

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY042120\
 Data File : VY002452.D
 Acq On : 21 Apr 2020 22:21
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 4/22/2020 11:44:34 AM

Quant Time: Apr 22 05:20:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042020S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 20 15:14:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	262233	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	420281	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	379863	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	180957	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	93606	49.08	ug/l	0.01
Spiked Amount 50.000			Recovery	=	98.16%	
35) Dibromofluoromethane	7.74	113	108446	49.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.12%	
50) Toluene-d8	10.19	98	421054	47.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.18%	
62) 4-Bromofluorobenzene	12.49	95	136590	46.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.54%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.91	85	95347	53.219	ug/l	98
3) Chloromethane	2.13	50	115732	52.910	ug/l	98
4) Vinyl Chloride	2.26	62	123775	52.526	ug/l	98
5) Bromomethane	2.66	94	66958	43.818	ug/l	95
6) Chloroethane	2.81	64	62793	45.135	ug/l	99
7) Trichlorofluoromethane	3.15	101	176959	48.249	ug/l	96
8) Diethyl Ether	3.55	74	76277	52.695	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.93	101	118551	49.416	ug/l	99
10) Methyl Iodide	4.11	142	165873	51.275	ug/l	99
11) Tert butyl alcohol	4.99	59	46334	203.274	ug/l	98
12) 1,1-Dichloroethene	3.90	96	125759	50.504	ug/l	97
13) Acrolein	3.76	56	59463	265.451	ug/l	99
14) Allyl chloride	4.50	41	155610	50.812	ug/l	99
15) Acrylonitrile	5.20	53	164395	253.397	ug/l	99
16) Acetone	3.97	43	106115	208.200	ug/l	100
17) Carbon Disulfide	4.22	76	390336	51.447	ug/l	97
18) Methyl Acetate	4.50	43	71505	49.083	ug/l	98
19) Methyl tert-butyl Ether	5.25	73	304151	52.008	ug/l	98
20) Methylene Chloride	4.75	84	145148	50.893	ug/l	98
21) trans-1,2-Dichloroethene	5.25	96	138918	51.552	ug/l	98
22) Diisopropyl ether	6.15	45	309645	50.430	ug/l	98
23) Vinyl Acetate	6.09	43	987034	255.209	ug/l	99
24) 1,1-Dichloroethane	6.05	63	201528	51.755	ug/l	99
25) 2-Butanone	7.01	43	168220	231.545	ug/l	99
26) 2,2-Dichloropropane	7.01	77	155797	45.706	ug/l	100
27) cis-1,2-Dichloroethene	7.02	96	153352	52.474	ug/l	99
28) Bromochloromethane	7.36	49	71361	48.096	ug/l	97
29) Tetrahydrofuran	7.38	42	111887	240.121	ug/l	98
30) Chloroform	7.53	83	209046	52.021	ug/l	96
31) Cyclohexane	7.81	56	183566	46.511	ug/l	96
32) 1,1,1-Trichloroethane	7.73	97	179197	50.491	ug/l	98
36) 1,1-Dichloropropene	7.94	75	159331	47.115	ug/l	99
37) Ethyl Acetate	7.10	43	74303	46.986	ug/l	99
38) Carbon Tetrachloride	7.92	117	162334	47.657	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	218040	46.699	ug/l	98
40) Benzene	8.18	78	521525	50.107	ug/l	99
41) Methacrylonitrile	7.33	41	31205m	37.051	ug/l	
42) 1,2-Dichloroethane	8.26	62	122052	49.772	ug/l	100
43) Isopropyl Acetate	8.30	43	140948	47.531	ug/l	100
44) Trichloroethene	8.96	130	174914	50.265	ug/l	93
45) 1,2-Dichloropropane	9.24	63	118827	49.981	ug/l	100
46) Dibromomethane	9.32	93	69328	49.964	ug/l	100
47) Bromodichloromethane	9.52	83	159356	50.621	ug/l	96
48) Methyl methacrylate	9.31	41	61258	46.264	ug/l	93
49) 1,4-Dioxane	9.31	88	18180	888.725	ug/l	93
51) 4-Methyl-2-Pentanone	10.09	43	371572	241.251	ug/l	99
52) Toluene	10.26	92	324815	49.310	ug/l	100
53) t-1,3-Dichloropropene	10.48	75	162975	48.405	ug/l	98
54) cis-1,3-Dichloropropene	9.94	75	198196	49.493	ug/l	98
55) 1,1,2-Trichloroethane	10.66	97	103763	49.858	ug/l	97
56) Ethyl methacrylate	10.52	69	133081	49.646	ug/l	98
57) 1,3-Dichloropropane	10.81	76	169140	49.645	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	315439	237.552	ug/l	99
59) 2-Hexanone	10.85	43	249478	228.225	ug/l	100
60) Dibromochloromethane	11.00	129	125268	49.974	ug/l	99
61) 1,2-Dibromoethane	11.10	107	99880	49.190	ug/l	99
64) Tetrachloroethene	10.74	164	198178	48.901	ug/l	98
65) Chlorobenzene	11.53	112	356851	48.970	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.60	131	127721	49.680	ug/l	98
67) Ethyl Benzene	11.61	91	605401	48.034	ug/l	97
68) m/p-Xylenes	11.72	106	472465	97.002	ug/l	99
69) o-Xylene	12.04	106	225050	49.043	ug/l	99
70) Styrene	12.06	104	387761	49.361	ug/l	99
71) Bromoform	12.22	173	76539	48.652	ug/l #	98
73) Isopropylbenzene	12.34	105	585486	49.300	ug/l	100
74) N-amyl acetate	12.16	43	124357	47.904	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	67481	46.154	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	76763m	48.152	ug/l	
77) Bromobenzene	12.62	156	151670	50.693	ug/l	98
78) n-propylbenzene	12.68	91	678530	48.369	ug/l	100
79) 2-Chlorotoluene	12.77	91	379671	49.570	ug/l	100
80) 1,3,5-Trimethylbenzene	12.83	105	484872	49.516	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	38586	47.172	ug/l	99
82) 4-Chlorotoluene	12.87	91	388950	48.315	ug/l #	100
83) tert-Butylbenzene	13.09	119	415573	48.884	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	482353	49.171	ug/l	99
85) sec-Butylbenzene	13.27	105	583880	48.270	ug/l	99
86) p-Isopropyltoluene	13.38	119	530071	48.316	ug/l	100
87) 1,3-Dichlorobenzene	13.38	146	273532	49.149	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	274135	48.666	ug/l	100
89) n-Butylbenzene	13.70	91	486099	47.524	ug/l	99
90) Hexachloroethane	13.97	117	101090	49.148	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	251720	49.411	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.37	75	15177	45.475	ug/l	99

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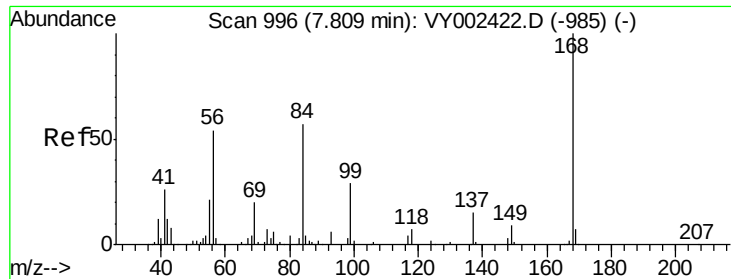
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	163046	44.679	ug/l	100
94) Hexachlorobutadiene	15.12	225	91207	45.576	ug/l	99
95) Naphthalene	15.25	128	337270	47.677	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	146332	46.193	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY002452.D

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Instrument :

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ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 262233

Ion Ratio Lower Upper

168 100

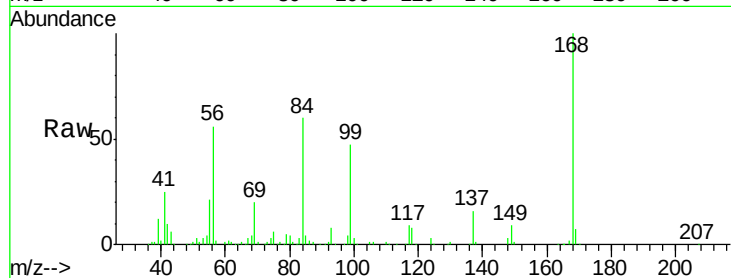
99 47.3 37.0 55.4

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Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

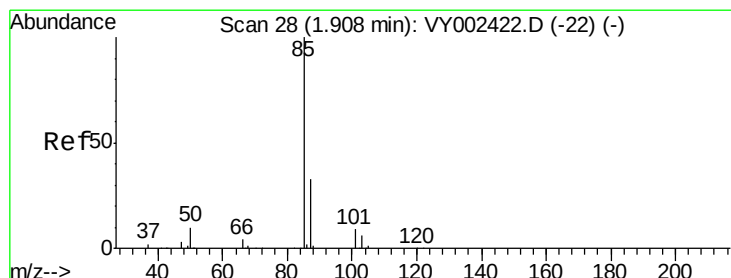
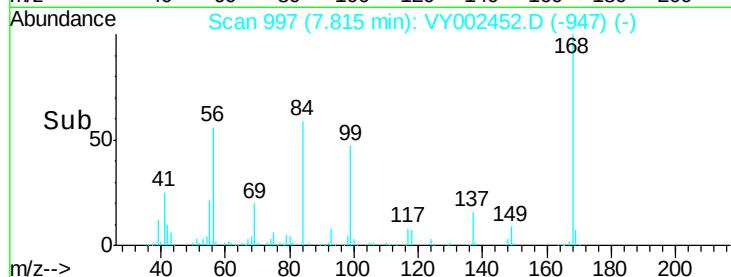
7.82

100000

50000

0

Time--> 7.70 7.80 7.90



#2

Dichlorodifluoromethane

Concen: 53.219 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.01 min

Lab File: VY002452.D

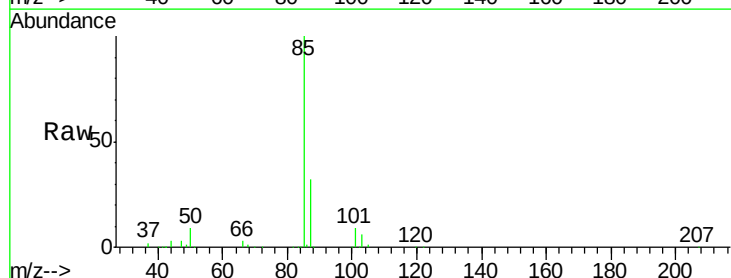
Acq: 21 Apr 2020 22:21

Tgt Ion: 85 Resp: 95347

Ion Ratio Lower Upper

85 100

87 31.6 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VY0

Ion 86.90 (86.60 to 87.60): VY0

1.91

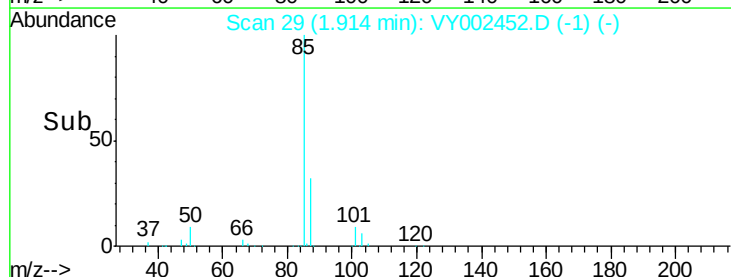
60000

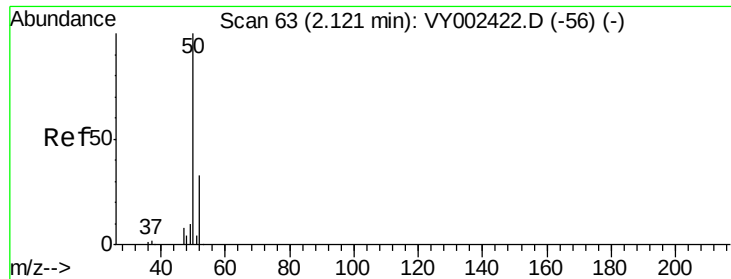
40000

20000

0

Time--> 1.80 1.90 2.00





#3

Chloromethane

Concen: 52.910 ug/l

RT: 2.13 min Scan# 64

Delta R.T. 0.01 min

Lab File: VY002452.D

Acq: 21 Apr 2020 22:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 115732

Ion Ratio Lower Upper

50 100

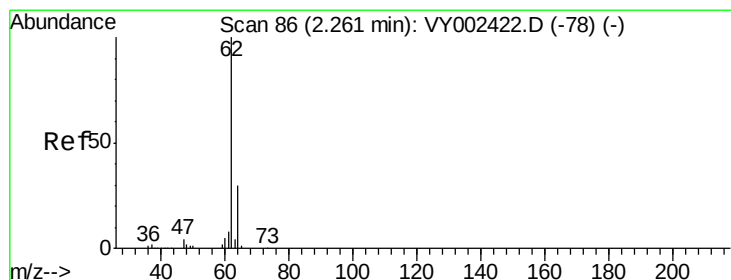
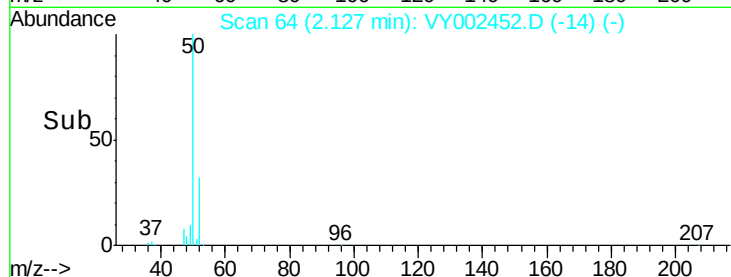
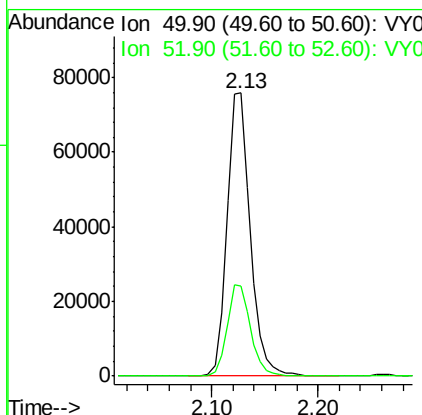
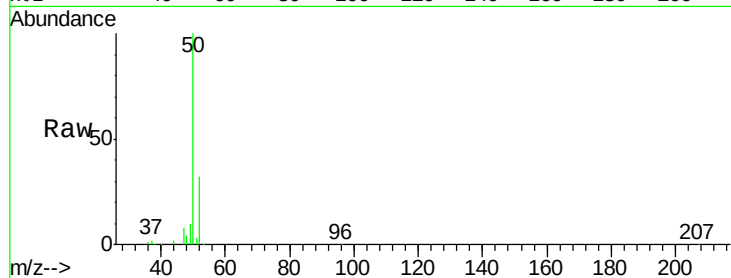
52 32.0 26.7 40.1

Manual Integrations

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#4

Vinyl Chloride

Concen: 52.526 ug/l

RT: 2.26 min Scan# 86

Delta R.T. -0.00 min

Lab File: VY002452.D

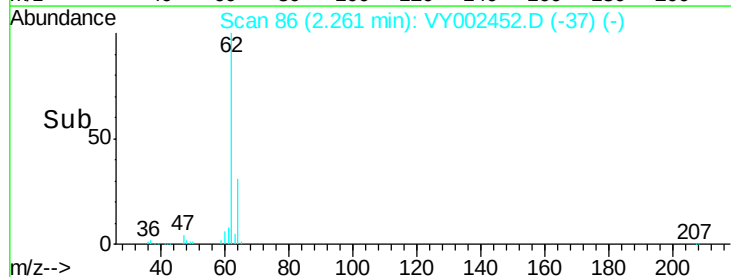
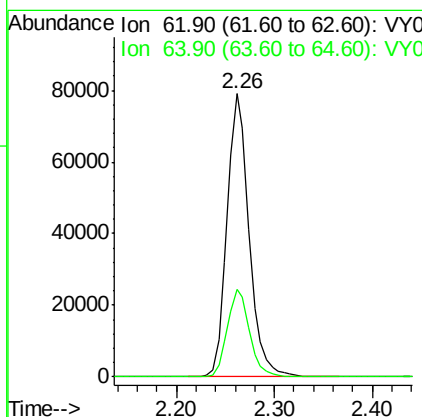
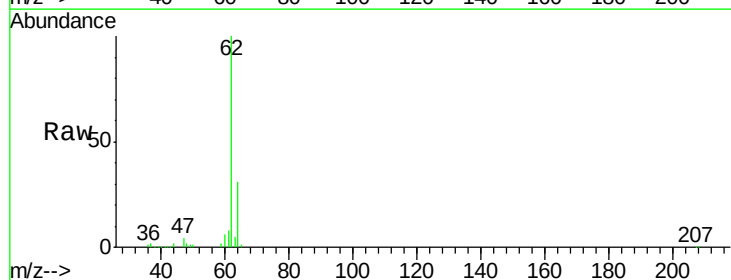
Acq: 21 Apr 2020 22:21

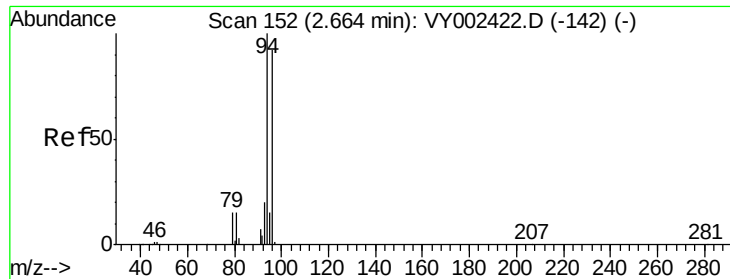
Tgt Ion: 62 Resp: 123775

Ion Ratio Lower Upper

62 100

64 31.1 24.1 36.1





#5

Bromomethane

Concen: 43.818 ug/l

RT: 2.66 min Scan# 152

Delta R.T. -0.00 min

Lab File: VY002452.D

Acq: 21 Apr 2020 22:21

Instrument :

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ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 66958

Ion Ratio Lower Upper

94 100

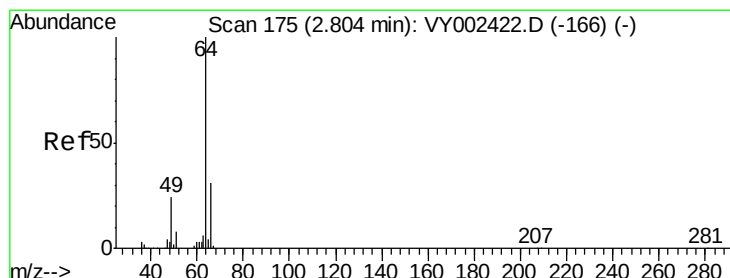
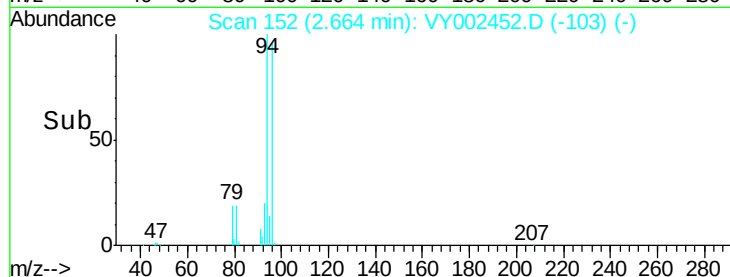
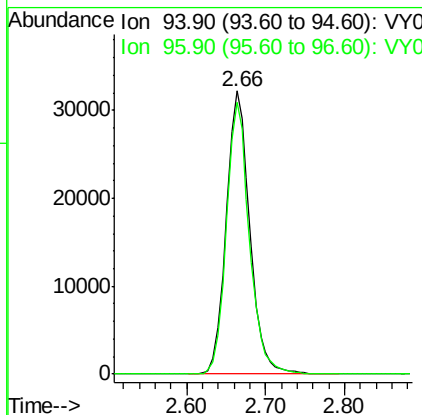
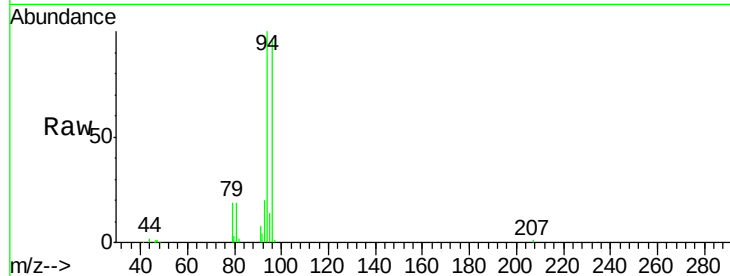
96 96.2 73.5 110.3

Manual Integrations

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#6

Chloroethane

Concen: 45.135 ug/l

RT: 2.81 min Scan# 176

Delta R.T. 0.01 min

Lab File: VY002452.D

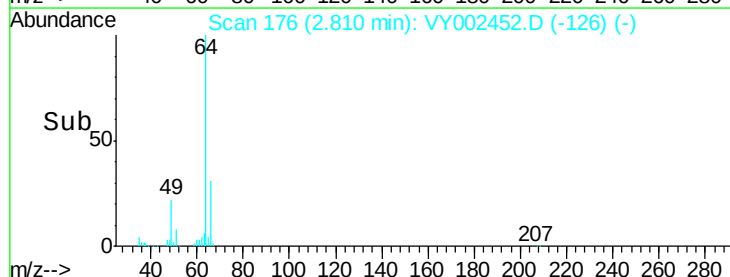
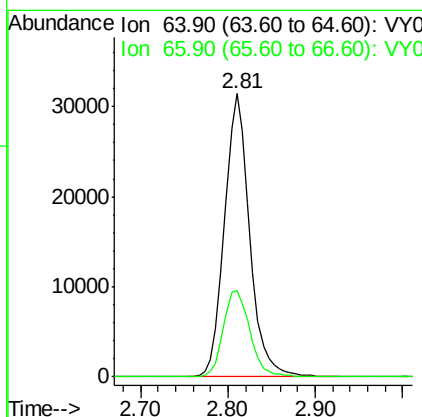
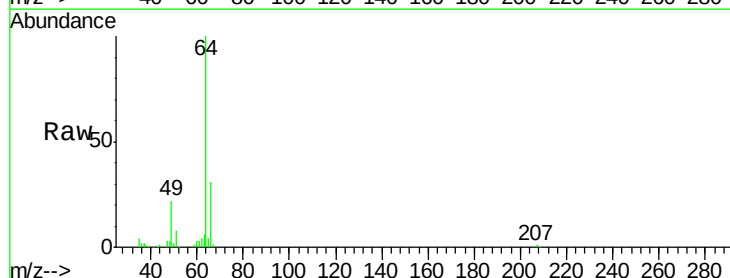
Acq: 21 Apr 2020 22:21

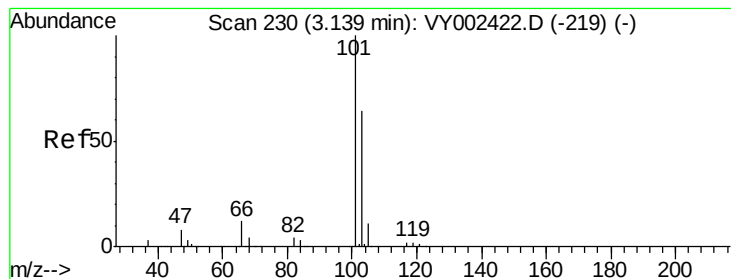
Tgt Ion: 64 Resp: 62793

Ion Ratio Lower Upper

64 100

66 30.7 25.0 37.6





#7

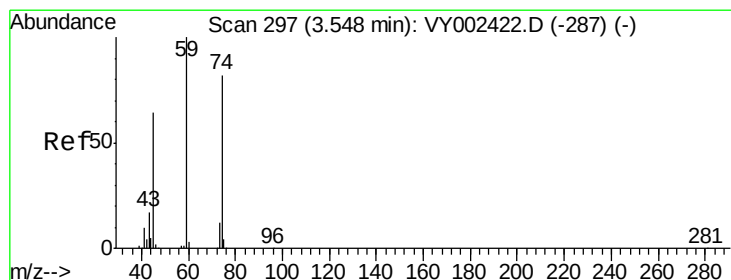
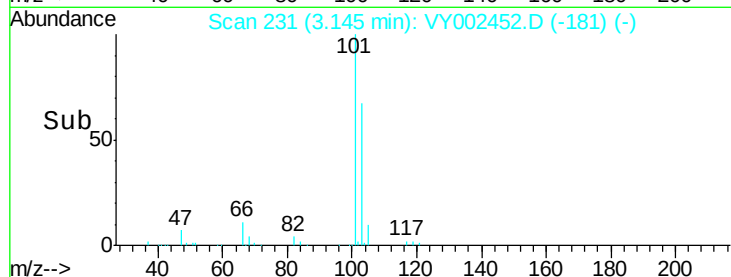
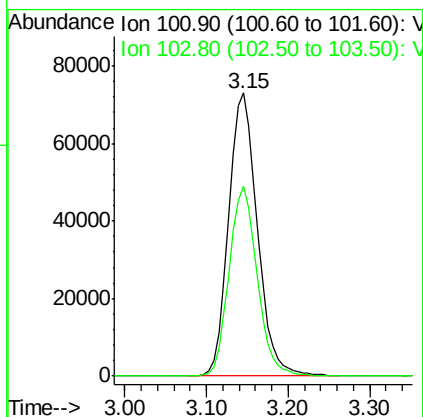
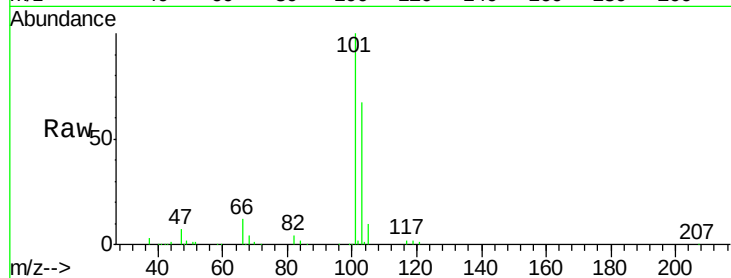
Trichlorofluoromethane
Concen: 48.249 ug/l
RT: 3.15 min Scan# 231
Delta R.T. 0.01 min
Lab File: VY002452.D
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	66.9	50.8	76.2

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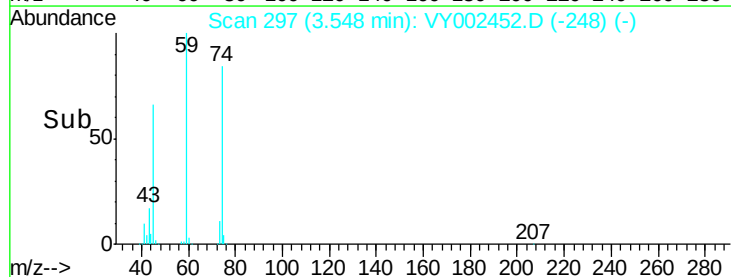
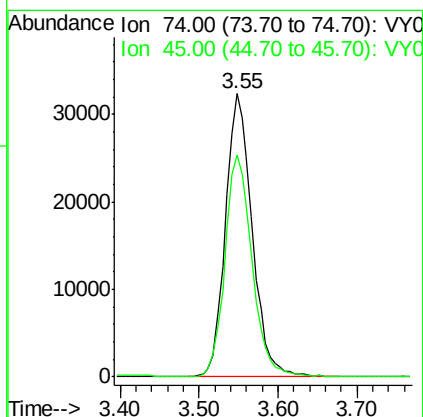
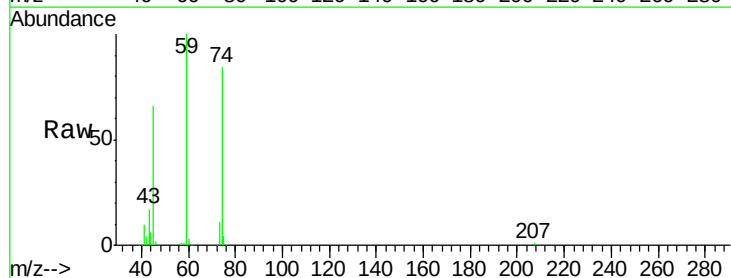
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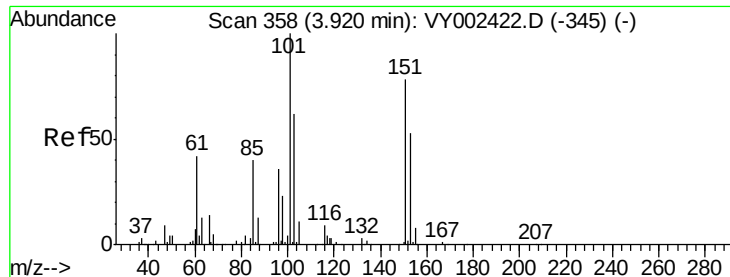


#8

Diethyl Ether
Concen: 52.695 ug/l
RT: 3.55 min Scan# 297
Delta R.T. -0.00 min
Lab File: VY002452.D
Acq: 21 Apr 2020 22:21

Tgt Ion	Ratio	Lower	Upper
74	100		
45	79.7	39.5	118.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.416 ug/l

RT: 3.93 min Scan# 359

Delta R.T. 0.01 min

Lab File: VY002452.D

Acq: 21 Apr 2020 22:21

Instrument :

MSVOA_Y

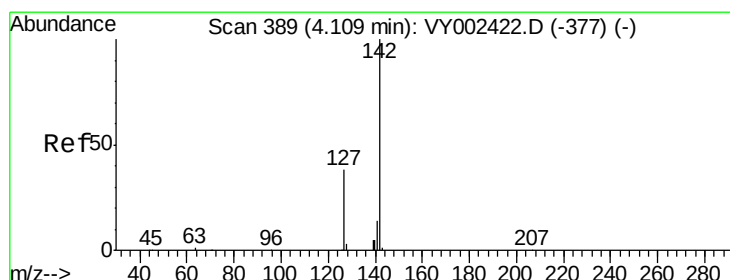
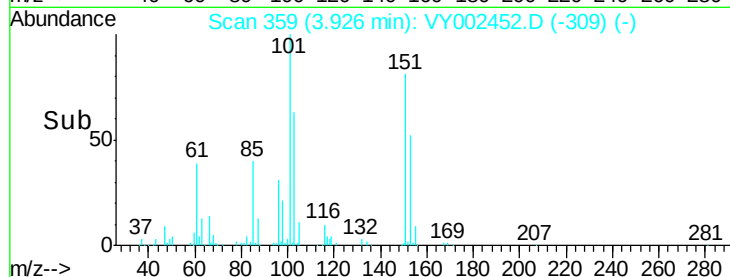
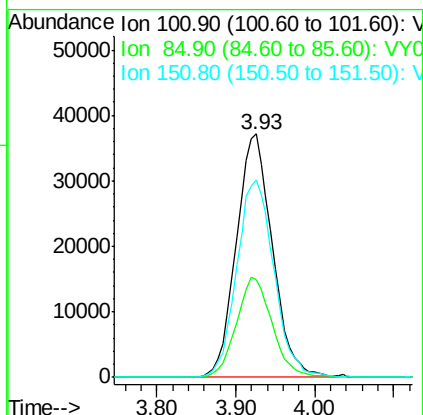
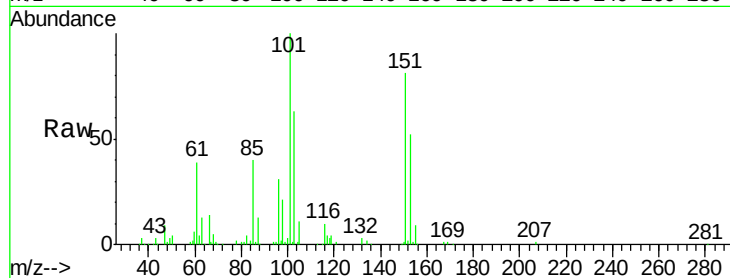
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	118551
Ion Ratio	Lower	Upper	
101	100		
85	40.9	32.2	48.4
151	83.8	67.3	100.9

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#10

Methyl Iodide

Concen: 51.275 ug/l

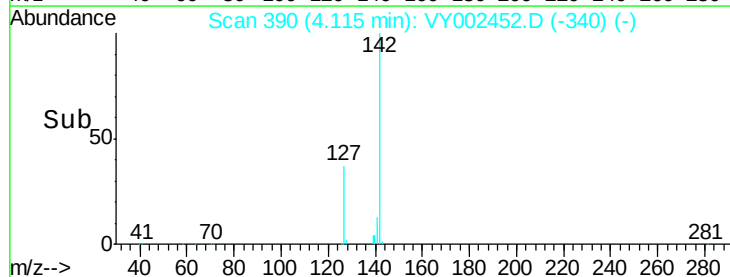
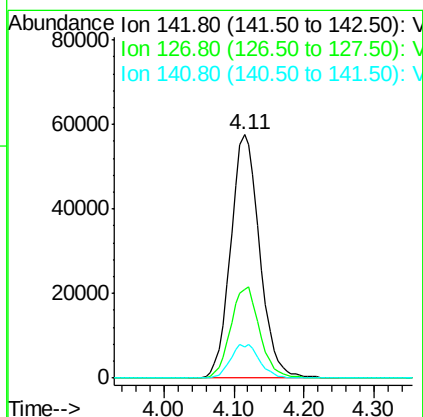
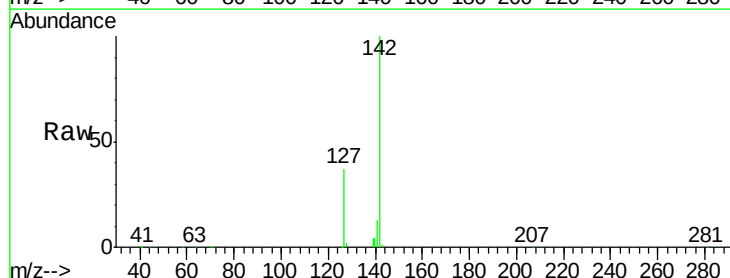
RT: 4.11 min Scan# 390

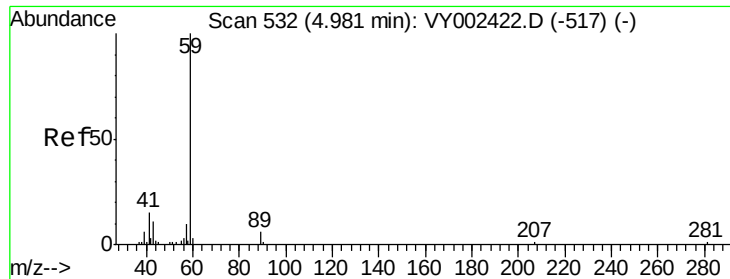
Delta R.T. 0.01 min

Lab File: VY002452.D

Acq: 21 Apr 2020 22:21

Tgt Ion:	142	Resp:	165873
Ion Ratio	Lower	Upper	
142	100		
127	37.3	30.7	46.1
141	14.1	11.4	17.2





#11

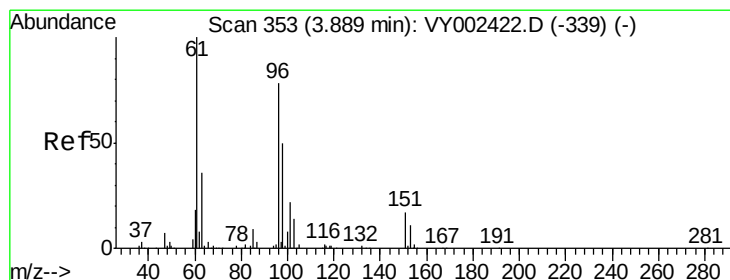
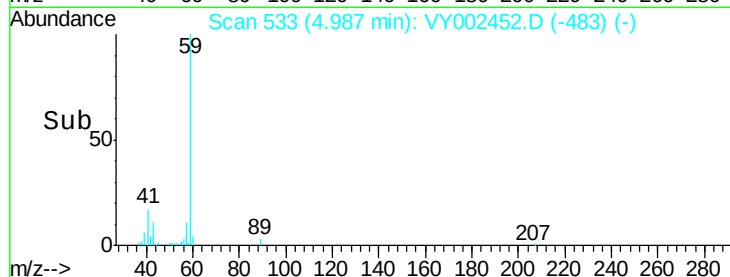
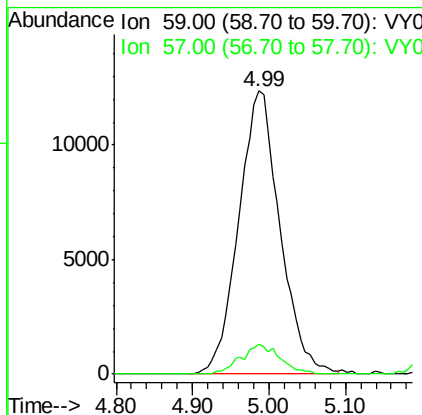
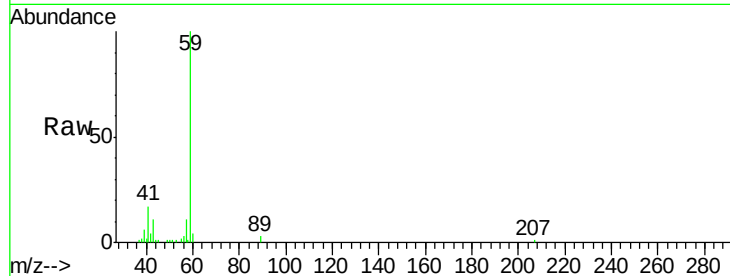
Tert butyl alcohol
 Concen: 203.274 ug/l
 RT: 4.99 min Scan# 533
 Delta R.T. 0.01 min
 Lab File: VY002452.D
 Acq: 21 Apr 2020 22:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.0	7.4	11.2

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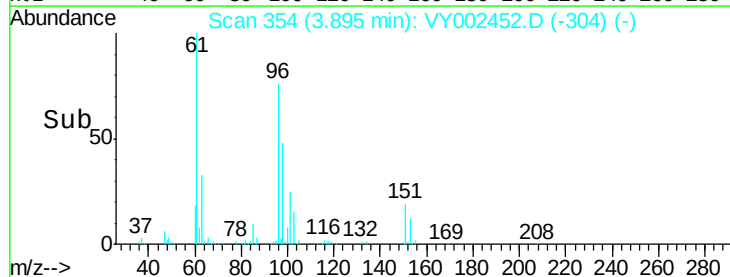
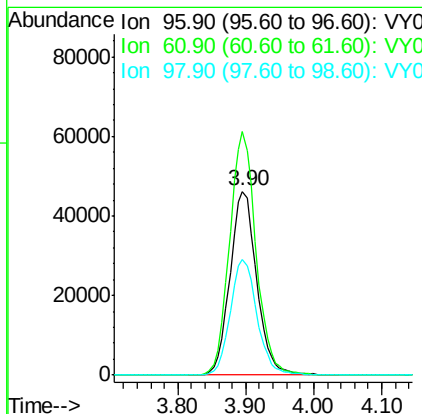
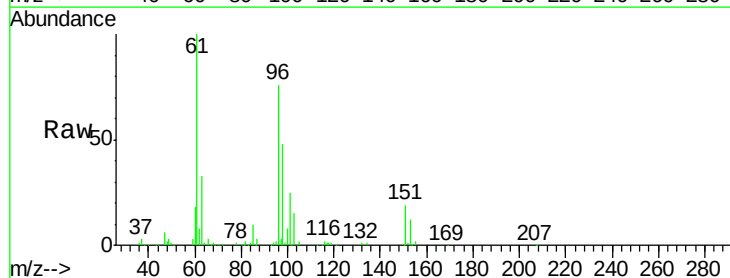
MMDadoda
 4/22/2020 11:44:34 AM

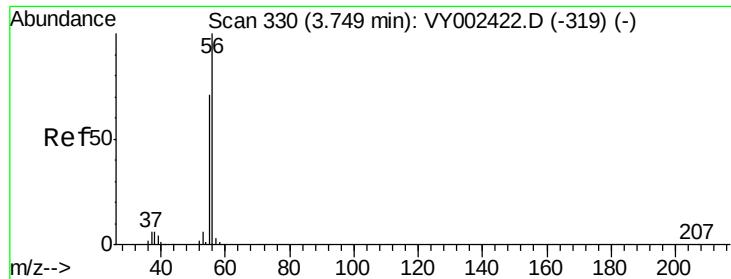


#12

1,1-Dichloroethene
 Concen: 50.504 ug/l
 RT: 3.90 min Scan# 354
 Delta R.T. 0.01 min
 Lab File: VY002452.D
 Acq: 21 Apr 2020 22:21

Tgt Ion	Ratio	Lower	Upper
96	100		
61	132.3	102.1	153.1
98	63.0	51.3	76.9





#13

Acrolein

Concen: 265.451 ug/l

RT: 3.76 min Scan# 331

Delta R.T. 0.01 min

Lab File: VY002452.D

Acq: 21 Apr 2020 22:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 59463

Ion Ratio Lower Upper

56 100

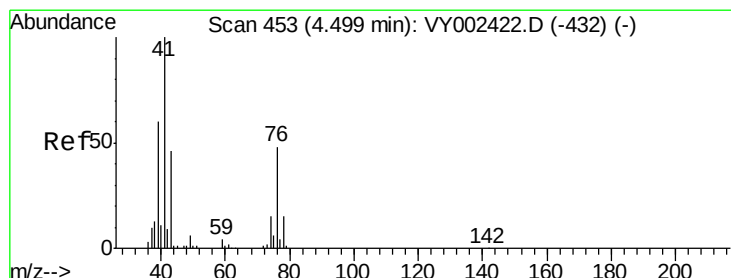
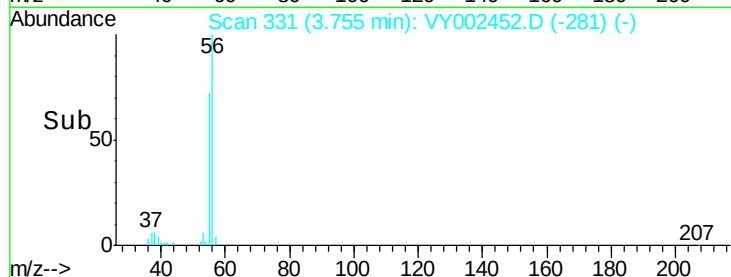
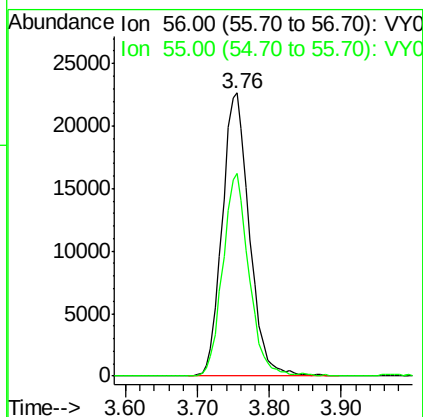
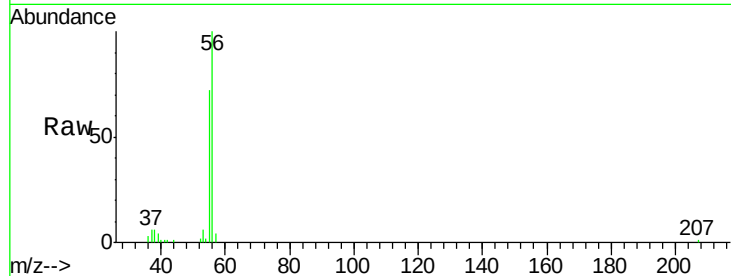
55 68.7 55.9 83.9

Manual Integrations

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#14

Allyl chloride

Concen: 50.812 ug/l

RT: 4.50 min Scan# 454

Delta R.T. 0.01 min

Lab File: VY002452.D

Acq: 21 Apr 2020 22:21

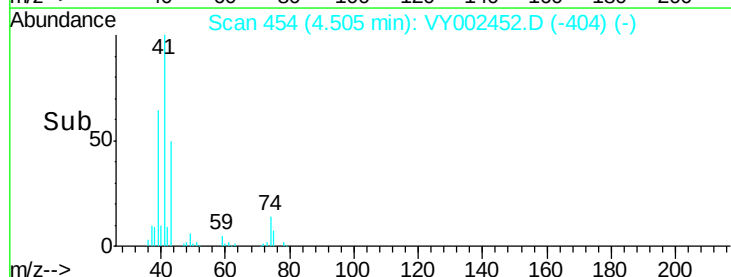
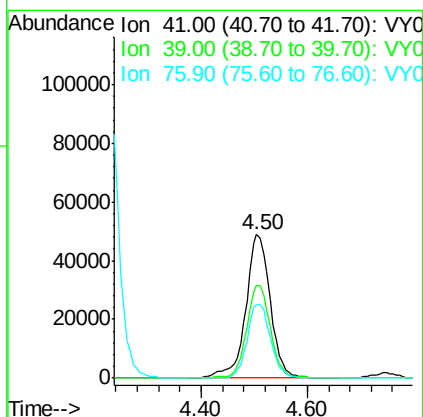
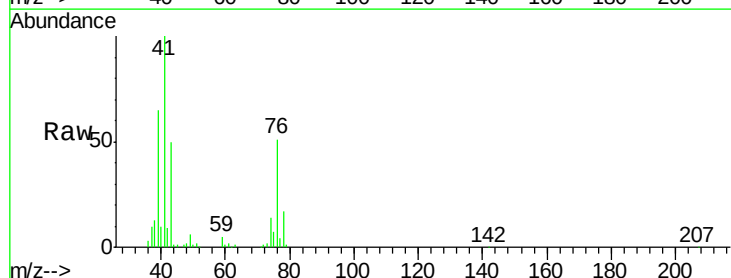
Tgt Ion: 41 Resp: 155610

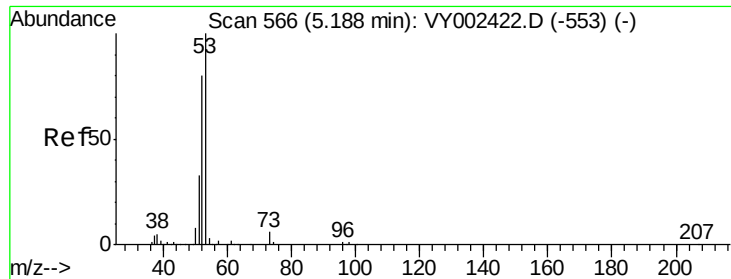
Ion Ratio Lower Upper

41 100

39 62.5 49.1 73.7

76 48.5 38.6 57.8





#15

Acrylonitrile

Concen: 253.397 ug/l

RT: 5.20 min Scan# 568

Delta R.T. 0.01 min

Lab File: VY002452.D

Acq: 21 Apr 2020 22:21

Instrument :

MSVOA_Y

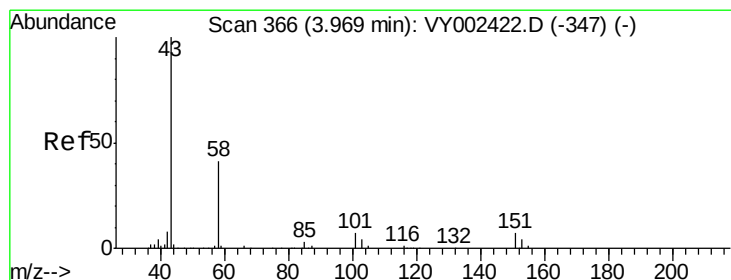
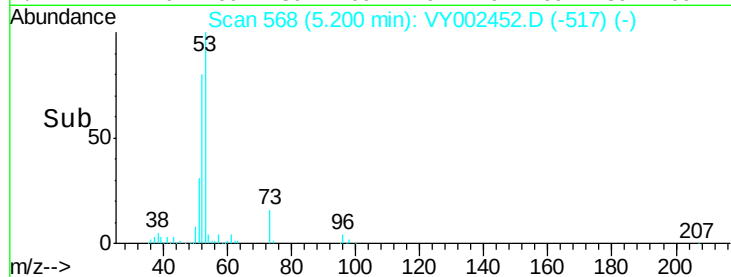
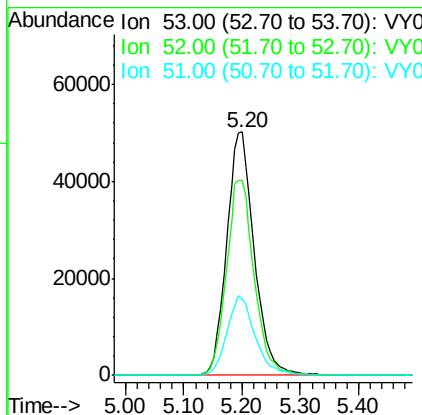
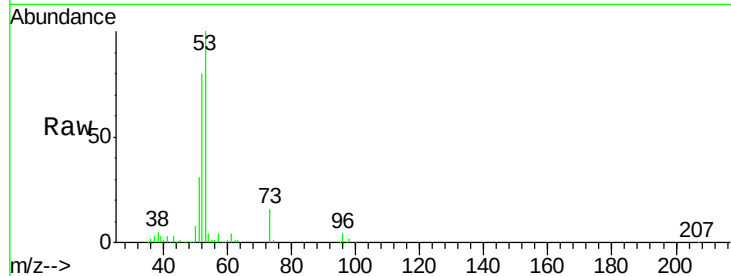
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	164395
Ion Ratio		Lower	Upper
53	100		
52	80.8	65.1	97.7
51	33.2	26.8	40.2

Manual Integrations
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#16

Acetone

Concen: 208.200 ug/l

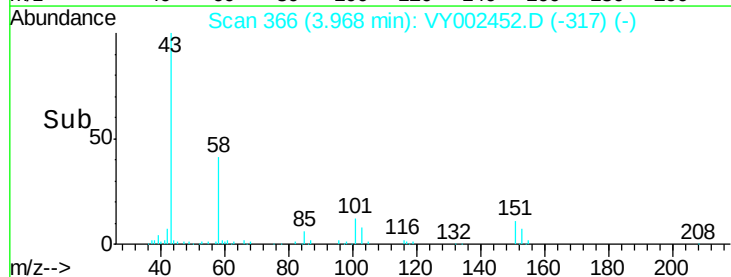
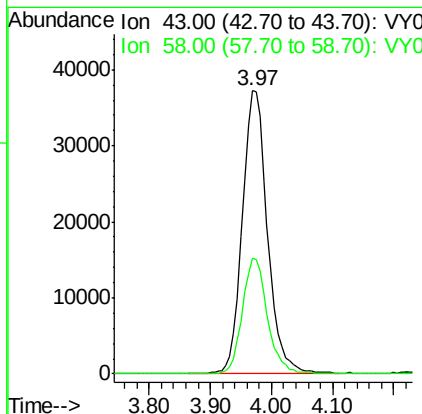
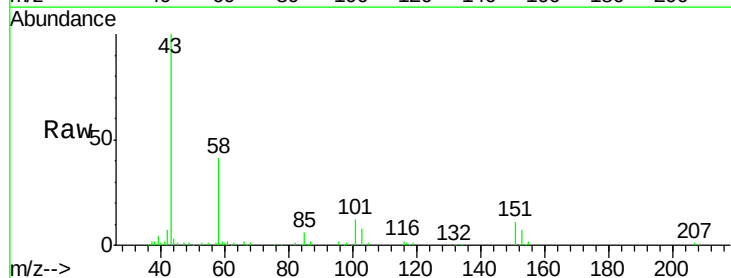
RT: 3.97 min Scan# 366

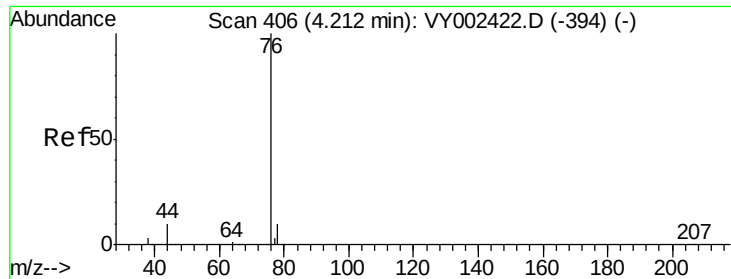
Delta R.T. -0.00 min

Lab File: VY002452.D

Acq: 21 Apr 2020 22:21

Tgt Ion:	43	Resp:	106115
Ion Ratio		Lower	Upper
43	100		
58	40.8	32.6	48.8





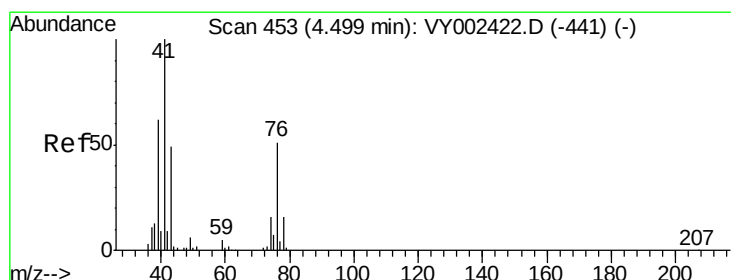
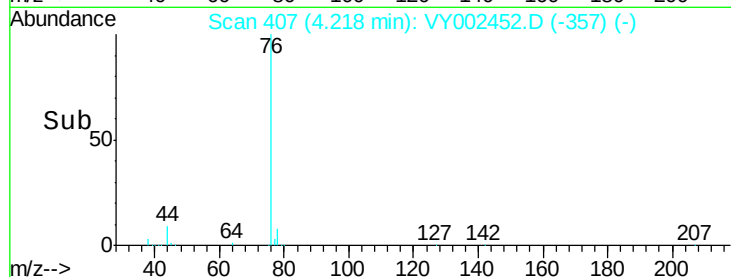
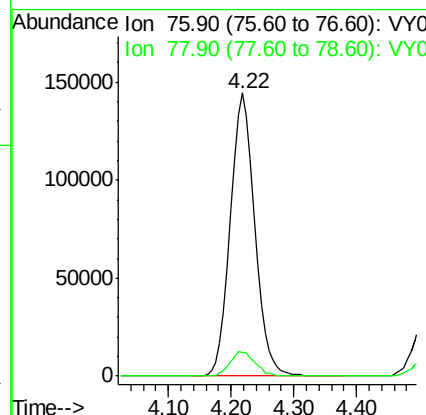
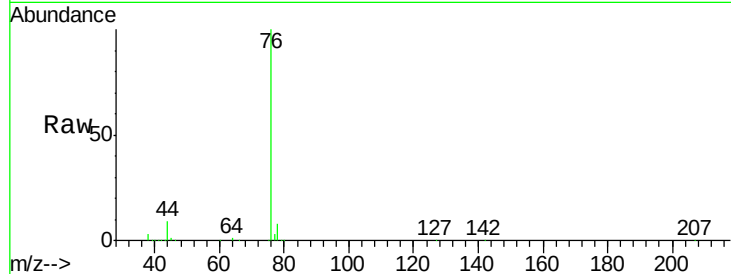
#17
Carbon Disulfide
Concen: 51.447 ug/l
RT: 4.22 min Scan# 407
Delta R.T. 0.01 min
Lab File: VY002452.D
Acq: 21 Apr 2020 22:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.5	7.8	11.6

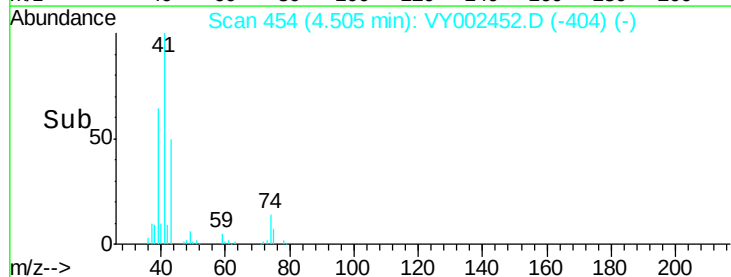
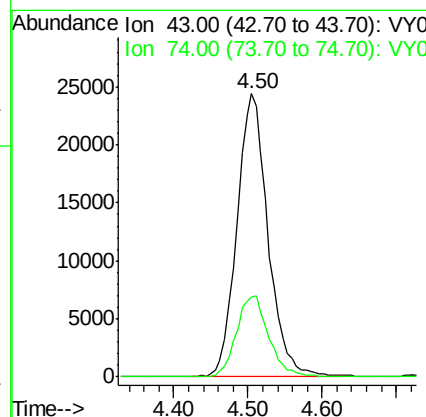
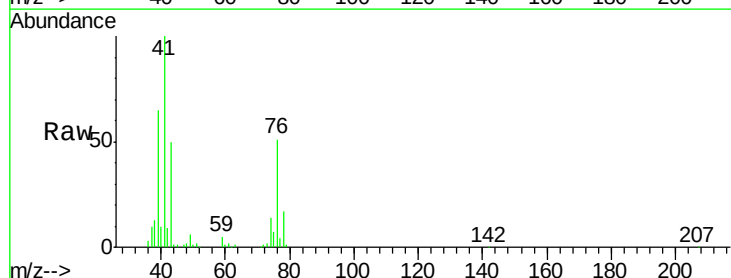
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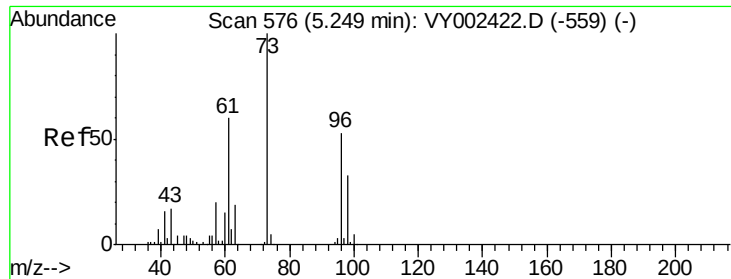
MMDadoda
4/22/2020 11:44:34 AM



#18
Methyl Acetate
Concen: 49.083 ug/l
RT: 4.50 min Scan# 454
Delta R.T. 0.01 min
Lab File: VY002452.D
Acq: 21 Apr 2020 22:21

Tgt Ion	Ratio	Lower	Upper
43	100		
74	29.7	24.8	37.2





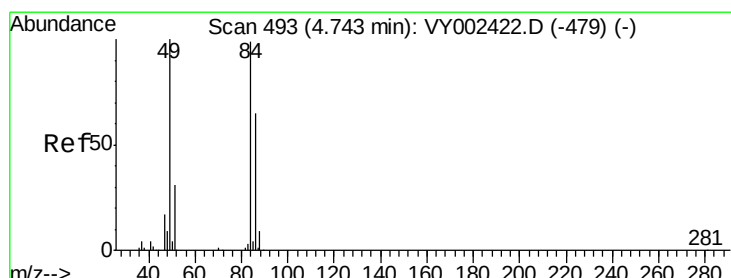
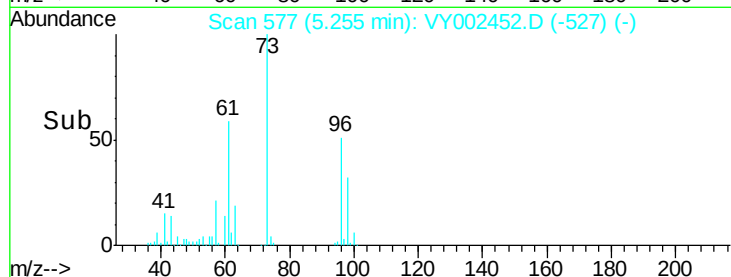
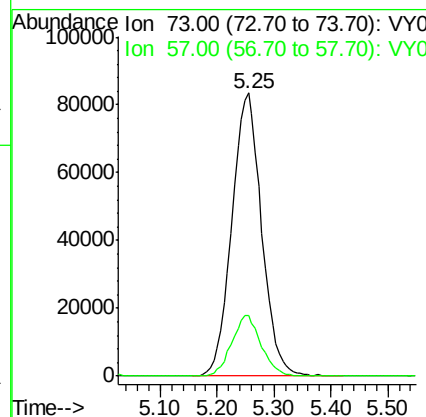
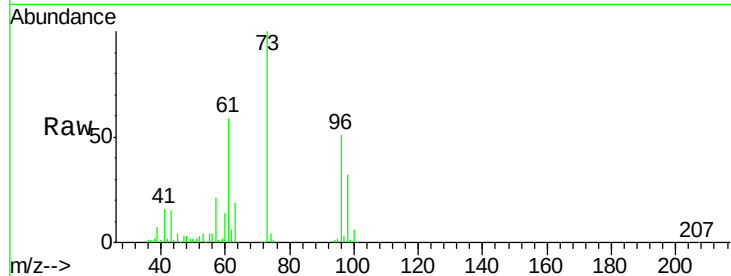
#19
Methyl tert-butyl Ether
Concen: 52.008 ug/l
RT: 5.25 min Scan# 577
Delta R.T. 0.01 min
Lab File: VY002452.D
Acq: 21 Apr 2020 22:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
73	73	100		
57	57	21.2	16.3	24.5

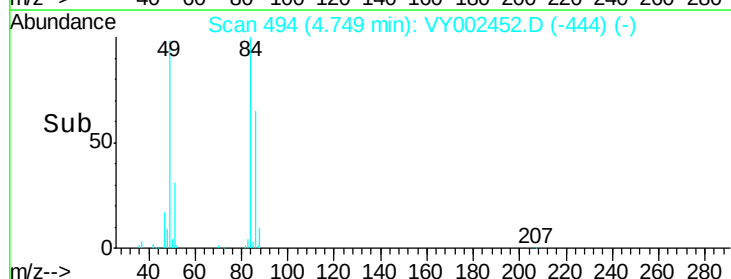
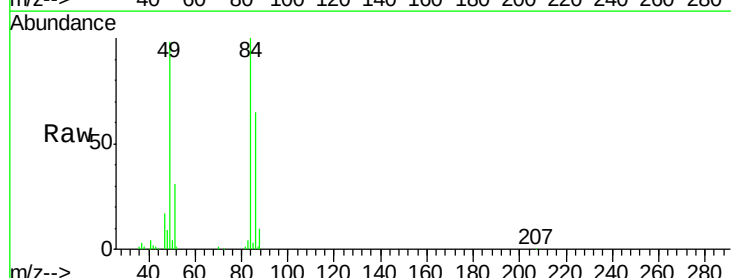
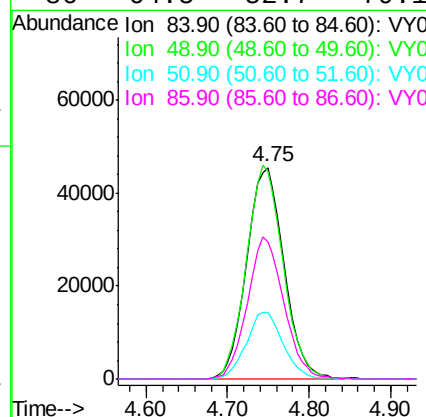
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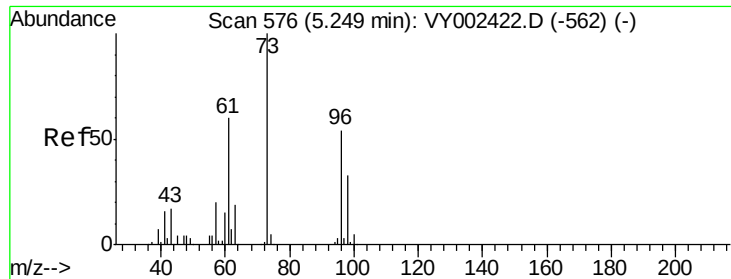
MMDadoda
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#20
Methylene Chloride
Concen: 50.893 ug/l
RT: 4.75 min Scan# 494
Delta R.T. 0.01 min
Lab File: VY002452.D
Acq: 21 Apr 2020 22:21

Tgt Ion	Ion	Ratio	Lower	Upper
84	84	100		
49	49	98.0	81.0	121.6
51	51	31.4	24.9	37.3
86	86	64.5	52.7	79.1





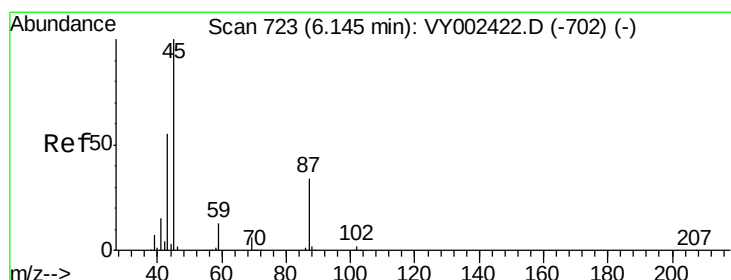
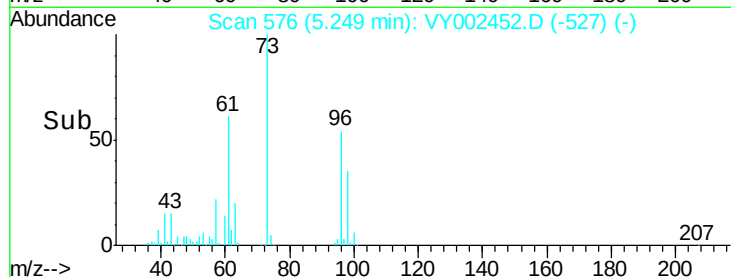
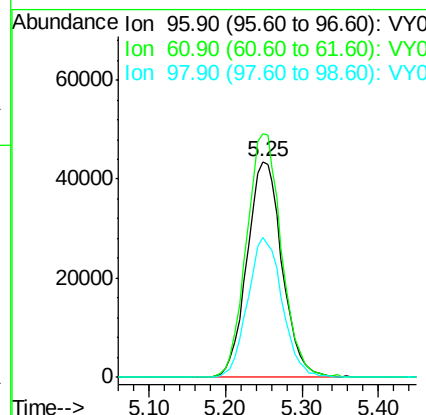
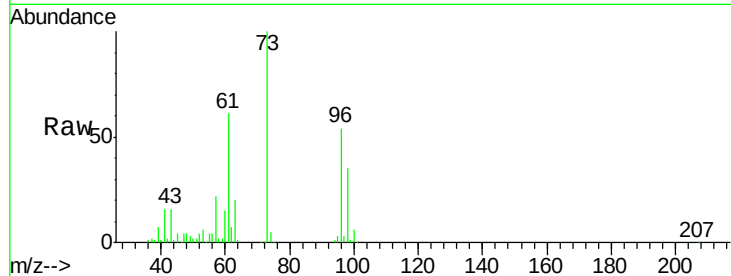
#21
trans-1,2-Dichloroethene
Concen: 51.552 ug/l
RT: 5.25 min Scan# 576
Delta R.T. -0.00 min
Lab File: VY002452.D
Acq: 21 Apr 2020 22:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	112.7	89.7	134.5
98	64.7	49.7	74.5

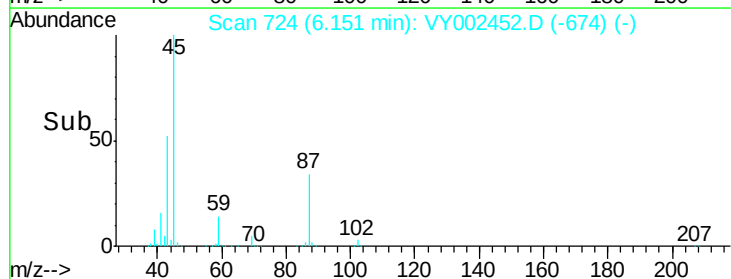
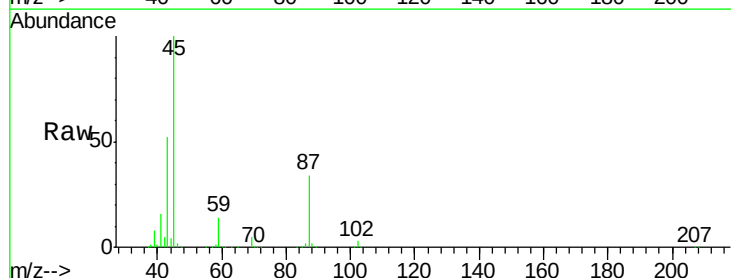
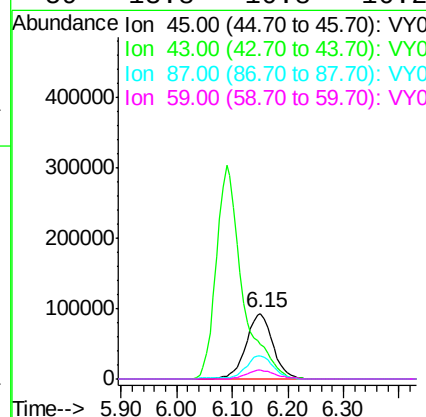
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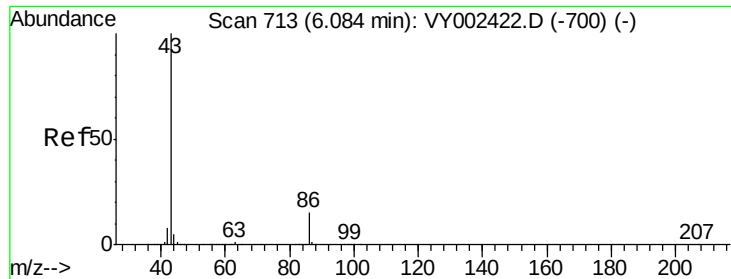
MMDadoda
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#22
Diisopropyl ether
Concen: 50.430 ug/l
RT: 6.15 min Scan# 724
Delta R.T. 0.01 min
Lab File: VY002452.D
Acq: 21 Apr 2020 22:21

Tgt Ion	Ratio	Lower	Upper
45	100		
43	52.3	43.8	65.6
87	34.5	27.4	41.2
59	13.8	10.8	16.2





#23

Vinyl Acetate

Concen: 255.209 ug/l

RT: 6.09 min Scan# 714

Delta R.T. 0.01 min

Lab File: VY002452.D

Acq: 21 Apr 2020 22:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 987034

Ion Ratio Lower Upper

43 100

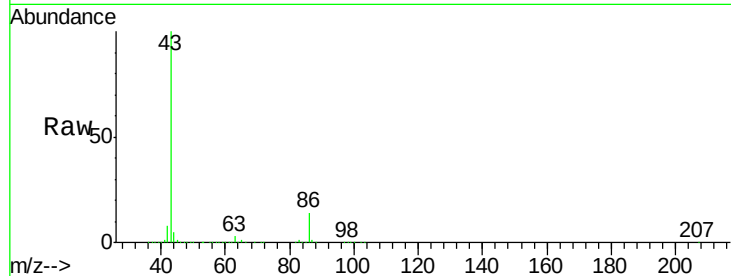
86 14.1 11.7 17.5

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.09

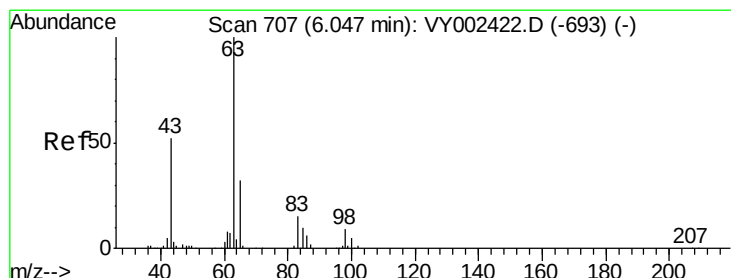
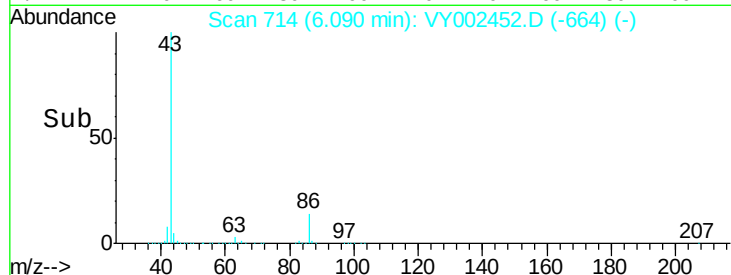
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 51.755 ug/l

RT: 6.05 min Scan# 707

Delta R.T. -0.00 min

Lab File: VY002452.D

Acq: 21 Apr 2020 22:21

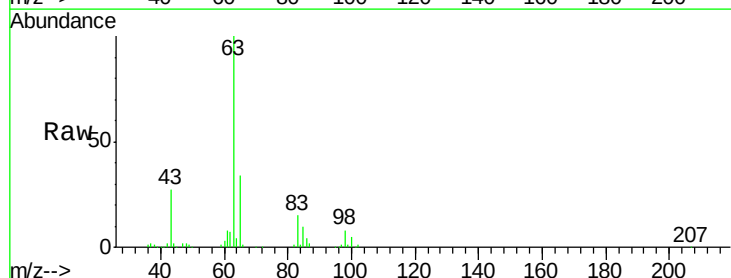
Tgt Ion: 63 Resp: 201528

Ion Ratio Lower Upper

63 100

98 8.5 4.5 13.4

100 5.0 2.6 8.0



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

6.05

80000

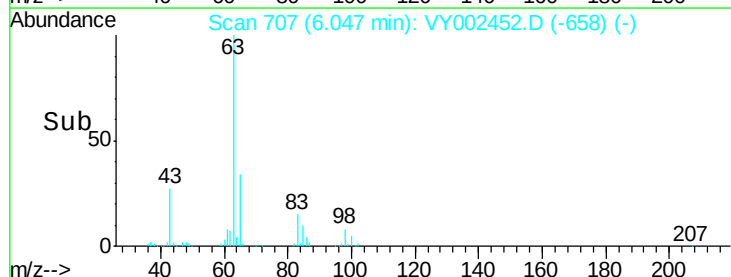
60000

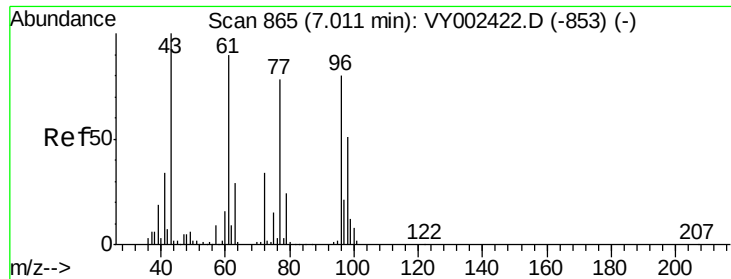
40000

20000

0

Time-->





#25

2-Butanone

Concen: 231.545 ug/l

RT: 7.01 min Scan# 865

Delta R.T. -0.00 min

Lab File: VY002452.D

Acq: 21 Apr 2020 22:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 168220

Ion Ratio Lower Upper

43 100

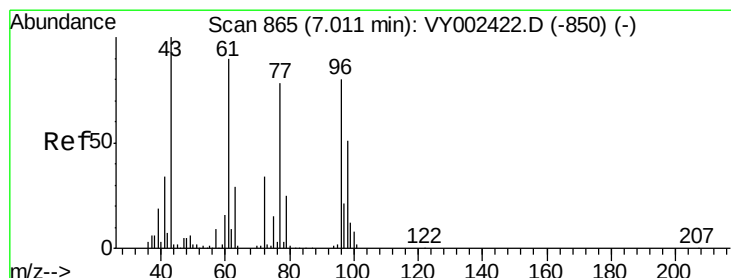
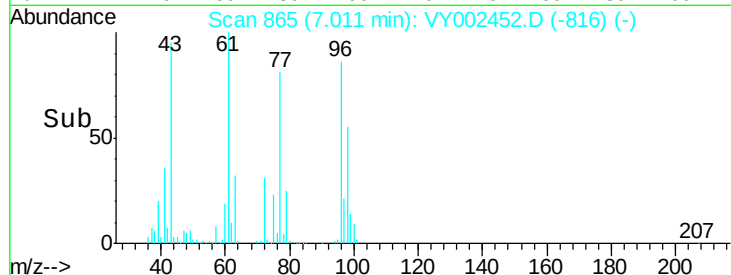
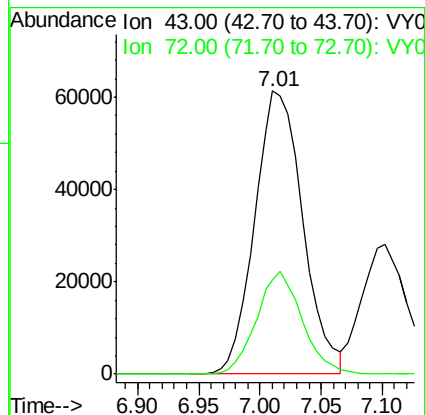
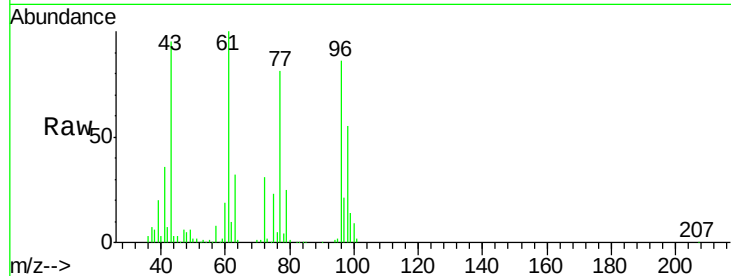
72 33.0 27.0 40.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 45.706 ug/l

RT: 7.01 min Scan# 865

Delta R.T. -0.00 min

Lab File: VY002452.D

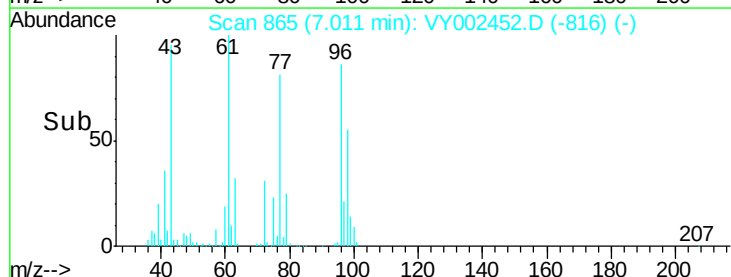
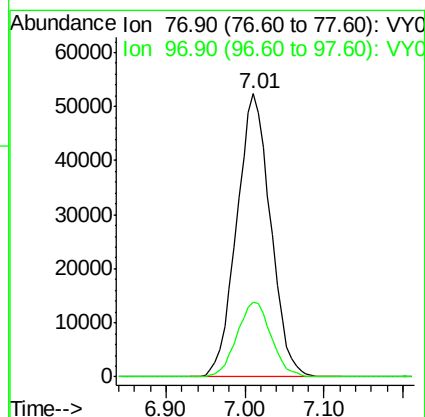
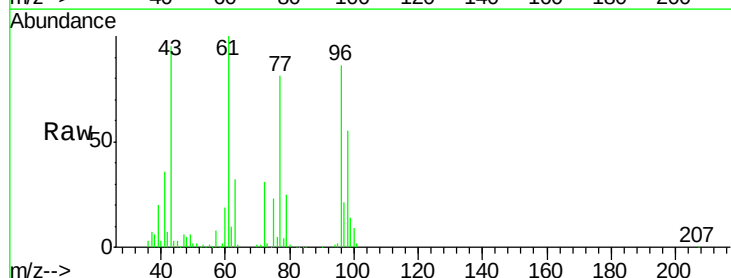
Acq: 21 Apr 2020 22:21

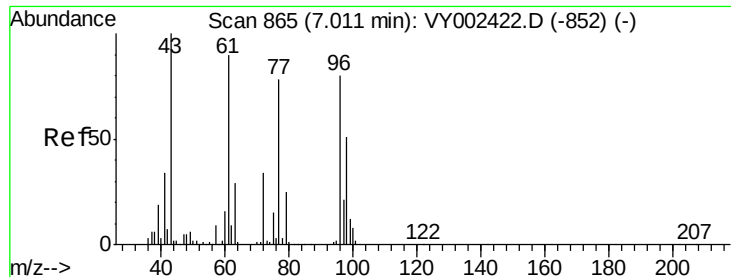
Tgt Ion: 77 Resp: 155797

Ion Ratio Lower Upper

77 100

97 26.8 13.5 40.5





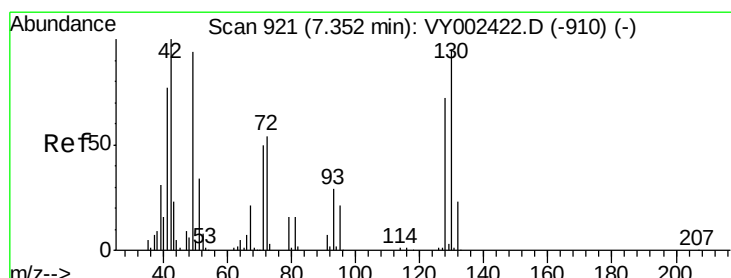
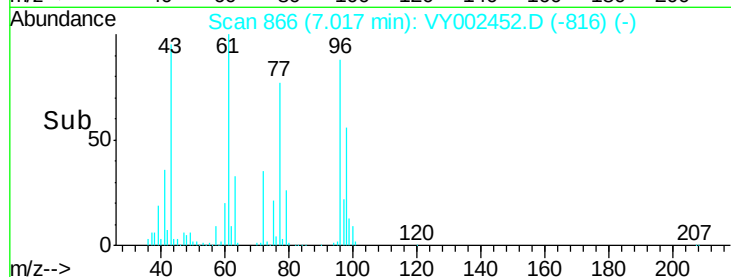
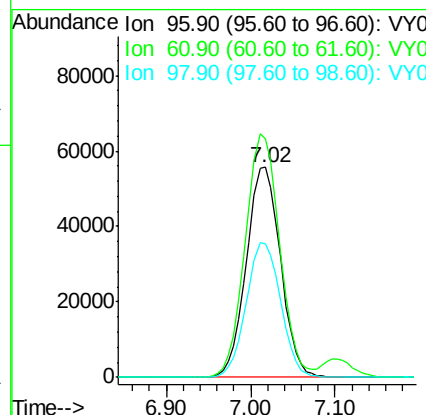
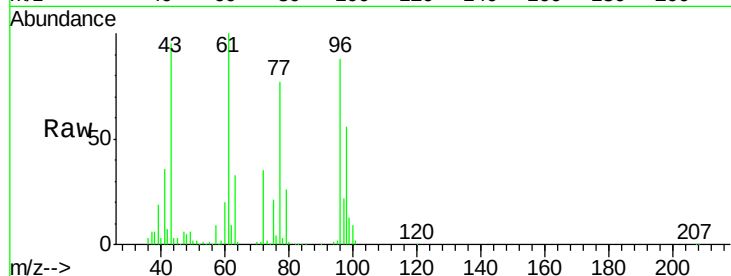
#27
 cis-1,2-Dichloroethene
 Concen: 52.474 ug/l
 RT: 7.02 min Scan# 866
 Delta R.T. 0.01 min
 Lab File: VY002452.D
 Acq: 21 Apr 2020 22:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	116.6	0.0	236.2	
98	64.5	0.0	130.2	

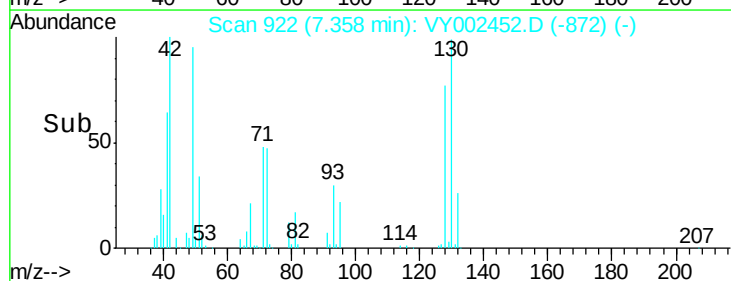
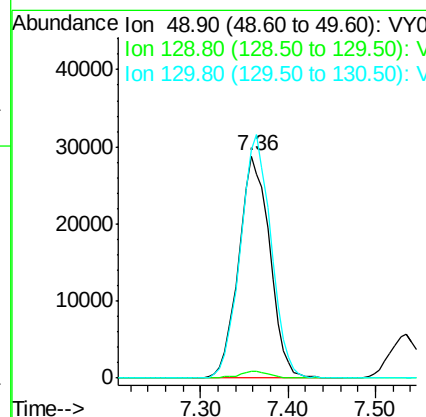
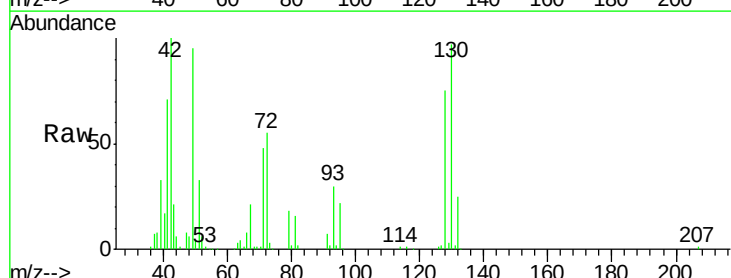
Manual Integrations
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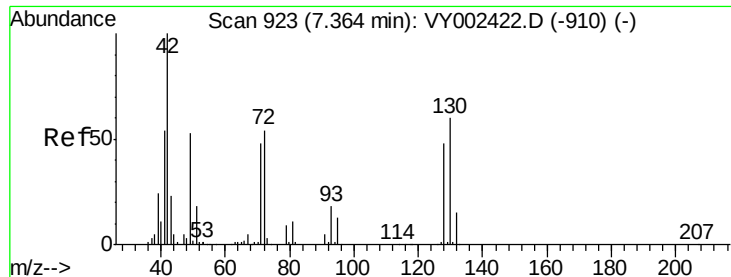
MMDadoda
 4/22/2020 11:44:34 AM



#28
 Bromochloromethane
 Concen: 48.096 ug/l
 RT: 7.36 min Scan# 922
 Delta R.T. 0.01 min
 Lab File: VY002452.D
 Acq: 21 Apr 2020 22:21

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	3.0	0.0	6.0	
130	107.8	84.1	126.1	





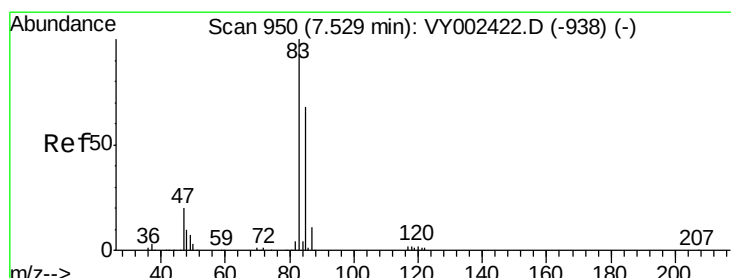
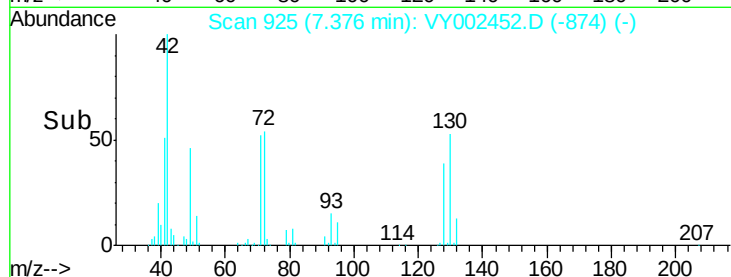
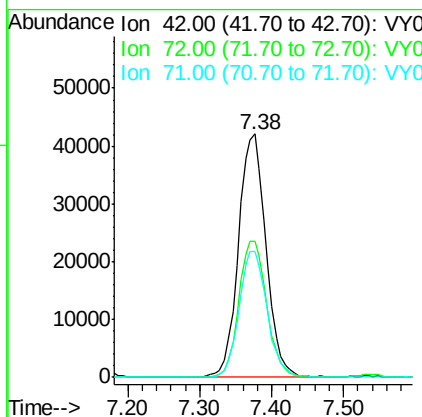
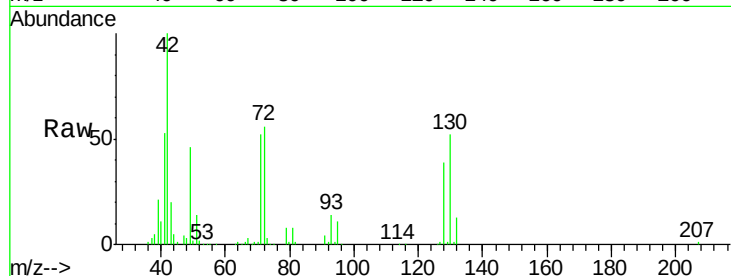
#29
Tetrahydrofuran
Concen: 240.121 ug/l
RT: 7.38 min Scan# 925
Delta R.T. 0.01 min
Lab File: VY002452.D
Acq: 21 Apr 2020 22:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	56.5	44.6	67.0
71	52.4	40.6	60.8

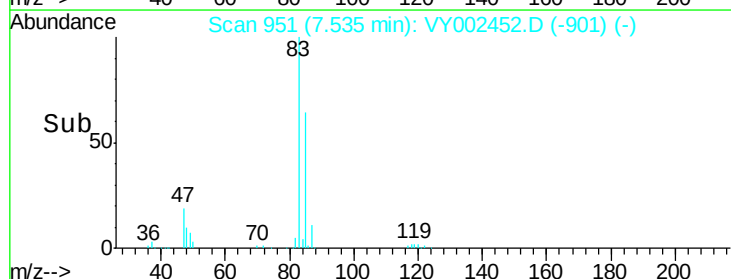
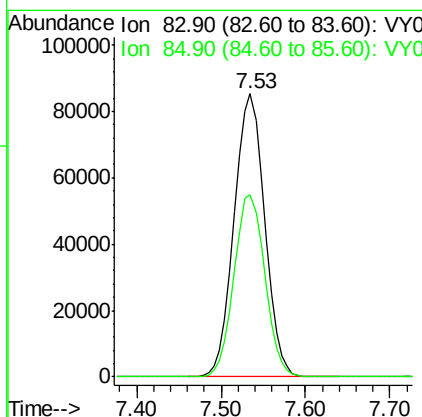
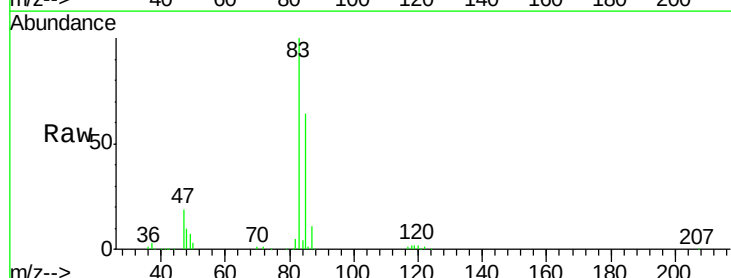
Manual Integrations
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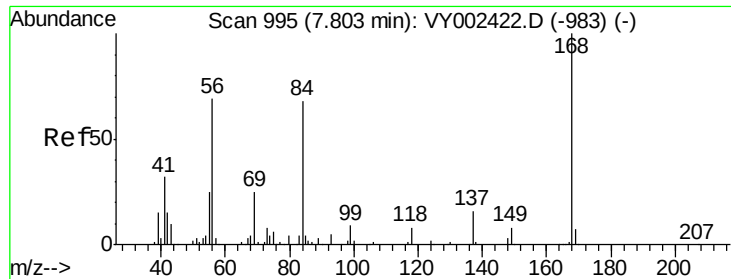
MMDadoda
4/22/2020 11:44:34 AM



#30
Chloroform
Concen: 52.021 ug/l
RT: 7.53 min Scan# 951
Delta R.T. 0.01 min
Lab File: VY002452.D
Acq: 21 Apr 2020 22:21

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.5	54.3	81.5





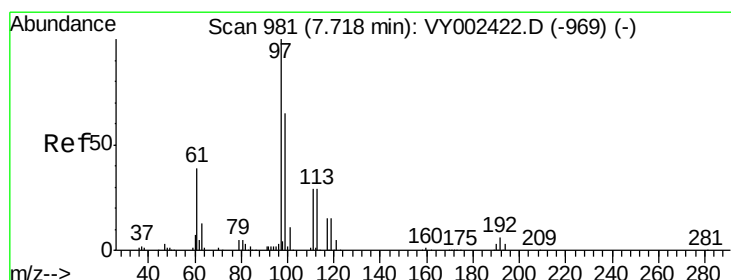
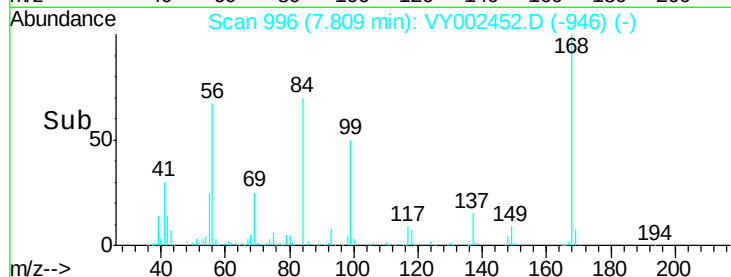
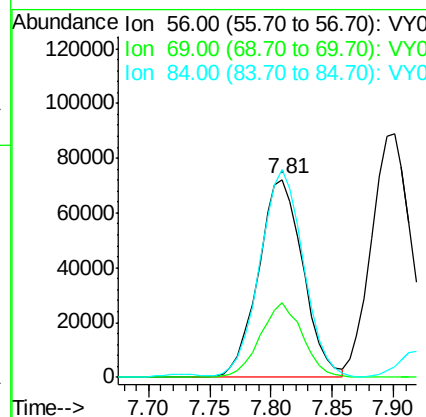
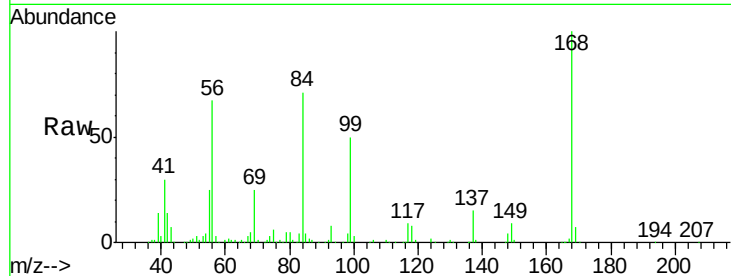
#31
Cyclohexane
Concen: 46.511 ug/l
RT: 7.81 min Scan# 996
Delta R.T. 0.01 min
Lab File: VY002452.D
Acq: 21 Apr 2020 22:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	37.7	29.1	43.7
84	103.9	79.4	119.2

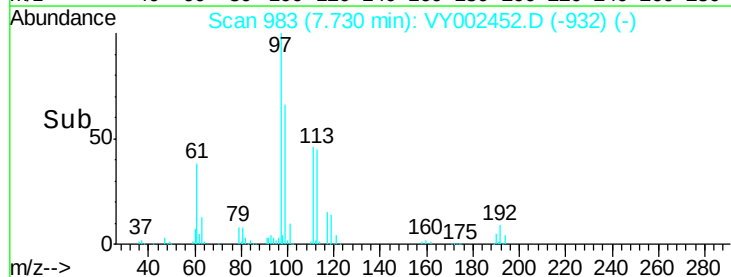
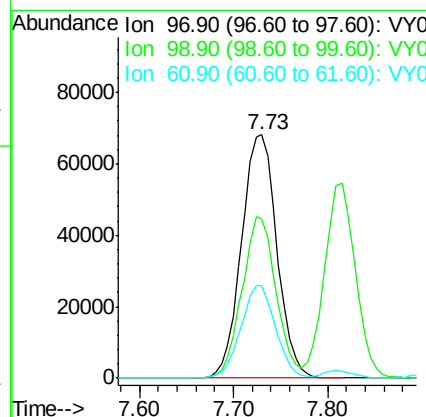
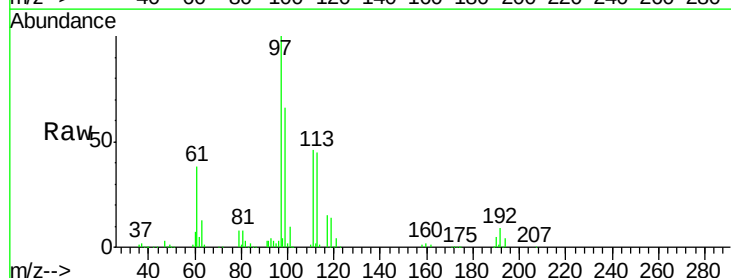
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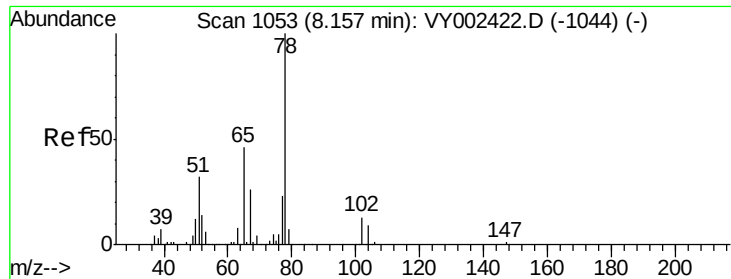
MMDadoda
4/22/2020 11:44:34 AM



#32
1,1,1-Trichloroethane
Concen: 50.491 ug/l
RT: 7.73 min Scan# 983
Delta R.T. 0.01 min
Lab File: VY002452.D
Acq: 21 Apr 2020 22:21

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.9	77.9
61	37.3	30.8	46.2





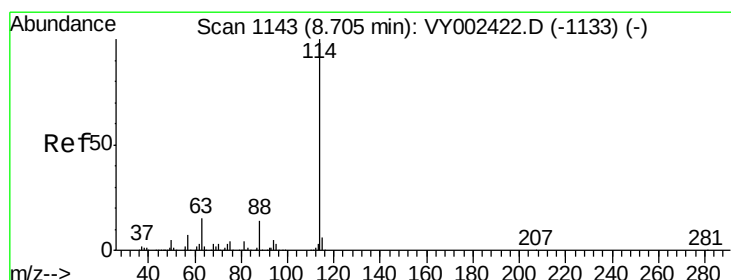
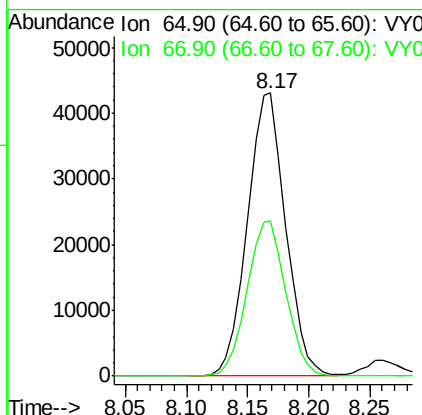
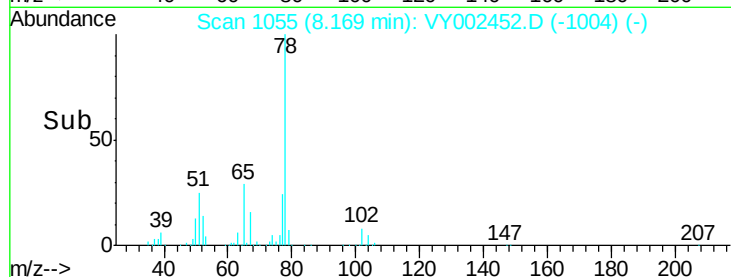
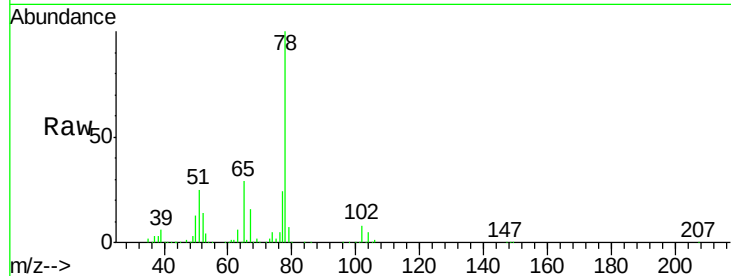
#33
 1,2-Dichloroethane-d4
 Concen: 49.079 ug/l
 RT: 8.17 min Scan# 1055
 Delta R.T. 0.01 min
 Lab File: VY002452.D
 Acq: 21 Apr 2020 22:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	55.5	0.0	111.0	

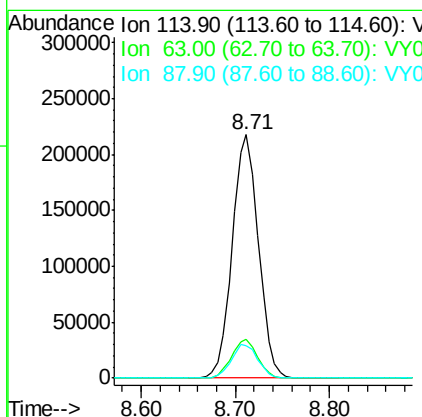
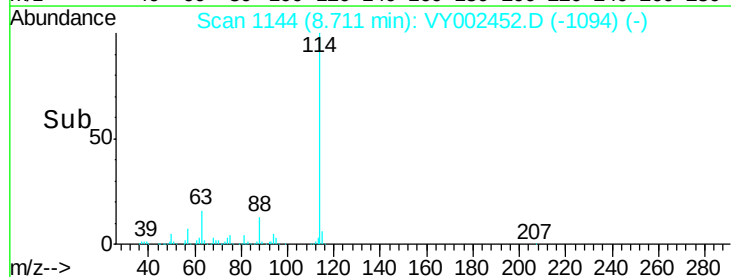
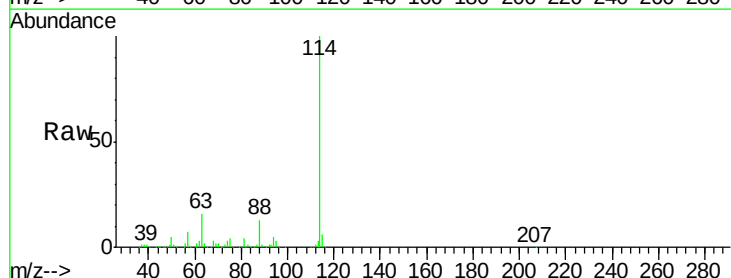
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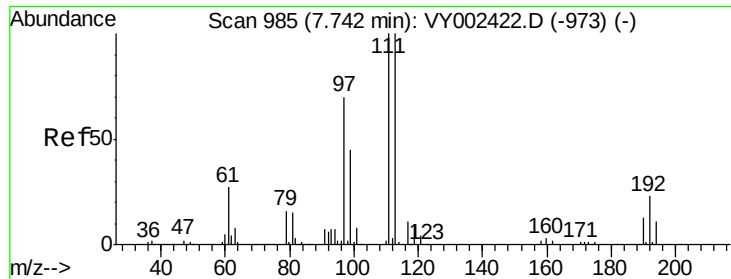
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.01 min
 Lab File: VY002452.D
 Acq: 21 Apr 2020 22:21

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	15.9	0.0	31.0	
88	13.3	0.0	28.2	





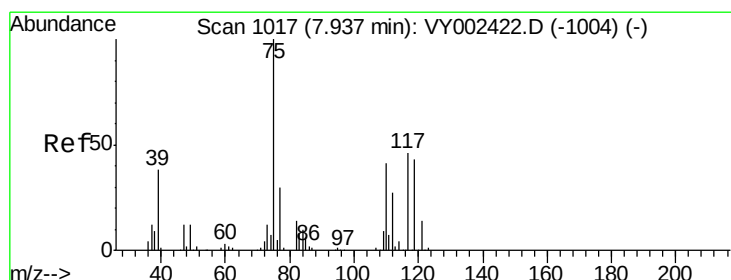
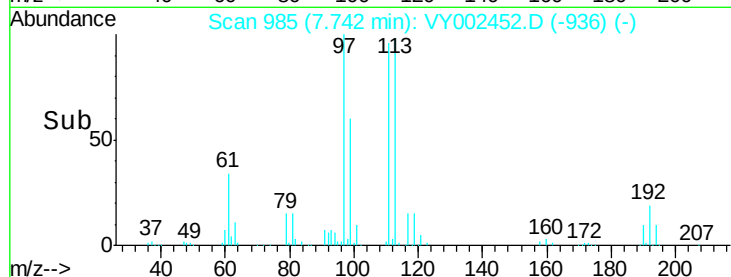
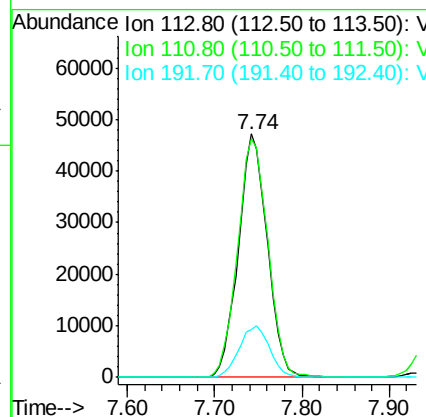
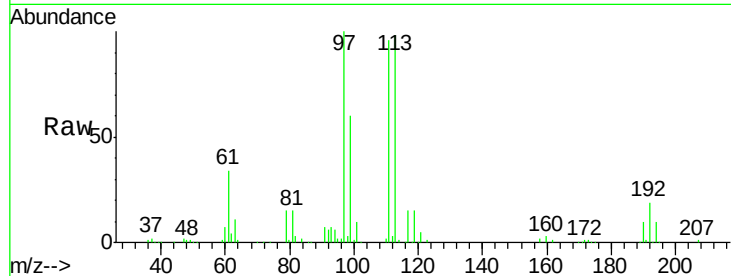
#35
Dibromofluoromethane
Concen: 49.057 ug/l
RT: 7.74 min Scan# 985
Delta R.T. -0.00 min
Lab File: VY002452.D
Acq: 21 Apr 2020 22:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	108446		
111	103.0		81.7	122.5
192	22.5		17.8	26.6

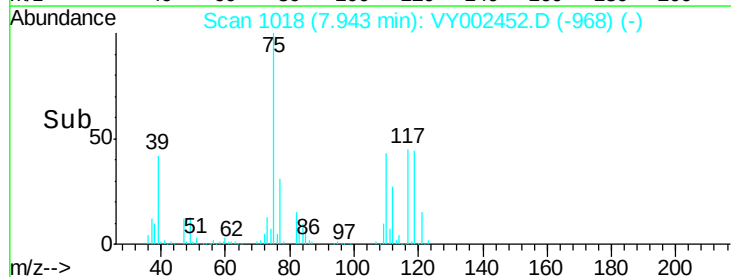
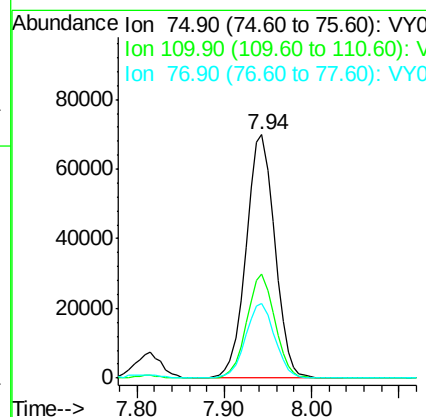
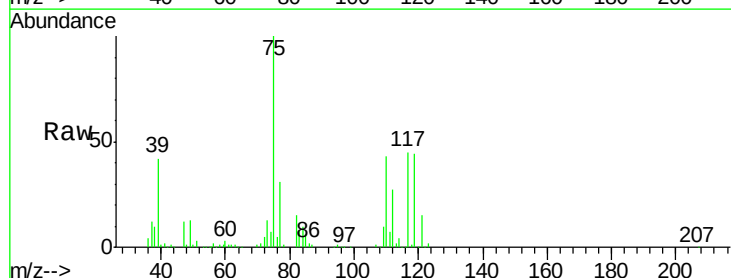
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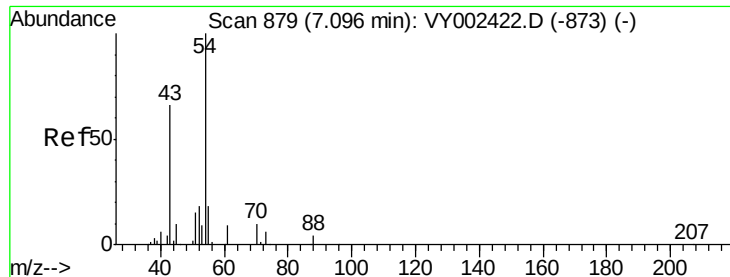
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#36
1,1-Dichloropropene
Concen: 47.115 ug/l
RT: 7.94 min Scan# 1018
Delta R.T. 0.01 min
Lab File: VY002452.D
Acq: 21 Apr 2020 22:21

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	159331		
110	41.8		20.4	61.2
77	31.2		25.5	38.3





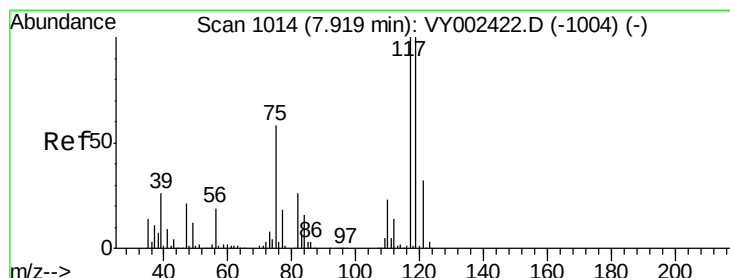
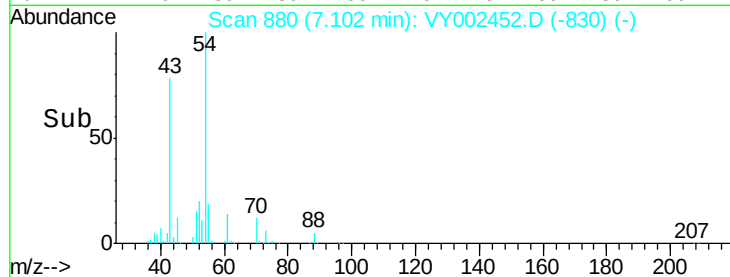
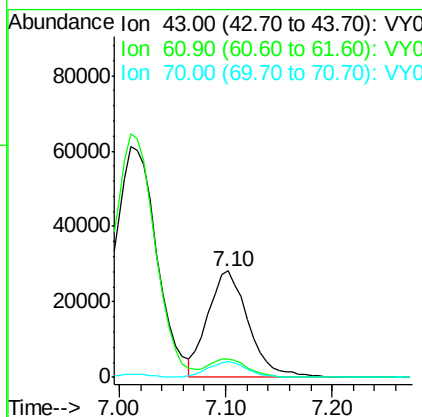
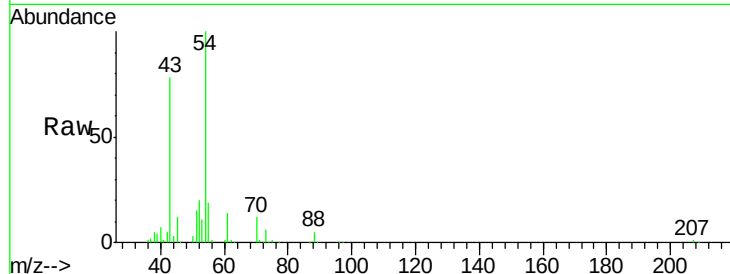
#37
Ethyl Acetate
Concen: 46.986 ug/l
RT: 7.10 min Scan# 880
Delta R.T. 0.01 min
Lab File: VY002452.D
Acq: 21 Apr 2020 22:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.9	13.5	20.3
70	14.1	10.6	16.0

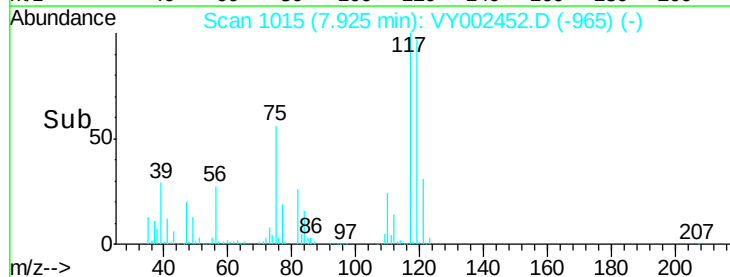
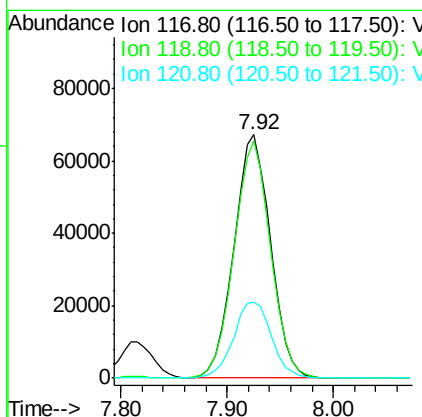
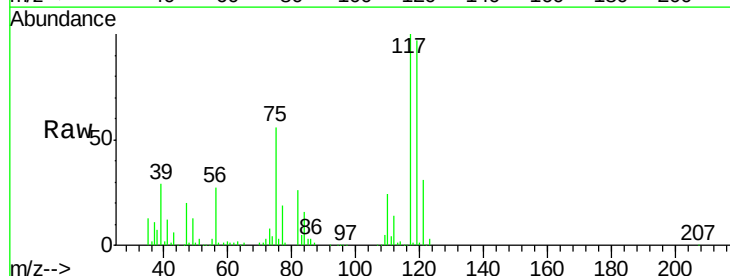
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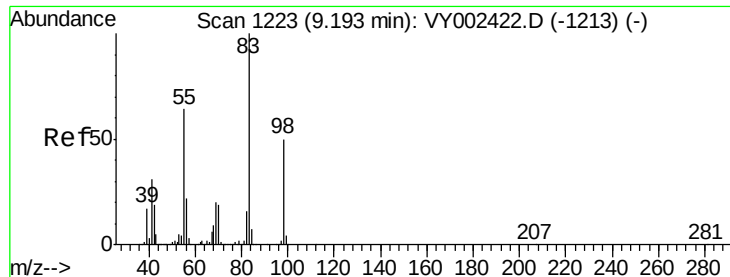
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#38
Carbon Tetrachloride
Concen: 47.657 ug/l
RT: 7.92 min Scan# 1015
Delta R.T. 0.01 min
Lab File: VY002452.D
Acq: 21 Apr 2020 22:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.3	79.6	119.4
121	31.1	25.4	38.2





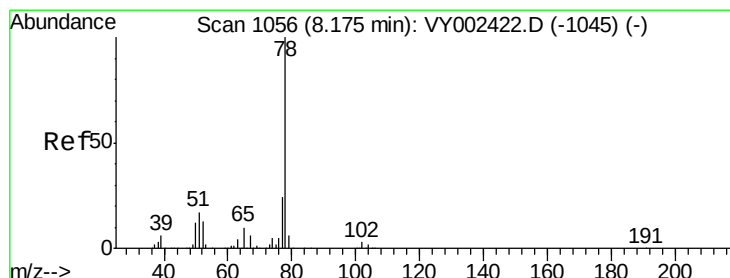
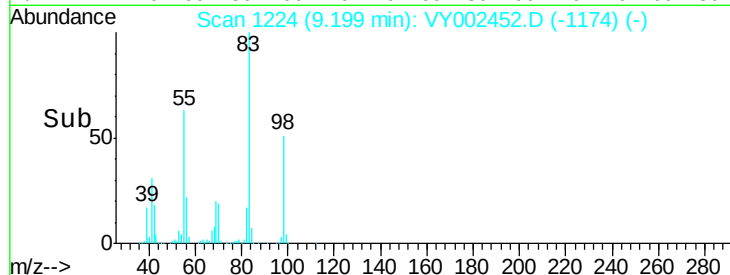
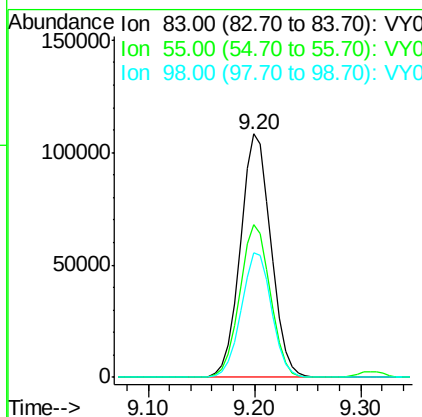
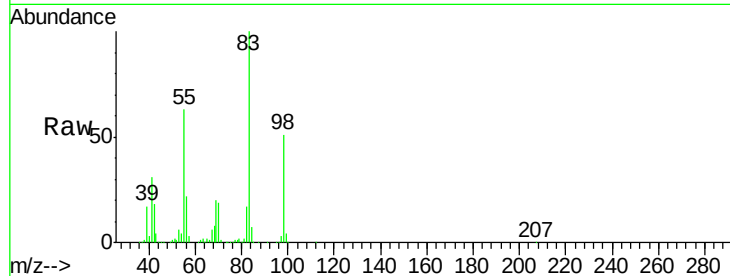
#39
Methylvlcyclohexane
Concen: 46.699 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. 0.01 min
Lab File: VY002452.D
Acq: 21 Apr 2020 22:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	218040		
55	62.9		51.2	76.8
98	51.3		39.8	59.6

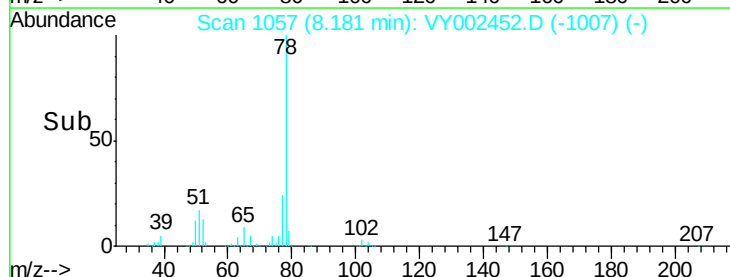
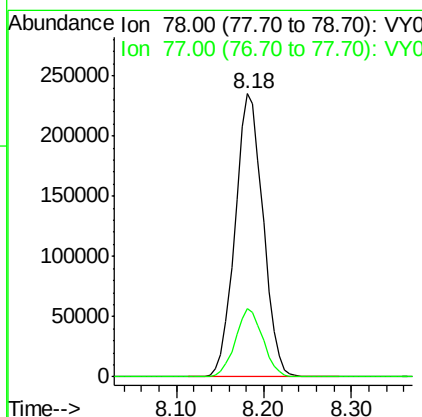
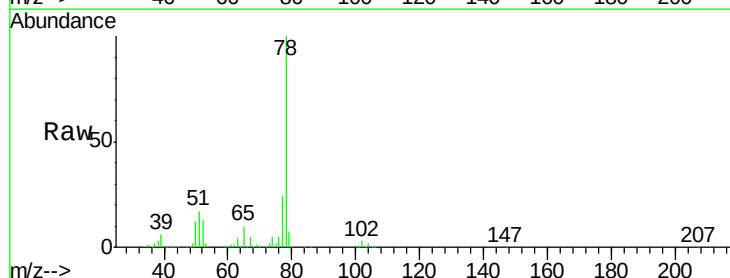
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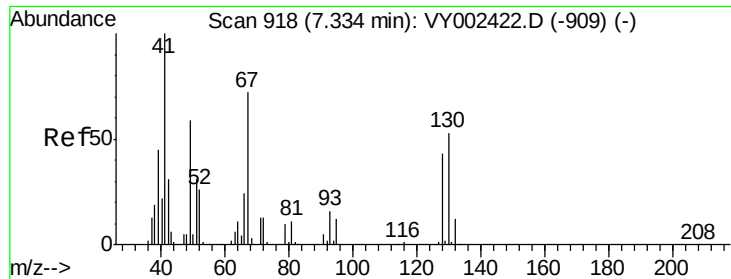
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#40
Benzene
Concen: 50.107 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. 0.01 min
Lab File: VY002452.D
Acq: 21 Apr 2020 22:21

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	521525		
77	24.2		19.0	28.4





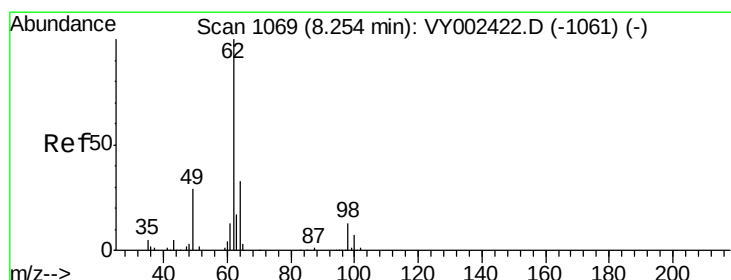
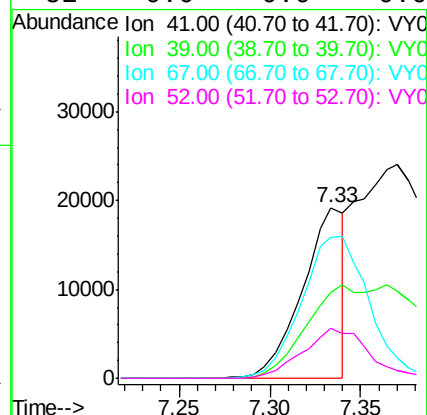
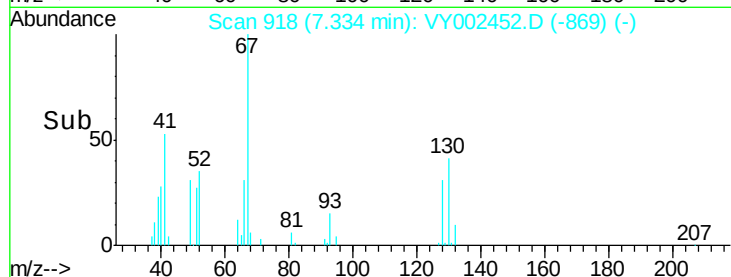
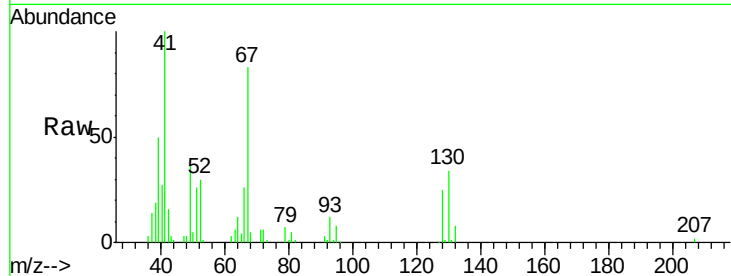
#41
Methacrylonitrile
Concen: 37.051 ug/l m
RT: 7.33 min Scan# 918
Delta R.T. -0.00 min
Lab File: VY002452.D
Acq: 21 Apr 2020 22:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	41	Resp	31205
Ion	Ratio	Lower	Upper
41	100		
39	0.0	99.0	148.4#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

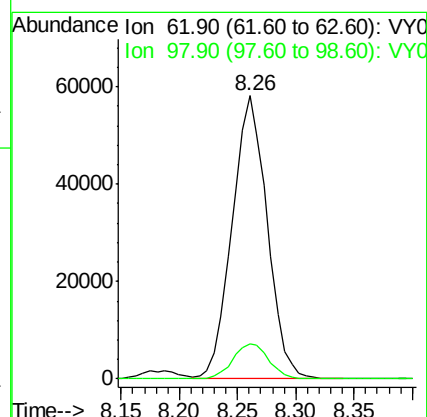
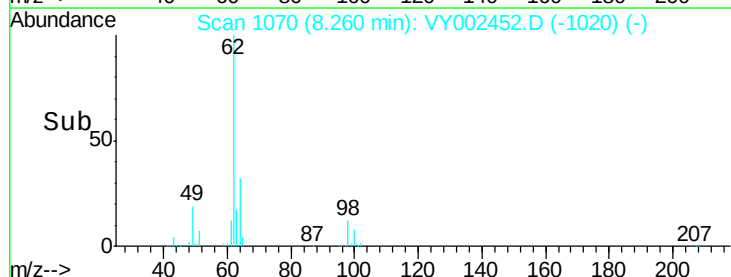
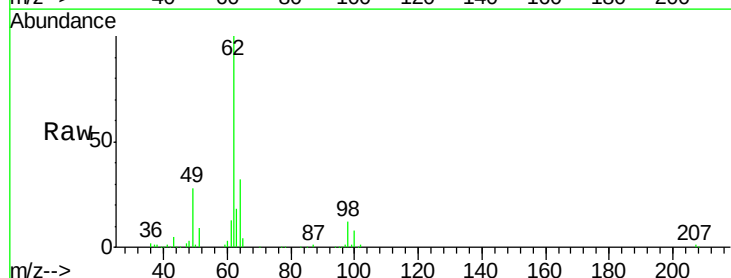
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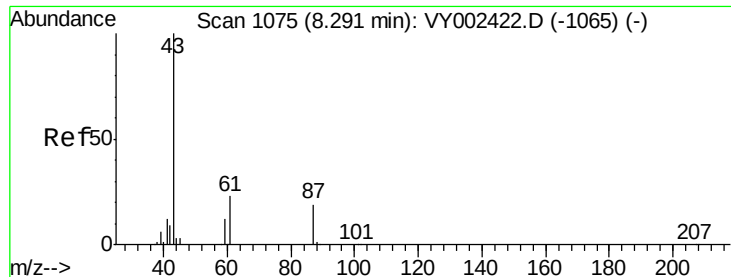
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#42
1,2-Dichloroethane
Concen: 49.772 ug/l
RT: 8.26 min Scan# 1070
Delta R.T. 0.01 min
Lab File: VY002452.D
Acq: 21 Apr 2020 22:21

Tgt Ion	62	Resp	122052
Ion	Ratio	Lower	Upper
62	100		
98	12.7	0.0	25.4





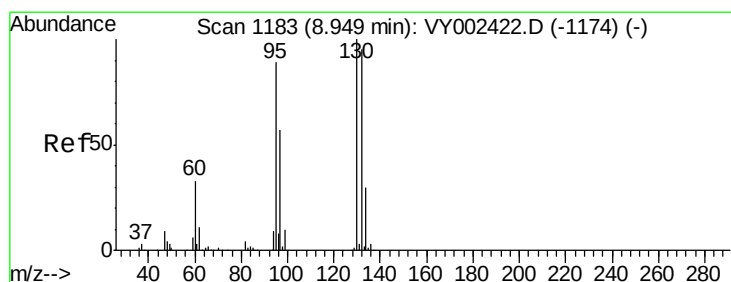
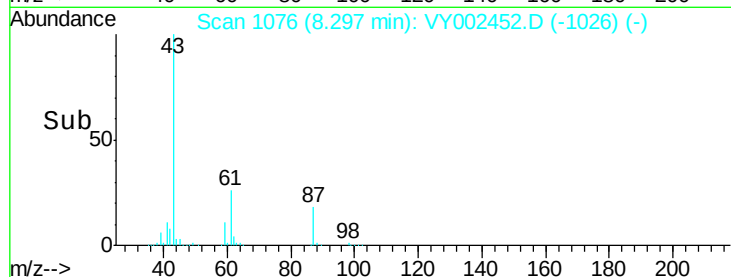
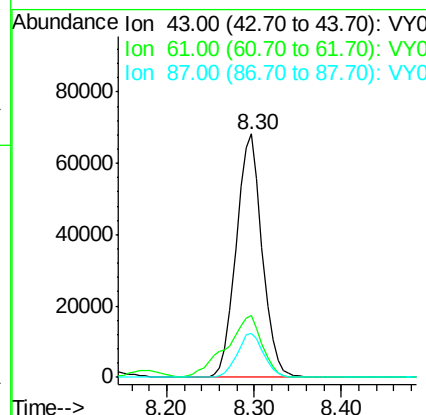
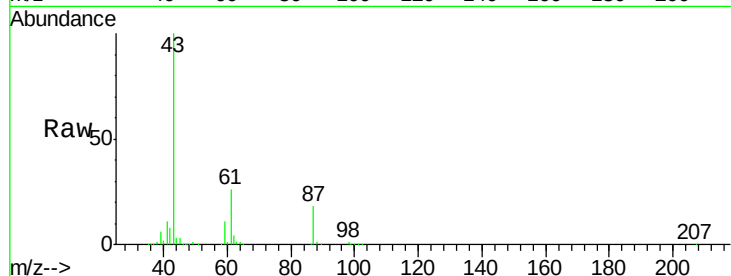
#43
Isopropyl Acetate
Concen: 47.531 ug/l
RT: 8.30 min Scan# 1076
Delta R.T. 0.01 min
Lab File: VY002452.D
Acq: 21 Apr 2020 22:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	34.7	27.7	41.5
87	18.2	14.5	21.7

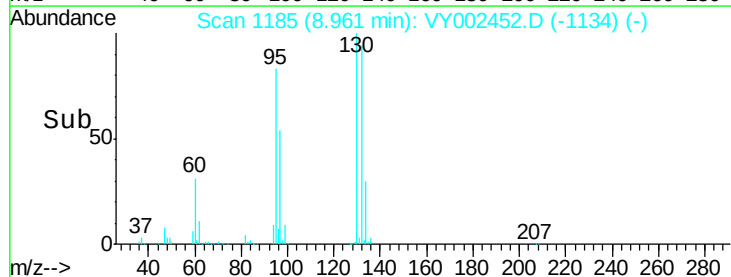
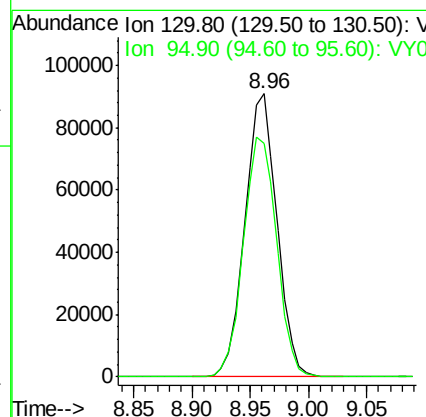
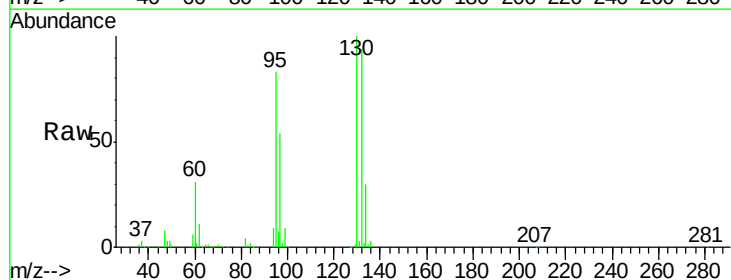
Manual Integrations
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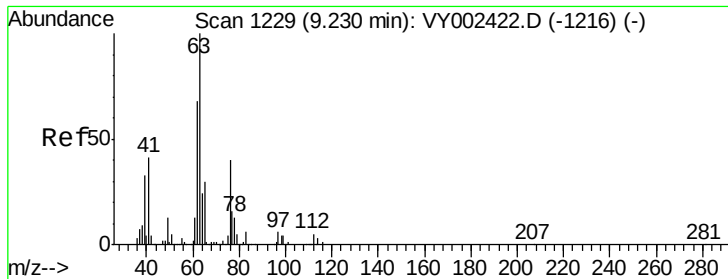
MMDadoda
4/22/2020 11:44:34 AM



#44
Trichloroethene
Concen: 50.265 ug/l
RT: 8.96 min Scan# 1185
Delta R.T. 0.01 min
Lab File: VY002452.D
Acq: 21 Apr 2020 22:21

Tgt Ion	Ratio	Lower	Upper
130	100		
95	82.5	0.0	178.4





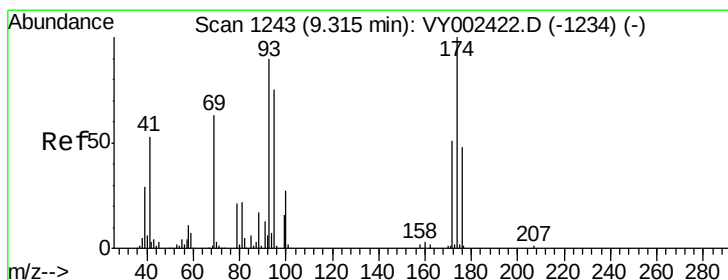
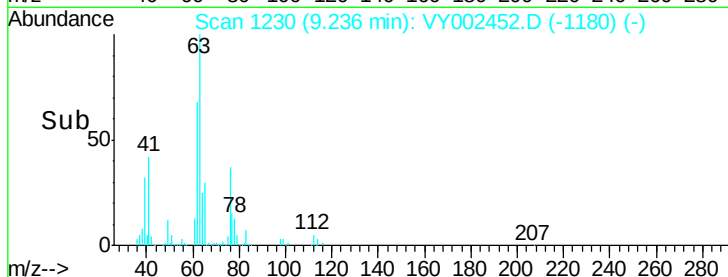
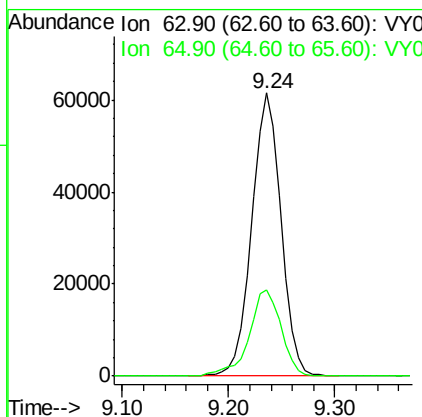
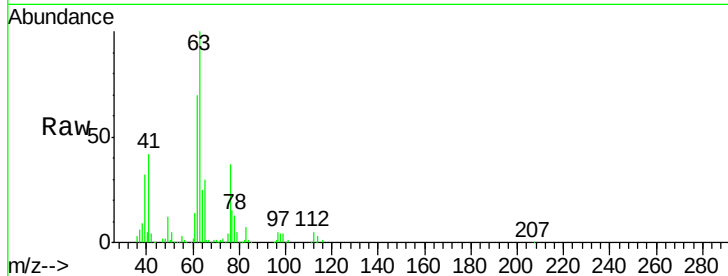
#45
 1,2-Dichloropropane
 Concen: 49.981 ug/l
 RT: 9.24 min Scan# 1230
 Delta R.T. 0.01 min
 Lab File: VY002452.D
 Acq: 21 Apr 2020 22:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	63	Resp	118827
Ion	Ratio	Lower	Upper
63	100		
65	30.3	24.2	36.2

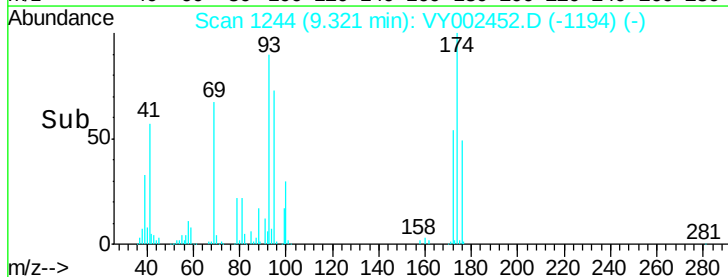
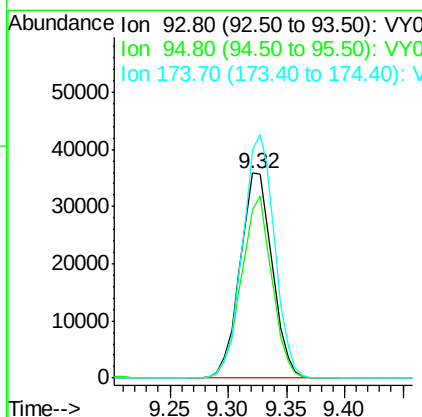
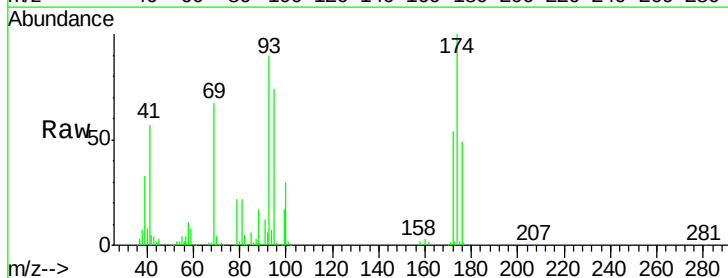
Manual Integrations
 APPROVED

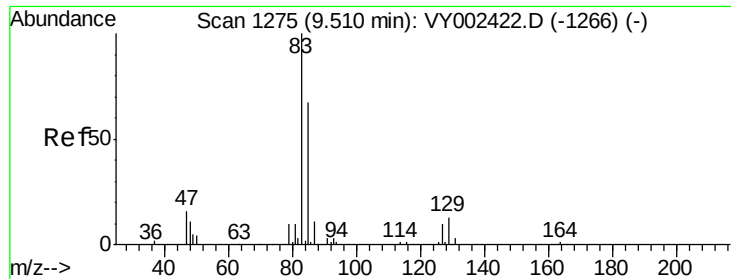
MMDadoda
 4/22/2020 11:44:34 AM



#46
 Dibromomethane
 Concen: 49.964 ug/l
 RT: 9.32 min Scan# 1244
 Delta R.T. 0.01 min
 Lab File: VY002452.D
 Acq: 21 Apr 2020 22:21

Tgt Ion	93	Resp	69328
Ion	Ratio	Lower	Upper
93	100		
95	84.4	67.5	101.3
174	118.0	94.5	141.7





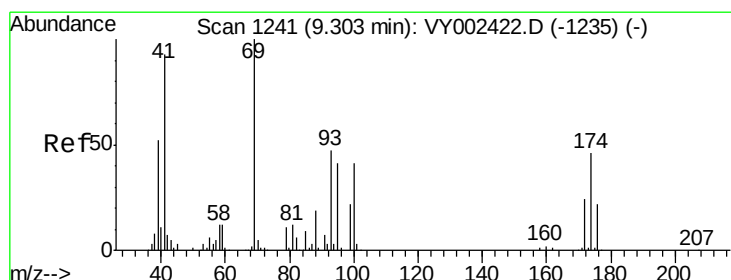
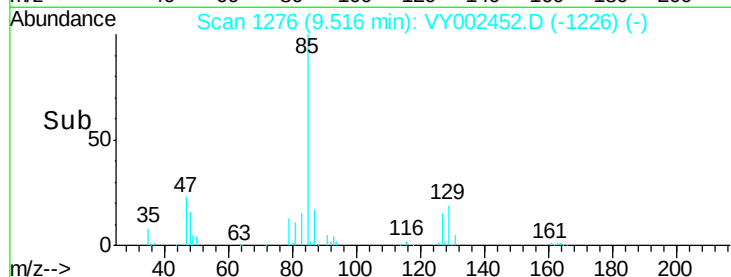
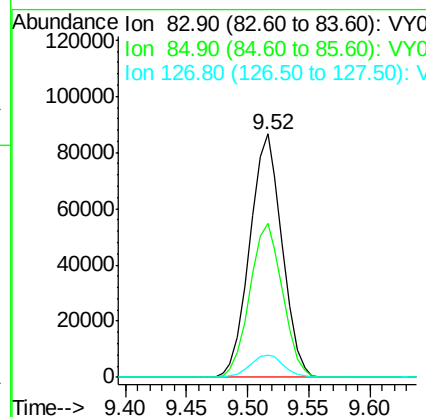
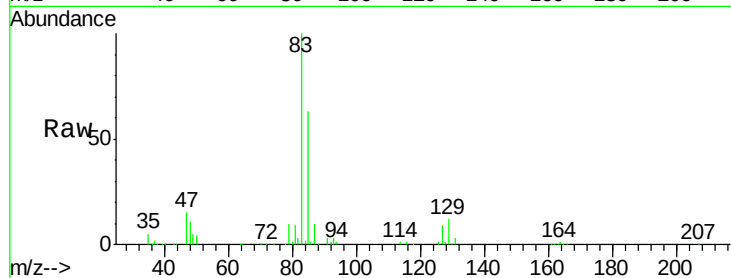
#47
Bromodichloromethane
Concen: 50.621 ug/l
RT: 9.52 min Scan# 1276
Delta R.T. 0.01 min
Lab File: VY002452.D
Acq: 21 Apr 2020 22:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	159356		
85	63.3		53.4	80.2
127	9.2		7.8	11.6

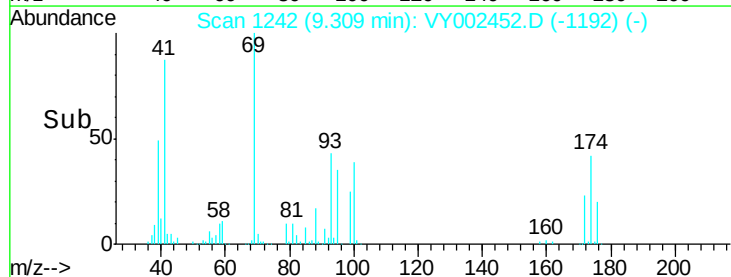
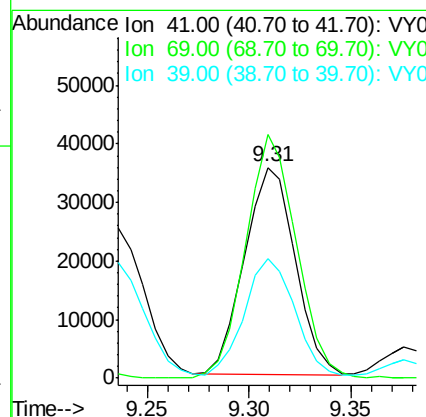
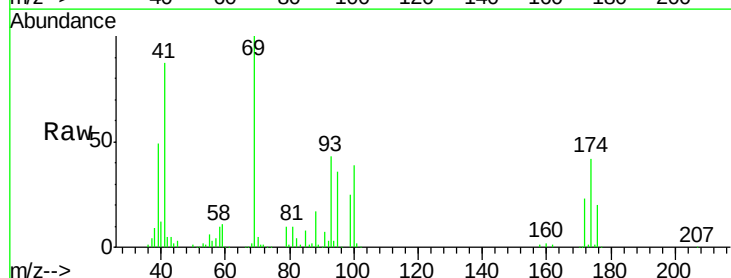
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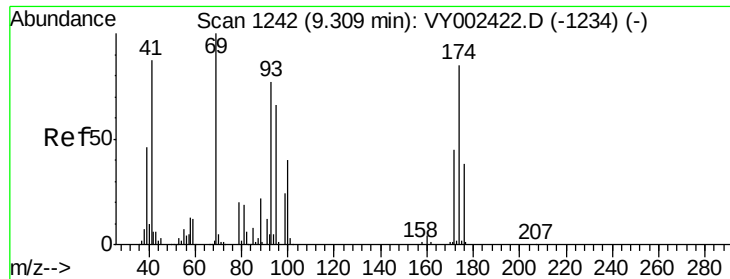
MMDadoda
4/22/2020 11:44:34 AM



#48
Methyl methacrylate
Concen: 46.264 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.01 min
Lab File: VY002452.D
Acq: 21 Apr 2020 22:21

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	61258		
69	117.6		87.9	131.9
39	58.1		43.5	65.3





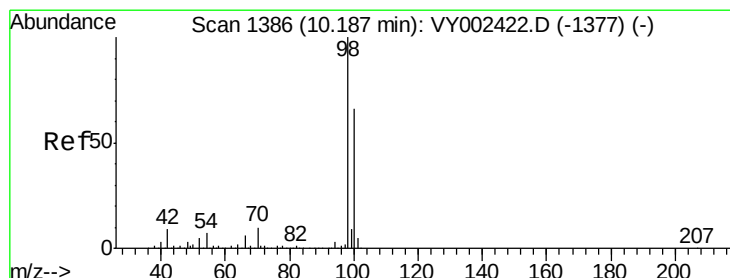
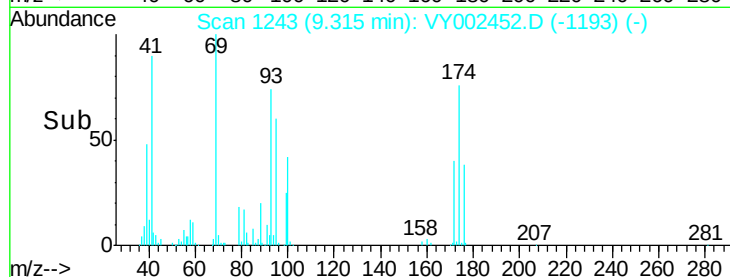
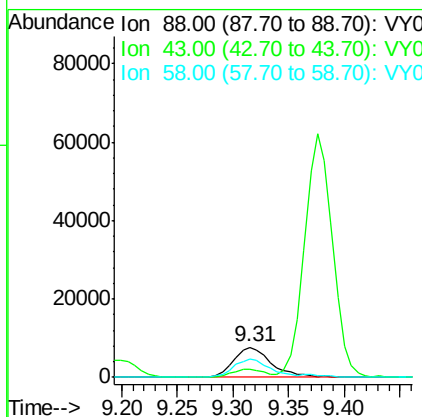
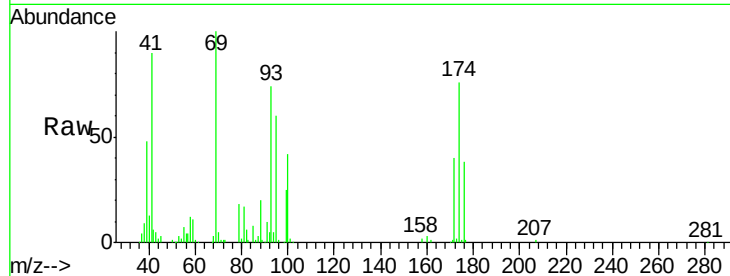
#49
1,4-Dioxane
Concen: 888.725 ug/l
RT: 9.31 min Scan# 1243
Delta R.T. 0.01 min
Lab File: VY002452.D
Acq: 21 Apr 2020 22:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	24.3	19.0	28.6
58	62.9	44.8	67.2

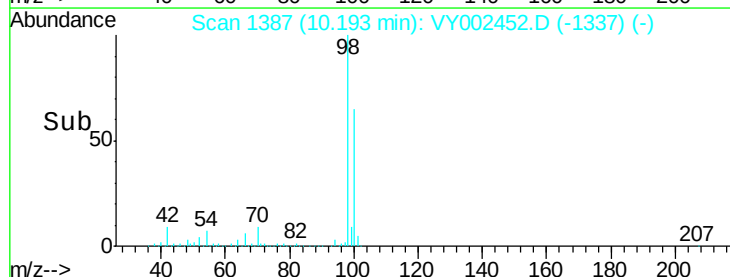
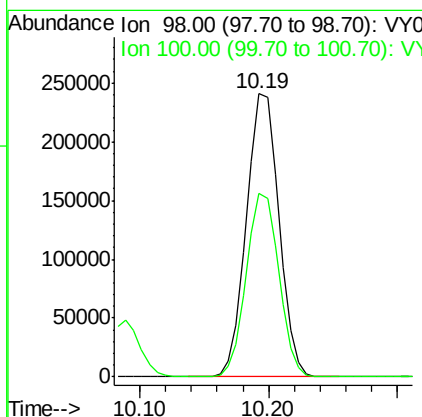
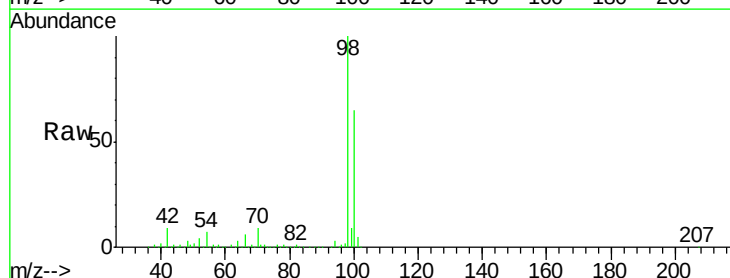
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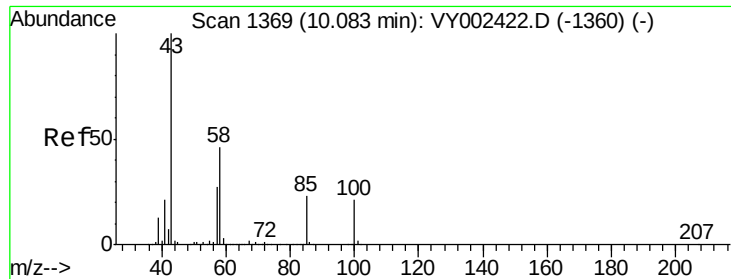
MMDadoda
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#50
Toluene-d8
Concen: 47.093 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.01 min
Lab File: VY002452.D
Acq: 21 Apr 2020 22:21

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.7	51.6	77.4





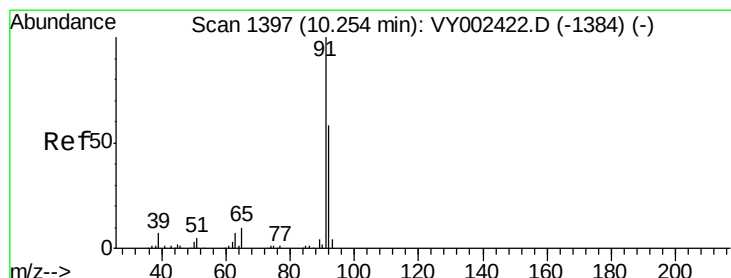
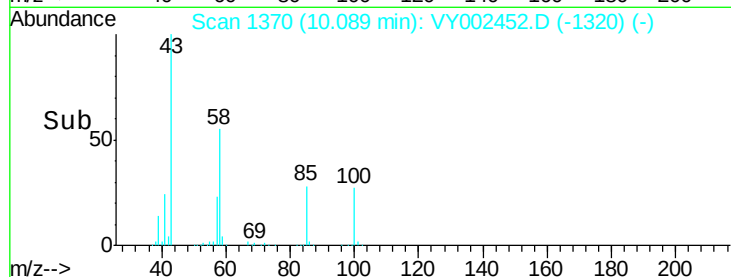
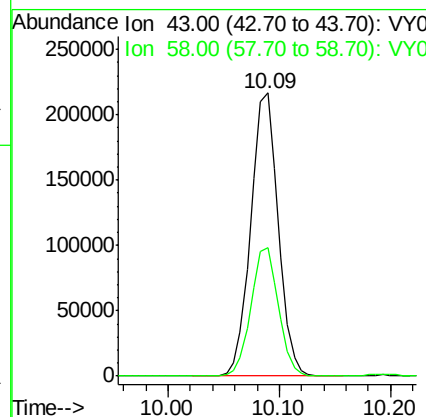
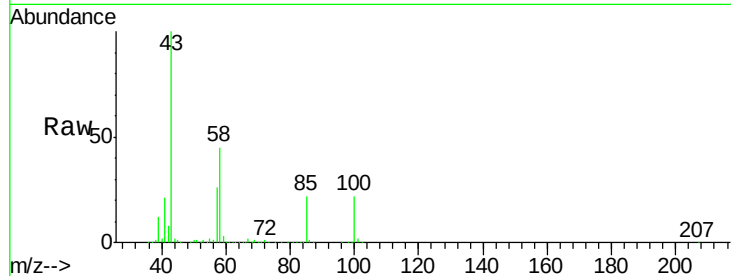
#51
4-Methyl-2-Pentanone
Concen: 241.251 ug/l
RT: 10.09 min Scan# 1370
Delta R.T. 0.01 min
Lab File: VY002452.D
Acq: 21 Apr 2020 22:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	371572
Ion Ratio	100	Lower	Upper
43	100		
58	45.5	36.8	55.2

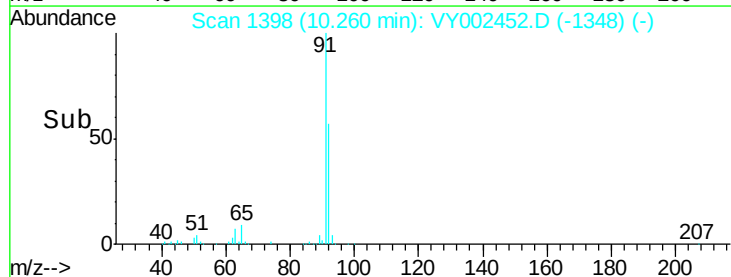
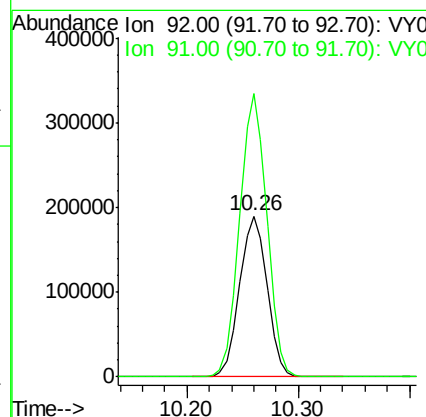
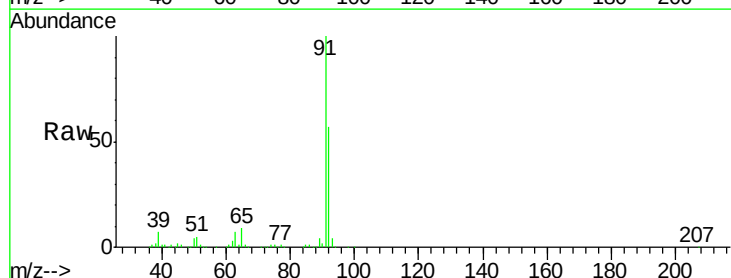
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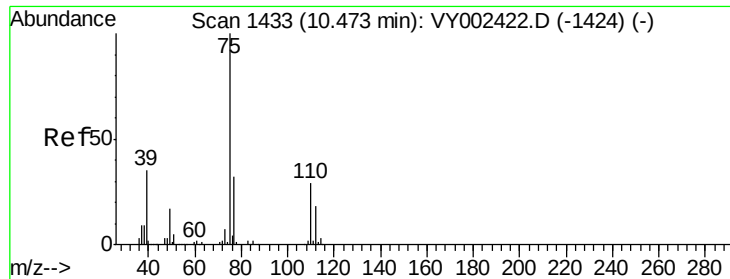
MMDadoda
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#52
Toluene
Concen: 49.310 ug/l
RT: 10.26 min Scan# 1398
Delta R.T. 0.01 min
Lab File: VY002452.D
Acq: 21 Apr 2020 22:21

Tgt Ion	92	Resp	324815
Ion Ratio	100	Lower	Upper
92	100		
91	174.1	139.3	208.9





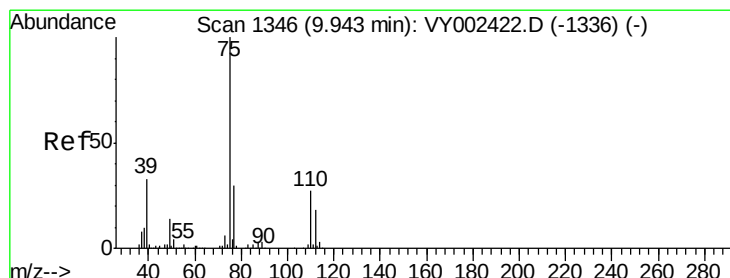
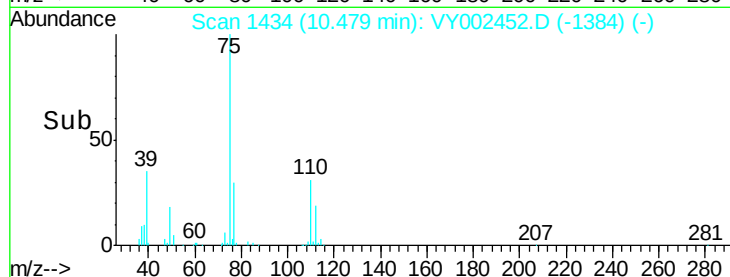
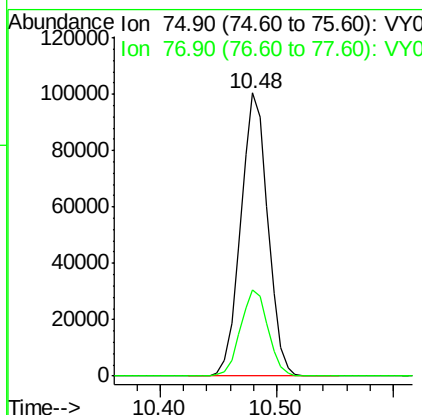
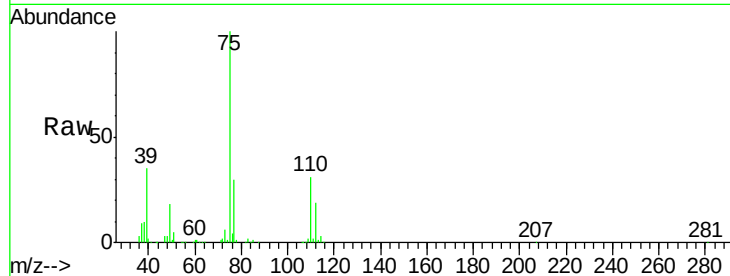
#53
t-1,3-Dichloropropene
Concen: 48.405 ug/l
RT: 10.48 min Scan# 1434
Delta R.T. 0.01 min
Lab File: VY002452.D
Acq: 21 Apr 2020 22:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.5	25.2	37.8

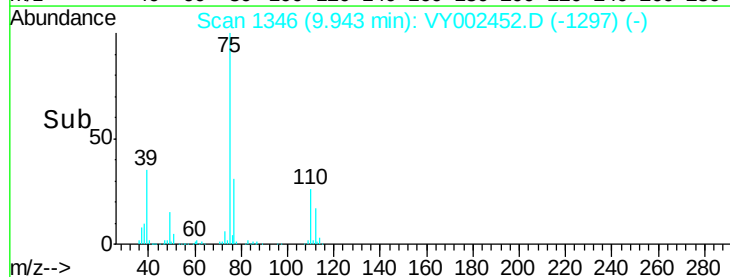
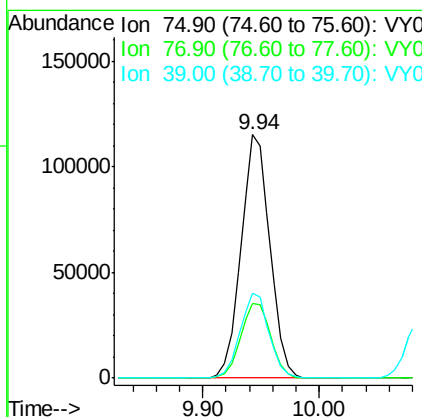
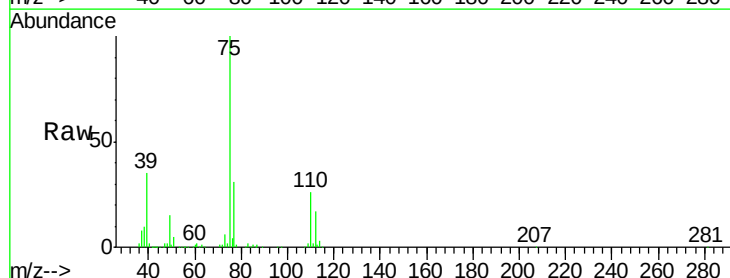
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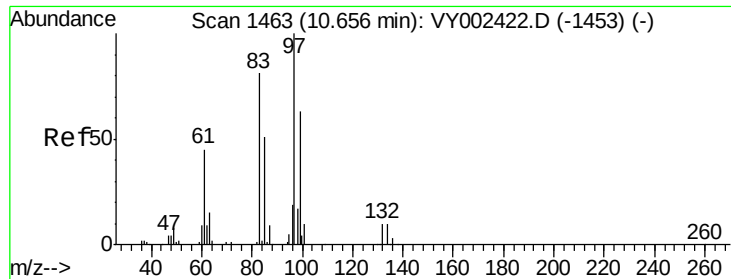
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 49.493 ug/l
RT: 9.94 min Scan# 1346
Delta R.T. -0.00 min
Lab File: VY002452.D
Acq: 21 Apr 2020 22:21

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.8	24.2	36.4
39	34.9	26.6	40.0





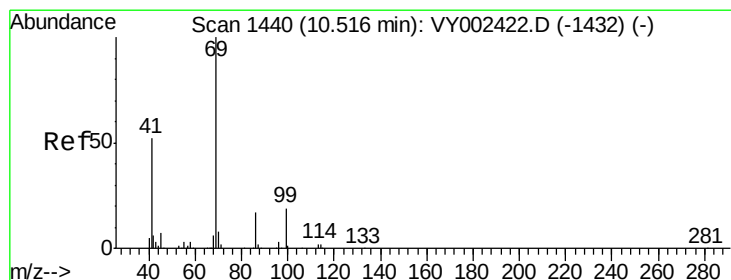
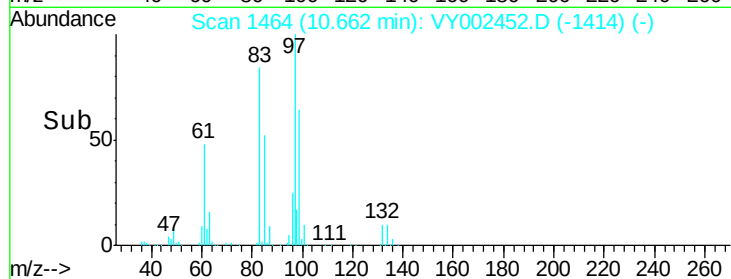
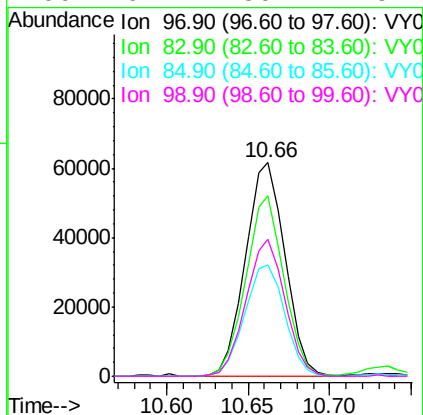
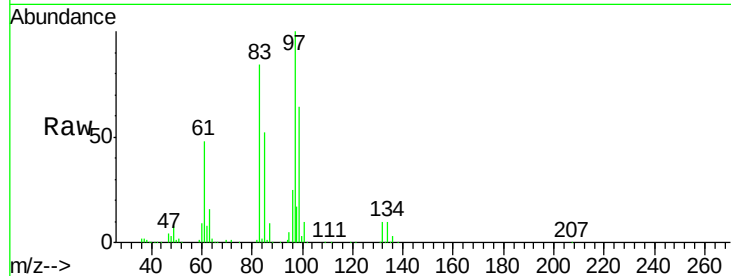
#55
 1,1,2-Trichloroethane
 Concen: 49.858 ug/l
 RT: 10.66 min Scan# 1464
 Delta R.T. 0.01 min
 Lab File: VY002452.D
 Acq: 21 Apr 2020 22:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	103763
Ion	Ratio	Lower	Upper
97	100		
83	84.3	64.6	96.8
85	52.0	41.1	61.7
99	64.2	50.2	75.2

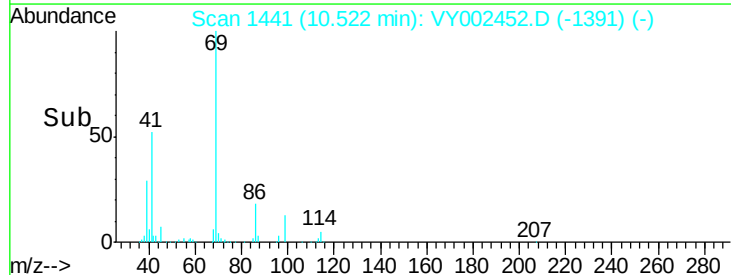
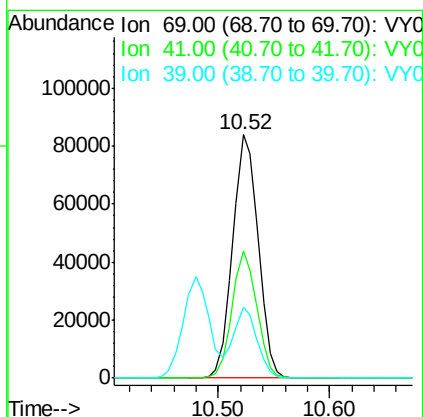
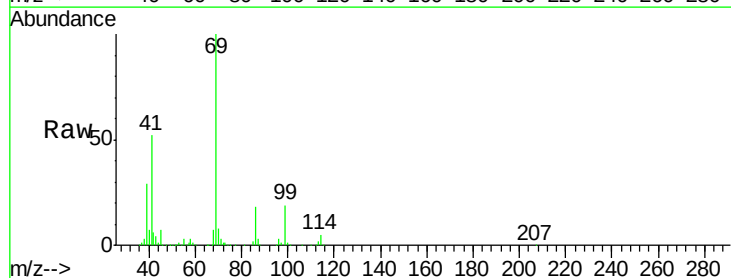
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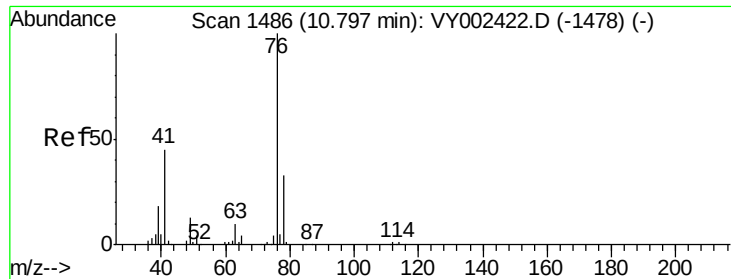
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#56
 Ethyl methacrylate
 Concen: 49.646 ug/l
 RT: 10.52 min Scan# 1441
 Delta R.T. 0.01 min
 Lab File: VY002452.D
 Acq: 21 Apr 2020 22:21

Tgt Ion:	69	Resp:	133081
Ion	Ratio	Lower	Upper
69	100		
41	50.7	42.0	63.0
39	26.6	21.2	31.8





#57

1,3-Dichloropropane

Concen: 49.645 ug/l

RT: 10.81 min Scan# 1488

Delta R.T. 0.01 min

Lab File: VY002452.D

Acq: 21 Apr 2020 22:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 169140

Ion Ratio Lower Upper

76 100

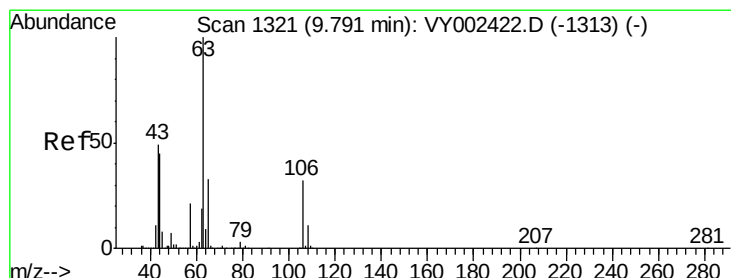
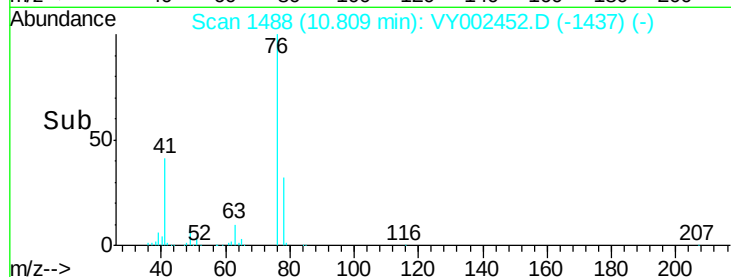
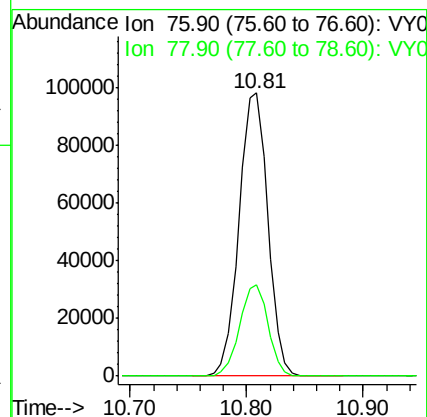
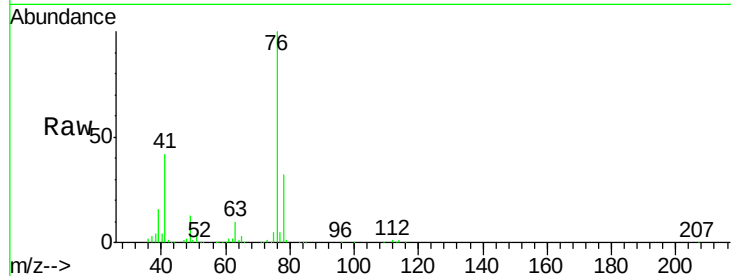
78 31.9 26.2 39.2

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#58

2-Chloroethyl Vinyl ether

Concen: 237.552 ug/l

RT: 9.80 min Scan# 1323

Delta R.T. 0.01 min

Lab File: VY002452.D

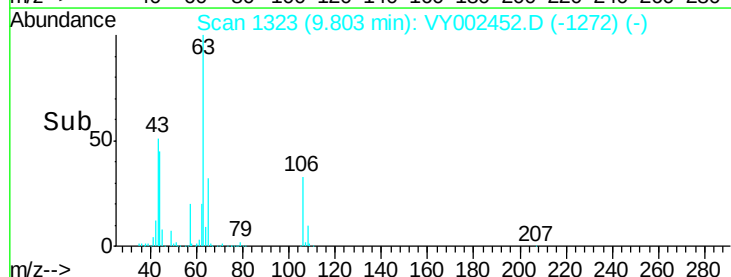
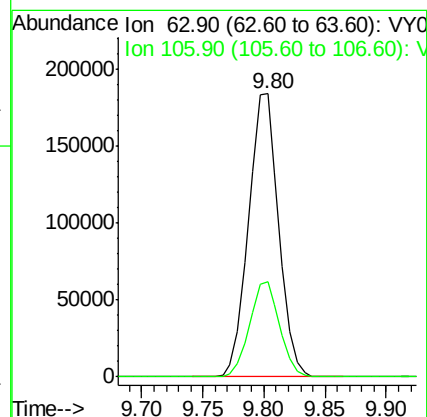
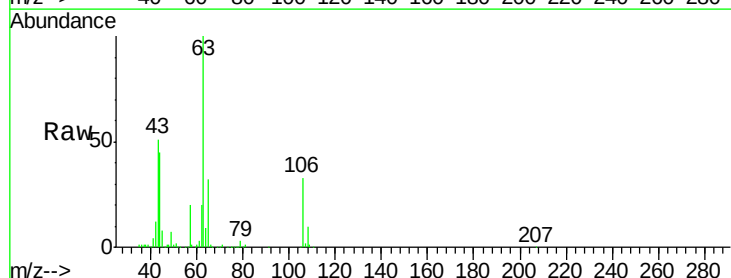
Acq: 21 Apr 2020 22:21

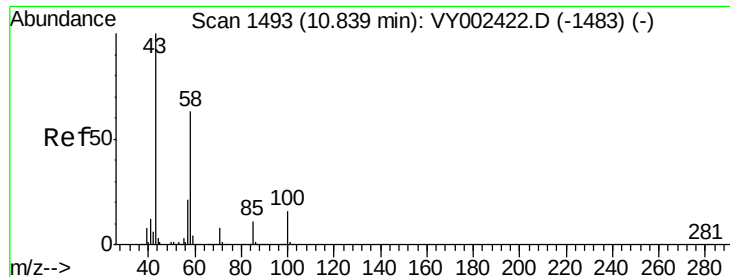
Tgt Ion: 63 Resp: 315439

Ion Ratio Lower Upper

63 100

106 33.5 26.2 39.4





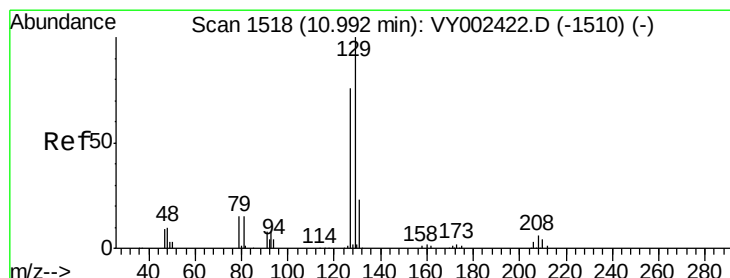
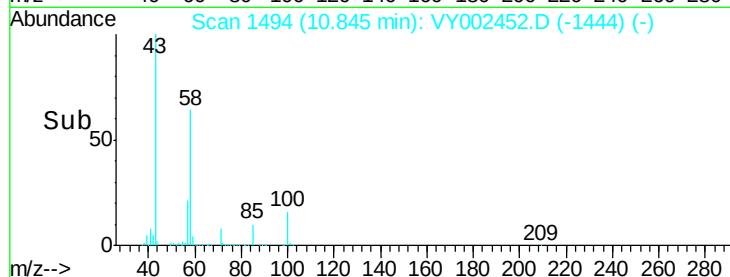
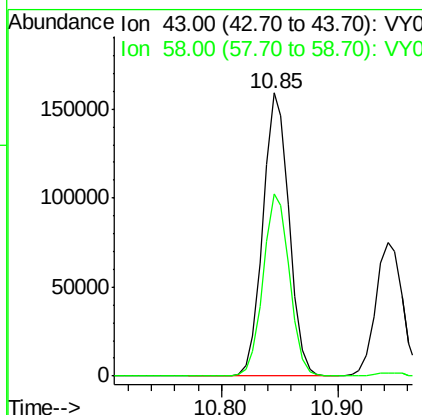
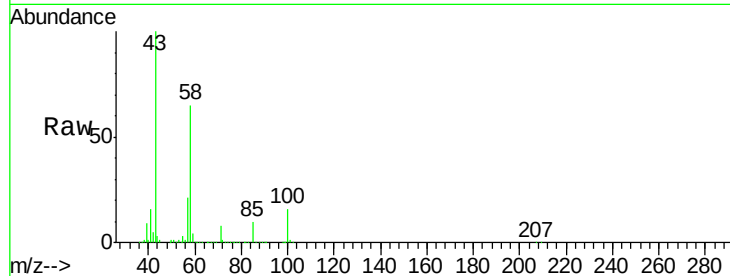
#59
2-Hexanone
Concen: 228.225 ug/l
RT: 10.85 min Scan# 1494
Delta R.T. 0.01 min
Lab File: VY002452.D
Acq: 21 Apr 2020 22:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 249478
Ion Ratio Lower Upper
43 100
58 64.5 32.5 97.4

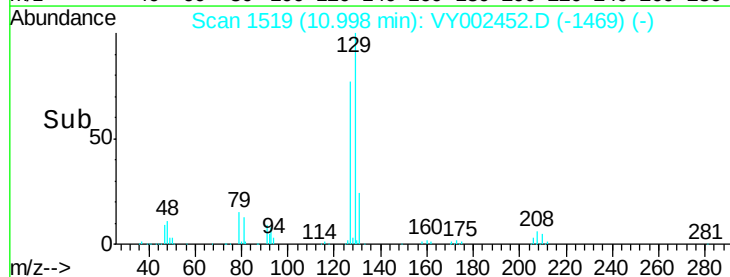
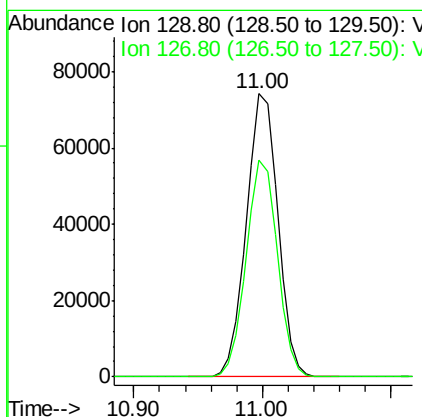
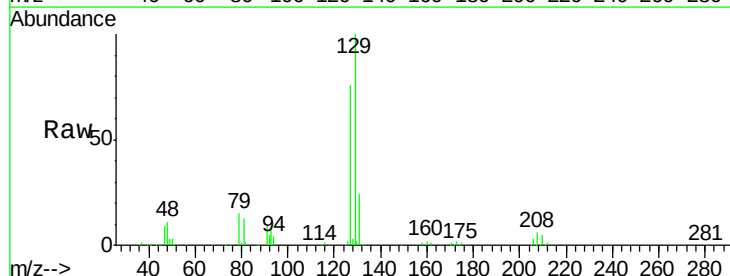
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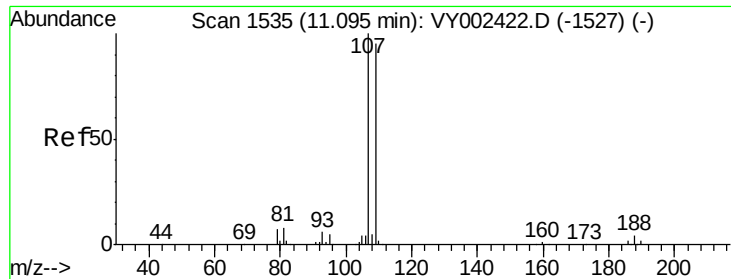
MMDadoda
4/22/2020 11:44:34 AM



#60
Dibromochloromethane
Concen: 49.974 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. 0.01 min
Lab File: VY002452.D
Acq: 21 Apr 2020 22:21

Tgt Ion: 129 Resp: 125268
Ion Ratio Lower Upper
129 100
127 75.9 38.6 115.7





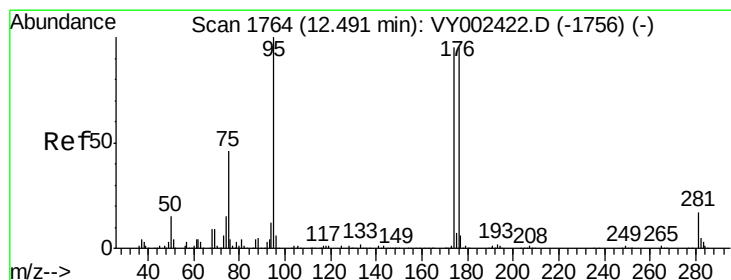
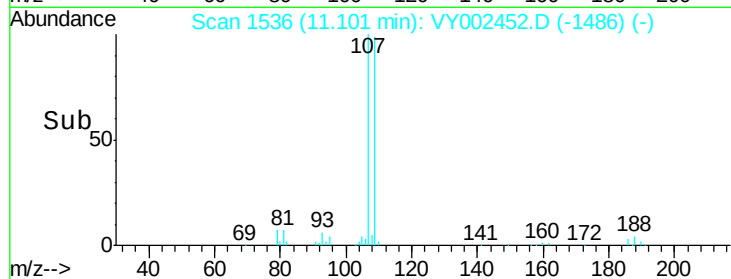
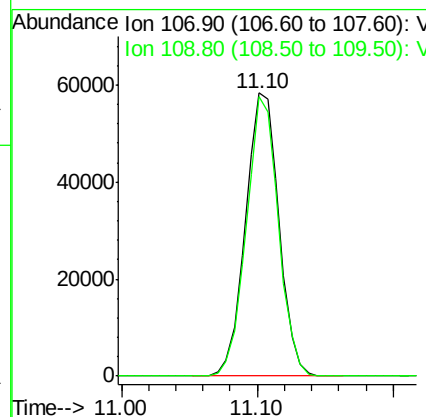
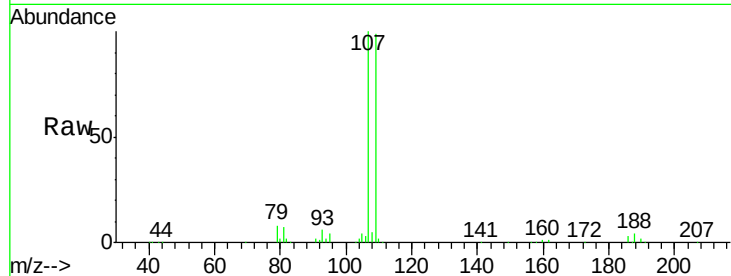
#61
 1,2-Dibromoethane
 Concen: 49.190 ug/l
 RT: 11.10 min Scan# 1536
 Delta R.T. 0.01 min
 Lab File: VY002452.D
 Acq: 21 Apr 2020 22:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.8	76.4	114.6

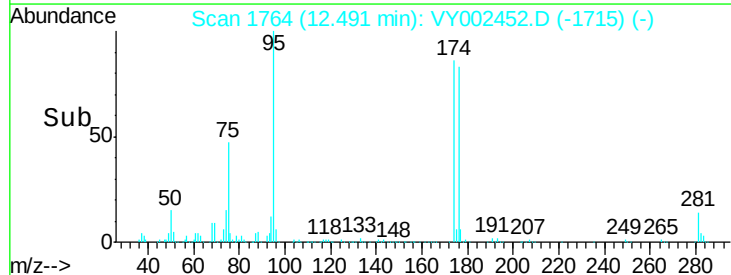
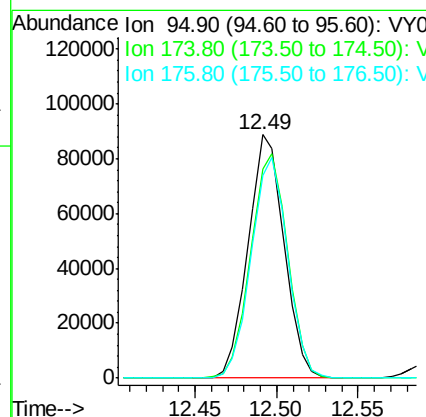
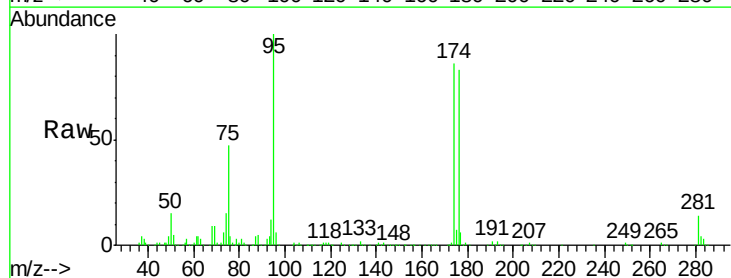
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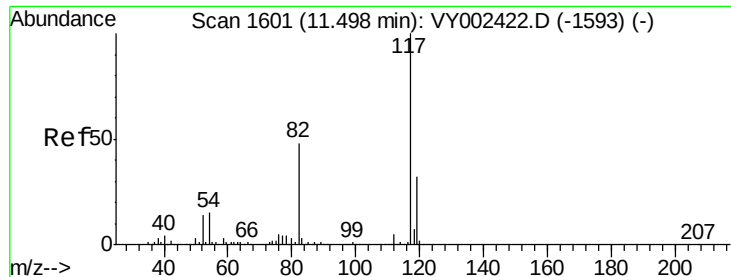
MMDadoda
 4/22/2020 11:44:34 AM



#62
 4-Bromofluorobenzene
 Concen: 46.271 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. -0.00 min
 Lab File: VY002452.D
 Acq: 21 Apr 2020 22:21

Tgt Ion	Ratio	Lower	Upper
95	100		
174	94.6	0.0	185.8
176	91.5	0.0	181.2





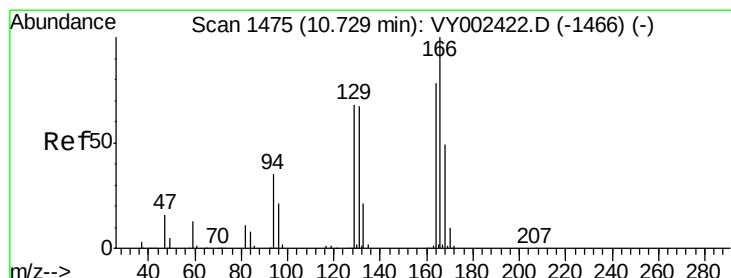
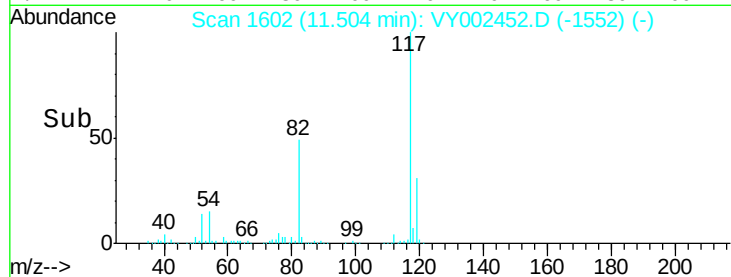
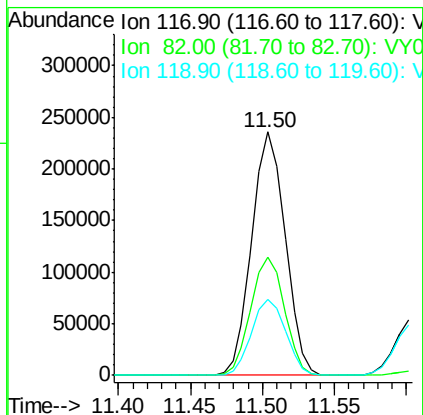
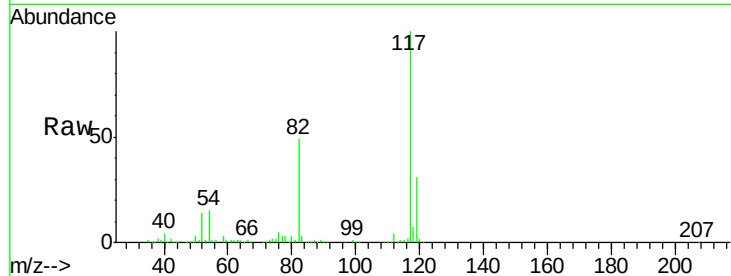
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY002452.D
Acq: 21 Apr 2020 22:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	379863		
82	48.7		38.4	57.6
119	31.4		25.3	37.9

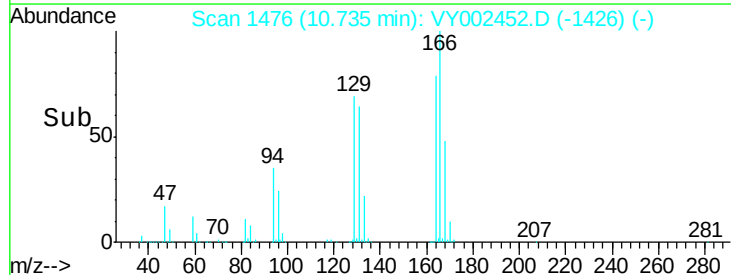
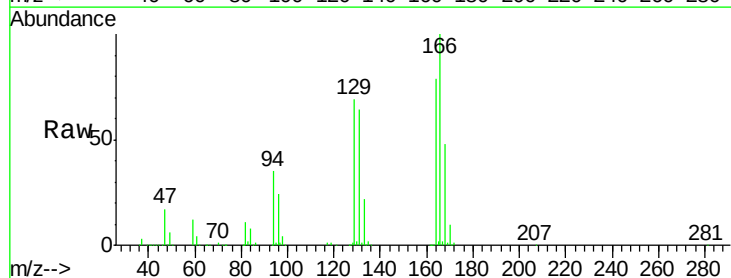
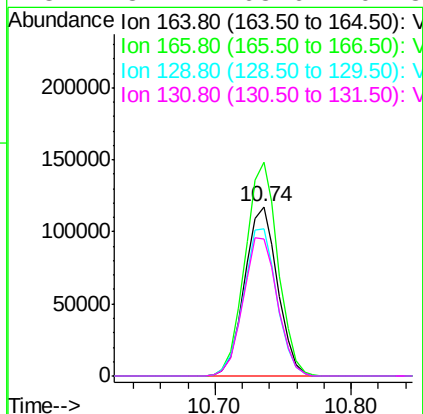
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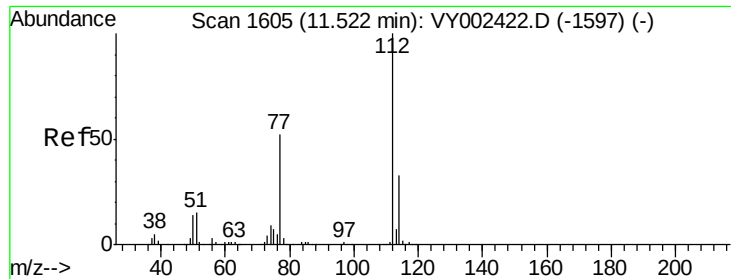
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#64
Tetrachloroethene
Concen: 48.901 ug/l
RT: 10.74 min Scan# 1476
Delta R.T. 0.01 min
Lab File: VY002452.D
Acq: 21 Apr 2020 22:21

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	198178		
166	126.4		102.4	153.6
129	86.8		70.1	105.1
131	81.1		68.6	102.8





#65

Chlorobenzene

Concen: 48.970 ug/l

RT: 11.53 min Scan# 1606

Delta R.T. 0.01 min

Lab File: VY002452.D

Acq: 21 Apr 2020 22:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 356851

Ion Ratio Lower Upper

112 100

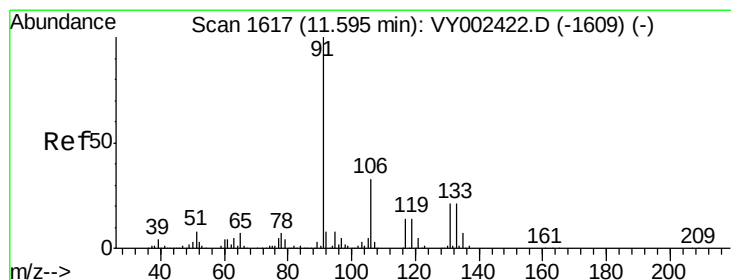
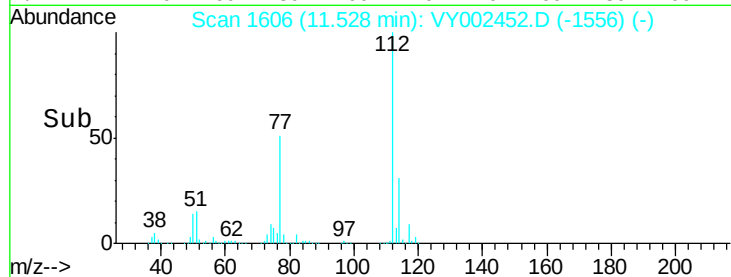
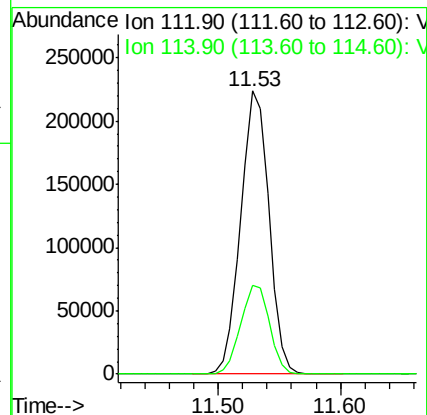
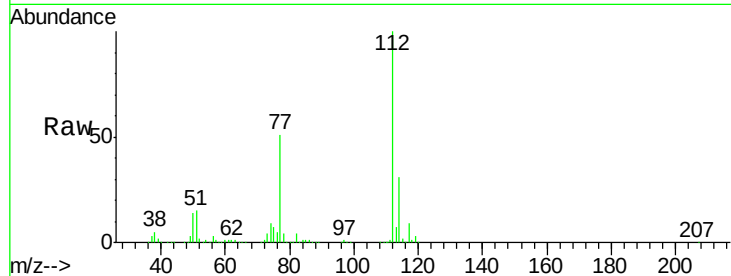
114 31.4 26.5 39.7

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#66

1,1,1,2-Tetrachloroethane

Concen: 49.680 ug/l

RT: 11.60 min Scan# 1618

Delta R.T. 0.01 min

Lab File: VY002452.D

Acq: 21 Apr 2020 22:21

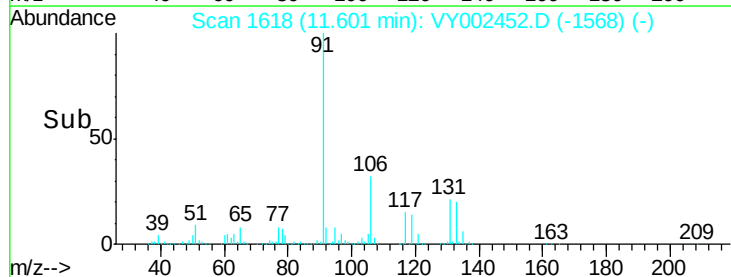
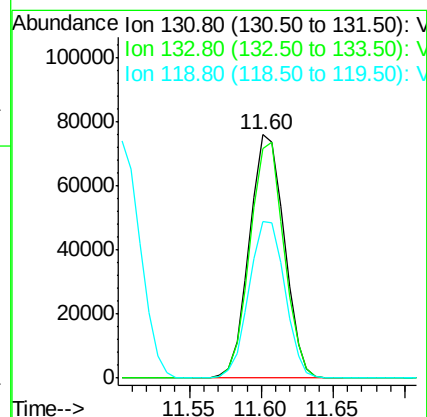
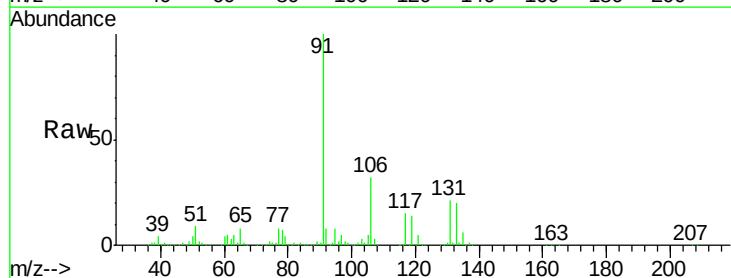
Tgt Ion:131 Resp: 127721

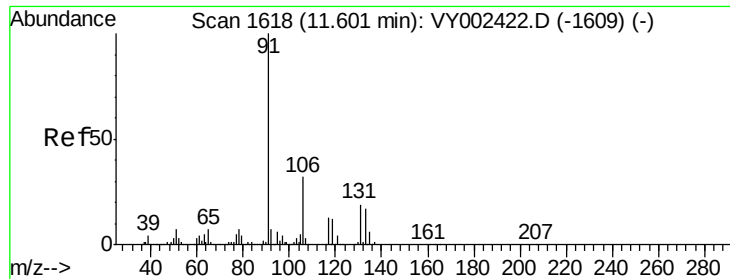
Ion Ratio Lower Upper

131 100

133 94.1 47.9 143.8

119 66.0 33.5 100.4





#67

Ethyl Benzene

Concen: 48.034 ug/l

RT: 11.61 min Scan# 1619

Delta R.T. 0.01 min

Lab File: VY002452.D

Acq: 21 Apr 2020 22:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 605401

Ion Ratio Lower Upper

91 100

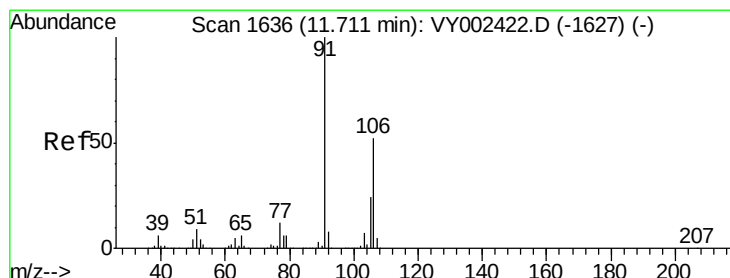
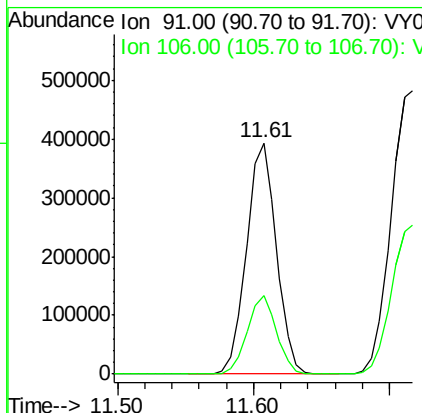
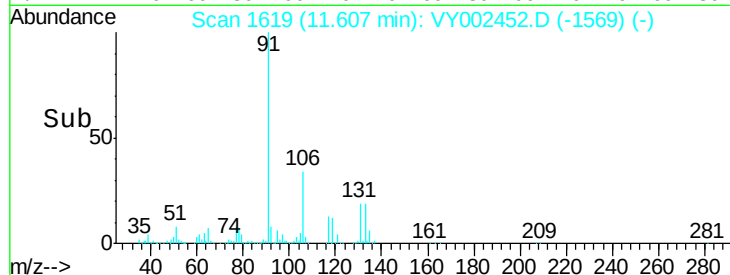
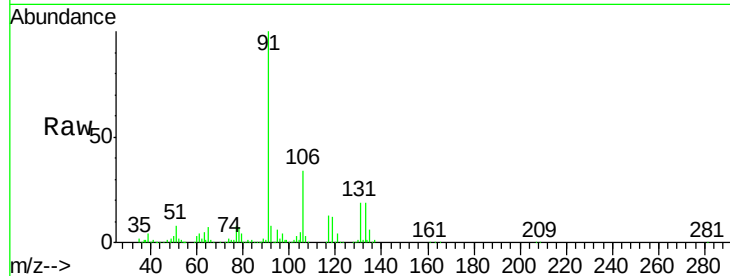
106 33.8 25.8 38.8

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#68

m/p-Xylenes

Concen: 97.002 ug/l

RT: 11.72 min Scan# 1637

Delta R.T. 0.01 min

Lab File: VY002452.D

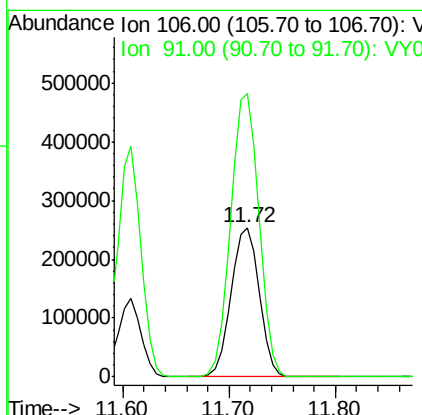
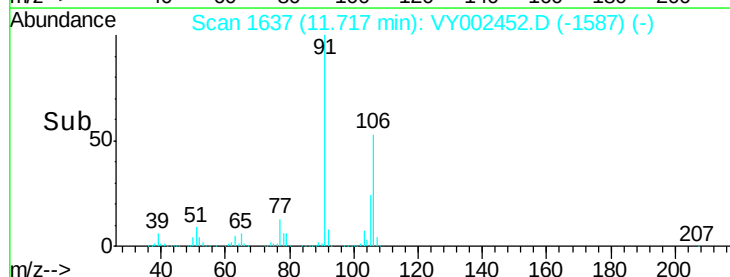
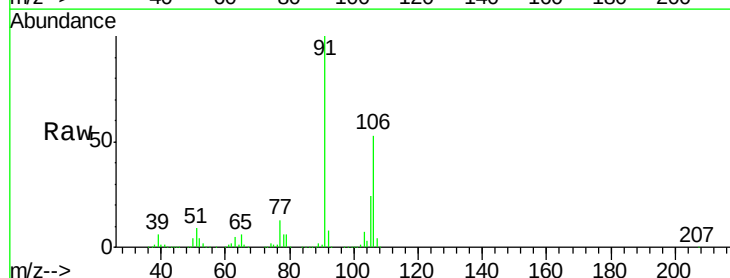
Acq: 21 Apr 2020 22:21

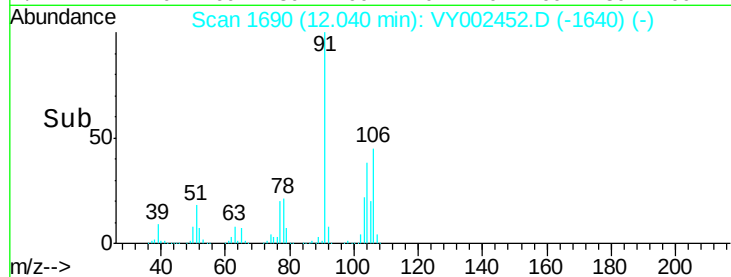
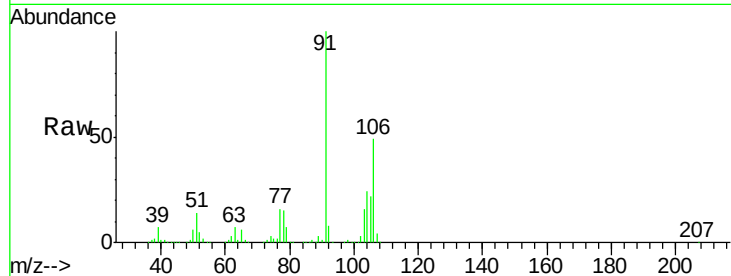
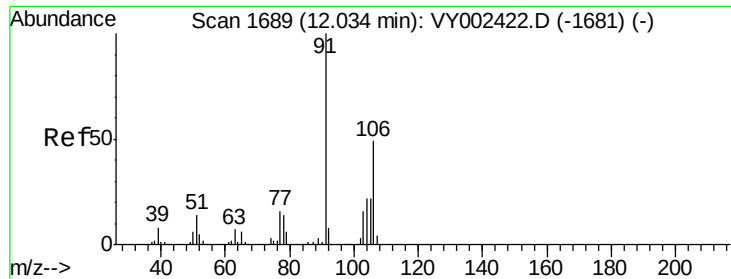
Tgt Ion: 106 Resp: 472465

Ion Ratio Lower Upper

106 100

91 190.1 153.6 230.4





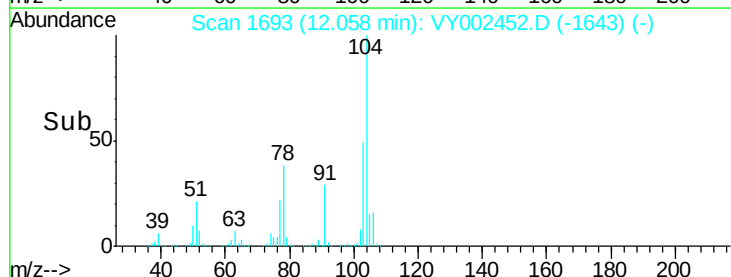
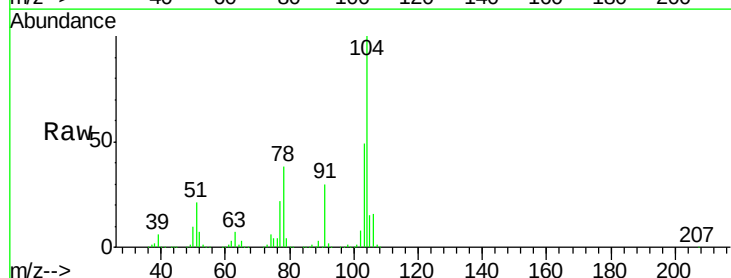
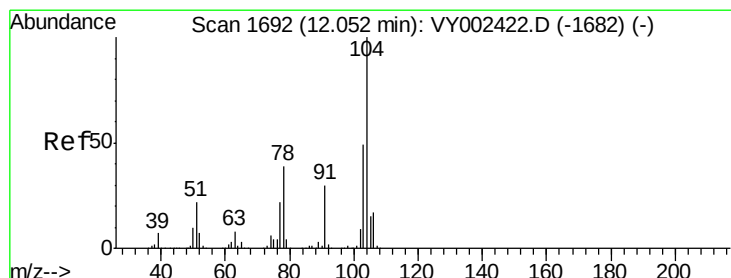
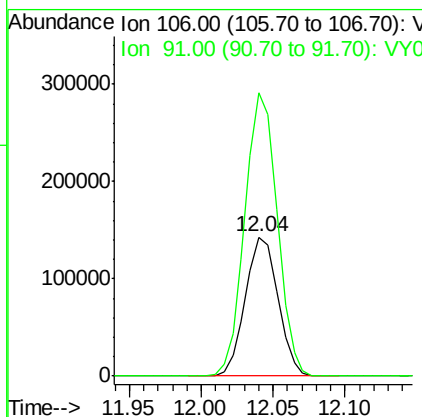
#69
o-Xylene
Concen: 49.043 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VY002452.D
Acq: 21 Apr 2020 22:21

Tot Ion:106 Resp: 225050
Ion Ratio Lower Upper
106 100
91 202.2 100.4 301.2

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

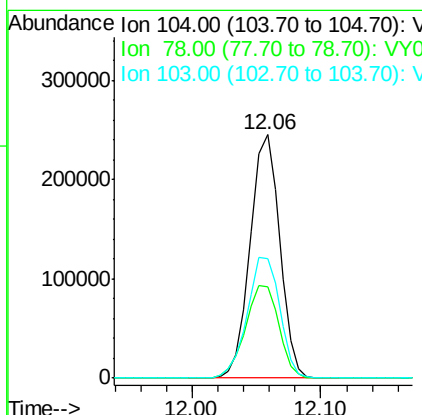
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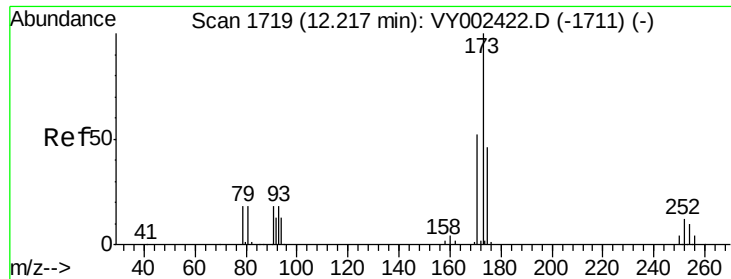
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#70
Styrene
Concen: 49.361 ug/l
RT: 12.06 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VY002452.D
Acq: 21 Apr 2020 22:21

Tgt Ion:104 Resp: 387761
Ion Ratio Lower Upper
104 100
78 43.3 34.5 51.7
103 55.0 43.4 65.2





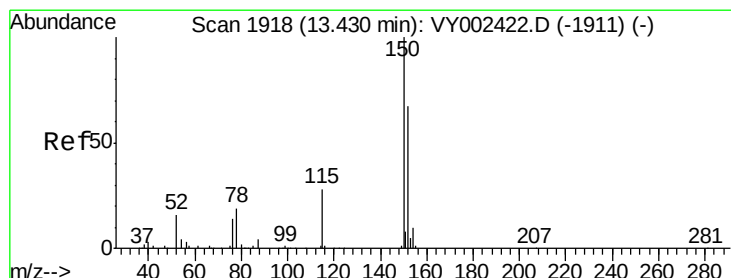
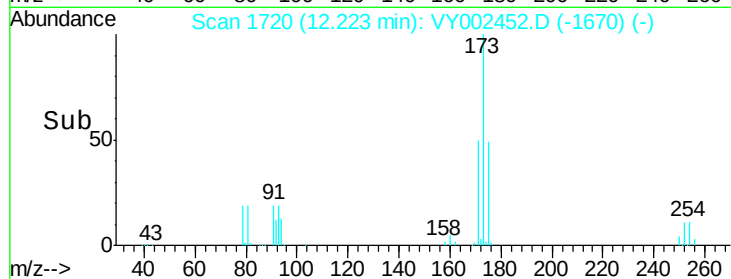
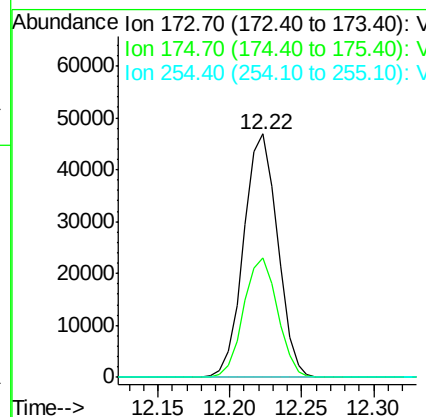
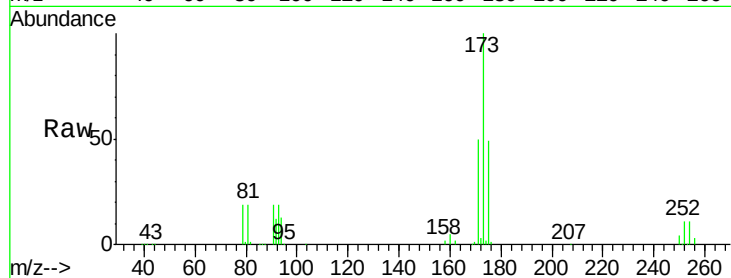
#71
Bromoform
Concen: 48.652 ug/l
RT: 12.22 min Scan# 1720
Delta R.T. 0.01 min
Lab File: VY002452.D
Acq: 21 Apr 2020 22:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.2	23.9	71.7
254	0.0	0.1	0.1#

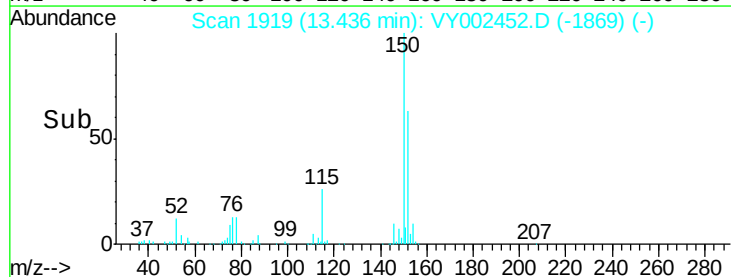
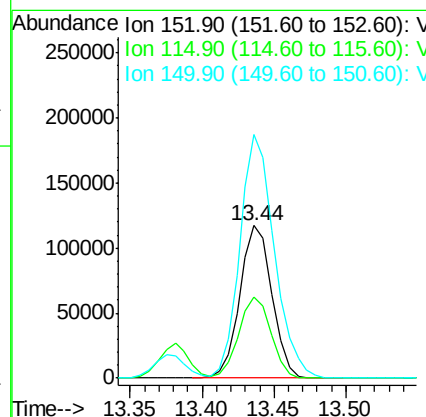
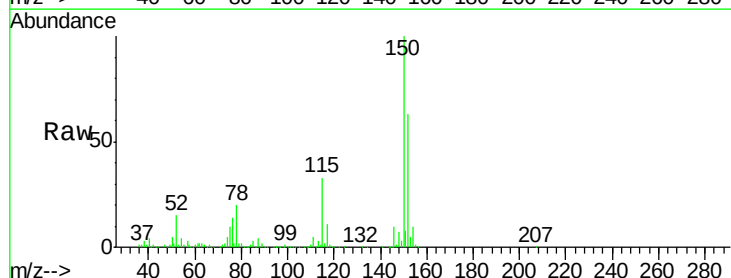
Manual Integrations
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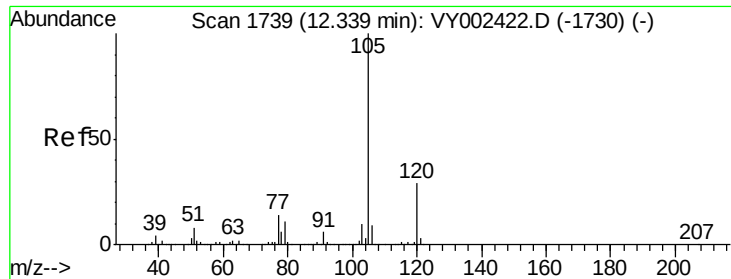
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY002452.D
Acq: 21 Apr 2020 22:21

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.5	27.3	81.8
150	171.6	0.0	344.0





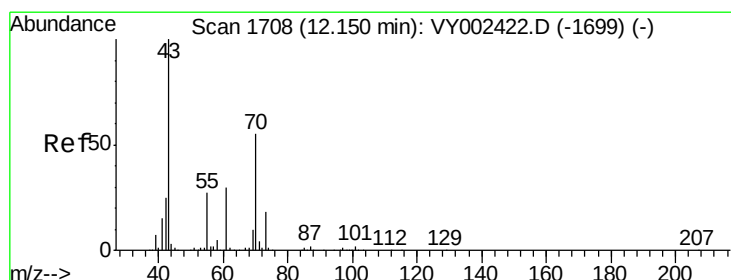
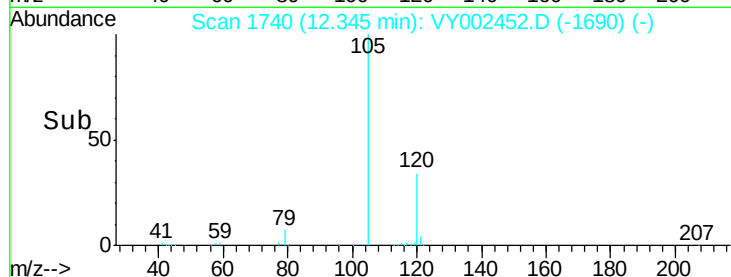
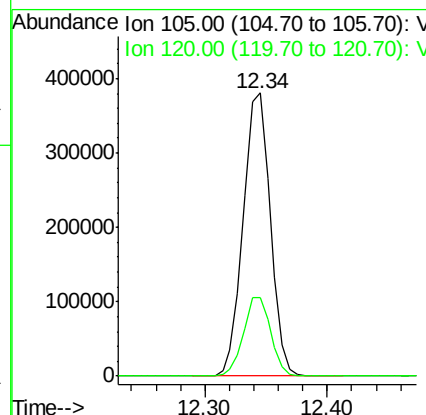
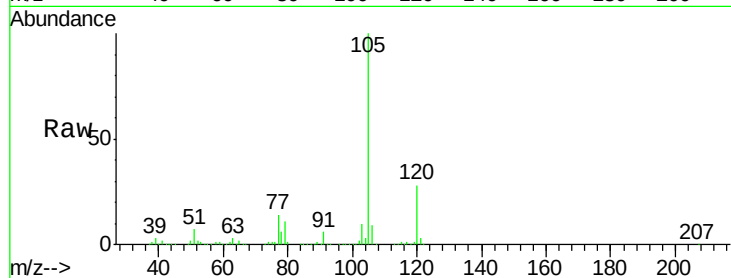
#73
Isopropylbenzene
Concen: 49.300 ug/l
RT: 12.34 min Scan# 1740
Delta R.T. 0.01 min
Lab File: VY002452.D
Acq: 21 Apr 2020 22:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.9	13.9	41.7

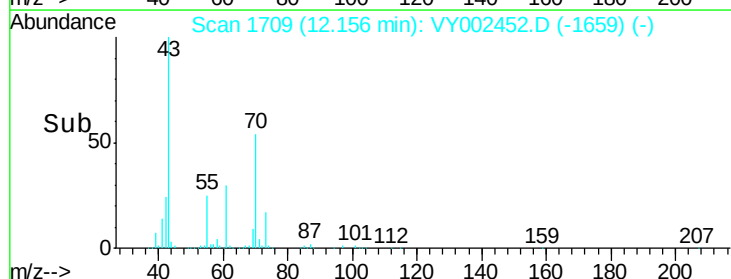
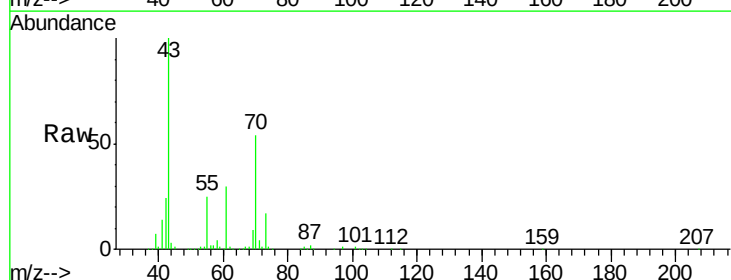
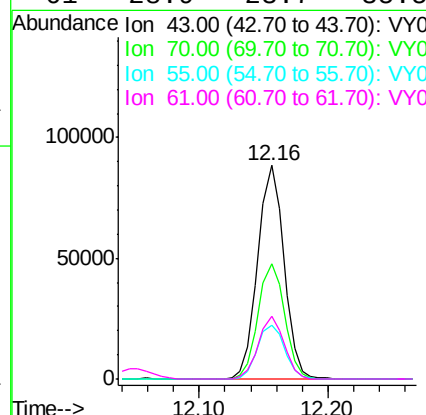
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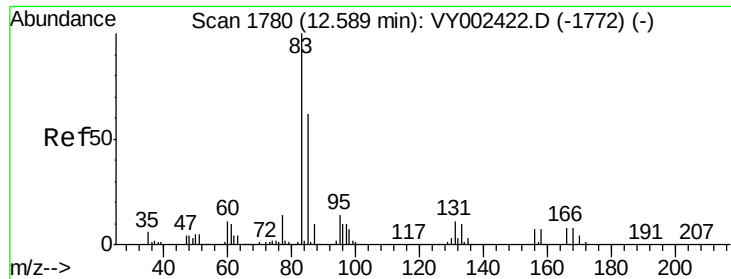
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#74
N-ethyl acetate
Concen: 47.904 ug/l
RT: 12.16 min Scan# 1709
Delta R.T. 0.01 min
Lab File: VY002452.D
Acq: 21 Apr 2020 22:21

Tgt Ion	Ratio	Lower	Upper
43	100		
70	54.6	42.6	63.8
55	26.6	21.0	31.4
61	28.9	23.7	35.5





#75

1,1,2,2-Tetrachloroethane

Concen: 46.154 ug/l

RT: 12.59 min Scan# 1781

Delta R.T. 0.01 min

Lab File: VY002452.D

Acq: 21 Apr 2020 22:21

Instrument :

MSVOA_Y

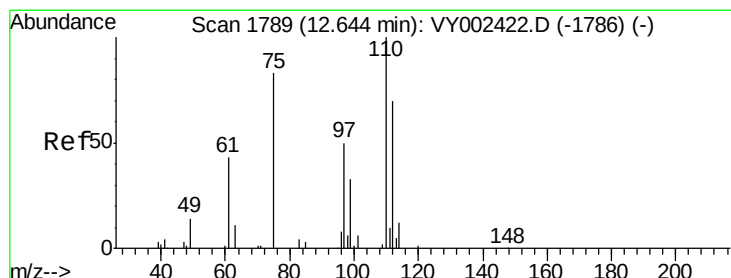
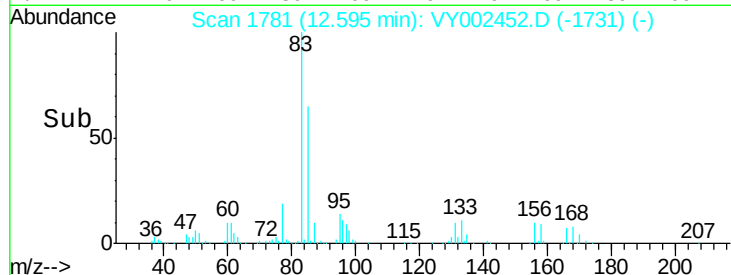
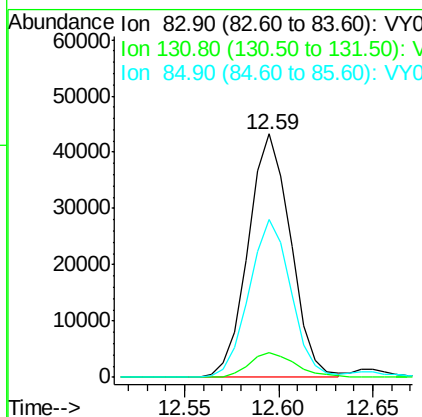
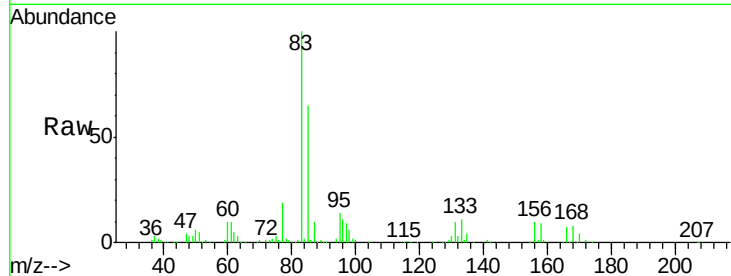
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	67481
Ion Ratio	Lower	Upper	
83	100		
131	11.2	5.9	17.6
85	64.2	32.6	98.0

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#76

1,2,3-Trichloropropane

Concen: 48.152 ug/l m

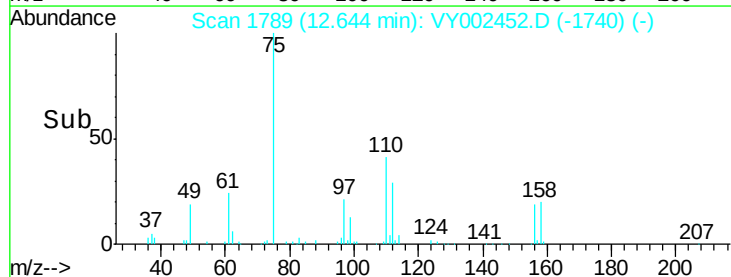
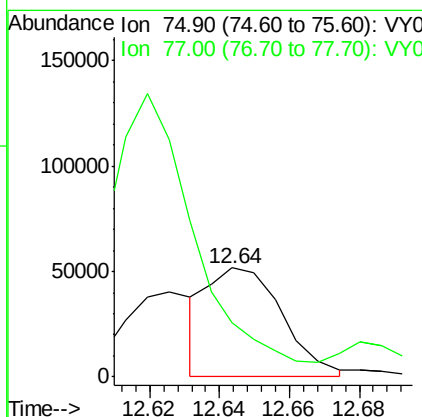
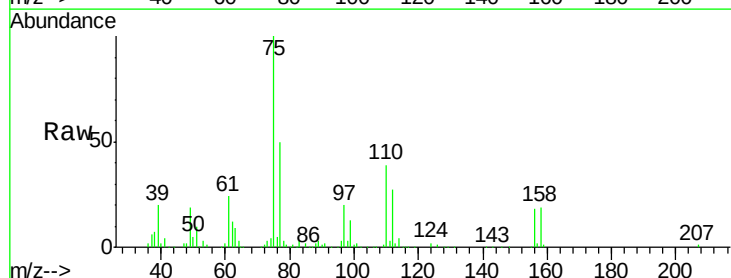
RT: 12.64 min Scan# 1789

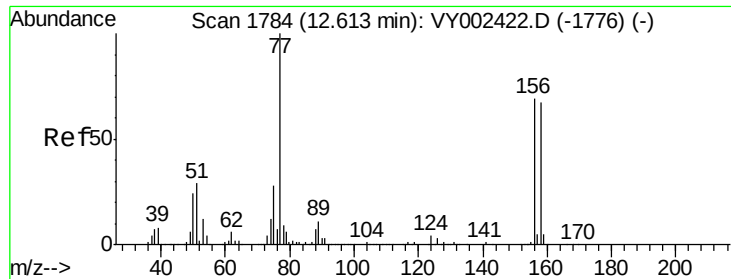
Delta R.T. -0.00 min

Lab File: VY002452.D

Acq: 21 Apr 2020 22:21

Tgt Ion:	75	Resp:	76763
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 50.693 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.01 min

Lab File: VY002452.D

Acq: 21 Apr 2020 22:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 151670

Ion Ratio Lower Upper

156 100

77 156.7 80.2 240.6

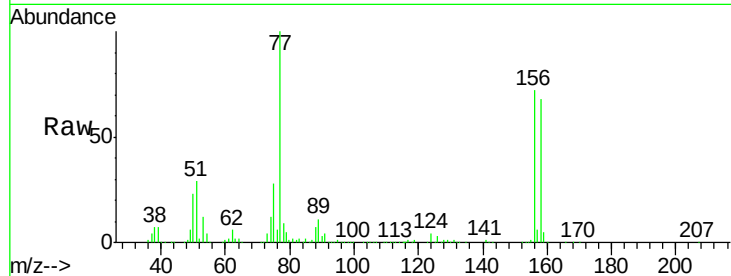
158 96.3 48.4 145.0

Manual Integrations

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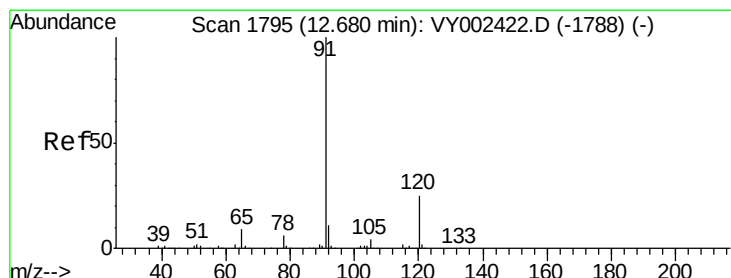
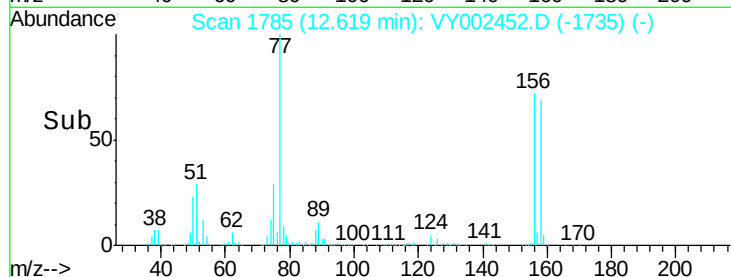
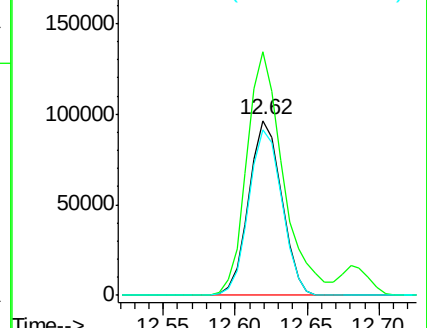
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.369 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VY002452.D

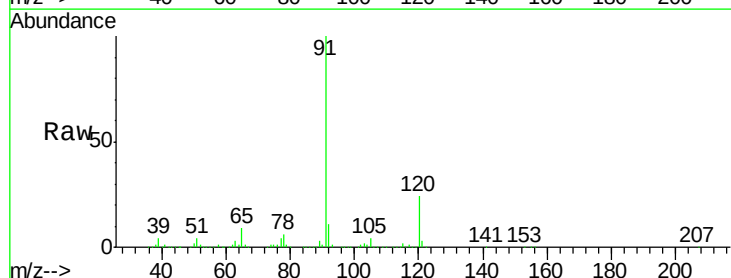
Acq: 21 Apr 2020 22:21

Tgt Ion: 91 Resp: 678530

Ion Ratio Lower Upper

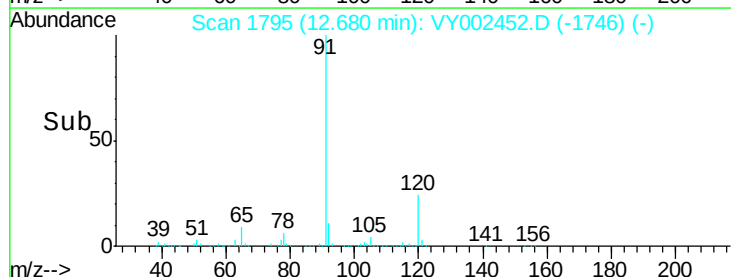
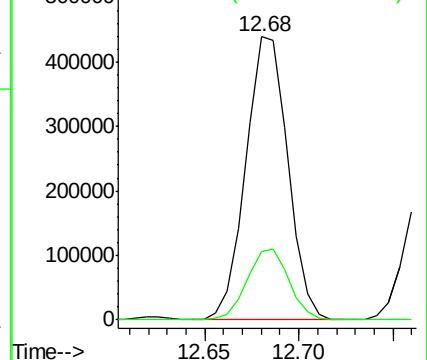
91 100

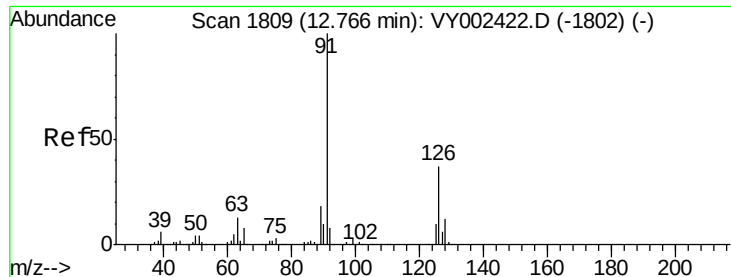
120 24.8 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





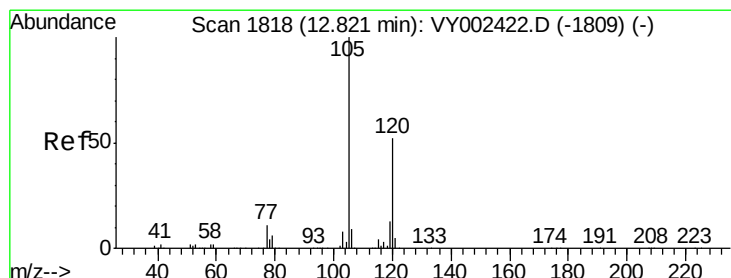
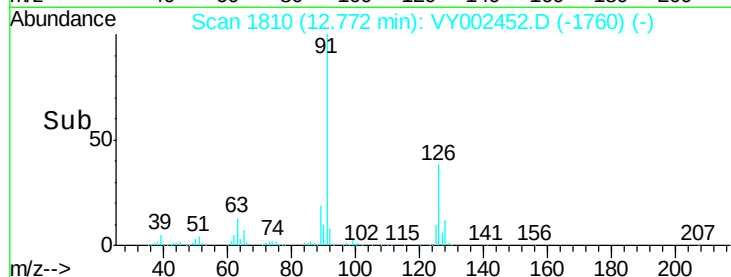
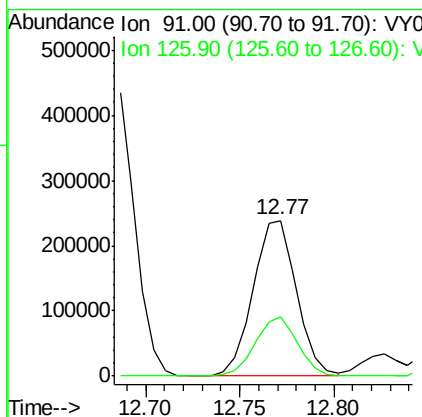
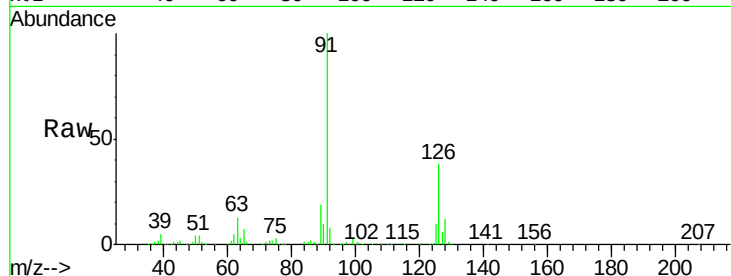
#79
2-Chlorotoluene
Concen: 49.570 ug/l
RT: 12.77 min Scan# 1810
Delta R.T. 0.01 min
Lab File: VY002452.D
Acq: 21 Apr 2020 22:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 379671
Ion Ratio Lower Upper
91 100
126 37.4 18.8 56.4

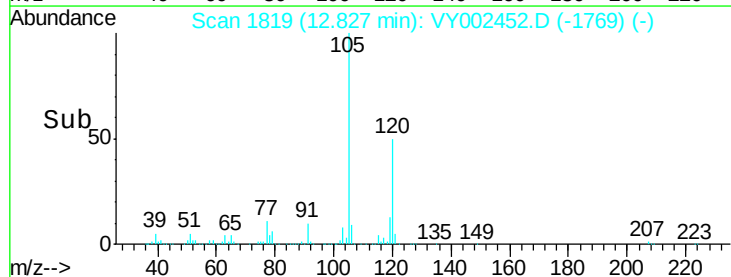
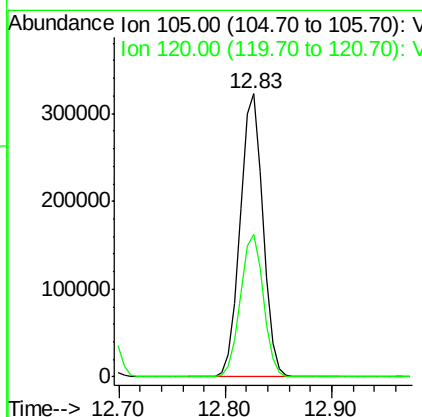
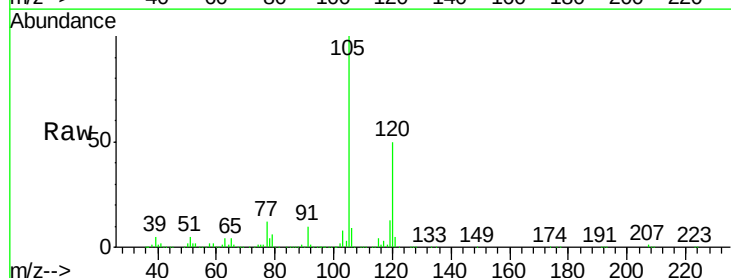
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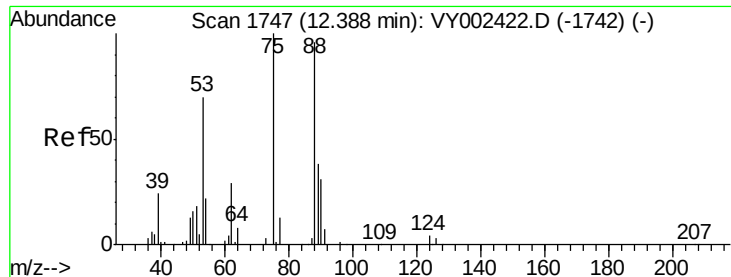
MMDadoda
4/22/2020 11:44:34 AM



#80
1,3,5-Trimethylbenzene
Concen: 49.516 ug/l
RT: 12.83 min Scan# 1819
Delta R.T. 0.01 min
Lab File: VY002452.D
Acq: 21 Apr 2020 22:21

Tgt Ion: 105 Resp: 484872
Ion Ratio Lower Upper
105 100
120 50.8 25.9 77.6





#81

trans-1,4-Dichloro-2-butene

Concen: 47.172 ug/l

RT: 12.39 min Scan# 1748

Delta R.T. 0.01 min

Lab File: VY002452.D

Acq: 21 Apr 2020 22:21

Instrument :

MSVOA_Y

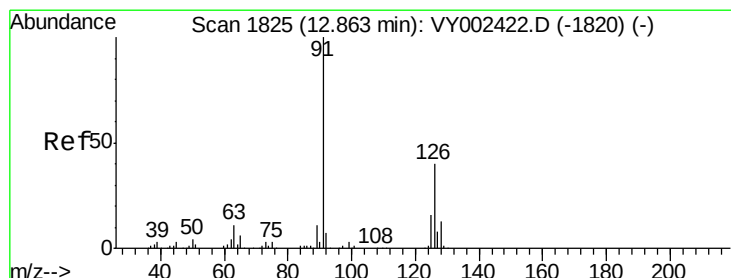
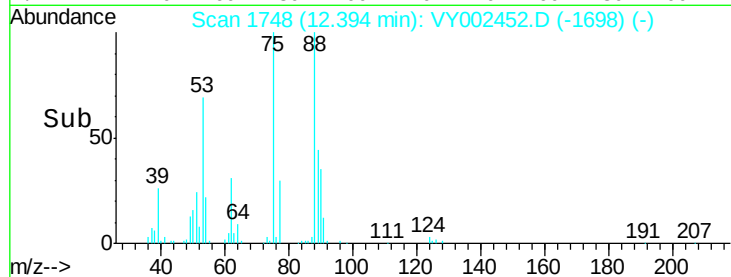
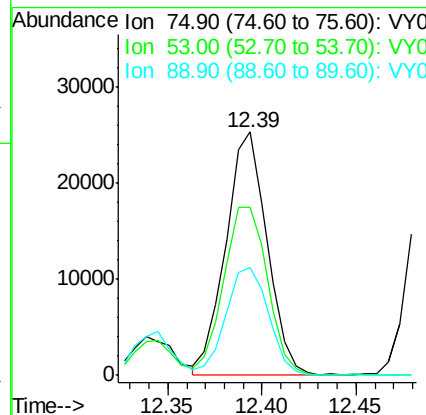
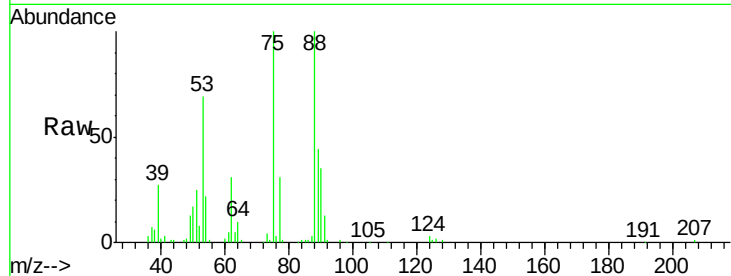
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	38586
Ion	Ratio	Lower	Upper
75	100		
53	73.2	58.7	88.1
89	45.8	37.9	56.9

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#82

4-Chlorotoluene

Concen: 48.315 ug/l

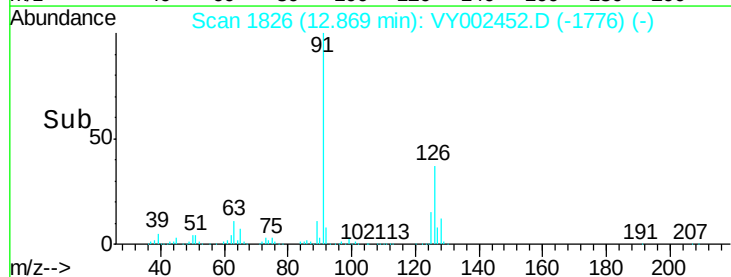
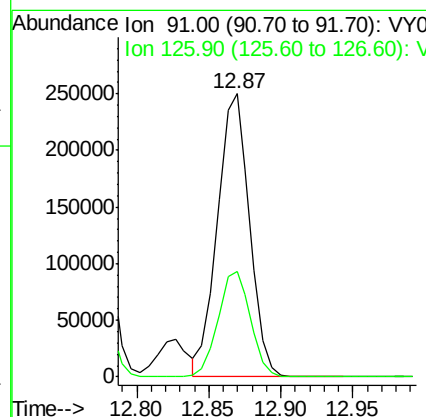
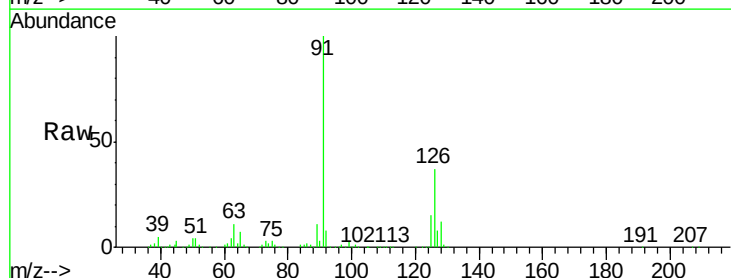
RT: 12.87 min Scan# 1826

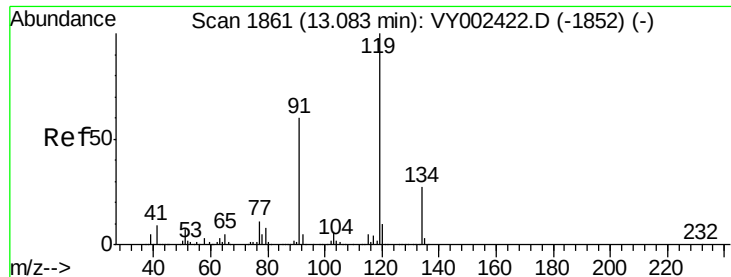
Delta R.T. 0.01 min

Lab File: VY002452.D

Acq: 21 Apr 2020 22:21

Tgt Ion:	91	Resp:	388950
Ion	Ratio	Lower	Upper
91	100		
126	37.8	0.0	0.0#





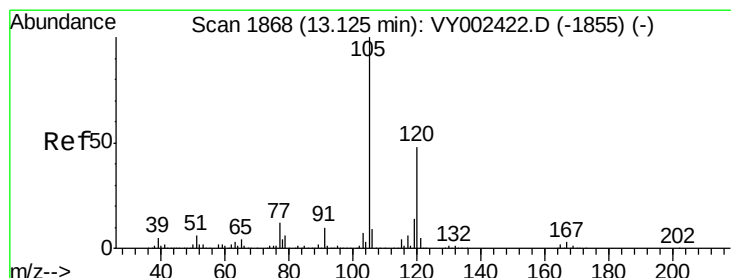
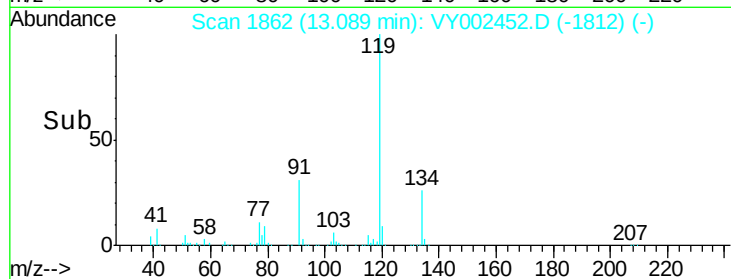
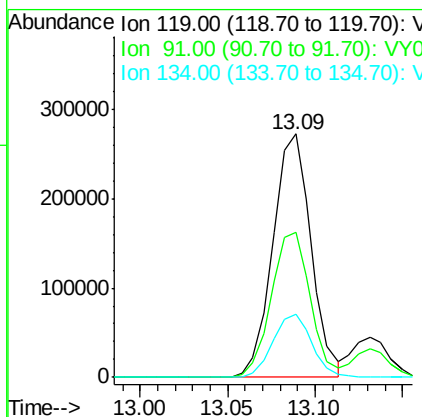
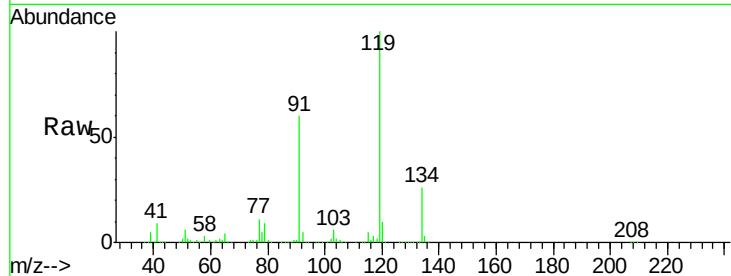
#83
 tert-Butylbenzene
 Concen: 48.884 ug/l
 RT: 13.09 min Scan# 1862
 Delta R.T. 0.01 min
 Lab File: VY002452.D
 Acq: 21 Apr 2020 22:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	61.0	30.2	90.6
134	26.6	13.3	39.9

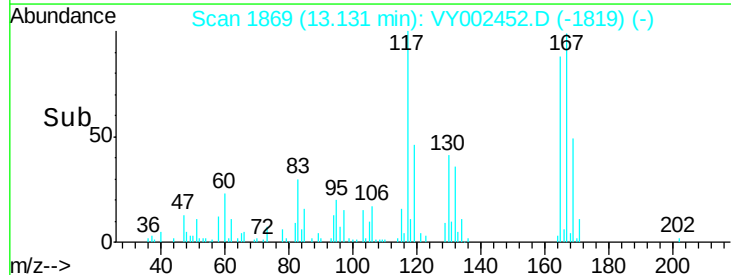
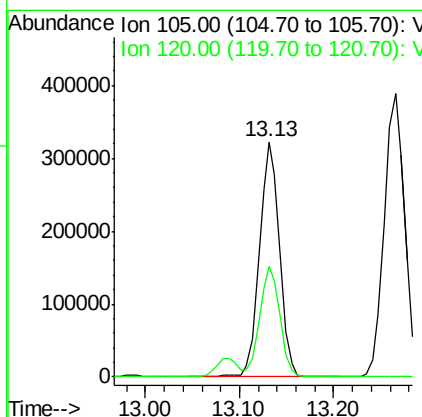
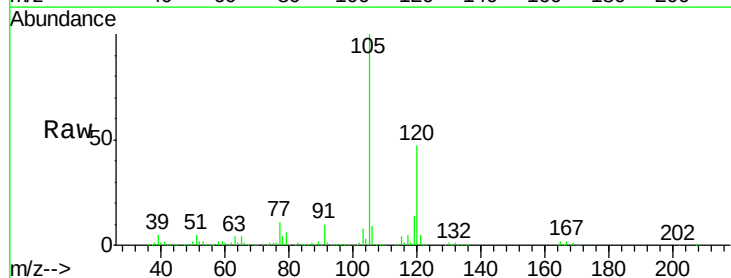
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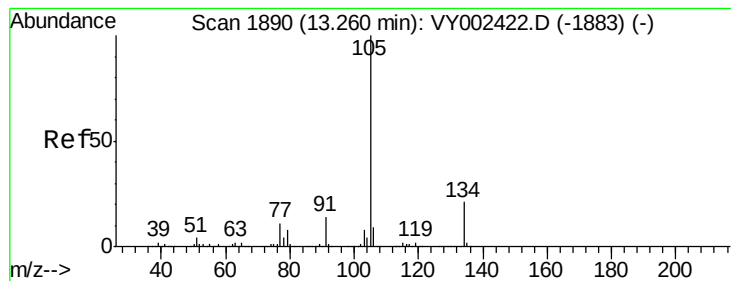
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#84
 1,2,4-Trimethylbenzene
 Concen: 49.171 ug/l
 RT: 13.13 min Scan# 1869
 Delta R.T. 0.01 min
 Lab File: VY002452.D
 Acq: 21 Apr 2020 22:21

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.9	23.9	71.7





#85

sec-Butylbenzene

Concen: 48.270 ug/l

RT: 13.27 min Scan# 1891

Delta R.T. 0.01 min

Lab File: VY002452.D

Acq: 21 Apr 2020 22:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 583880

Ion Ratio Lower Upper

105 100

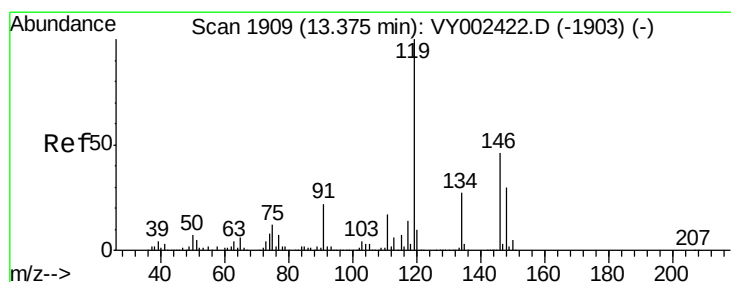
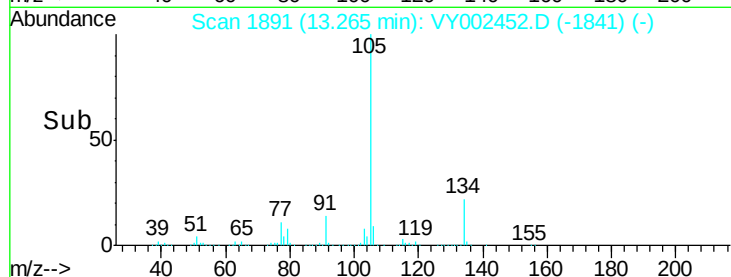
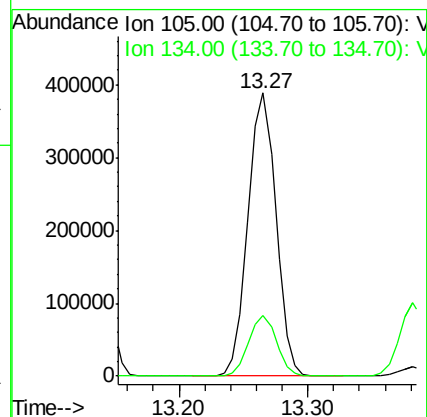
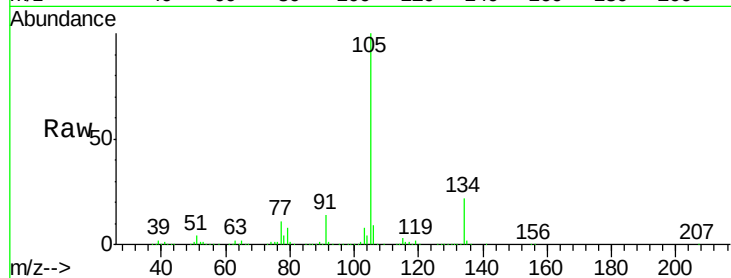
134 21.4 10.5 31.6

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#86

p-Isopropyltoluene

Concen: 48.316 ug/l

RT: 13.38 min Scan# 1910

Delta R.T. 0.01 min

Lab File: VY002452.D

Acq: 21 Apr 2020 22:21

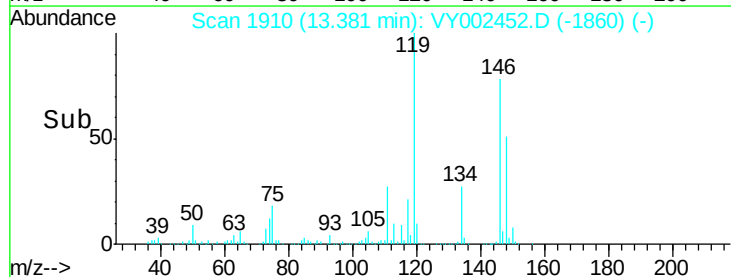
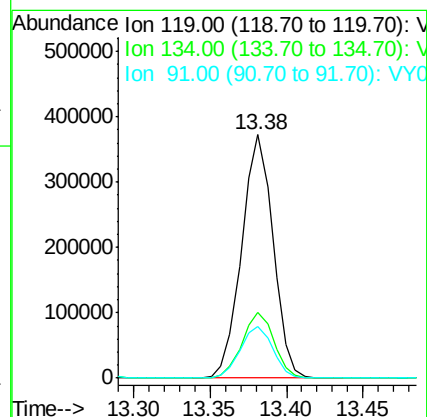
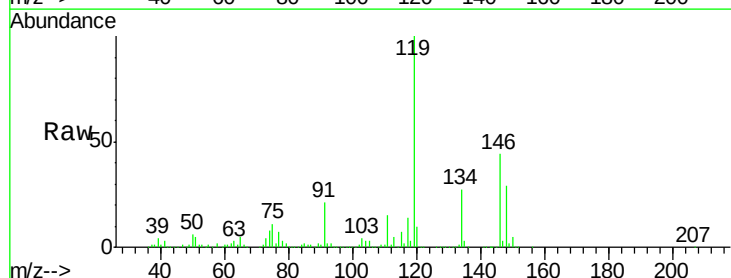
Tgt Ion:119 Resp: 530071

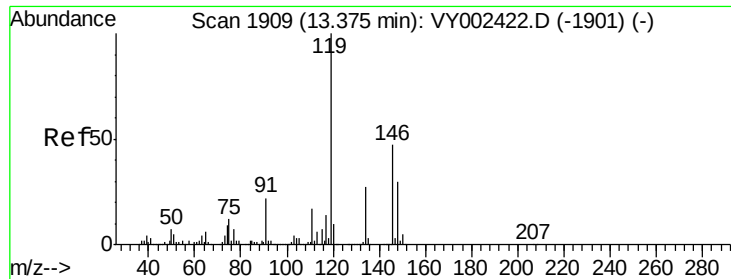
Ion Ratio Lower Upper

119 100

134 27.4 13.7 41.1

91 21.8 10.7 32.1





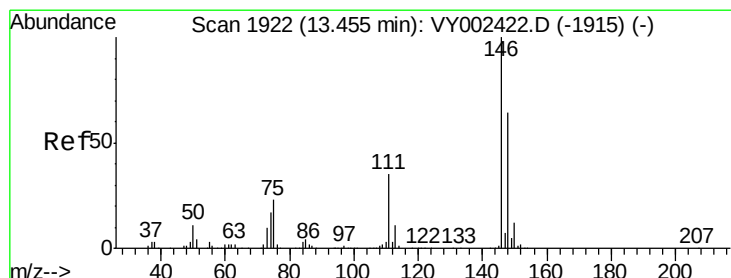
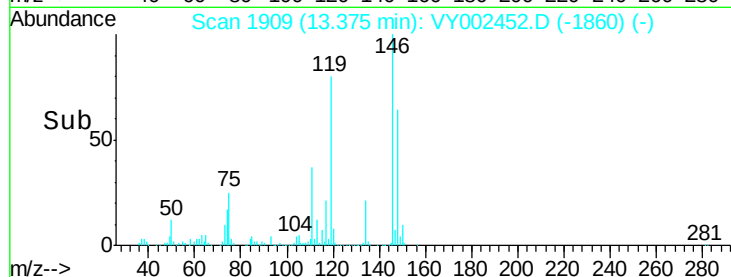
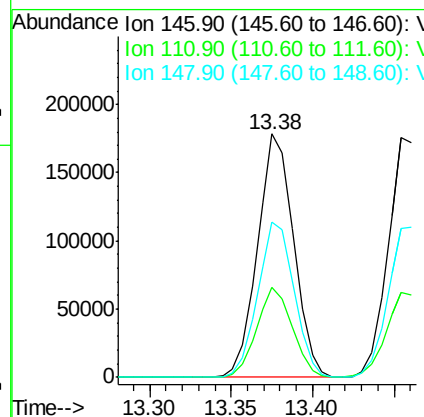
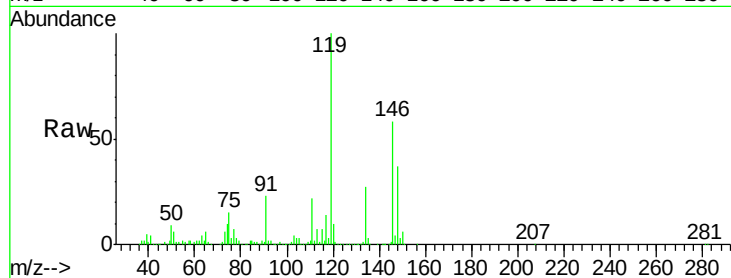
#87
 1,3-Dichlorobenzene
 Concen: 49.149 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. -0.00 min
 Lab File: VY002452.D
 Acq: 21 Apr 2020 22:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.6	18.6	55.8
148	64.3	31.8	95.3

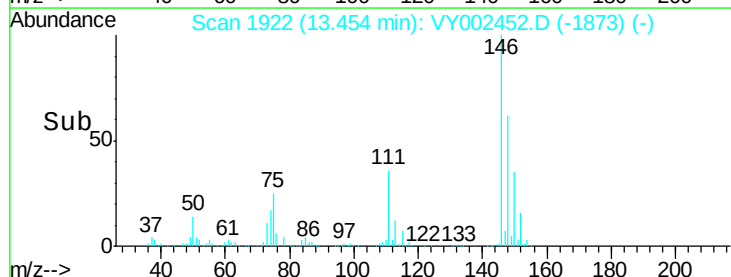
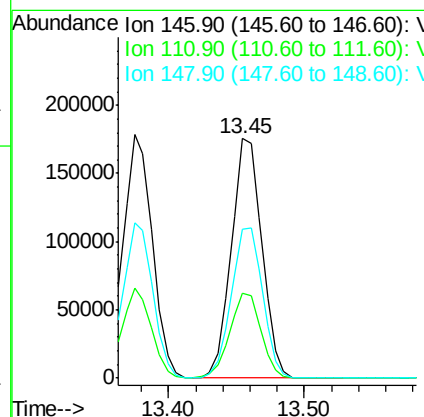
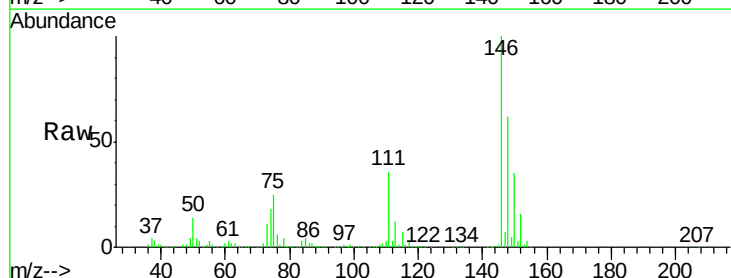
Manual Integrations
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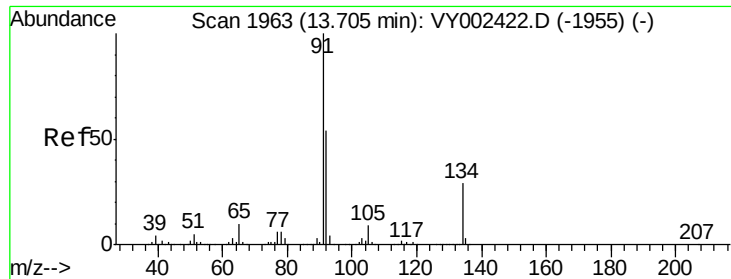
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#88
 1,4-Dichlorobenzene
 Concen: 48.666 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VY002452.D
 Acq: 21 Apr 2020 22:21

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.2	17.9	53.8
148	64.5	32.1	96.3





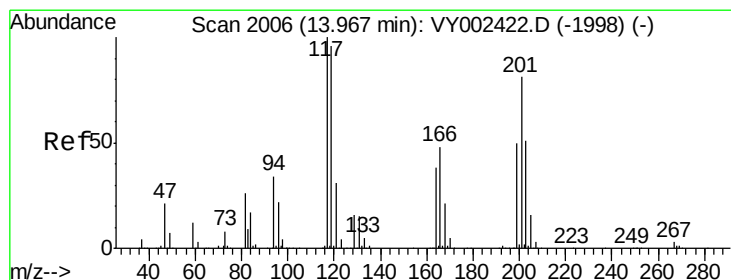
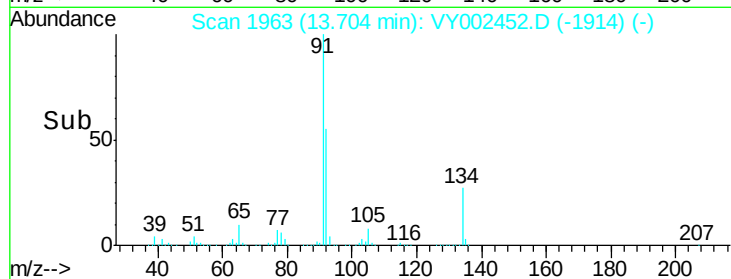
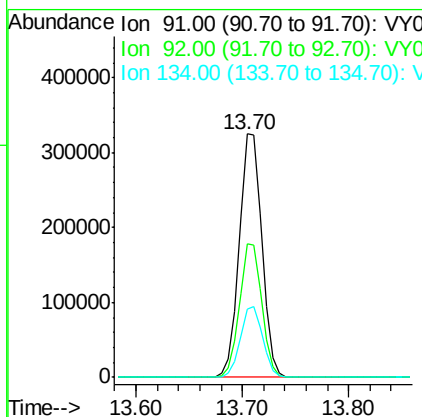
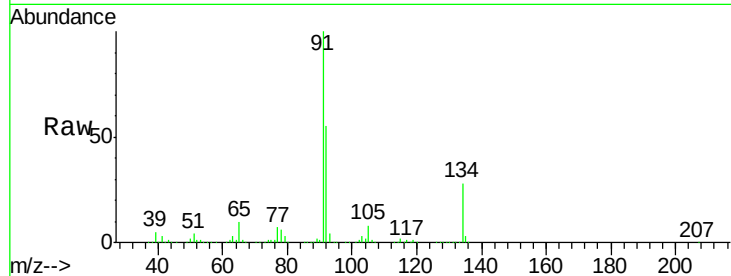
#89
n-Butylbenzene
Concen: 47.524 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VY002452.D
Acq: 21 Apr 2020 22:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
91	100	486099		
92	54.1		26.8	80.4
134	28.6		14.4	43.2

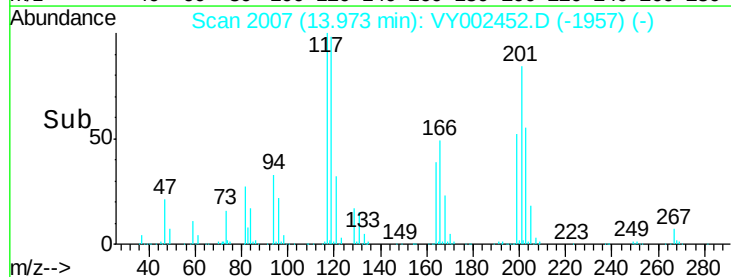
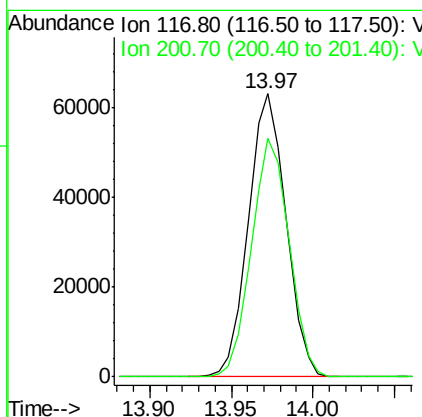
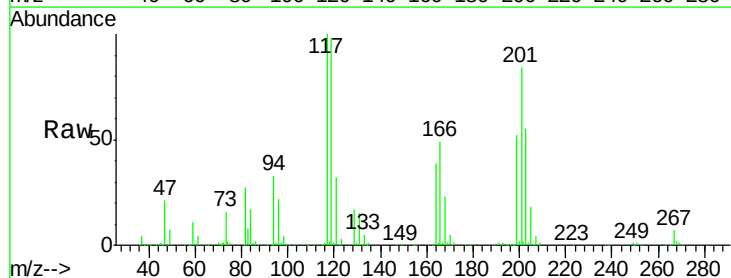
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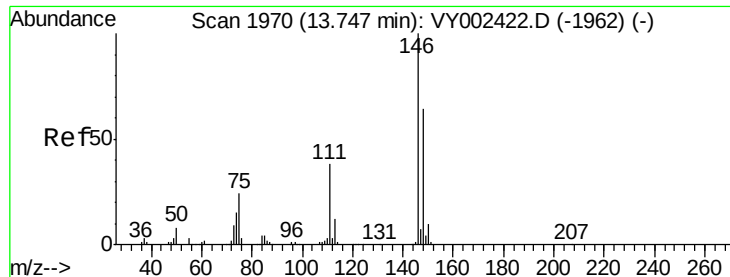
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#90
Hexachloroethane
Concen: 49.148 ug/l
RT: 13.97 min Scan# 2007
Delta R.T. 0.01 min
Lab File: VY002452.D
Acq: 21 Apr 2020 22:21

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	101090		
201	84.0		42.5	127.5





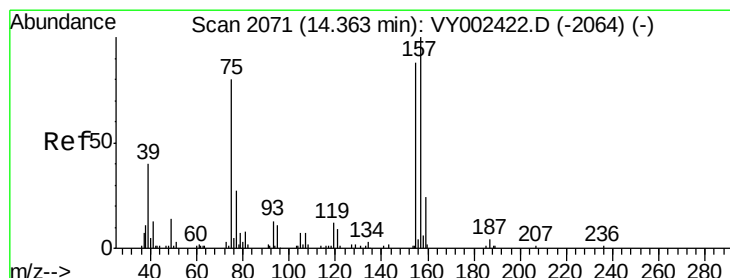
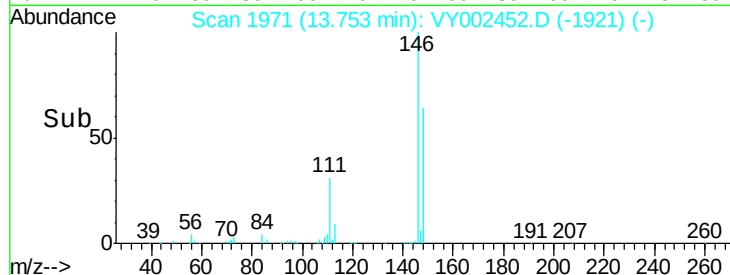
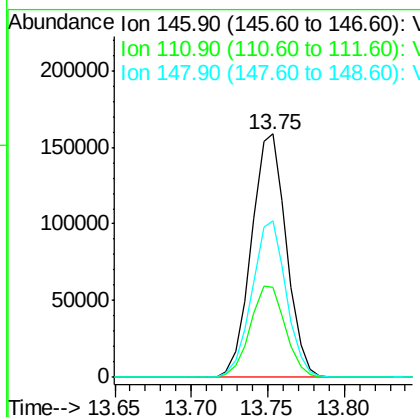
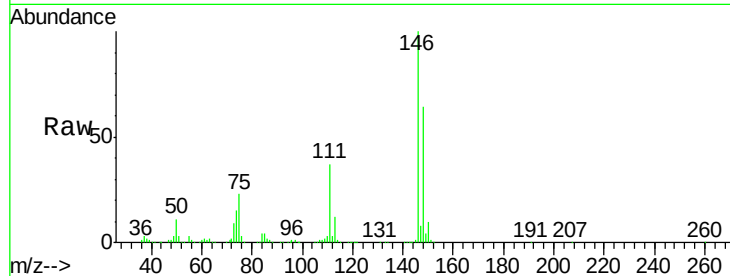
#91
 1,2-Dichlorobenzene
 Concen: 49.411 ug/l
 RT: 13.75 min Scan# 1971
 Delta R.T. 0.01 min
 Lab File: VY002452.D
 Acq: 21 Apr 2020 22:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.9	56.5
148	63.2	31.9	95.5

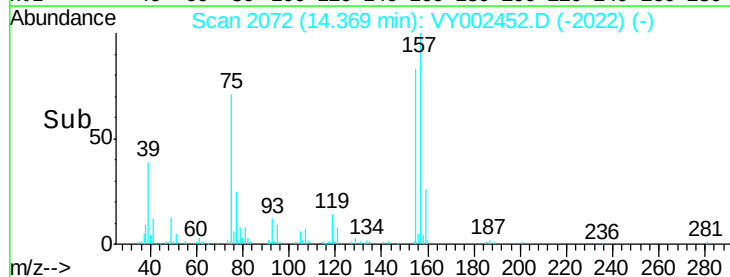
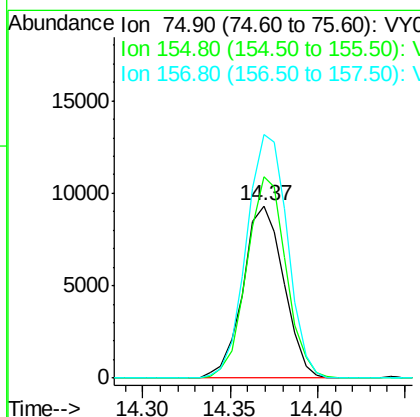
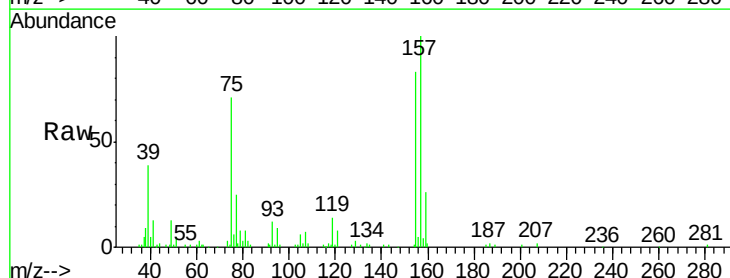
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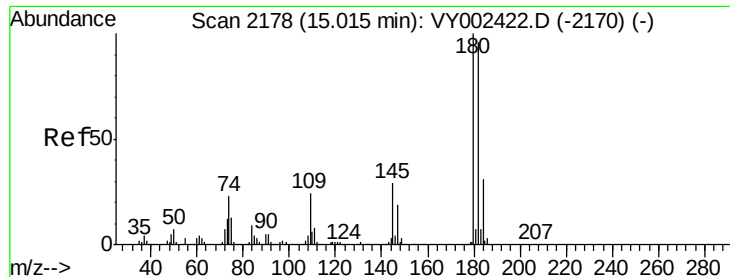
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.475 ug/l
 RT: 14.37 min Scan# 2072
 Delta R.T. 0.01 min
 Lab File: VY002452.D
 Acq: 21 Apr 2020 22:21

Tgt Ion	Ratio	Lower	Upper
75	100		
155	112.8	56.1	168.3
157	142.4	71.5	214.5





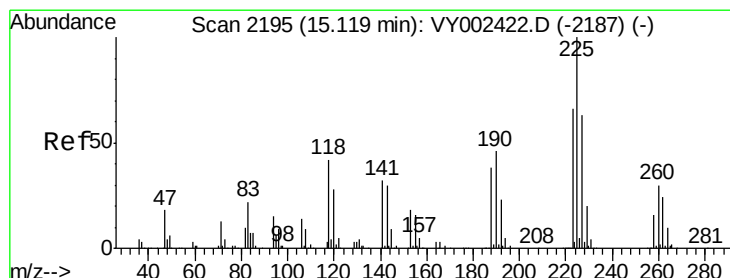
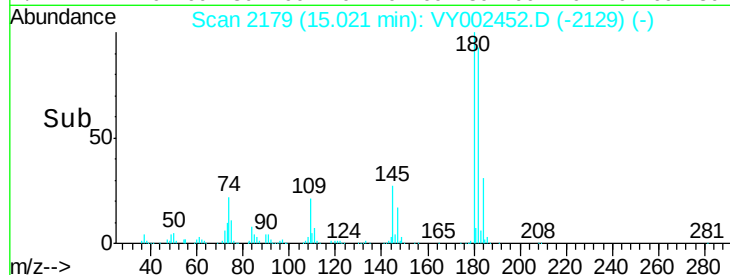
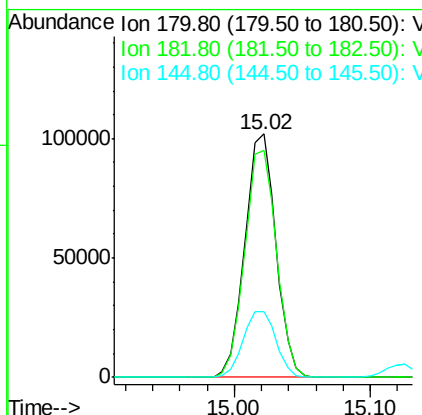
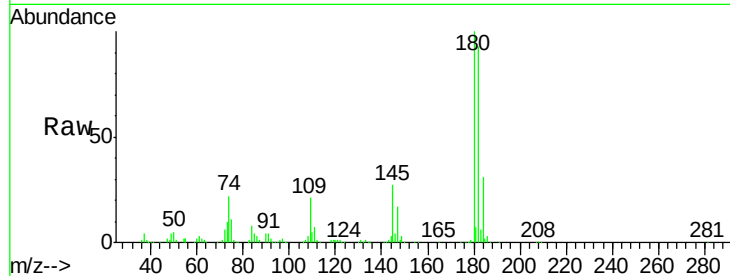
#93
 1,2,4-Trichlorobenzene
 Concen: 44.679 ug/l
 RT: 15.02 min Scan# 2179
 Delta R.T. 0.01 min
 Lab File: VY002452.D
 Acq: 21 Apr 2020 22:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	163046		
182	95.6	47.8	143.3	
145	28.7	14.5	43.6	

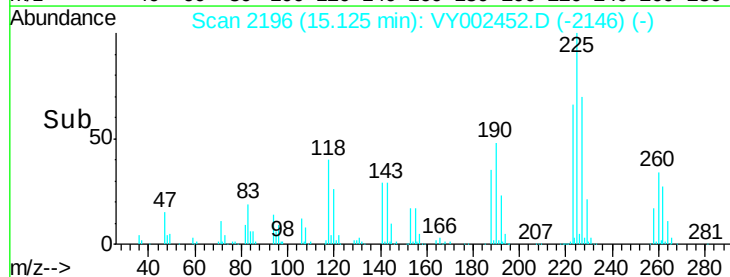
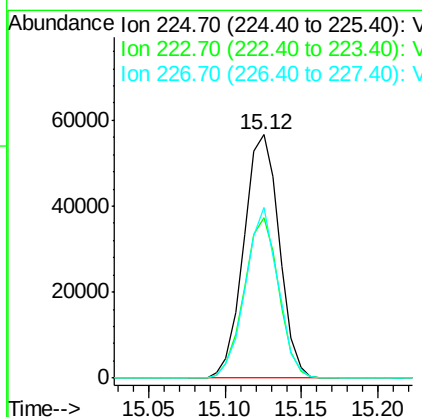
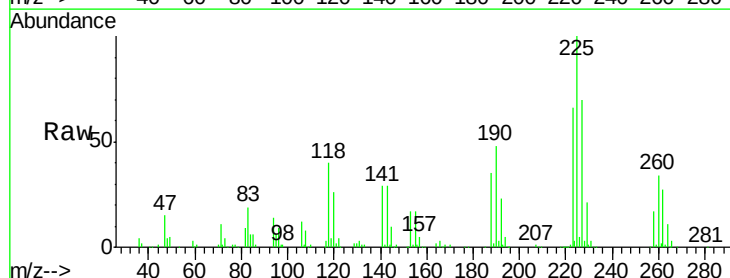
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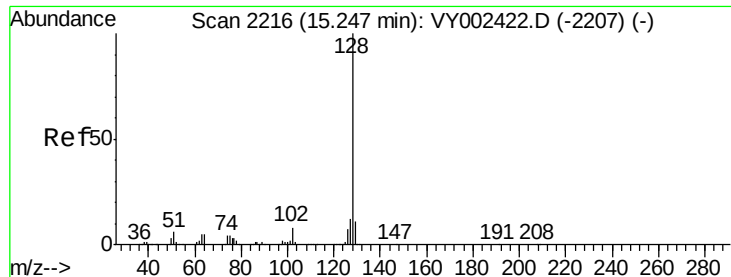
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#94
 Hexachlorobutadiene
 Concen: 45.576 ug/l
 RT: 15.12 min Scan# 2196
 Delta R.T. 0.01 min
 Lab File: VY002452.D
 Acq: 21 Apr 2020 22:21

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	91207		
223	64.3	32.0	96.0	
227	64.6	31.6	95.0	





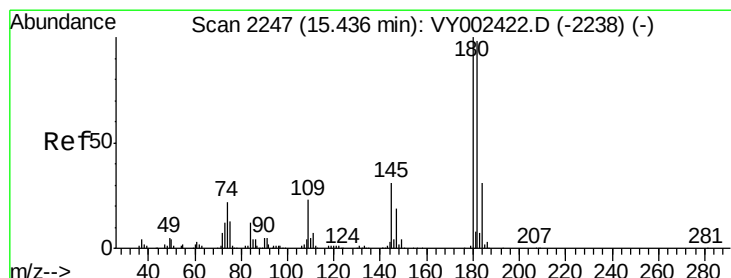
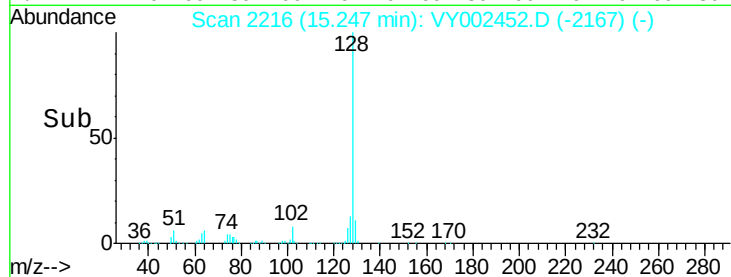
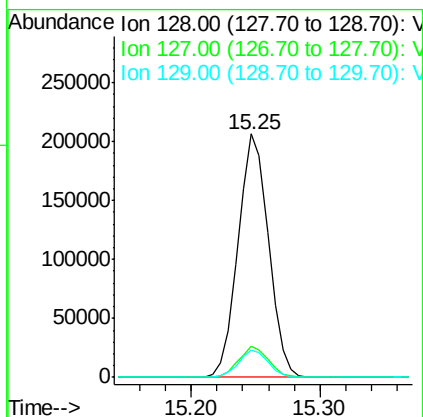
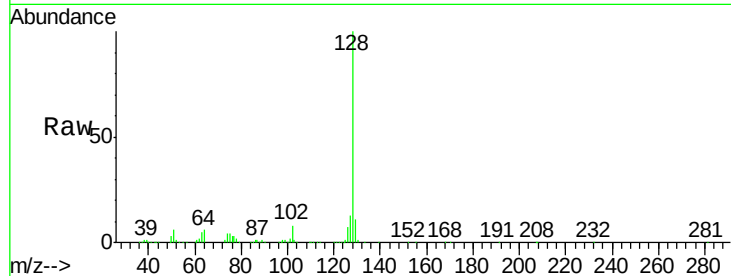
#95
Naphthalene
Concen: 47.677 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. -0.00 min
Lab File: VY002452.D
Acq: 21 Apr 2020 22:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.2
129	10.9	9.0	13.6

Manual Integrations
APPROVED

MMDadoda
4/22/2020 11:44:34 AM



#96
1,2,3-Trichlorobenzene
Concen: 46.193 ug/l
RT: 15.44 min Scan# 2247
Delta R.T. -0.00 min
Lab File: VY002452.D
Acq: 21 Apr 2020 22:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.2	141.6
145	30.5	14.8	44.4

