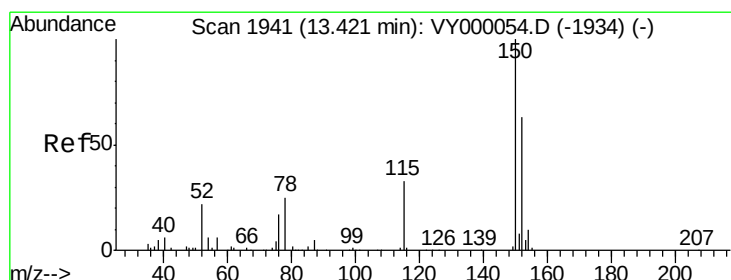
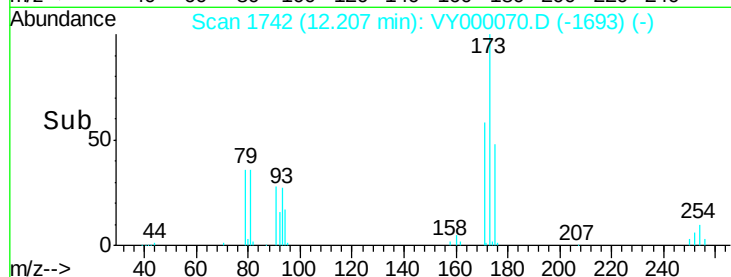
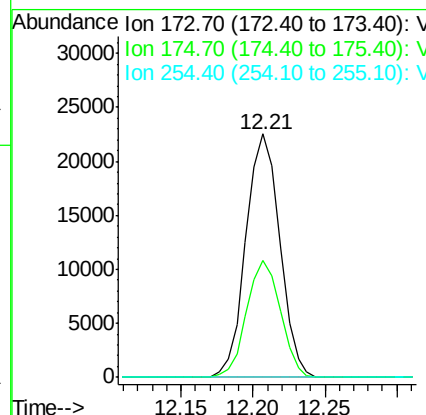
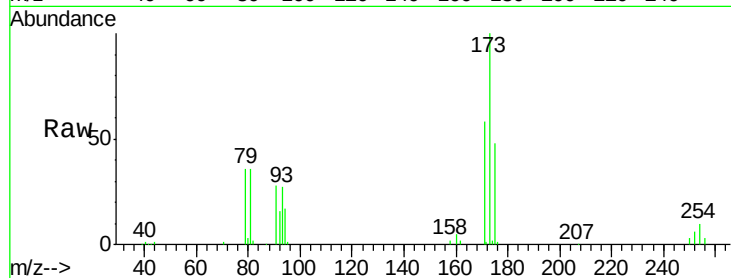
#71
Bromoform
Concen: 51.727 ug/l
RT: 12.21 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VY000070.D
Acq: 19 Sep 2019 12:05

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.6	23.6	71.0
254	0.0	0.0	0.0

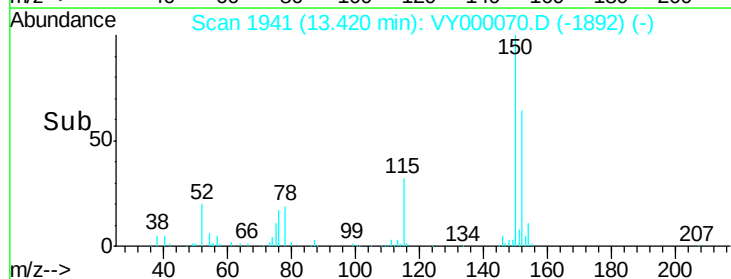
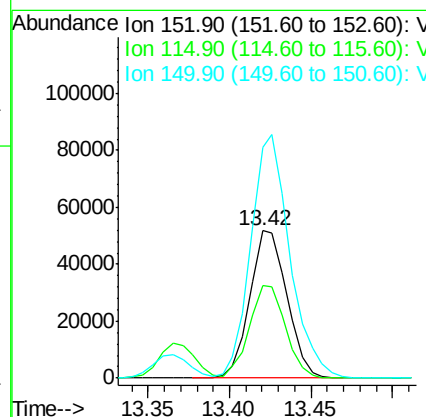
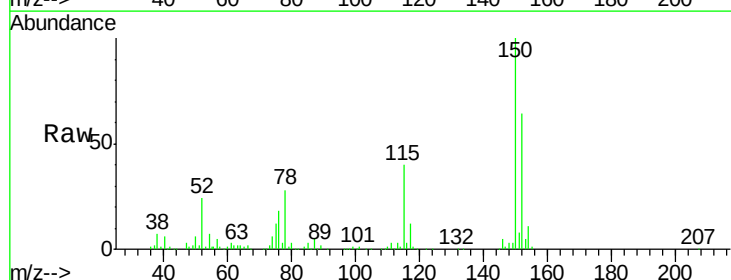
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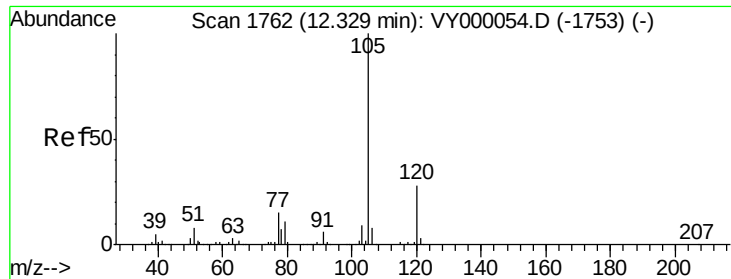
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1941
Delta R.T. -0.00 min
Lab File: VY000070.D
Acq: 19 Sep 2019 12:05

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.5	30.7	92.1
150	174.4	0.0	351.6





#73

Isopropylbenzene

Concen: 45.374 ug/l

RT: 12.33 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000070.D

Acq: 19 Sep 2019 12:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 298823

Ion Ratio Lower Upper

105 100

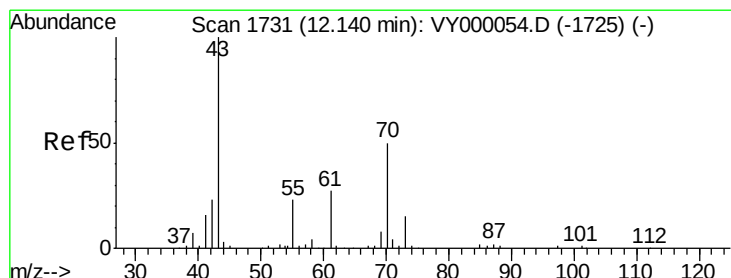
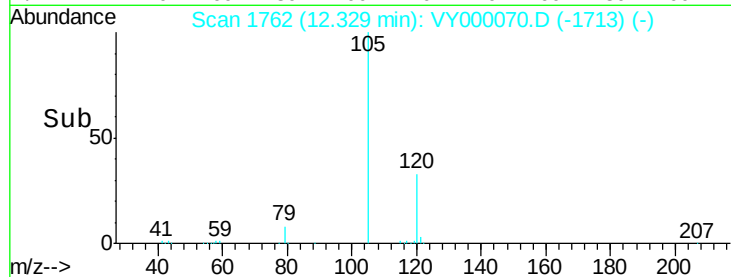
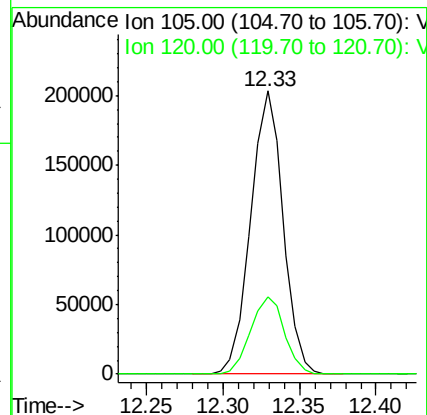
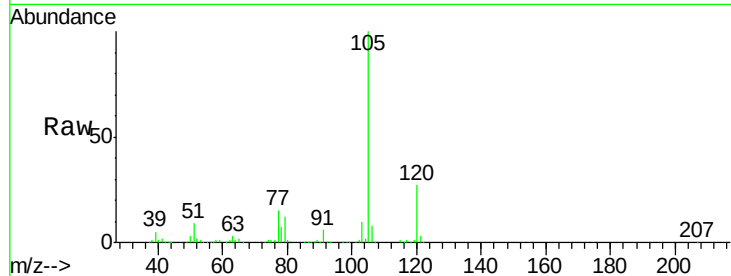
120 28.5 13.9 41.7

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#74

N-ethyl acetate

Concen: 48.793 ug/l

RT: 12.15 min Scan# 1732

Delta R.T. 0.01 min

Lab File: VY000070.D

Acq: 19 Sep 2019 12:05

Tgt Ion: 43 Resp: 91544

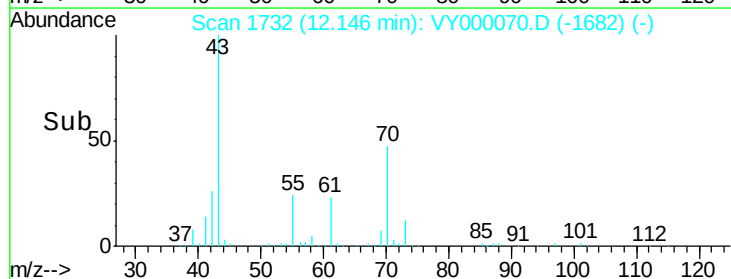
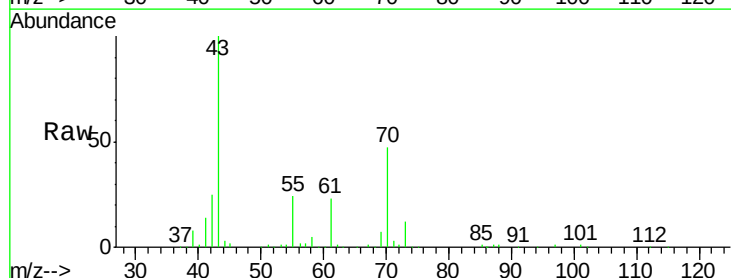
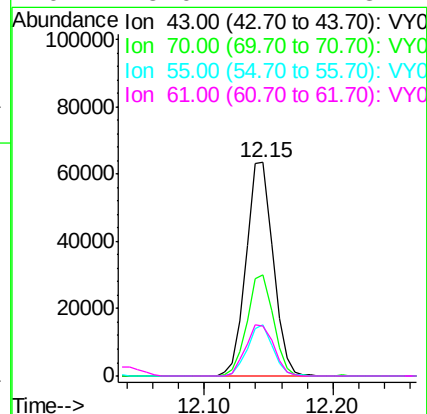
Ion Ratio Lower Upper

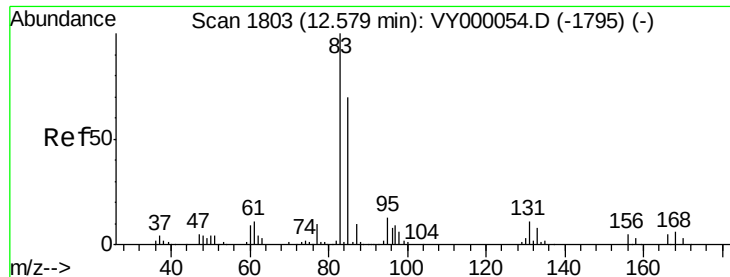
43 100

70 46.1 38.8 58.2

55 22.8 18.8 28.2

61 25.0 21.4 32.2





#75

1,1,2,2-Tetrachloroethane

Concen: 46.153 ug/l

RT: 12.58 min Scan# 1804

Delta R.T. 0.01 min

Lab File: VY000070.D

Acq: 19 Sep 2019 12:05

Instrument :

MSVOA_Y

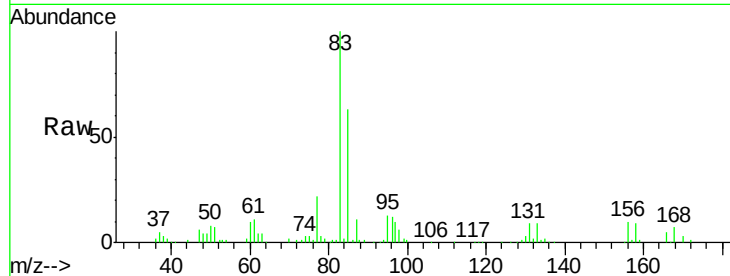
ClientSampleId :

VSTDCCC050

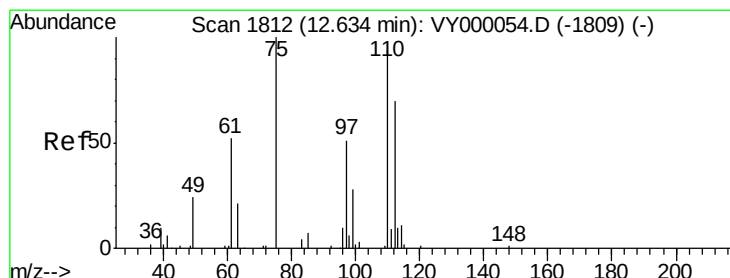
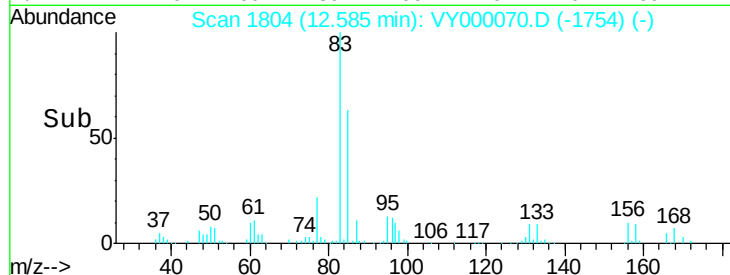
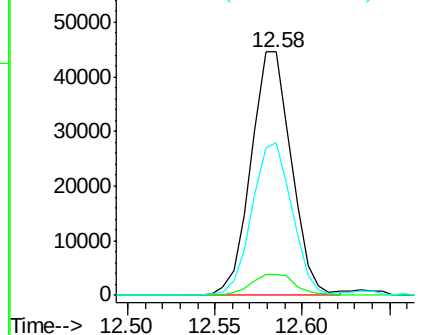
Tot Ion:	83	Resp:	71549
Ion Ratio	Lower	Upper	
83	100		
131	9.6	4.9	14.7
85	62.3	32.5	97.4

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



#76

1,2,3-Trichloropropane

Concen: 40.032 ug/l m

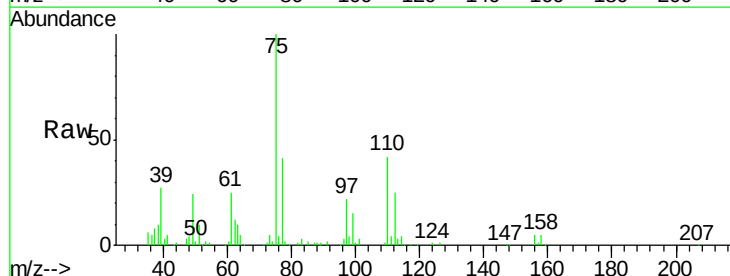
RT: 12.63 min Scan# 1812

Delta R.T. -0.00 min

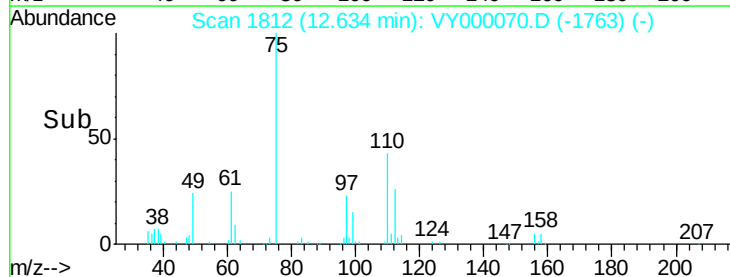
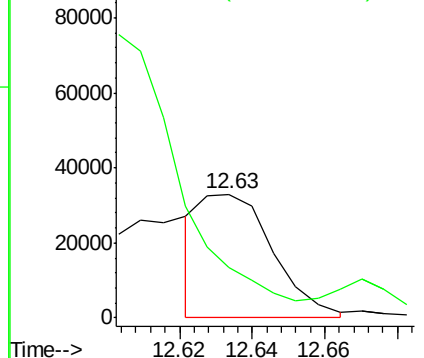
Lab File: VY000070.D

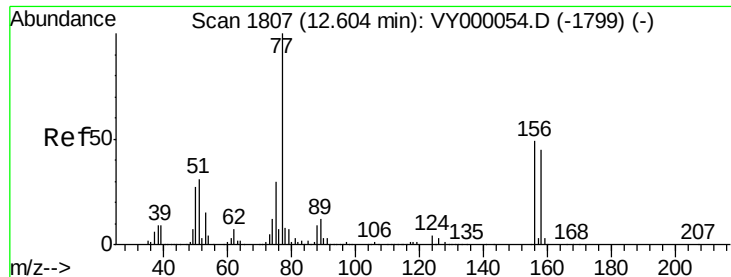
Acq: 19 Sep 2019 12:05

Tgt Ion:	75	Resp:	46028
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



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





#77

Bromobenzene

Concen: 47.801 ug/l

RT: 12.60 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY000070.D

Acq: 19 Sep 2019 12:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:156 Resp: 65734

Ion Ratio Lower Upper

156 100

77 211.0 109.7 329.0

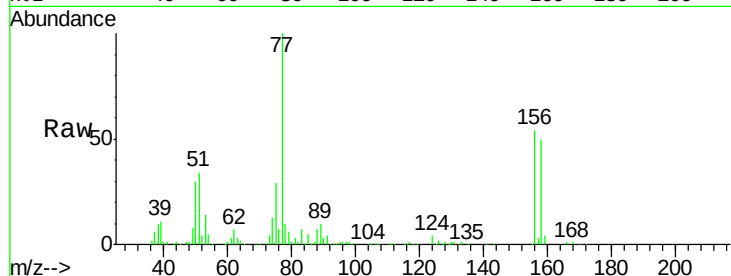
158 97.0 48.0 144.2

Manual Integrations

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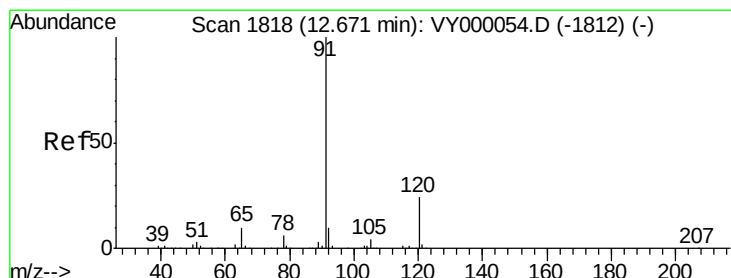
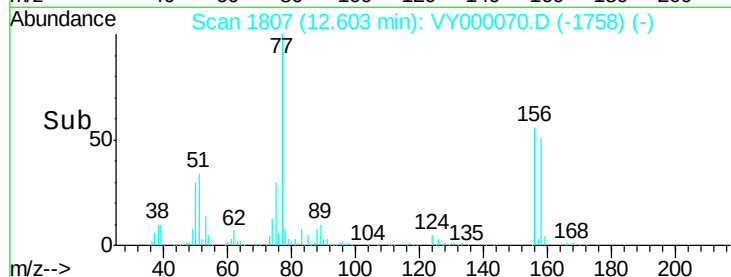
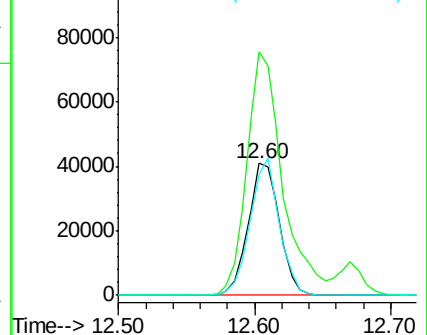
9/24/2019 5:30:33 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 45.682 ug/l

RT: 12.67 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VY000070.D

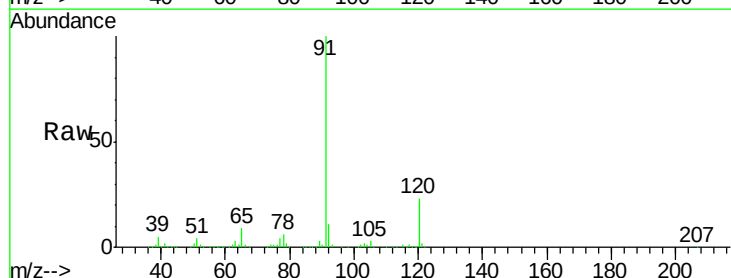
Acq: 19 Sep 2019 12:05

Tgt Ion: 91 Resp: 366981

Ion Ratio Lower Upper

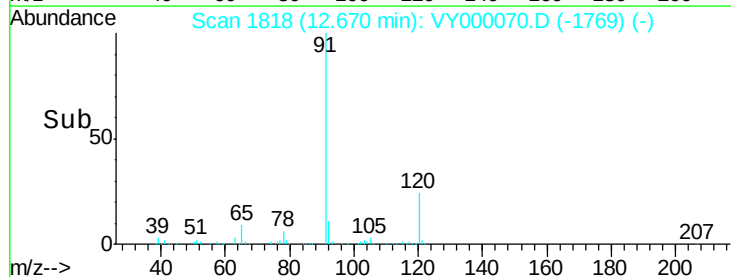
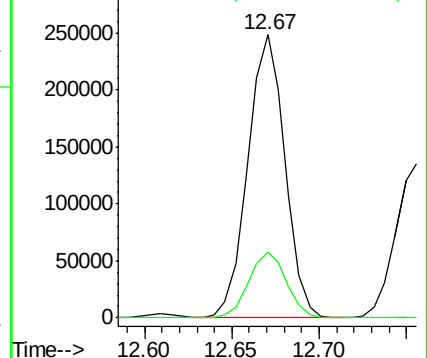
91 100

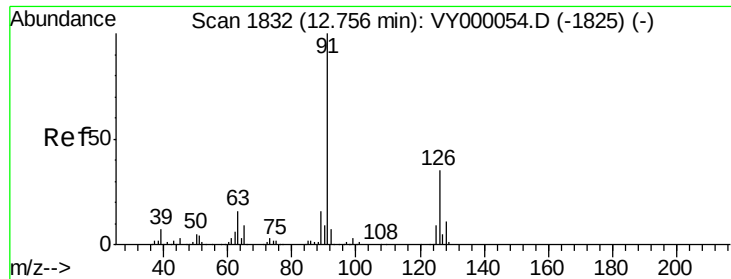
120 23.5 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 45.822 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VY000070.D

Acq: 19 Sep 2019 12:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 205791

Ion Ratio Lower Upper

91 100

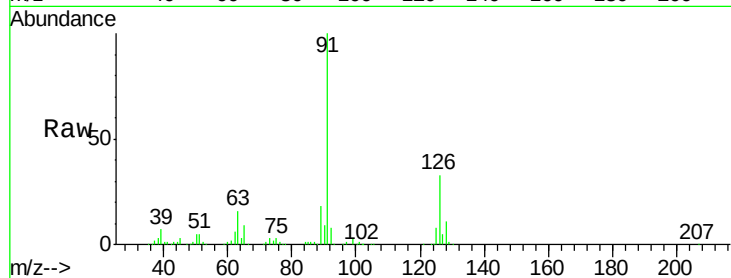
126 33.8 17.2 51.5

Manual Integrations

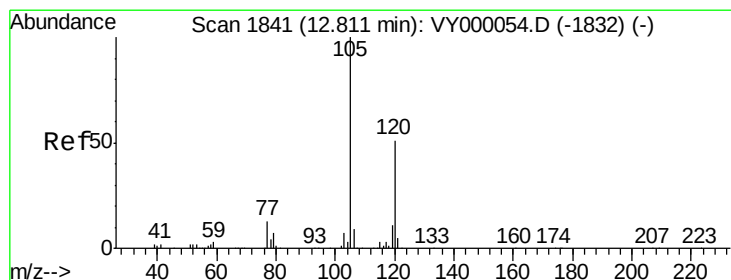
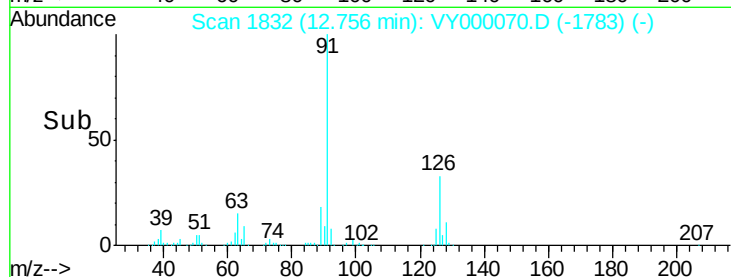
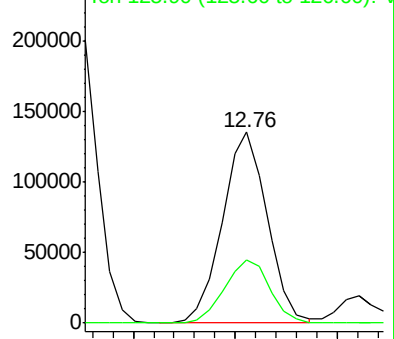
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Abundance Ion 91.00 (90.70 to 91.70): VY000054.D (-1825) (-)



#80

1,3,5-Trimethylbenzene

Concen: 45.578 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VY000070.D

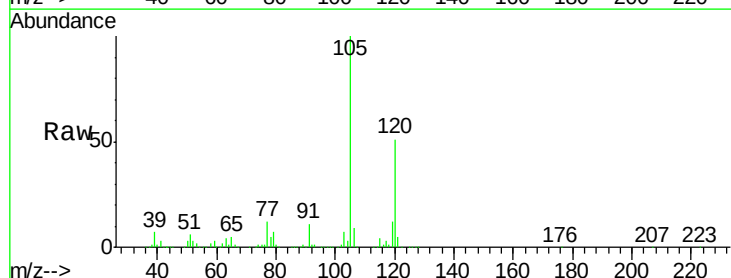
Acq: 19 Sep 2019 12:05

Tgt Ion: 105 Resp: 248643

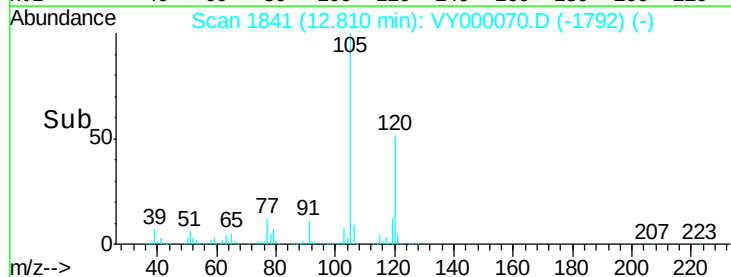
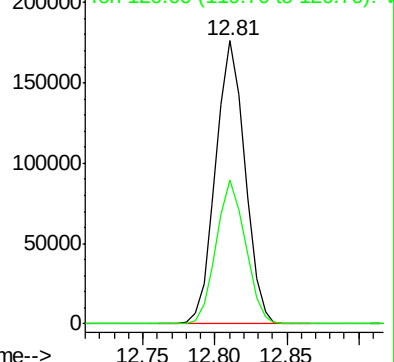
Ion Ratio Lower Upper

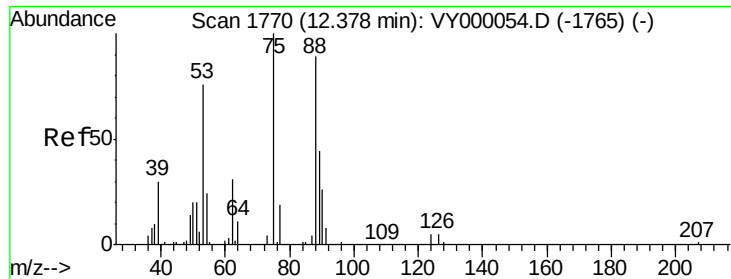
105 100

120 50.2 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VY000054.D (-1832) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 45.160 ug/l

RT: 12.38 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VY000070.D

Acq: 19 Sep 2019 12:05

Instrument :

MSVOA_Y

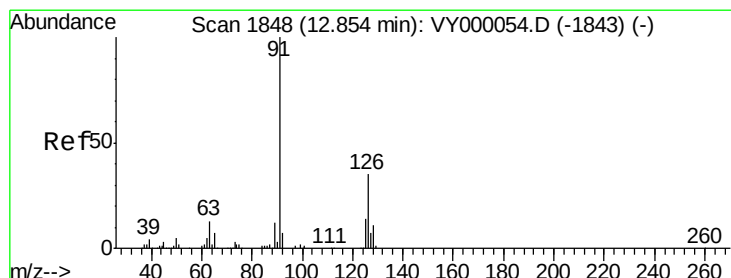
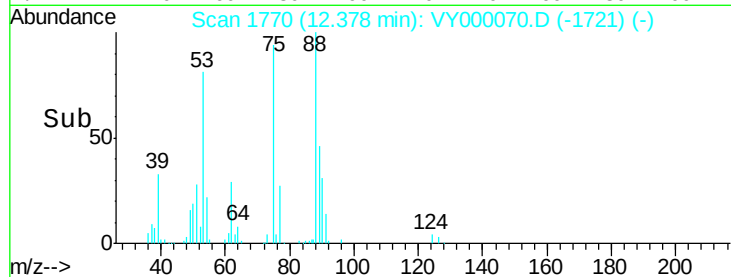
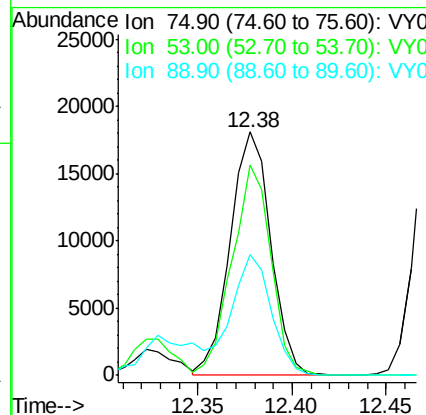
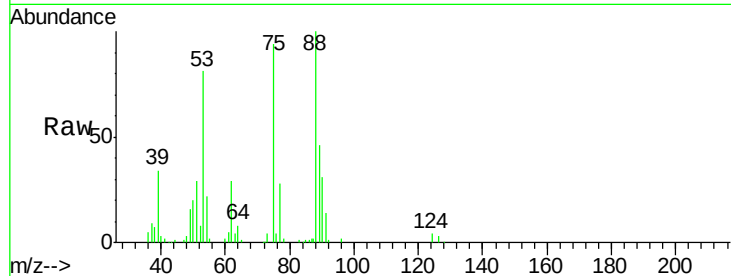
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	26998
Ion Ratio	Lower	Upper	
75	100		
53	82.9	60.9	91.3
89	48.9	35.3	52.9

Manual Integrations
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#82

4-Chlorotoluene

Concen: 46.609 ug/l

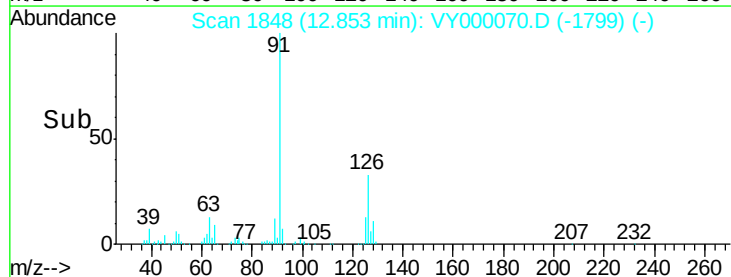
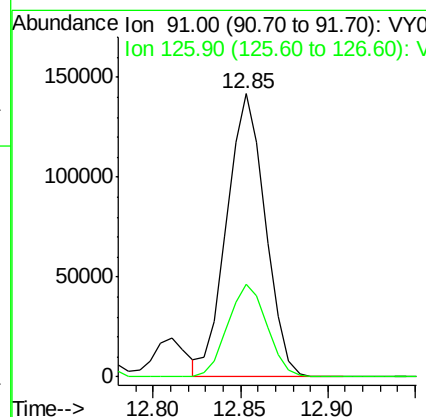
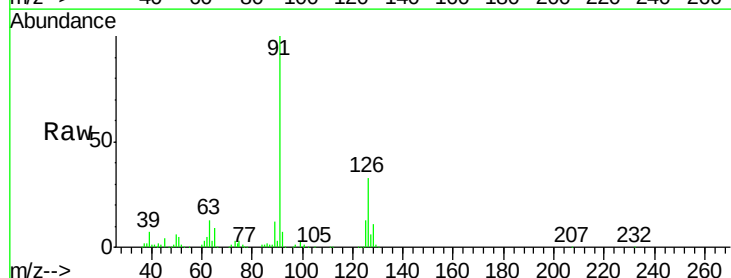
RT: 12.85 min Scan# 1848

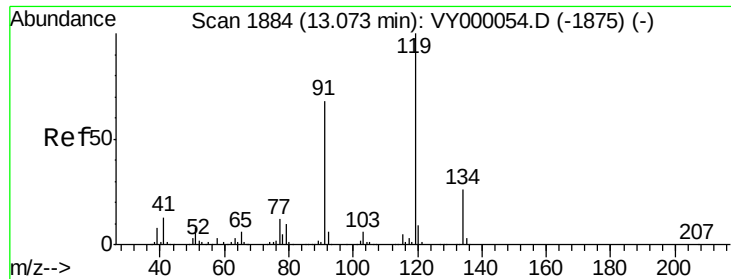
Delta R.T. -0.00 min

Lab File: VY000070.D

Acq: 19 Sep 2019 12:05

Tgt Ion:	91	Resp:	216451
Ion Ratio	Lower	Upper	
91	100		
126	33.1	16.7	50.1





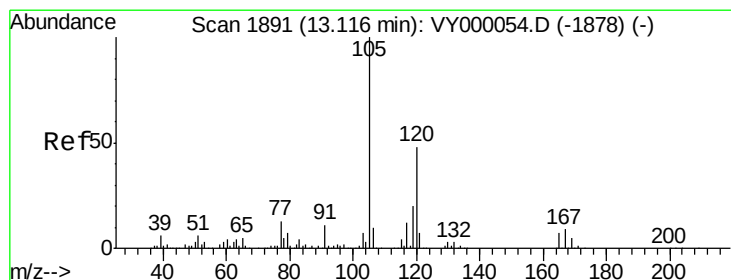
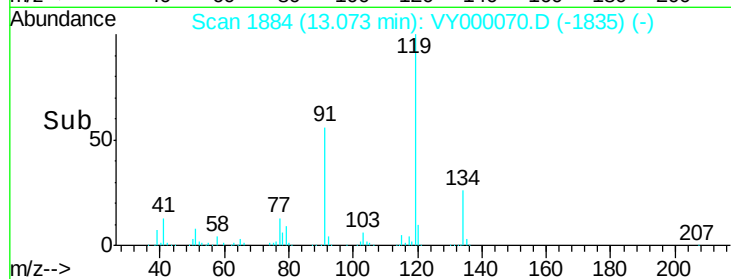
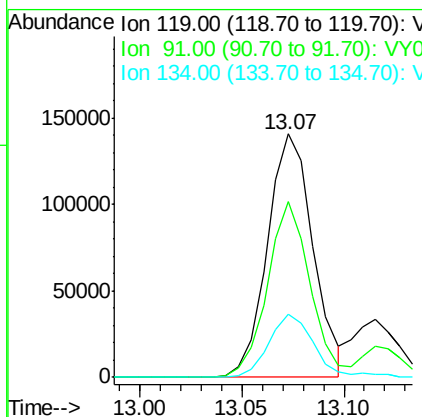
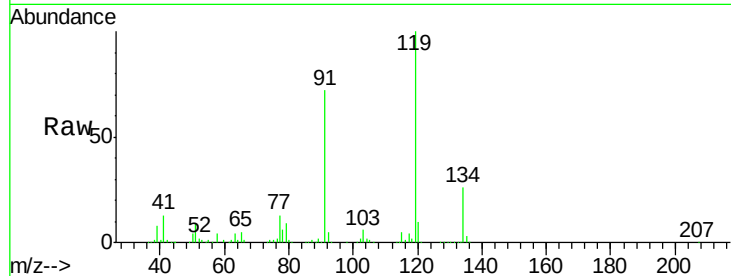
#83
 tert-Butylbenzene
 Concen: 46.960 ug/l
 RT: 13.07 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VY000070.D
 Acq: 19 Sep 2019 12:05

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	219180		
91	67.9	33.4	100.1	
134	26.2	12.7	38.0	

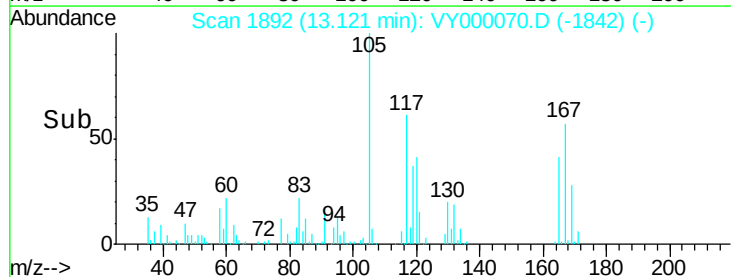
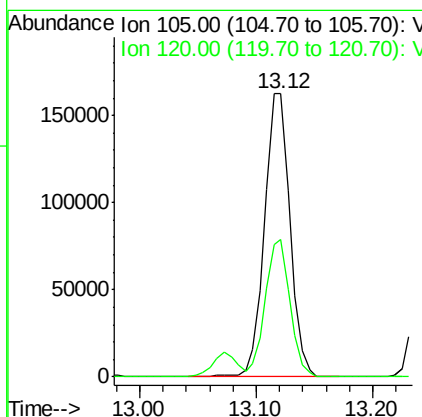
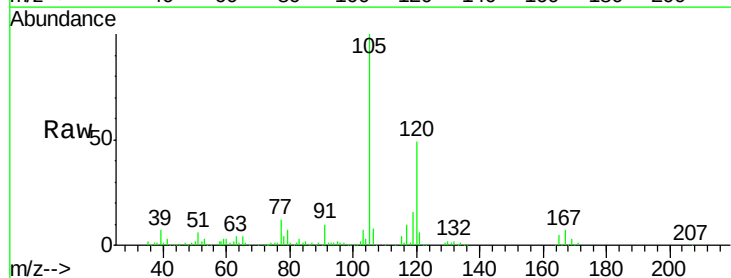
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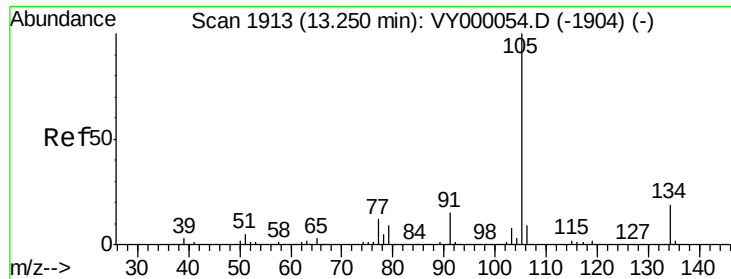
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 9/24/2019 5:30:33 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 46.201 ug/l
 RT: 13.12 min Scan# 1892
 Delta R.T. 0.01 min
 Lab File: VY000070.D
 Acq: 19 Sep 2019 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	248487		
120	46.9	22.9	68.7	





#85

sec-Butylbenzene

Concen: 45.469 ug/l

RT: 13.25 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VY000070.D

Acq: 19 Sep 2019 12:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 313541

Ion Ratio Lower Upper

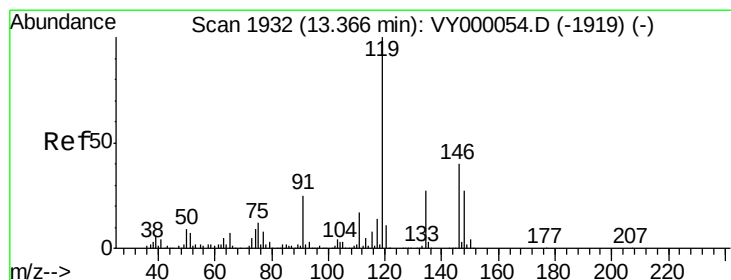
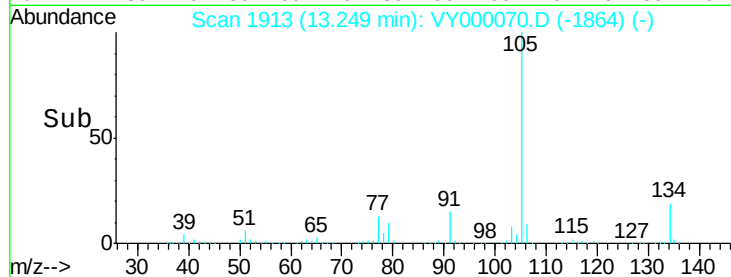
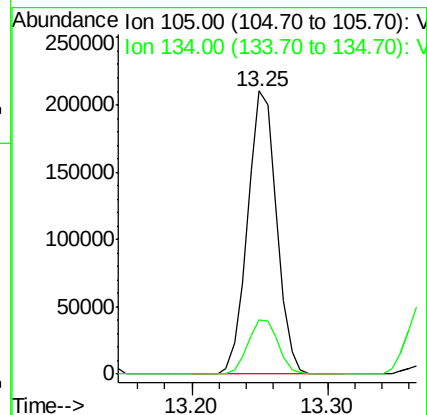
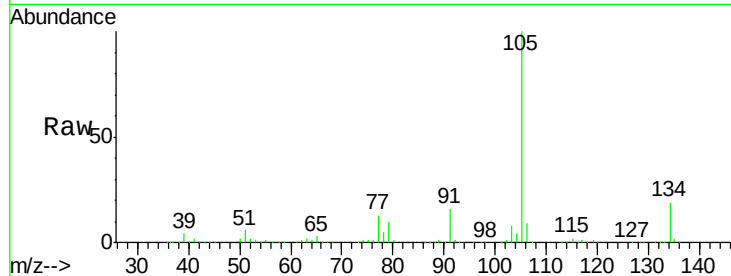
105 100

134 20.0 9.8 29.4

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#86

p-Isopropyltoluene

Concen: 46.513 ug/l

RT: 13.37 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VY000070.D

Acq: 19 Sep 2019 12:05

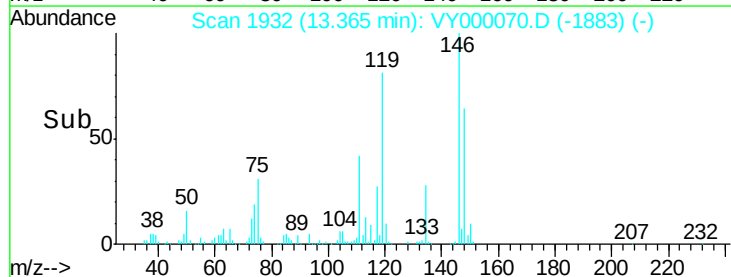
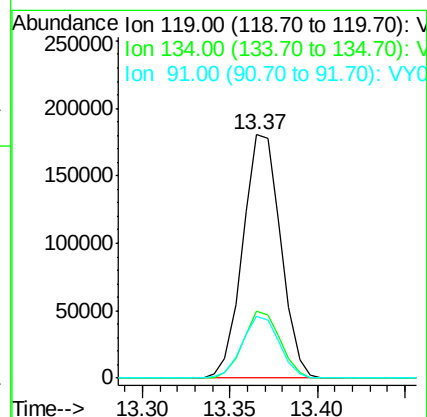
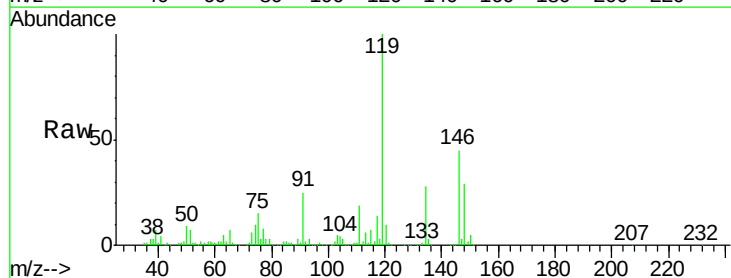
Tgt Ion:119 Resp: 271875

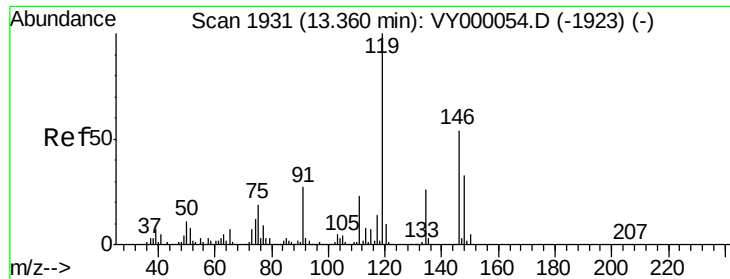
Ion Ratio Lower Upper

119 100

134 26.9 13.4 40.2

91 25.1 12.4 37.4





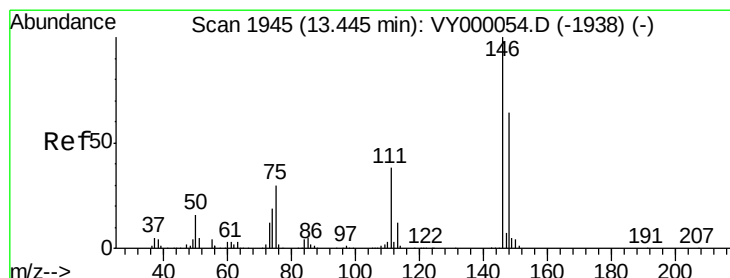
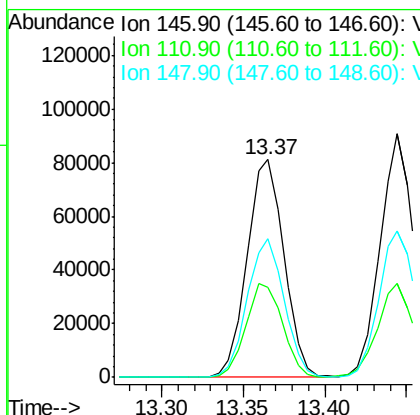
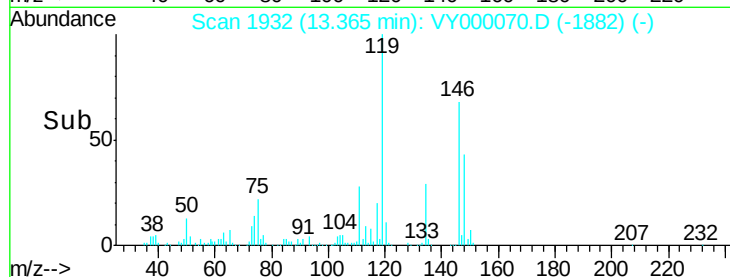
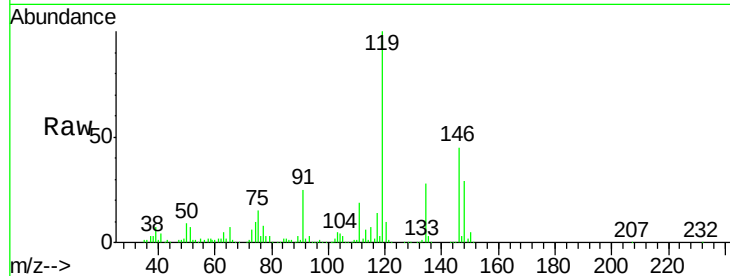
#87
 1,3-Dichlorobenzene
 Concen: 46.957 ug/l
 RT: 13.37 min Scan# 1932
 Delta R.T. 0.01 min
 Lab File: VY000070.D
 Acq: 19 Sep 2019 12:05

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.9	21.1	63.1
148	63.7	31.8	95.3

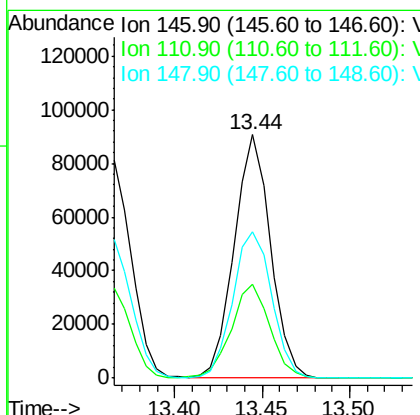
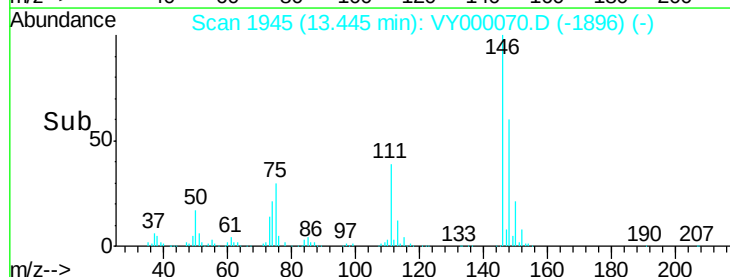
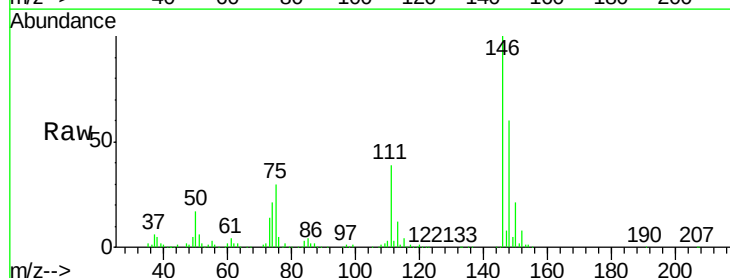
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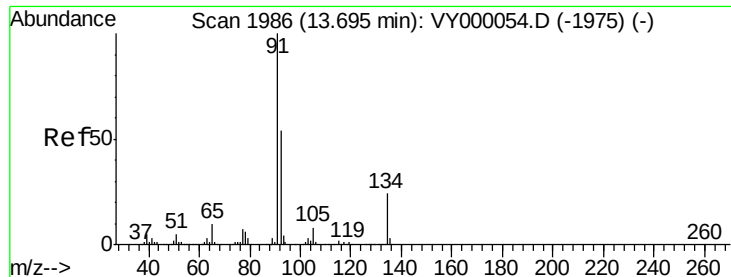
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#88
 1,4-Dichlorobenzene
 Concen: 47.932 ug/l
 RT: 13.44 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VY000070.D
 Acq: 19 Sep 2019 12:05

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.8	62.4
148	64.2	31.5	94.5





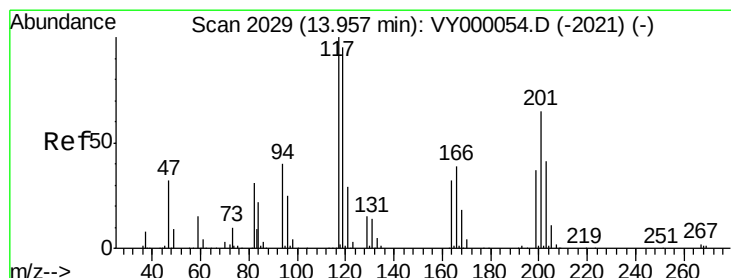
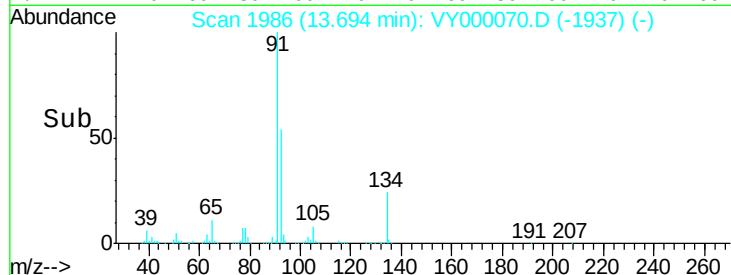
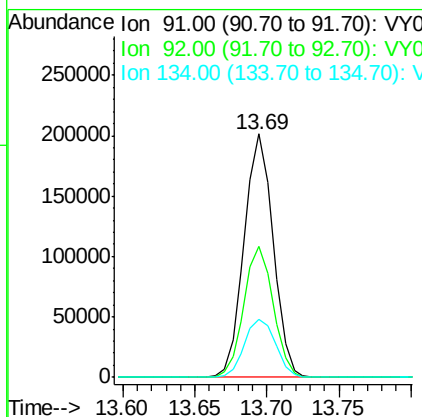
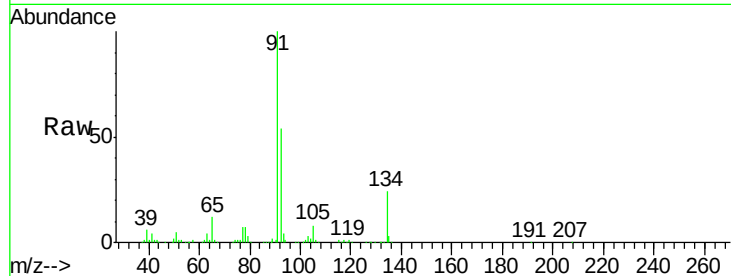
#89
n-Butylbenzene
Concen: 46.791 ug/l
RT: 13.69 min Scan# 1986
Delta R.T. -0.00 min
Lab File: VY000070.D
Acq: 19 Sep 2019 12:05

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.1	27.2	81.5
134	25.6	12.2	36.6

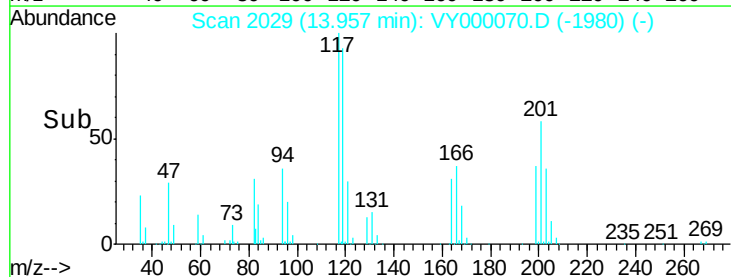
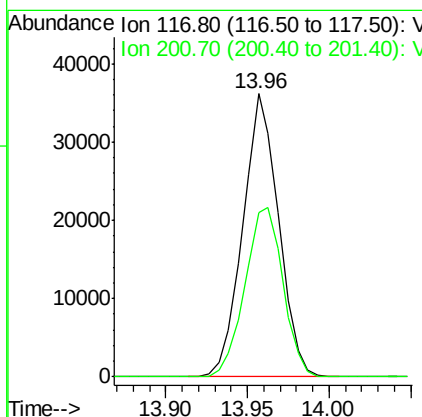
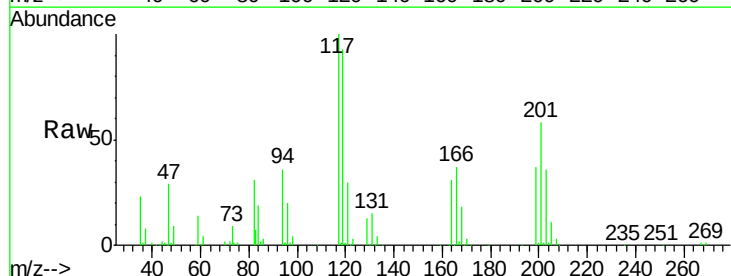
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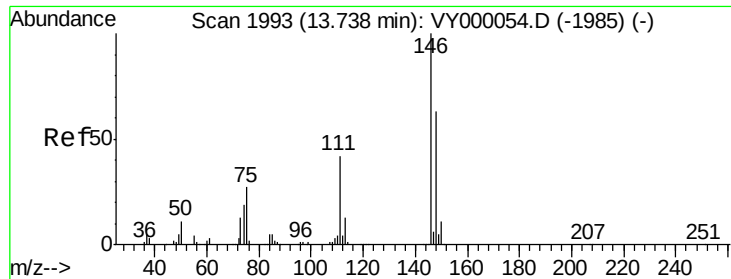
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#90
Hexachloroethane
Concen: 48.096 ug/l
RT: 13.96 min Scan# 2029
Delta R.T. -0.00 min
Lab File: VY000070.D
Acq: 19 Sep 2019 12:05

Tgt Ion	Ratio	Lower	Upper
117	100		
201	63.5	30.6	92.0





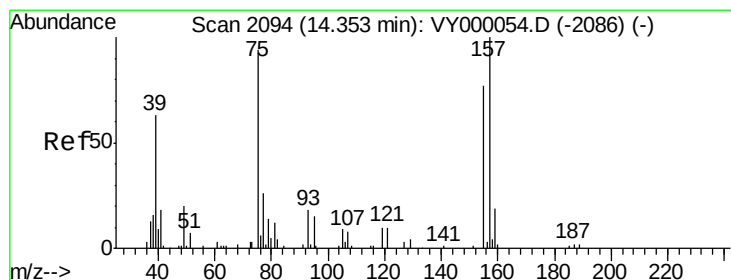
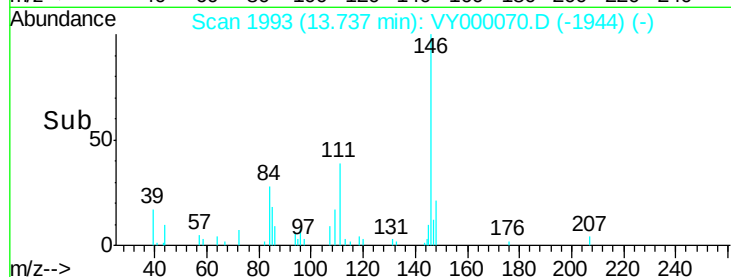
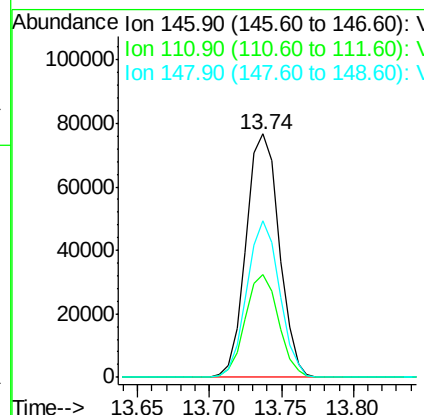
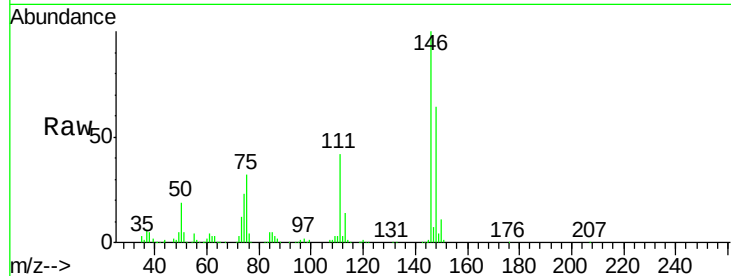
#91
 1,2-Dichlorobenzene
 Concen: 47.646 ug/l
 RT: 13.74 min Scan# 1993
 Delta R.T. -0.00 min
 Lab File: VY000070.D
 Acq: 19 Sep 2019 12:05

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	122114		
111	42.6	21.9	65.7	
148	63.4	32.4	97.2	

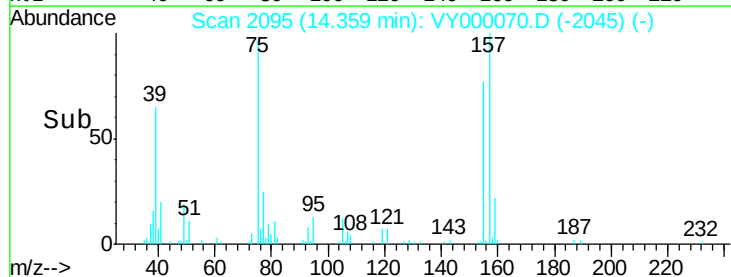
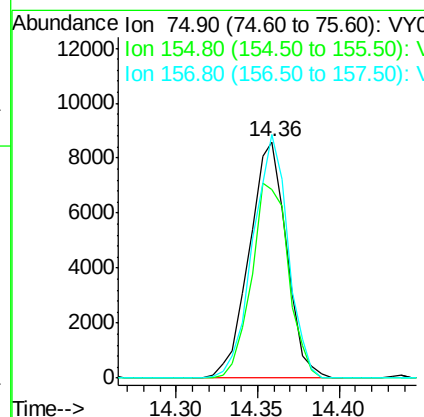
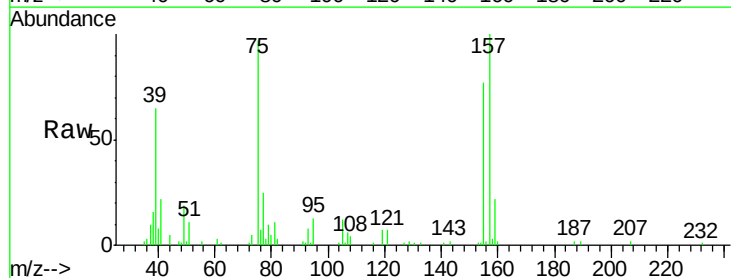
Manual Integrations
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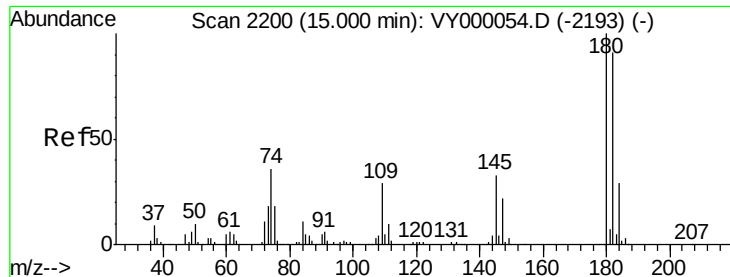
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 9/24/2019 5:30:33 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.551 ug/l
 RT: 14.36 min Scan# 2095
 Delta R.T. 0.01 min
 Lab File: VY000070.D
 Acq: 19 Sep 2019 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	13677		
155	81.6	40.6	121.7	
157	96.9	52.9	158.8	





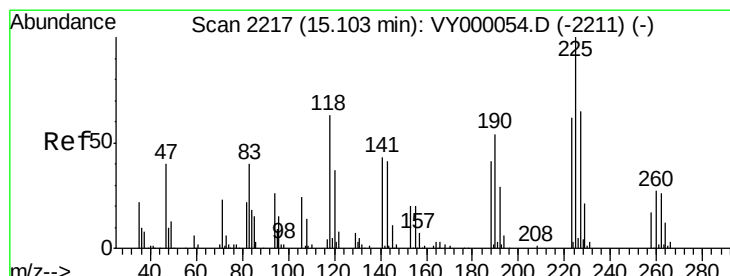
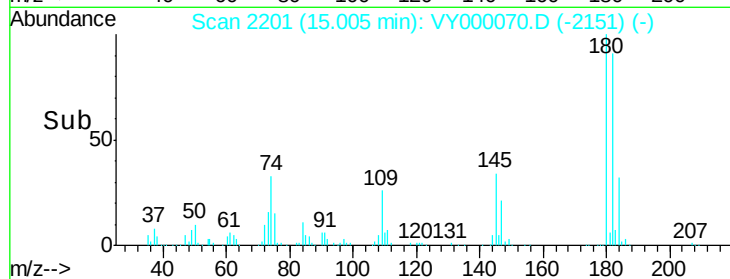
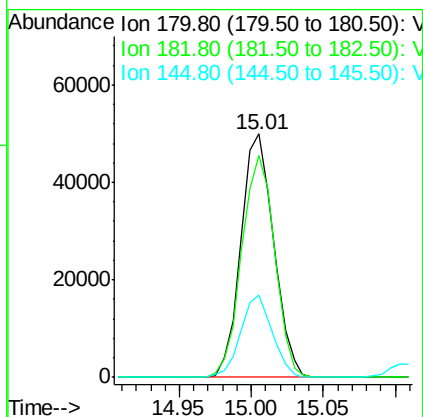
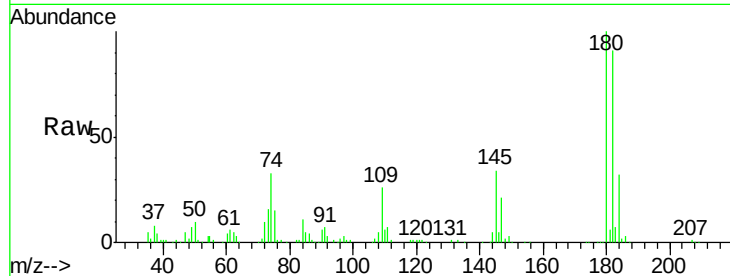
#93
 1,2,4-Trichlorobenzene
 Concen: 50.963 ug/l
 RT: 15.01 min Scan# 2201
 Delta R.T. 0.01 min
 Lab File: VY000070.D
 Acq: 19 Sep 2019 12:05

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	78815		
182	91.4	48.5	145.6	
145	32.7	17.2	51.6	

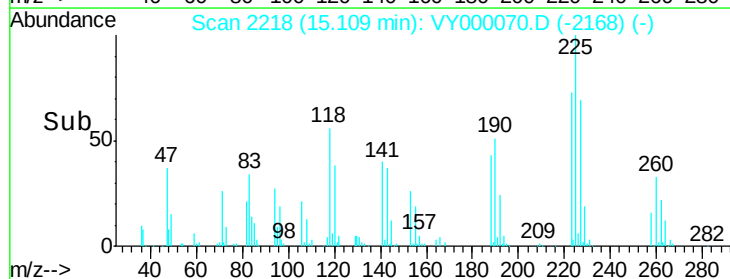
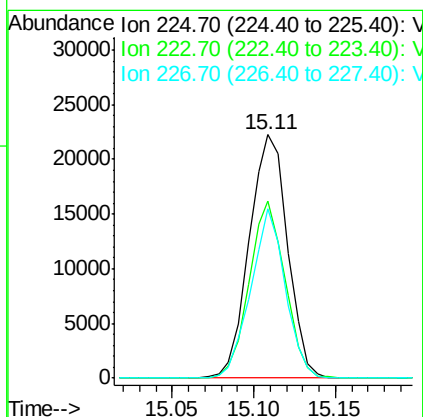
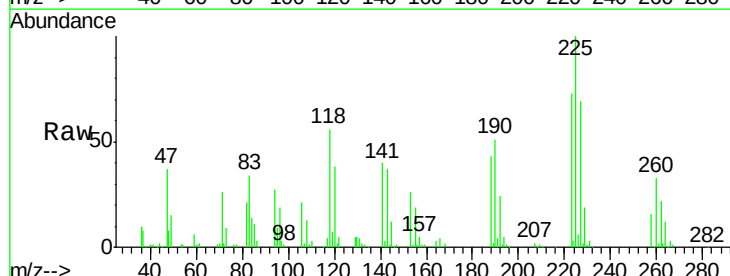
Manual Integrations
 APPROVED

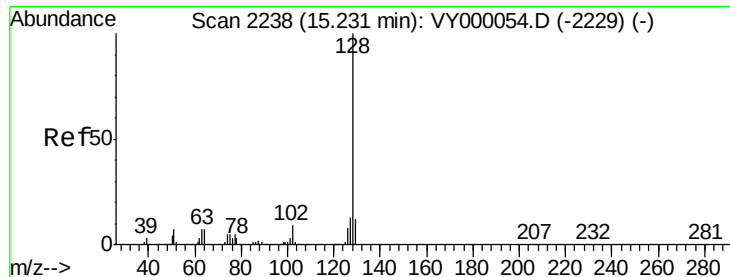
MMDadoda
 9/24/2019 5:30:33 AM



#94
 Hexachlorobutadiene
 Concen: 48.962 ug/l
 RT: 15.11 min Scan# 2218
 Delta R.T. 0.01 min
 Lab File: VY000070.D
 Acq: 19 Sep 2019 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	36355		
223	68.1	31.9	95.5	
227	62.6	30.6	91.6	





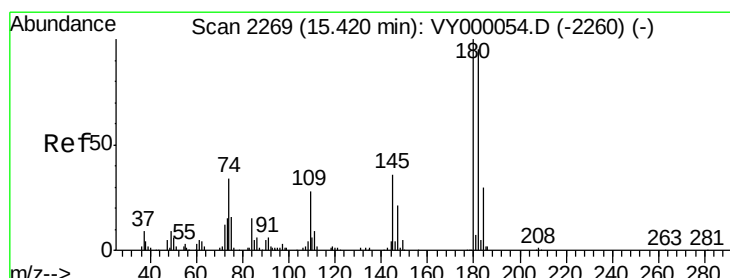
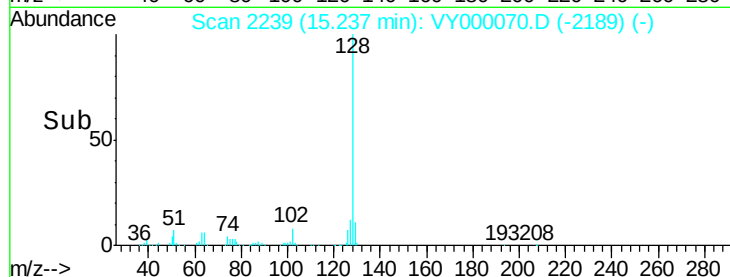
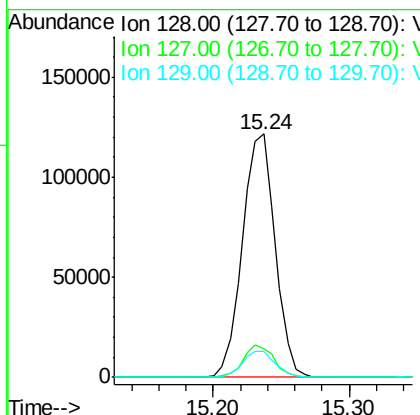
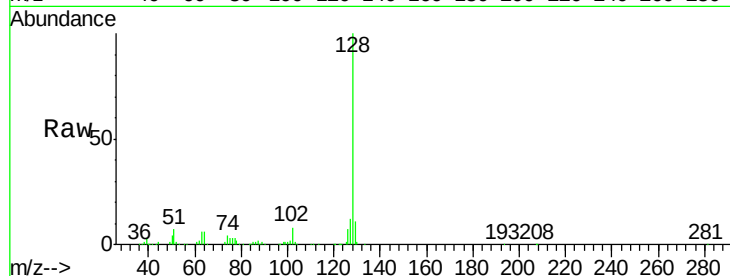
#95
Naphthalene
Concen: 46.668 ug/l
RT: 15.24 min Scan# 2239
Delta R.T. 0.01 min
Lab File: VY000070.D
Acq: 19 Sep 2019 12:05

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100	204883		
127	12.5		10.3	15.5
129	10.9		9.2	13.8

Manual Integrations
APPROVED

MMDadoda
9/24/2019 5:30:33 AM



#96
1,2,3-Trichlorobenzene
Concen: 48.311 ug/l
RT: 15.43 min Scan# 2270
Delta R.T. 0.01 min
Lab File: VY000070.D
Acq: 19 Sep 2019 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	71303		
182	92.9		47.5	142.5
145	34.2		17.4	52.2

