

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040220\
 Data File : VY002207.D
 Acq On : 02 Apr 2020 20:49
 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
 4/6/2020 11:28:18 AM

Quant Time: Apr 03 07:29:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 07:11:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	136775	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	261509	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	236451	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	106906	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	78204	51.72	ug/l	0.00
Spiked Amount			Recovery	=	103.44%	
35) Dibromofluoromethane	7.74	113	73918	50.45	ug/l	0.00
Spiked Amount			Recovery	=	100.90%	
50) Toluene-d8	10.19	98	299817	49.25	ug/l	0.00
Spiked Amount			Recovery	=	98.50%	
62) 4-Bromofluorobenzene	12.49	95	106084	49.83	ug/l	0.00
Spiked Amount			Recovery	=	99.66%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	39331	43.812	ug/l	98
3) Chloromethane	2.13	50	67804	42.420	ug/l	100
4) Vinyl Chloride	2.26	62	71147	43.766	ug/l	100
5) Bromomethane	2.66	94	53047	50.002	ug/l	96
6) Chloroethane	2.81	64	49266	47.197	ug/l	99
7) Trichlorofluoromethane	3.15	101	100484	45.107	ug/l	100
8) Diethyl Ether	3.54	74	47188	50.011	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.92	101	66999	45.840	ug/l	99
10) Methyl Iodide	4.11	142	76900	44.248	ug/l	100
11) Tert butyl alcohol	4.97	59	45868	257.423	ug/l	98
12) 1,1-Dichloroethene	3.89	96	68884	46.414	ug/l	94
13) Acrolein	3.75	56	49125	220.589	ug/l	98
14) Allyl chloride	4.50	41	129026	47.490	ug/l	99
15) Acrylonitrile	5.19	53	132040	266.992	ug/l	100
16) Acetone	3.97	43	91706	215.882	ug/l	95
17) Carbon Disulfide	4.21	76	220385	44.746	ug/l	99
18) Methyl Acetate	4.50	43	56559	51.274	ug/l	99
19) Methyl tert-butyl Ether	5.24	73	213453	51.556	ug/l	99
20) Methylene Chloride	4.74	84	88430	50.312	ug/l	99
21) trans-1,2-Dichloroethene	5.24	96	81175	48.038	ug/l	97
22) Diisopropyl ether	6.14	45	279787	50.320	ug/l	98
23) Vinyl Acetate	6.08	43	939868	257.781	ug/l	97
24) 1,1-Dichloroethane	6.04	63	145824	49.327	ug/l	98
25) 2-Butanone	7.00	43	163204	250.206	ug/l	99
26) 2,2-Dichloropropane	7.00	77	110282	45.295	ug/l	98
27) cis-1,2-Dichloroethene	7.01	96	92636	49.830	ug/l	98
28) Bromochloromethane	7.35	49	73711	54.615	ug/l	100
29) Tetrahydrofuran	7.36	42	111398	260.484	ug/l	98
30) Chloroform	7.52	83	139722	49.862	ug/l	97
31) Cyclohexane	7.80	56	139295	44.219	ug/l	98
32) 1,1,1-Trichloroethane	7.72	97	113450	48.491	ug/l	99
36) 1,1-Dichloropropene	7.93	75	111905	45.241	ug/l	99
37) Ethyl Acetate	7.09	43	73096	48.902	ug/l	99
38) Carbon Tetrachloride	7.91	117	94605	45.081	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	146122	45.037	ug/l	99
40) Benzene	8.17	78	346268	47.260	ug/l	99
41) Methacrylonitrile	7.33	41	32881m	43.489	ug/l	
42) 1,2-Dichloroethane	8.25	62	93051	47.836	ug/l	99
43) Isopropyl Acetate	8.28	43	139457	50.267	ug/l	99
44) Trichloroethene	8.95	130	82692	46.820	ug/l	91
45) 1,2-Dichloropropane	9.23	63	91931	49.278	ug/l	98
46) Dibromomethane	9.31	93	47808	49.900	ug/l	99
47) Bromodichloromethane	9.51	83	110026	49.331	ug/l	96
48) Methyl methacrylate	9.30	41	61509	49.474	ug/l	96
49) 1,4-Dioxane	9.31	88	13103	996.636	ug/l	90
51) 4-Methyl-2-Pentanone	10.08	43	374341	262.042	ug/l	99
52) Toluene	10.25	92	210979	47.609	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	120589	48.712	ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	143163	49.119	ug/l	96
55) 1,1,2-Trichloroethane	10.65	97	69760	49.196	ug/l	99
56) Ethyl methacrylate	10.52	69	108741	52.504	ug/l	97
57) 1,3-Dichloropropane	10.80	76	124750	49.794	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	293335	275.635	ug/l	100
59) 2-Hexanone	10.84	43	251493	249.919	ug/l	98
60) Dibromochloromethane	10.99	129	74443	50.170	ug/l	99
61) 1,2-Dibromoethane	11.10	107	67763	51.056	ug/l	97
64) Tetrachloroethene	10.73	164	69723	48.196	ug/l	97
65) Chlorobenzene	11.52	112	220049	48.212	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	74334	48.680	ug/l	100
67) Ethyl Benzene	11.60	91	406395	47.941	ug/l	99
68) m/p-Xylenes	11.71	106	299360	95.512	ug/l	99
69) o-Xylene	12.03	106	142880	48.056	ug/l	100
70) Styrene	12.05	104	254277	49.355	ug/l	100
71) Bromoform	12.22	173	42643	50.988	ug/l #	97
73) Isopropylbenzene	12.34	105	382982	48.293	ug/l	100
74) N-amyl acetate	12.15	43	123949	49.556	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.59	83	87342	51.182	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	66471m	55.585	ug/l	
77) Bromobenzene	12.62	156	87900	51.923	ug/l	94
78) n-propylbenzene	12.68	91	465377	47.288	ug/l	100
79) 2-Chlorotoluene	12.77	91	258304	47.803	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	312133	47.706	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	31495	51.024	ug/l	100
82) 4-Chlorotoluene	12.86	91	270936	47.583	ug/l	99
83) tert-Butylbenzene	13.08	119	263982	48.336	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	314911	48.240	ug/l	100
85) sec-Butylbenzene	13.26	105	385551	47.663	ug/l	100
86) p-Isopropyltoluene	13.38	119	331464	47.716	ug/l	100
87) 1,3-Dichlorobenzene	13.38	146	158903	47.981	ug/l	98
88) 1,4-Dichlorobenzene	13.45	146	159049	47.725	ug/l	99
89) n-Butylbenzene	13.70	91	330729	45.695	ug/l	100
90) Hexachloroethane	13.97	117	64722	49.445	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	147365	48.184	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	13646	49.921	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	91270	46.300	ug/l	99
94) Hexachlorobutadiene	15.12	225	44041	45.260	ug/l	99
95) Naphthalene	15.25	128	233432	49.856	ug/l	98
96) 1,2,3-Trichlorobenzene	15.44	180	82488	46.144	ug/l	99

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

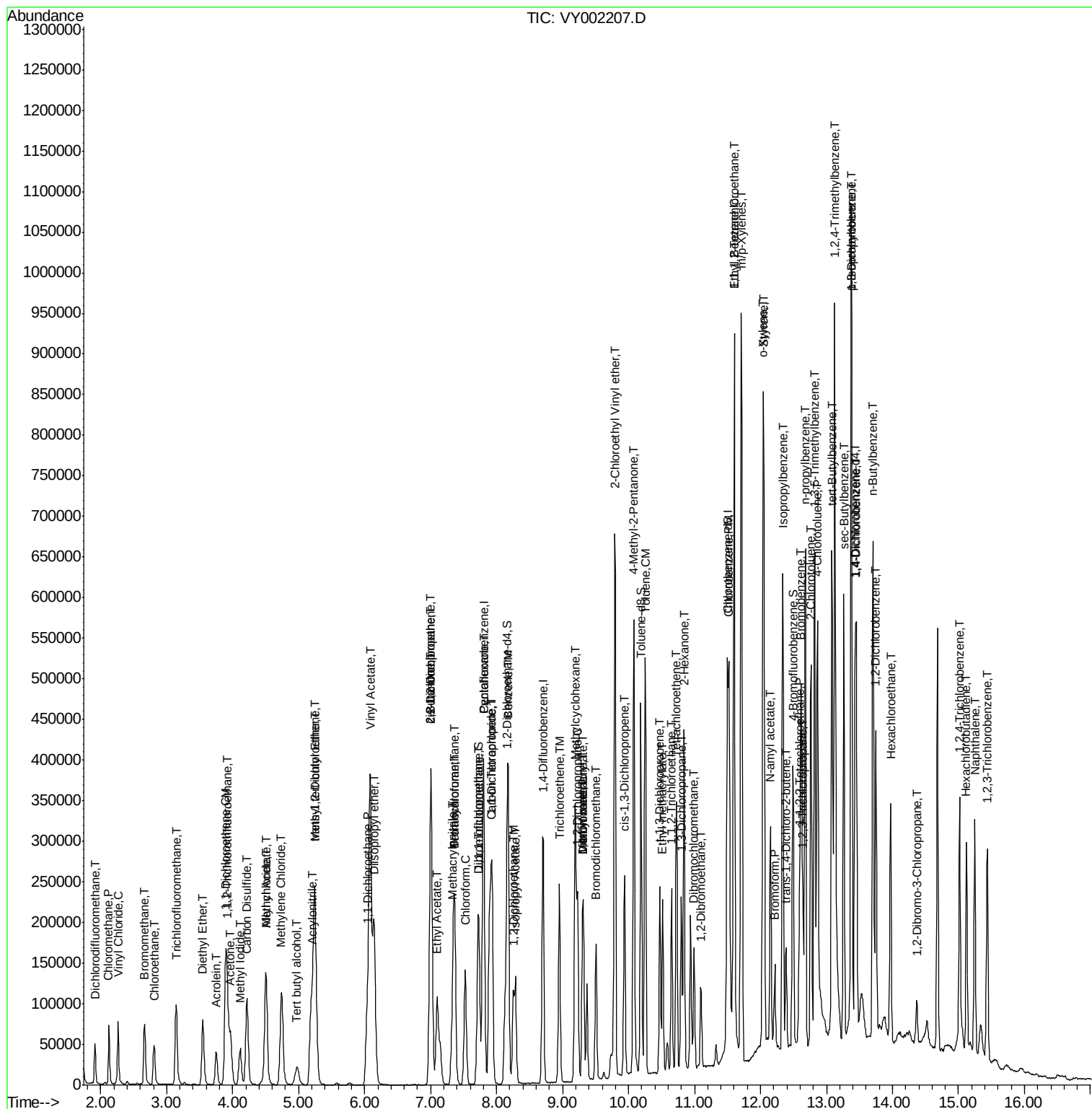
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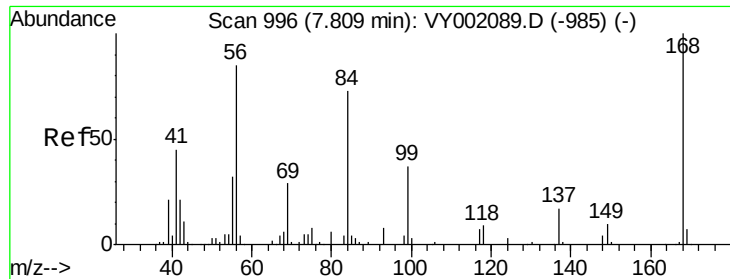
Instrument :
 MSVOA_Y
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.00 min

Lab File: VY002207.D

Acq: 02 Apr 2020 20:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 136775

Ion Ratio Lower Upper

168 100

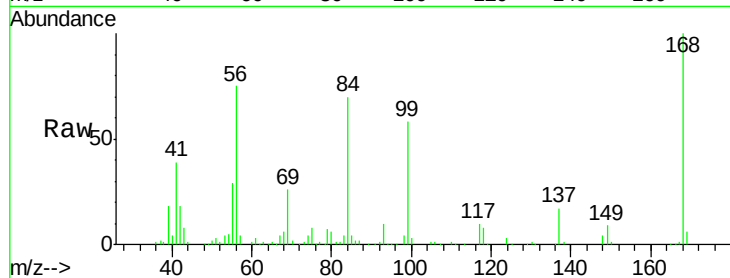
99 57.7 47.6 71.4

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY002207.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY002207.D (-947) (-)

7.81

60000

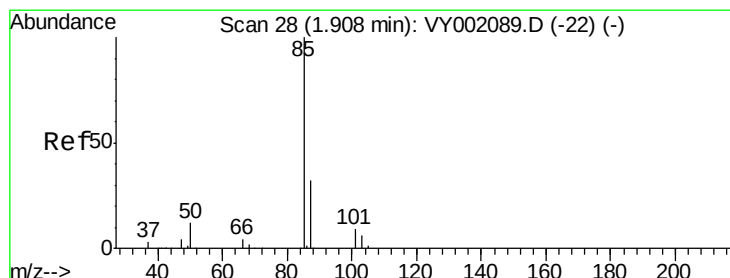
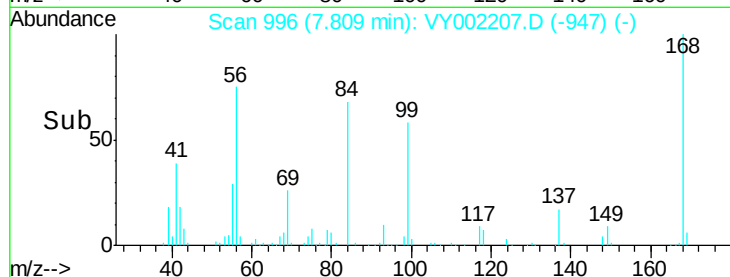
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 43.812 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.01 min

Lab File: VY002207.D

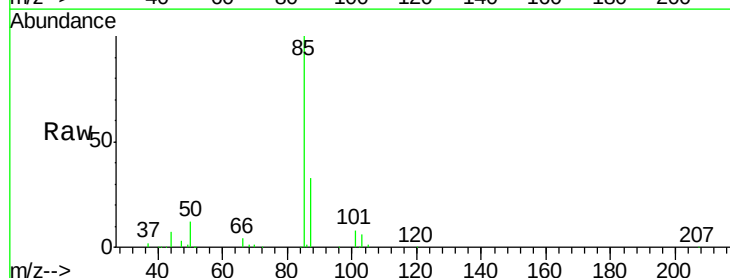
Acq: 02 Apr 2020 20:49

Tgt Ion: 85 Resp: 39331

Ion Ratio Lower Upper

85 100

87 32.9 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VY002207.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY002207.D (-1) (-)

1.91

30000

25000

20000

15000

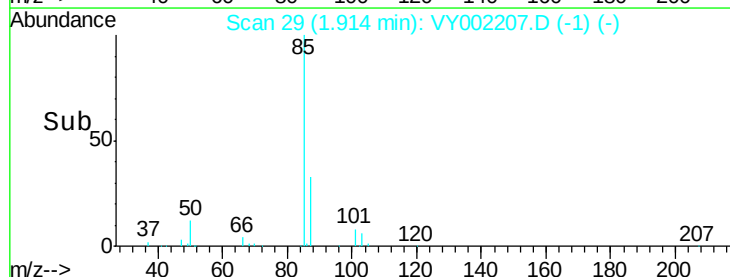
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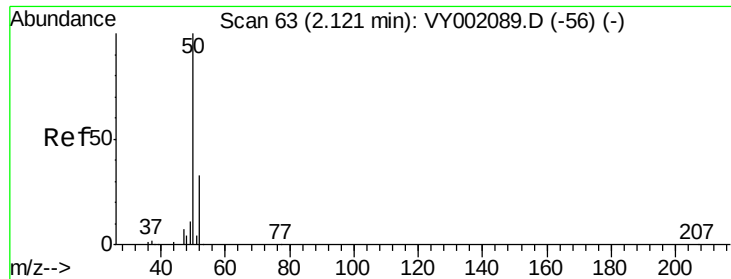
5000

0

1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 42.420 ug/l

RT: 2.13 min Scan# 64

Delta R.T. 0.01 min

Lab File: VY002207.D

Acq: 02 Apr 2020 20:49

Tot Ion: 50 Resp: 67804

Ion Ratio Lower Upper

50 100

52 32.6 26.1 39.1

Instrument :

MSVOA_Y

ClientSampleId :

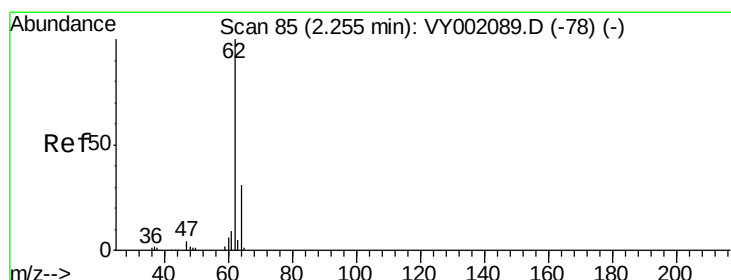
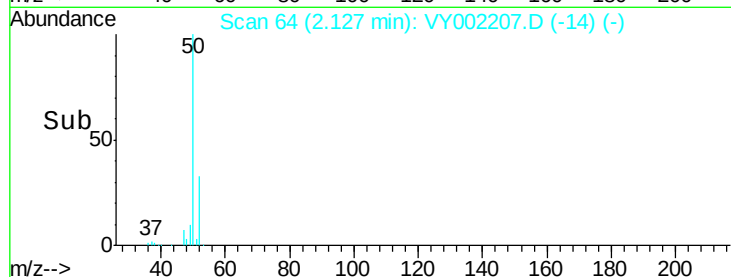
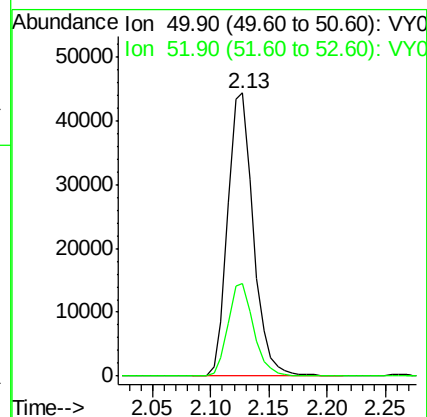
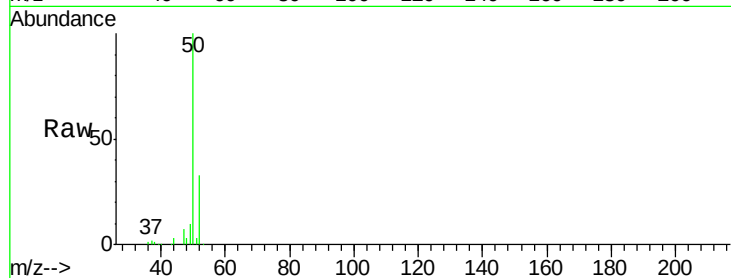
VSTDCCC050EC

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#4

Vinyl Chloride

Concen: 43.766 ug/l

RT: 2.26 min Scan# 86

Delta R.T. 0.01 min

Lab File: VY002207.D

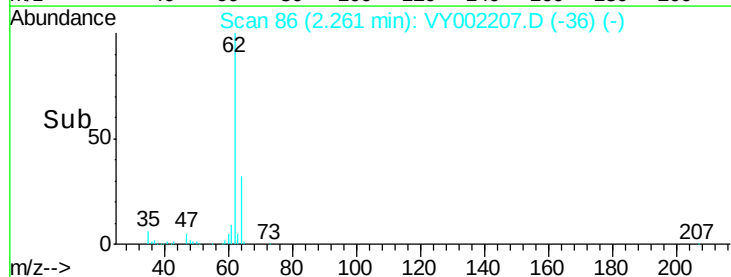
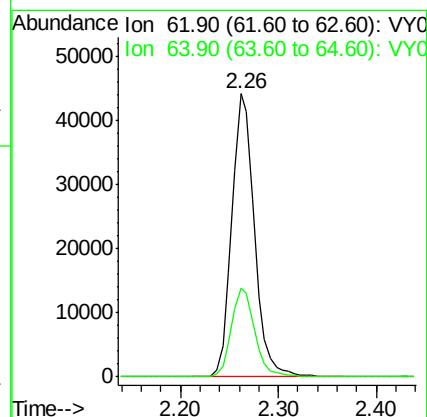
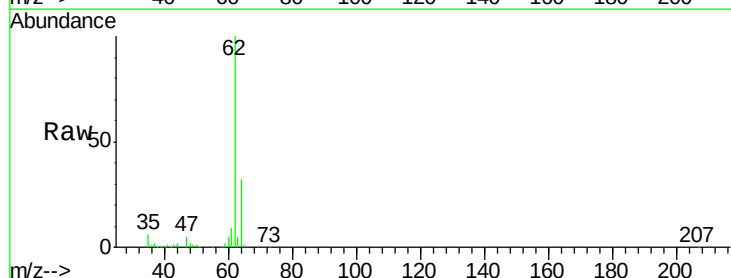
Acq: 02 Apr 2020 20:49

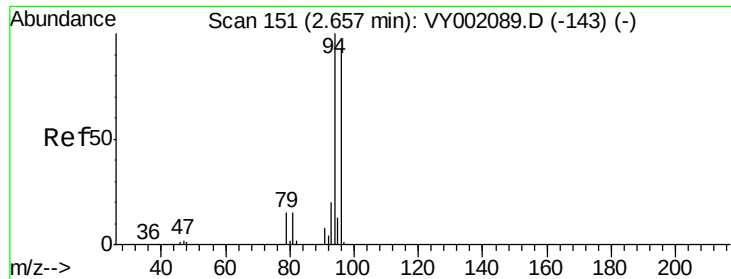
Tgt Ion: 62 Resp: 71147

Ion Ratio Lower Upper

62 100

64 31.6 25.2 37.8





#5

Bromomethane

Concen: 50.002 ug/l

RT: 2.66 min Scan# 152

Delta R.T. 0.01 min

Lab File: VY002207.D

Acq: 02 Apr 2020 20:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 53047

Ion Ratio Lower Upper

94 100

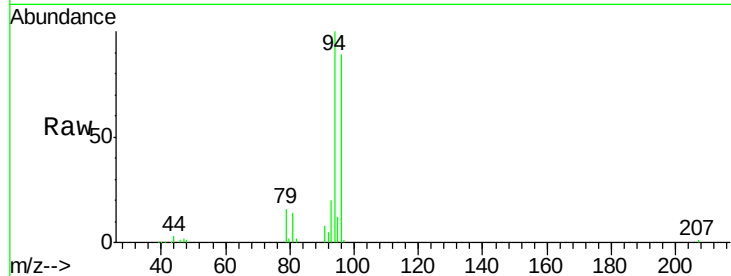
96 89.1 74.1 111.1

Manual Integrations

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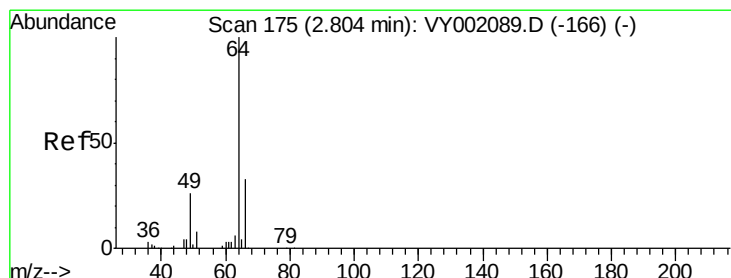
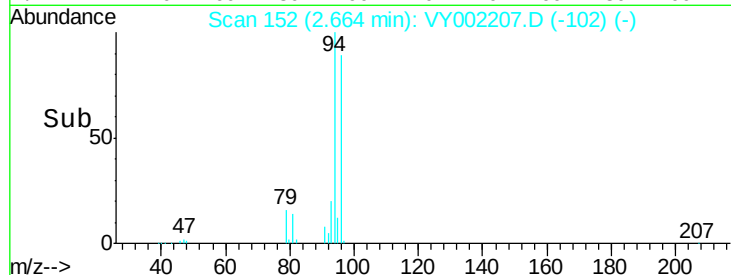
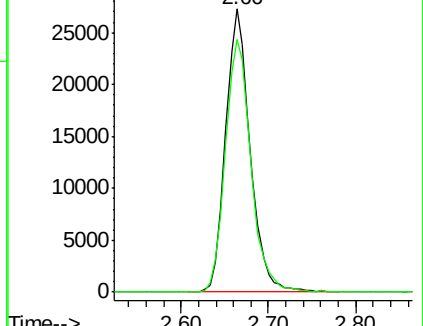
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 47.197 ug/l

RT: 2.81 min Scan# 176

Delta R.T. 0.01 min

Lab File: VY002207.D

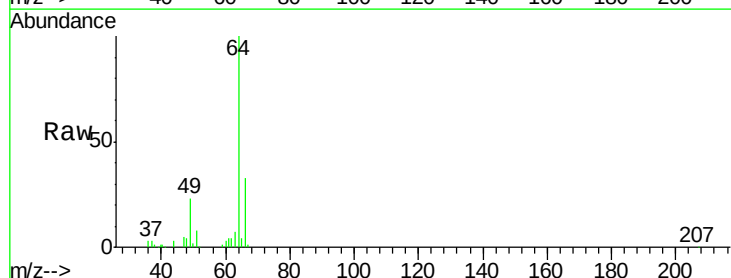
Acq: 02 Apr 2020 20:49

Tgt Ion: 64 Resp: 49266

Ion Ratio Lower Upper

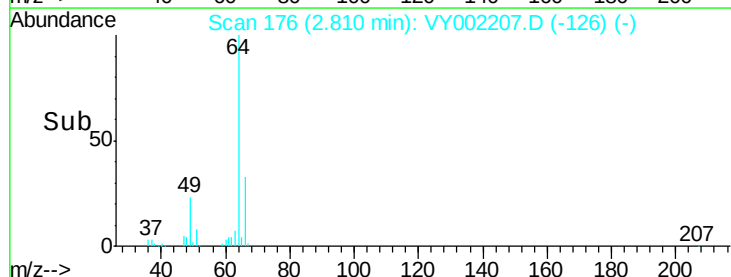
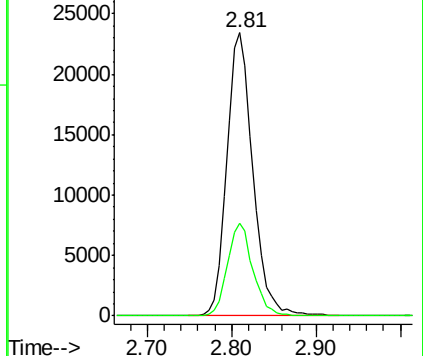
64 100

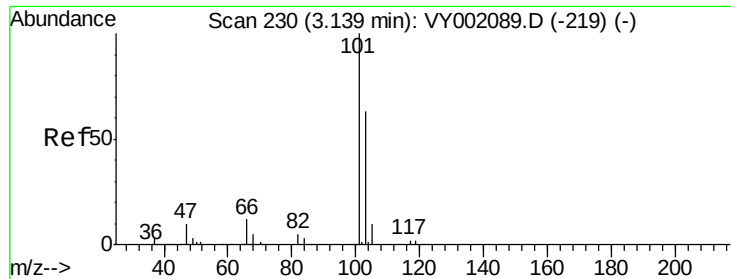
66 32.8 26.6 39.8



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

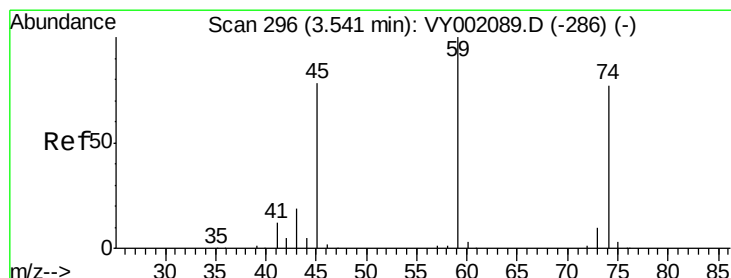
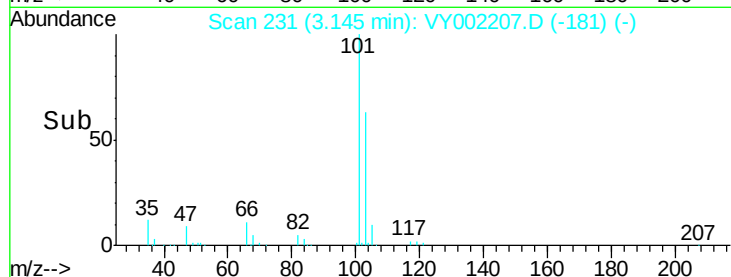
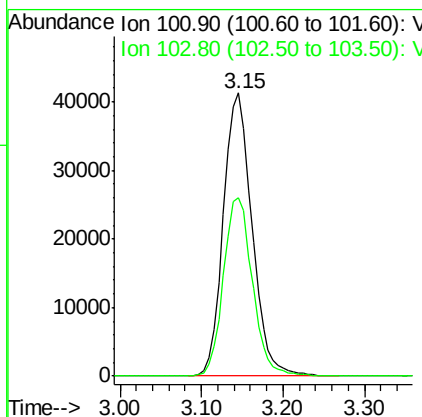
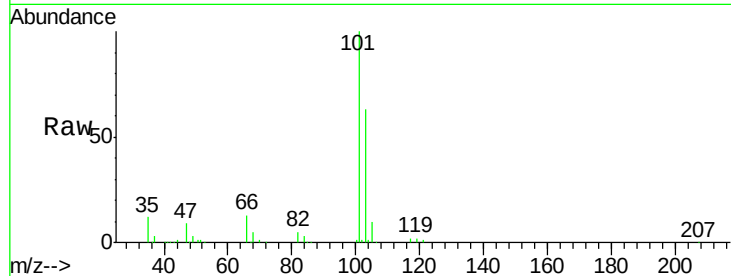
Trichlorofluoromethane
 Concen: 45.107 ug/l
 RT: 3.15 min Scan# 231
 Delta R.T. 0.01 min
 Lab File: VY002207.D
 Acq: 02 Apr 2020 20:49

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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.0	50.6	76.0

Manual Integrations
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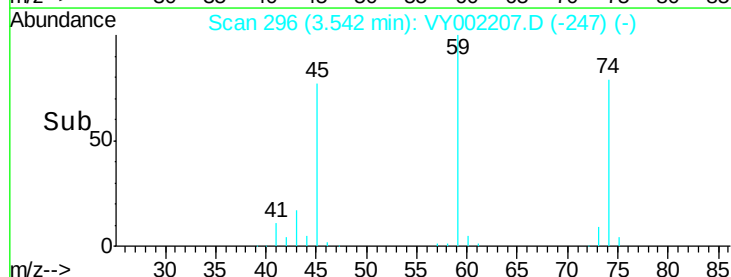
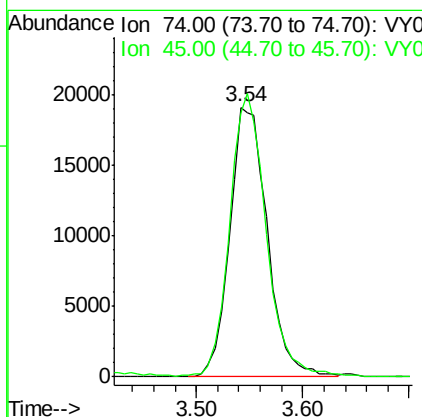
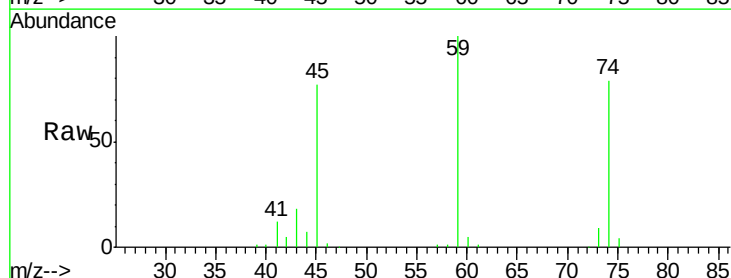
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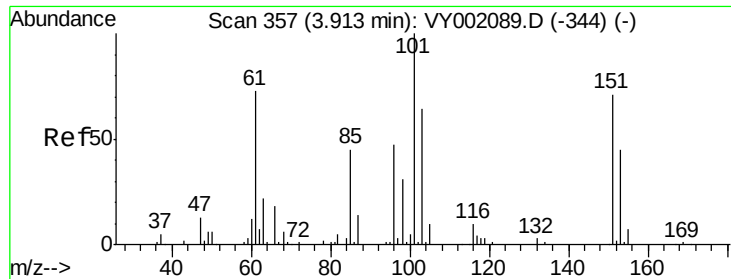


#8

Diethyl Ether
 Concen: 50.011 ug/l
 RT: 3.54 min Scan# 296
 Delta R.T. 0.00 min
 Lab File: VY002207.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	102.4	51.0	153.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.840 ug/l

RT: 3.92 min Scan# 358

Delta R.T. 0.01 min

Lab File: VY002207.D

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MSVOA_Y

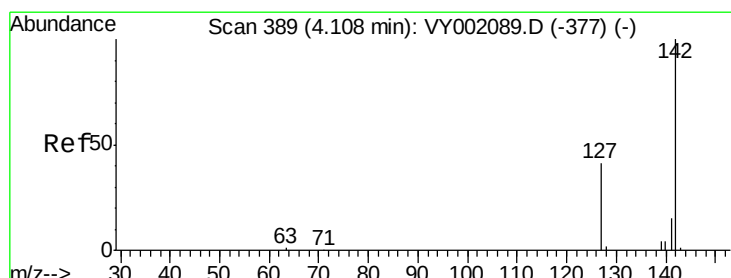
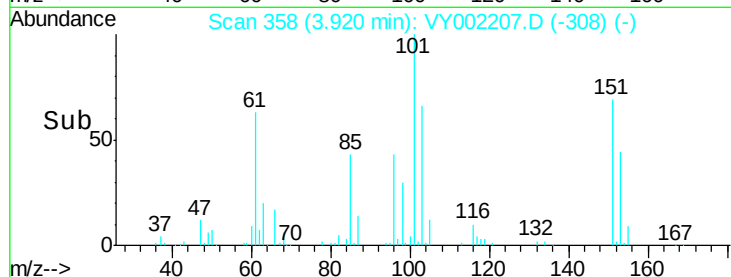
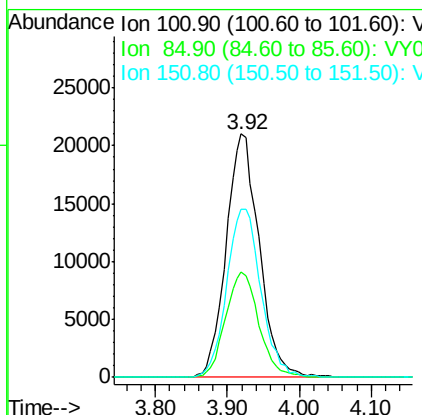
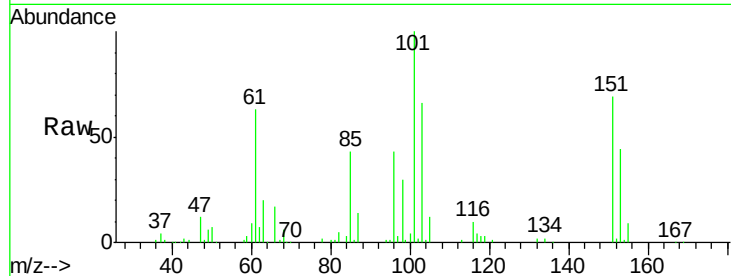
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	66999
Ion Ratio	Lower	Upper	
101	100		
85	43.5	35.9	53.9
151	71.6	57.5	86.3

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#10

Methyl Iodide

Concen: 44.248 ug/l

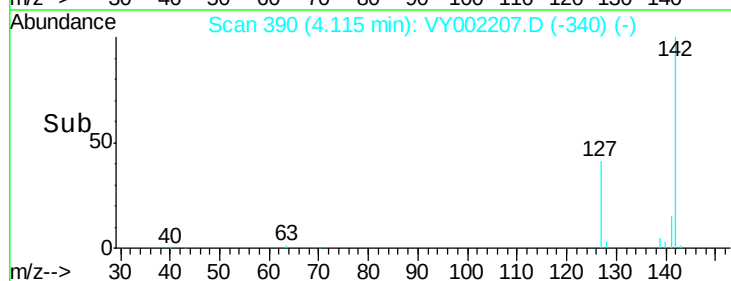
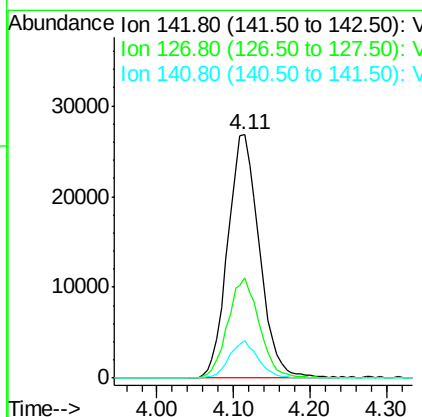
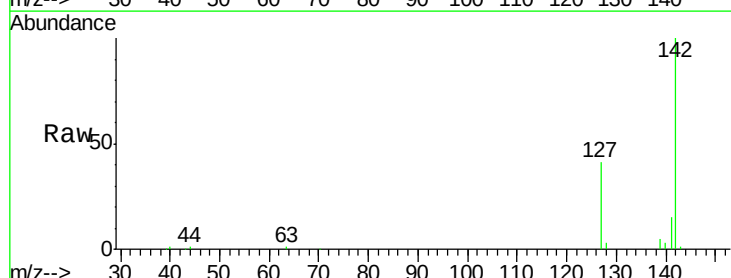
RT: 4.11 min Scan# 390

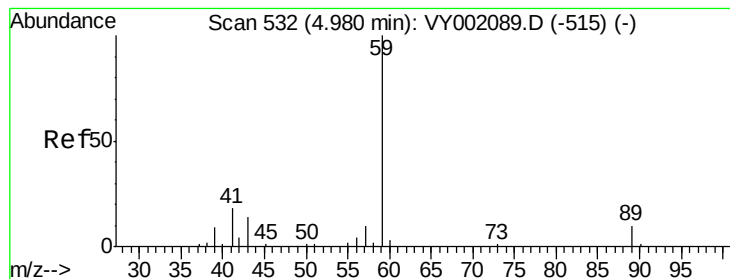
Delta R.T. 0.01 min

Lab File: VY002207.D

Acq: 02 Apr 2020 20:49

Tgt Ion:	142	Resp:	76900
Ion Ratio	Lower	Upper	
142	100		
127	41.0	32.6	49.0
141	13.9	11.4	17.0





#11

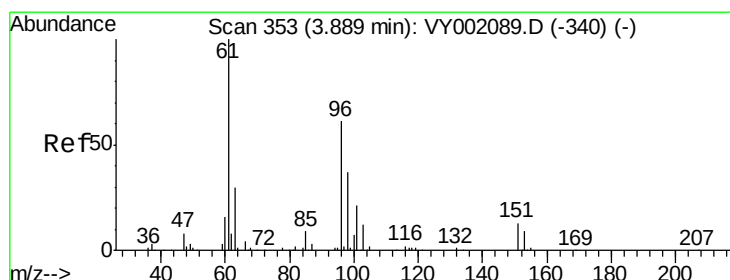
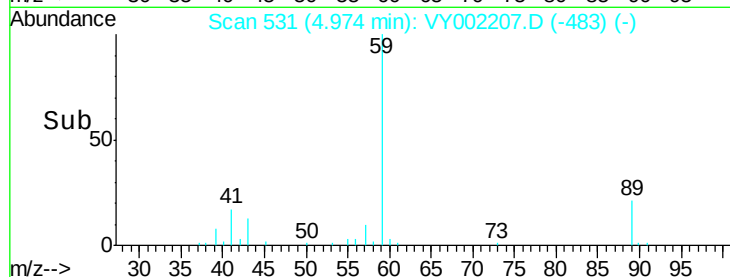
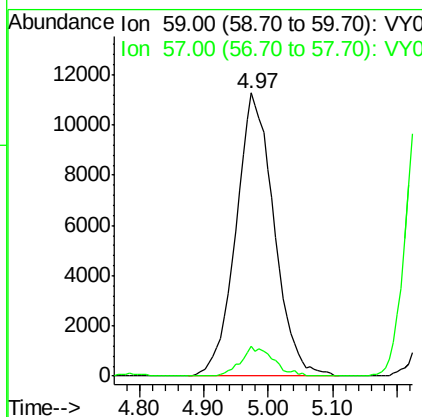
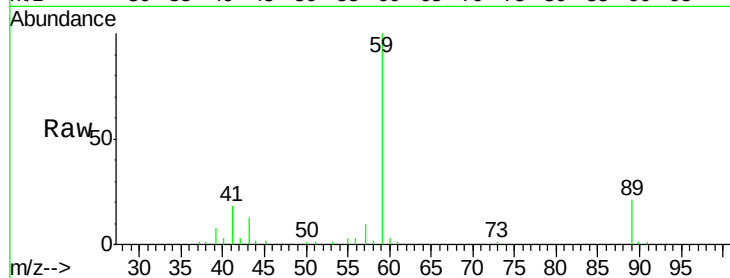
Tert butyl alcohol
 Concen: 257.423 ug/l
 RT: 4.97 min Scan# 531
 Delta R.T. -0.01 min
 Lab File: VY002207.D
 Acq: 02 Apr 2020 20:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	59	57	Ratio	100	9.0	Resp	45868	Lower	7.7	Upper	11.5
Ion	59	57	Ratio	100	9.0	Resp	45868	Lower	7.7	Upper	11.5

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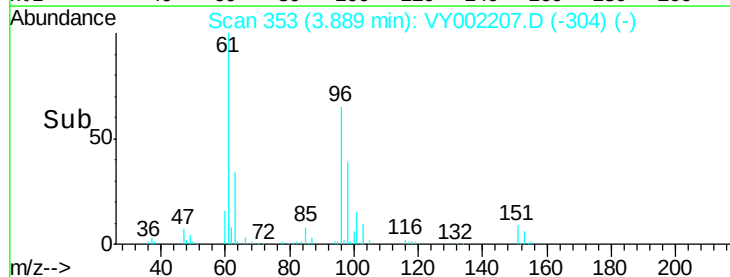
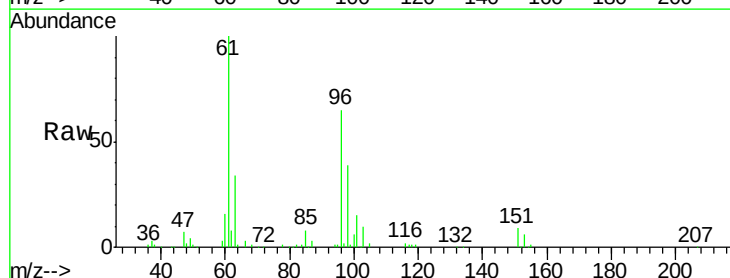
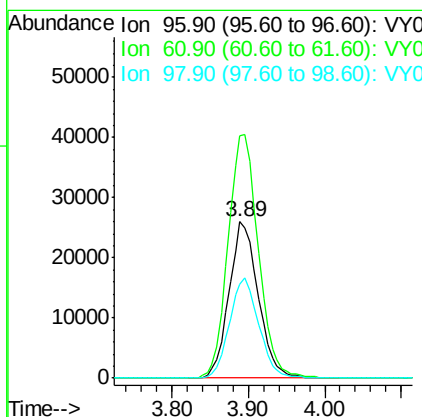
MMDadoda
 4/6/2020 11:28:18 AM

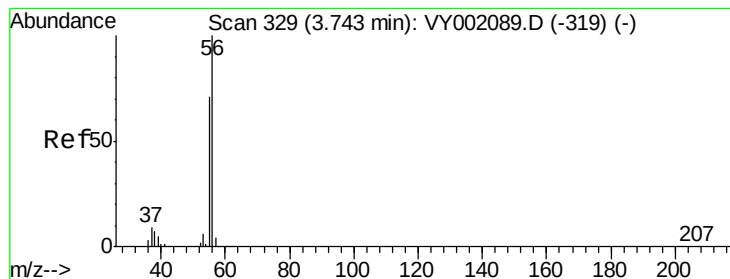


#12

1,1-Dichloroethene
 Concen: 46.414 ug/l
 RT: 3.89 min Scan# 353
 Delta R.T. 0.00 min
 Lab File: VY002207.D
 Acq: 02 Apr 2020 20:49

Tgt Ion	96	61	98	Ratio	100	154.7	60.2	Resp	68884	Lower	132.0	49.4	Upper	198.0	74.0
Ion	96	61	98	Ratio	100	154.7	60.2	Resp	68884	Lower	132.0	49.4	Upper	198.0	74.0





#13

Acrolein

Concen: 220.589 ug/l

RT: 3.75 min Scan# 330

Delta R.T. 0.01 min

Lab File: VY002207.D

Acq: 02 Apr 2020 20:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 49125

Ion Ratio Lower Upper

56 100

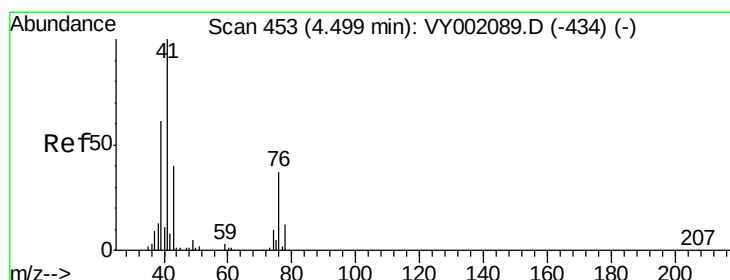
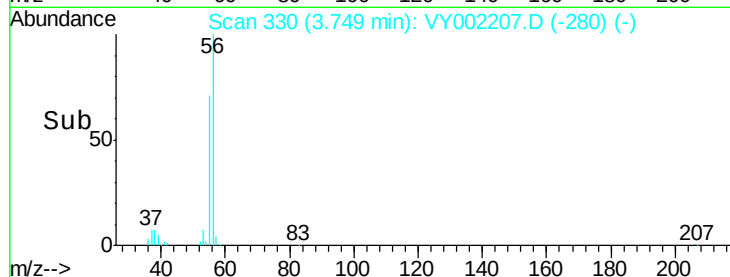
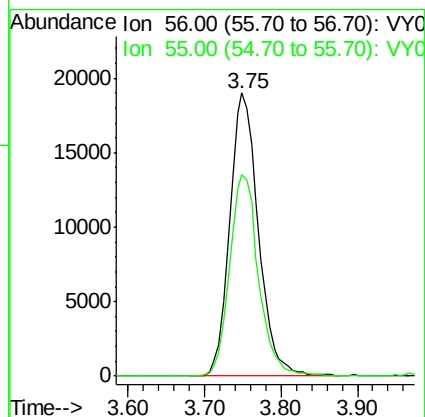
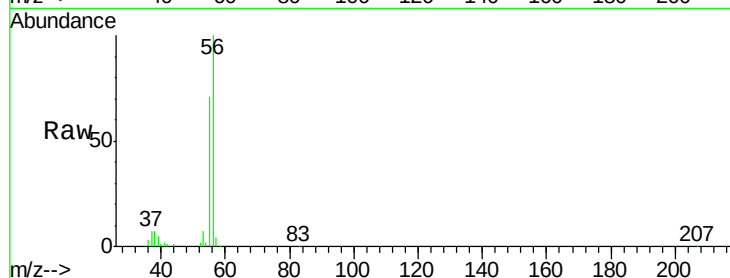
55 72.0 56.5 84.7

Manual Integrations

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MMDadoda

4/6/2020 11:28:18 AM



#14

Allyl chloride

Concen: 47.490 ug/l

RT: 4.50 min Scan# 454

Delta R.T. 0.01 min

Lab File: VY002207.D

Acq: 02 Apr 2020 20:49

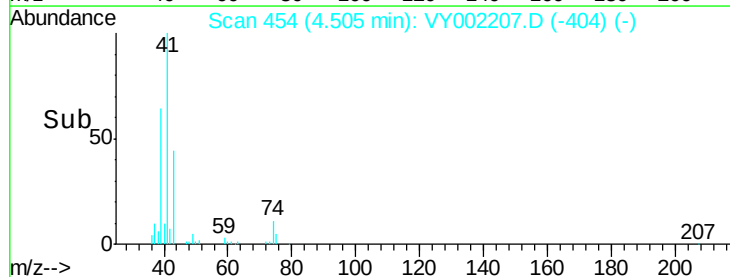
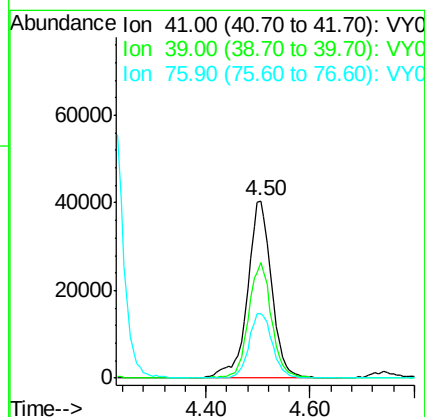
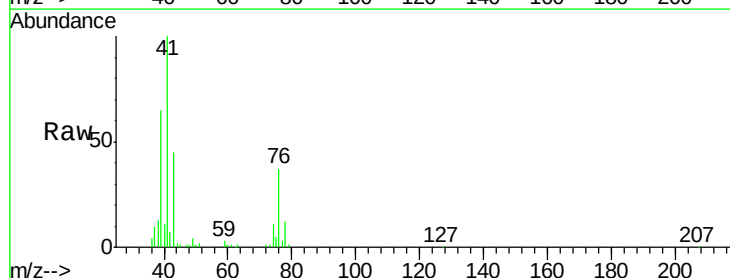
Tgt Ion: 41 Resp: 129026

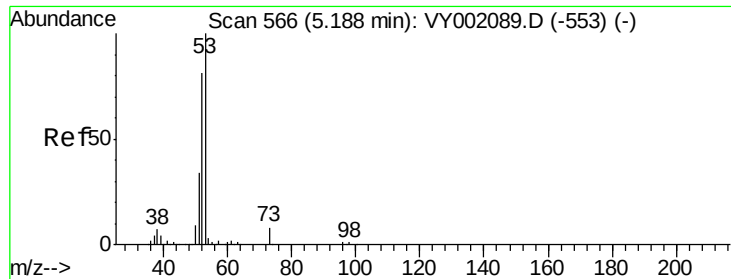
Ion Ratio Lower Upper

41 100

39 62.3 49.0 73.4

76 35.2 27.8 41.8





#15

Acrylonitrile

Concen: 266.992 ug/l

RT: 5.19 min Scan# 567

Delta R.T. 0.01 min

Lab File: VY002207.D

Acq: 02 Apr 2020 20:49

Instrument :

MSVOA_Y

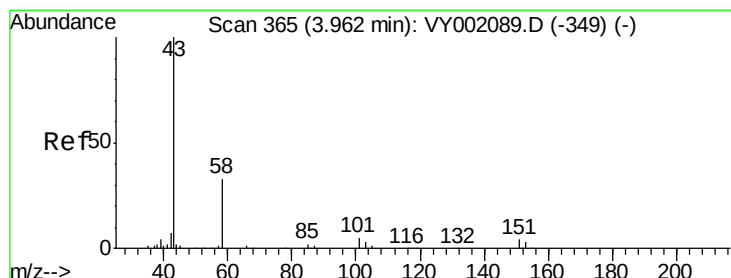
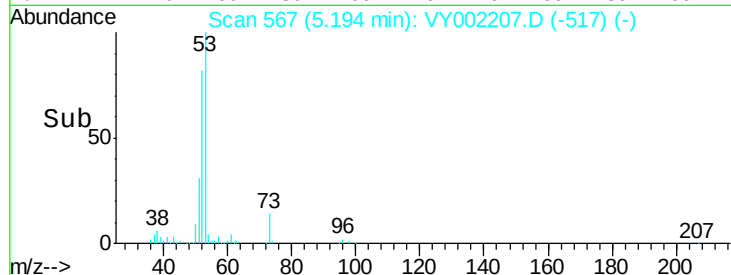
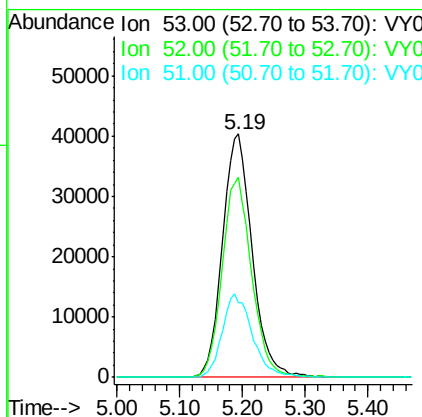
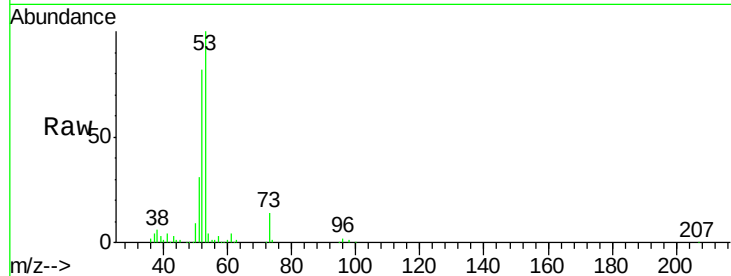
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	132040
Ion	Ratio	Lower	Upper
53	100		
52	81.3	64.6	97.0
51	34.9	27.9	41.9

Manual Integrations
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#16

Acetone

Concen: 215.882 ug/l

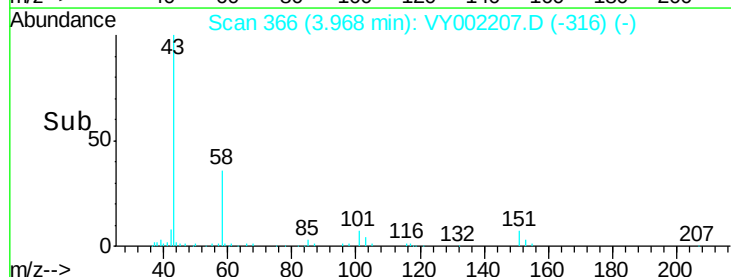
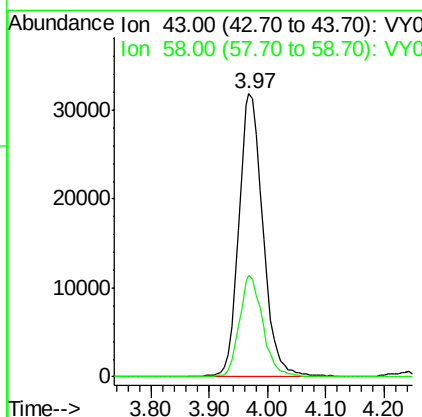
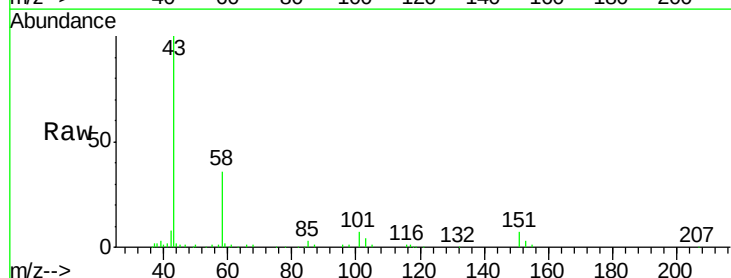
RT: 3.97 min Scan# 366

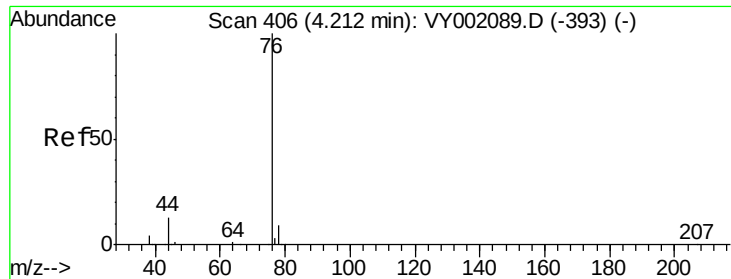
Delta R.T. 0.01 min

Lab File: VY002207.D

Acq: 02 Apr 2020 20:49

Tgt Ion:	43	Resp:	91706
Ion	Ratio	Lower	Upper
43	100		
58	35.9	26.3	39.5





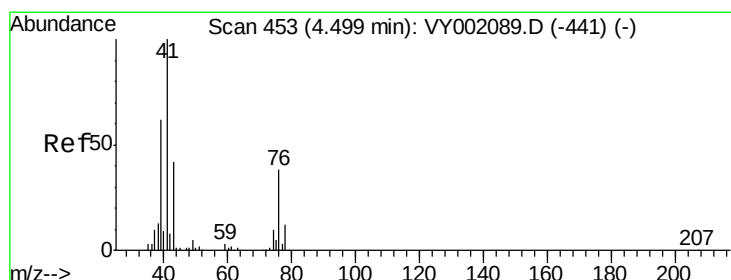
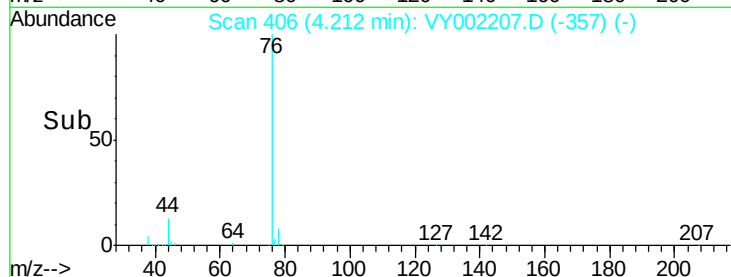
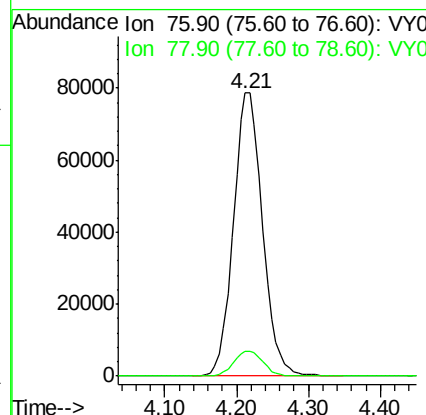
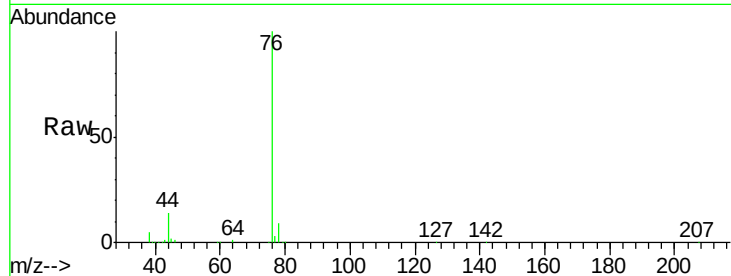
#17
Carbon Disulfide
Concen: 44.746 ug/l
RT: 4.21 min Scan# 406
Delta R.T. 0.00 min
Lab File: VY002207.D
Acq: 02 Apr 2020 20:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
76	100	220385		
78	8.6		7.3	10.9

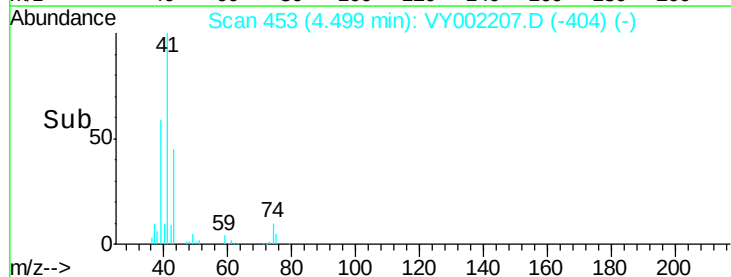
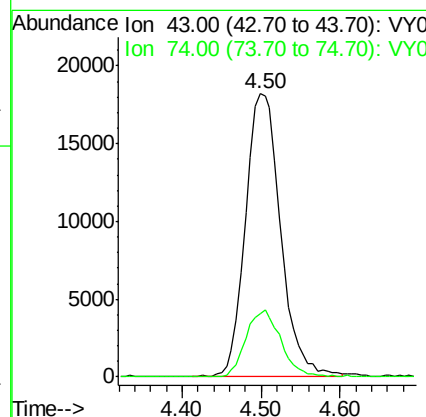
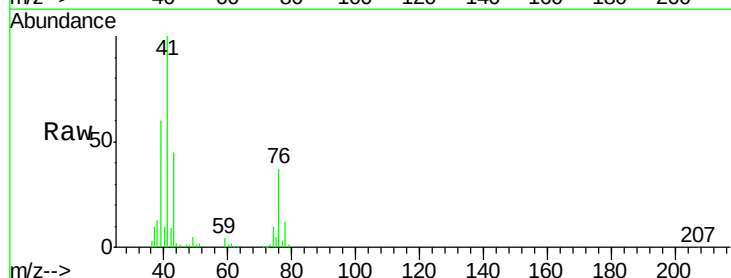
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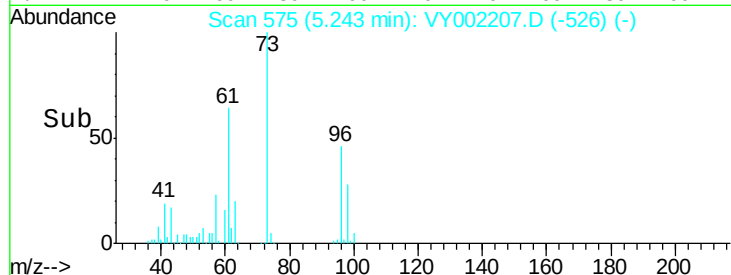
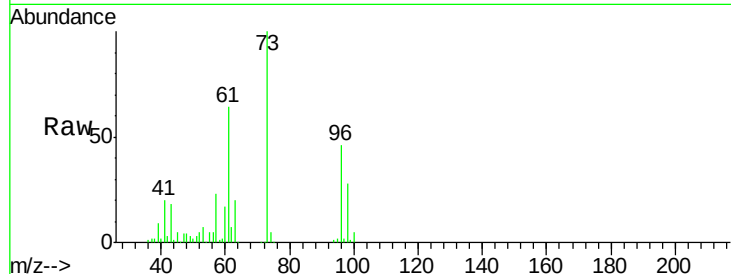
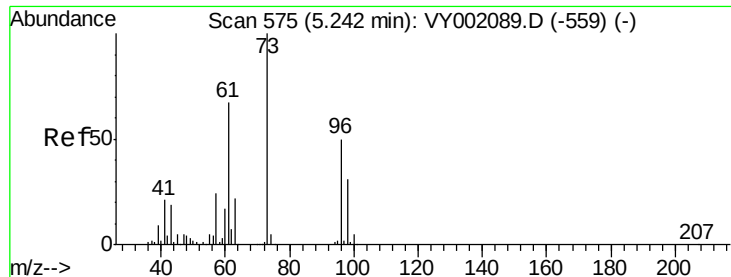
MMDadoda
4/6/2020 11:28:18 AM



#18
Methyl Acetate
Concen: 51.274 ug/l
RT: 4.50 min Scan# 453
Delta R.T. 0.00 min
Lab File: VY002207.D
Acq: 02 Apr 2020 20:49

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	56559		
74	23.5		18.3	27.5





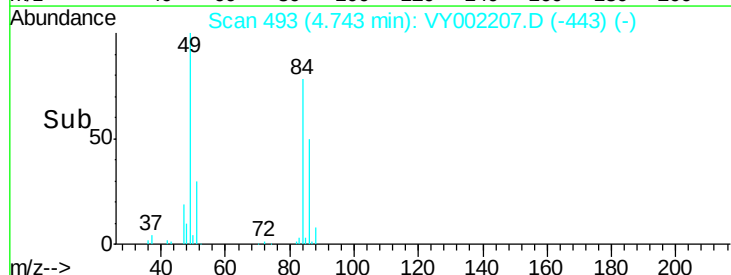
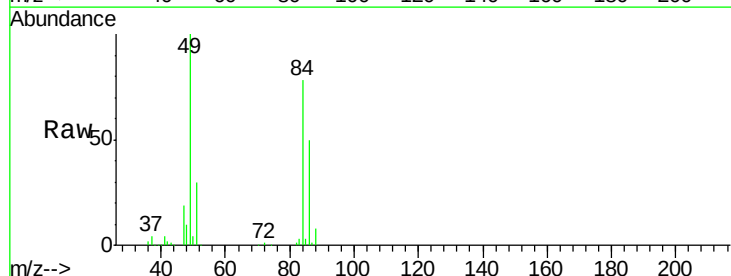
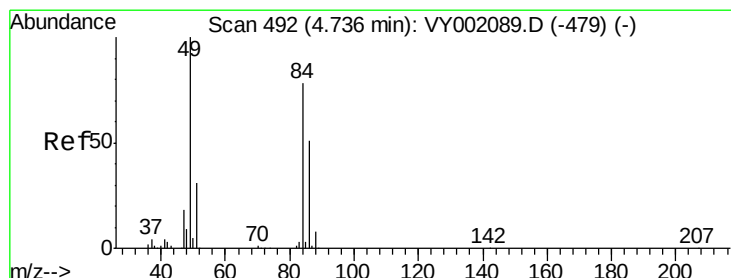
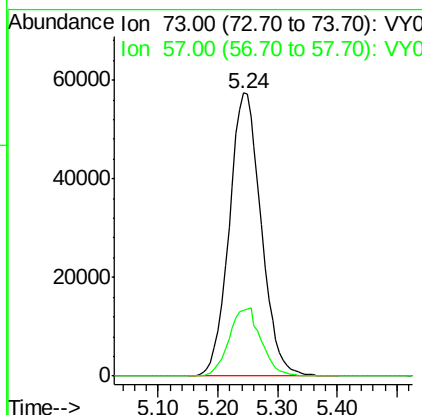
#19
Methyl tert-butyl Ether
Concen: 51.556 ug/l
RT: 5.24 min Scan# 575
Delta R.T. 0.00 min
Lab File: VY002207.D
Acq: 02 Apr 2020 20:49

Tot Ion: 73 Resp: 213453
Ion Ratio Lower Upper
73 100
57 23.3 19.0 28.6

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

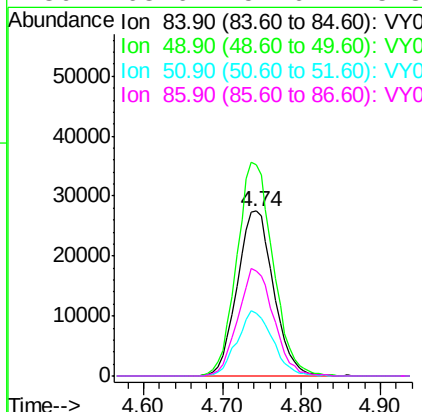
Manual Integrations
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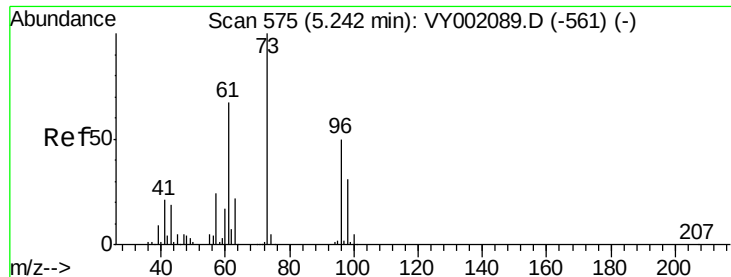
MMDadoda
4/6/2020 11:28:18 AM



#20
Methylene Chloride
Concen: 50.312 ug/l
RT: 4.74 min Scan# 493
Delta R.T. 0.01 min
Lab File: VY002207.D
Acq: 02 Apr 2020 20:49

Tgt Ion: 84 Resp: 88430
Ion Ratio Lower Upper
84 100
49 127.7 102.2 153.4
51 38.4 31.2 46.8
86 63.6 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 48.038 ug/l

RT: 5.24 min Scan# 575

Delta R.T. 0.00 min

Lab File: VY002207.D

Acq: 02 Apr 2020 20:49

Instrument :

MSVOA_Y

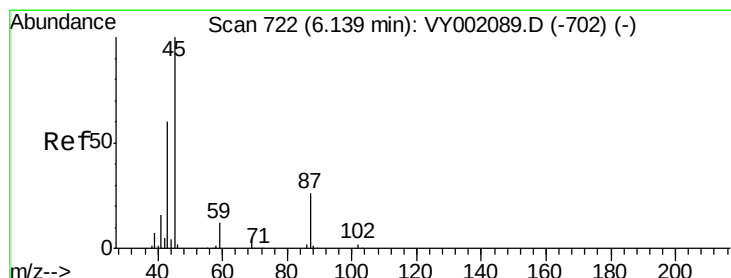
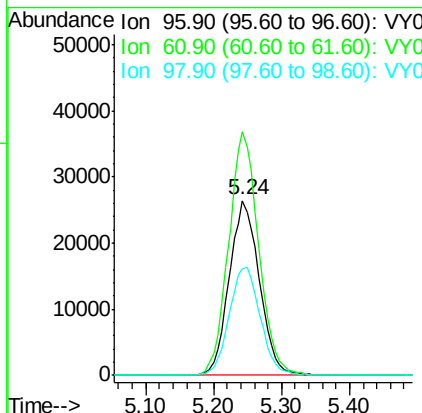
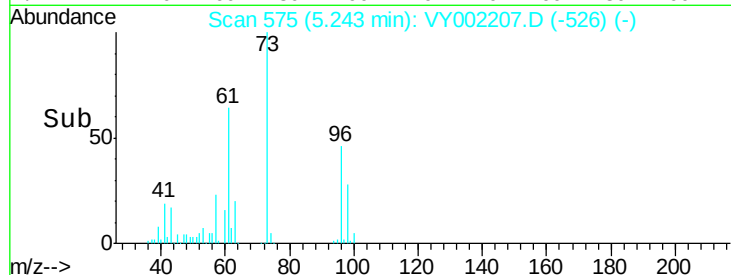
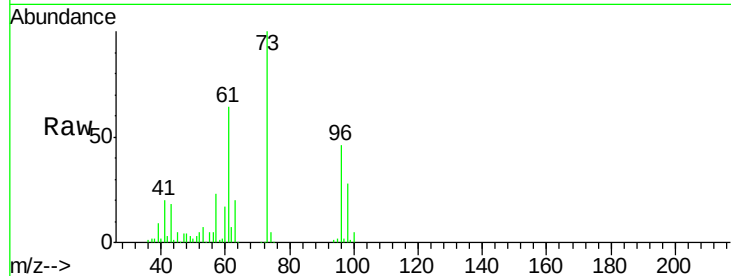
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	81175
Ion	Ratio	Lower	Upper
96	100		
61	139.1	107.7	161.5
98	61.0	50.5	75.7

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#22

Diisopropyl ether

Concen: 50.320 ug/l

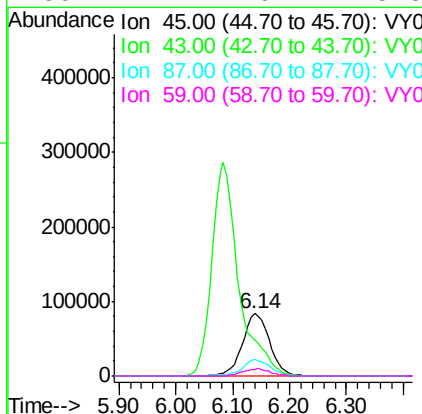
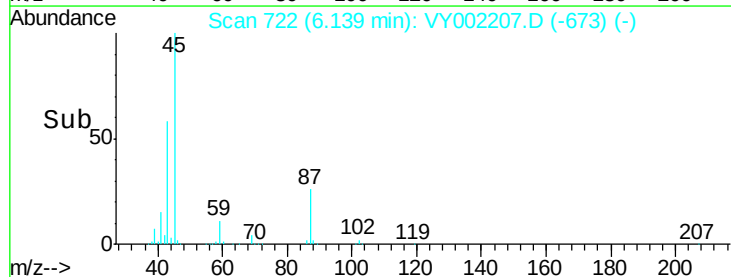
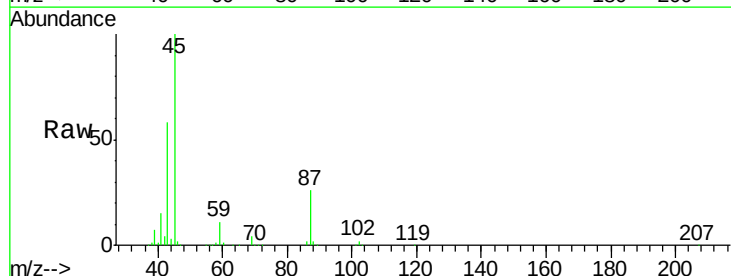
RT: 6.14 min Scan# 722

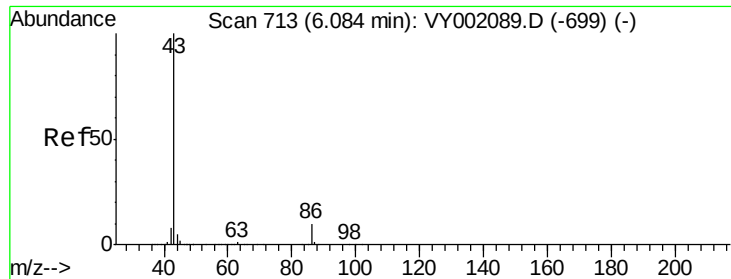
Delta R.T. 0.00 min

Lab File: VY002207.D

Acq: 02 Apr 2020 20:49

Tgt Ion:	45	Resp:	279787
Ion	Ratio	Lower	Upper
45	100		
43	57.9	48.1	72.1
87	26.3	21.1	31.7
59	11.2	9.2	13.8





#23

Vinyl Acetate

Concen: 257.781 ug/l

RT: 6.08 min Scan# 713

Delta R.T. 0.00 min

Lab File: VY002207.D

Acq: 02 Apr 2020 20:49

Tot Ion: 43 Resp: 939868

Ion Ratio Lower Upper

43 100

86 11.0 7.9 11.9

Instrument :

MSVOA_Y

ClientSampleId :

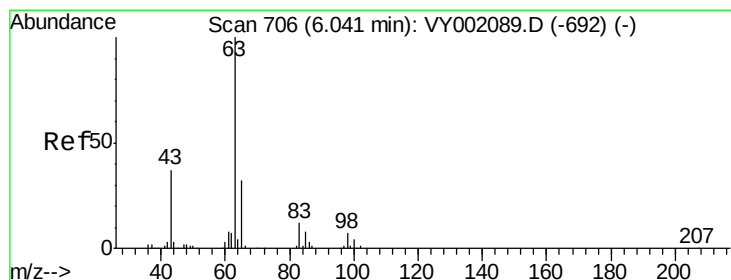
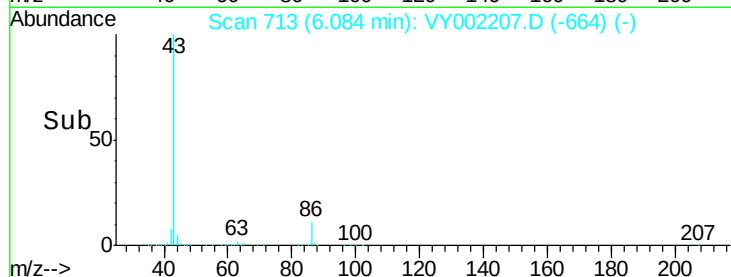
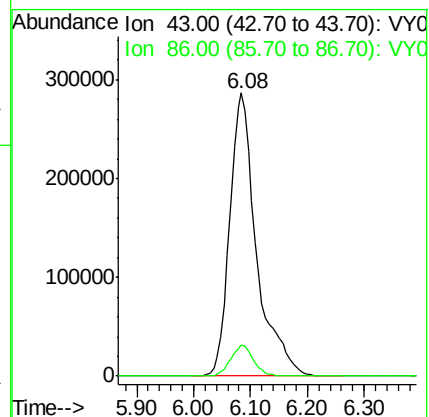
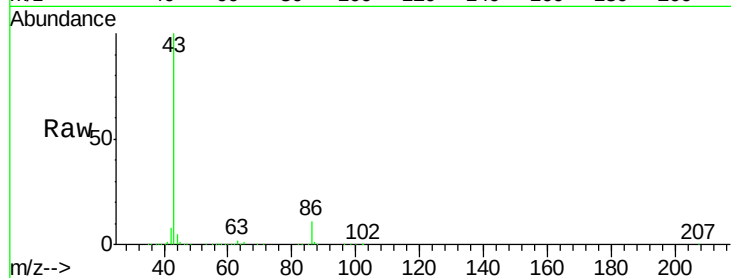
VSTDCCC050EC

Manual Integrations

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4/6/2020 11:28:18 AM



#24

1,1-Dichloroethane

Concen: 49.327 ug/l

RT: 6.04 min Scan# 706

Delta R.T. 0.00 min

Lab File: VY002207.D

Acq: 02 Apr 2020 20:49

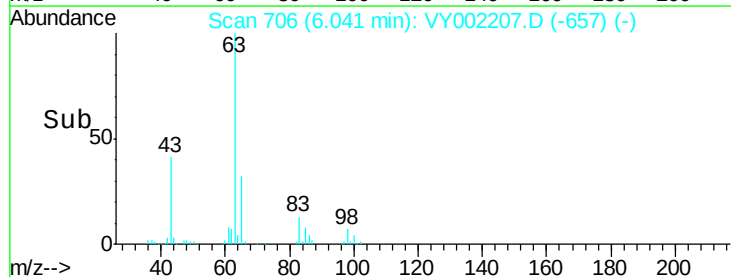
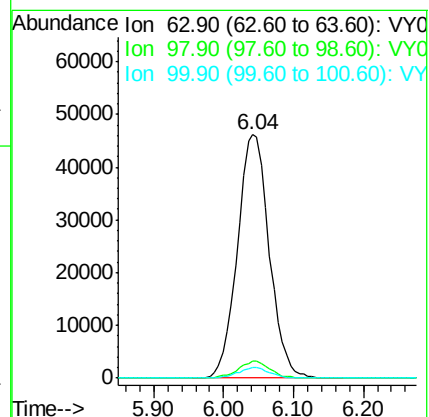
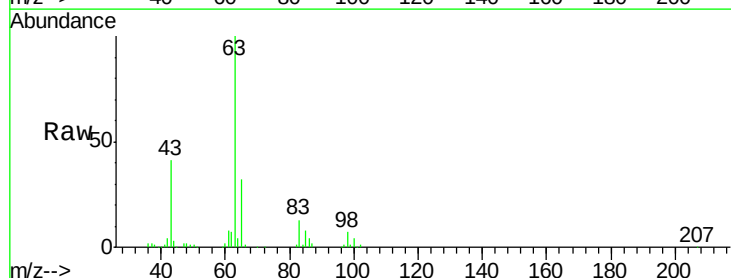
Tgt Ion: 63 Resp: 145824

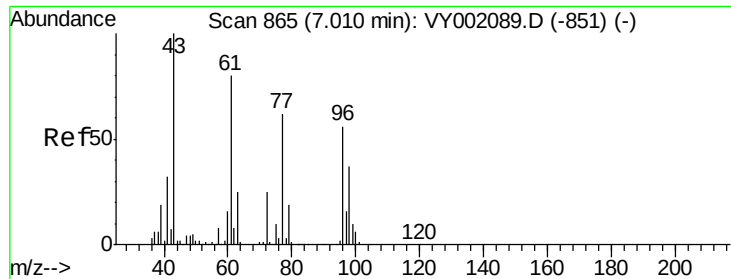
Ion Ratio Lower Upper

63 100

98 7.2 3.3 9.9

100 4.1 1.8 5.5





#25

2-Butanone

Concen: 250.206 ug/l

RT: 7.00 min Scan# 864

Delta R.T. -0.01 min

Lab File: VY002207.D

Acq: 02 Apr 2020 20:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 163204

Ion Ratio Lower Upper

43 100

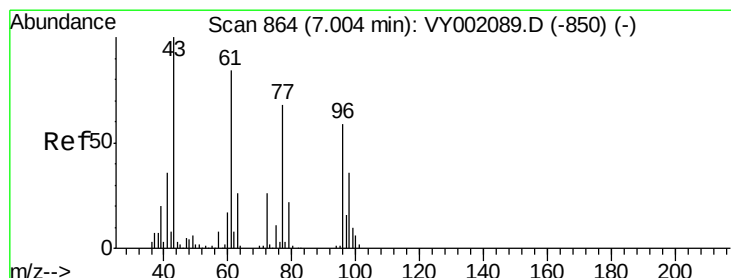
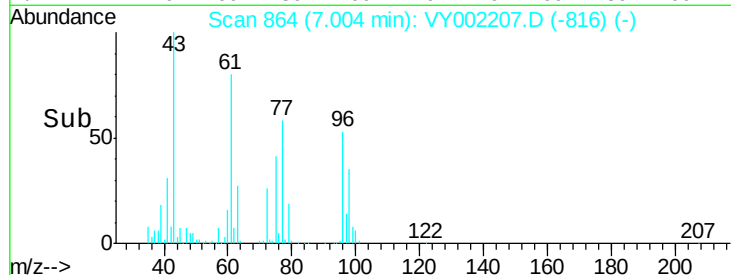
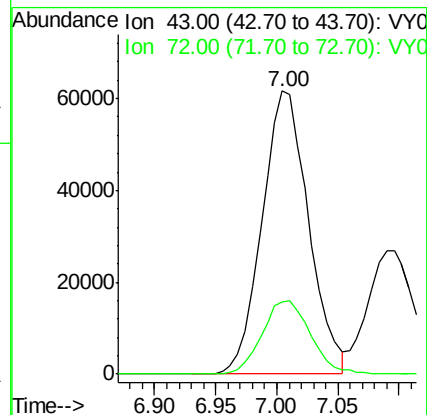
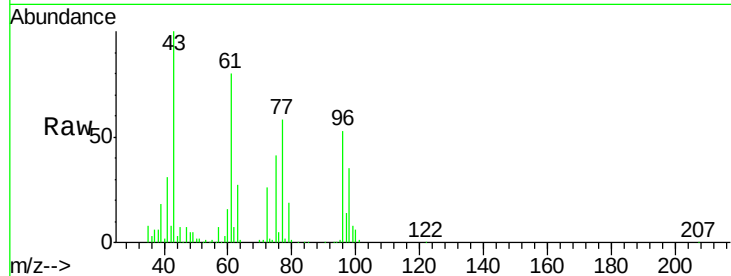
72 25.6 20.2 30.2

Manual Integrations

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MMDadoda

4/6/2020 11:28:18 AM



#26

2,2-Dichloropropane

Concen: 45.295 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.01 min

Lab File: VY002207.D

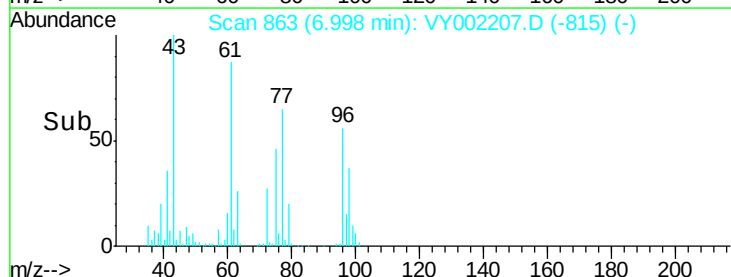
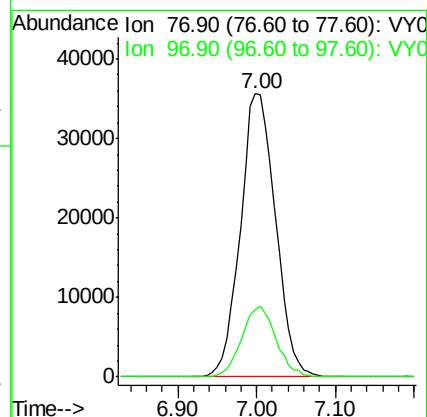
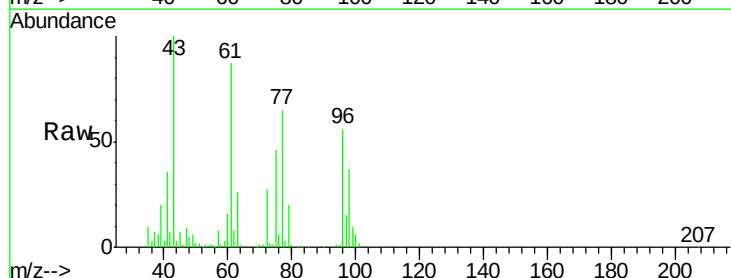
Acq: 02 Apr 2020 20:49

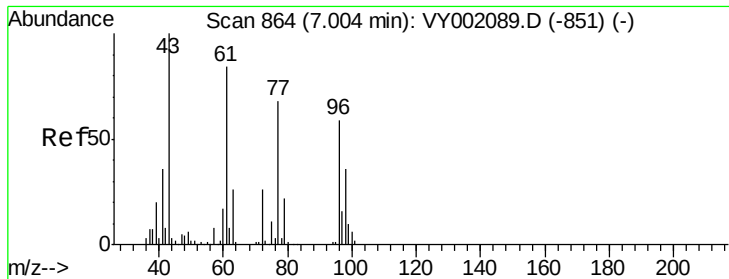
Tgt Ion: 77 Resp: 110282

Ion Ratio Lower Upper

77 100

97 24.3 11.7 35.1





#27

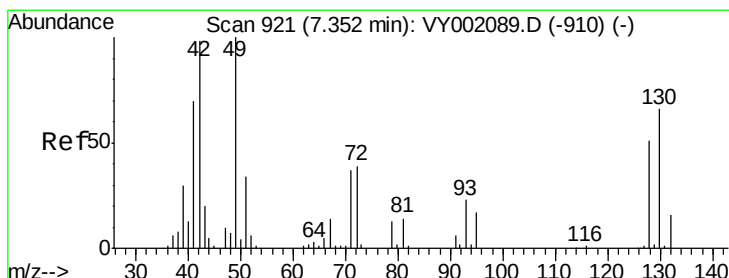
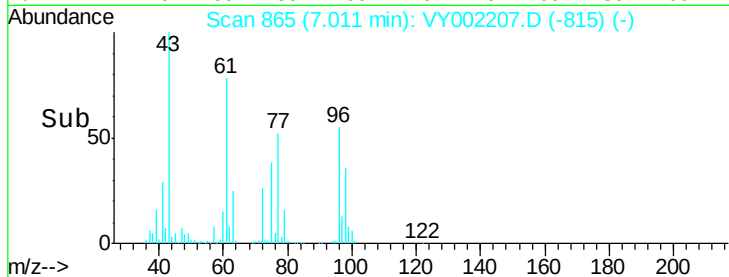
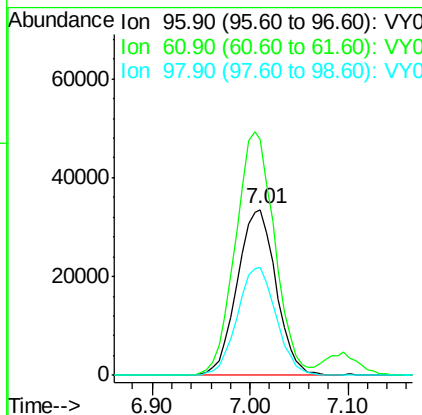
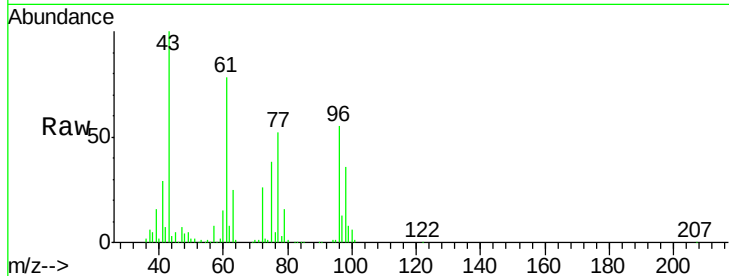
cis-1,2-Dichloroethene
Concen: 49.830 ug/l
RT: 7.01 min Scan# 865
Delta R.T. 0.01 min
Lab File: VY002207.D
Acq: 02 Apr 2020 20:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	148.0	0.0	290.6
98	65.0	0.0	128.0

Manual Integrations
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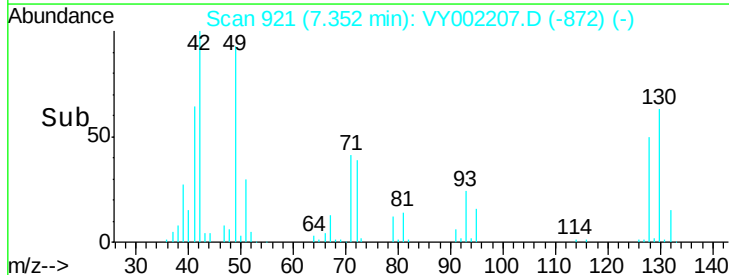
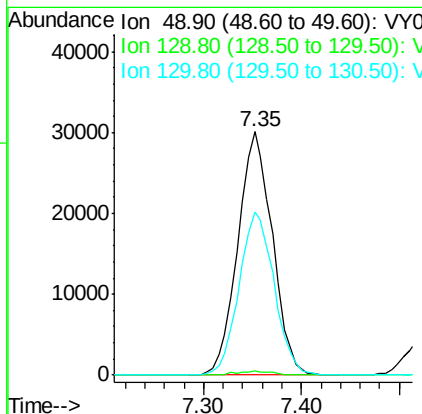
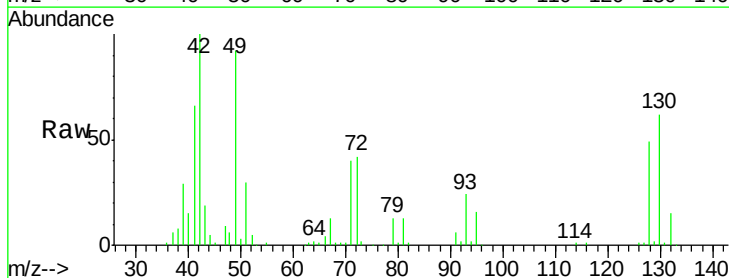
MMDadoda
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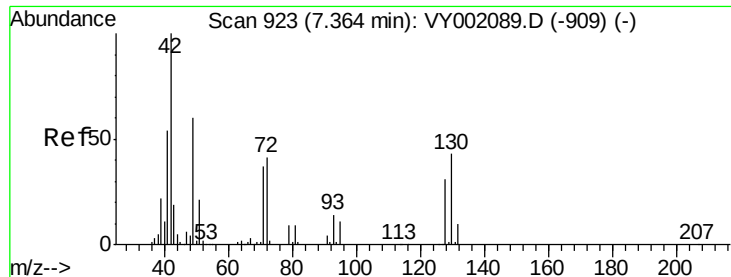


#28

Bromochloromethane
Concen: 54.615 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.00 min
Lab File: VY002207.D
Acq: 02 Apr 2020 20:49

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.4
130	68.0	54.1	81.1





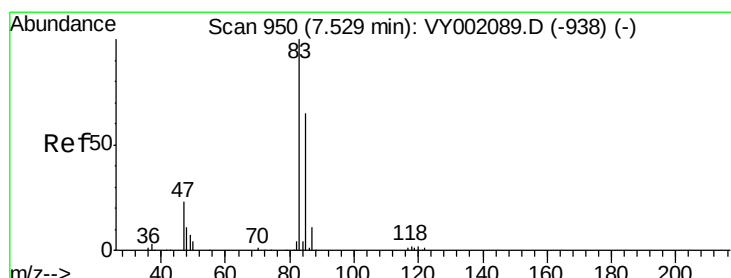
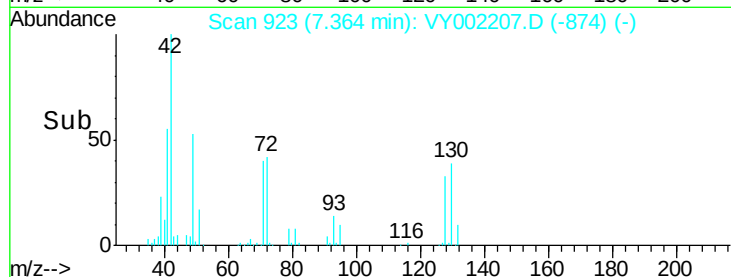
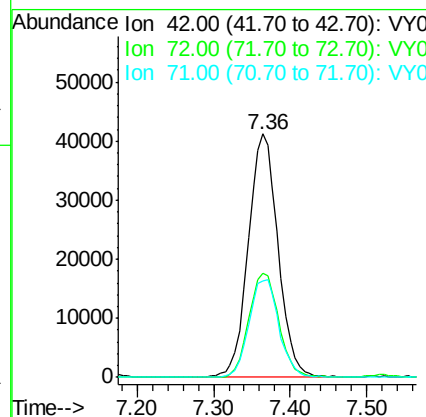
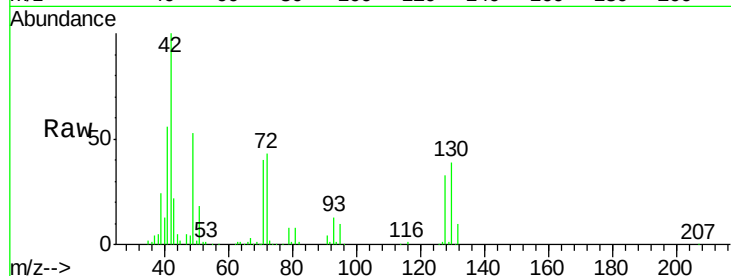
#29
Tetrahydrofuran
Concen: 260.484 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.00 min
Lab File: VY002207.D
Acq: 02 Apr 2020 20:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.0	33.0	49.4
71	40.3	31.2	46.8

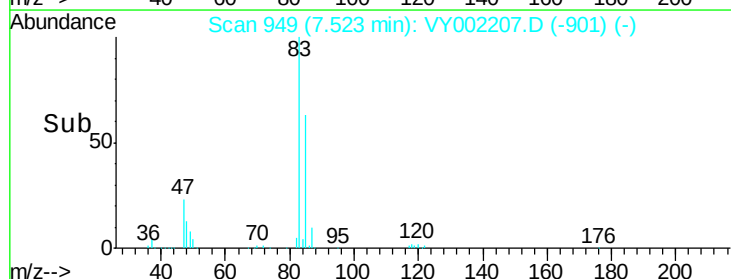
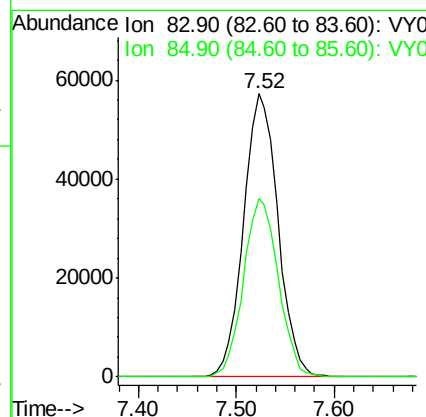
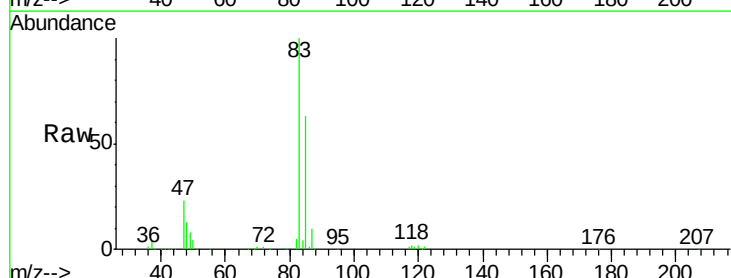
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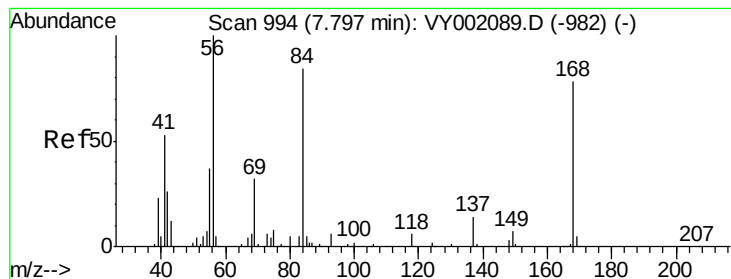
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#30
Chloroform
Concen: 49.862 ug/l
RT: 7.52 min Scan# 949
Delta R.T. -0.01 min
Lab File: VY002207.D
Acq: 02 Apr 2020 20:49

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.2	52.4	78.6





#31

Cyclohexane

Concen: 44.219 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002207.D

Acq: 02 Apr 2020 20:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 139295

Ion Ratio Lower Upper

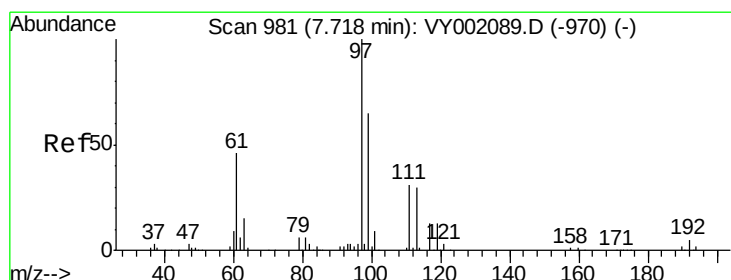
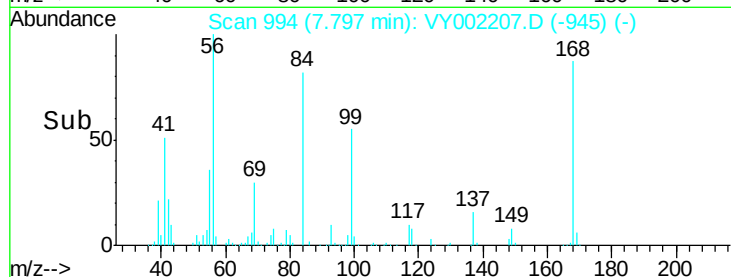
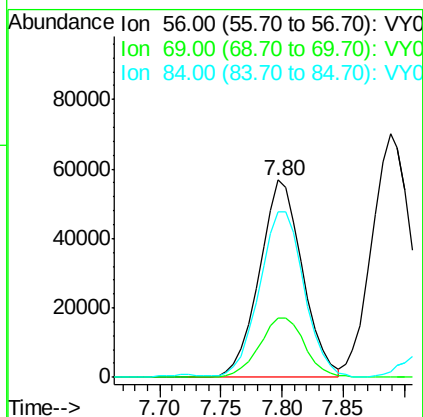
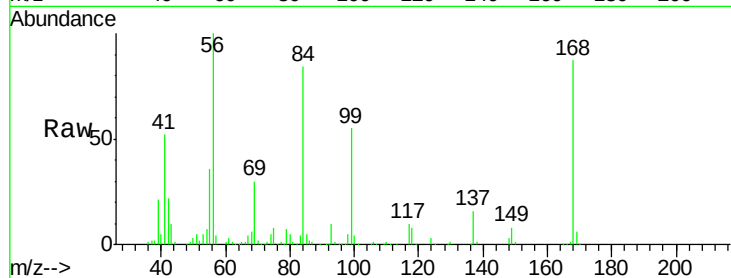
56 100

69 30.3 25.8 38.8

84 82.6 67.1 100.7

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 48.491 ug/l

RT: 7.72 min Scan# 981

Delta R.T. 0.00 min

Lab File: VY002207.D

Acq: 02 Apr 2020 20:49

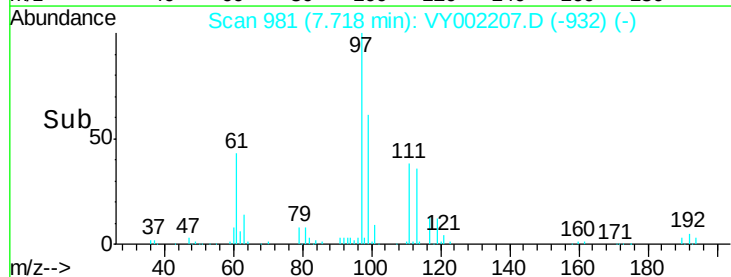
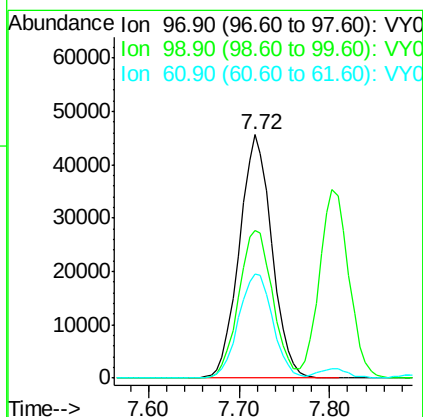
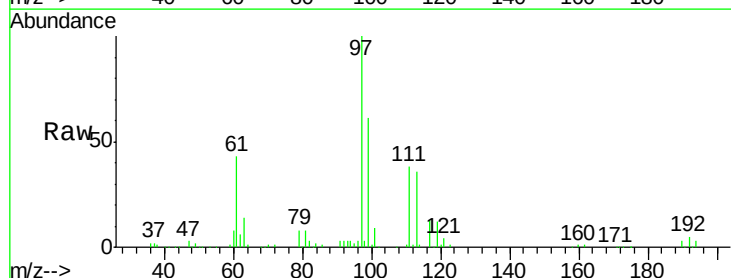
Tgt Ion: 97 Resp: 113450

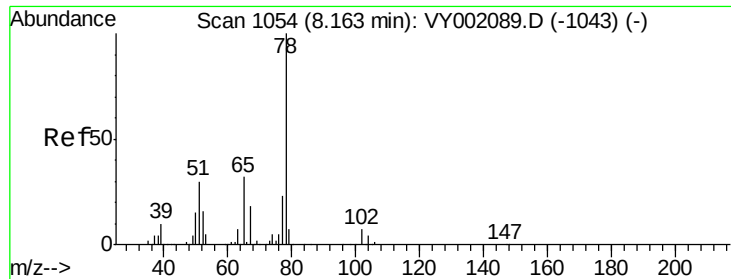
Ion Ratio Lower Upper

97 100

99 63.5 52.0 78.0

61 44.8 35.7 53.5





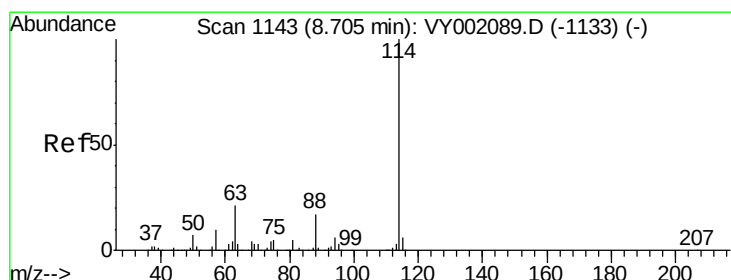
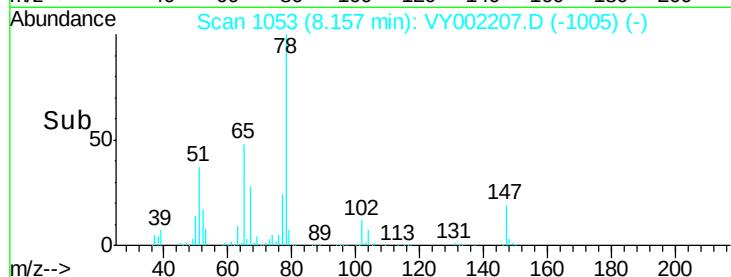
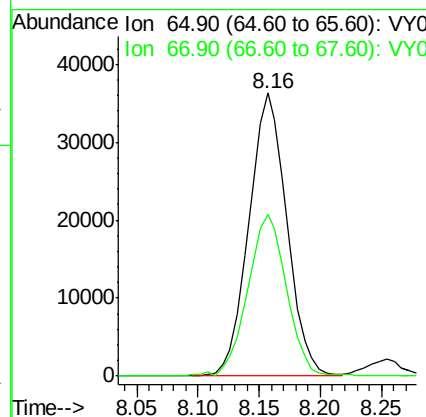
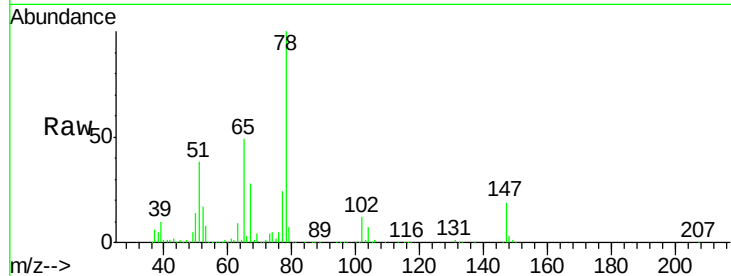
#33
 1,2-Dichloroethane-d4
 Concen: 51.722 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: VY002207.D
 Acq: 02 Apr 2020 20:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	58.7	0.0	112.8

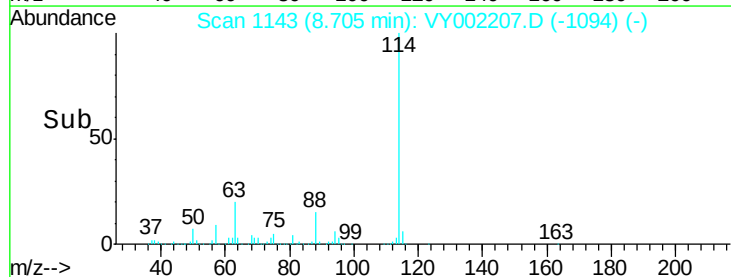
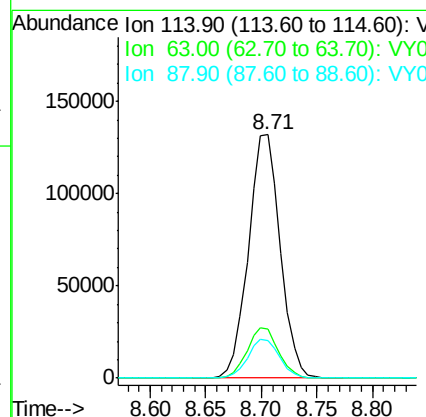
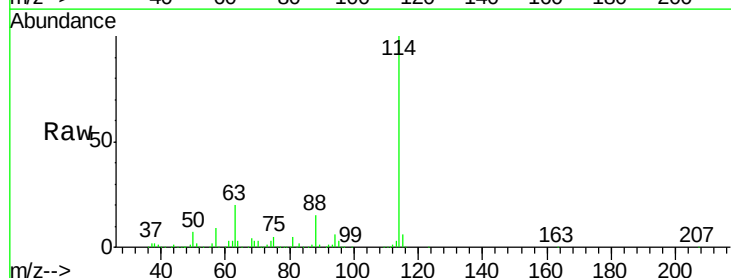
Manual Integrations
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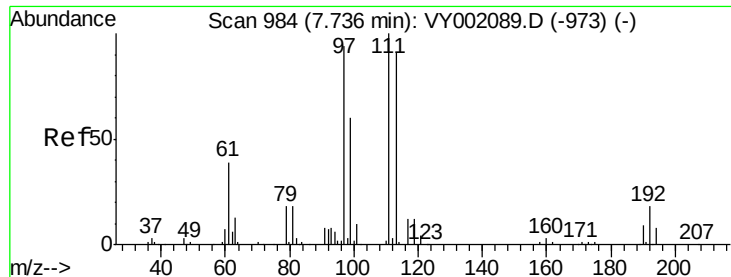
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 4/6/2020 11:28:18 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. 0.00 min
 Lab File: VY002207.D
 Acq: 02 Apr 2020 20:49

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	41.4
88	15.5	0.0	33.0





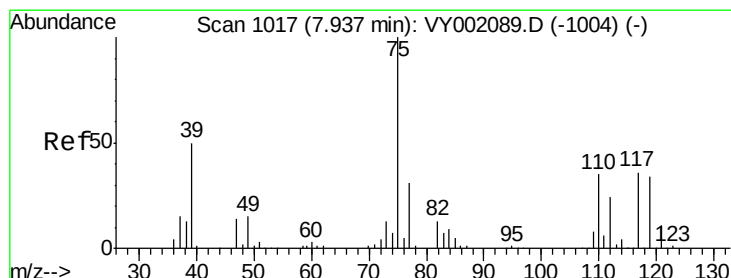
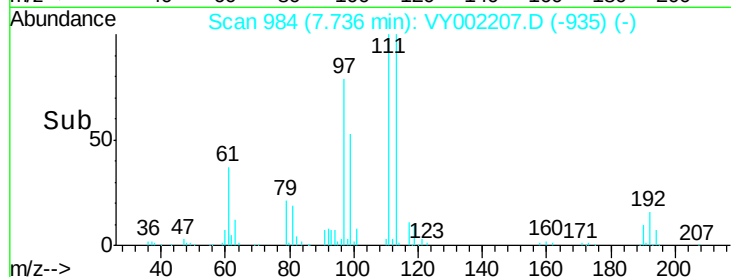
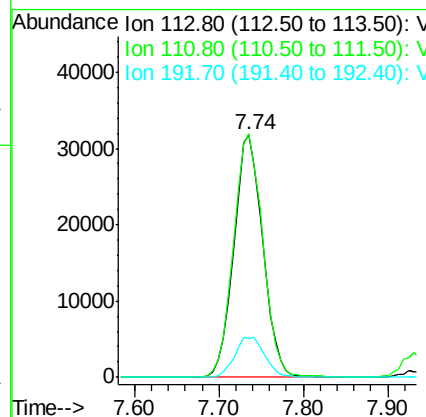
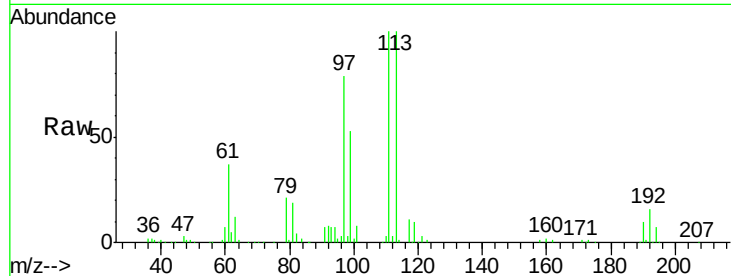
#35
 Dibromofluoromethane
 Concen: 50.447 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. 0.00 min
 Lab File: VY002207.D
 Acq: 02 Apr 2020 20:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.7	84.4	126.6
192	17.2	14.6	21.8

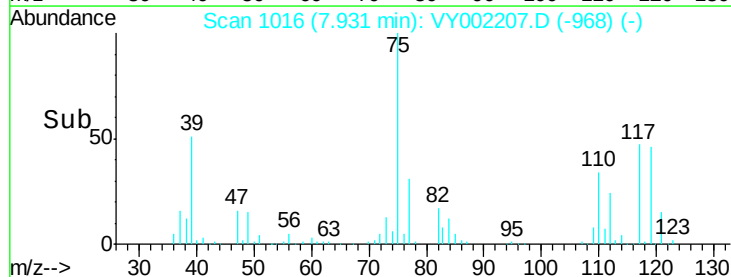
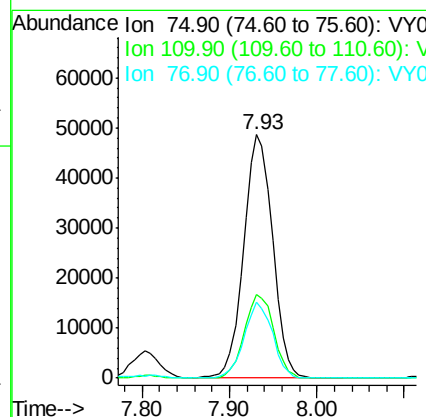
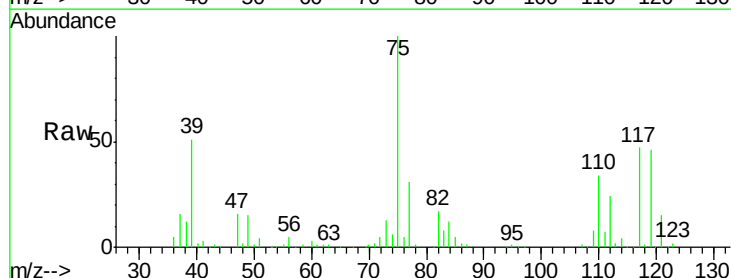
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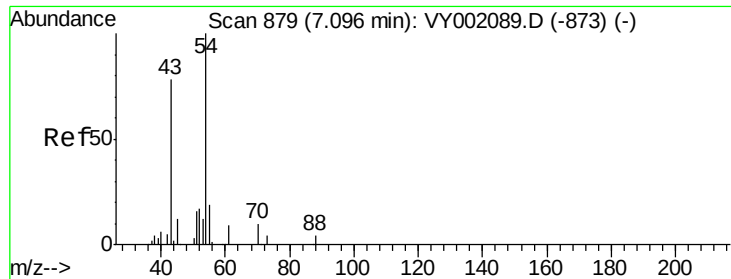
MMDadoda
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#36
 1,1-Dichloropropene
 Concen: 45.241 ug/l
 RT: 7.93 min Scan# 1016
 Delta R.T. -0.01 min
 Lab File: VY002207.D
 Acq: 02 Apr 2020 20:49

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.9	17.2	51.6
77	30.8	24.7	37.1





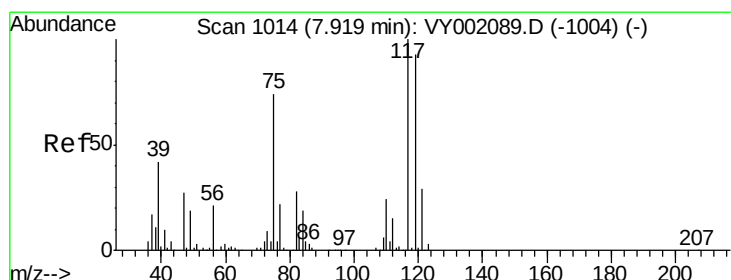
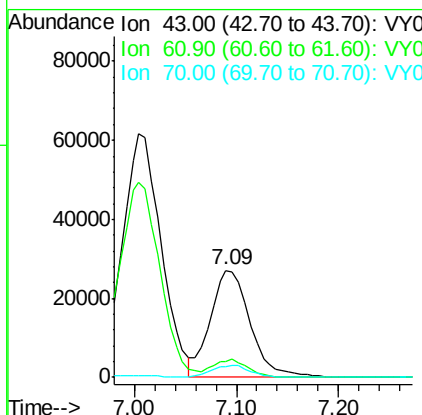
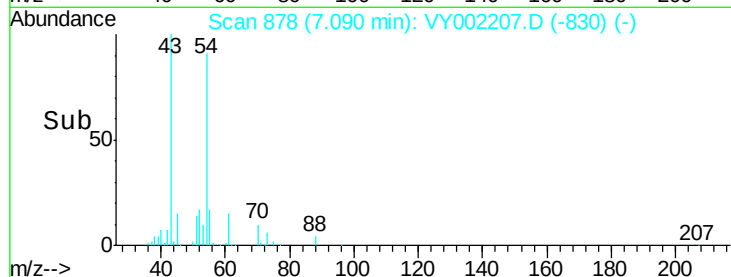
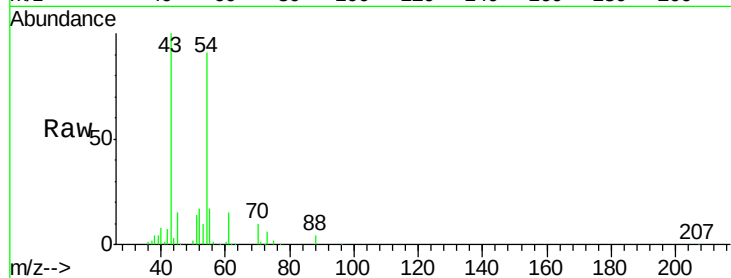
#37
Ethyl Acetate
Concen: 48.902 ug/l
RT: 7.09 min Scan# 878
Delta R.T. -0.01 min
Lab File: VY002207.D
Acq: 02 Apr 2020 20:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.8	11.2	16.8
70	10.7	8.2	12.4

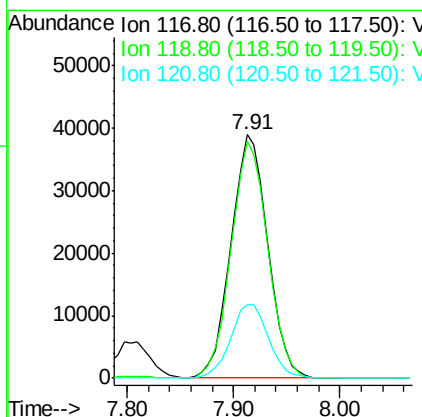
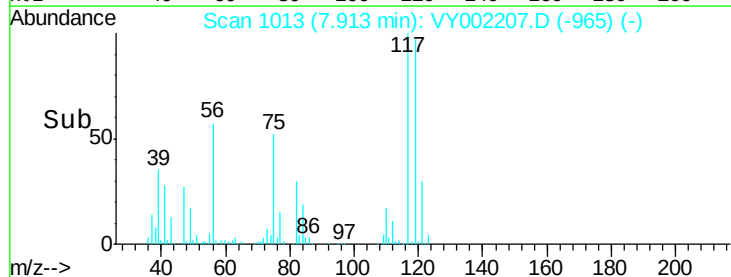
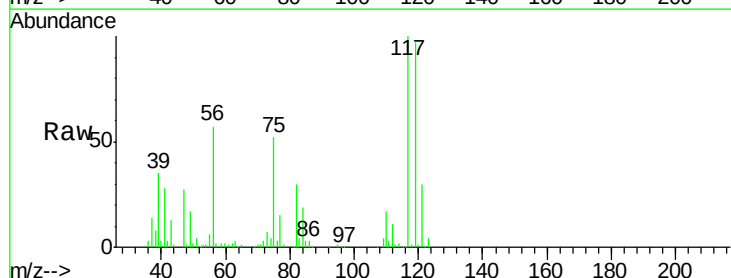
Manual Integrations
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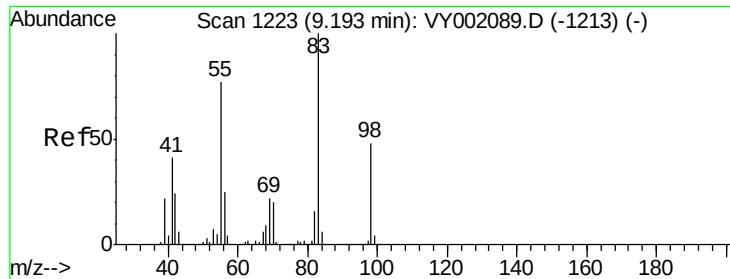
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#38
Carbon Tetrachloride
Concen: 45.081 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. -0.01 min
Lab File: VY002207.D
Acq: 02 Apr 2020 20:49

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.3	74.3	111.5
121	30.1	23.3	34.9





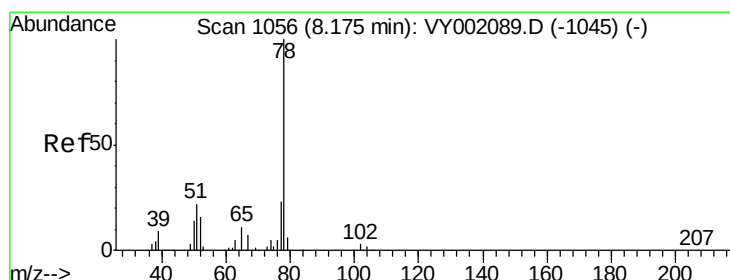
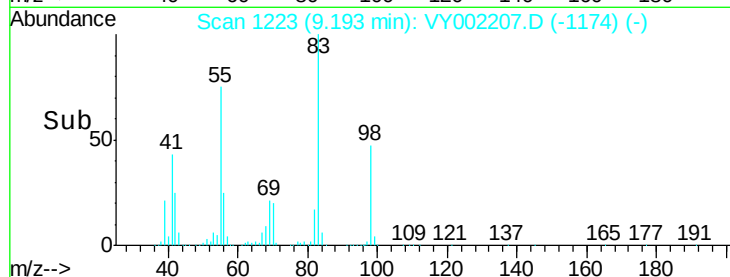
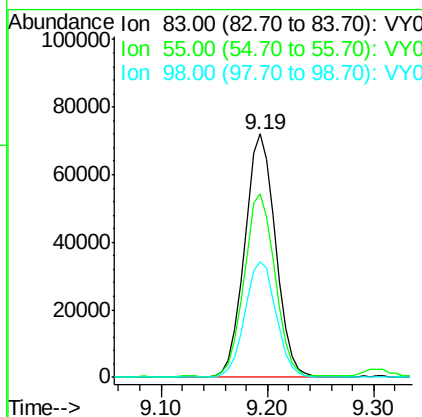
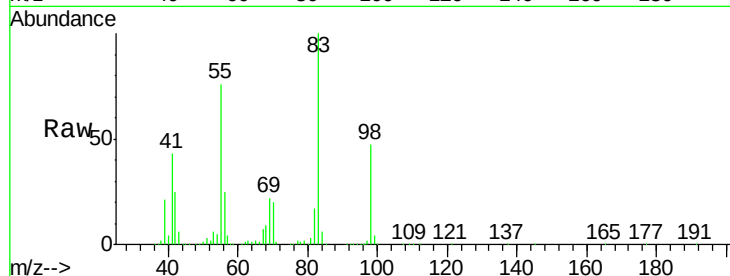
#39
Methylvlcyclohexane
Concen: 45.037 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. 0.00 min
Lab File: VY002207.D
Acq: 02 Apr 2020 20:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	75.2	61.2	91.8	
98	47.4	38.2	57.2	

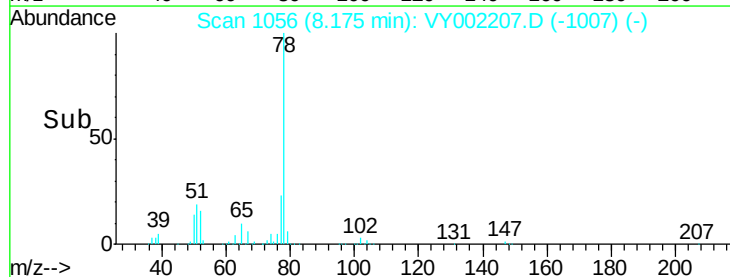
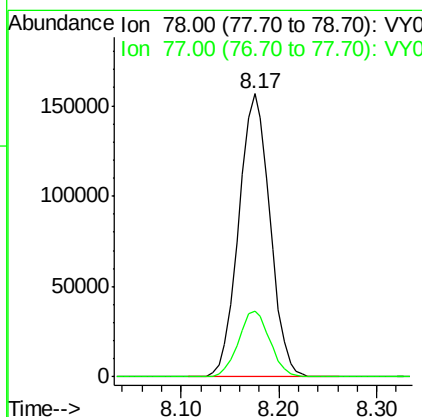
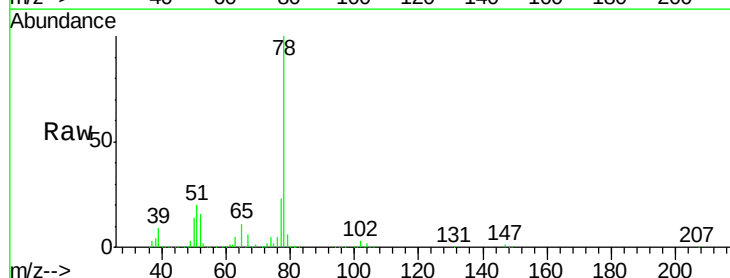
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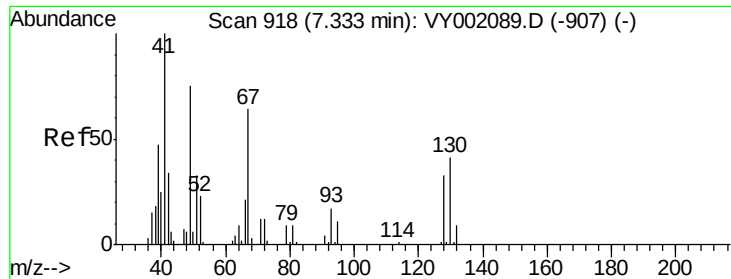
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#40
Benzene
Concen: 47.260 ug/l
RT: 8.17 min Scan# 1056
Delta R.T. 0.00 min
Lab File: VY002207.D
Acq: 02 Apr 2020 20:49

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	23.1	18.2	27.4	





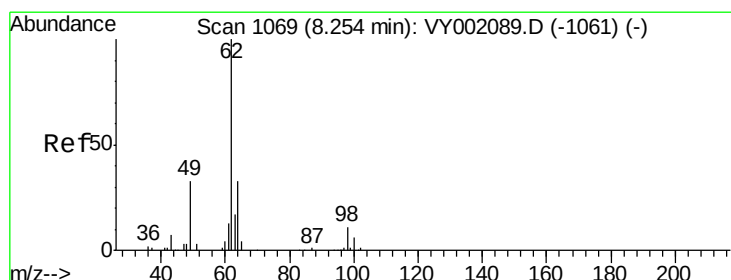
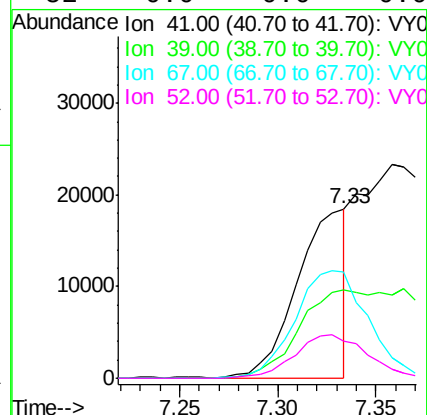
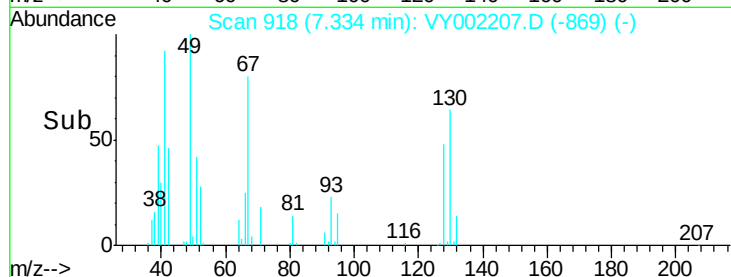
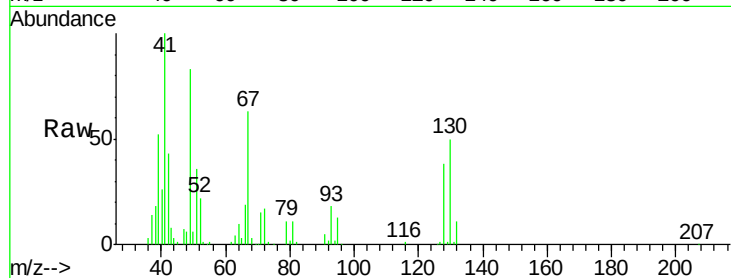
#41
Methacrylonitrile
Concen: 43.489 ug/l m
RT: 7.33 min Scan# 918
Delta R.T. 0.00 min
Lab File: VY002207.D
Acq: 02 Apr 2020 20:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	41	Resp	32881
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

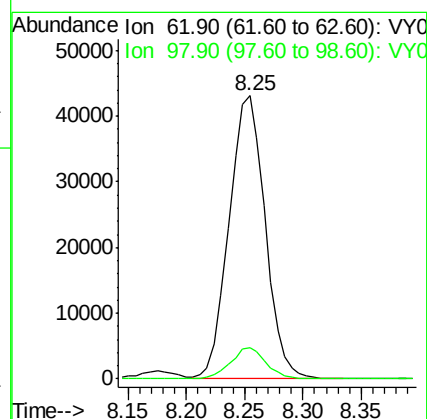
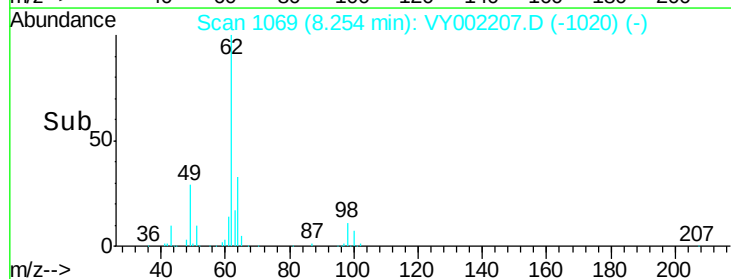
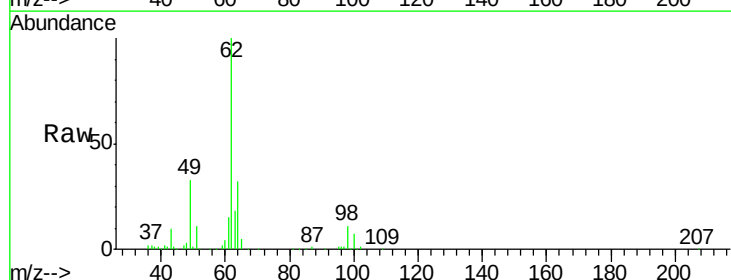
Manual Integrations
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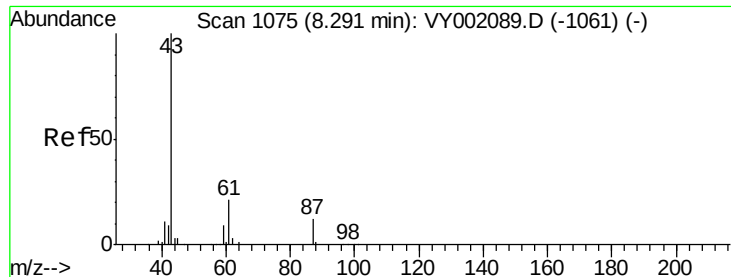
MMDadoda
4/6/2020 11:28:18 AM



#42
1,2-Dichloroethane
Concen: 47.836 ug/l
RT: 8.25 min Scan# 1069
Delta R.T. 0.00 min
Lab File: VY002207.D
Acq: 02 Apr 2020 20:49

Tgt Ion	62	Resp	93051
Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	21.2





#43

Isopropyl Acetate

Concen: 50.267 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VY002207.D

Acq: 02 Apr 2020 20:49

Instrument :

MSVOA_Y

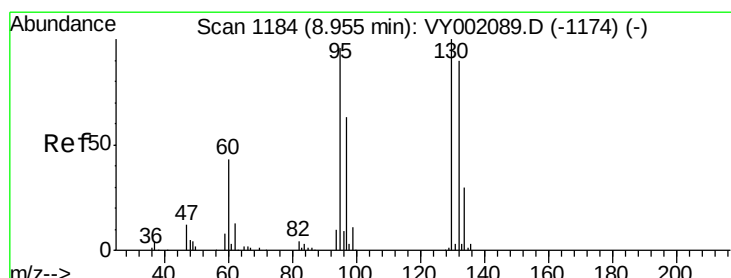
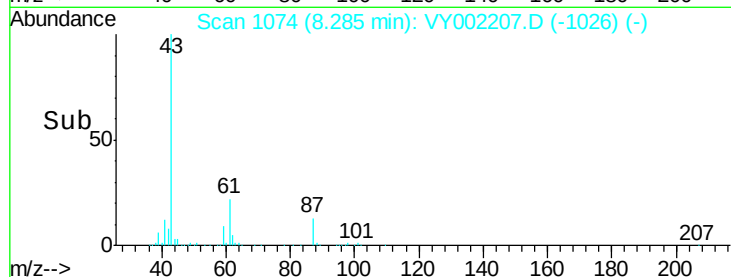
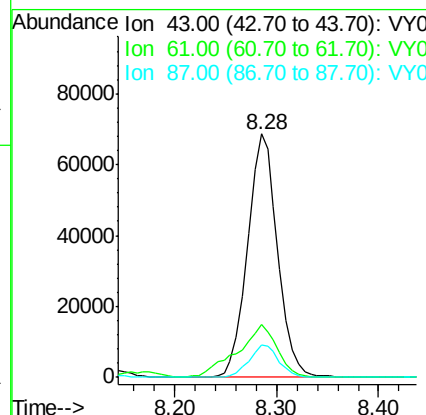
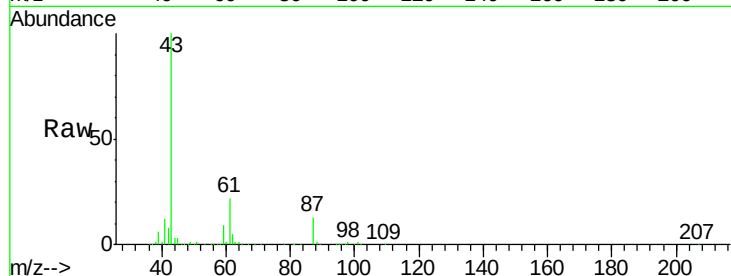
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	139457
Ion	Ratio	Lower	Upper
43	100		
61	29.0	23.4	35.2
87	13.3	10.2	15.4

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#44

Trichloroethene

Concen: 46.820 ug/l

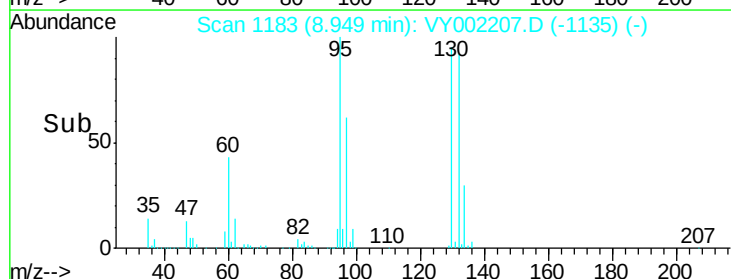
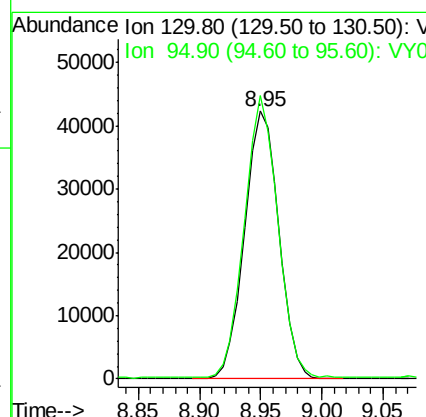
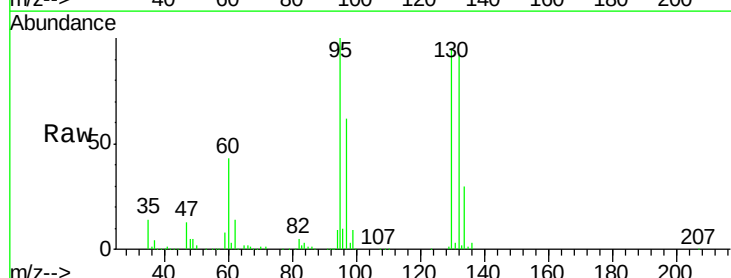
RT: 8.95 min Scan# 1183

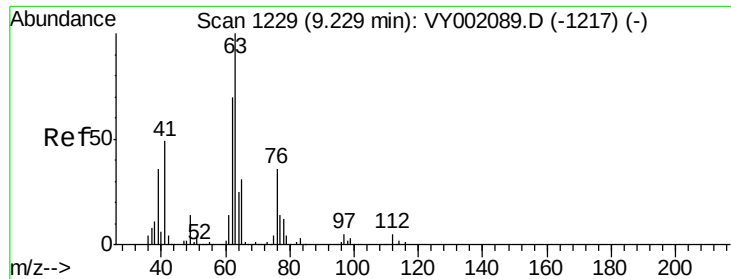
Delta R.T. -0.01 min

Lab File: VY002207.D

Acq: 02 Apr 2020 20:49

Tgt Ion:	130	Resp:	82692
Ion	Ratio	Lower	Upper
130	100		
95	105.0	0.0	193.0





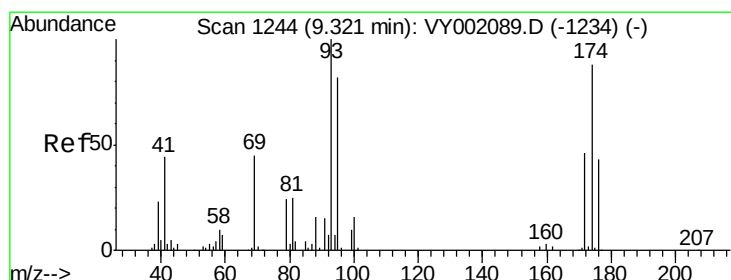
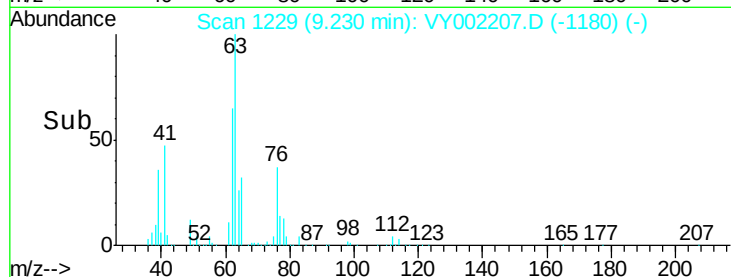
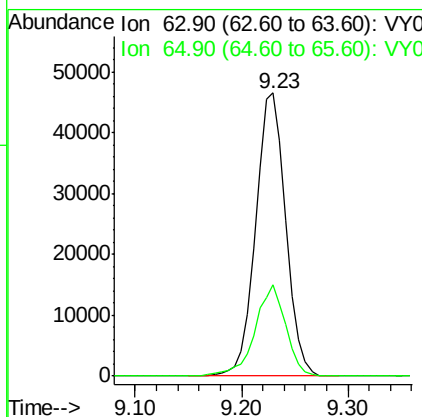
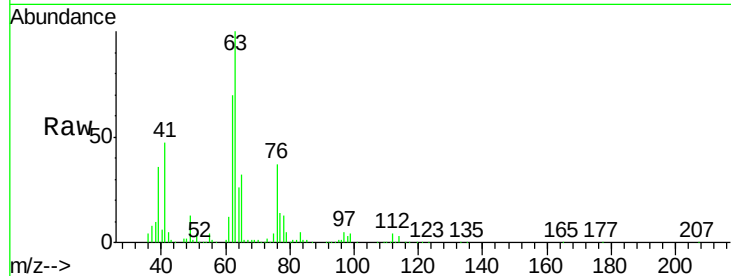
#45
 1,2-Dichloropropane
 Concen: 49.278 ug/l
 RT: 9.23 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: VY002207.D
 Acq: 02 Apr 2020 20:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 91931
 Ion Ratio Lower Upper
 63 100
 65 32.4 25.0 37.6

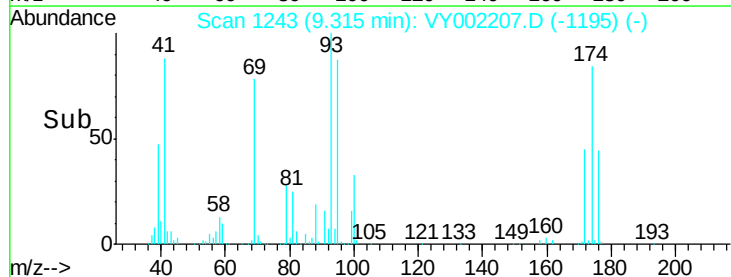
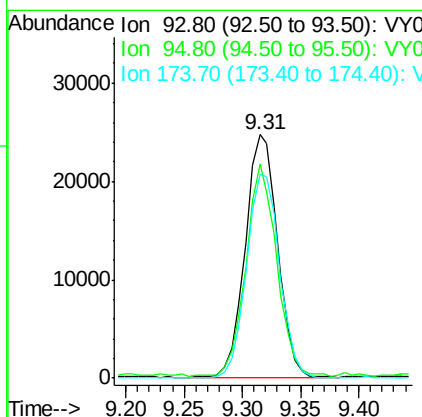
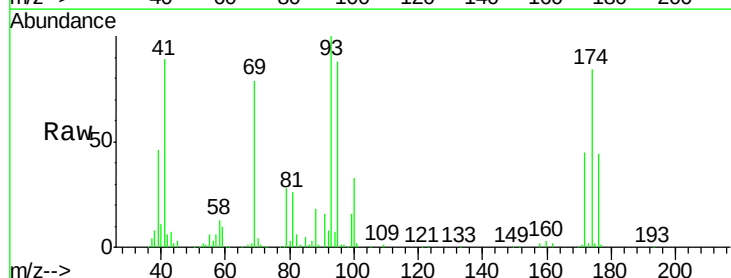
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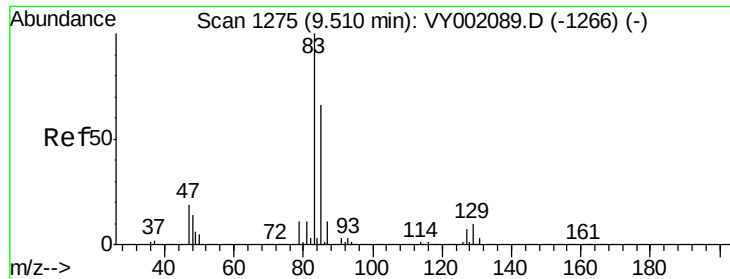
MMDadoda
 4/6/2020 11:28:18 AM



#46
 Dibromomethane
 Concen: 49.900 ug/l
 RT: 9.31 min Scan# 1243
 Delta R.T. -0.01 min
 Lab File: VY002207.D
 Acq: 02 Apr 2020 20:49

Tgt Ion: 93 Resp: 47808
 Ion Ratio Lower Upper
 93 100
 95 83.2 66.0 99.0
 174 86.0 69.8 104.8





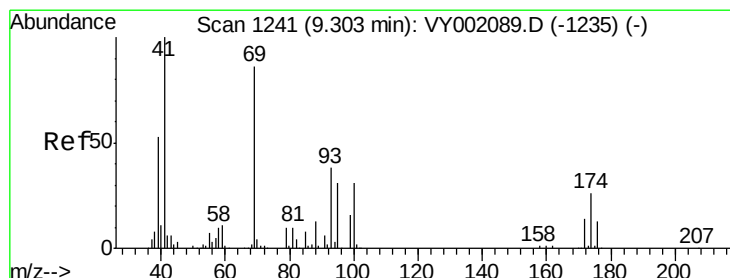
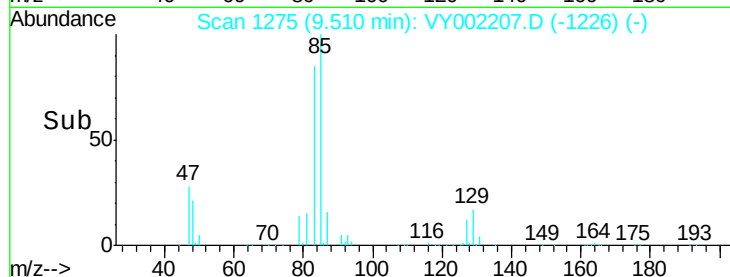
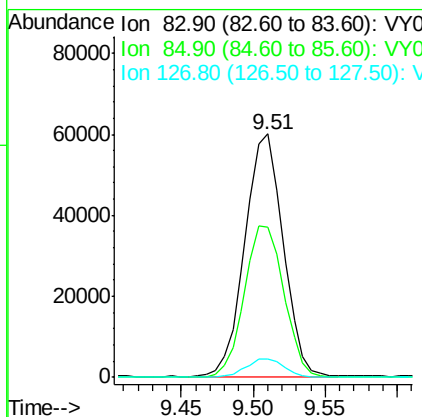
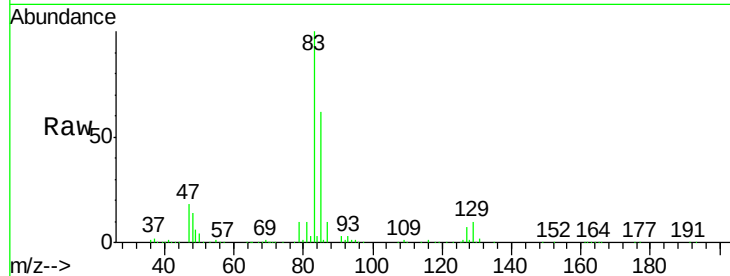
#47
Bromodichloromethane
Concen: 49.331 ug/l
RT: 9.51 min Scan# 1275
Delta R.T. 0.00 min
Lab File: VY002207.D
Acq: 02 Apr 2020 20:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	83	Resp	110026
Ion Ratio	100	Lower	Upper
83	100		
85	62.2	52.6	79.0
127	7.5	5.9	8.9

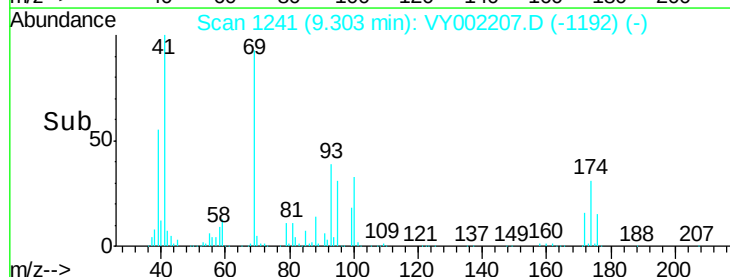
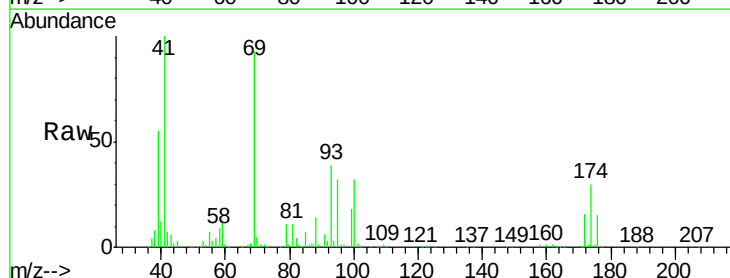
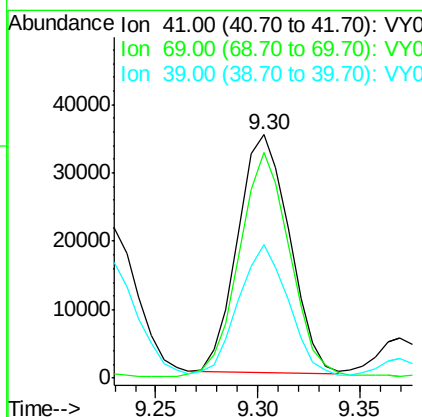
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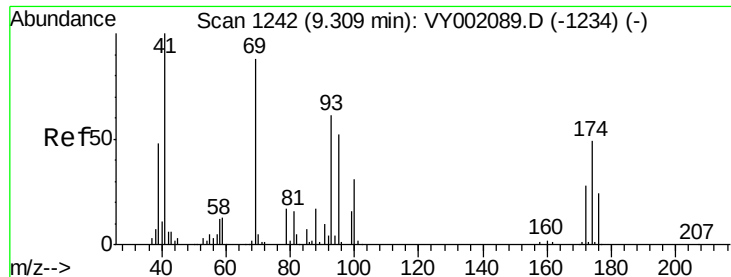
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#48
Methyl methacrylate
Concen: 49.474 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VY002207.D
Acq: 02 Apr 2020 20:49

Tgt Ion	41	Resp	61509
Ion Ratio	100	Lower	Upper
41	100		
69	92.4	71.4	107.0
39	54.7	41.0	61.4





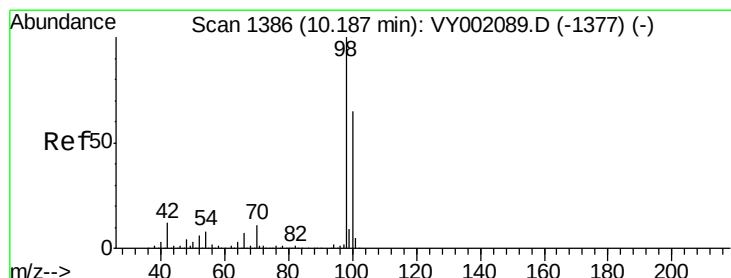
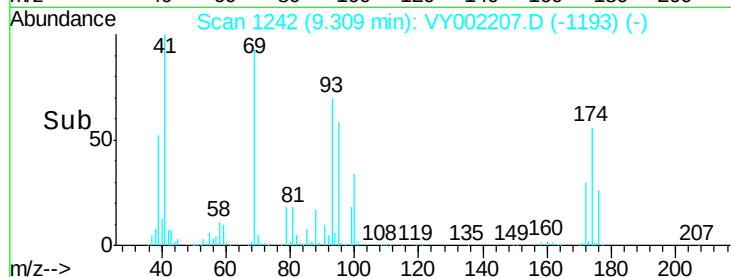
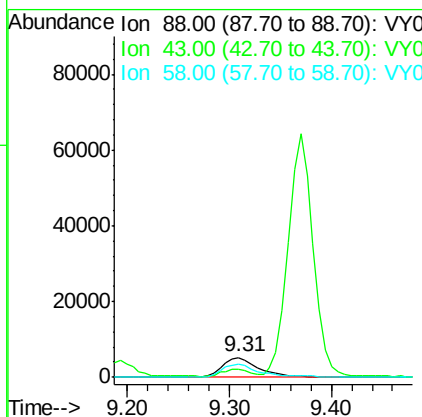
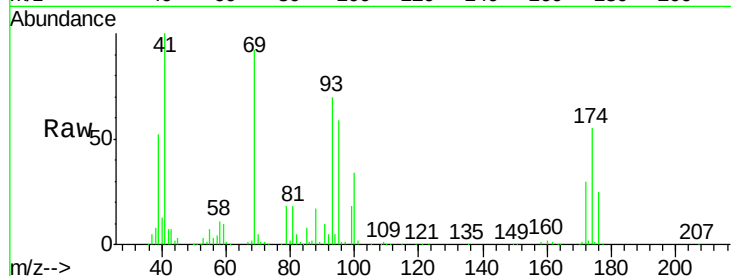
#49
1,4-Dioxane
Concen: 996.636 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.00 min
Lab File: VY002207.D
Acq: 02 Apr 2020 20:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	88	Resp	13103
Ion	Ratio	Lower	Upper
88	100		
43	29.6	27.2	40.8
58	64.8	59.8	89.8

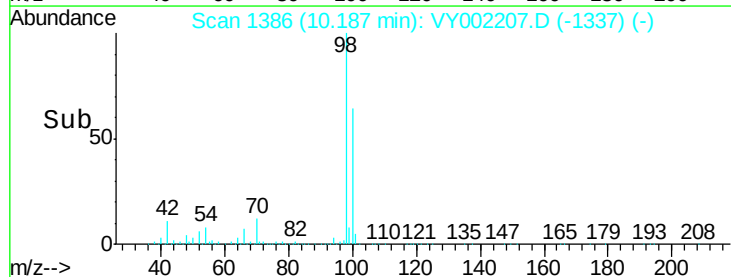
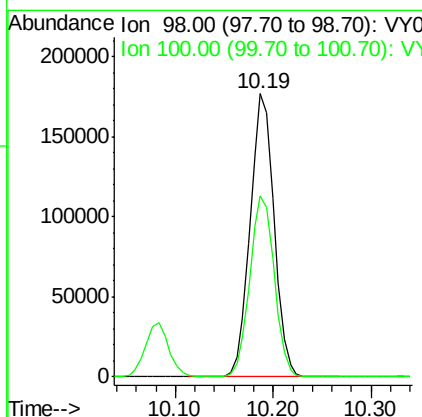
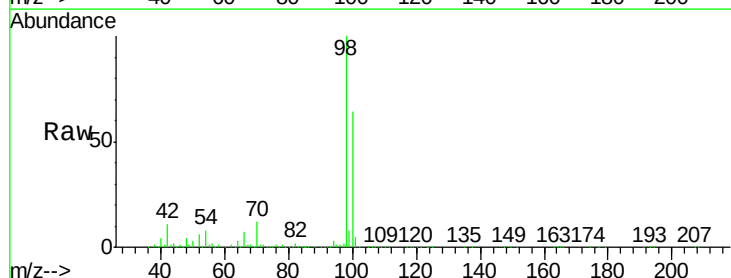
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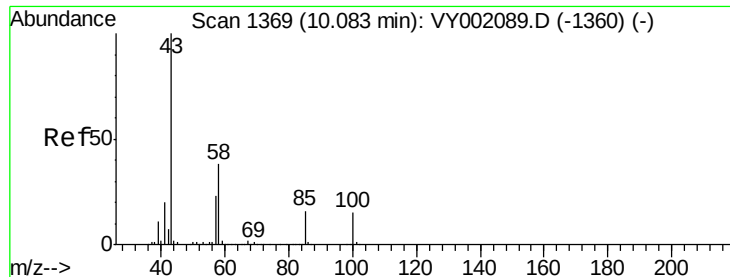
MMDadoda
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#50
Toluene-d8
Concen: 49.254 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. 0.00 min
Lab File: VY002207.D
Acq: 02 Apr 2020 20:49

Tgt Ion	98	Resp	299817
Ion	Ratio	Lower	Upper
98	100		
100	65.4	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 262.042 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. -0.01 min

Lab File: VY002207.D

Acq: 02 Apr 2020 20:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 374341

Ion Ratio Lower Upper

43 100

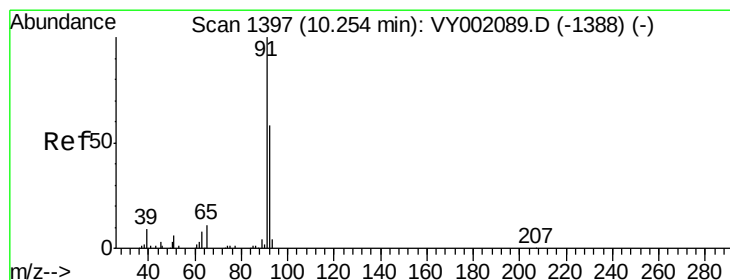
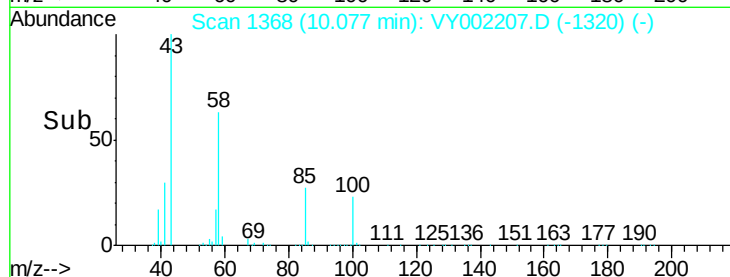
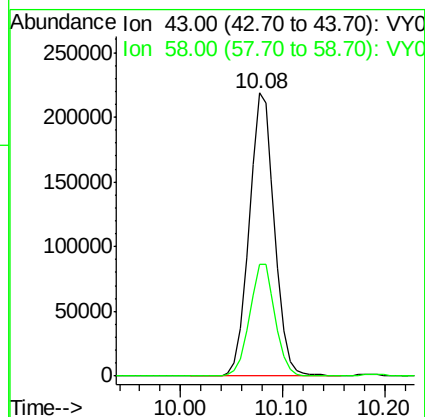
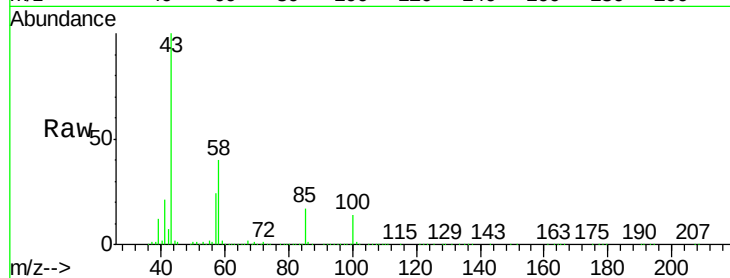
58 40.4 31.6 47.4

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#52

Toluene

Concen: 47.609 ug/l

RT: 10.25 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VY002207.D

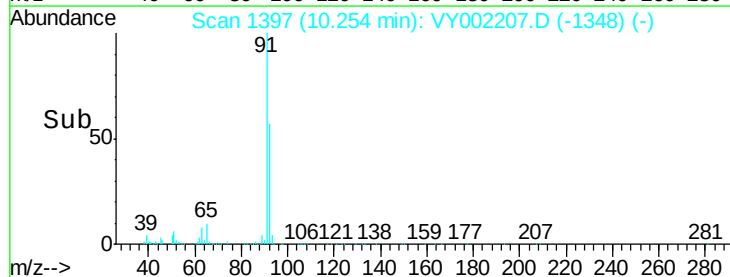
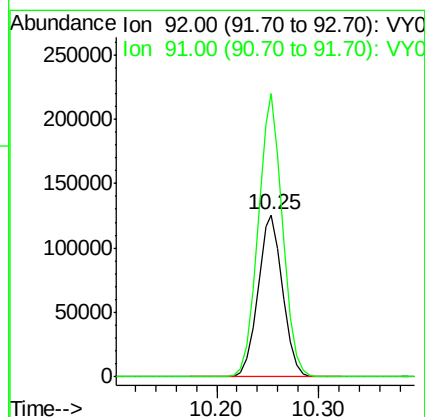
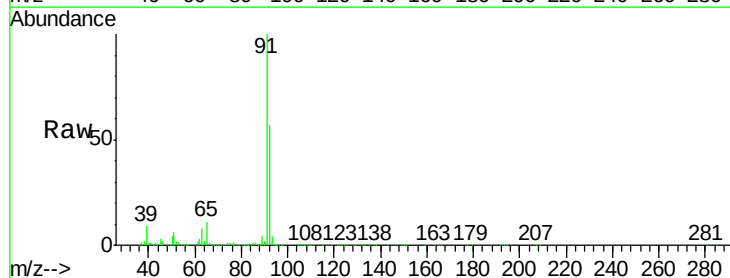
Acq: 02 Apr 2020 20:49

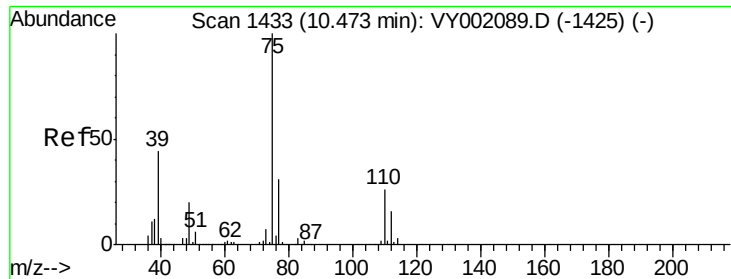
Tgt Ion: 92 Resp: 210979

Ion Ratio Lower Upper

92 100

91 172.3 139.3 208.9





#53

t-1,3-Dichloropropene

Concen: 48.712 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. 0.00 min

Lab File: VY002207.D

Acq: 02 Apr 2020 20:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 120589

Ion Ratio Lower Upper

75 100

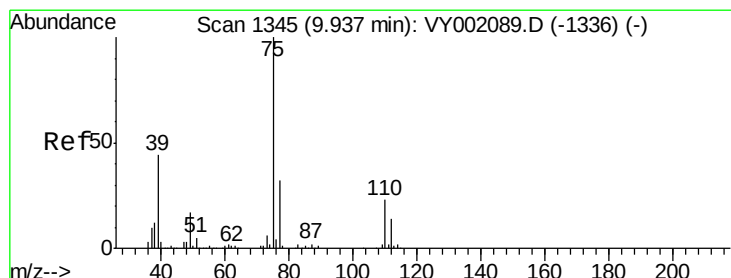
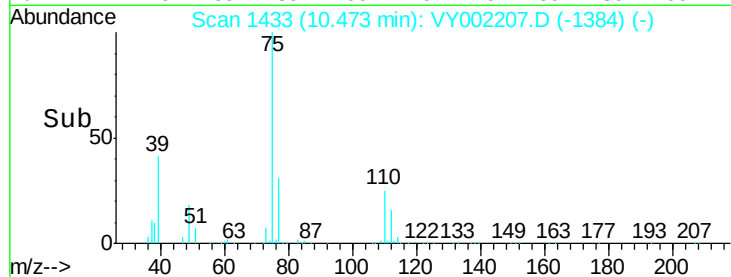
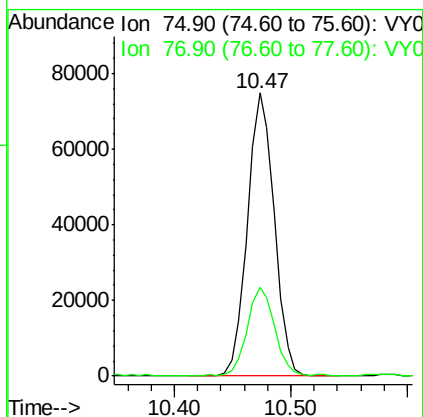
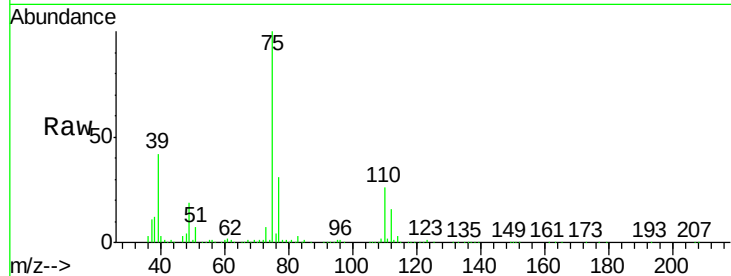
77 31.0 25.2 37.8

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 49.119 ug/l

RT: 9.94 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VY002207.D

Acq: 02 Apr 2020 20:49

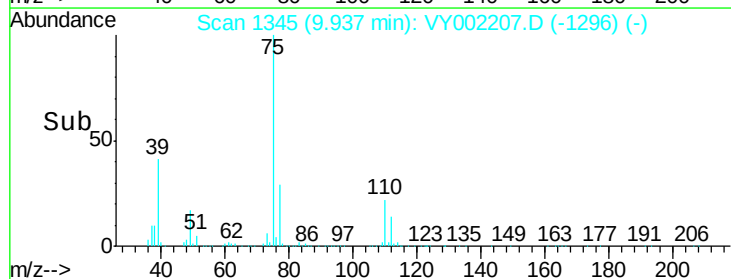
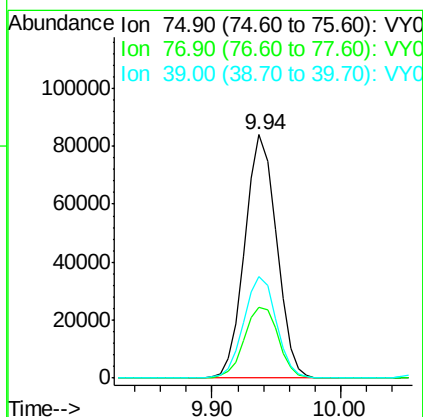
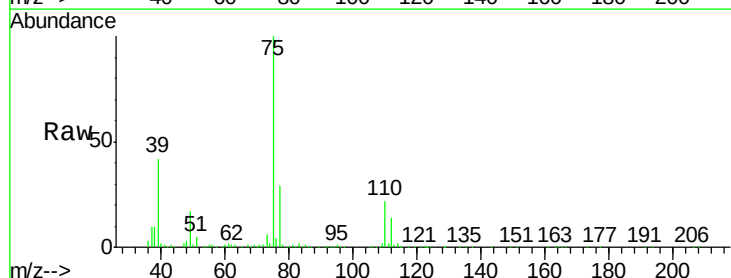
Tgt Ion: 75 Resp: 143163

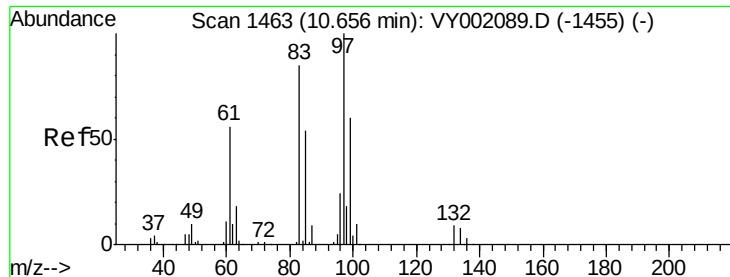
Ion Ratio Lower Upper

75 100

77 29.0 25.6 38.4

39 41.8 35.2 52.8





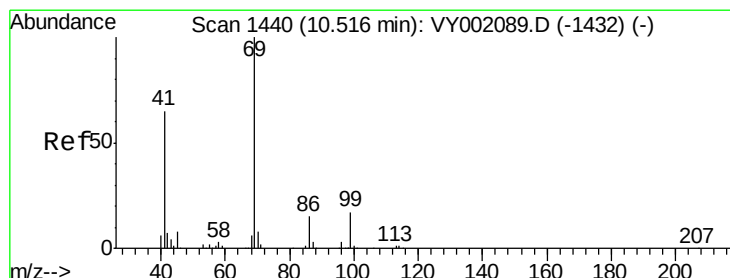
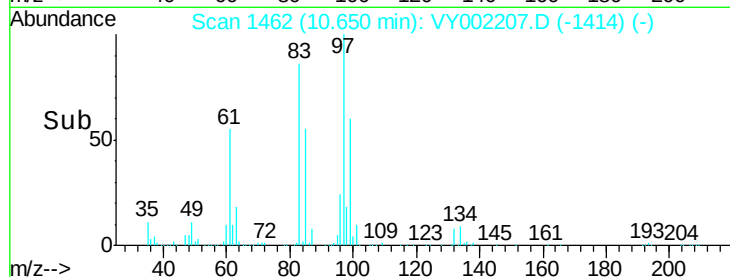
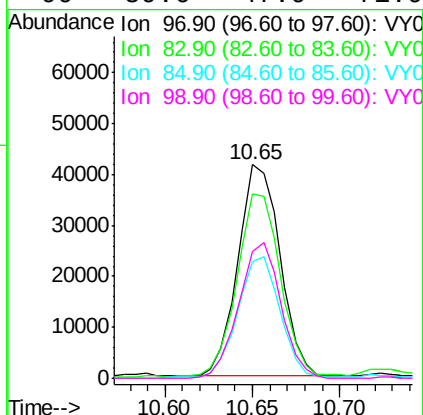
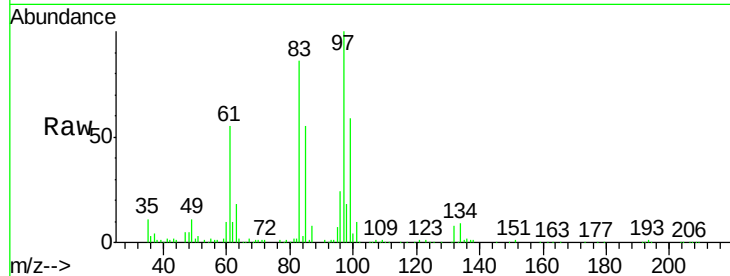
#55
 1,1,2-Trichloroethane
 Concen: 49.196 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: VY002207.D
 Acq: 02 Apr 2020 20:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	69760
Ion	Ratio	Lower	Upper
97	100		
83	86.0	68.2	102.2
85	54.7	42.9	64.3
99	59.6	47.9	71.9

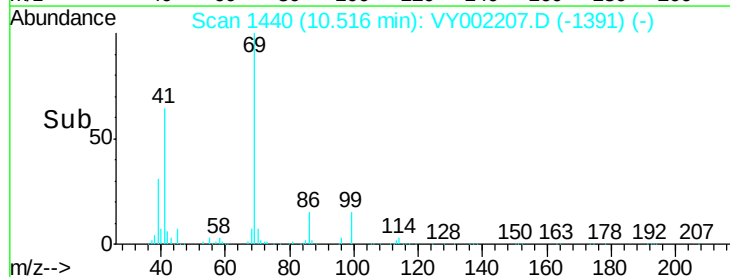
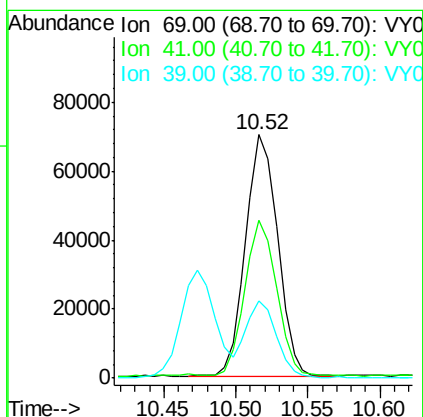
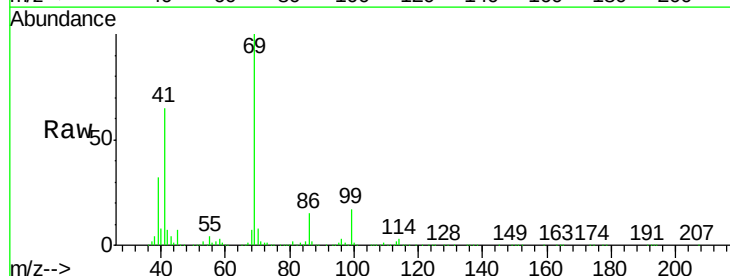
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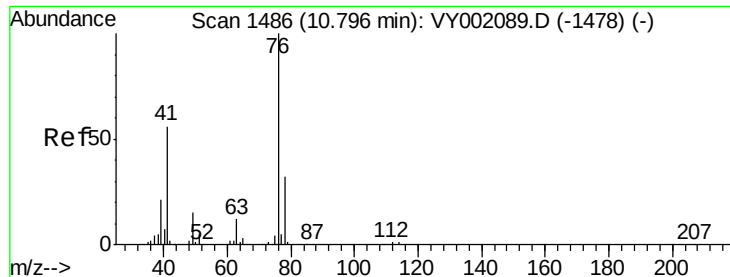
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#56
 Ethyl methacrylate
 Concen: 52.504 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VY002207.D
 Acq: 02 Apr 2020 20:49

Tgt Ion:	69	Resp:	108741
Ion	Ratio	Lower	Upper
69	100		
41	63.1	52.8	79.2
39	29.9	25.0	37.6





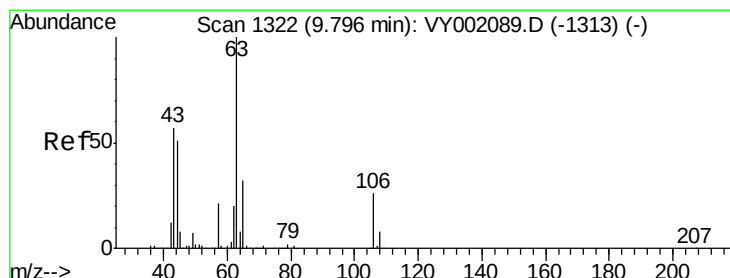
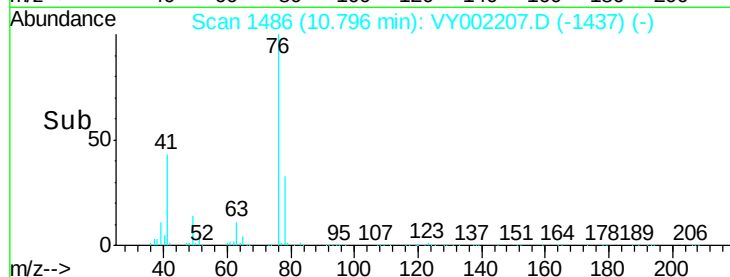
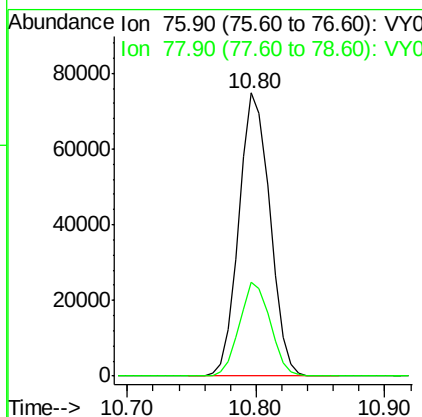
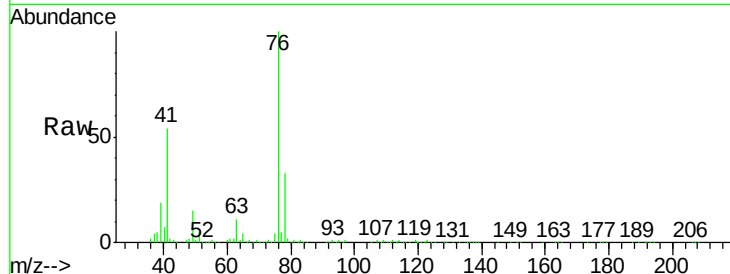
#57
 1,3-Dichloropropane
 Concen: 49.794 ug/l
 RT: 10.80 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VY002207.D
 Acq: 02 Apr 2020 20:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 124750
 Ion Ratio Lower Upper
 76 100
 78 32.9 26.1 39.1

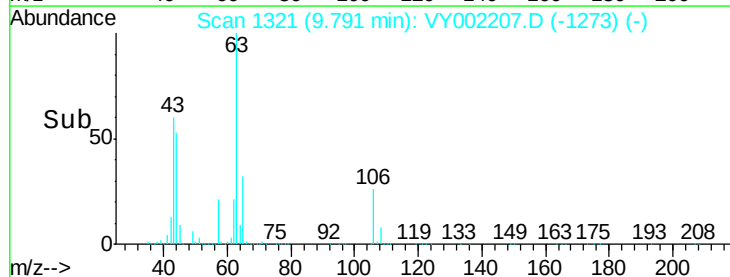
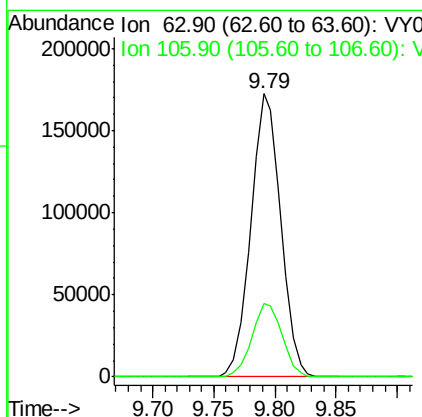
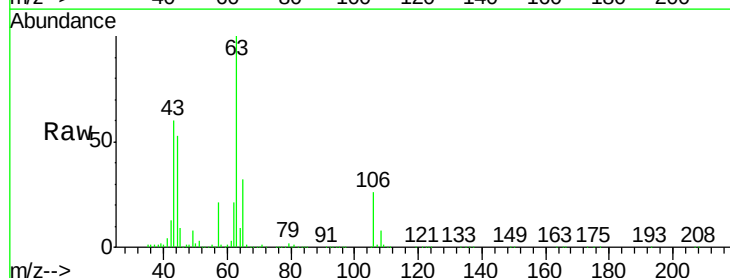
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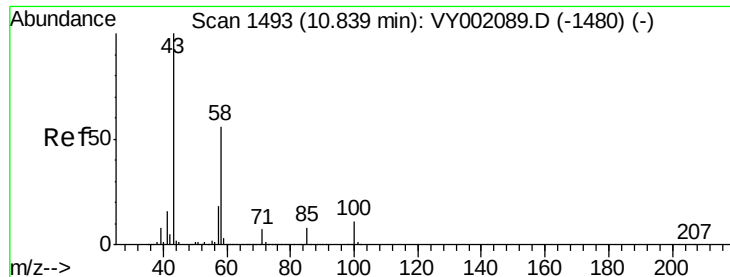
MMDadoda
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#58
 2-Chloroethyl Vinyl ether
 Concen: 275.635 ug/l
 RT: 9.79 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: VY002207.D
 Acq: 02 Apr 2020 20:49

Tgt Ion: 63 Resp: 293335
 Ion Ratio Lower Upper
 63 100
 106 26.2 21.0 31.4





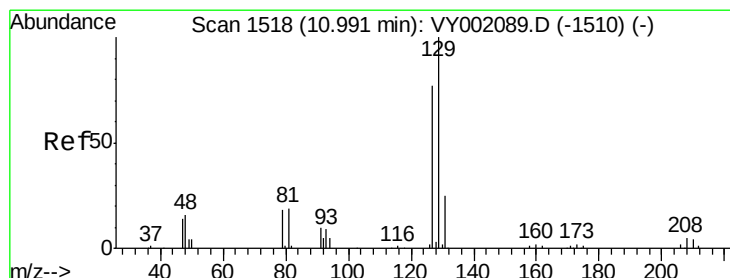
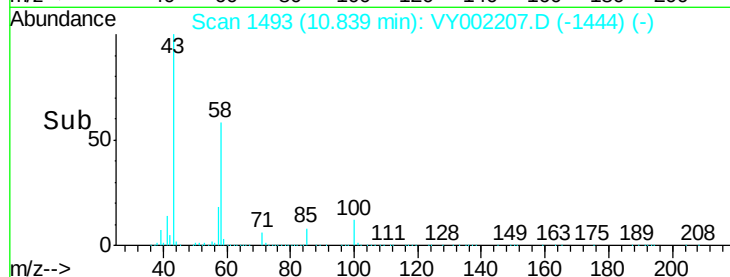
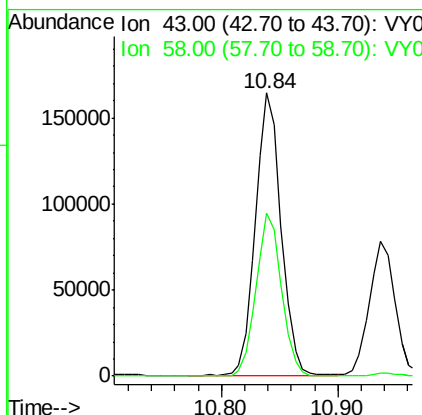
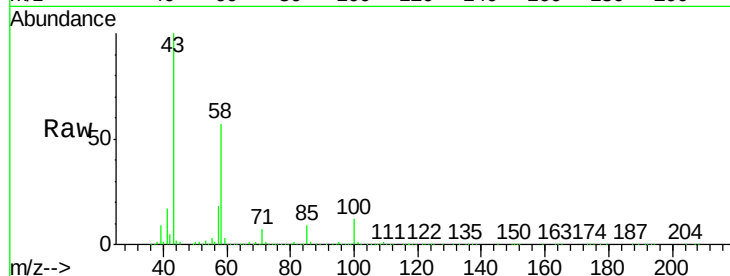
#59
2-Hexanone
Concen: 249.919 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VY002207.D
Acq: 02 Apr 2020 20:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 251493
Ion Ratio Lower Upper
43 100
58 57.3 27.9 83.6

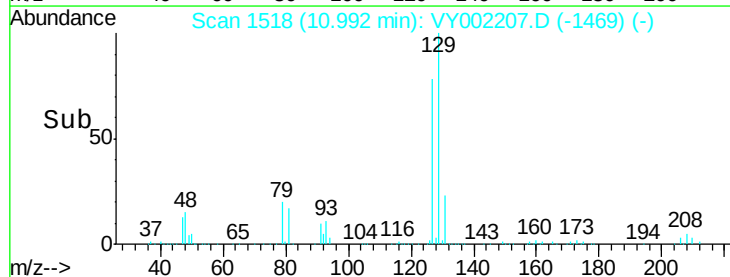
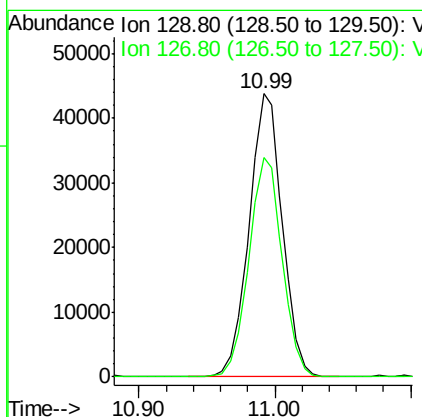
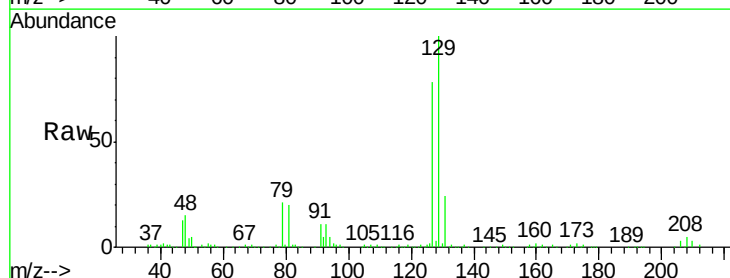
Manual Integrations
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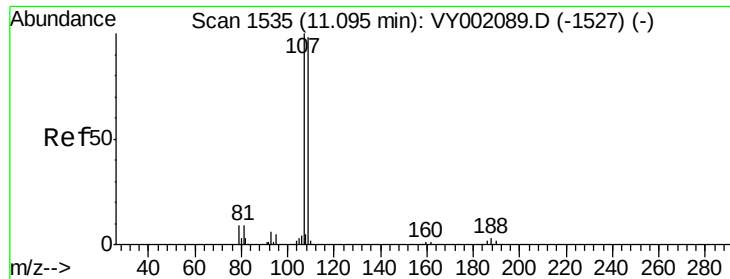
MMDadoda
4/6/2020 11:28:18 AM



#60
Dibromochloromethane
Concen: 50.170 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VY002207.D
Acq: 02 Apr 2020 20:49

Tgt Ion: 129 Resp: 74443
Ion Ratio Lower Upper
129 100
127 77.9 38.7 116.1





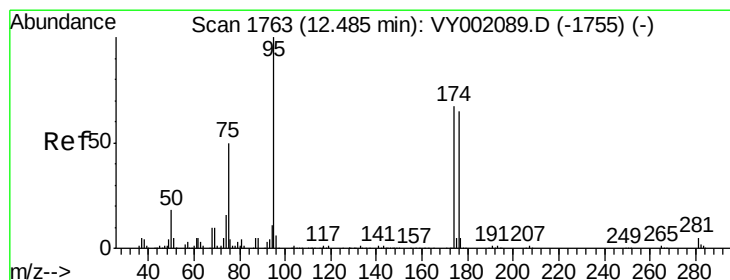
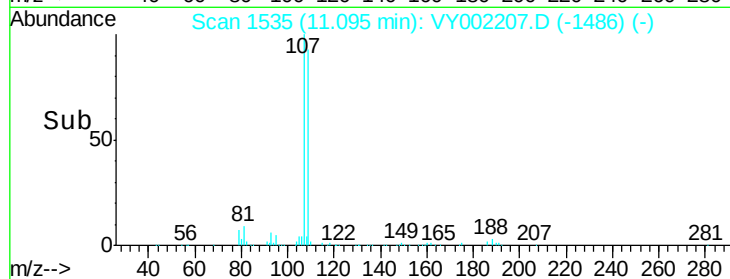
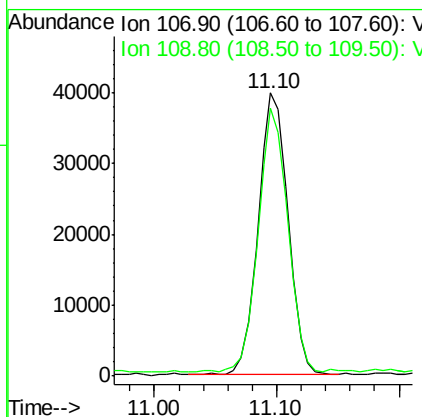
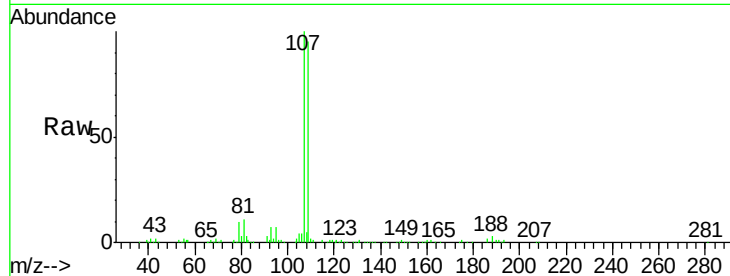
#61
 1,2-Dibromoethane
 Concen: 51.056 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VY002207.D
 Acq: 02 Apr 2020 20:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:107 Resp: 67763
 Ion Ratio Lower Upper
 107 100
 109 92.2 76.3 114.5

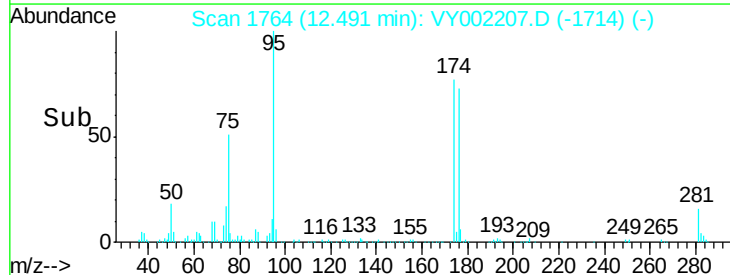
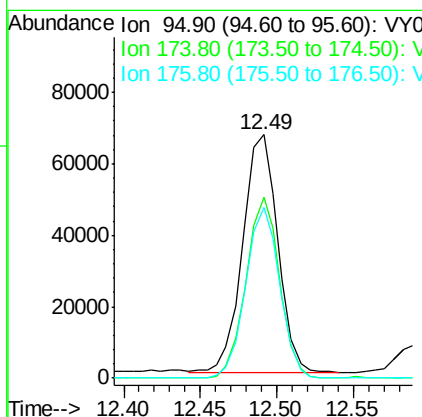
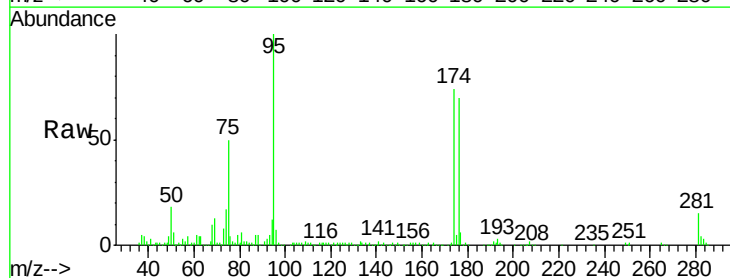
Manual Integrations
 APPROVED

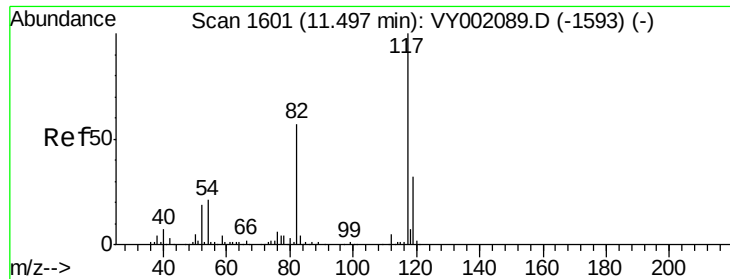
MMDadoda
 4/6/2020 11:28:18 AM



#62
 4-Bromofluorobenzene
 Concen: 49.831 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.01 min
 Lab File: VY002207.D
 Acq: 02 Apr 2020 20:49

Tgt Ion: 95 Resp: 106084
 Ion Ratio Lower Upper
 95 100
 174 72.9 0.0 143.4
 176 69.3 0.0 137.0





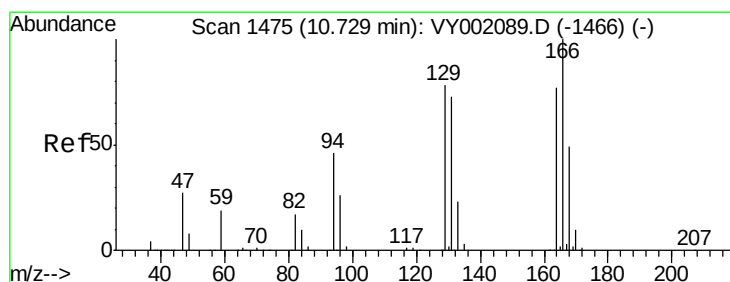
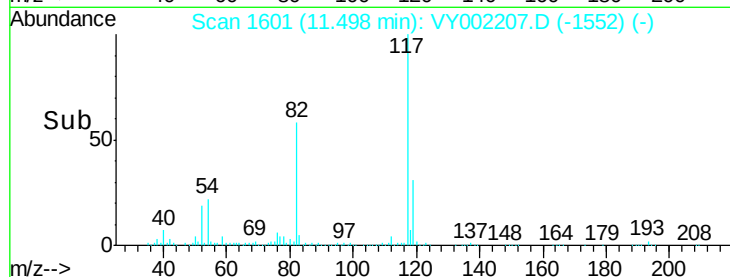
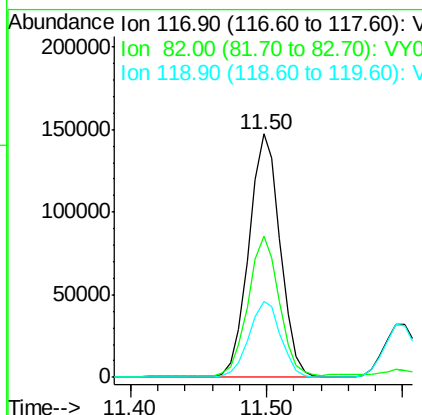
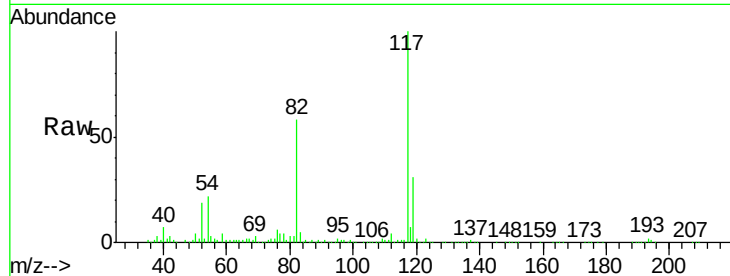
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY002207.D
Acq: 02 Apr 2020 20:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.5	45.4	68.2
119	31.3	25.3	37.9

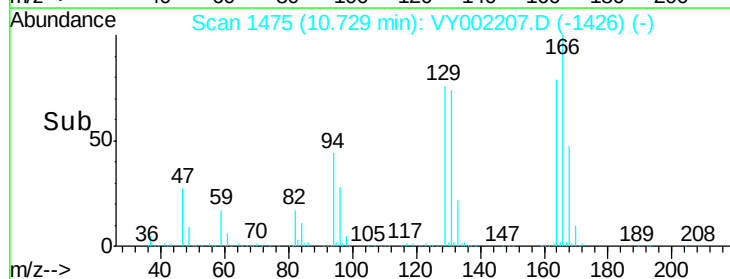
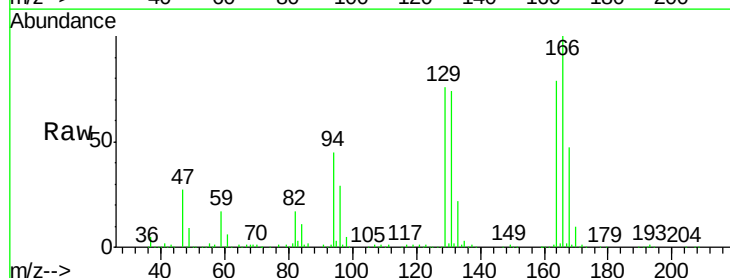
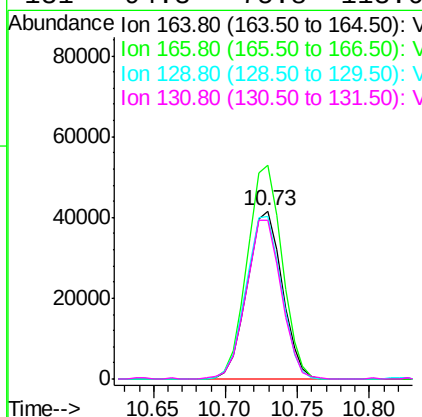
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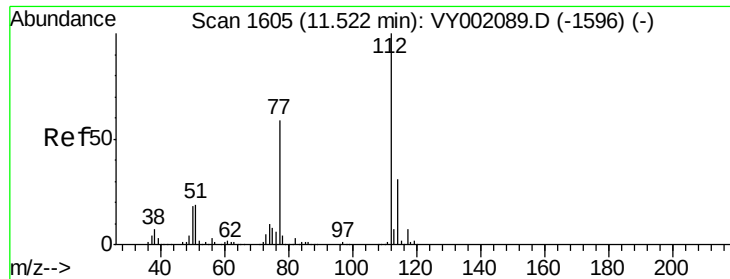
MMDadoda
4/6/2020 11:28:18 AM



#64
Tetrachloroethene
Concen: 48.196 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. 0.00 min
Lab File: VY002207.D
Acq: 02 Apr 2020 20:49

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.1	104.0	156.0
129	97.0	81.2	121.8
131	94.3	75.8	113.6





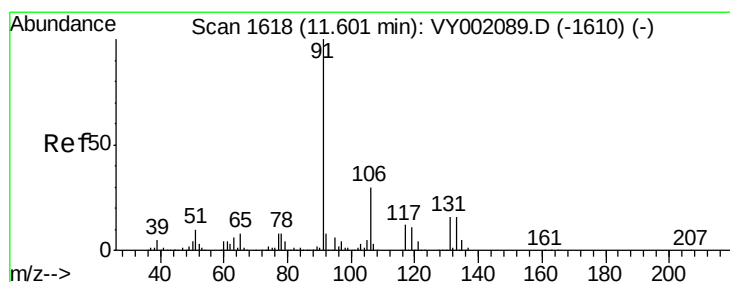
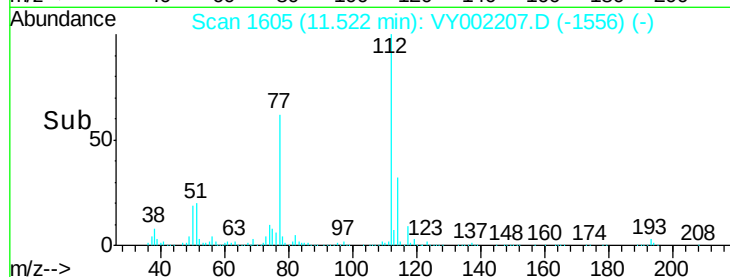
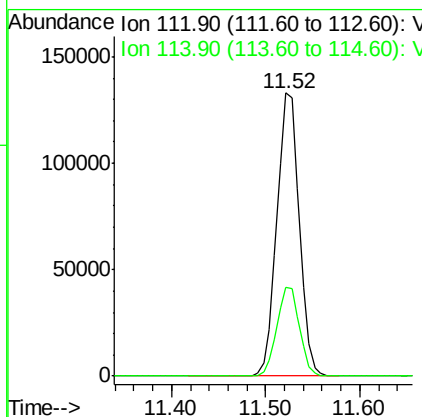
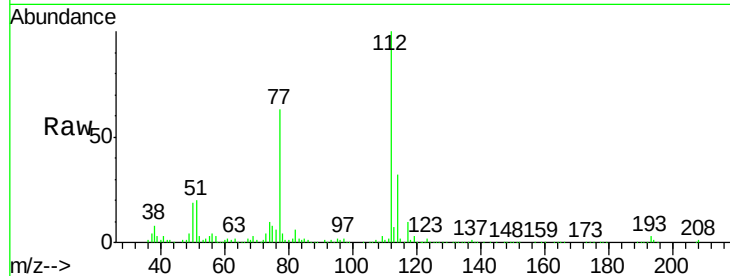
#65
Chlorobenzene
Concen: 48.212 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VY002207.D
Acq: 02 Apr 2020 20:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.5	24.9	37.3

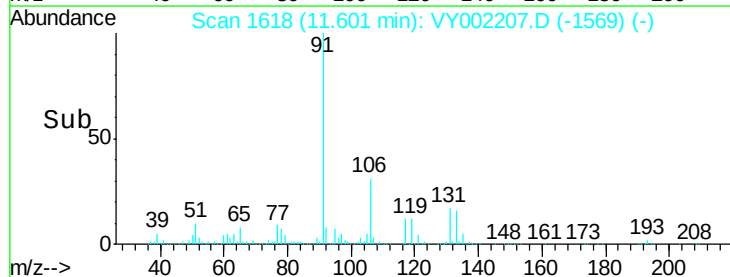
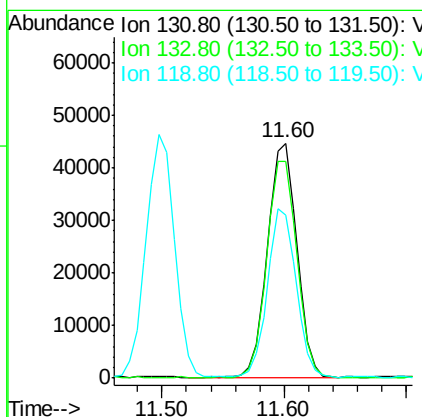
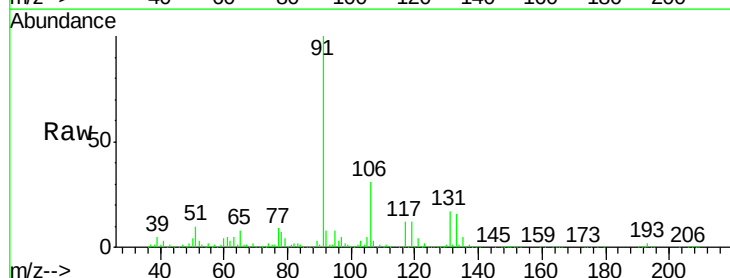
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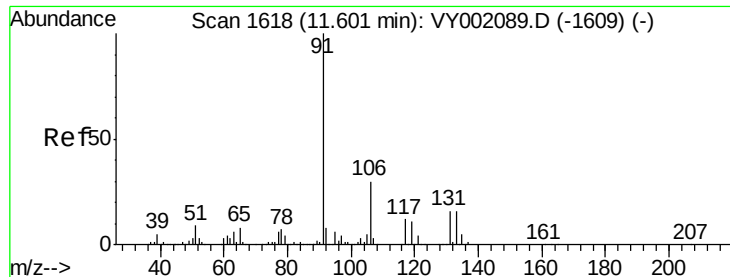
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 48.680 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY002207.D
Acq: 02 Apr 2020 20:49

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.1	47.5	142.5
119	70.1	34.6	103.9





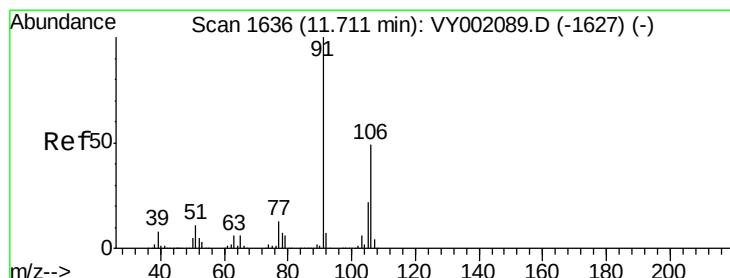
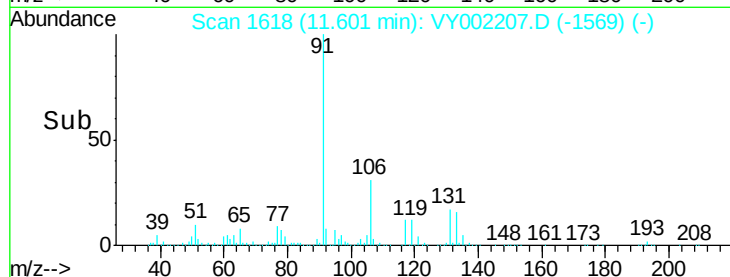
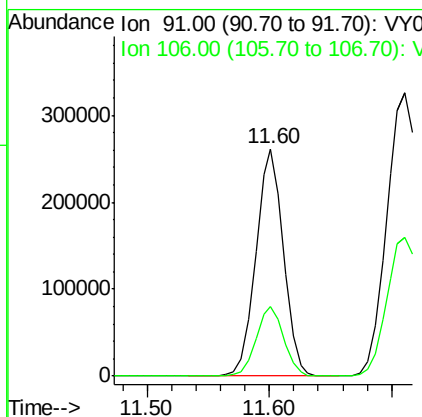
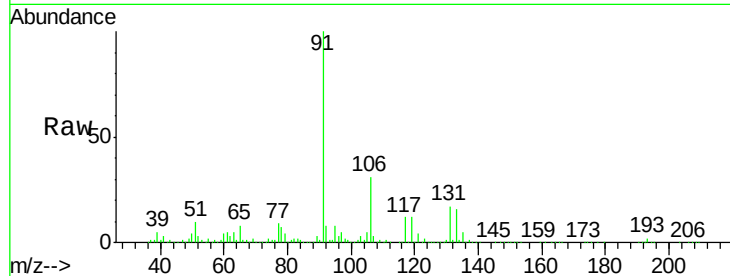
#67
Ethyl Benzene
Concen: 47.941 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY002207.D
Acq: 02 Apr 2020 20:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 406395
Ion Ratio Lower Upper
91 100
106 30.7 24.1 36.1

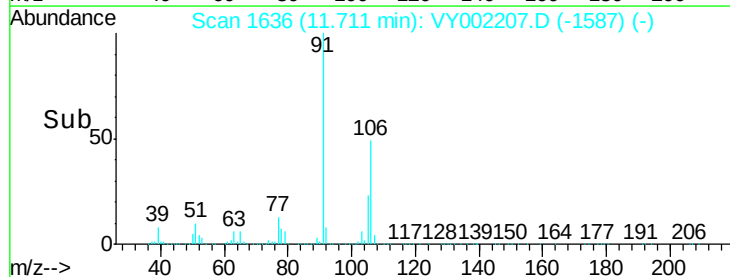
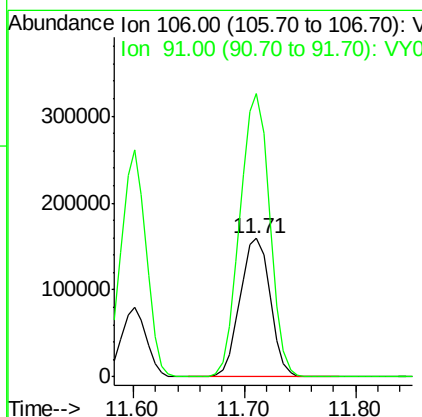
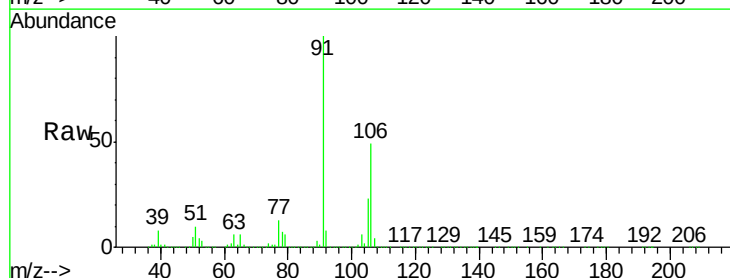
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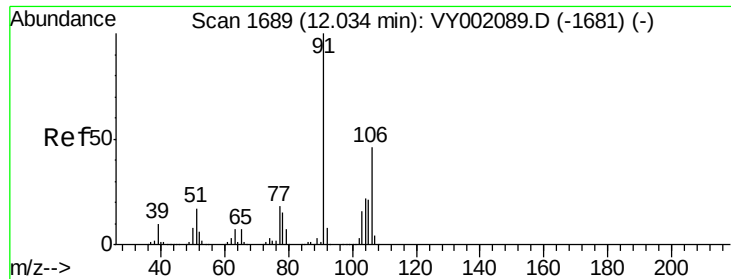
MMDadoda
4/6/2020 11:28:18 AM



#68
m/p-Xylenes
Concen: 95.512 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VY002207.D
Acq: 02 Apr 2020 20:49

Tgt Ion: 106 Resp: 299360
Ion Ratio Lower Upper
106 100
91 201.6 162.8 244.2





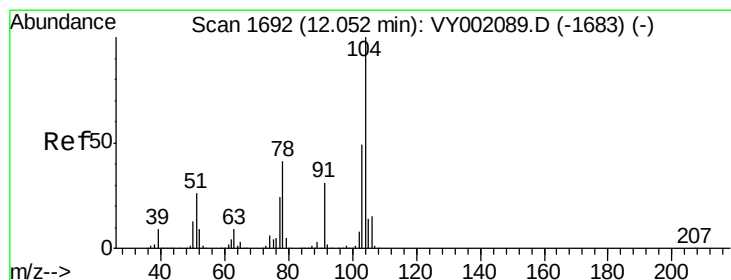
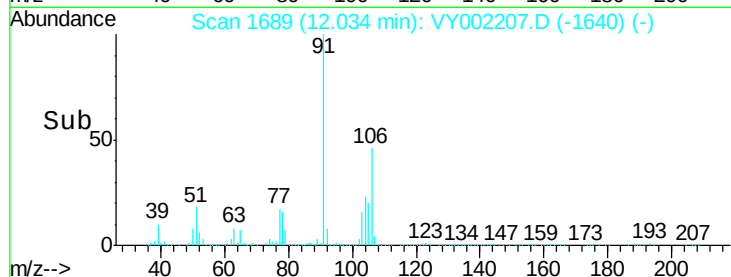
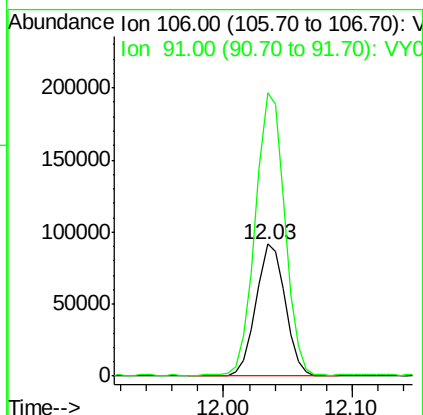
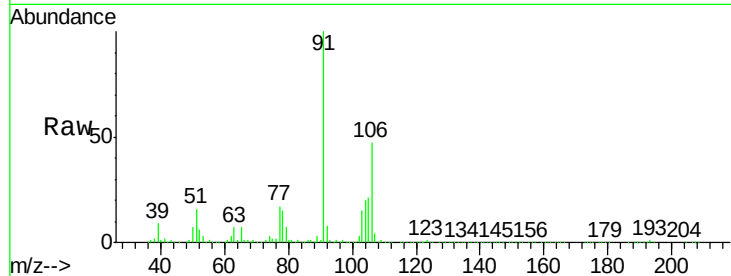
#69
o-Xylene
Concen: 48.056 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VY002207.D
Acq: 02 Apr 2020 20:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	142880		
91	91	215.2	107.3	321.8	

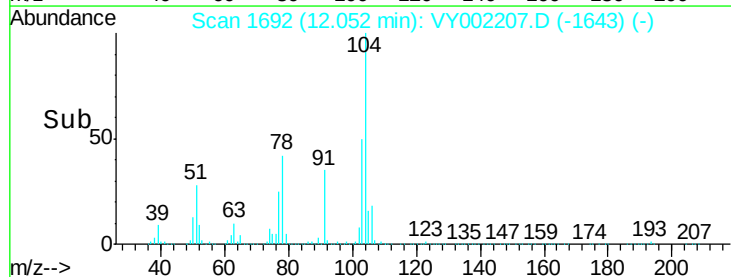
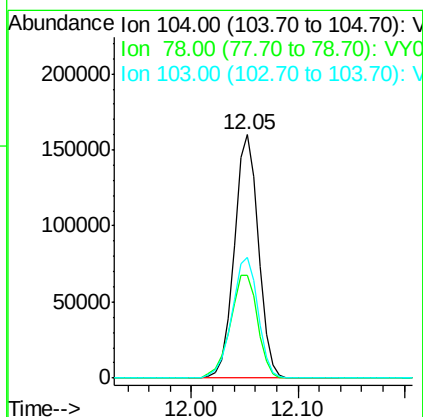
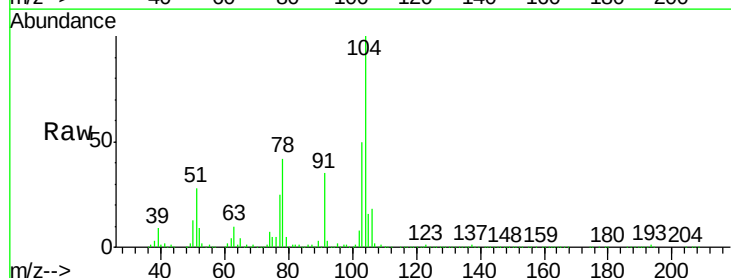
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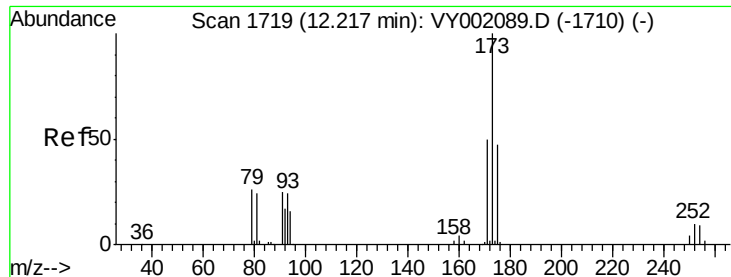
MMDadoda
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#70
Styrene
Concen: 49.355 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VY002207.D
Acq: 02 Apr 2020 20:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	254277		
78	78	47.6	37.9	56.9	
103	103	53.7	43.2	64.8	





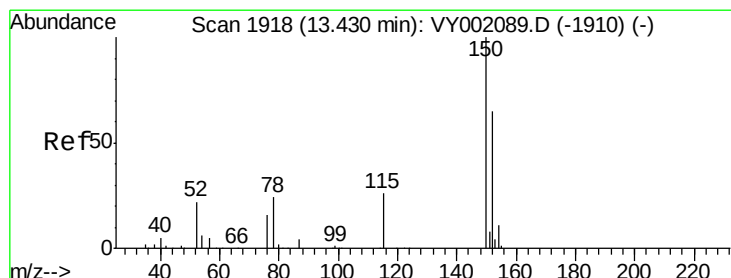
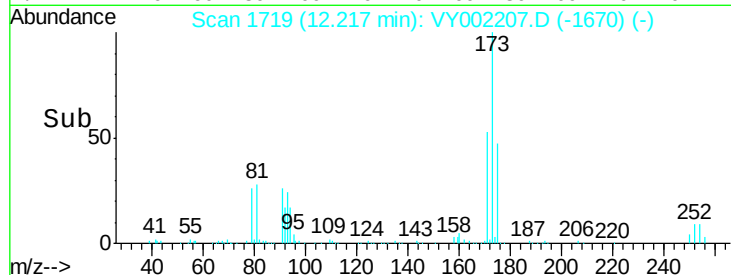
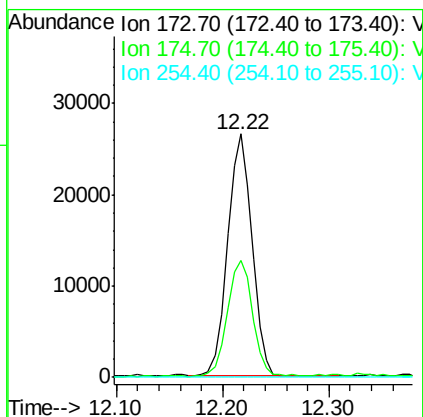
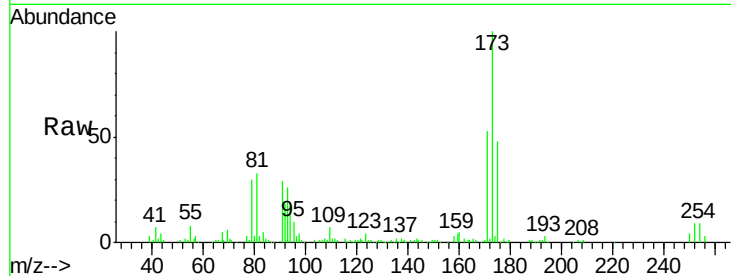
#71
Bromoform
Concen: 50.988 ug/l
RT: 12.22 min Scan# 1719
Delta R.T. 0.00 min
Lab File: VY002207.D
Acq: 02 Apr 2020 20:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.6	23.9	71.8
254	0.0	0.0	0.0

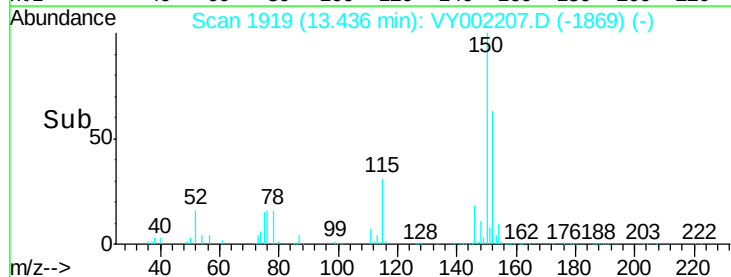
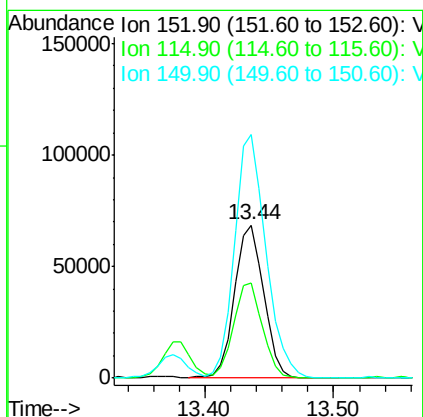
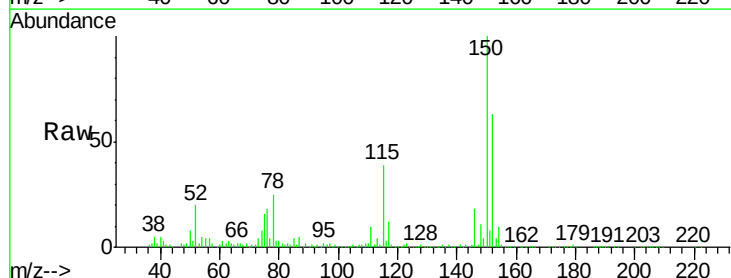
Manual Integrations
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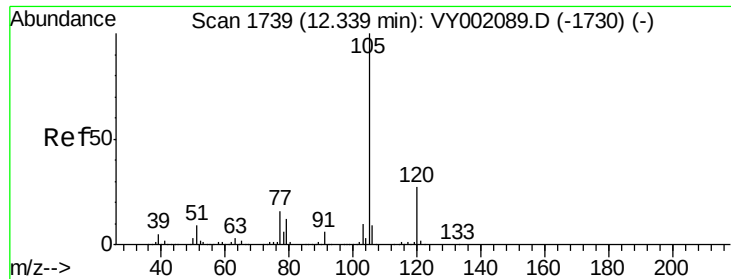
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4/6/2020 11:28:18 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY002207.D
Acq: 02 Apr 2020 20:49

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.7	31.2	93.6
150	172.1	0.0	354.8





#73

Isopropylbenzene

Concen: 48.293 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VY002207.D

Acq: 02 Apr 2020 20:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 382982

Ion Ratio Lower Upper

105 100

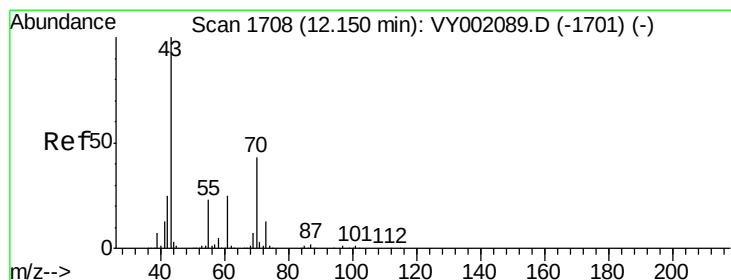
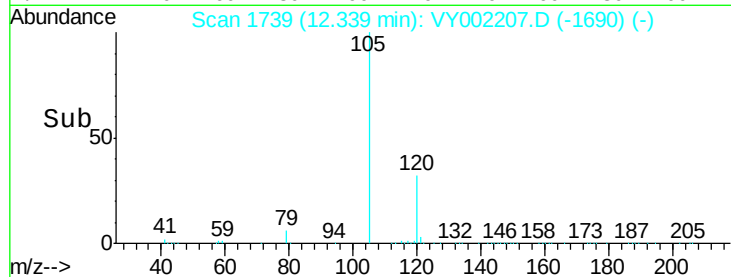
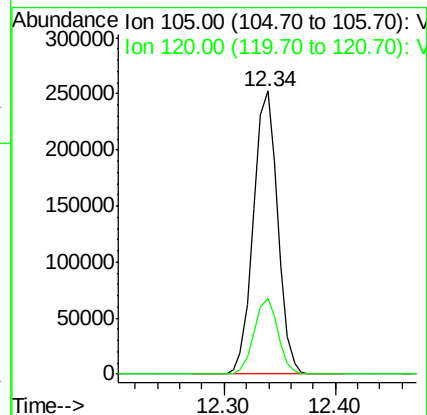
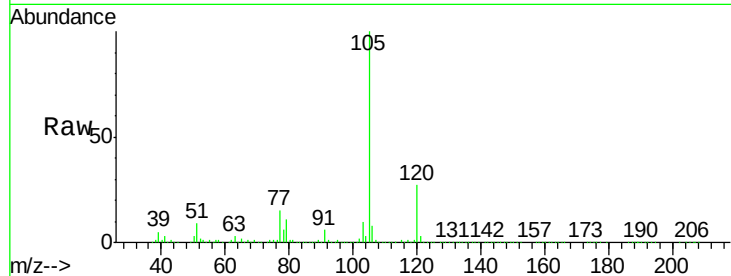
120 26.3 13.3 39.8

Manual Integrations

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#74

N-ethyl acetate

Concen: 49.556 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. 0.00 min

Lab File: VY002207.D

Acq: 02 Apr 2020 20:49

Tgt Ion: 43 Resp: 123949

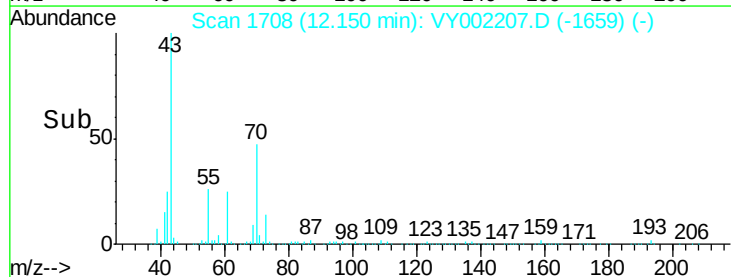
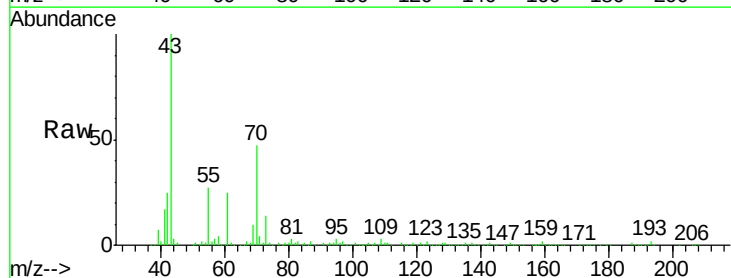
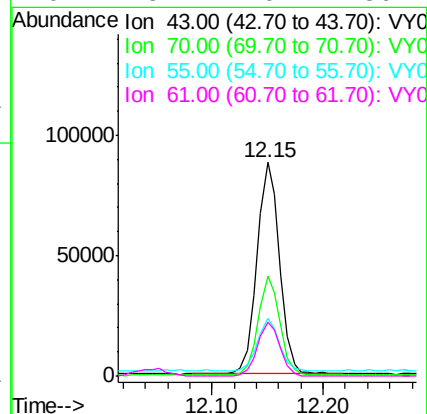
Ion Ratio Lower Upper

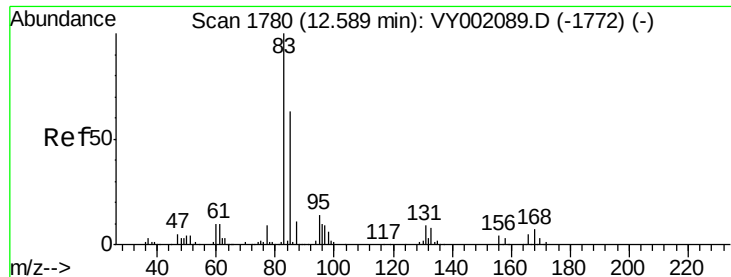
43 100

70 44.8 35.0 52.4

55 24.6 18.7 28.1

61 25.4 20.2 30.2





#75

1,1,2,2-Tetrachloroethane

Concen: 51.182 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. 0.00 min

Lab File: VY002207.D

Acq: 02 Apr 2020 20:49

Instrument :

MSVOA_Y

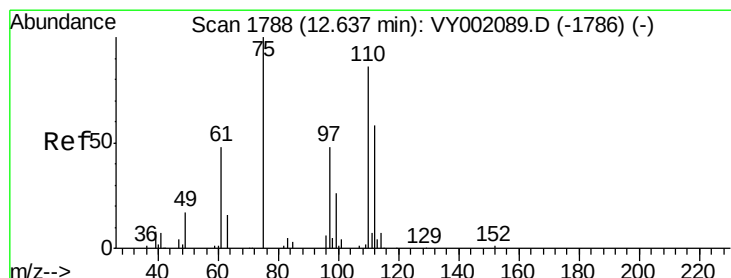
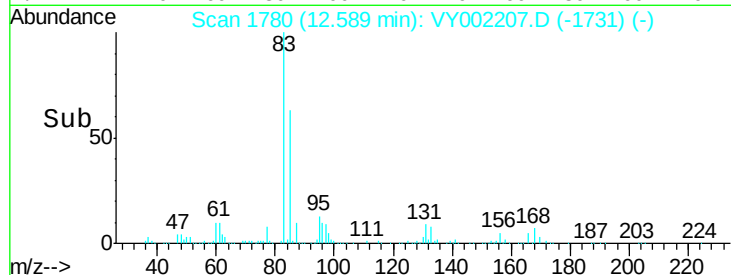
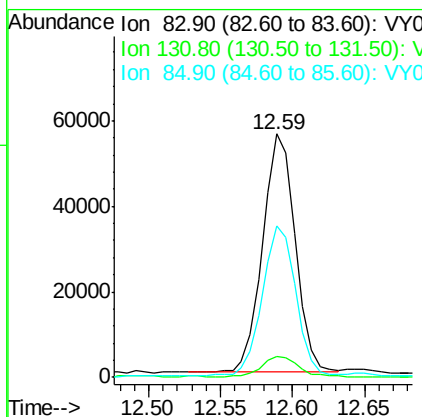
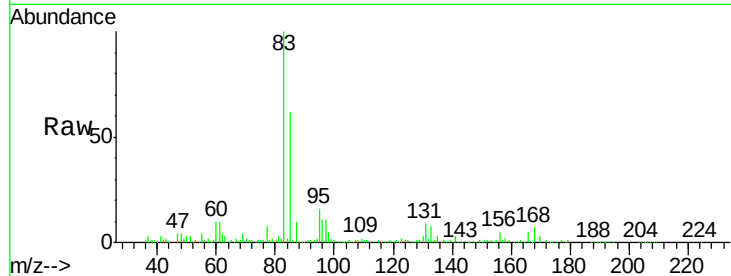
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	87342
Ion Ratio	Lower	Upper	
83	100		
131	9.8	4.7	14.1
85	64.5	32.4	97.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 55.585 ug/l m

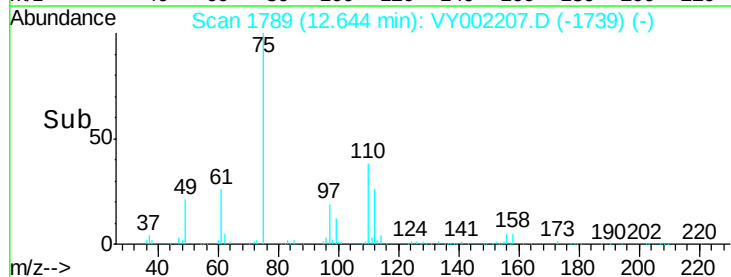
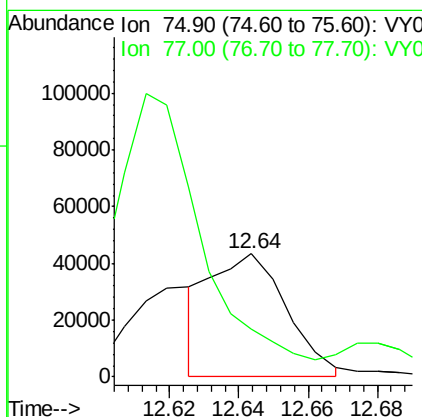
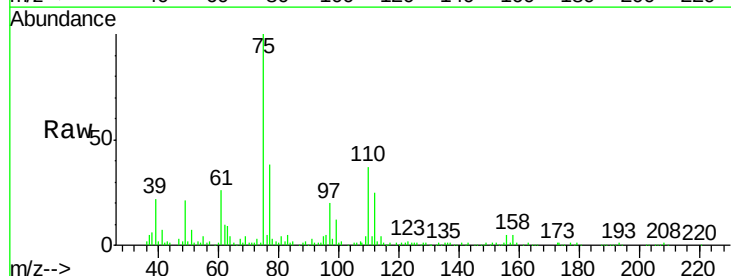
RT: 12.64 min Scan# 1789

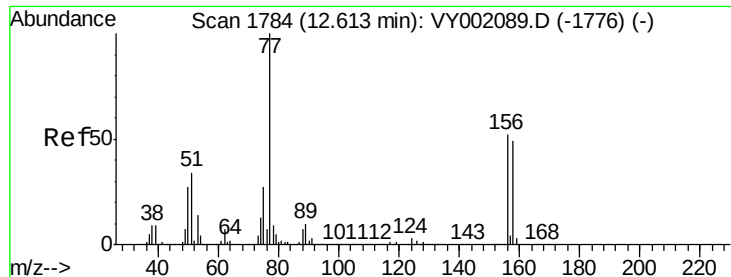
Delta R.T. 0.01 min

Lab File: VY002207.D

Acq: 02 Apr 2020 20:49

Tgt Ion:	75	Resp:	66471
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 51.923 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.01 min

Lab File: VY002207.D

Acq: 02 Apr 2020 20:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 87900

Ion Ratio Lower Upper

156 100

77 204.7 107.8 323.6

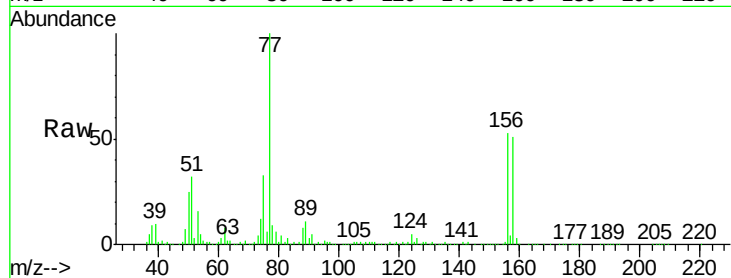
158 91.5 47.5 142.6

Manual Integrations

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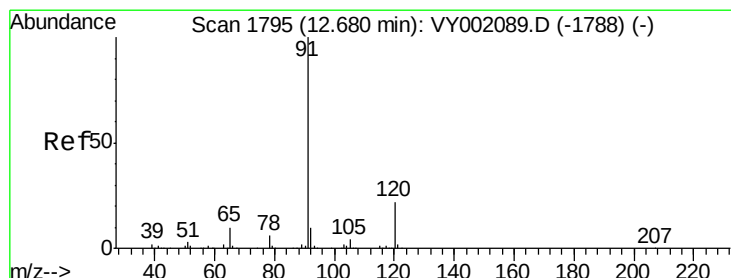
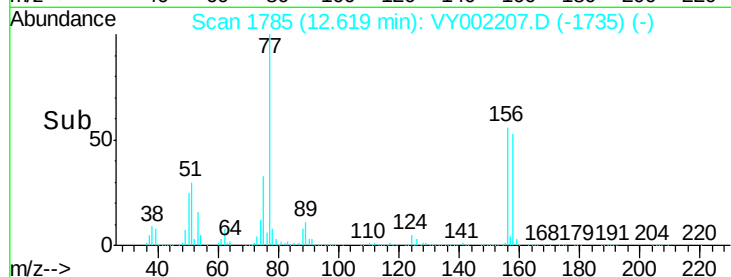
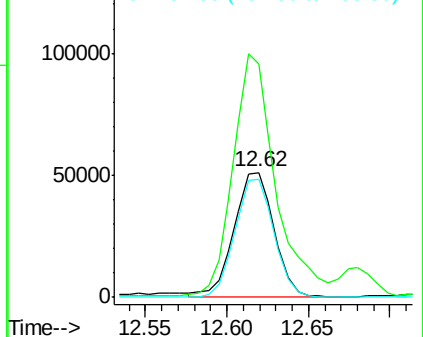
4/6/2020 11:28:18 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 47.288 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VY002207.D

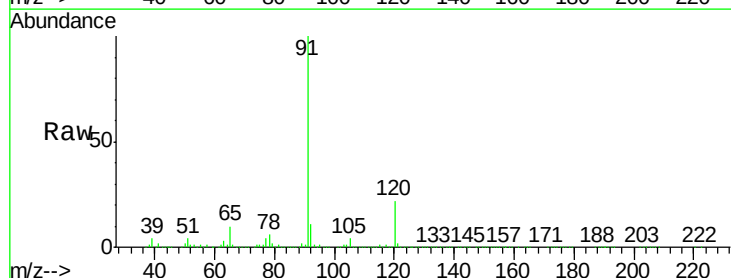
Acq: 02 Apr 2020 20:49

Tgt Ion: 91 Resp: 465377

Ion Ratio Lower Upper

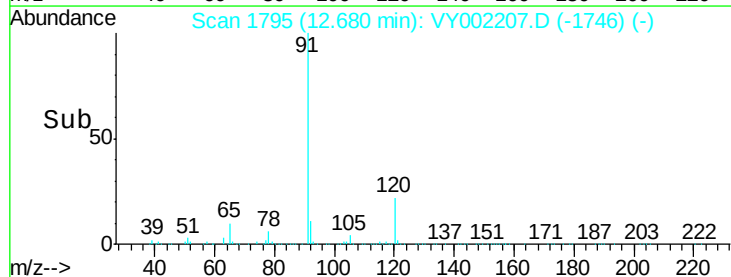
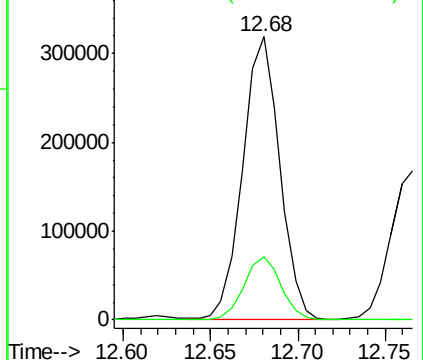
91 100

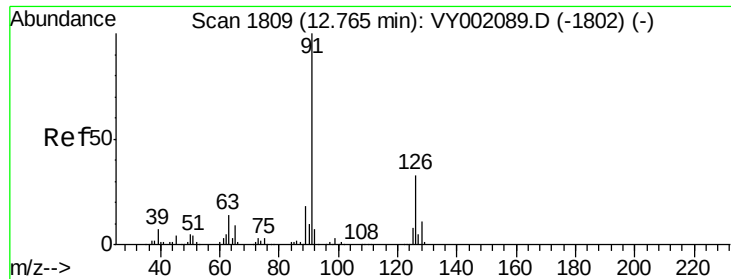
120 22.2 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





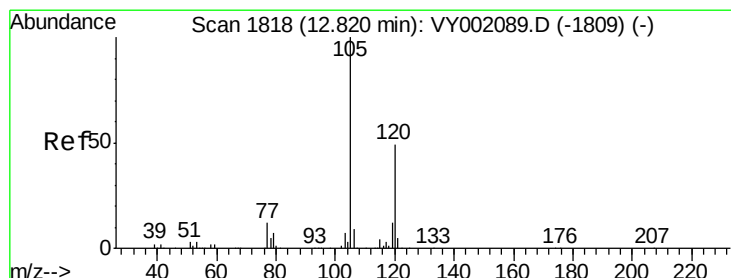
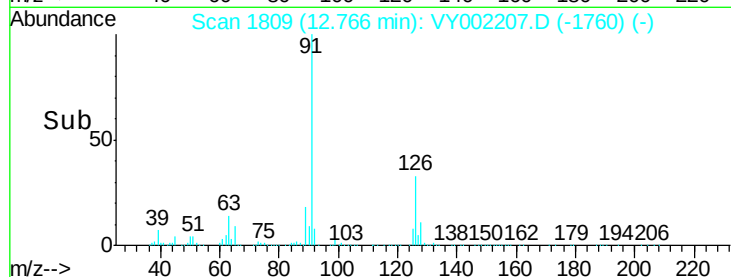
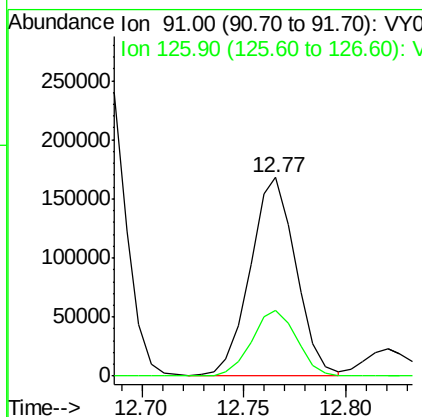
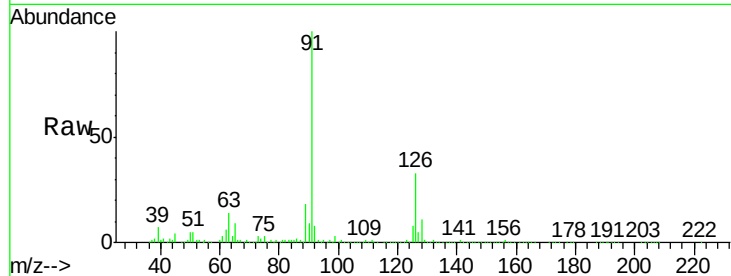
#79
2-Chlorotoluene
Concen: 47.803 ug/l
RT: 12.77 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VY002207.D
Acq: 02 Apr 2020 20:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 258304
Ion Ratio Lower Upper
91 100
126 33.5 16.4 49.1

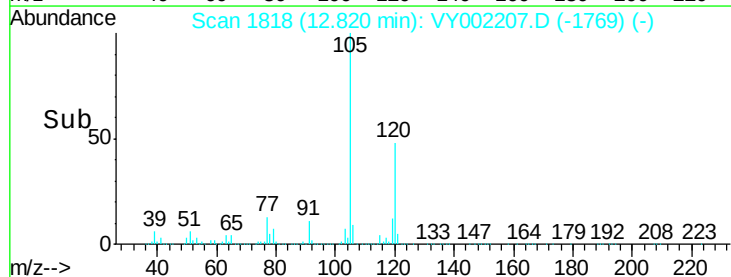
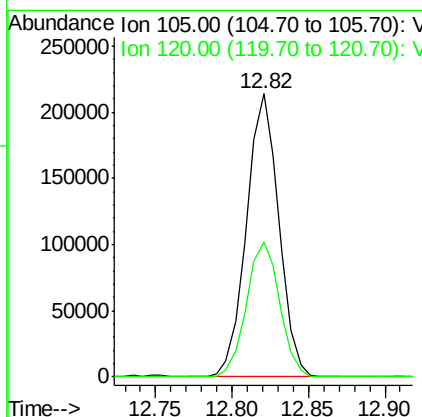
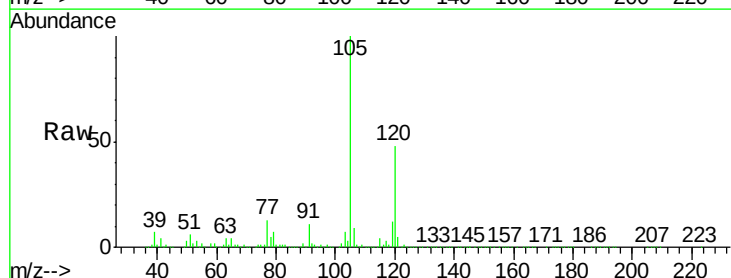
Manual Integrations
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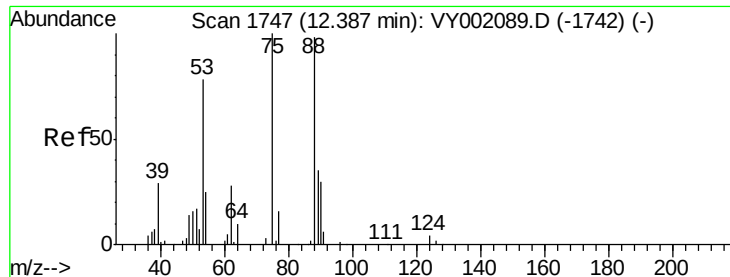
MMDadoda
4/6/2020 11:28:18 AM



#80
1,3,5-Trimethylbenzene
Concen: 47.706 ug/l
RT: 12.82 min Scan# 1818
Delta R.T. 0.00 min
Lab File: VY002207.D
Acq: 02 Apr 2020 20:49

Tgt Ion: 105 Resp: 312133
Ion Ratio Lower Upper
105 100
120 49.0 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 51.024 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VY002207.D

Acq: 02 Apr 2020 20:49

Instrument :

MSVOA_Y

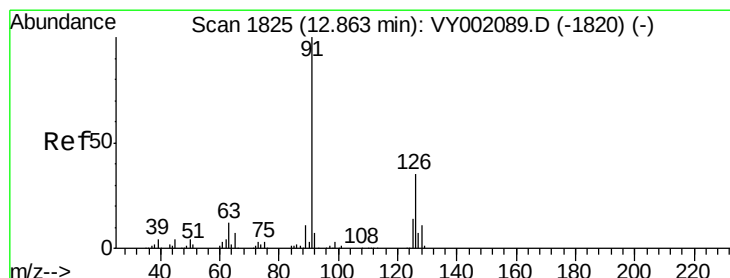
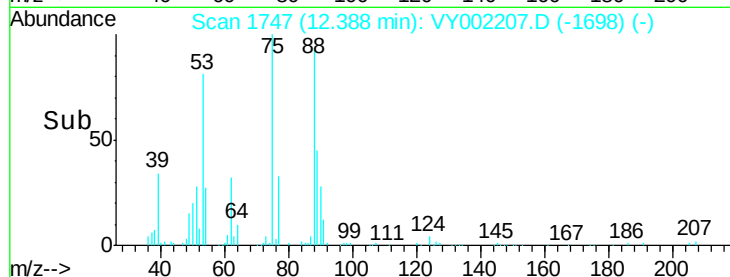
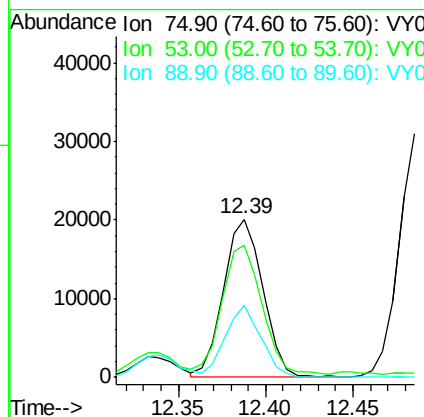
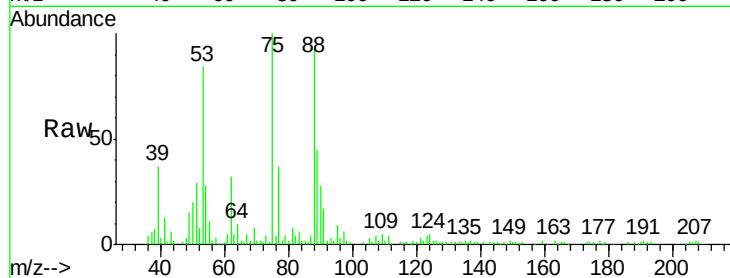
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	31495
Ion	Ratio	Lower	Upper
75	100		
53	81.4	65.0	97.4
89	41.1	33.4	50.0

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#82

4-Chlorotoluene

Concen: 47.583 ug/l

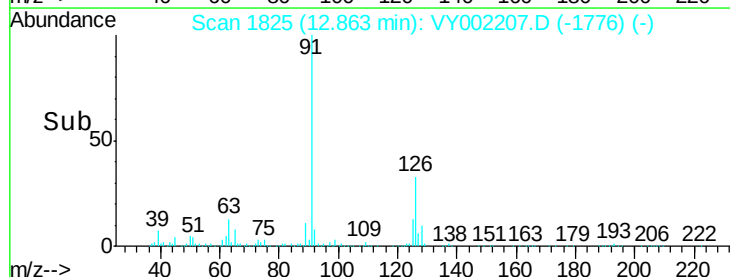
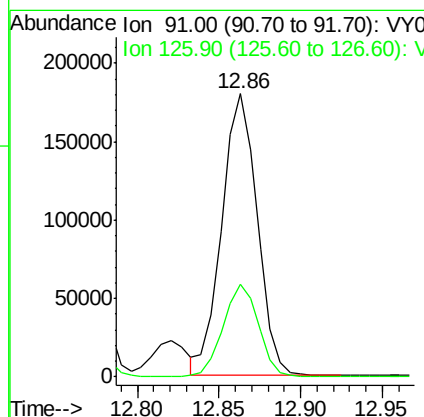
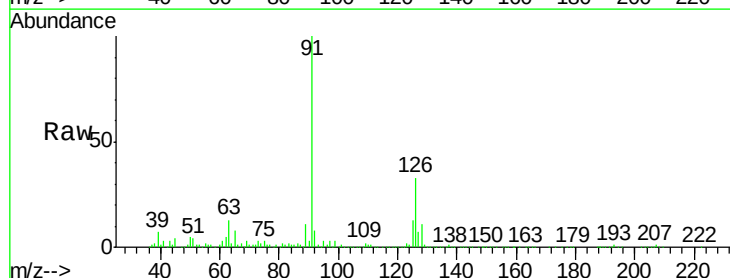
RT: 12.86 min Scan# 1825

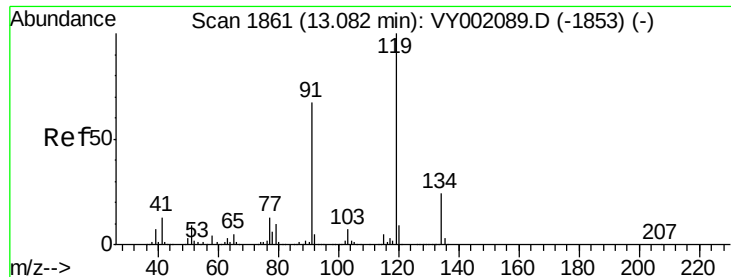
Delta R.T. 0.00 min

Lab File: VY002207.D

Acq: 02 Apr 2020 20:49

Tgt Ion:	91	Resp:	270936
Ion	Ratio	Lower	Upper
91	100		
126	32.9	16.3	48.9





#83

tert-Butylbenzene

Concen: 48.336 ug/l

RT: 13.08 min Scan# 1861

Delta R.T. 0.00 min

Lab File: VY002207.D

Acq: 02 Apr 2020 20:49

Instrument :

MSVOA_Y

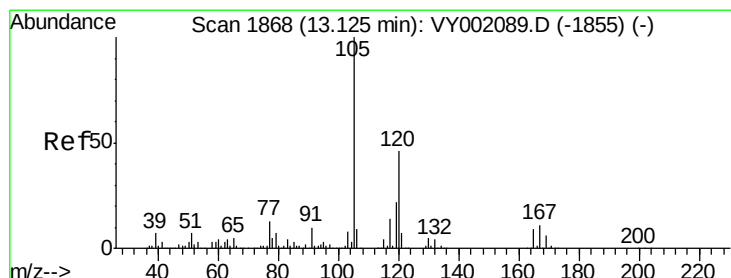
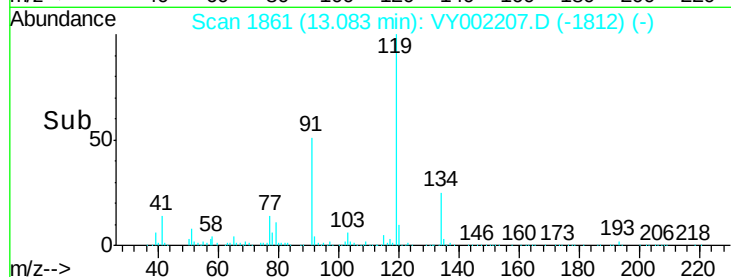
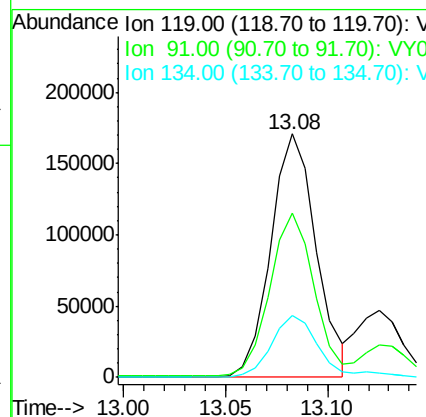
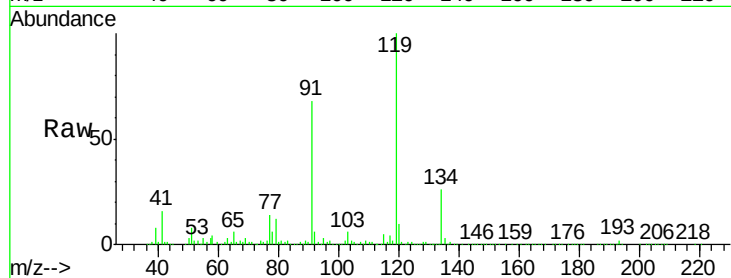
ClientSampleId :

VSTDCCC050EC

Tot Ion:	119	Resp:	263982
Ion Ratio	Lower	Upper	
119	100		
91	65.0	32.9	98.6
134	26.7	13.0	38.9

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#84

1,2,4-Trimethylbenzene

Concen: 48.240 ug/l

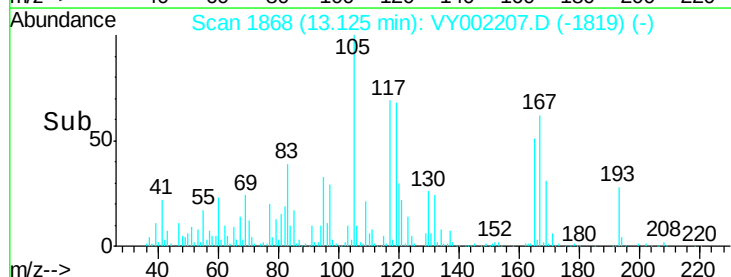
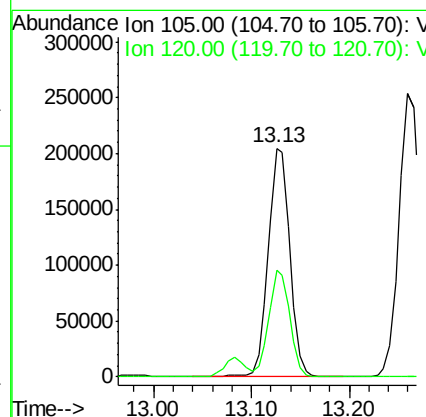
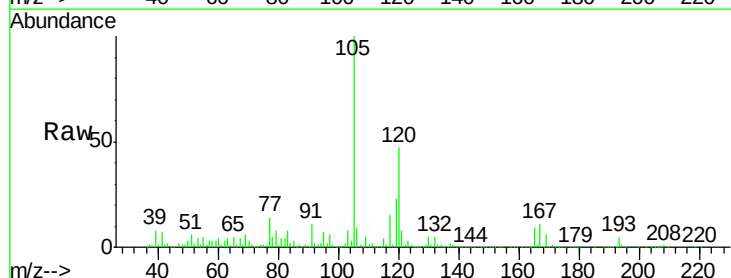
RT: 13.13 min Scan# 1868

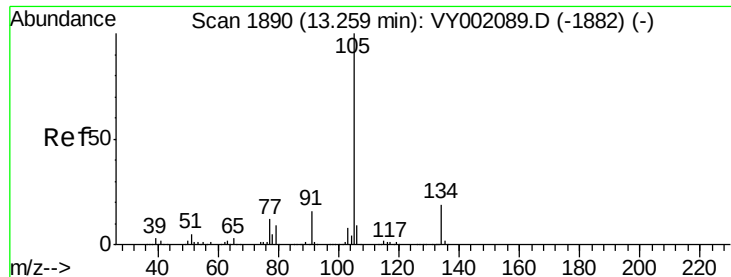
Delta R.T. 0.00 min

Lab File: VY002207.D

Acq: 02 Apr 2020 20:49

Tgt Ion:	105	Resp:	314911
Ion Ratio	Lower	Upper	
105	100		
120	45.4	22.9	68.5





#85

sec-Butylbenzene

Concen: 47.663 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VY002207.D

Acq: 02 Apr 2020 20:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 385551

Ion Ratio Lower Upper

105 100

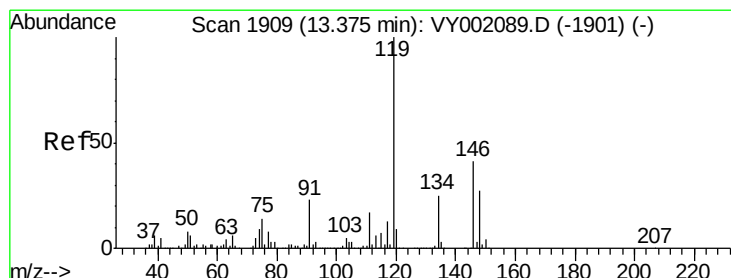
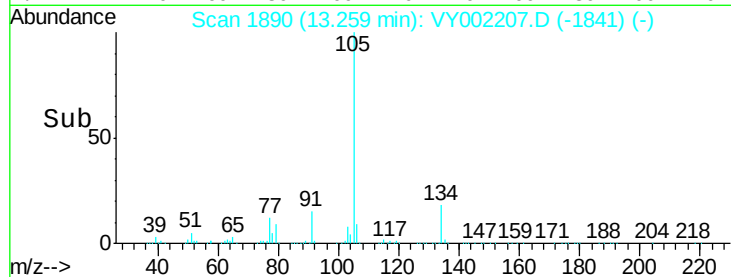
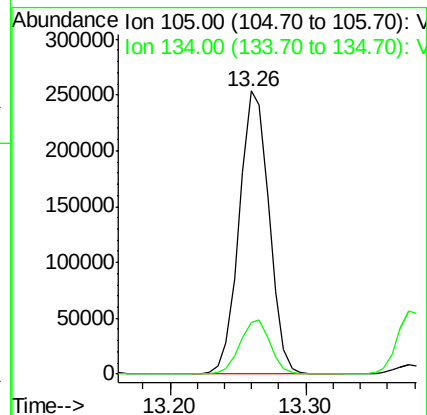
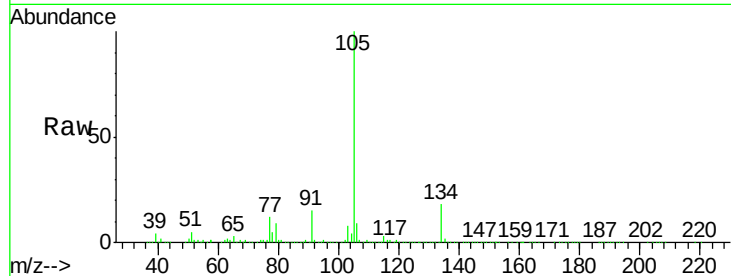
134 19.3 9.7 29.1

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#86

p-Isopropyltoluene

Concen: 47.716 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. 0.00 min

Lab File: VY002207.D

Acq: 02 Apr 2020 20:49

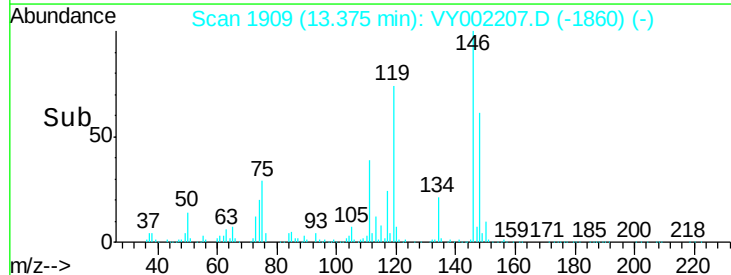
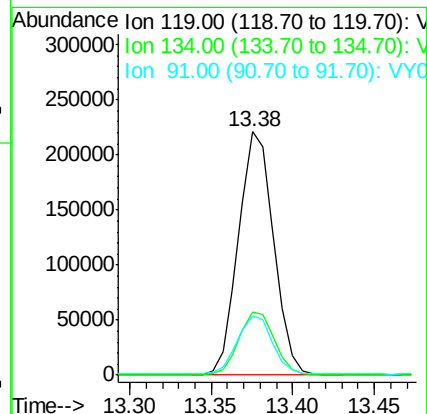
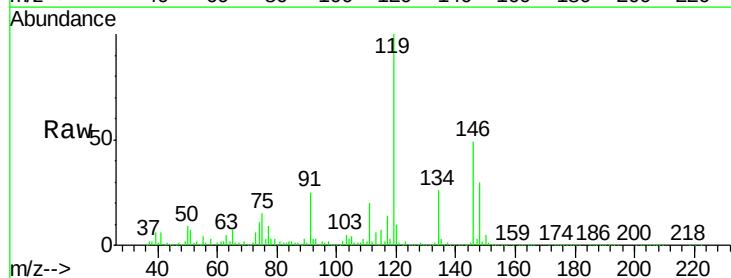
Tgt Ion:119 Resp: 331464

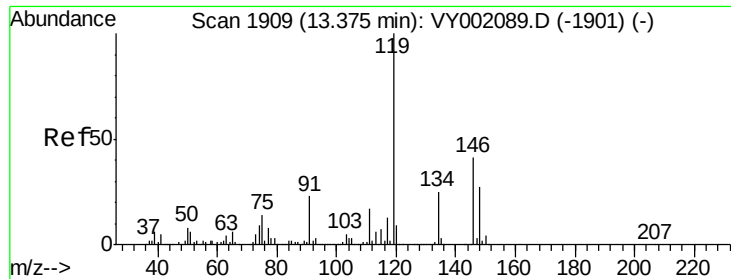
Ion Ratio Lower Upper

119 100

134 26.2 13.1 39.3

91 23.9 11.8 35.3





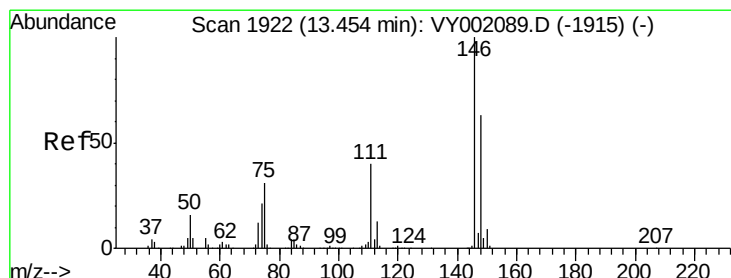
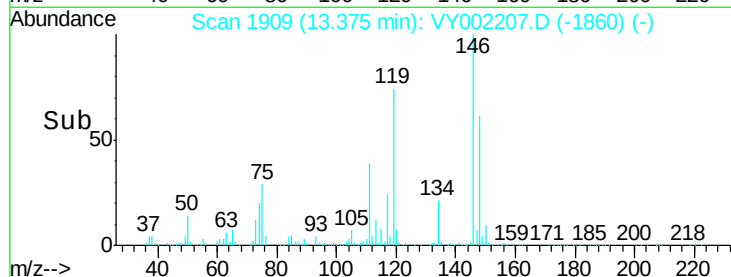
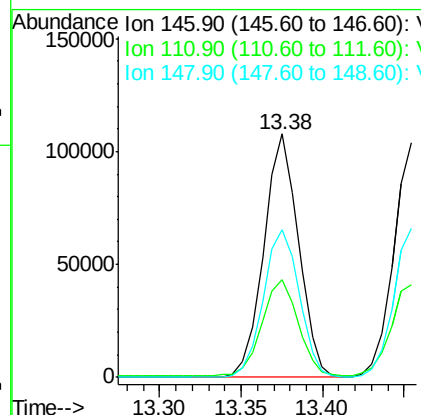
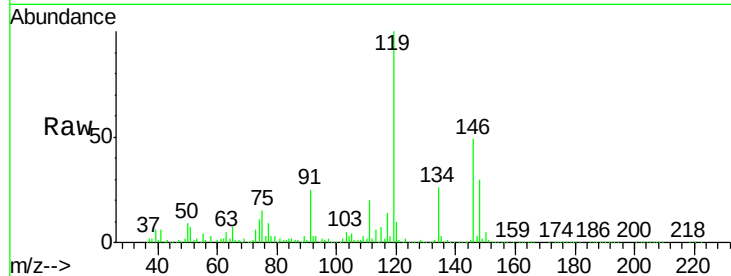
#87
 1,3-Dichlorobenzene
 Concen: 47.981 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. 0.00 min
 Lab File: VY002207.D
 Acq: 02 Apr 2020 20:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	158903		
111	40.9	20.9	62.8	
148	62.5	32.1	96.5	

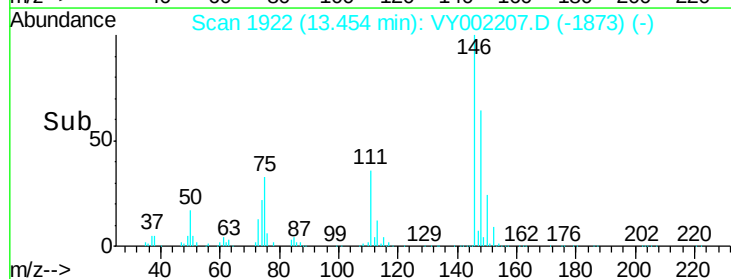
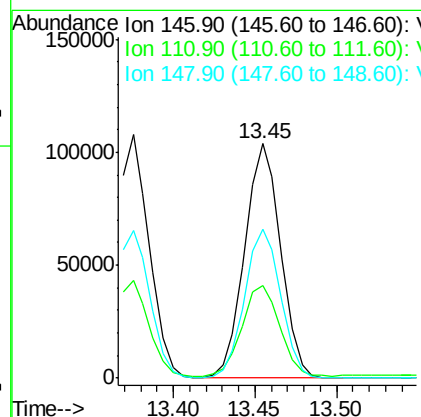
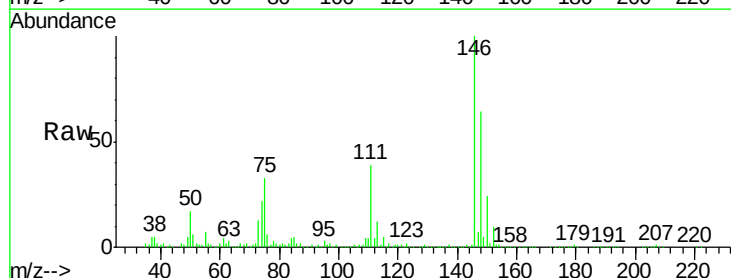
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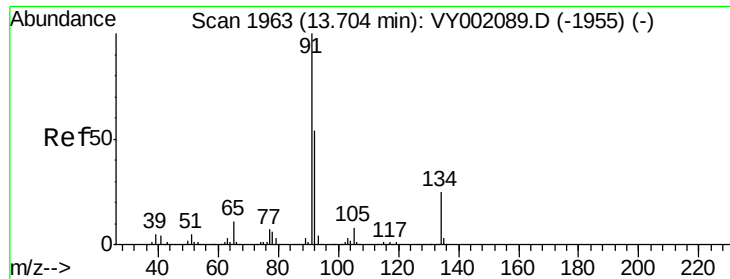
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#88
 1,4-Dichlorobenzene
 Concen: 47.725 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VY002207.D
 Acq: 02 Apr 2020 20:49

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	159049		
111	40.8	20.3	60.9	
148	63.9	31.5	94.5	





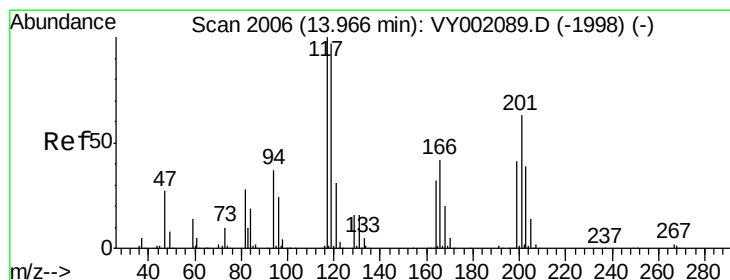
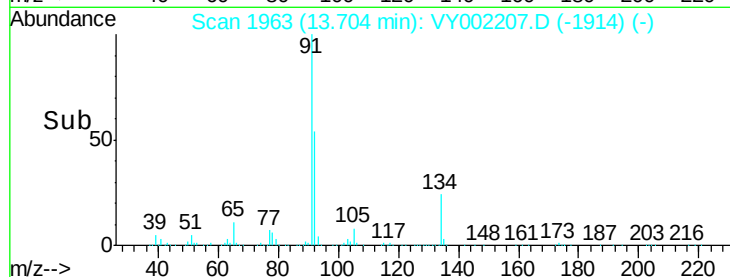
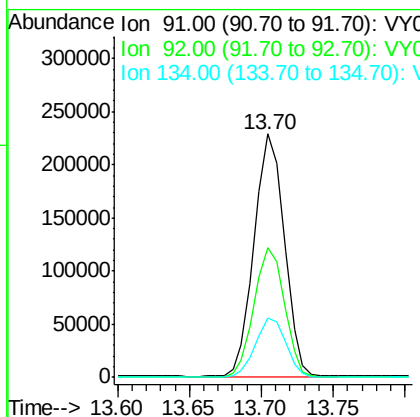
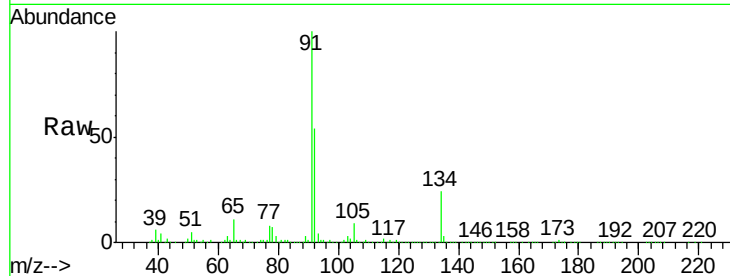
#89
n-Butylbenzene
Concen: 45.695 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VY002207.D
Acq: 02 Apr 2020 20:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.9	27.0	81.0
134	24.6	12.3	36.8

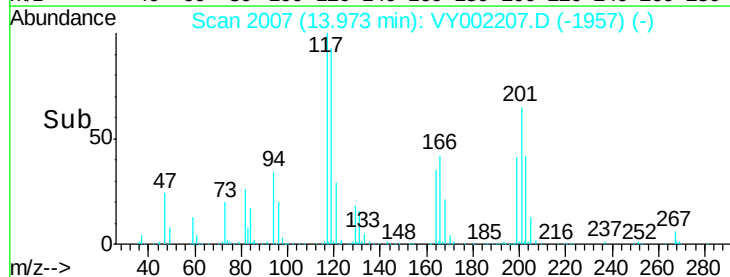
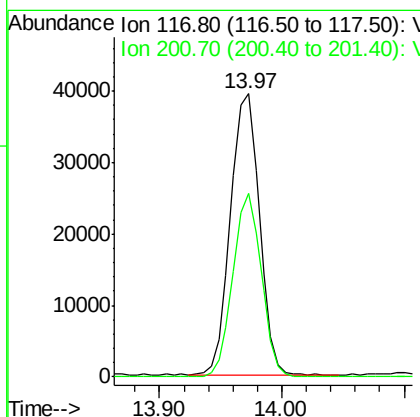
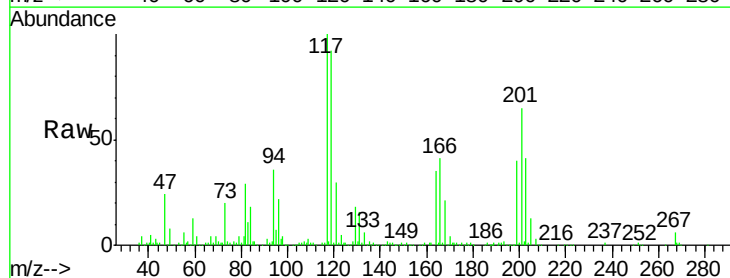
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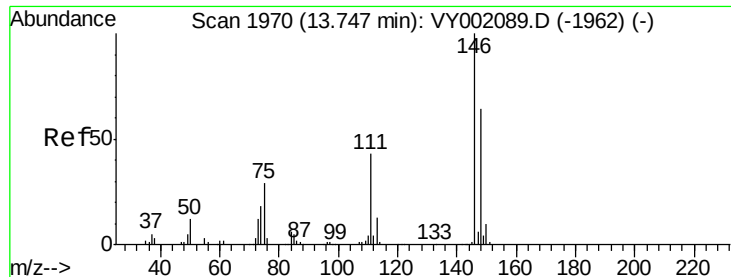
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#90
Hexachloroethane
Concen: 49.445 ug/l
RT: 13.97 min Scan# 2007
Delta R.T. 0.01 min
Lab File: VY002207.D
Acq: 02 Apr 2020 20:49

Tgt Ion	Ratio	Lower	Upper
117	100		
201	63.9	31.6	94.8





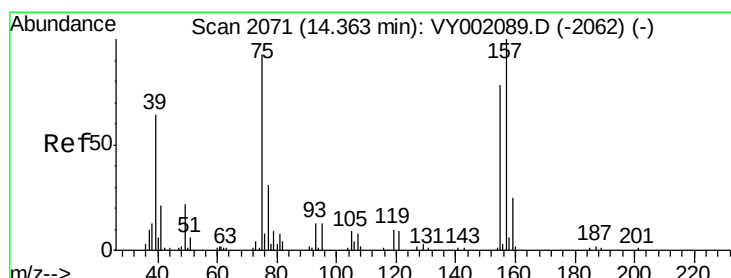
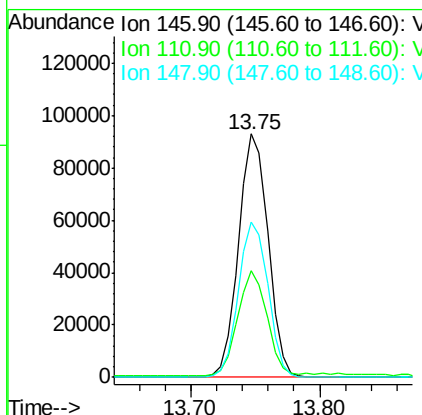
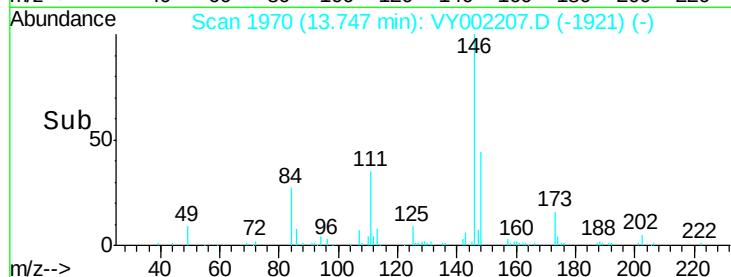
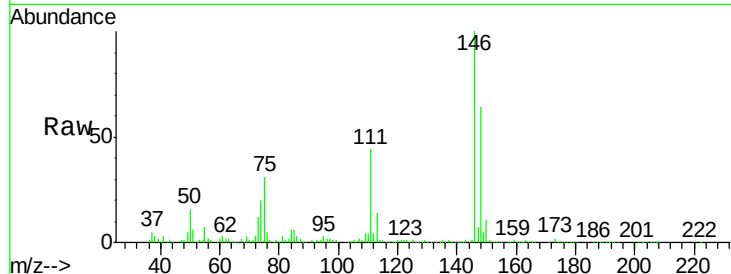
#91
 1,2-Dichlorobenzene
 Concen: 48.184 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: VY002207.D
 Acq: 02 Apr 2020 20:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.3	21.3	63.7
148	64.0	31.8	95.4

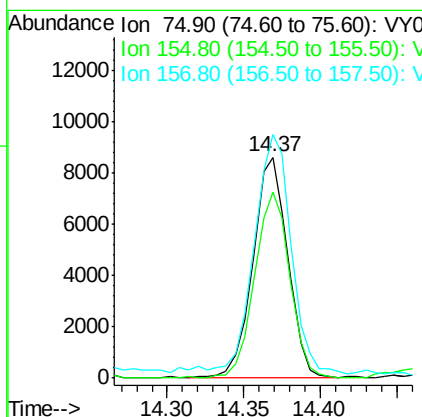
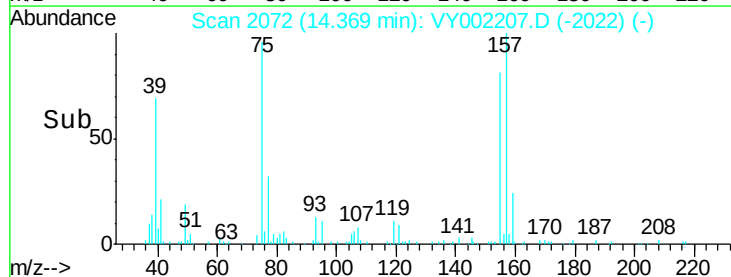
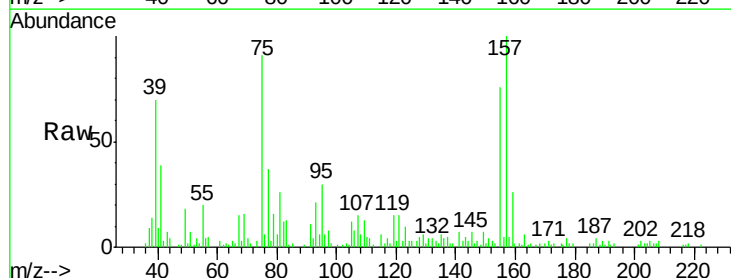
Manual Integrations
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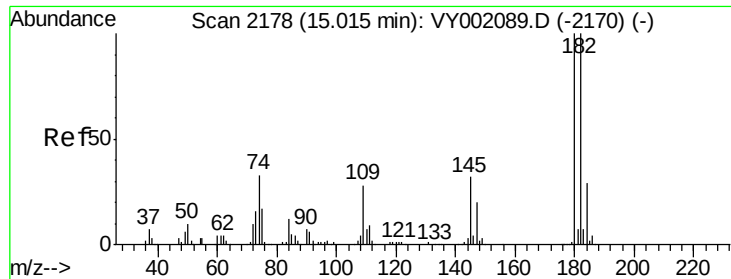
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 4/6/2020 11:28:18 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.921 ug/l
 RT: 14.37 min Scan# 2072
 Delta R.T. 0.01 min
 Lab File: VY002207.D
 Acq: 02 Apr 2020 20:49

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.1	41.6	124.9
157	114.9	53.4	160.3





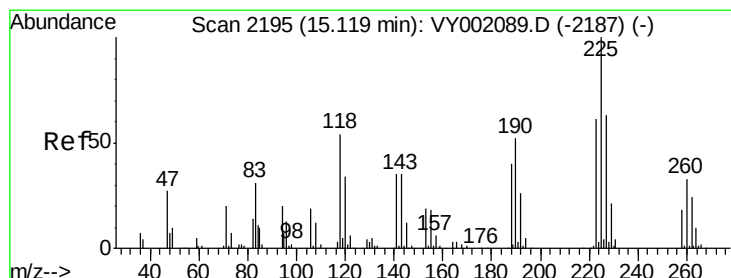
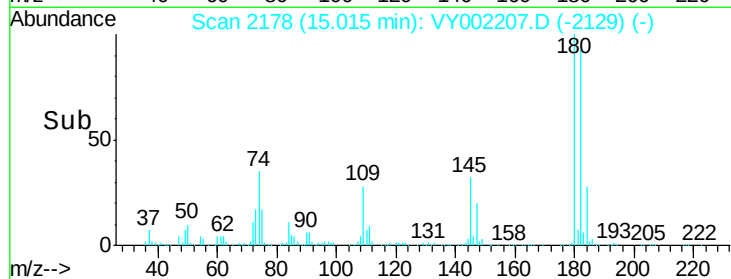
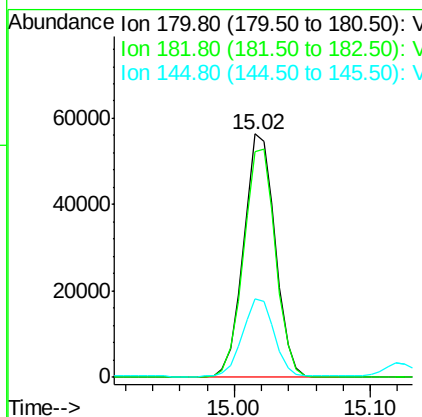
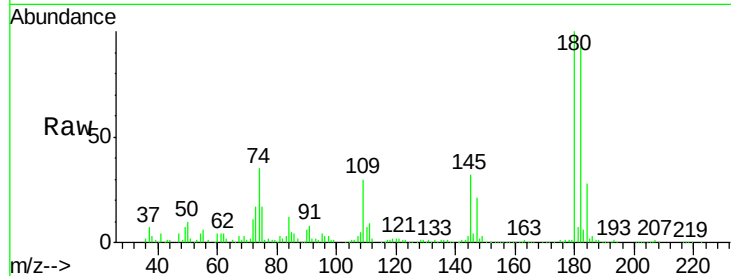
#93
 1,2,4-Trichlorobenzene
 Concen: 46.300 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. 0.00 min
 Lab File: VY002207.D
 Acq: 02 Apr 2020 20:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.0	48.1	144.3
145	31.8	15.9	47.6

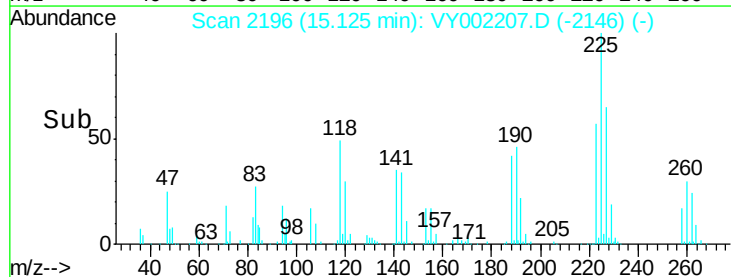
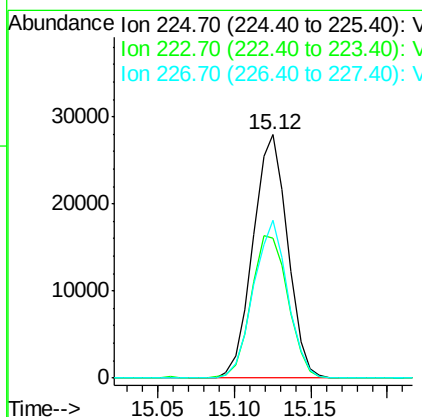
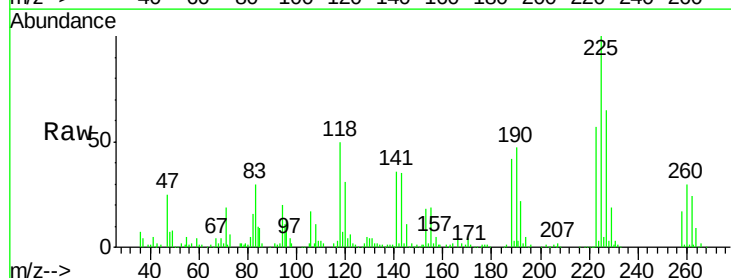
Manual Integrations
 APPROVED

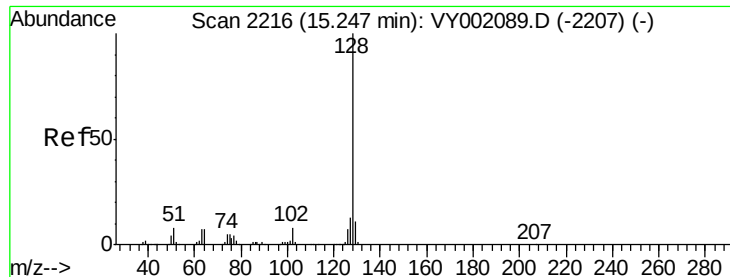
MMDadoda
 4/6/2020 11:28:18 AM



#94
 Hexachlorobutadiene
 Concen: 45.260 ug/l
 RT: 15.12 min Scan# 2196
 Delta R.T. 0.01 min
 Lab File: VY002207.D
 Acq: 02 Apr 2020 20:49

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	31.1	93.3
227	63.8	31.6	94.7





#95

Naphthalene

Concen: 49.856 ug/l

RT: 15.25 min Scan# 2216

Delta R.T. 0.00 min

Lab File: VY002207.D

Acq: 02 Apr 2020 20:49

Instrument :

MSVOA_Y

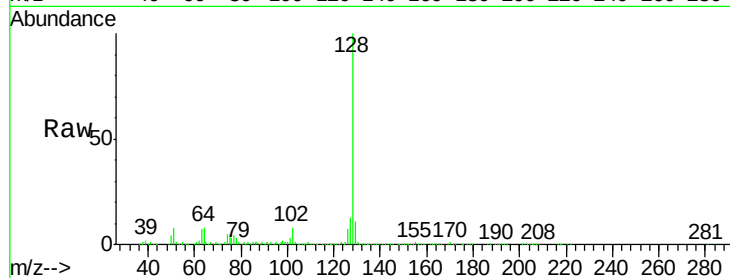
ClientSampleId :

VSTDCCC050EC

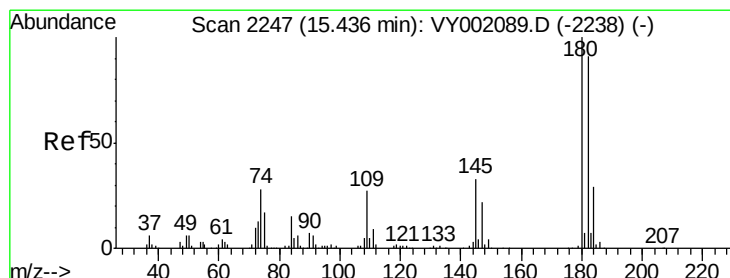
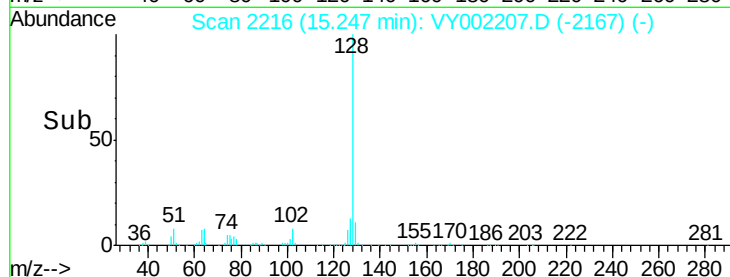
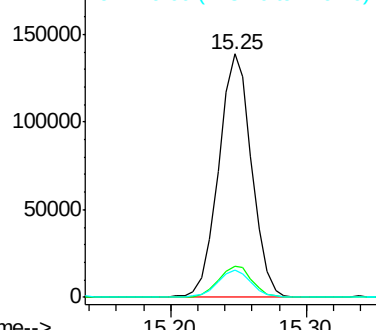
Tot Ion:	128	Resp:	233432
Ion Ratio	Lower	Upper	
128	100		
127	13.1	9.8	14.8
129	11.2	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
4/6/2020 11:28:18 AM



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 46.144 ug/l

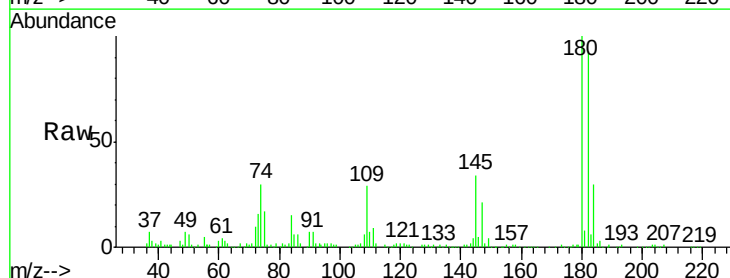
RT: 15.44 min Scan# 2247

Delta R.T. 0.00 min

Lab File: VY002207.D

Acq: 02 Apr 2020 20:49

Tgt Ion:	180	Resp:	82488
Ion Ratio	Lower	Upper	
180	100		
182	94.2	46.8	140.3
145	34.3	16.7	50.1



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

