

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY031820\
 Data File : VY002010.D
 Acq On : 18 Mar 2020 17:19
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/19/2020 11:59:39 AM

Quant Time: Mar 19 04:31:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	147266	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	272253	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	242963	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	110656	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	82734	52.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.24%	
35) Dibromofluoromethane	7.74	113	78150	52.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.14%	
50) Toluene-d8	10.19	98	321511	51.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.58%	
62) 4-Bromofluorobenzene	12.49	95	113231	51.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	63608	46.792	ug/l	99
3) Chloromethane	2.13	50	90261	49.249	ug/l	100
4) Vinyl Chloride	2.27	62	96617	51.827	ug/l	100
5) Bromomethane	2.66	94	64303	60.258	ug/l	97
6) Chloroethane	2.81	64	63665	54.366	ug/l	91
7) Trichlorofluoromethane	3.15	101	134596	53.237	ug/l	96
8) Diethyl Ether	3.55	74	55868	56.067	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.93	101	89267	54.895	ug/l	100
10) Methyl Iodide	4.11	142	108411	57.649	ug/l	99
11) Tert butyl alcohol	4.98	59	41555	254.390	ug/l	99
12) 1,1-Dichloroethene	3.90	96	87431	53.398	ug/l	96
13) Acrolein	3.76	56	46913	212.347	ug/l	97
14) Allyl chloride	4.50	41	165144	56.894	ug/l	100
15) Acrylonitrile	5.19	53	144624	271.610	ug/l	100
16) Acetone	3.97	43	107717	235.237	ug/l	96
17) Carbon Disulfide	4.22	76	274545	49.880	ug/l	99
18) Methyl Acetate	4.50	43	62996	53.542	ug/l	98
19) Methyl tert-butyl Ether	5.25	73	249277	56.181	ug/l	98
20) Methylene Chloride	4.74	84	105718	53.869	ug/l	97
21) trans-1,2-Dichloroethene	5.25	96	101666	54.706	ug/l	99
22) Diisopropyl ether	6.15	45	344581	57.913	ug/l	93
23) Vinyl Acetate	6.09	43	1093880	280.438	ug/l	99
24) 1,1-Dichloroethane	6.05	63	182964	56.784	ug/l	99
25) 2-Butanone	7.02	43	181829	261.116	ug/l	99
26) 2,2-Dichloropropane	7.01	77	150999	57.097	ug/l	98
27) cis-1,2-Dichloroethene	7.02	96	115189	56.981	ug/l	100
28) Bromochloromethane	7.36	49	80845	55.665	ug/l	100
29) Tetrahydrofuran	7.37	42	120474	260.528	ug/l	100
30) Chloroform	7.53	83	173811	57.416	ug/l	98
31) Cyclohexane	7.80	56	177251	51.306	ug/l	97
32) 1,1,1-Trichloroethane	7.72	97	146848	57.554	ug/l	99
36) 1,1-Dichloropropene	7.94	75	141009	53.822	ug/l	99
37) Ethyl Acetate	7.10	43	80616	52.943	ug/l	99
38) Carbon Tetrachloride	7.92	117	124983	55.844	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	183659	52.854	ug/l	99
40) Benzene	8.18	78	431321	55.544	ug/l	100
41) Methacrylonitrile	7.34	41	34812m	50.801	ug/l	
42) 1,2-Dichloroethane	8.25	62	110683	55.314	ug/l	100
43) Isopropyl Acetate	8.29	43	155418	53.911	ug/l	99
44) Trichloroethene	8.96	130	103472	54.712	ug/l	95
45) 1,2-Dichloropropane	9.23	63	110286	56.497	ug/l	99
46) Dibromomethane	9.32	93	55084	54.758	ug/l	100
47) Bromodichloromethane	9.51	83	135097	57.732	ug/l	97
48) Methyl methacrylate	9.31	41	71809	56.135	ug/l	97
49) 1,4-Dioxane	9.32	88	13955	1012.400	ug/l	97
51) 4-Methyl-2-Pentanone	10.08	43	406493	273.753	ug/l	100
52) Toluene	10.25	92	262048	55.550	ug/l	100
53) t-1,3-Dichloropropene	10.48	75	144994	56.873	ug/l	98
54) cis-1,3-Dichloropropene	9.94	75	173276	57.093	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	81830	55.583	ug/l	99
56) Ethyl methacrylate	10.52	69	119092	55.189	ug/l	97
57) 1,3-Dichloropropane	10.80	76	145974	55.625	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	183080	241.621	ug/l	100
59) 2-Hexanone	10.85	43	269225	254.023	ug/l	99
60) Dibromochloromethane	11.00	129	89846	57.916	ug/l	100
61) 1,2-Dibromoethane	11.10	107	76122	54.586	ug/l	100
64) Tetrachloroethene	10.73	164	83386	54.727	ug/l	100
65) Chlorobenzene	11.53	112	272693	56.328	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	92269	58.120	ug/l	99
67) Ethyl Benzene	11.60	91	506430	56.091	ug/l	99
68) m/p-Xylenes	11.71	106	372869	111.704	ug/l	99
69) o-Xylene	12.04	106	177431	56.396	ug/l	99
70) Styrene	12.05	104	307978	57.155	ug/l	99
71) Bromoform	12.22	173	49397	57.374	ug/l #	98
73) Isopropylbenzene	12.34	105	477572	56.536	ug/l	99
74) N-amyl acetate	12.15	43	138110	53.198	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	99293	54.508	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	75663m	57.626	ug/l	
77) Bromobenzene	12.62	156	100634	56.230	ug/l	98
78) n-propylbenzene	12.68	91	587051	56.331	ug/l	100
79) 2-Chlorotoluene	12.77	91	323673	56.216	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	395029	56.805	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	35816	55.100	ug/l	99
82) 4-Chlorotoluene	12.86	91	339514	56.635	ug/l	99
83) tert-Butylbenzene	13.08	119	331594	57.410	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	390524	56.587	ug/l	99
85) sec-Butylbenzene	13.26	105	487182	57.224	ug/l	100
86) p-Isopropyltoluene	13.38	119	415891	56.629	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	196103	55.916	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	196630	55.266	ug/l	100
89) n-Butylbenzene	13.70	91	420117	55.137	ug/l	99
90) Hexachloroethane	13.97	117	80471	58.082	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	177179	55.609	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	14705	51.732	ug/l	99

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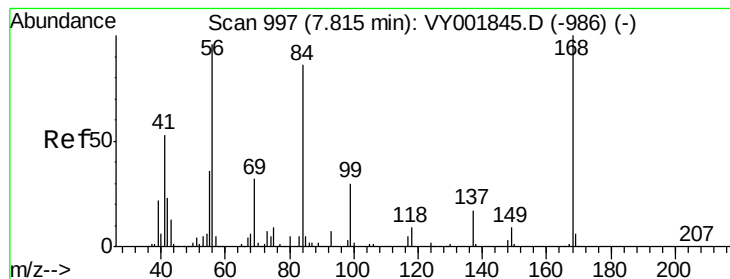
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	108685	52.600	ug/l	98
94) Hexachlorobutadiene	15.12	225	53662	53.269	ug/l	100
95) Naphthalene	15.24	128	251450	51.305	ug/l	99
96) 1,2,3-Trichlorobenzene	15.43	180	94783	52.072	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.00 min

Lab File: VY002010.D

Acq: 18 Mar 2020 17:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 147266

Ion Ratio Lower Upper

168 100

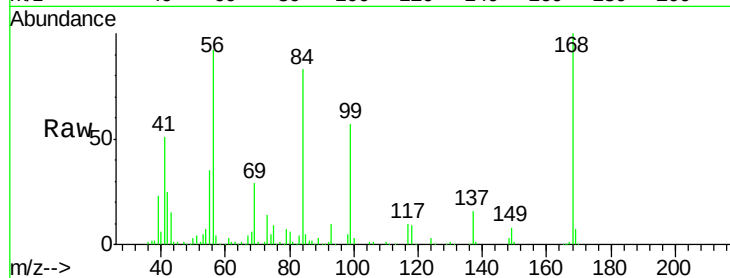
99 56.7 46.7 70.1

Manual Integrations

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3/19/2020 11:59:39 AM



Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

7.82

60000

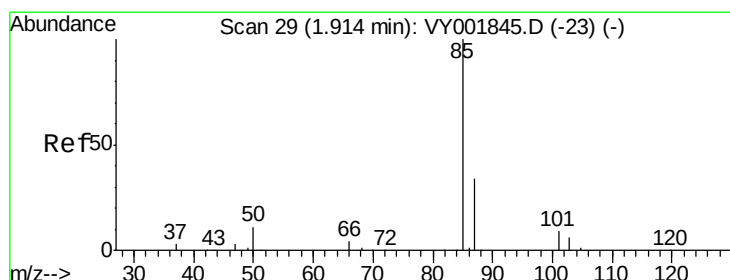
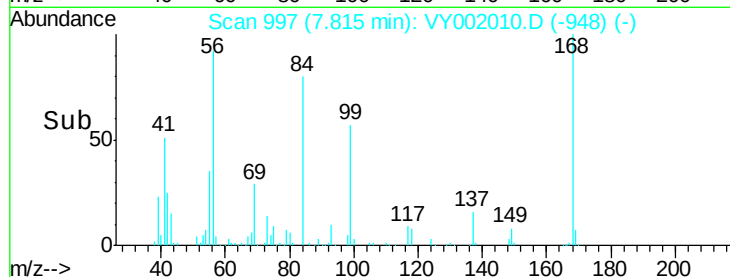
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 46.792 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.00 min

Lab File: VY002010.D

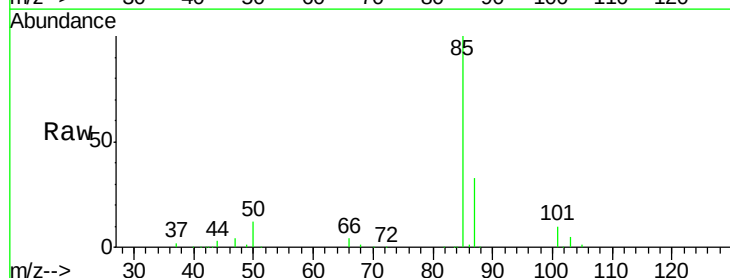
Acq: 18 Mar 2020 17:19

Tgt Ion: 85 Resp: 63608

Ion Ratio Lower Upper

85 100

87 33.0 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VY0

Ion 86.90 (86.60 to 87.60): VY0

1.91

50000

40000

30000

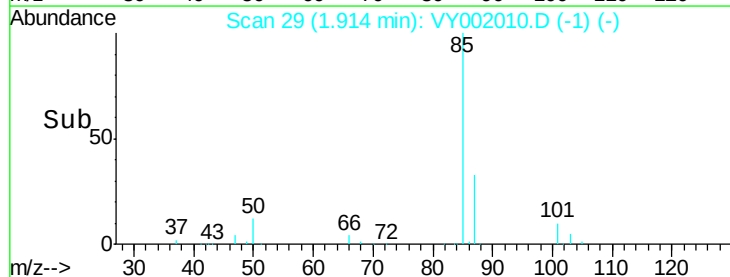
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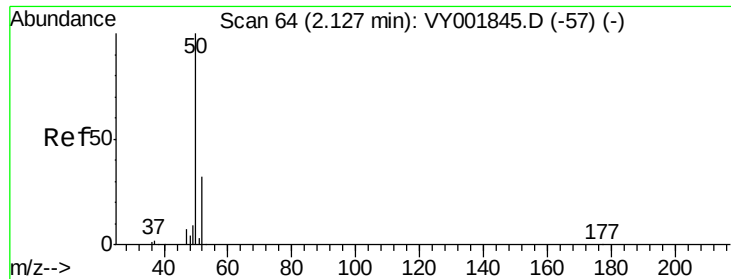
10000

0

1.90 2.00

Time-->





#3

Chloromethane

Concen: 49.249 ug/l

RT: 2.13 min Scan# 64

Delta R.T. 0.00 min

Lab File: VY002010.D

Acq: 18 Mar 2020 17:19

Tot Ion: 50 Resp: 90261

Ion Ratio Lower Upper

50 100

52 32.0 25.8 38.6

Instrument :

MSVOA_Y

ClientSampleId :

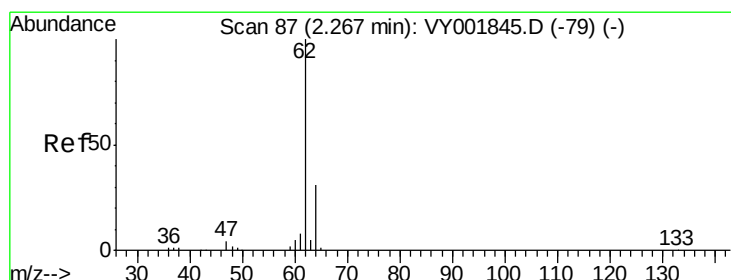
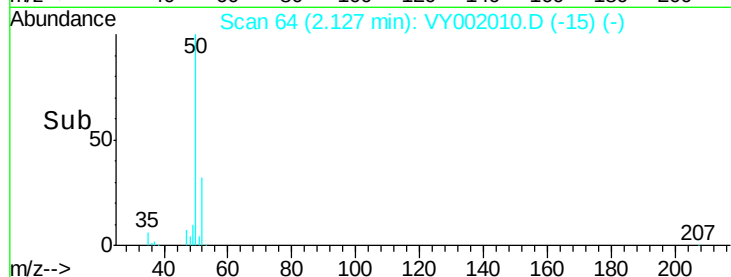
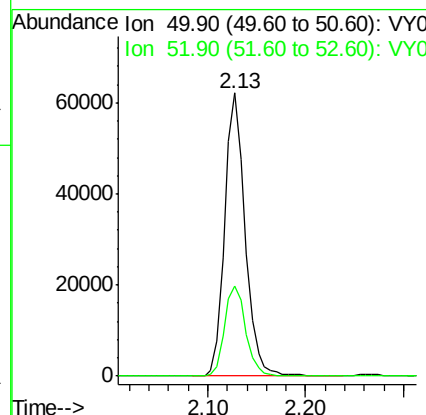
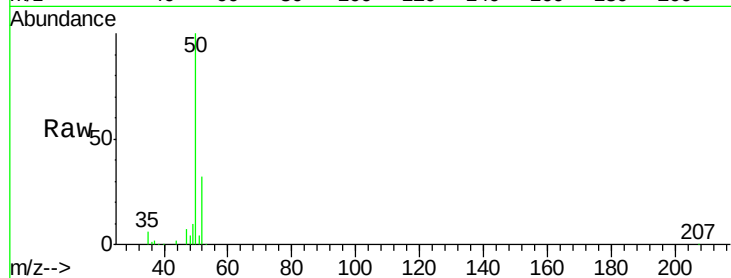
VSTDCCC050EC

Manual Integrations

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#4

Vinyl Chloride

Concen: 51.827 ug/l

RT: 2.27 min Scan# 87

Delta R.T. 0.00 min

Lab File: VY002010.D

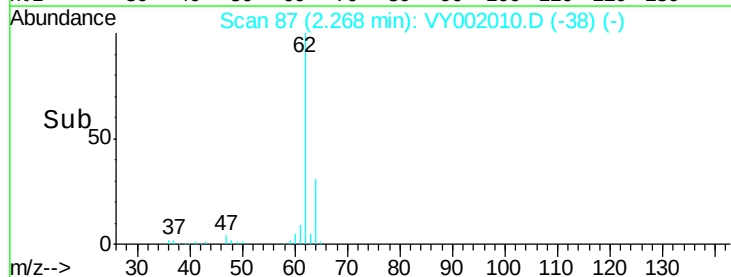
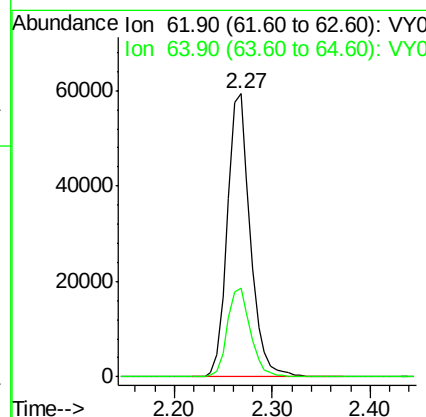
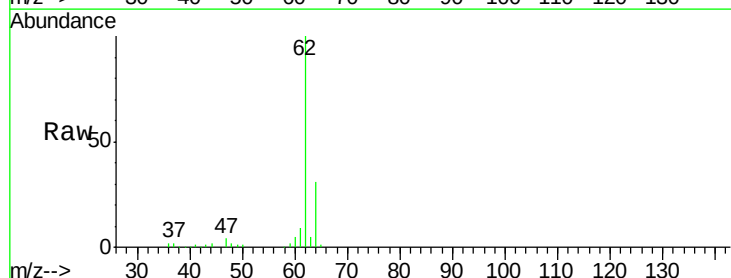
Acq: 18 Mar 2020 17:19

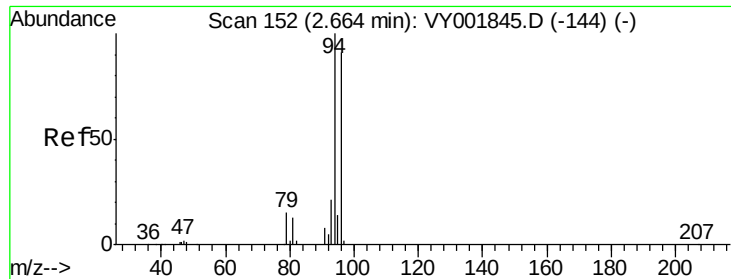
Tgt Ion: 62 Resp: 96617

Ion Ratio Lower Upper

62 100

64 31.4 25.1 37.7





#5

Bromomethane

Concen: 60.258 ug/l

RT: 2.66 min Scan# 152

Delta R.T. 0.00 min

Lab File: VY002010.D

Acq: 18 Mar 2020 17:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 64303

Ion Ratio Lower Upper

94 100

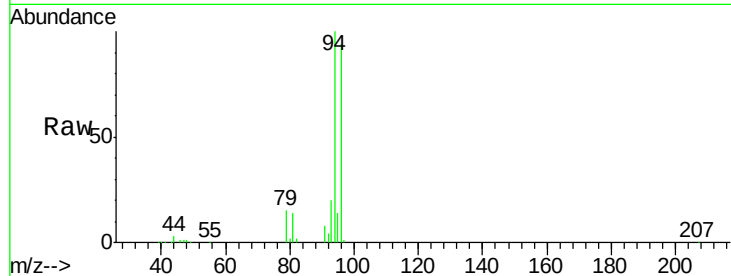
96 94.5 73.2 109.8

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.66

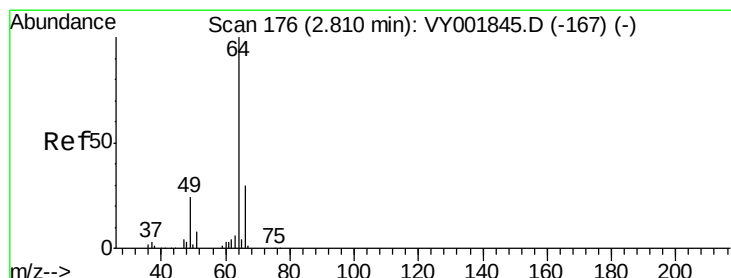
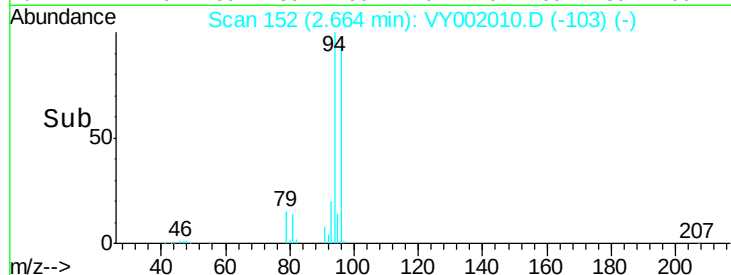
30000

20000

10000

0

Time-->



#6

Chloroethane

Concen: 54.366 ug/l

RT: 2.81 min Scan# 176

Delta R.T. 0.00 min

Lab File: VY002010.D

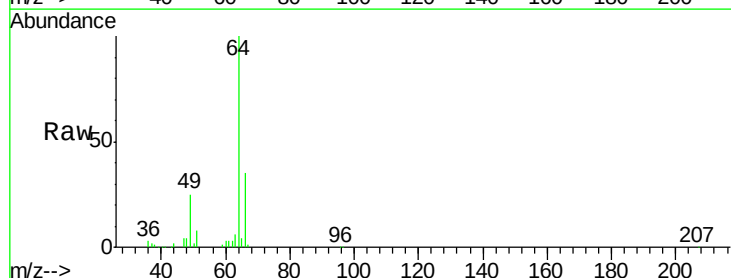
Acq: 18 Mar 2020 17:19

Tgt Ion: 64 Resp: 63665

Ion Ratio Lower Upper

64 100

66 34.6 23.8 35.8



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.81

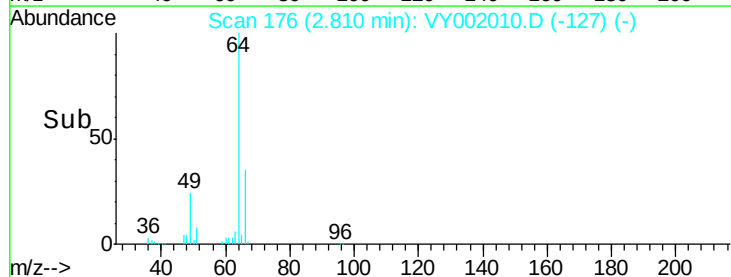
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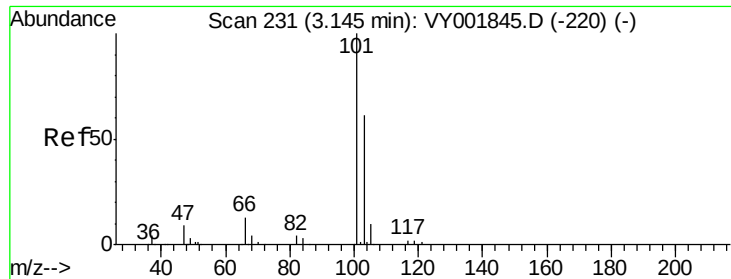
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10000

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Time-->





#7

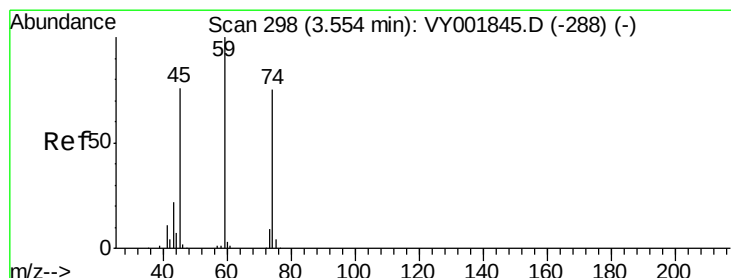
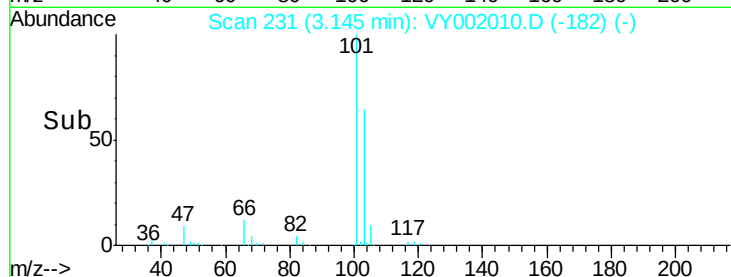
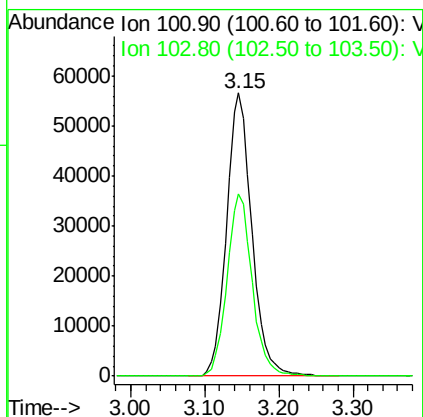
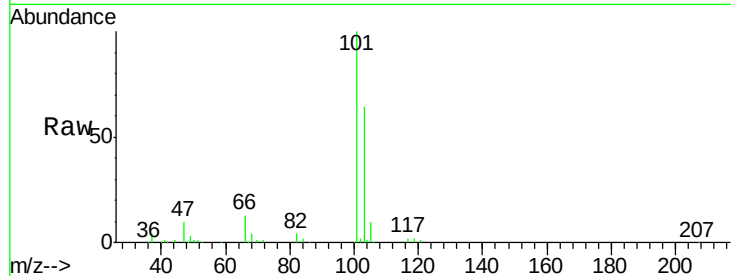
Trichlorofluoromethane
 Concen: 53.237 ug/l
 RT: 3.15 min Scan# 231
 Delta R.T. 0.00 min
 Lab File: VY002010.D
 Acq: 18 Mar 2020 17:19

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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.4	49.1	73.7

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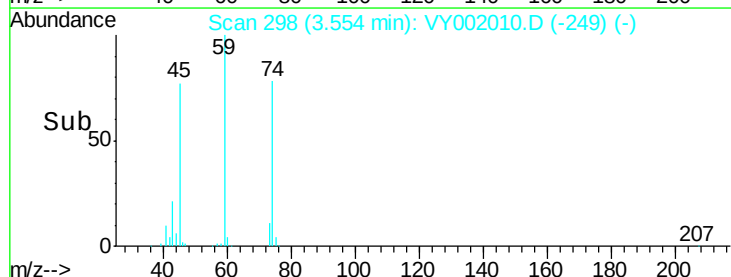
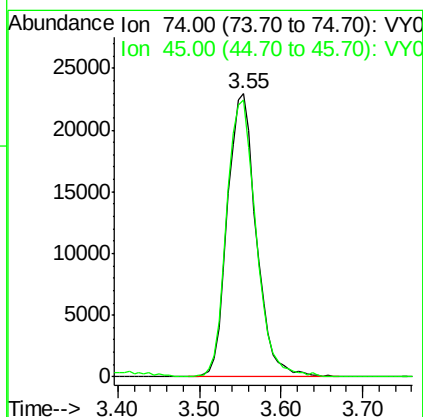
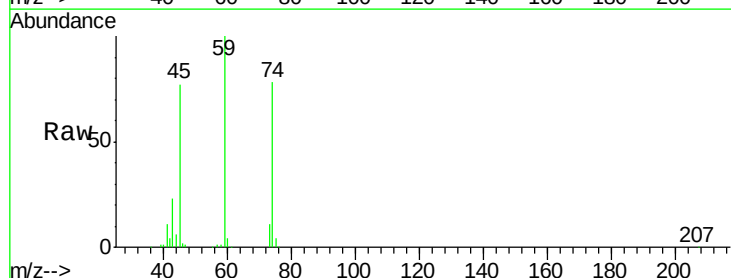
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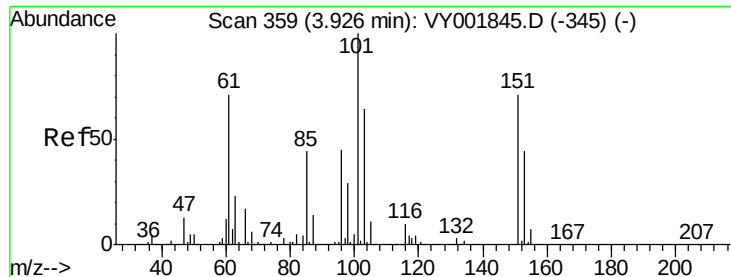


#8

Diethyl Ether
 Concen: 56.067 ug/l
 RT: 3.55 min Scan# 298
 Delta R.T. 0.00 min
 Lab File: VY002010.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.2	50.5	151.5





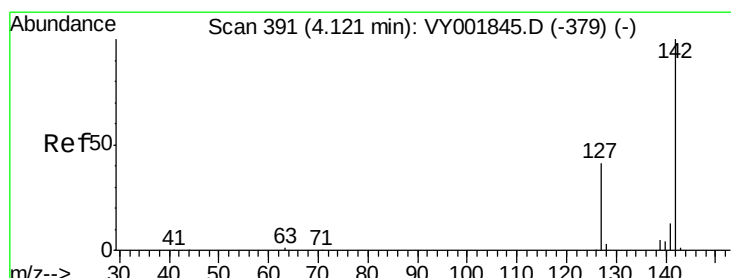
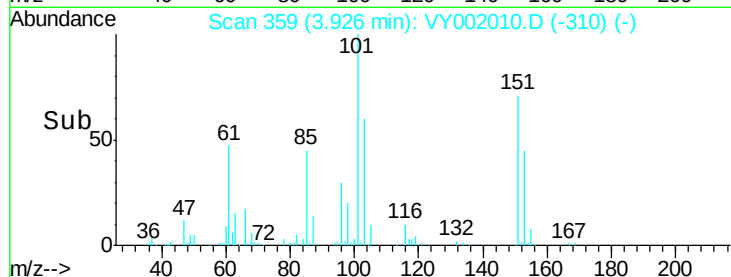
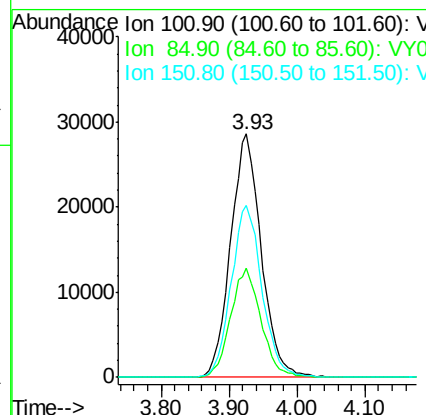
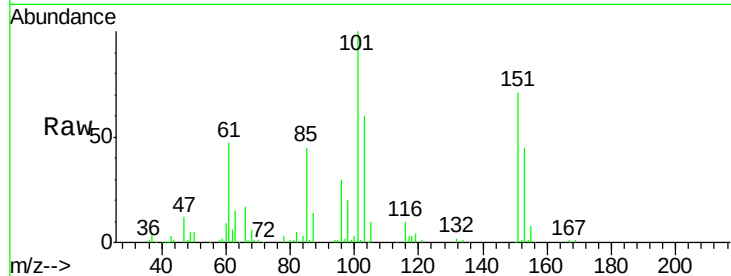
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 54.895 ug/l
 RT: 3.93 min Scan# 359
 Delta R.T. 0.00 min
 Lab File: VY002010.D
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Tot Ion	Ratio	Lower	Upper
101	100		
85	44.4	35.3	52.9
151	71.0	57.0	85.4

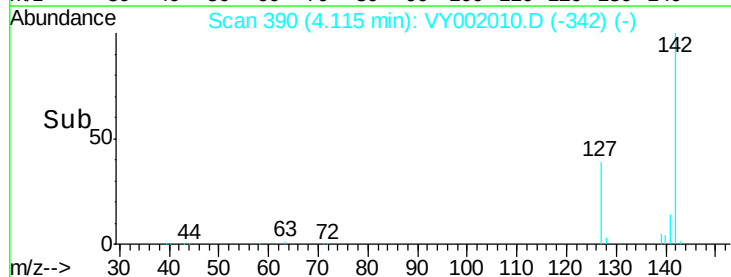
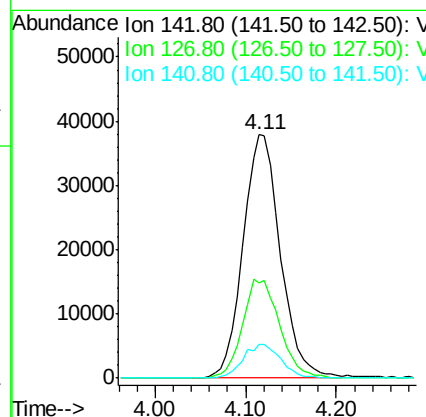
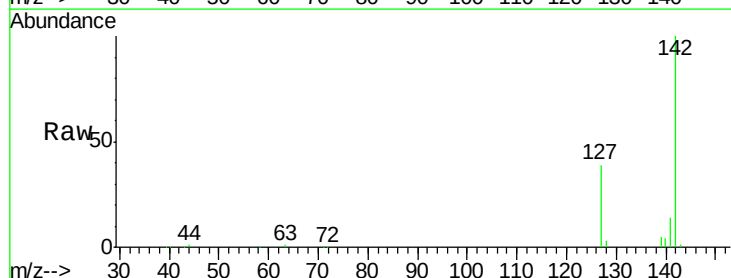
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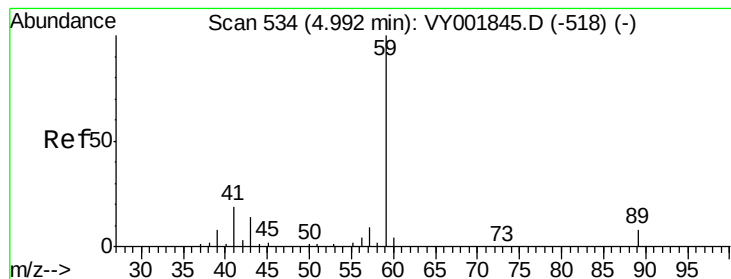
MMDadoda
 3/19/2020 11:59:39 AM



#10
 Methyl Iodide
 Concen: 57.649 ug/l
 RT: 4.11 min Scan# 390
 Delta R.T. -0.01 min
 Lab File: VY002010.D
 Acq: 18 Mar 2020 17:19

Tgt Ion	Ratio	Lower	Upper
142	100		
127	40.5	32.7	49.1
141	14.1	11.0	16.6





#11

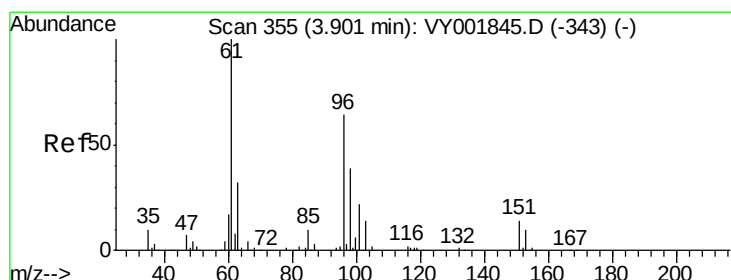
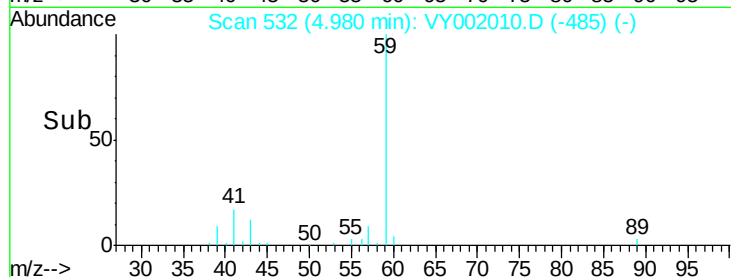
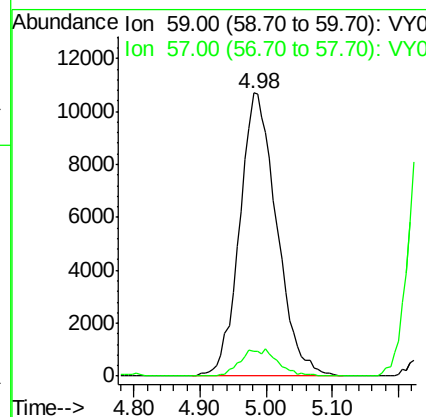
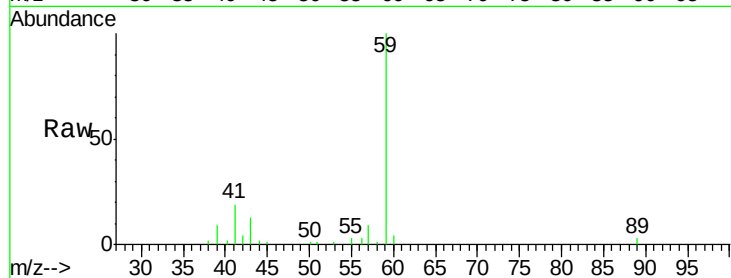
Tert butyl alcohol
 Concen: 254.390 ug/l
 RT: 4.98 min Scan# 532
 Delta R.T. -0.01 min
 Lab File: VY002010.D
 Acq: 18 Mar 2020 17:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.5	7.4	11.2

Manual Integrations
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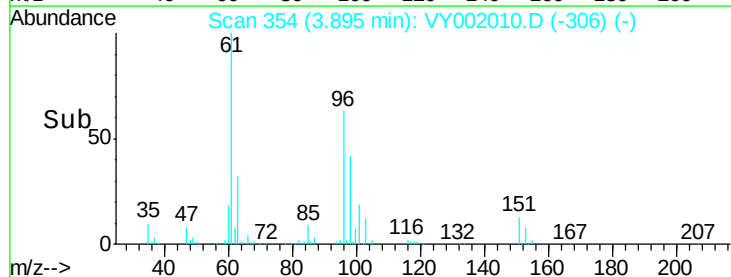
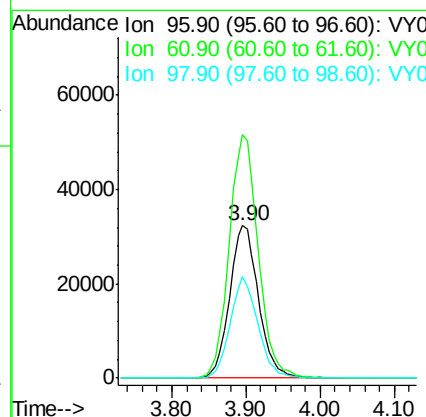
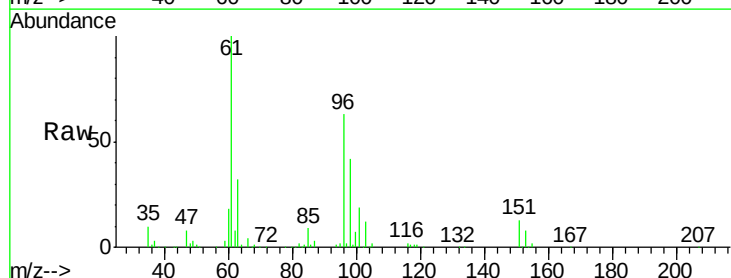
MMDadoda
 3/19/2020 11:59:39 AM

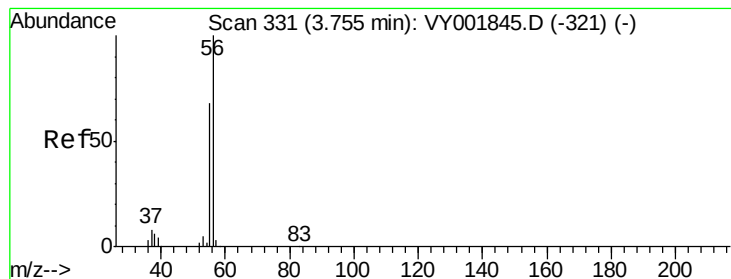


#12

1,1-Dichloroethene
 Concen: 53.398 ug/l
 RT: 3.90 min Scan# 354
 Delta R.T. -0.01 min
 Lab File: VY002010.D
 Acq: 18 Mar 2020 17:19

Tgt Ion	Ratio	Lower	Upper
96	100		
61	159.6	124.8	187.2
98	66.9	49.2	73.8





#13

Acrolein

Concen: 212.347 ug/l

RT: 3.76 min Scan# 331

Delta R.T. 0.00 min

Lab File: VY002010.D

Acq: 18 Mar 2020 17:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 46913

Ion Ratio Lower Upper

56 100

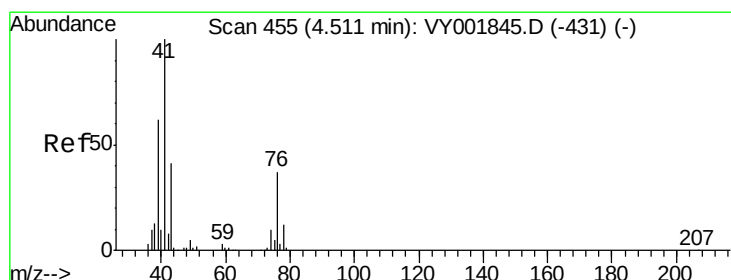
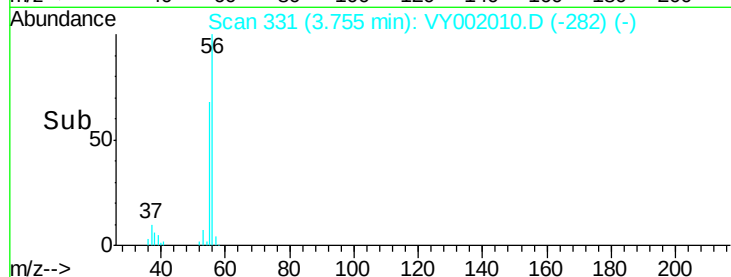
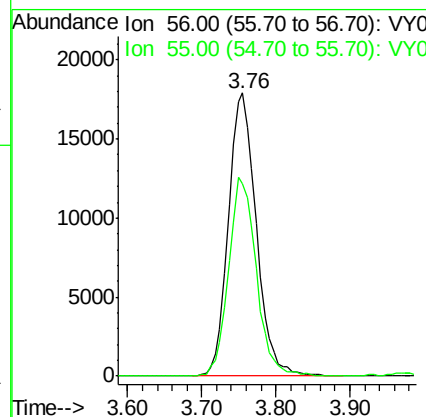
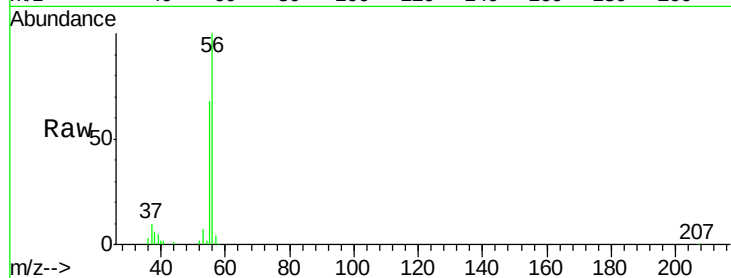
55 69.7 54.0 81.0

Manual Integrations

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MMDadoda

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#14

Allyl chloride

Concen: 56.894 ug/l

RT: 4.50 min Scan# 454

Delta R.T. -0.01 min

Lab File: VY002010.D

Acq: 18 Mar 2020 17:19

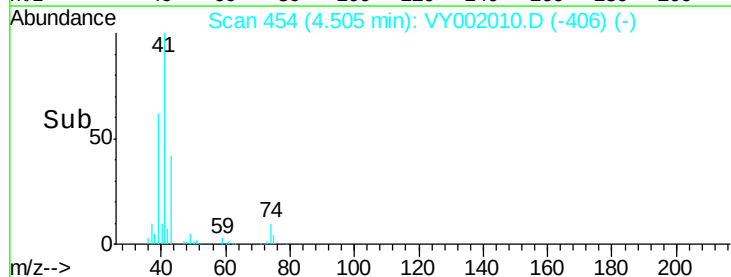
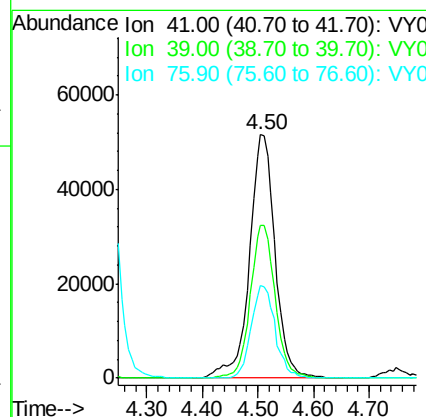
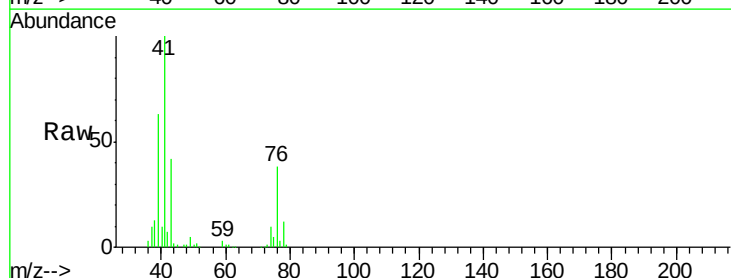
Tgt Ion: 41 Resp: 165144

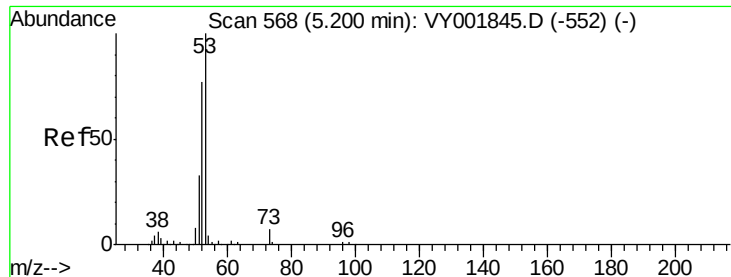
Ion Ratio Lower Upper

41 100

39 61.1 49.0 73.6

76 35.7 28.9 43.3





#15

Acrylonitrile

Concen: 271.610 ug/l

RT: 5.19 min Scan# 567

Delta R.T. -0.01 min

Lab File: VY002010.D

Acq: 18 Mar 2020 17:19

Instrument :

MSVOA_Y

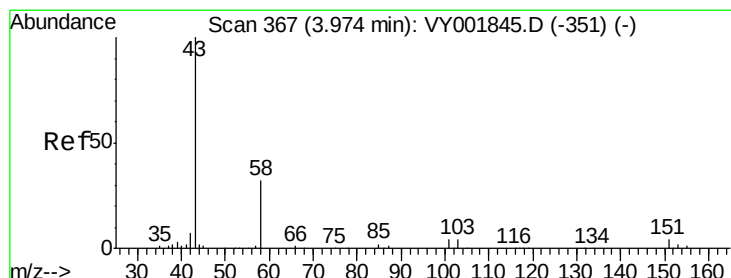
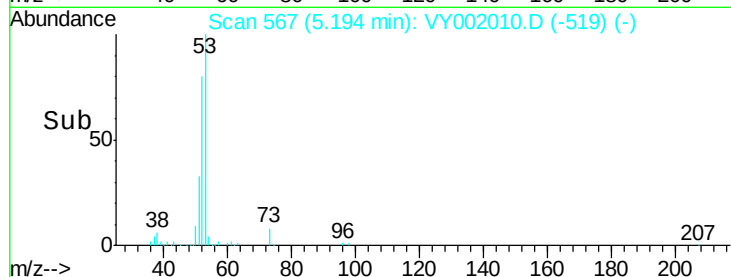
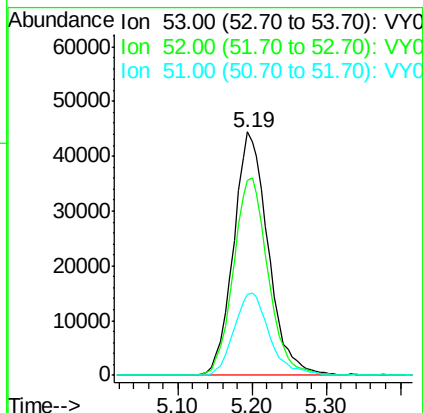
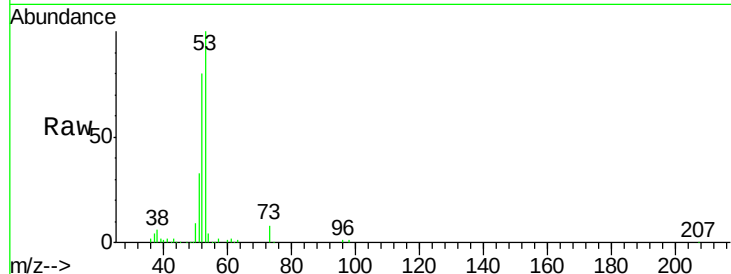
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	144624
Ion	Ratio	Lower	Upper
53	100		
52	81.0	65.1	97.7
51	34.8	27.5	41.3

Manual Integrations
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#16

Acetone

Concen: 235.237 ug/l

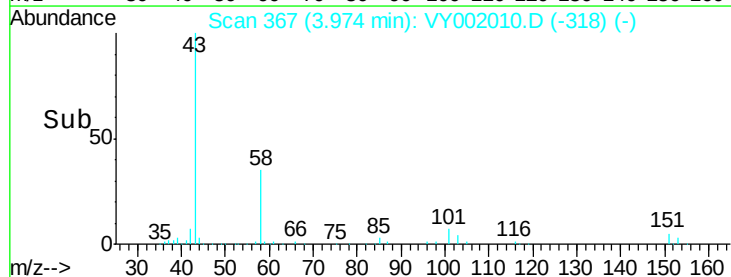
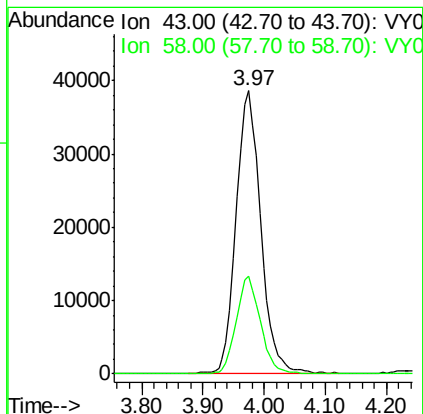
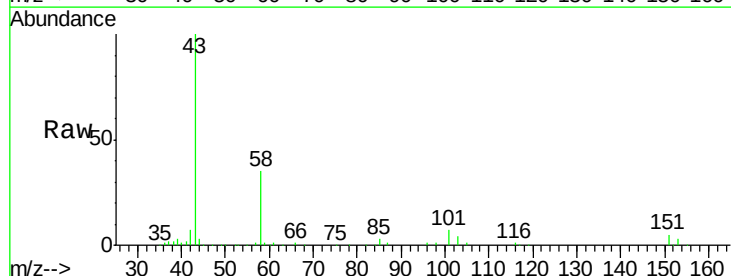
RT: 3.97 min Scan# 367

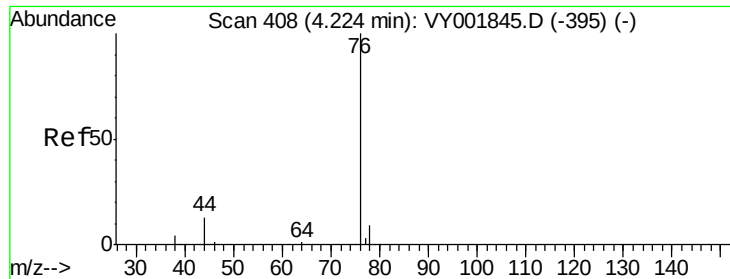
Delta R.T. 0.00 min

Lab File: VY002010.D

Acq: 18 Mar 2020 17:19

Tgt Ion:	43	Resp:	107717
Ion	Ratio	Lower	Upper
43	100		
58	34.6	25.9	38.9





#17

Carbon Disulfide

Concen: 49.880 ug/l

RT: 4.22 min Scan# 407

Delta R.T. -0.01 min

Lab File: VY002010.D

Acq: 18 Mar 2020 17:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 274545

Ion Ratio Lower Upper

76 100

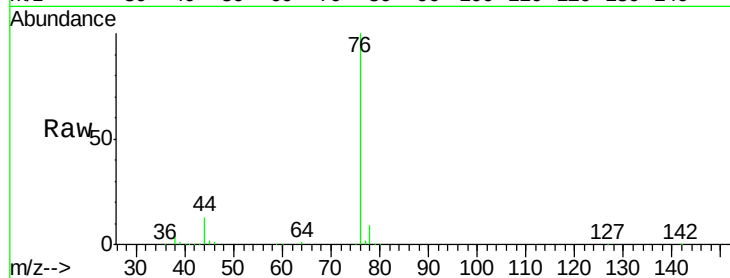
78 9.0 7.4 11.2

Manual Integrations

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3/19/2020 11:59:39 AM



Abundance Ion 75.90 (75.60 to 76.60): VY001845.D (-395) (-)

Ion 77.90 (77.60 to 78.60): VY001845.D (-395) (-)

4.22

100000

80000

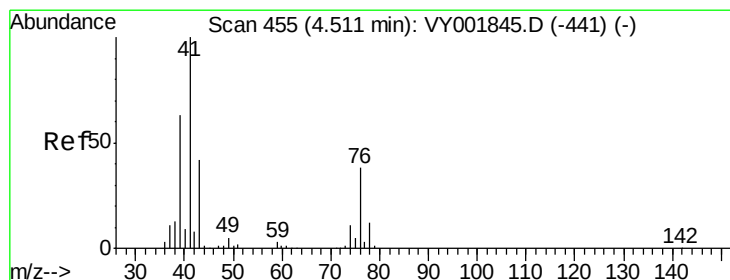
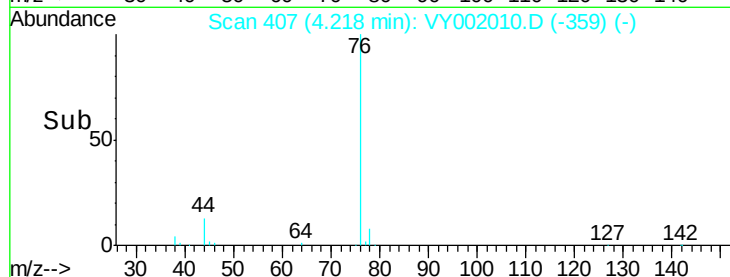
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 53.542 ug/l

RT: 4.50 min Scan# 454

Delta R.T. -0.01 min

Lab File: VY002010.D

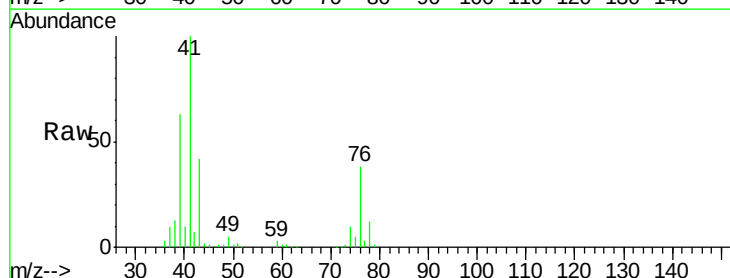
Acq: 18 Mar 2020 17:19

Tgt Ion: 43 Resp: 62996

Ion Ratio Lower Upper

43 100

74 22.7 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VY001845.D (-441) (-)

Ion 74.00 (73.70 to 74.70): VY001845.D (-441) (-)

4.50

25000

20000

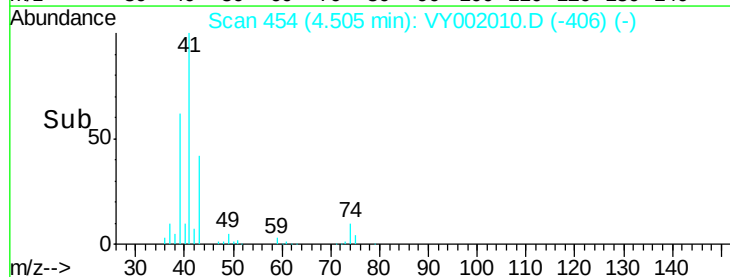
15000

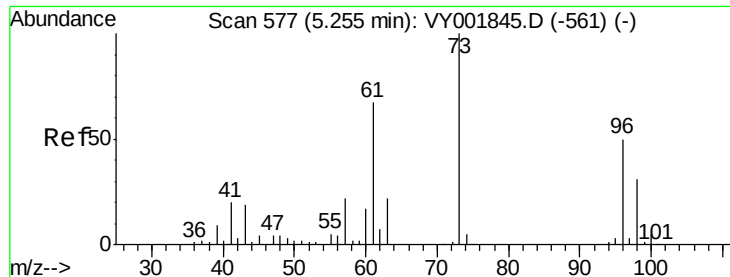
10000

5000

0

Time-->





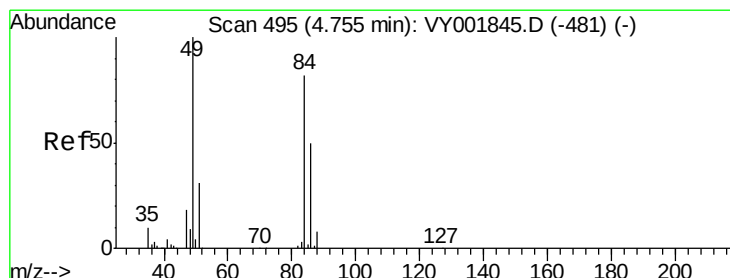
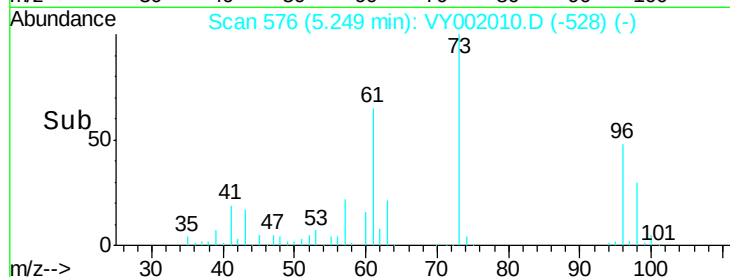
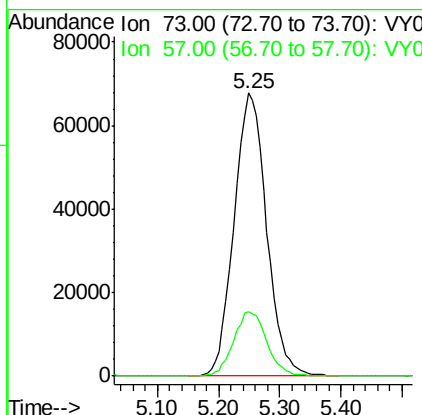
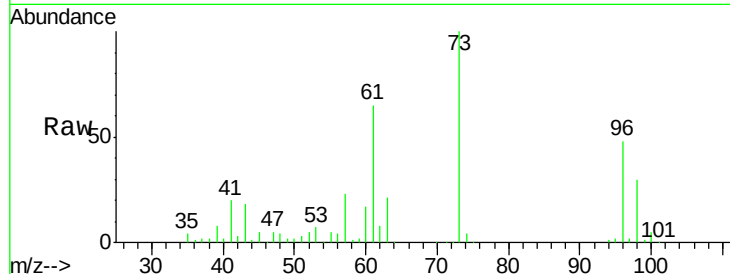
#19
Methyl tert-butyl Ether
Concen: 56.181 ug/l
RT: 5.25 min Scan# 576
Delta R.T. -0.01 min
Lab File: VY002010.D
Acq: 18 Mar 2020 17:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.7	17.4	26.2

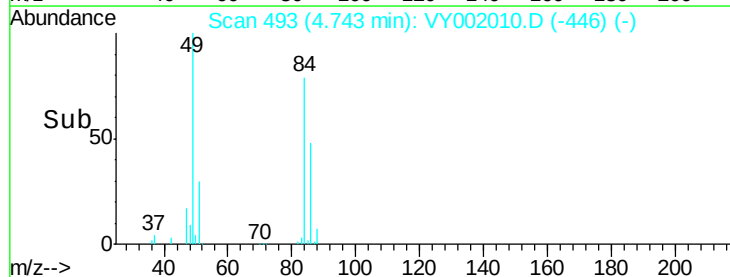
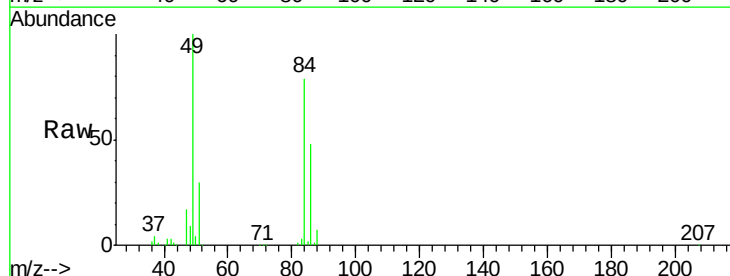
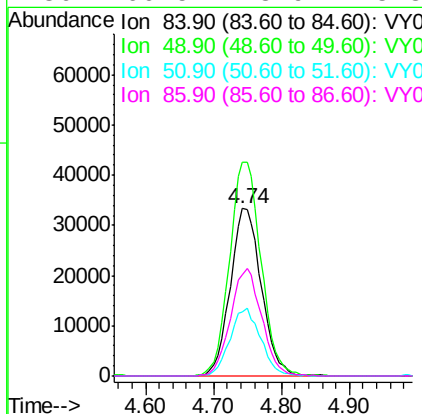
Manual Integrations
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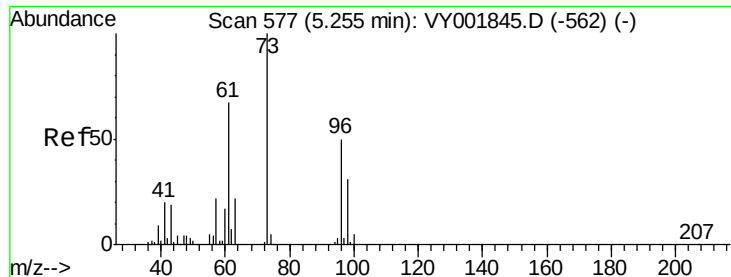
MMDadoda
3/19/2020 11:59:39 AM



#20
Methylene Chloride
Concen: 53.869 ug/l
RT: 4.74 min Scan# 493
Delta R.T. -0.01 min
Lab File: VY002010.D
Acq: 18 Mar 2020 17:19

Tgt Ion	Ratio	Lower	Upper
84	100		
49	127.2	98.2	147.2
51	38.3	30.2	45.2
86	60.5	48.9	73.3





#21

trans-1,2-Dichloroethene

Concen: 54.706 ug/l

RT: 5.25 min Scan# 577

Delta R.T. 0.00 min

Lab File: VY002010.D

Acq: 18 Mar 2020 17:19

Instrument :

MSVOA_Y

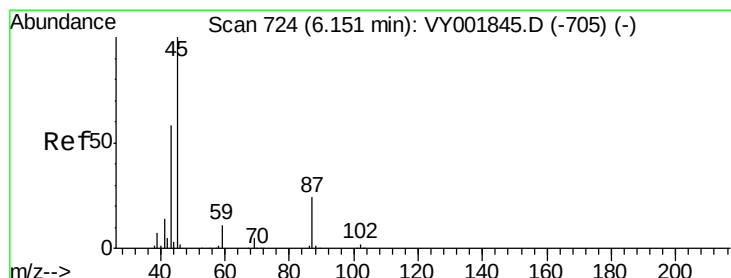
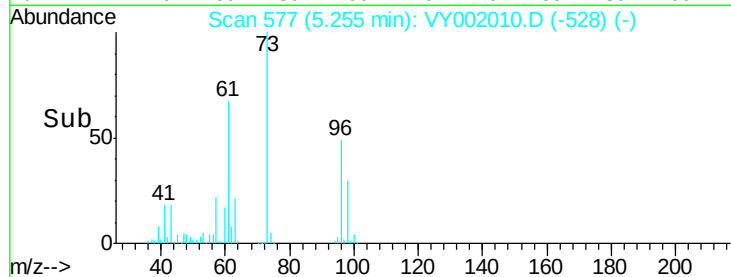
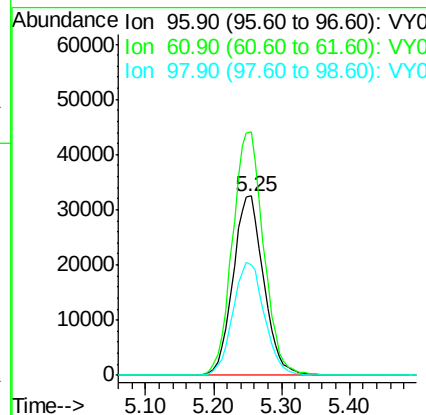
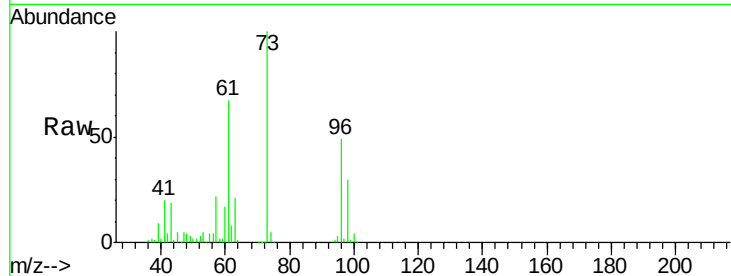
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	101666
Ion	Ratio	Lower	Upper
96	100		
61	135.6	107.7	161.5
98	61.9	49.3	73.9

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3/19/2020 11:59:39 AM



#22

Diisopropyl ether

Concen: 57.913 ug/l

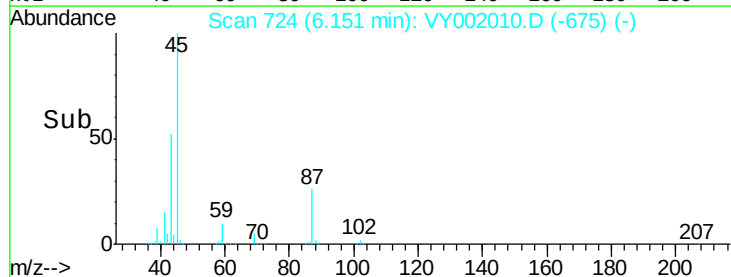
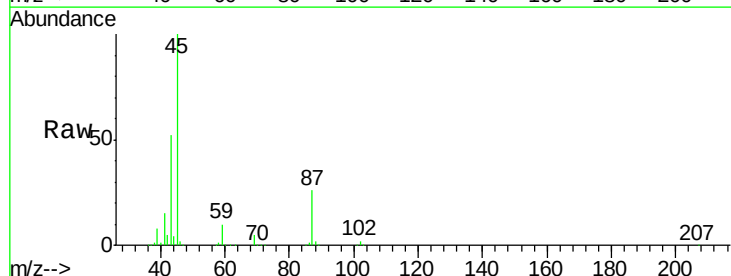
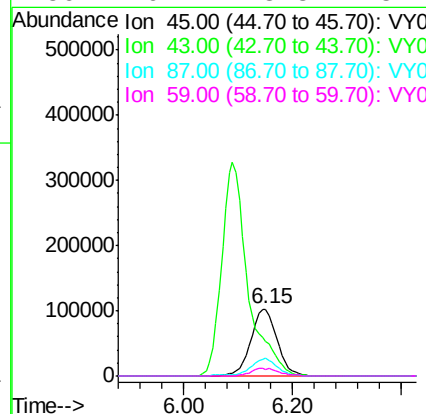
RT: 6.15 min Scan# 724

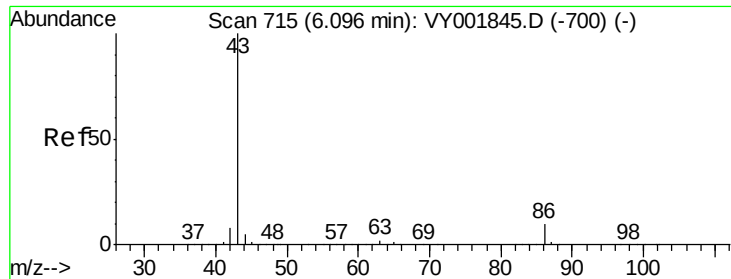
Delta R.T. 0.00 min

Lab File: VY002010.D

Acq: 18 Mar 2020 17:19

Tgt Ion:	45	Resp:	344581
Ion	Ratio	Lower	Upper
45	100		
43	52.2	47.2	70.8
87	26.4	19.8	29.8
59	10.4	8.8	13.2





#23

Vinyl Acetate

Concen: 280.438 ug/l

RT: 6.09 min Scan# 714

Delta R.T. -0.01 min

Lab File: VY002010.D

Acq: 18 Mar 2020 17:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1093880

Ion Ratio Lower Upper

43 100

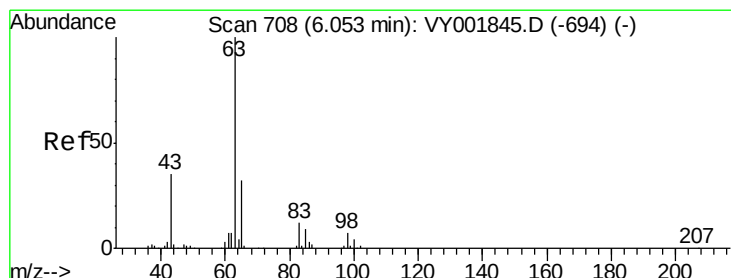
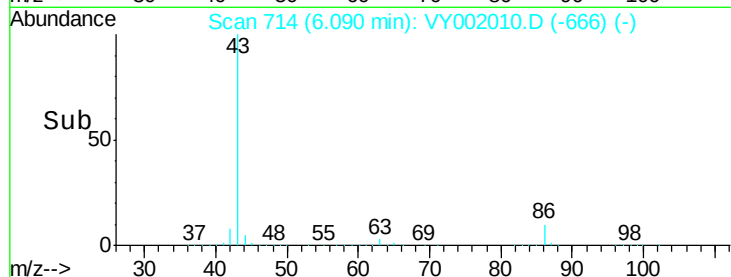
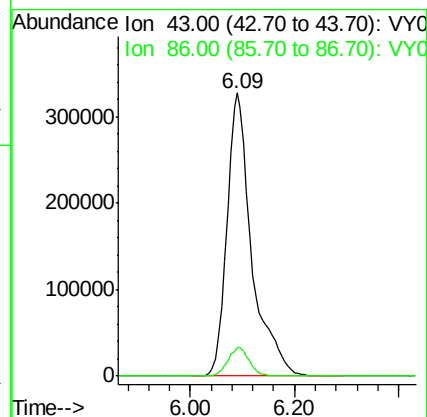
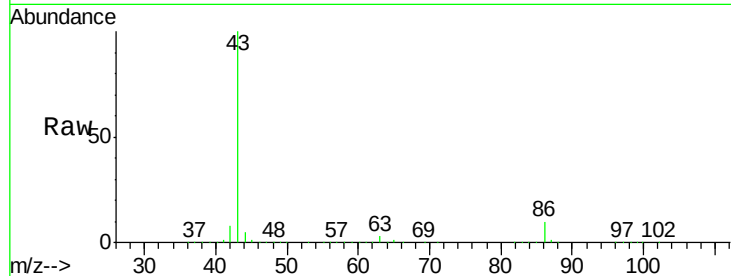
86 10.1 7.8 11.8

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 56.784 ug/l

RT: 6.05 min Scan# 707

Delta R.T. -0.01 min

Lab File: VY002010.D

Acq: 18 Mar 2020 17:19

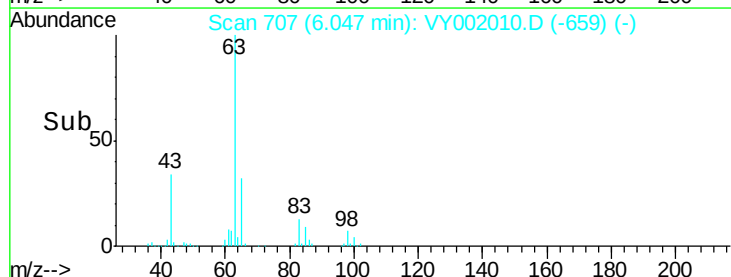
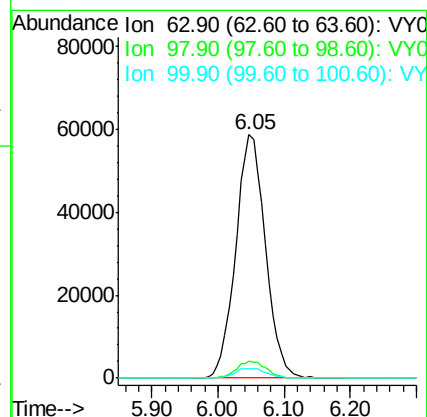
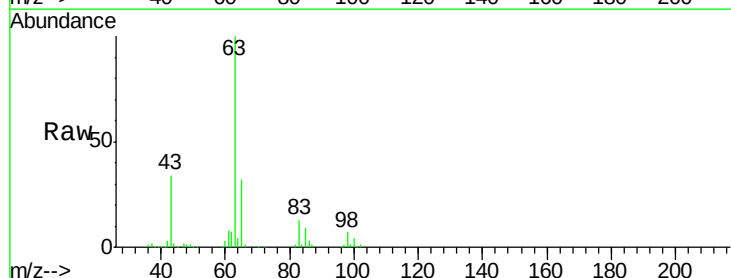
Tgt Ion: 63 Resp: 182964

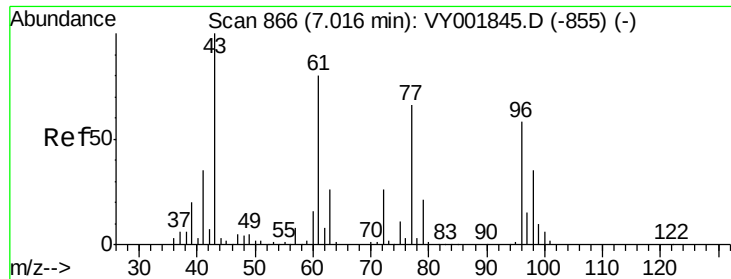
Ion Ratio Lower Upper

63 100

98 7.1 3.4 10.2

100 4.0 2.0 6.0





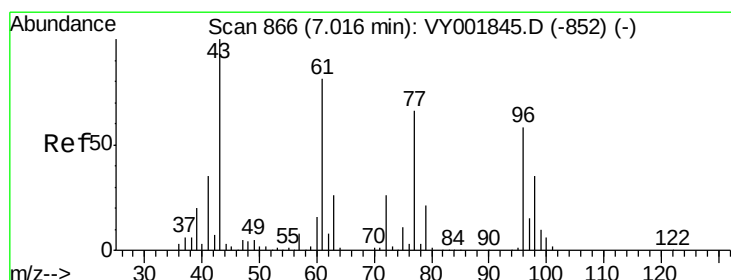
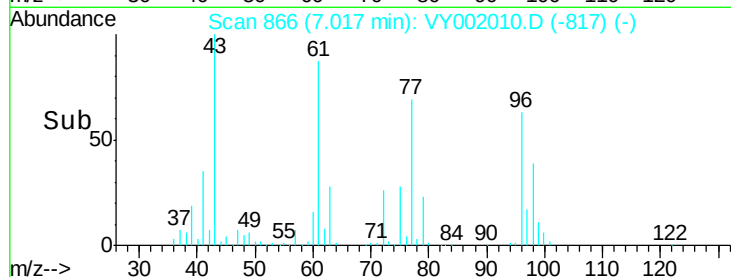
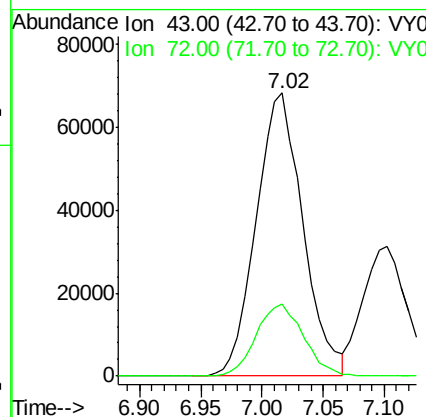
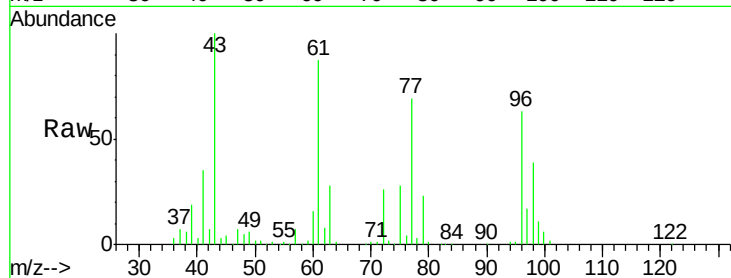
#25
2-Butanone
Concen: 261.116 ug/l
RT: 7.02 min Scan# 866
Delta R.T. 0.00 min
Lab File: VY002010.D
Acq: 18 Mar 2020 17:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 181829
Ion Ratio Lower Upper
43 100
72 25.7 20.9 31.3

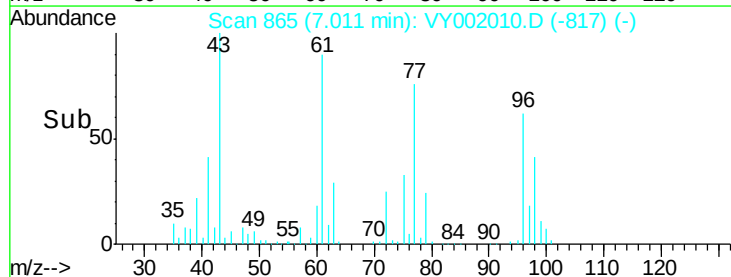
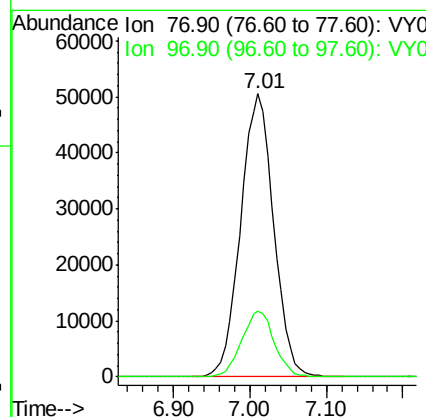
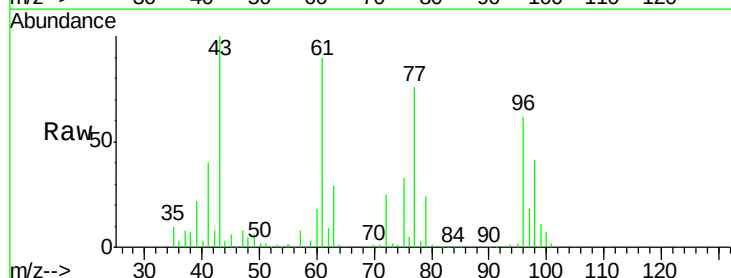
Manual Integrations
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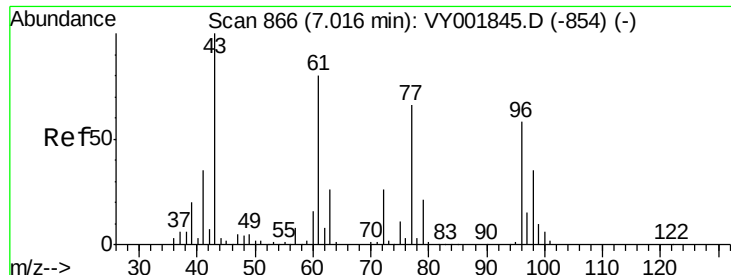
MMDadoda
3/19/2020 11:59:39 AM



#26
2,2-Dichloropropane
Concen: 57.097 ug/l
RT: 7.01 min Scan# 865
Delta R.T. -0.01 min
Lab File: VY002010.D
Acq: 18 Mar 2020 17:19

Tgt Ion: 77 Resp: 150999
Ion Ratio Lower Upper
77 100
97 23.0 11.9 35.7





#27

cis-1,2-Dichloroethene

Concen: 56.981 ug/l

RT: 7.02 min Scan# 866

Delta R.T. 0.00 min

Lab File: VY002010.D

Acq: 18 Mar 2020 17:19

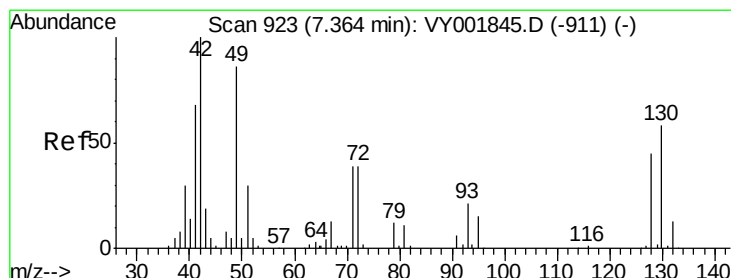
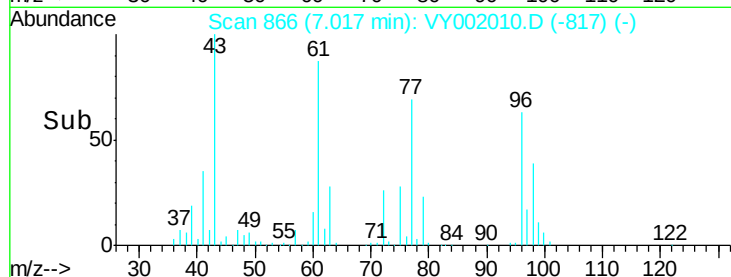
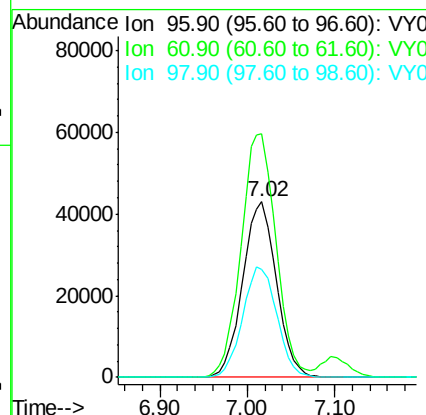
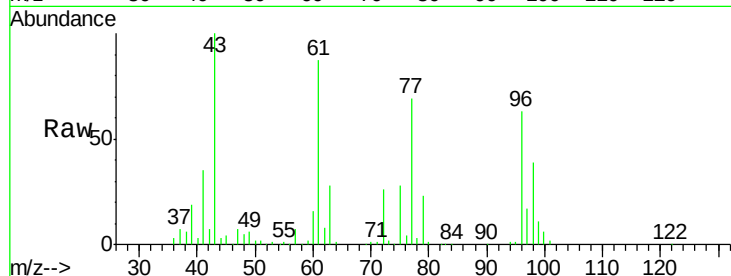
Instrument :
MSVOA_Y

ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	144.2	0.0	288.2	
98	63.8	0.0	129.0	

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#28

Bromochloromethane

Concen: 55.665 ug/l

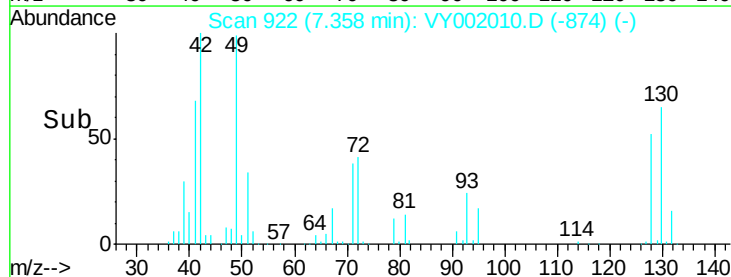
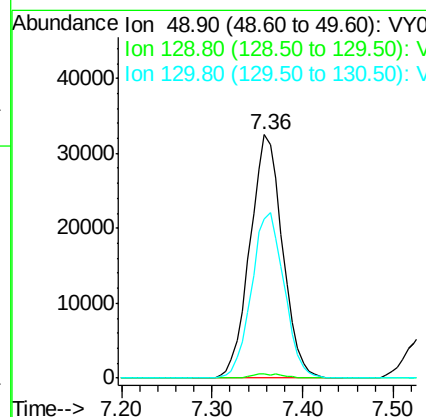
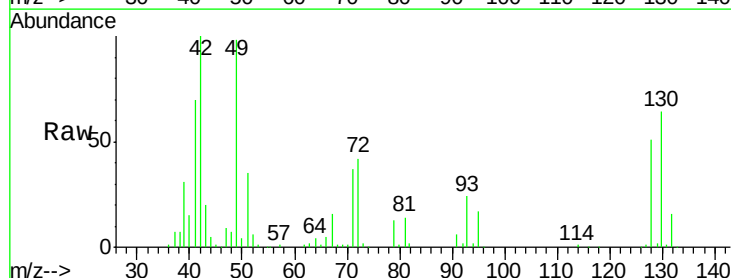
RT: 7.36 min Scan# 922

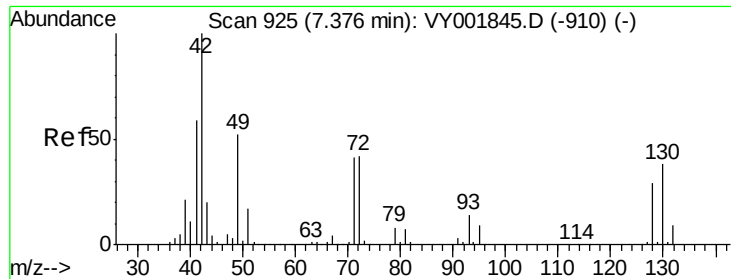
Delta R.T. -0.01 min

Lab File: VY002010.D

Acq: 18 Mar 2020 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.8	0.0	3.8	
130	68.2	54.4	81.6	





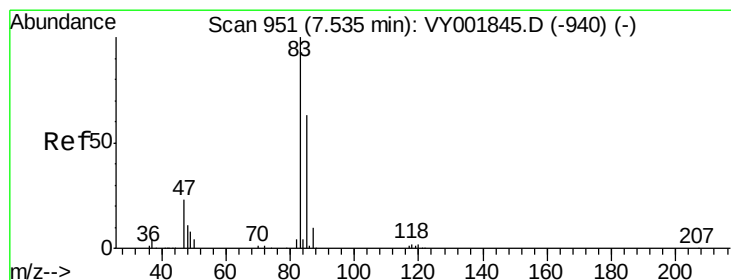
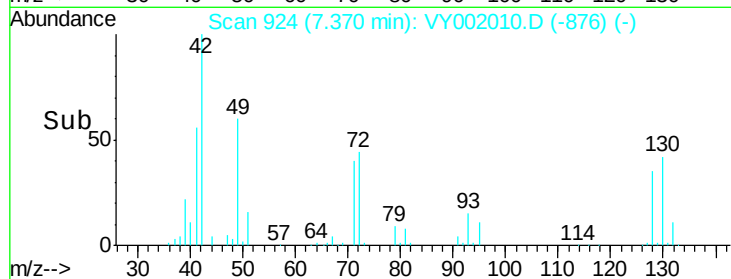
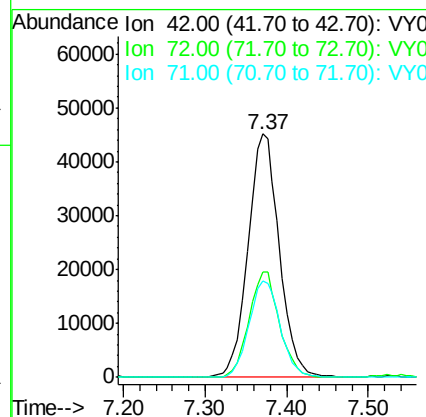
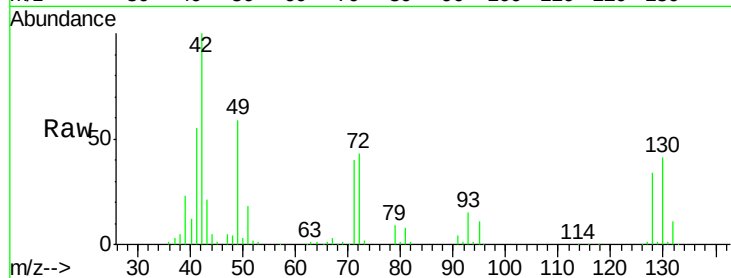
#29
Tetrahydrofuran
Concen: 260.528 ug/l
RT: 7.37 min Scan# 924
Delta R.T. -0.01 min
Lab File: VY002010.D
Acq: 18 Mar 2020 17:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.9	33.5	50.3
71	39.5	31.3	46.9

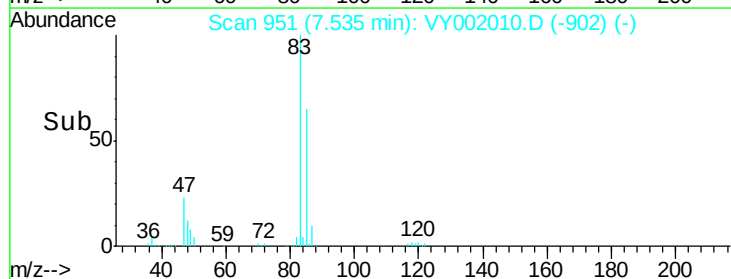
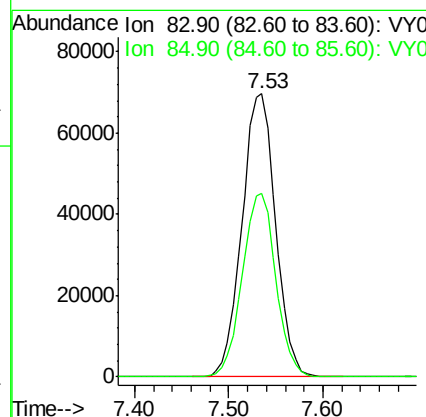
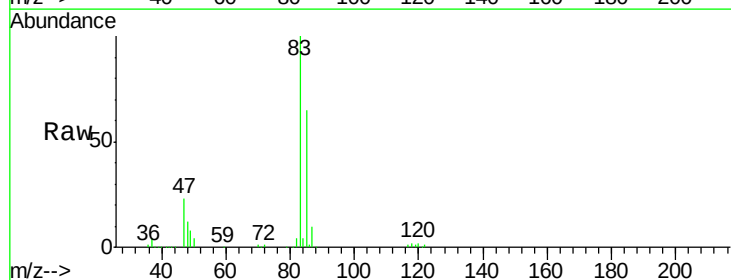
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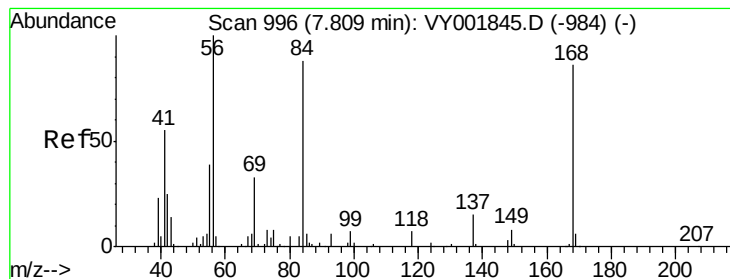
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#30
Chloroform
Concen: 57.416 ug/l
RT: 7.53 min Scan# 951
Delta R.T. 0.00 min
Lab File: VY002010.D
Acq: 18 Mar 2020 17:19

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.7	50.7	76.1





#31

Cyclohexane

Concen: 51.306 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY002010.D

Acq: 18 Mar 2020 17:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 177251

Ion Ratio Lower Upper

56 100

69 31.9 26.7 40.1

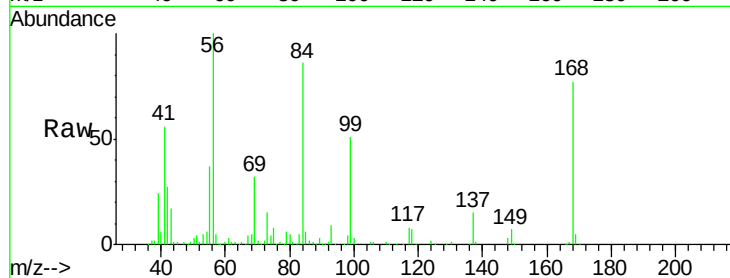
84 85.3 70.4 105.6

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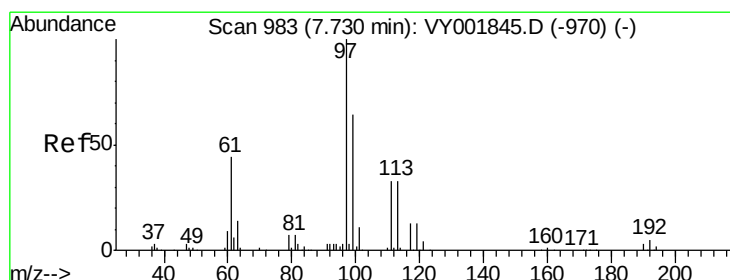
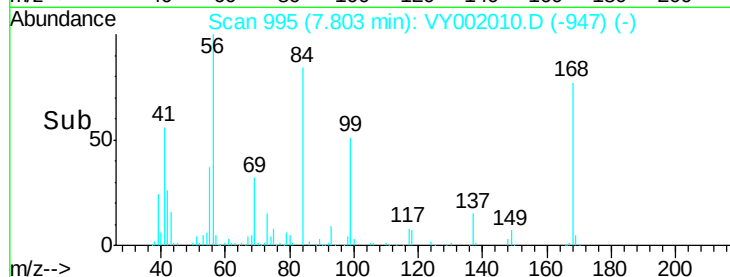
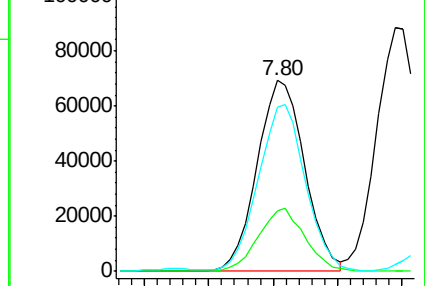
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Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 57.554 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY002010.D

Acq: 18 Mar 2020 17:19

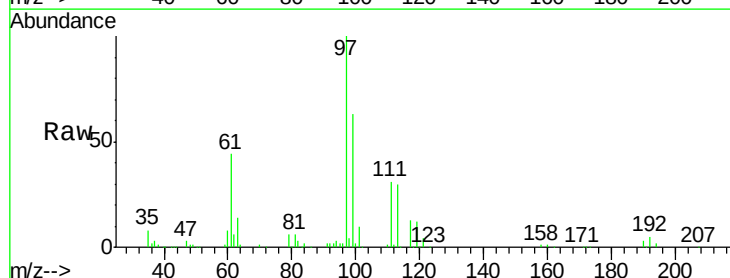
Tgt Ion: 97 Resp: 146848

Ion Ratio Lower Upper

97 100

99 63.7 52.0 78.0

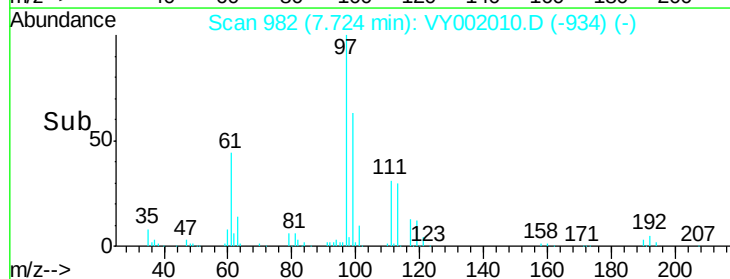
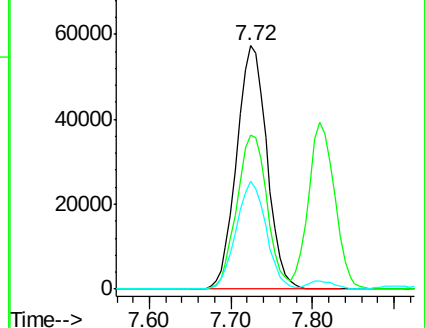
61 44.0 35.0 52.4

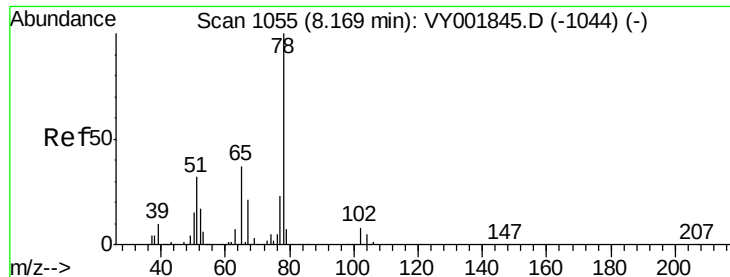


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

Ion 60.90 (60.60 to 61.60): VY0





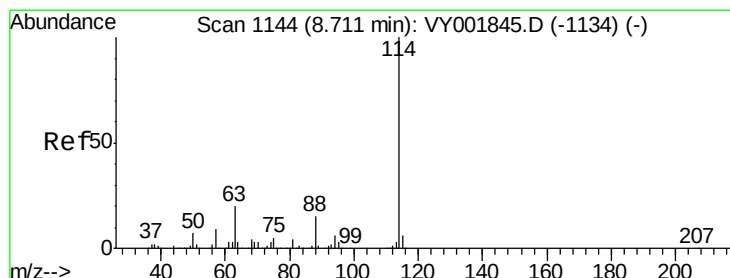
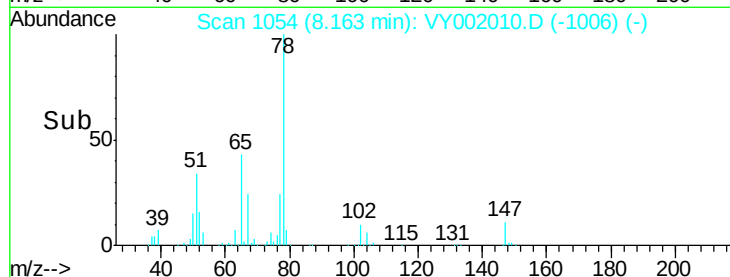
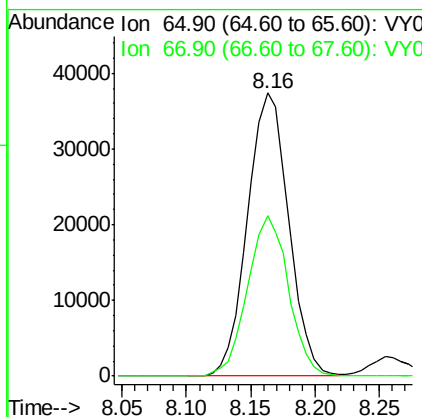
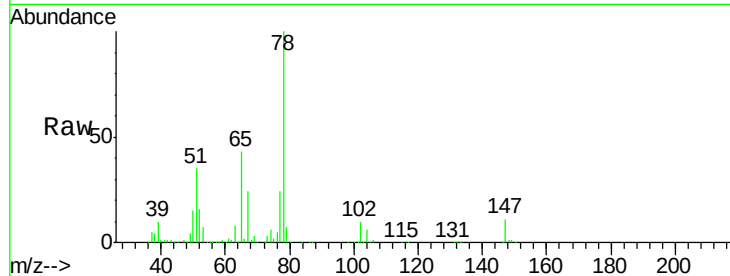
#33
 1,2-Dichloroethane-d4
 Concen: 52.624 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. -0.01 min
 Lab File: VY002010.D
 Acq: 18 Mar 2020 17:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	56.3	0.0	110.8

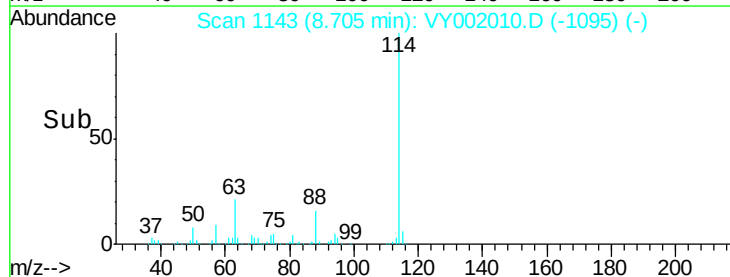
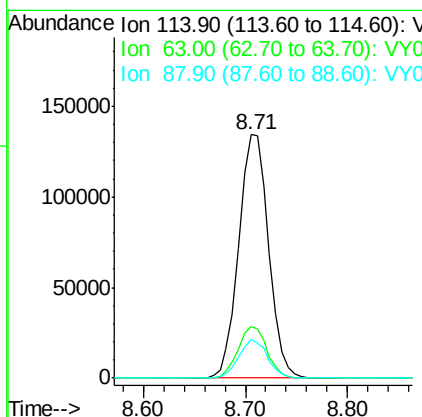
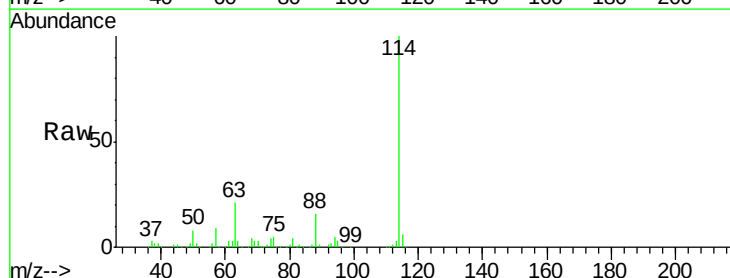
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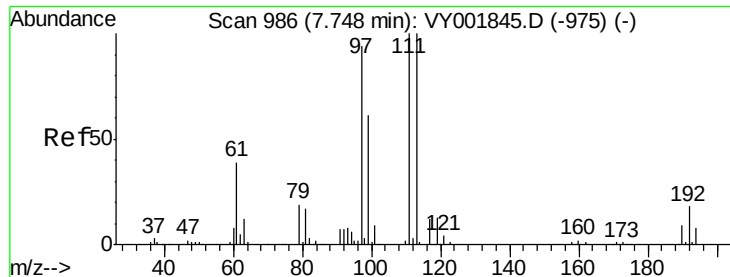
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: VY002010.D
 Acq: 18 Mar 2020 17:19

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	39.4
88	15.7	0.0	30.4





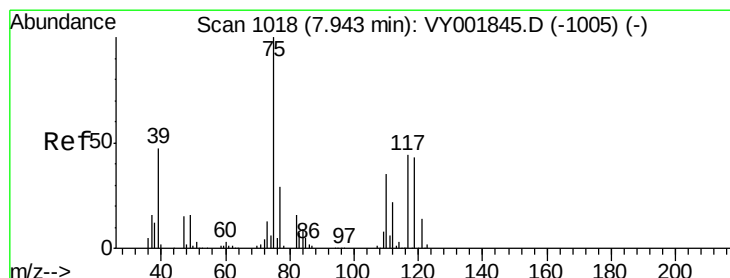
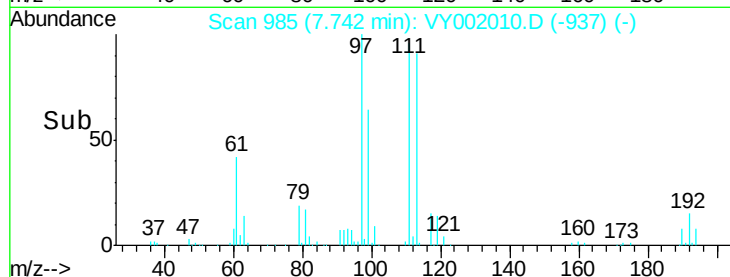
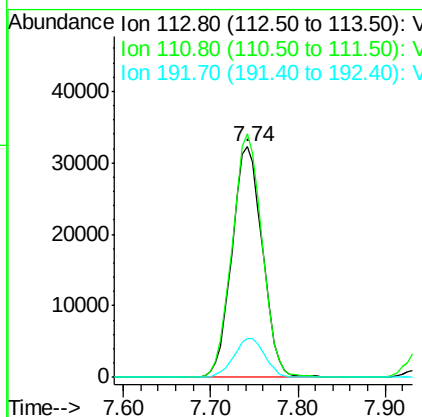
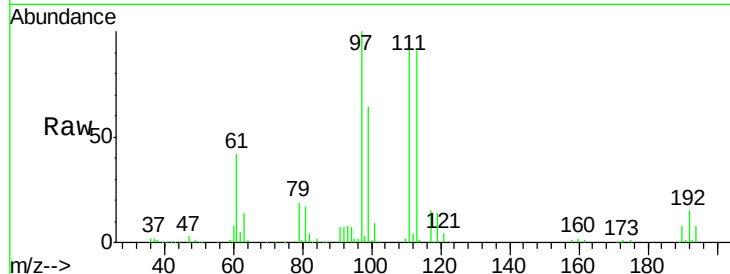
#35
Dibromofluoromethane
Concen: 52.569 ug/l
RT: 7.74 min Scan# 985
Delta R.T. -0.01 min
Lab File: VY002010.D
Acq: 18 Mar 2020 17:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.9	81.8	122.8
192	17.2	14.2	21.2

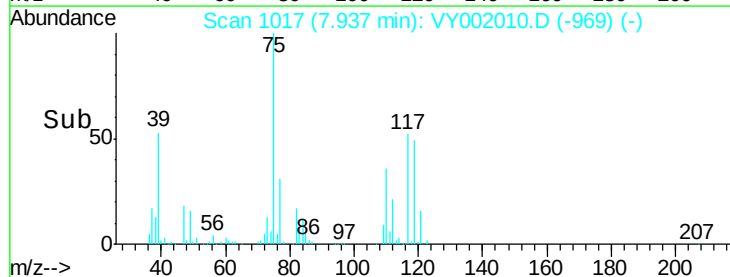
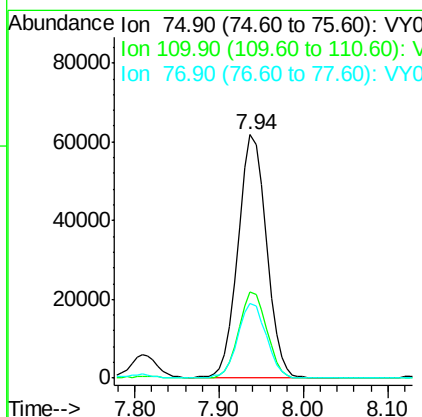
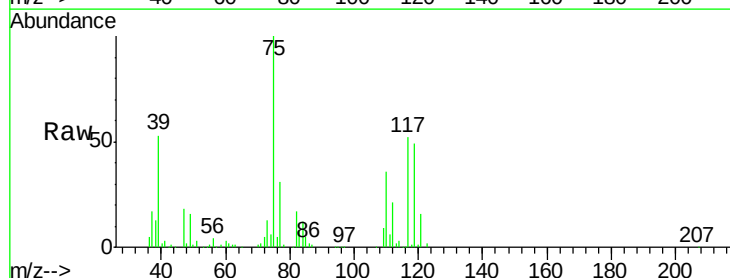
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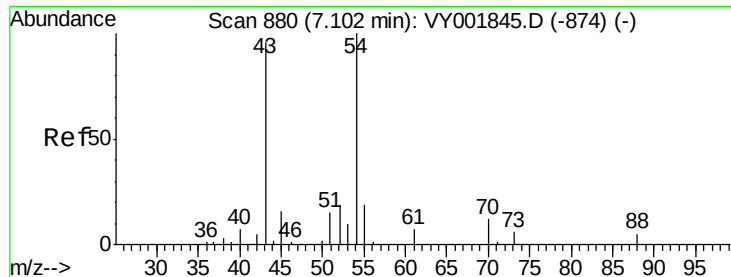
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#36
1,1-Dichloropropene
Concen: 53.822 ug/l
RT: 7.94 min Scan# 1017
Delta R.T. -0.01 min
Lab File: VY002010.D
Acq: 18 Mar 2020 17:19

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.7	17.4	52.2
77	30.8	24.2	36.2





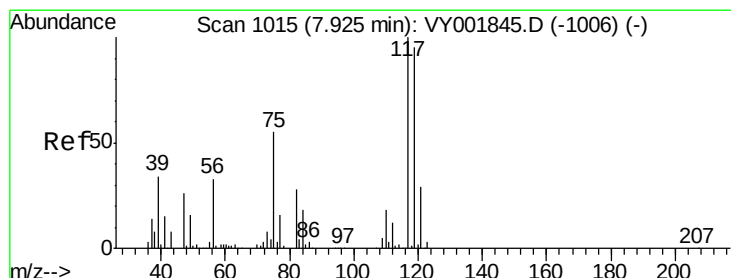
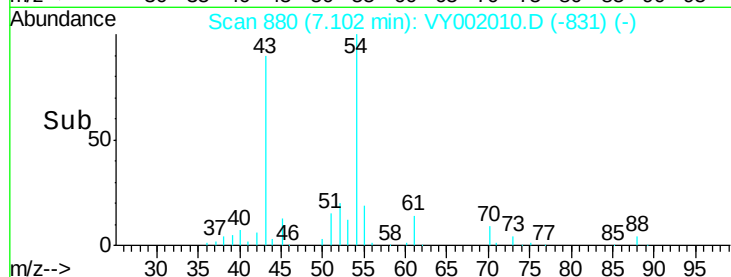
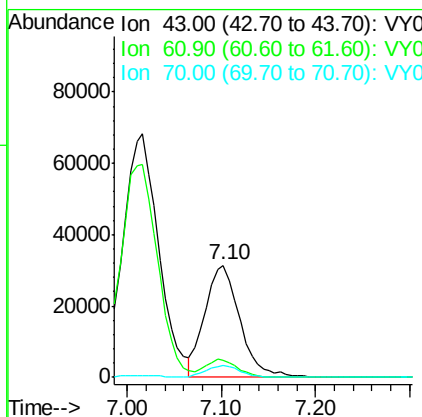
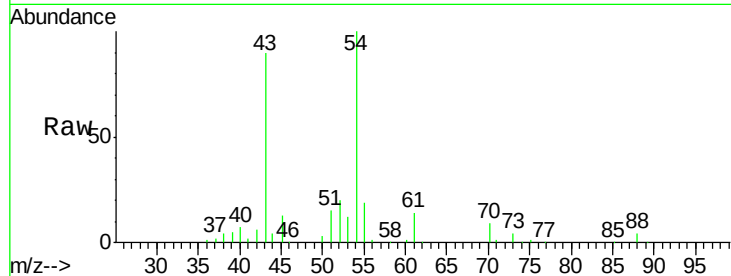
#37
Ethyl Acetate
Concen: 52.943 ug/l
RT: 7.10 min Scan# 880
Delta R.T. 0.00 min
Lab File: VY002010.D
Acq: 18 Mar 2020 17:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.5	11.1	16.7
70	10.3	8.2	12.4

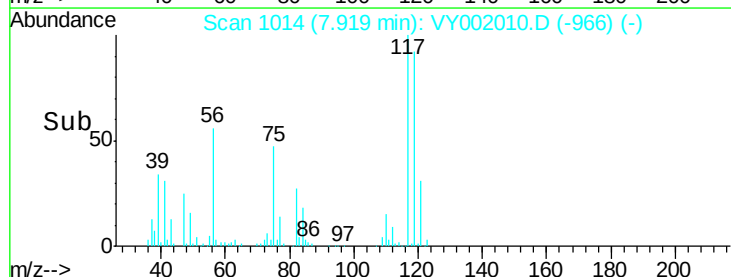
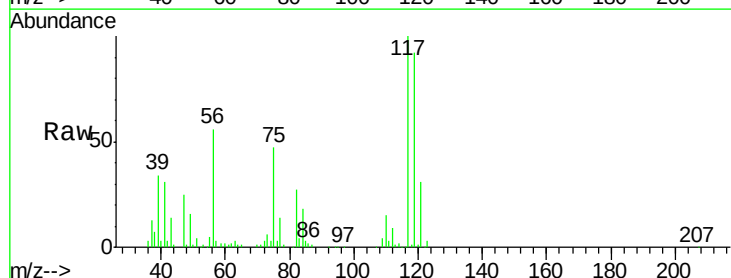
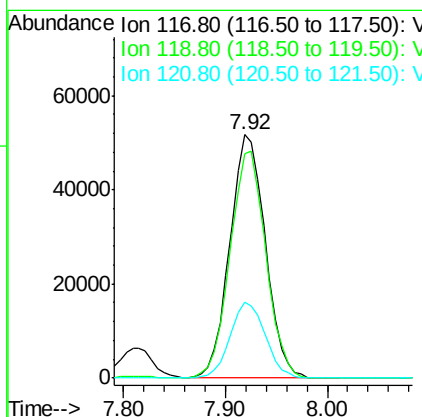
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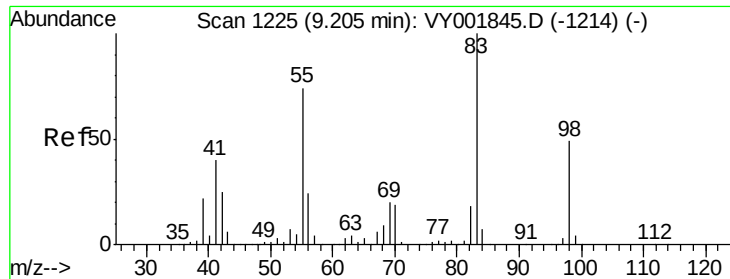
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#38
Carbon Tetrachloride
Concen: 55.844 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. -0.01 min
Lab File: VY002010.D
Acq: 18 Mar 2020 17:19

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.3	76.3	114.5
121	31.1	23.5	35.3





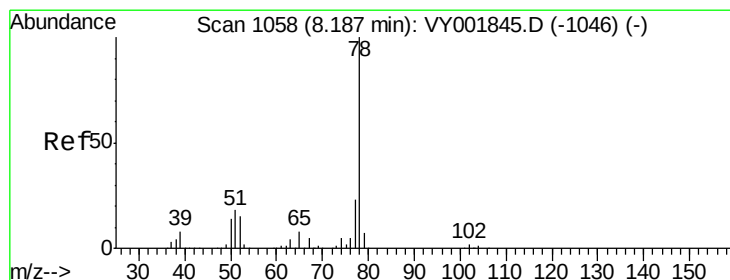
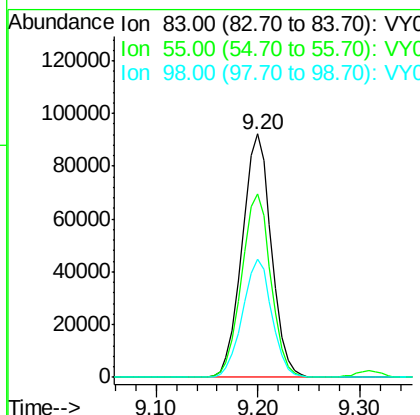
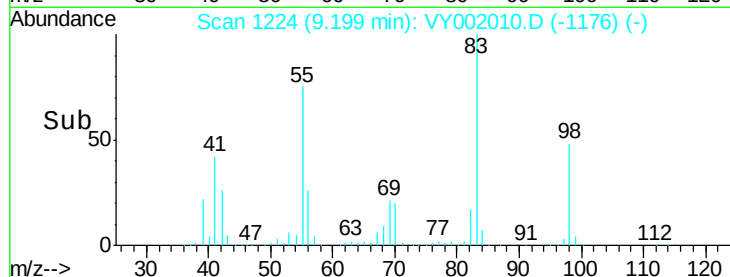
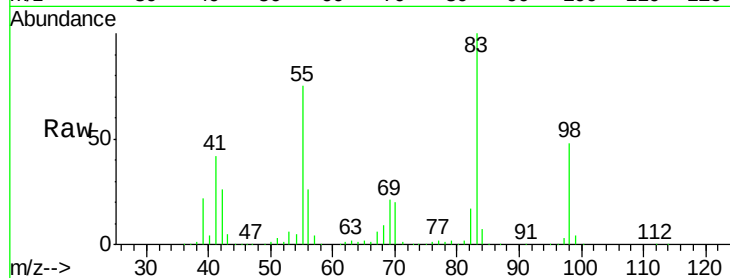
#39
Methylvlcyclohexane
Concen: 52.854 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. -0.01 min
Lab File: VY002010.D
Acq: 18 Mar 2020 17:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	75.4	59.4	89.0	
98	48.3	38.9	58.3	

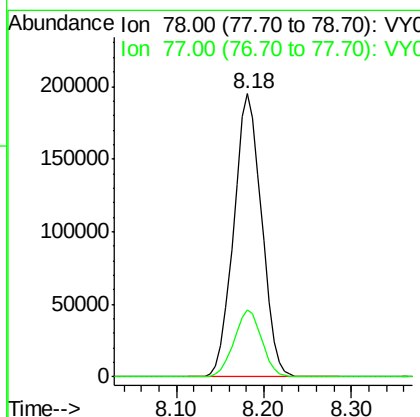
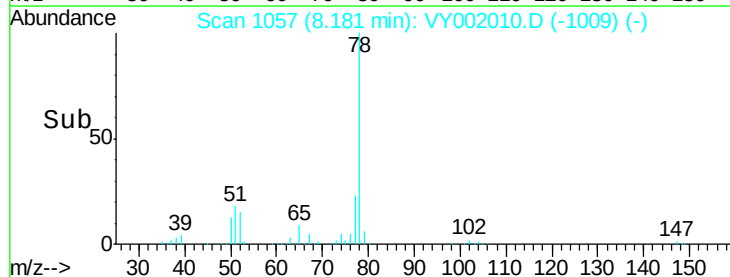
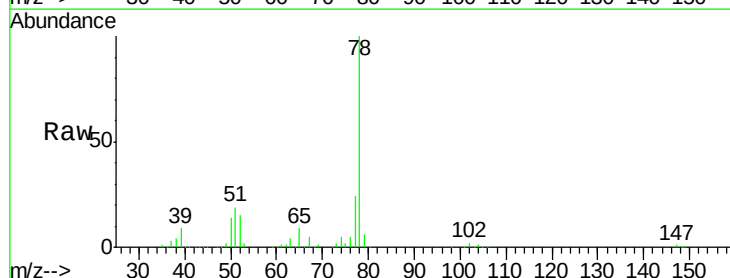
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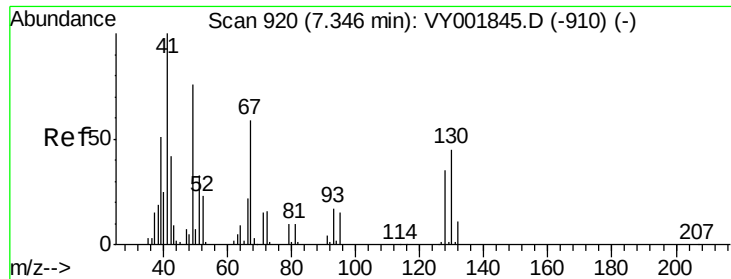
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#40
Benzene
Concen: 55.544 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. -0.01 min
Lab File: VY002010.D
Acq: 18 Mar 2020 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	23.5	18.7	28.1	





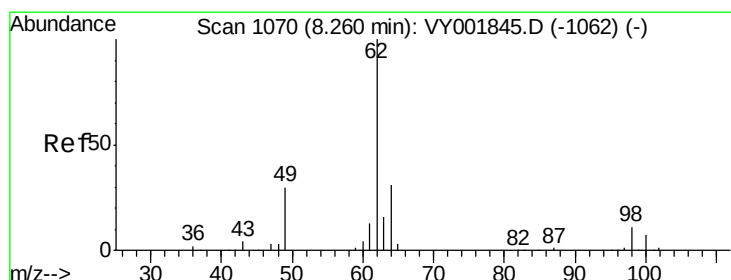
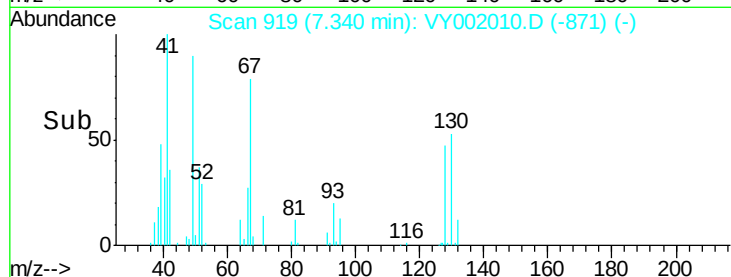
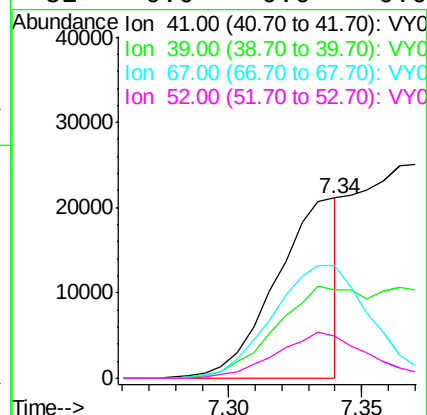
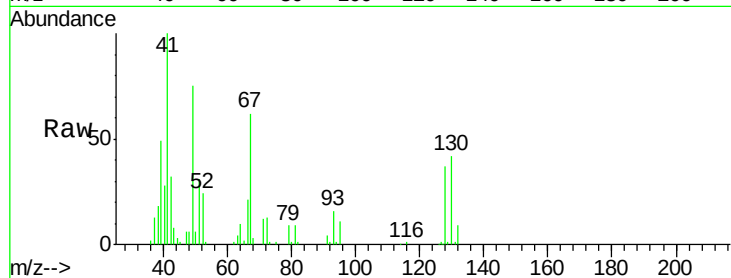
#41
Methacrylonitrile
Concen: 50.801 ug/l m
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY002010.D
Acq: 18 Mar 2020 17:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	111.7	167.5#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

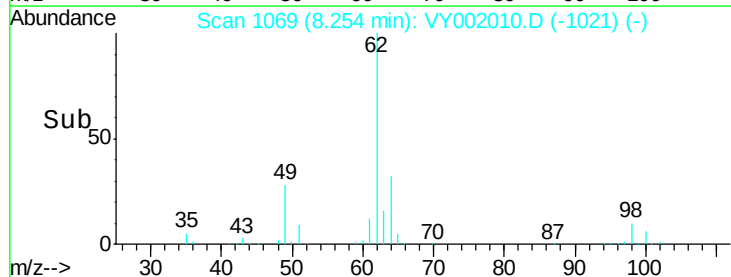
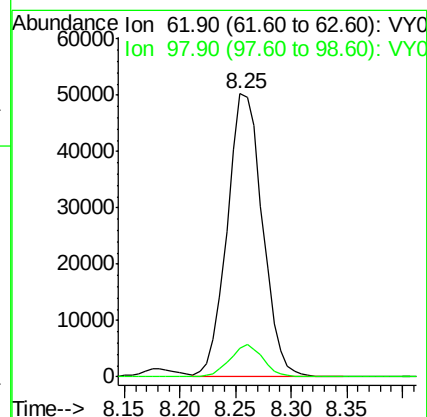
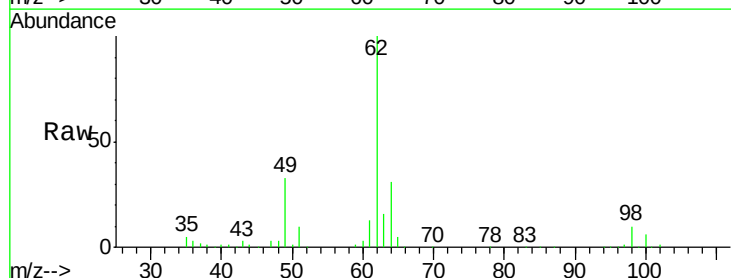
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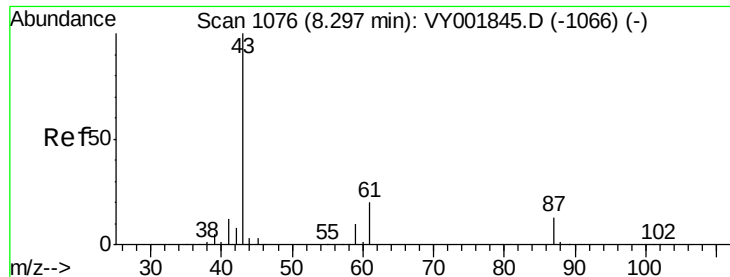
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#42
1,2-Dichloroethane
Concen: 55.314 ug/l
RT: 8.25 min Scan# 1069
Delta R.T. -0.01 min
Lab File: VY002010.D
Acq: 18 Mar 2020 17:19

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	21.4





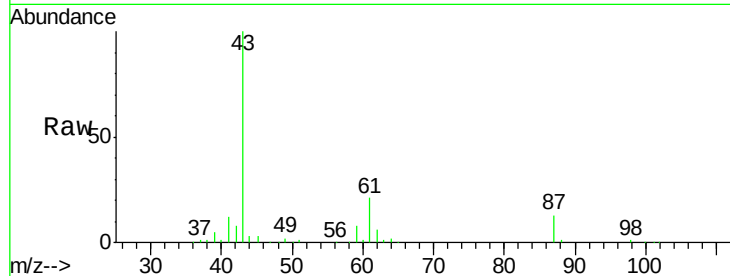
#43
Isopropyl Acetate
Concen: 53.911 ug/l
RT: 8.29 min Scan# 1075
Delta R.T. -0.01 min
Lab File: VY002010.D
Acq: 18 Mar 2020 17:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

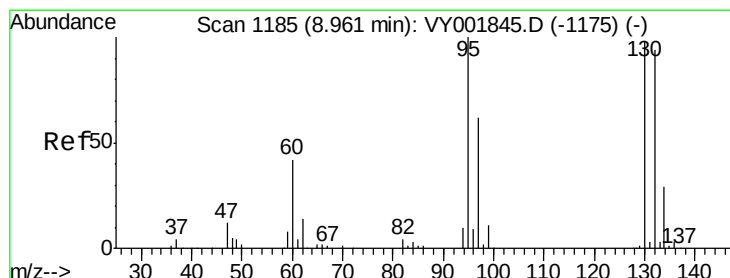
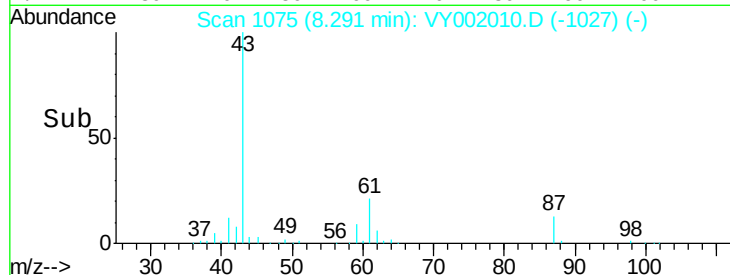
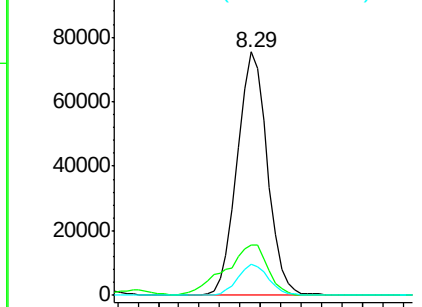
Tot Ion:	43	Resp:	155418
Ion	Ratio	Lower	Upper
43	100		
61	29.3	23.8	35.6
87	12.9	10.9	16.3

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3/19/2020 11:59:39 AM

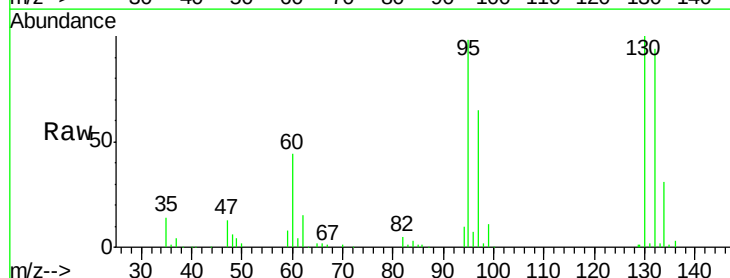


Abundance Ion 43.00 (42.70 to 43.70): VY001845.D (-1066) (-)
Ion 61.00 (60.70 to 61.70): VY001845.D (-1066) (-)
Ion 87.00 (86.70 to 87.70): VY001845.D (-1066) (-)

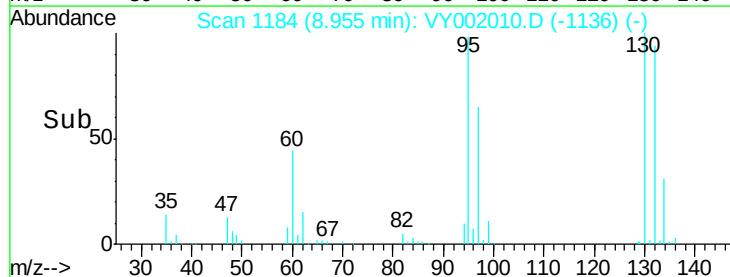
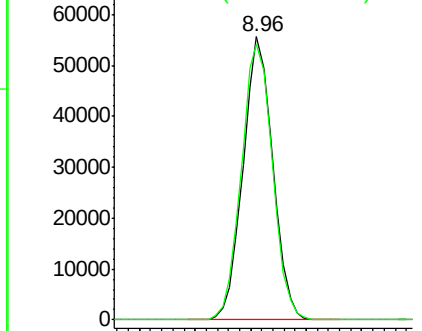


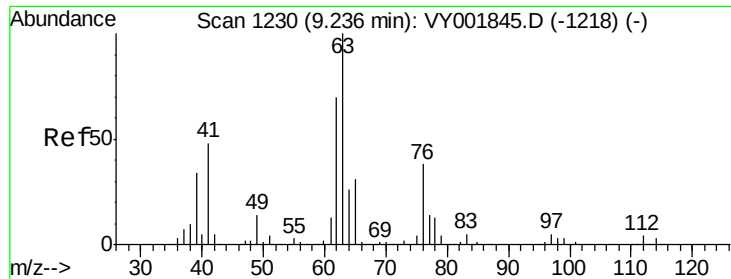
#44
Trichloroethene
Concen: 54.712 ug/l
RT: 8.96 min Scan# 1184
Delta R.T. -0.01 min
Lab File: VY002010.D
Acq: 18 Mar 2020 17:19

Tgt Ion:	130	Resp:	103472
Ion	Ratio	Lower	Upper
130	100		
95	97.5	0.0	204.6



Abundance Ion 129.80 (129.50 to 130.50): VY001845.D (-1175) (-)
Ion 94.90 (94.60 to 95.60): VY001845.D (-1175) (-)





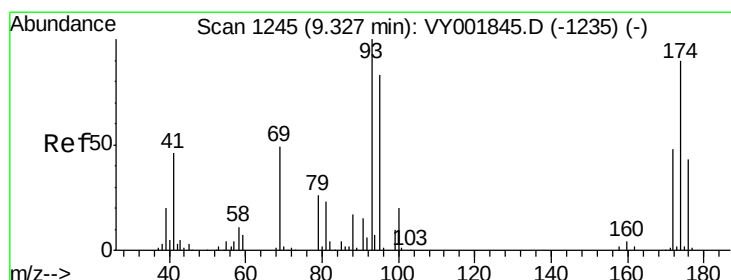
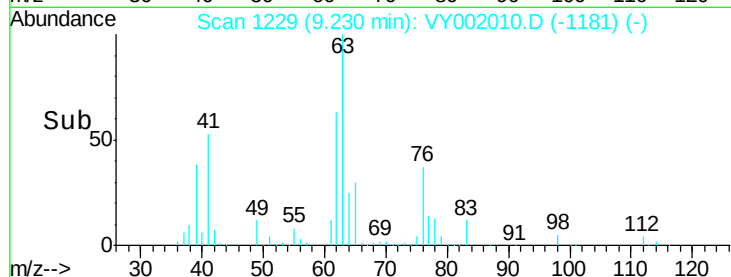
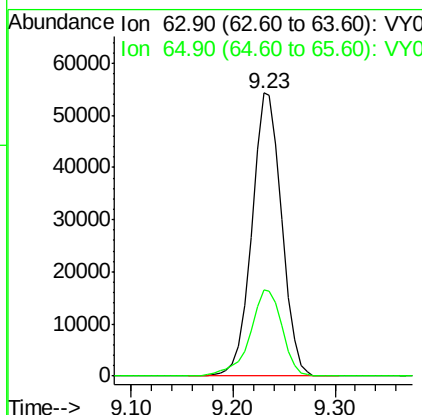
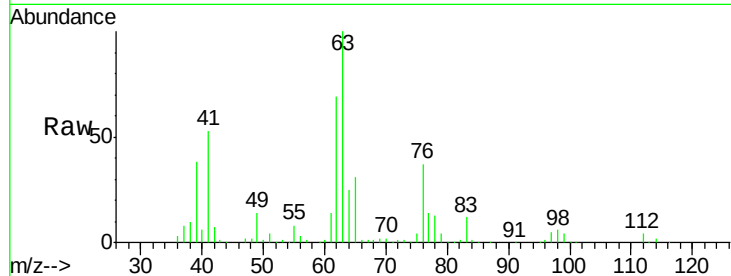
#45
 1,2-Dichloropropane
 Concen: 56.497 ug/l
 RT: 9.23 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: VY002010.D
 Acq: 18 Mar 2020 17:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 110286
 Ion Ratio Lower Upper
 63 100
 65 30.6 24.9 37.3

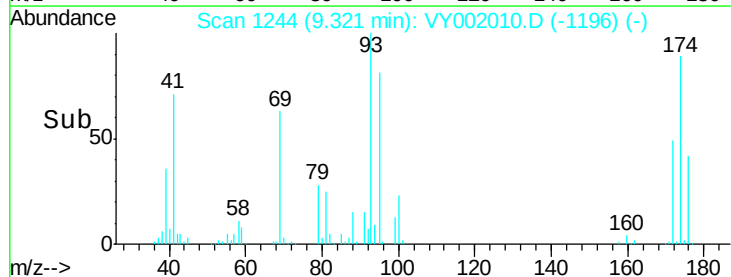
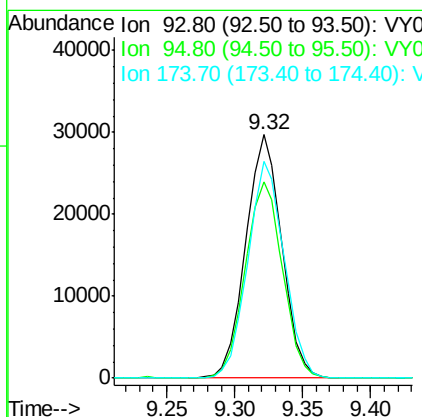
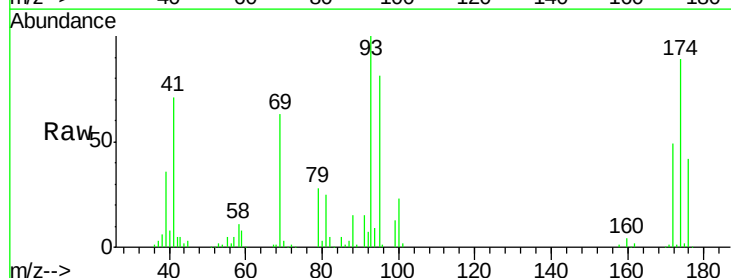
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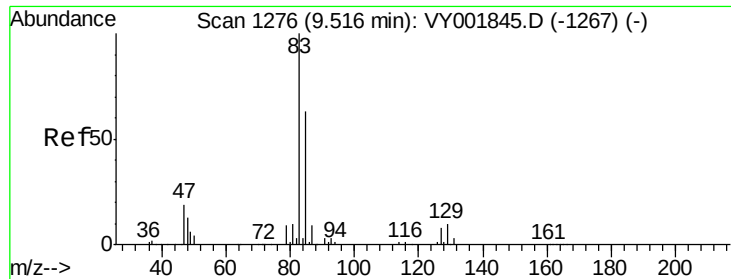
MMDadoda
 3/19/2020 11:59:39 AM



#46
 Dibromomethane
 Concen: 54.758 ug/l
 RT: 9.32 min Scan# 1244
 Delta R.T. -0.01 min
 Lab File: VY002010.D
 Acq: 18 Mar 2020 17:19

Tgt Ion: 93 Resp: 55084
 Ion Ratio Lower Upper
 93 100
 95 83.6 67.0 100.4
 174 90.0 71.8 107.8





#47

Bromodichloromethane

Concen: 57.732 ug/l

RT: 9.51 min Scan# 1275

Delta R.T. -0.01 min

Lab File: VY002010.D

Acq: 18 Mar 2020 17:19

Instrument :

MSVOA_Y

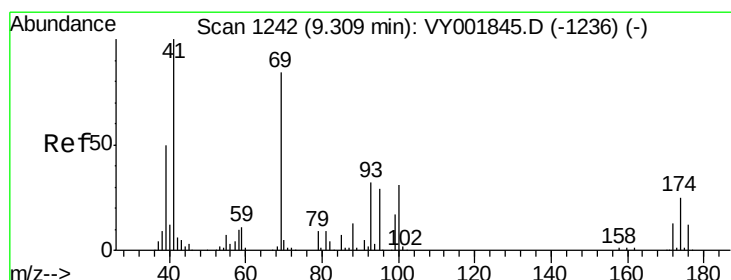
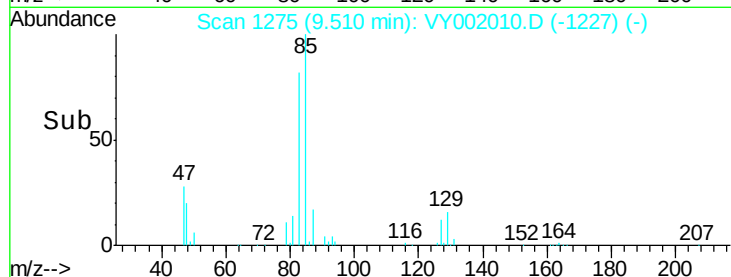
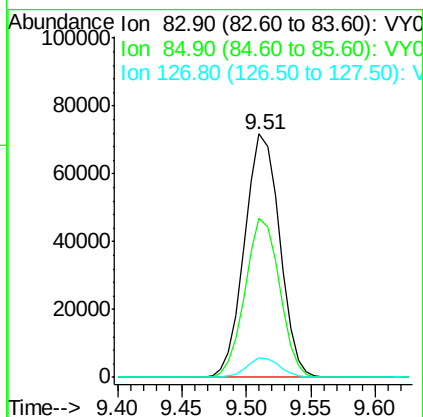
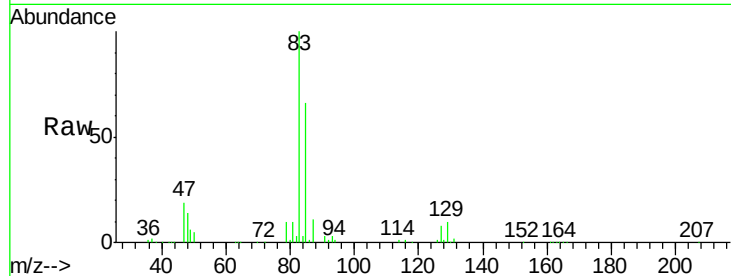
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	135097
Ion Ratio	Lower	Upper	
83	100		
85	65.6	50.6	76.0
127	7.8	6.2	9.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 56.135 ug/l

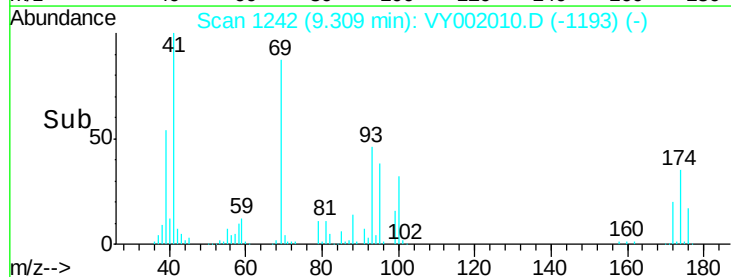
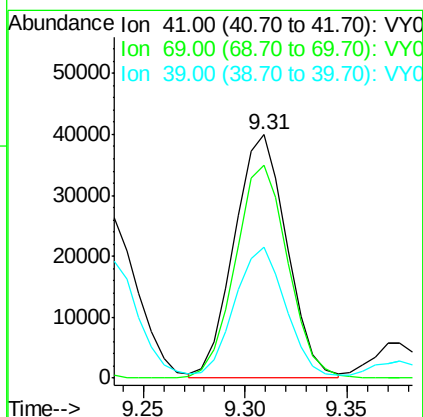
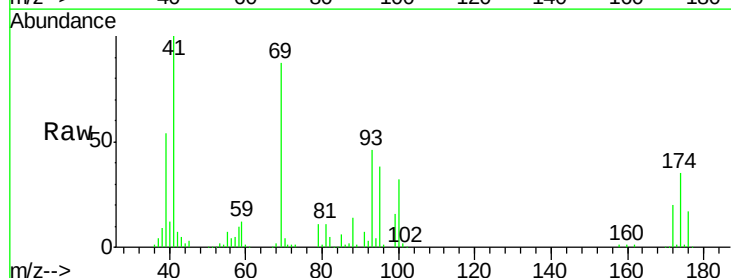
RT: 9.31 min Scan# 1242

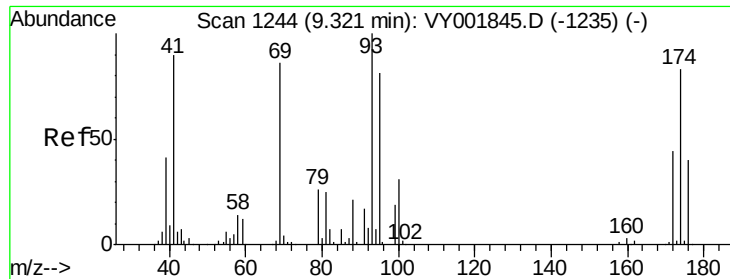
Delta R.T. 0.00 min

Lab File: VY002010.D

Acq: 18 Mar 2020 17:19

Tgt Ion:	41	Resp:	71809
Ion Ratio	Lower	Upper	
41	100		
69	87.4	69.0	103.6
39	52.7	39.1	58.7





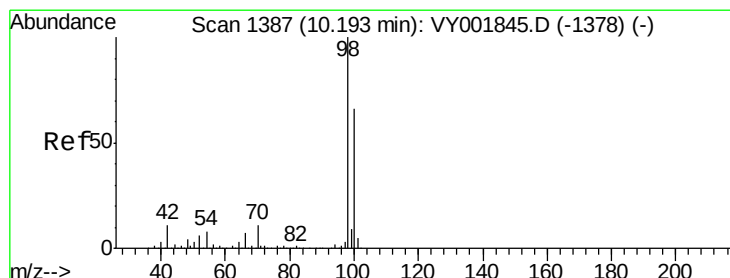
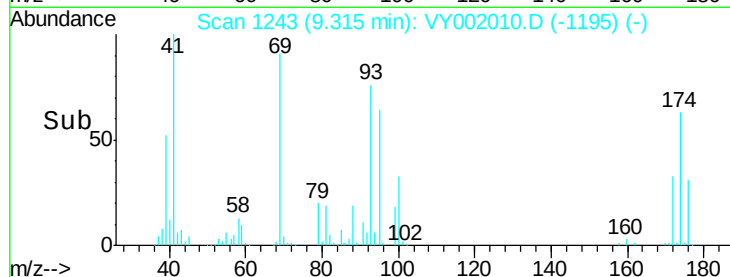
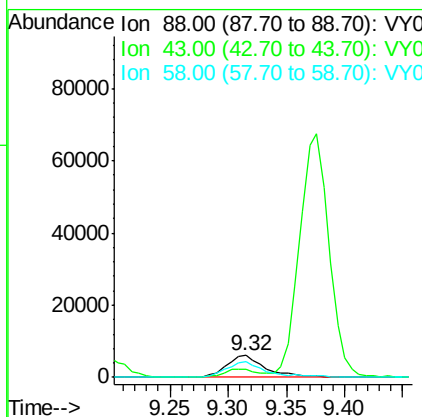
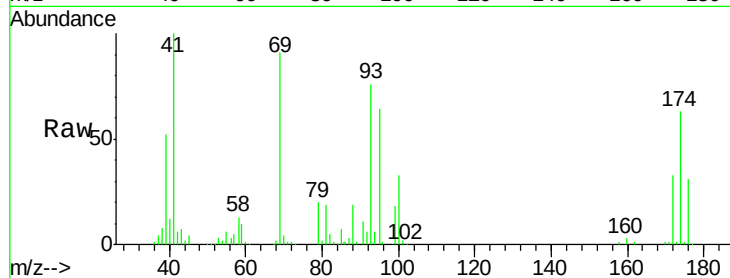
#49
1,4-Dioxane
Concen: 1012.400 ug/l
RT: 9.32 min Scan# 1243
Delta R.T. -0.01 min
Lab File: VY002010.D
Acq: 18 Mar 2020 17:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	88	Resp	13955
Ion	Ratio	Lower	Upper
88	100		
43	32.4	25.0	37.6
58	76.7	58.9	88.3

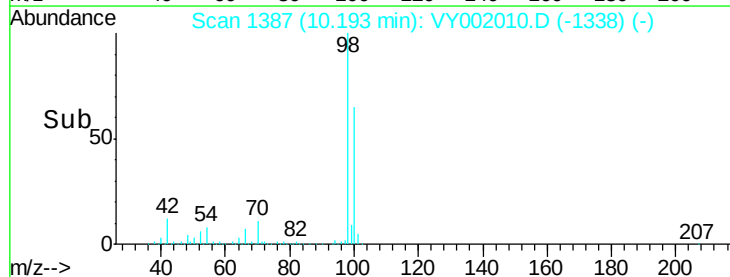
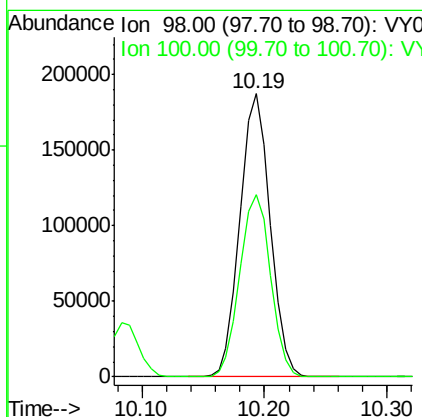
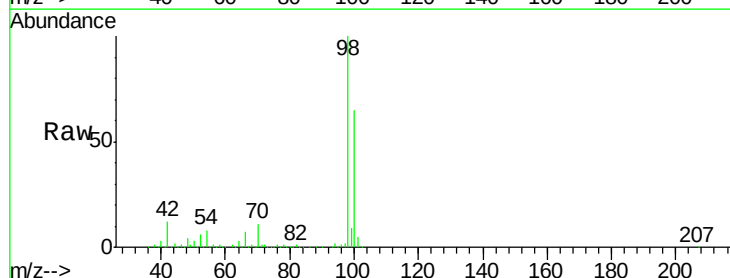
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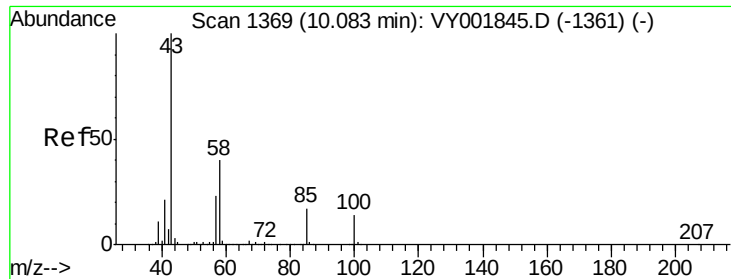
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#50
Toluene-d8
Concen: 51.287 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.00 min
Lab File: VY002010.D
Acq: 18 Mar 2020 17:19

Tgt Ion	98	Resp	321511
Ion	Ratio	Lower	Upper
98	100		
100	65.7	53.0	79.4





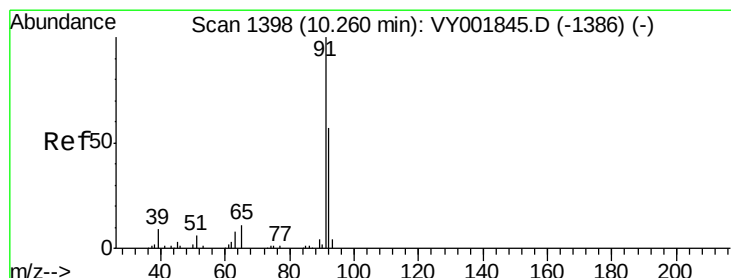
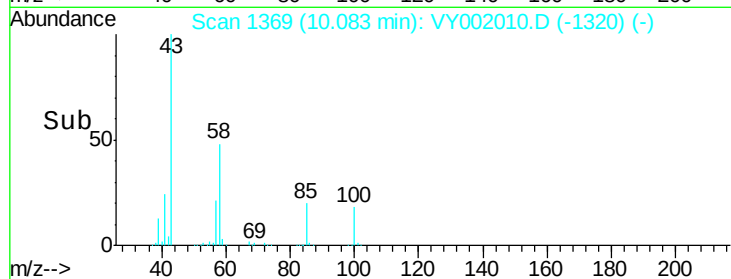
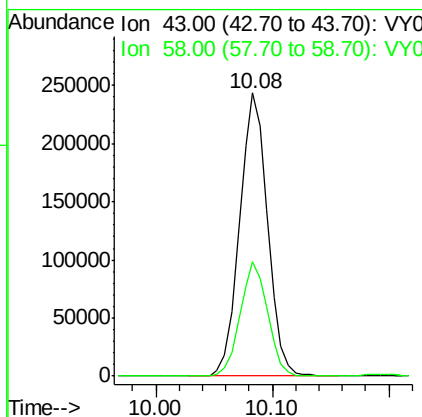
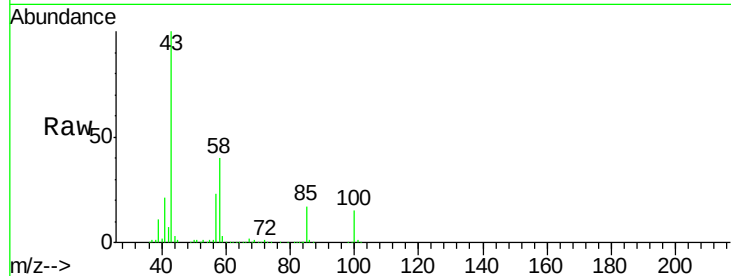
#51
 4-Methyl-2-Pentanone
 Concen: 273.753 ug/l
 RT: 10.08 min Scan# 1369
 Delta R.T. 0.00 min
 Lab File: VY002010.D
 Acq: 18 Mar 2020 17:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	43	Resp	406493
Ion Ratio	100	Lower	Upper
43	100		
58	39.8	32.0	48.0

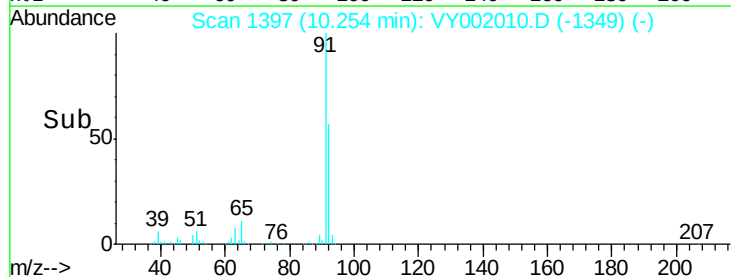
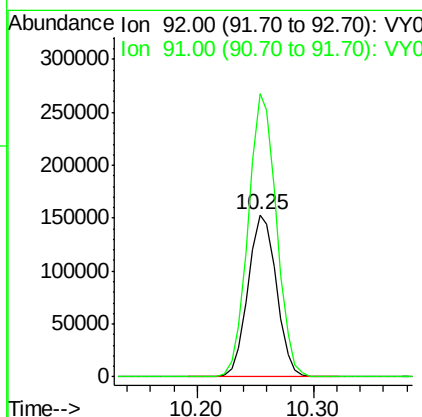
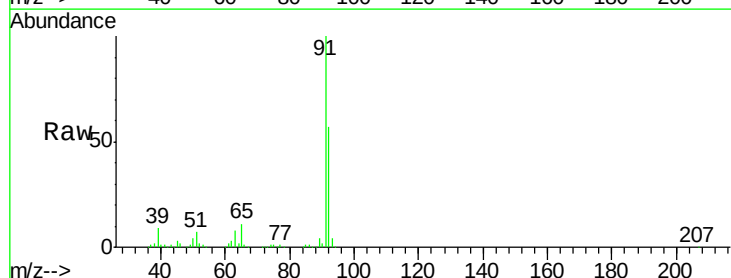
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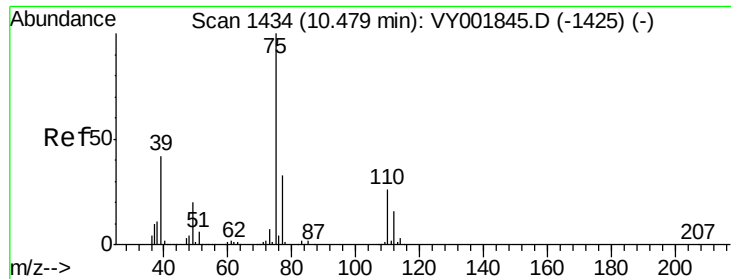
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#52
 Toluene
 Concen: 55.550 ug/l
 RT: 10.25 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: VY002010.D
 Acq: 18 Mar 2020 17:19

Tgt Ion	92	Resp	262048
Ion Ratio	100	Lower	Upper
92	100		
91	172.7	138.6	208.0





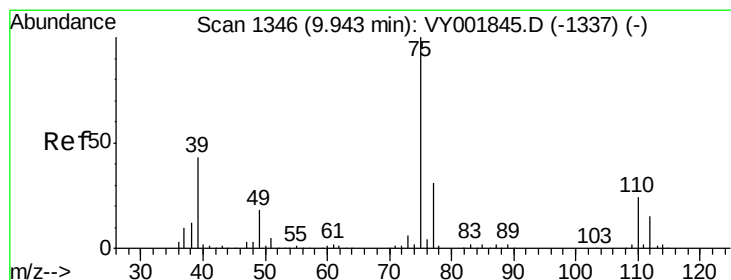
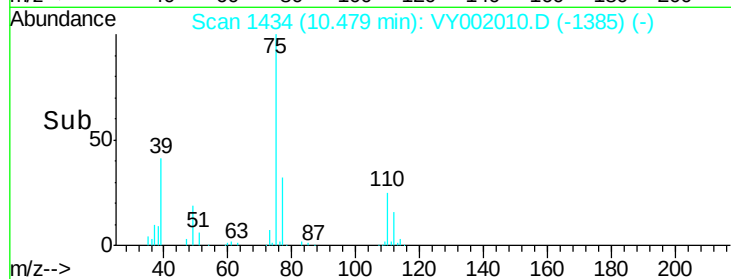
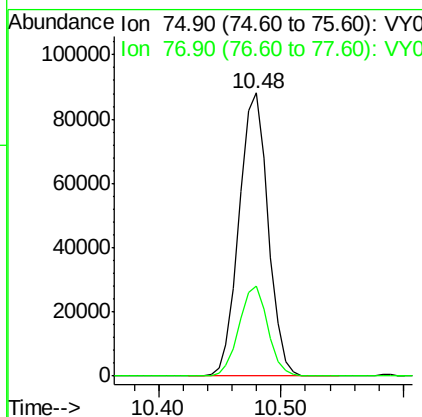
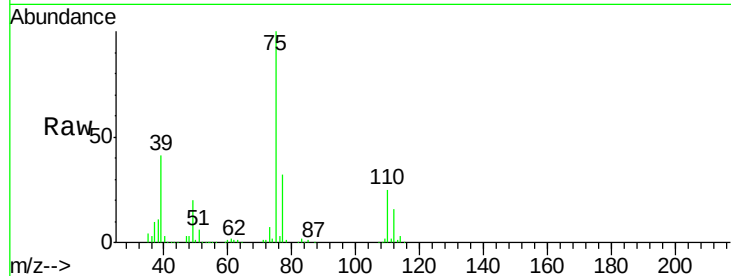
#53
 t-1,3-Dichloropropene
 Concen: 56.873 ug/l
 RT: 10.48 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VY002010.D
 Acq: 18 Mar 2020 17:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.9	26.3	39.5

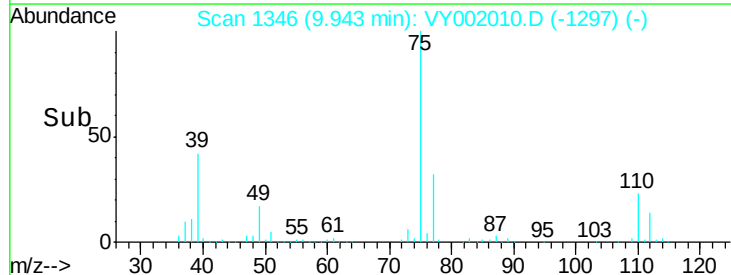
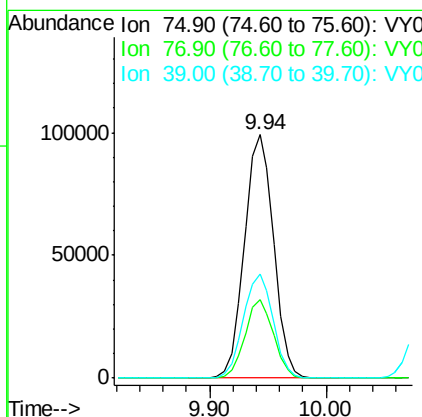
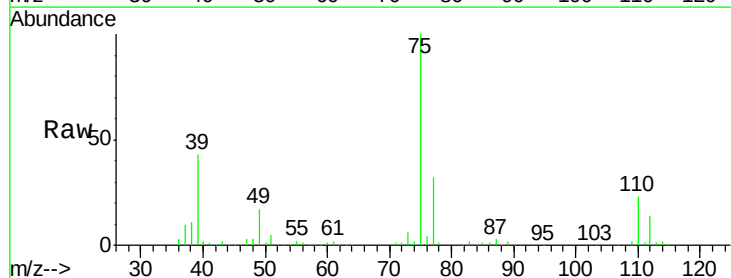
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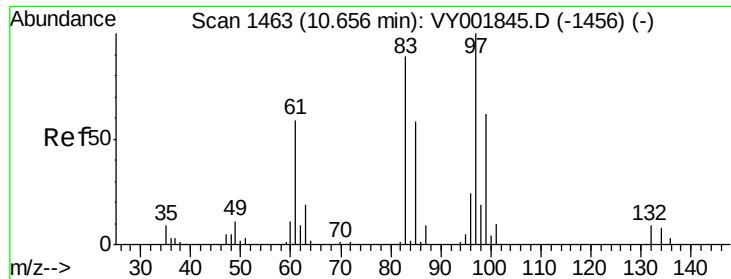
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#54
 cis-1,3-Dichloropropene
 Concen: 57.093 ug/l
 RT: 9.94 min Scan# 1346
 Delta R.T. 0.00 min
 Lab File: VY002010.D
 Acq: 18 Mar 2020 17:19

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.3	25.1	37.7
39	42.5	34.7	52.1





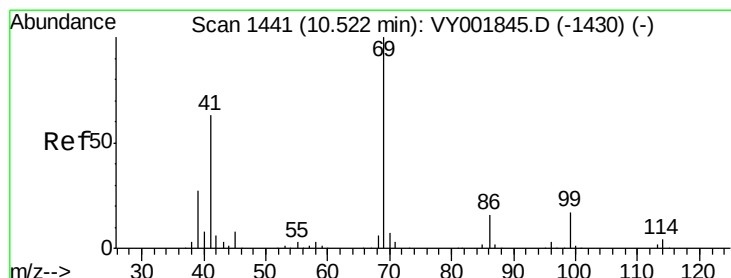
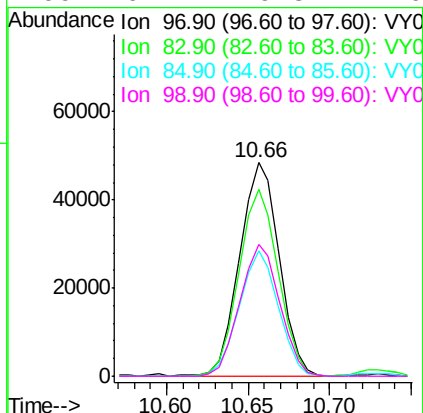
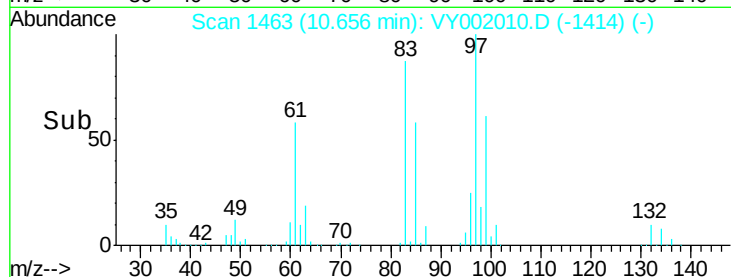
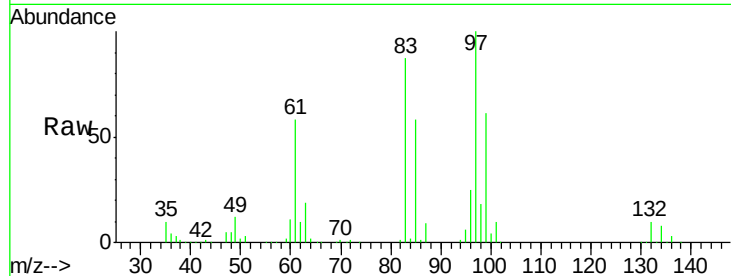
#55
 1,1,2-Trichloroethane
 Concen: 55.583 ug/l
 RT: 10.66 min Scan# 1463
 Delta R.T. 0.00 min
 Lab File: VY002010.D
 Acq: 18 Mar 2020 17:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	81830
Ion	Ratio	Lower	Upper
97	100		
83	87.3	71.6	107.4
85	58.3	46.6	69.8
99	61.4	49.8	74.6

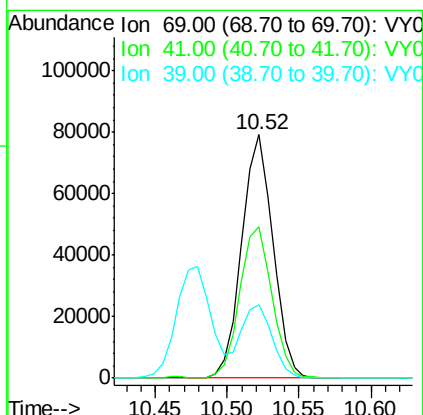
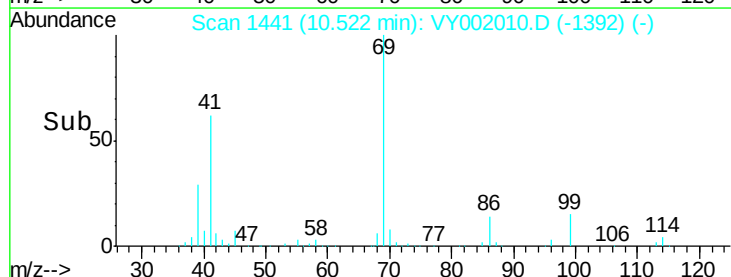
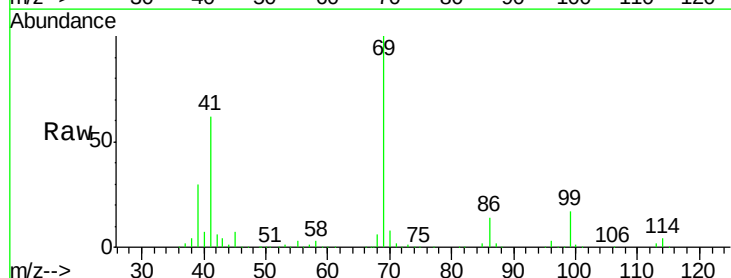
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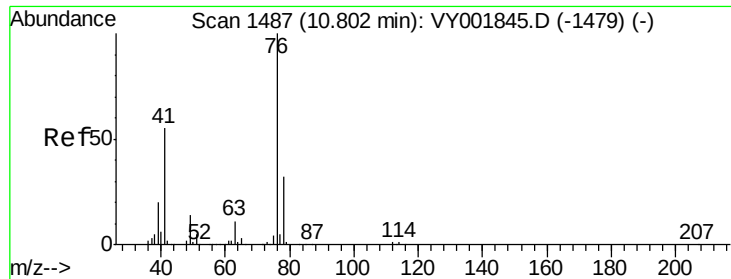
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#56
 Ethyl methacrylate
 Concen: 55.189 ug/l
 RT: 10.52 min Scan# 1441
 Delta R.T. 0.00 min
 Lab File: VY002010.D
 Acq: 18 Mar 2020 17:19

Tgt Ion:	69	Resp:	119092
Ion	Ratio	Lower	Upper
69	100		
41	64.0	49.9	74.9
39	31.0	23.0	34.6





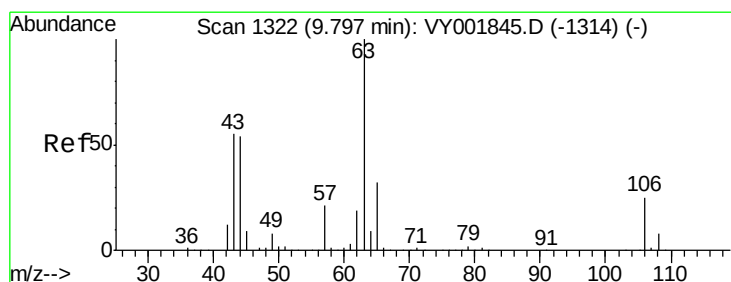
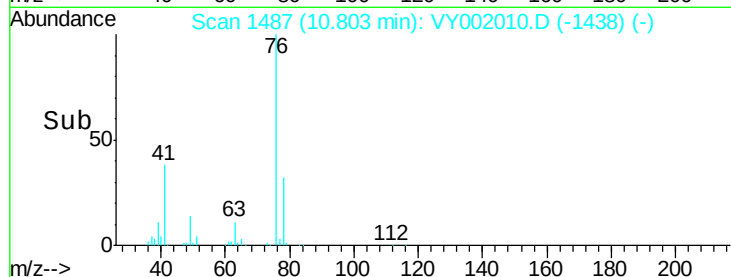
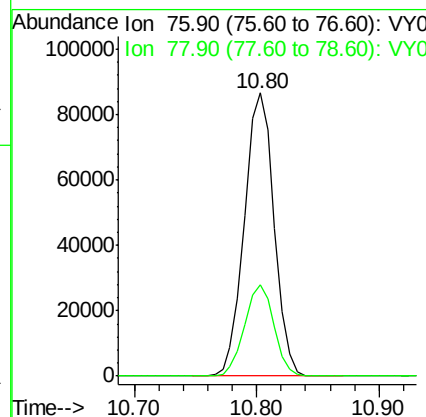
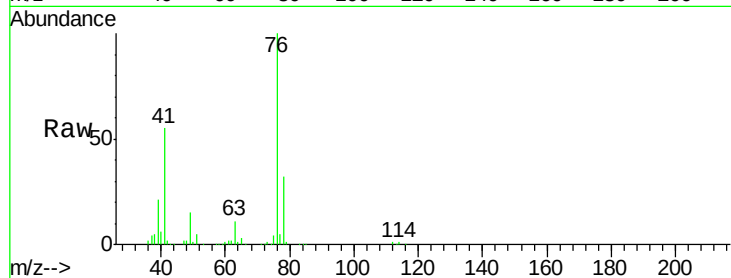
#57
 1,3-Dichloropropane
 Concen: 55.625 ug/l
 RT: 10.80 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VY002010.D
 Acq: 18 Mar 2020 17:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.9	25.8	38.6

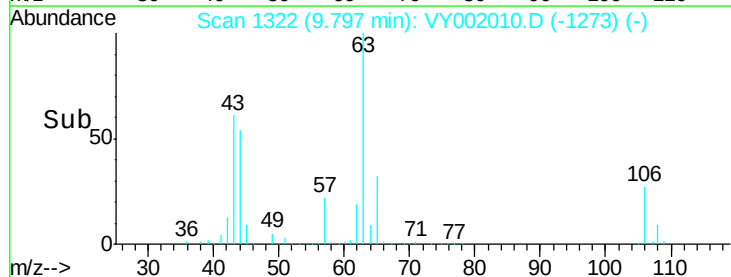
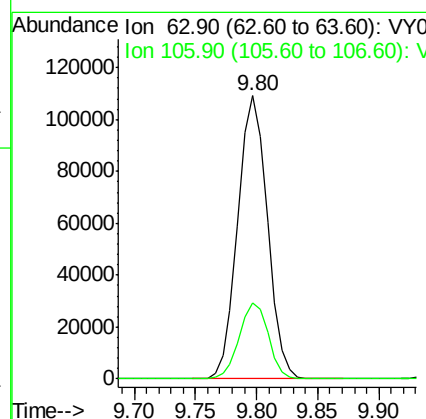
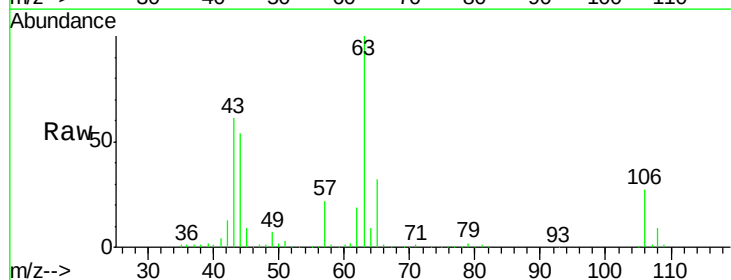
Manual Integrations
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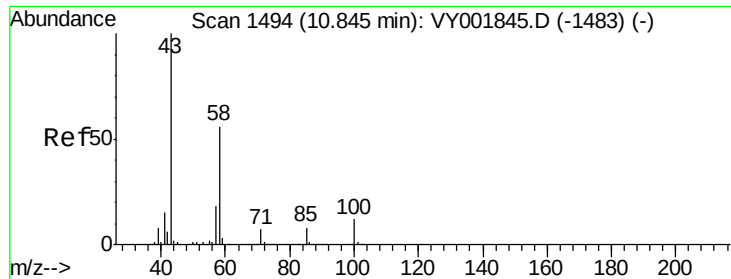
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 3/19/2020 11:59:39 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 241.621 ug/l
 RT: 9.80 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VY002010.D
 Acq: 18 Mar 2020 17:19

Tgt Ion	Ratio	Lower	Upper
63	100		
106	26.4	21.3	31.9





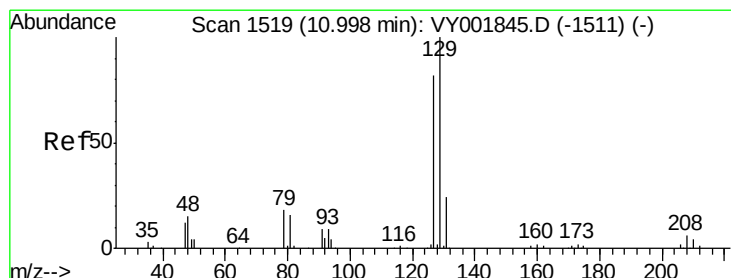
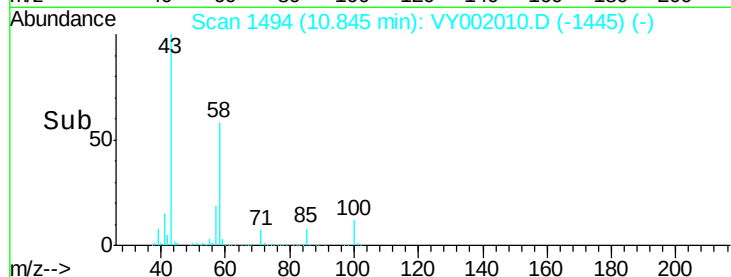
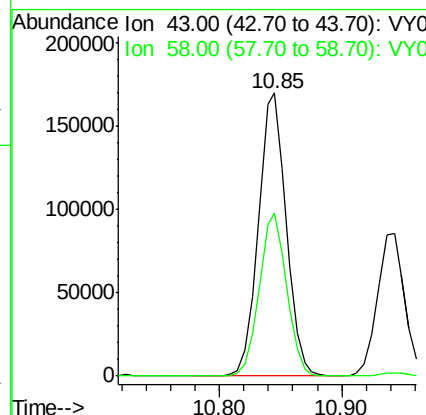
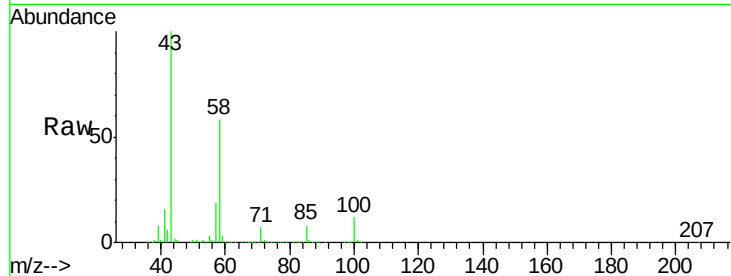
#59
2-Hexanone
Concen: 254.023 ug/l
RT: 10.85 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VY002010.D
Acq: 18 Mar 2020 17:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 269225
Ion Ratio Lower Upper
43 100
58 57.1 28.1 84.3

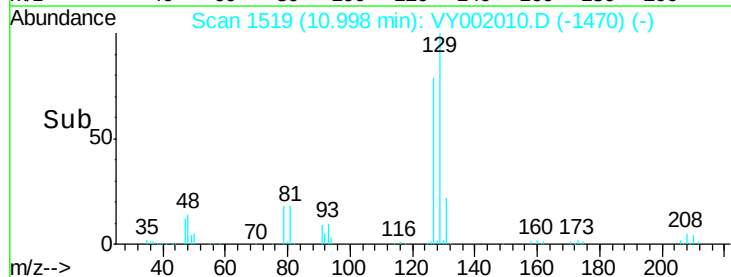
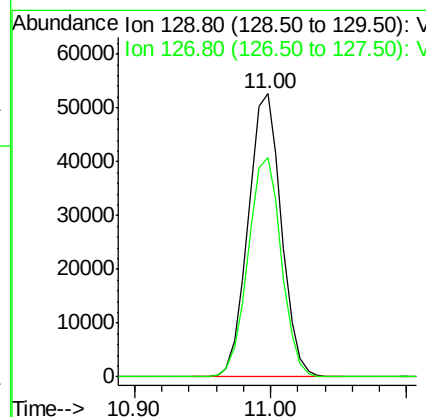
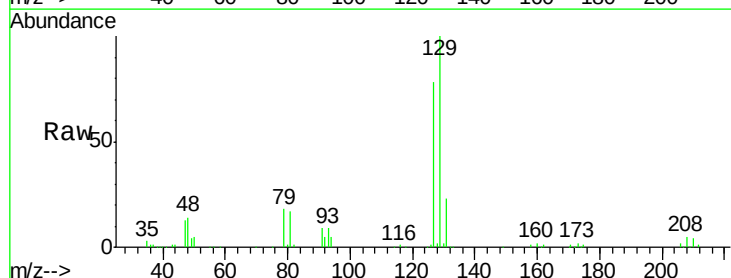
Manual Integrations
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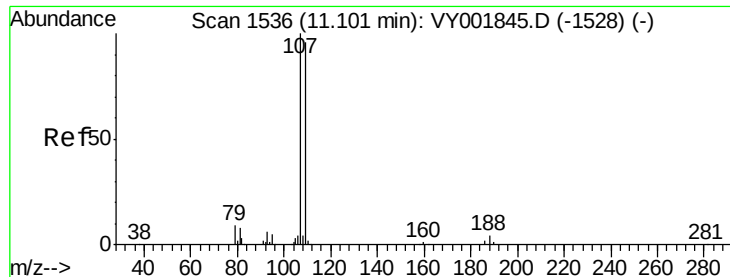
MMDadoda
3/19/2020 11:59:39 AM



#60
Dibromochloromethane
Concen: 57.916 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. 0.00 min
Lab File: VY002010.D
Acq: 18 Mar 2020 17:19

Tgt Ion: 129 Resp: 89846
Ion Ratio Lower Upper
129 100
127 77.7 39.0 117.0





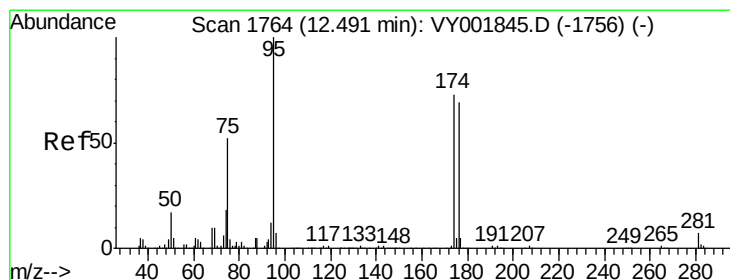
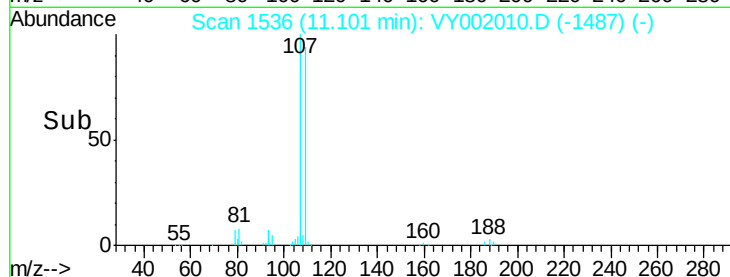
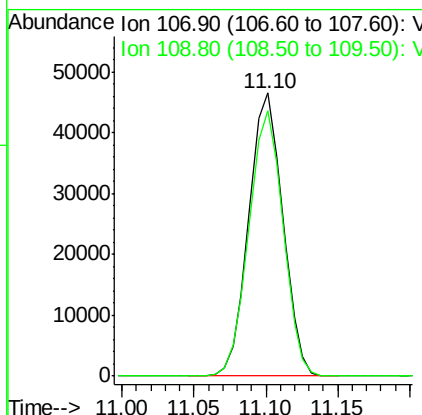
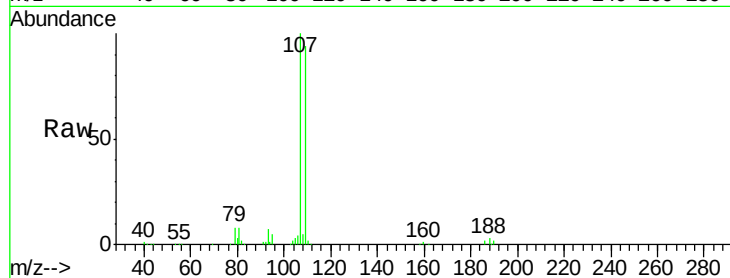
#61
 1,2-Dibromoethane
 Concen: 54.586 ug/l
 RT: 11.10 min Scan# 1536
 Delta R.T. 0.00 min
 Lab File: VY002010.D
 Acq: 18 Mar 2020 17:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.4	75.4	113.0

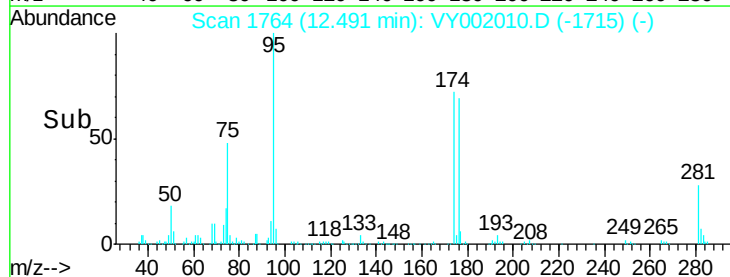
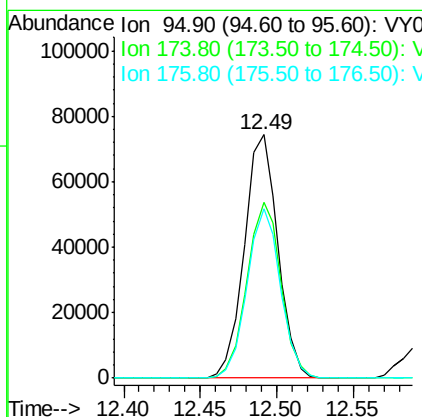
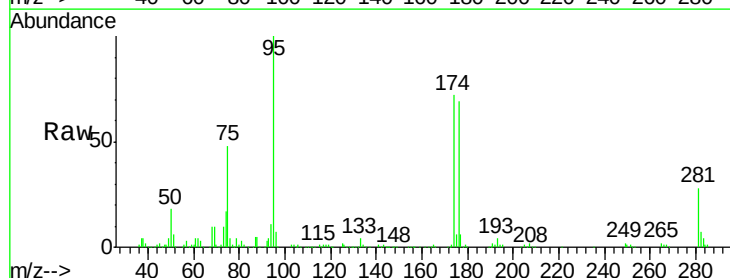
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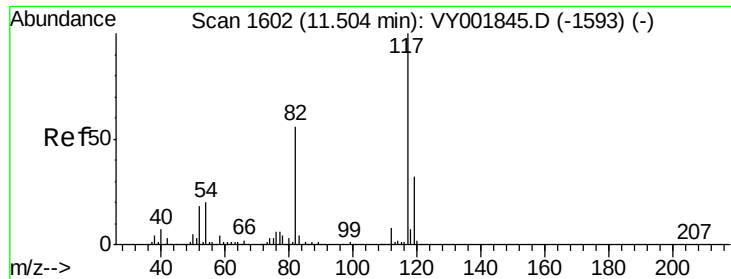
MMDadoda
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#62
 4-Bromofluorobenzene
 Concen: 51.947 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.00 min
 Lab File: VY002010.D
 Acq: 18 Mar 2020 17:19

Tgt Ion	Ratio	Lower	Upper
95	100		
174	73.3	0.0	145.0
176	69.2	0.0	137.4





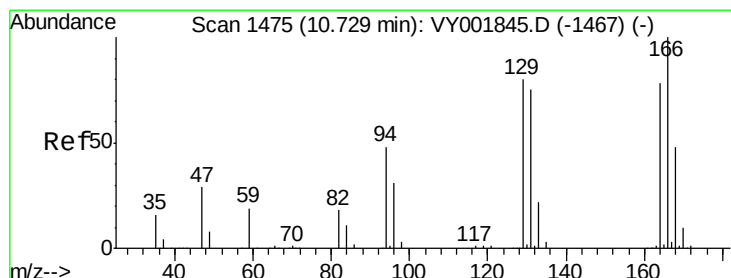
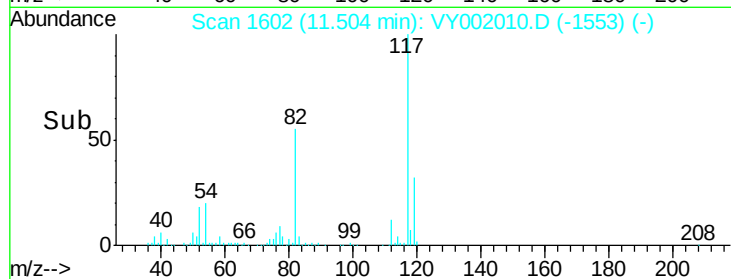
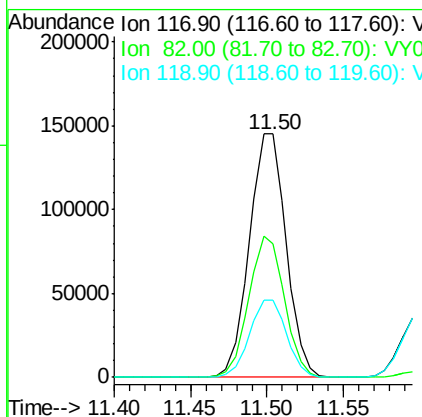
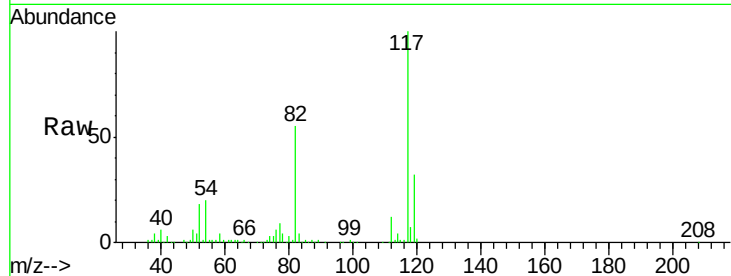
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY002010.D
Acq: 18 Mar 2020 17:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	242963		
82	54.9		44.5	66.7
119	31.8		25.7	38.5

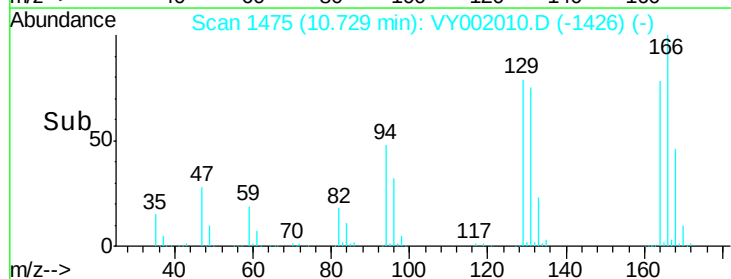
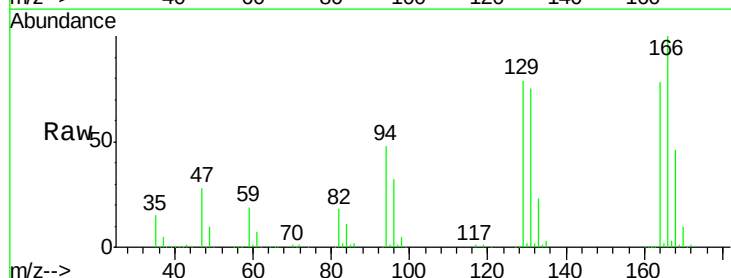
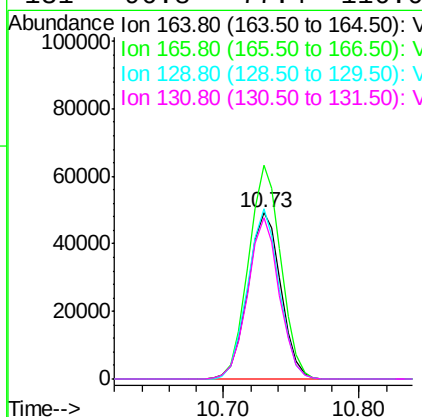
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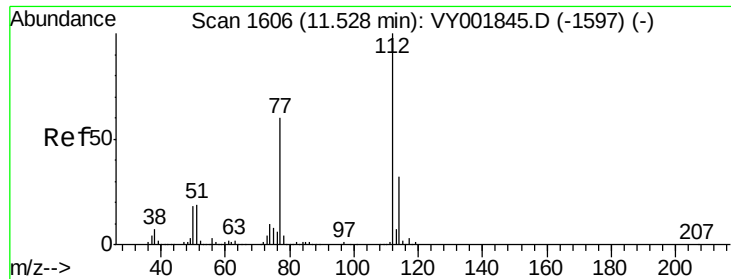
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#64
Tetrachloroethene
Concen: 54.727 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. 0.00 min
Lab File: VY002010.D
Acq: 18 Mar 2020 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	83386		
166	128.4		102.6	154.0
129	102.1		82.3	123.5
131	96.8		77.4	116.0





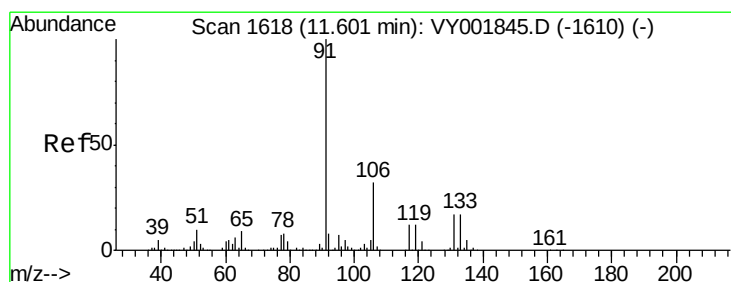
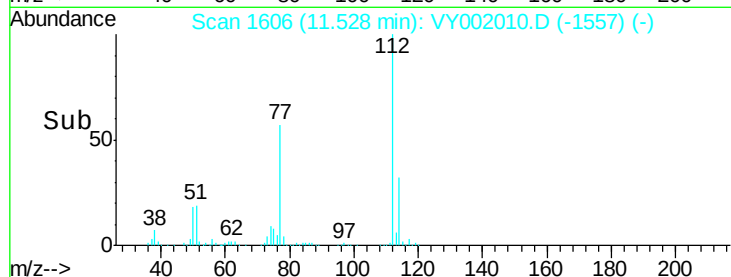
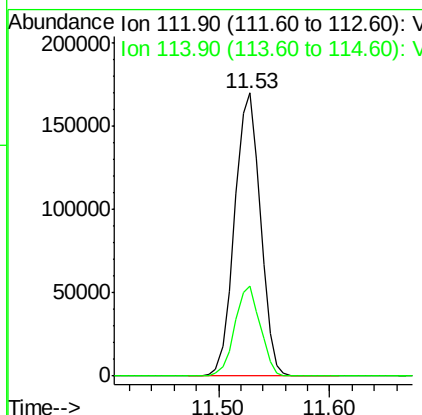
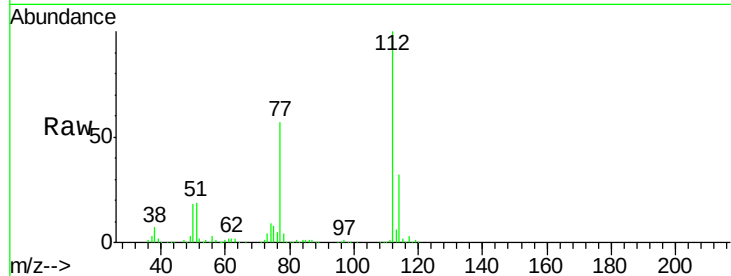
#65
Chlorobenzene
Concen: 56.328 ug/l
RT: 11.53 min Scan# 1606
Delta R.T. 0.00 min
Lab File: VY002010.D
Acq: 18 Mar 2020 17:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.6	25.9	38.9

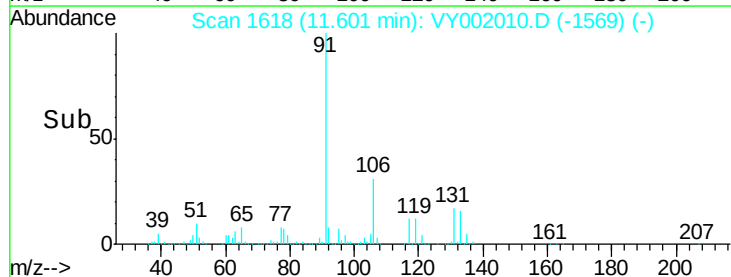
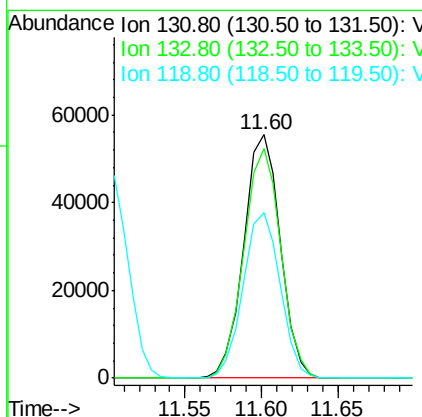
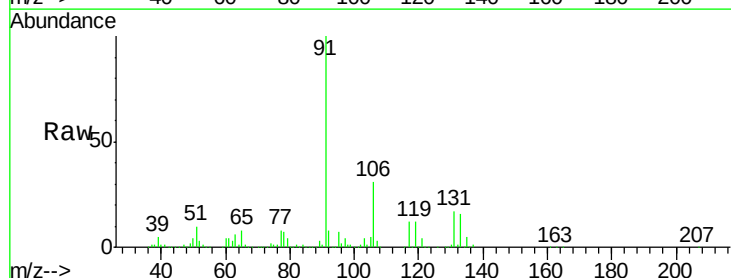
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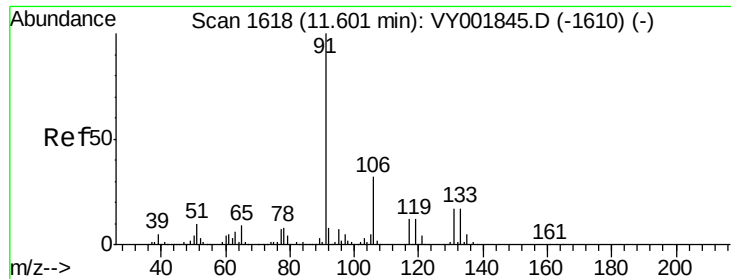
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#66
1,1,1,2-Tetrachloroethane
Concen: 58.120 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY002010.D
Acq: 18 Mar 2020 17:19

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.4	47.1	141.3
119	68.9	34.5	103.6





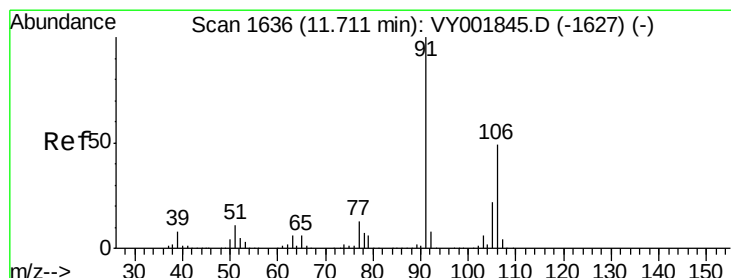
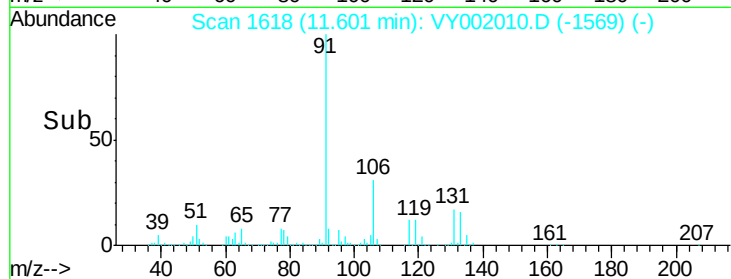
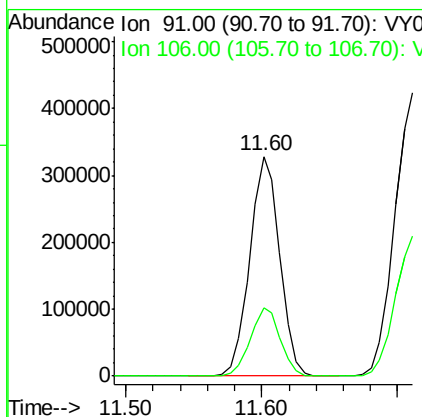
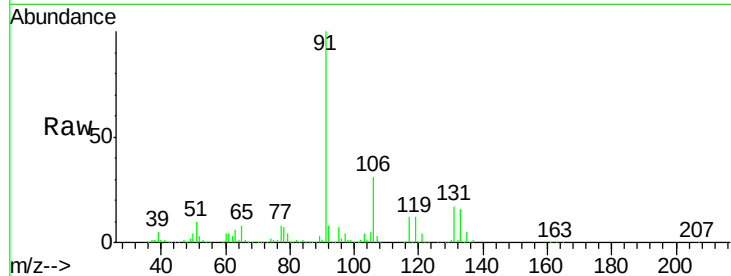
#67
Ethyl Benzene
Concen: 56.091 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY002010.D
Acq: 18 Mar 2020 17:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 506430
Ion Ratio Lower Upper
91 100
106 31.1 25.4 38.2

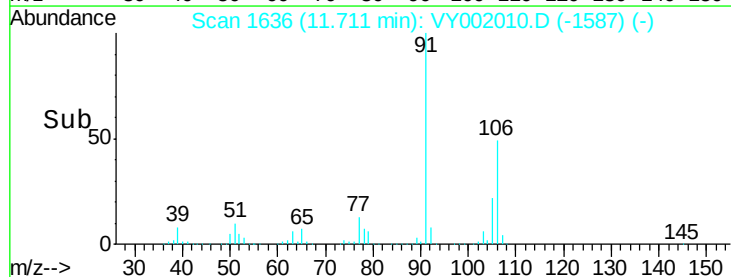
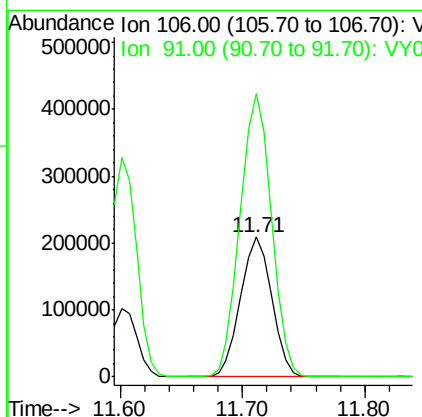
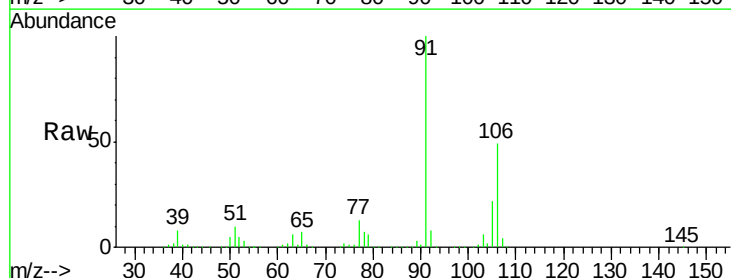
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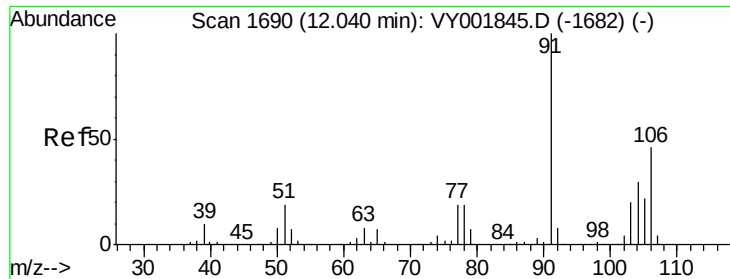
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#68
m/p-Xylenes
Concen: 111.704 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VY002010.D
Acq: 18 Mar 2020 17:19

Tgt Ion: 106 Resp: 372869
Ion Ratio Lower Upper
106 100
91 202.9 161.3 241.9





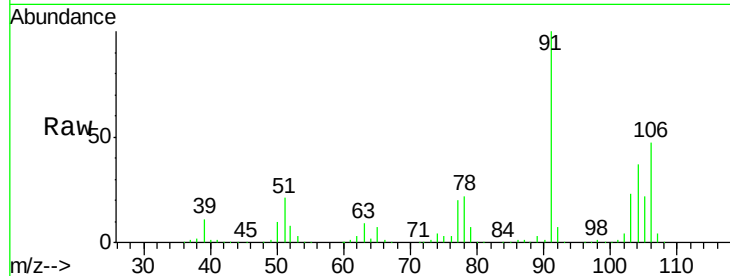
#69
o-Xylene
Concen: 56.396 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY002010.D
Acq: 18 Mar 2020 17:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

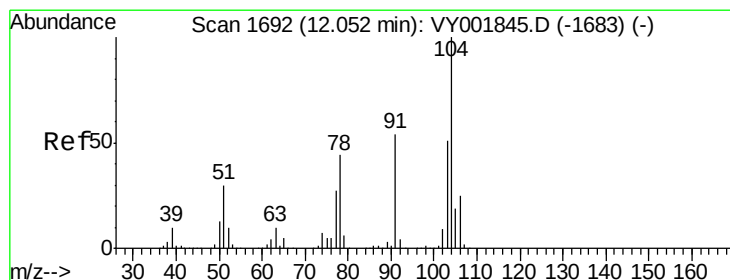
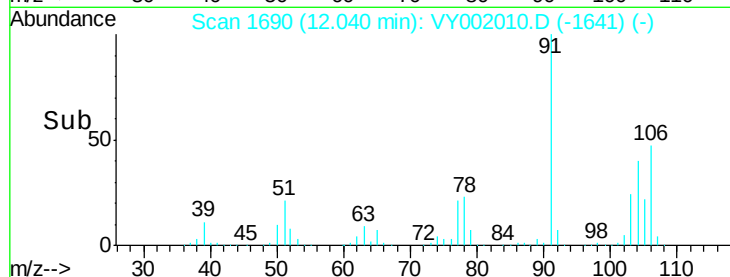
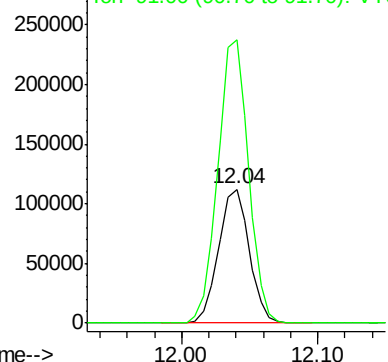
Tot Ion:106 Resp: 177431
Ion Ratio Lower Upper
106 100
91 211.4 106.8 320.4

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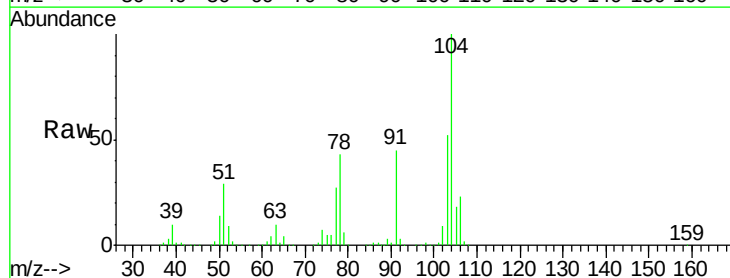


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

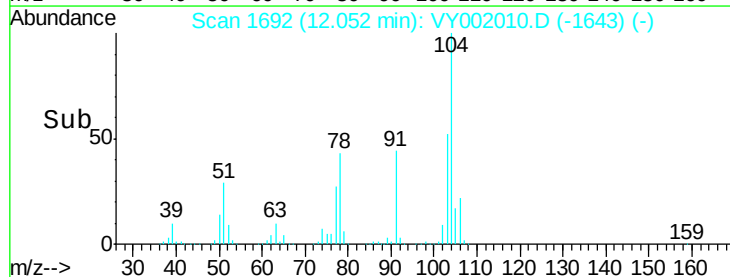
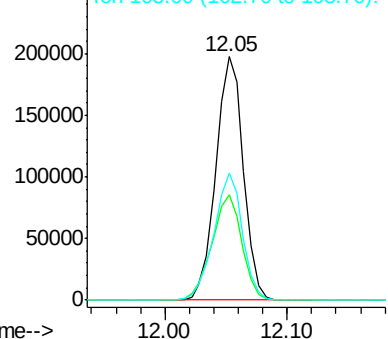


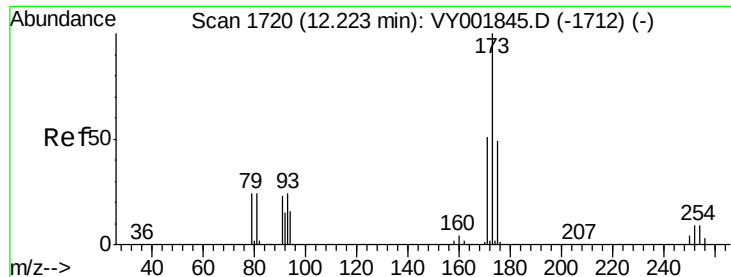
#70
Styrene
Concen: 57.155 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VY002010.D
Acq: 18 Mar 2020 17:19

Tgt Ion:104 Resp: 307978
Ion Ratio Lower Upper
104 100
78 47.1 38.5 57.7
103 54.1 42.9 64.3



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





#71

Bromoform

Concen: 57.374 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. -0.01 min

Lab File: VY002010.D

Acq: 18 Mar 2020 17:19

Instrument :

MSVOA_Y

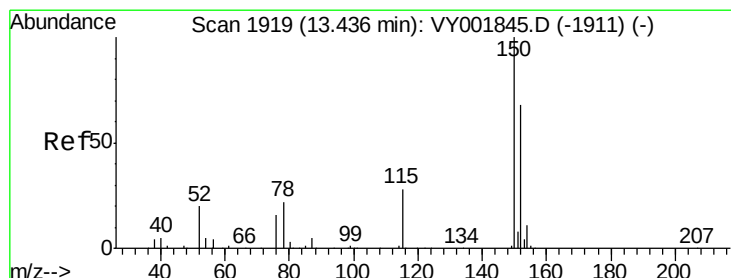
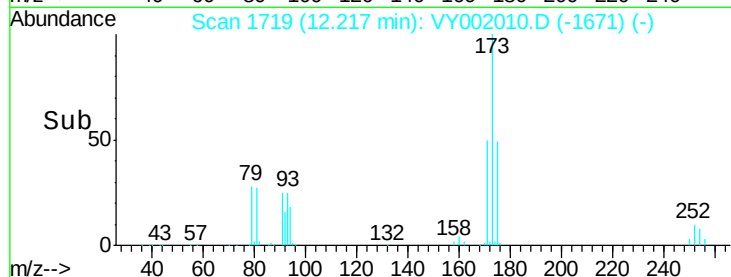
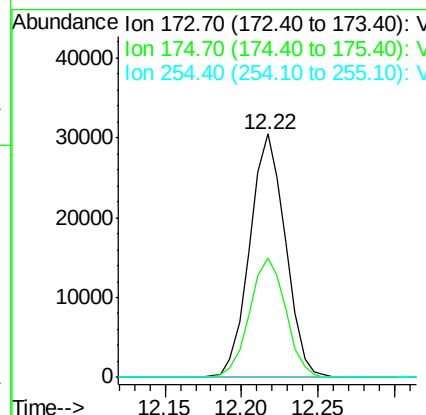
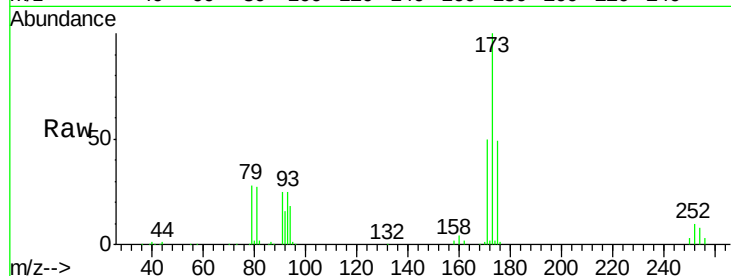
ClientSampleId :

VSTDCCC050EC

Tot Ion:	173	Resp:	49397
Ion Ratio	Lower	Upper	
173	100		
175	49.6	24.3	72.8
254	0.0	0.0	0.0

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

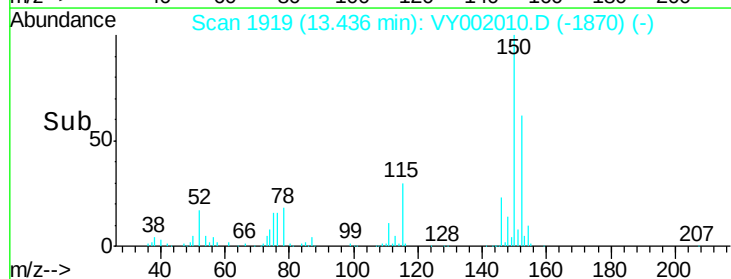
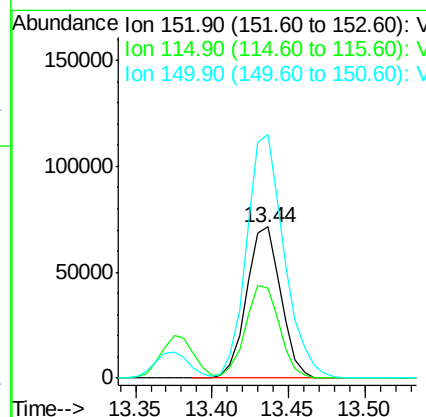
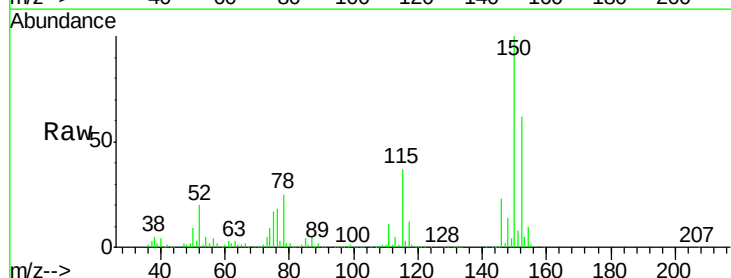
RT: 13.44 min Scan# 1919

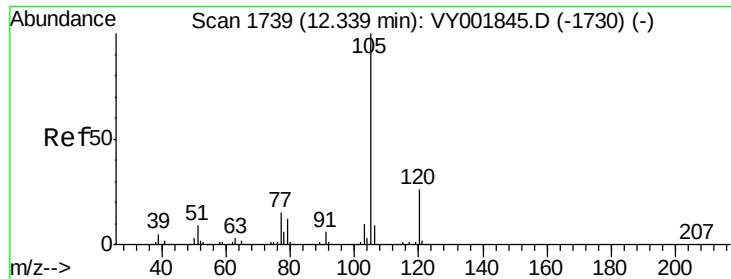
Delta R.T. 0.00 min

Lab File: VY002010.D

Acq: 18 Mar 2020 17:19

Tgt Ion:	152	Resp:	110656
Ion Ratio	Lower	Upper	
152	100		
115	61.2	29.9	89.7
150	176.7	0.0	340.6





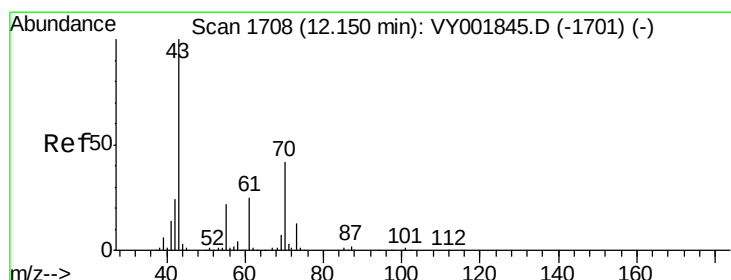
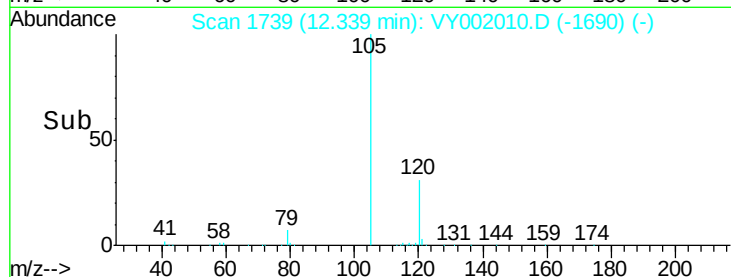
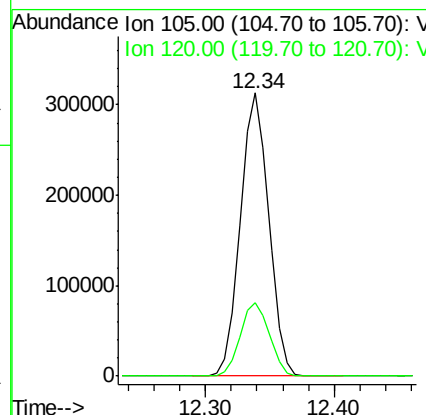
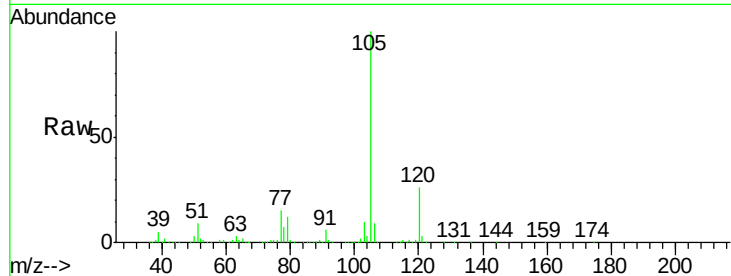
#73
Isopropylbenzene
Concen: 56.536 ug/l
RT: 12.34 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VY002010.D
Acq: 18 Mar 2020 17:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.5	13.1	39.3

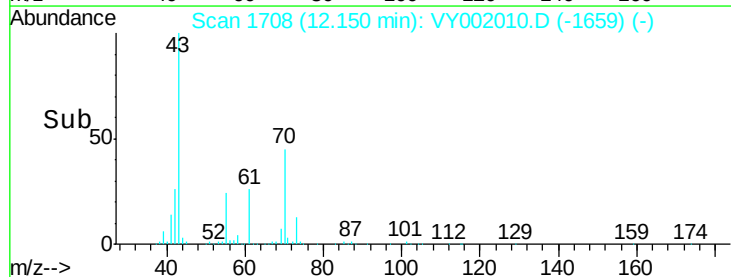
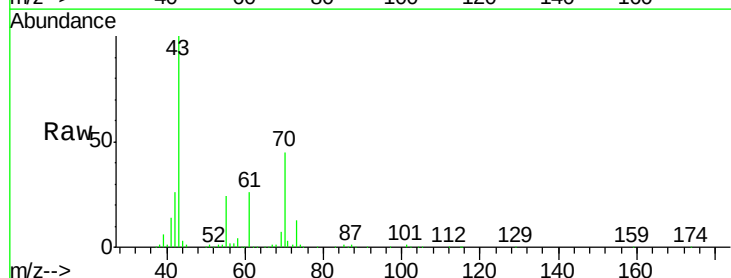
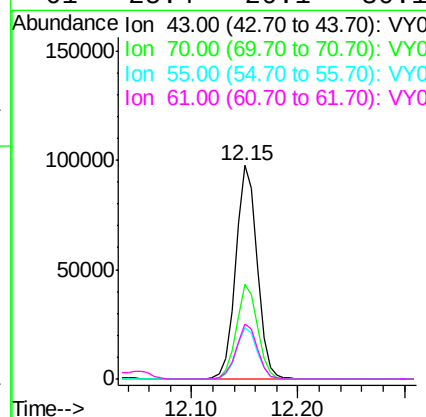
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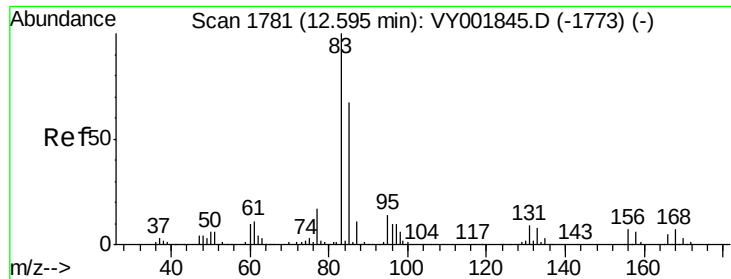
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#74
N-ethyl acetate
Concen: 53.198 ug/l
RT: 12.15 min Scan# 1708
Delta R.T. 0.00 min
Lab File: VY002010.D
Acq: 18 Mar 2020 17:19

Tgt Ion	Ratio	Lower	Upper
43	100		
70	44.0	34.7	52.1
55	23.7	18.2	27.4
61	25.4	20.1	30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 54.508 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. -0.01 min

Lab File: VY002010.D

Acq: 18 Mar 2020 17:19

Instrument :

MSVOA_Y

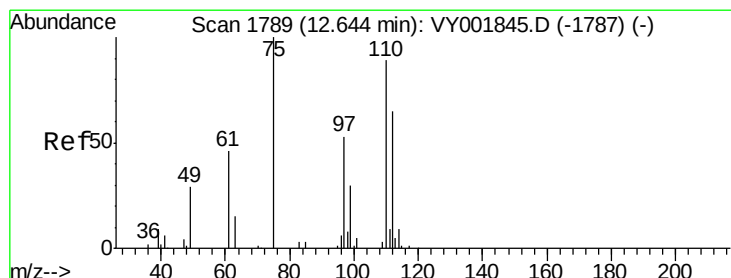
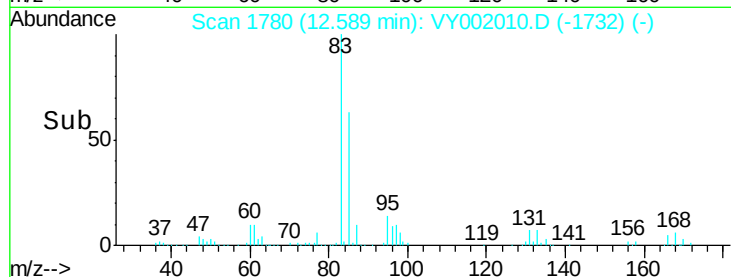
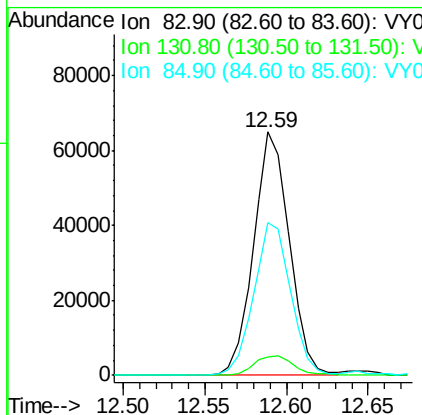
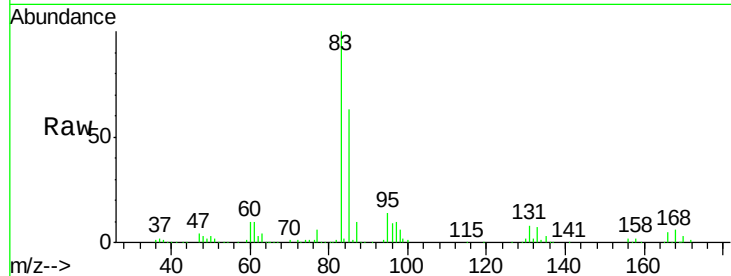
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	99293
Ion Ratio	Lower	Upper	
83	100		
131	9.0	4.6	13.8
85	64.8	32.1	96.3

Manual Integrations
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3/19/2020 11:59:39 AM



#76

1,2,3-Trichloropropane

Concen: 57.626 ug/l m

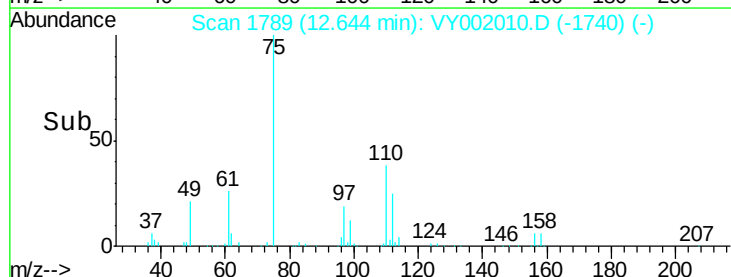
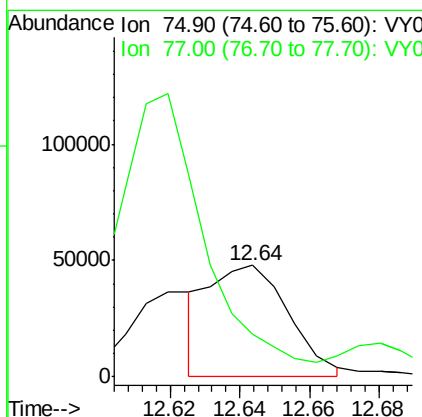
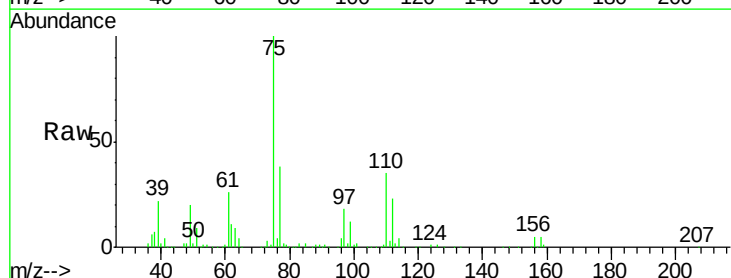
RT: 12.64 min Scan# 1789

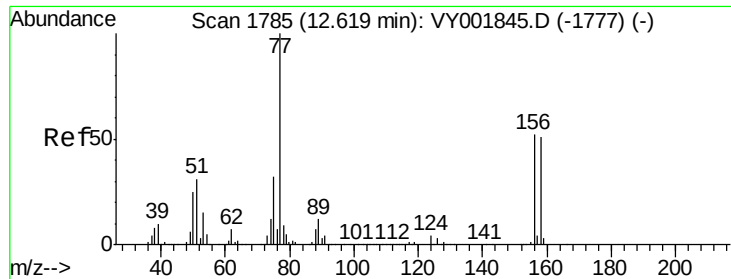
Delta R.T. 0.00 min

Lab File: VY002010.D

Acq: 18 Mar 2020 17:19

Tgt Ion:	75	Resp:	75663
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 56.230 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VY002010.D

Acq: 18 Mar 2020 17:19

Instrument :

MSVOA_Y

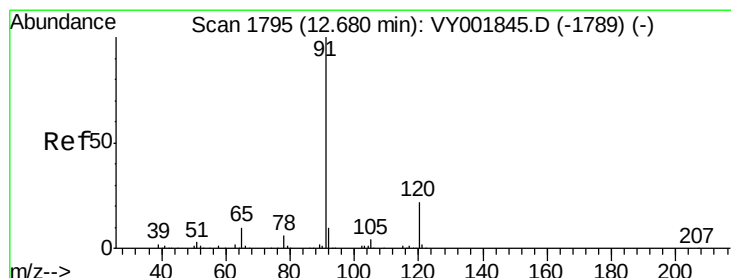
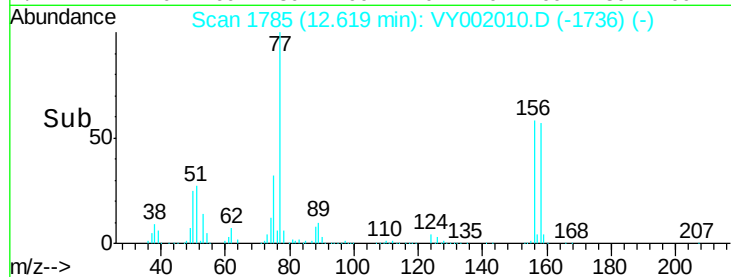
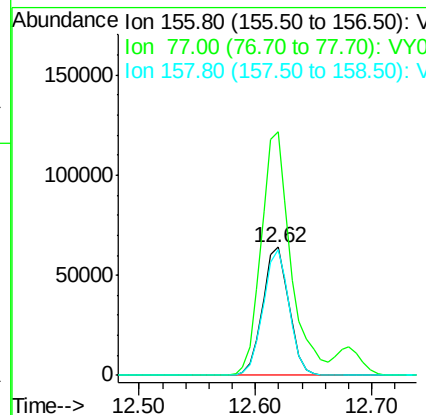
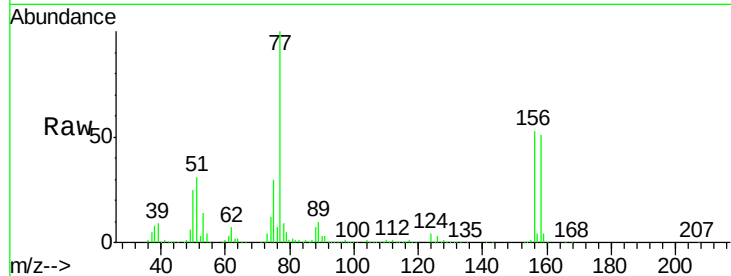
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	214.5	109.0	327.0	
158	97.0	48.9	146.8	

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#78

n-propylbenzene

Concen: 56.331 ug/l

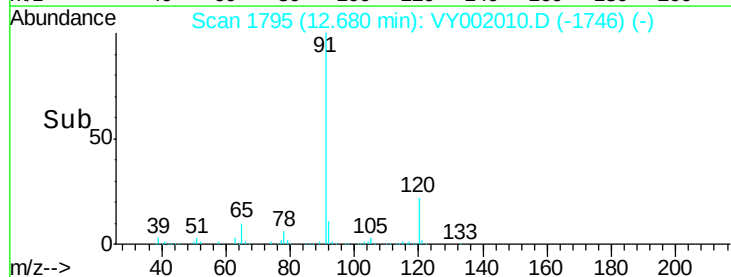
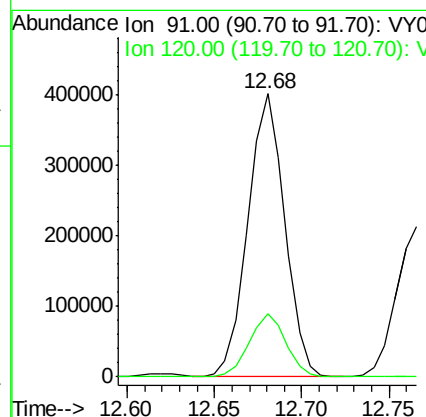
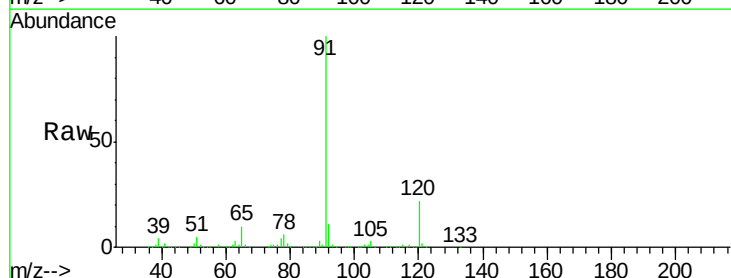
RT: 12.68 min Scan# 1795

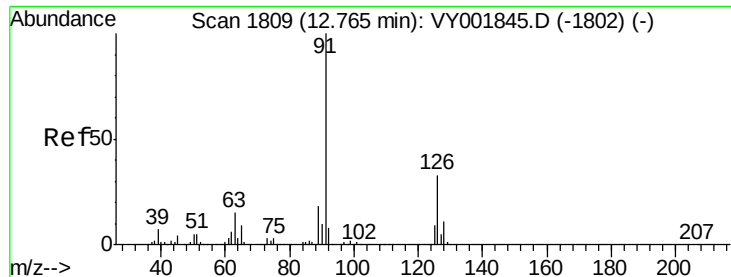
Delta R.T. 0.00 min

Lab File: VY002010.D

Acq: 18 Mar 2020 17:19

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	22.1	11.0	33.0	





#79

2-Chlorotoluene

Concen: 56.216 ug/l

RT: 12.77 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VY002010.D

Acq: 18 Mar 2020 17:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 323673

Ion Ratio Lower Upper

91 100

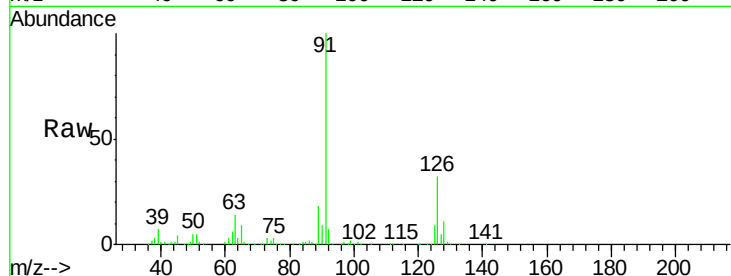
126 33.1 16.3 48.8

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Abundance Ion 91.00 (90.70 to 91.70): VY001845.D (-1802) (-)

Ion 125.90 (125.60 to 126.60): VY001845.D (-1802) (-)

300000

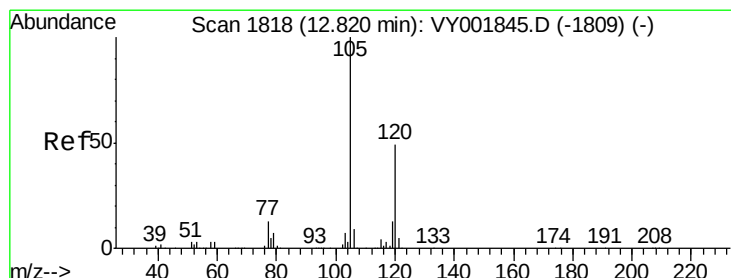
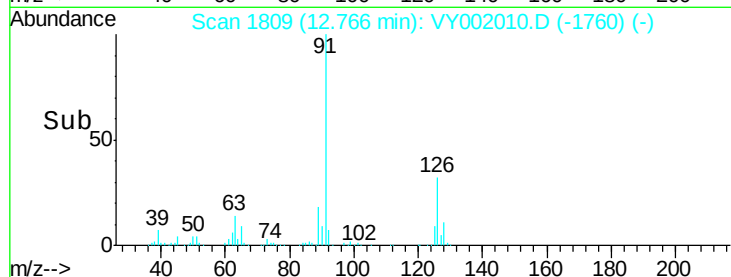
200000

100000

0

12.70 12.75 12.80

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 56.805 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VY002010.D

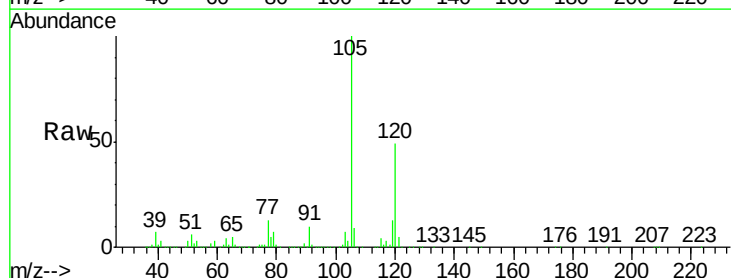
Acq: 18 Mar 2020 17:19

Tgt Ion: 105 Resp: 395029

Ion Ratio Lower Upper

105 100

120 48.6 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): VY001845.D (-1809) (-)

Ion 120.00 (119.70 to 120.70): VY001845.D (-1809) (-)

300000

250000

200000

150000

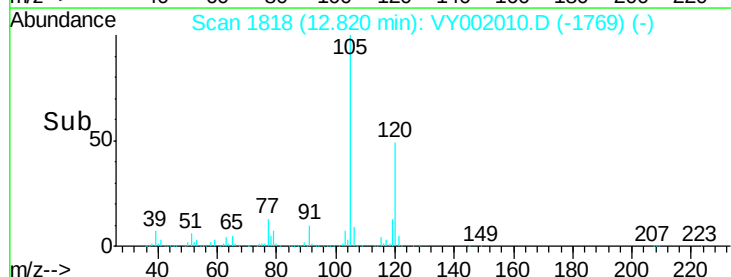
100000

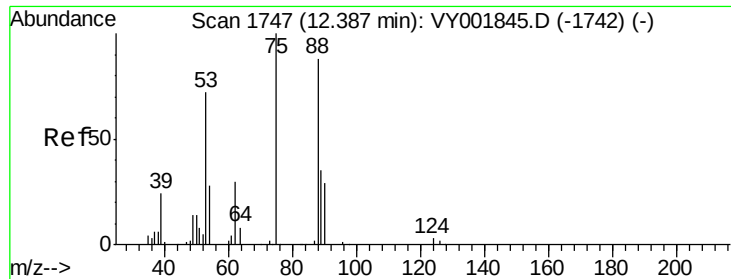
50000

0

12.70 12.80 12.90

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 55.100 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VY002010.D

Acq: 18 Mar 2020 17:19

Instrument :

MSVOA_Y

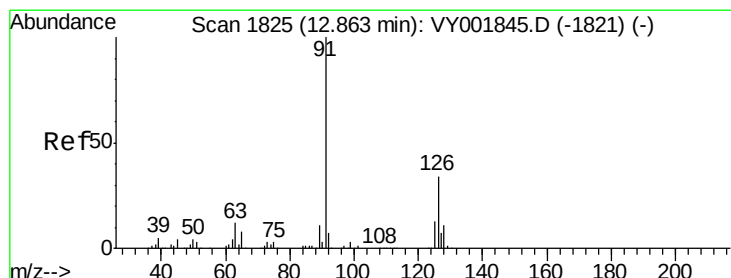
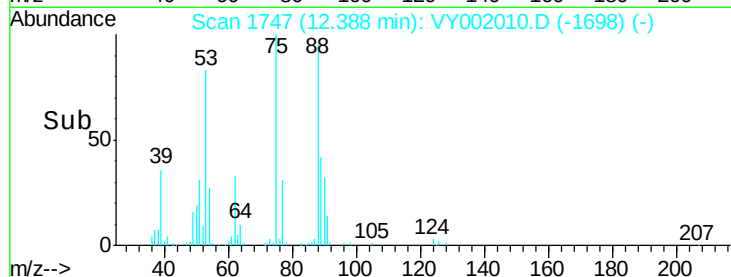
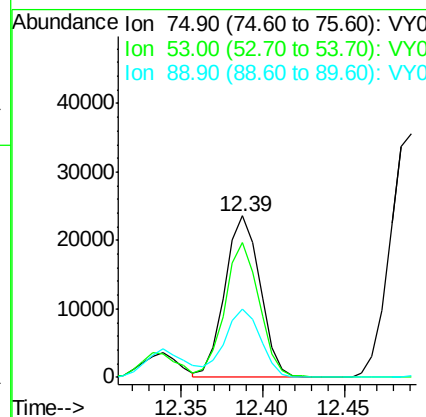
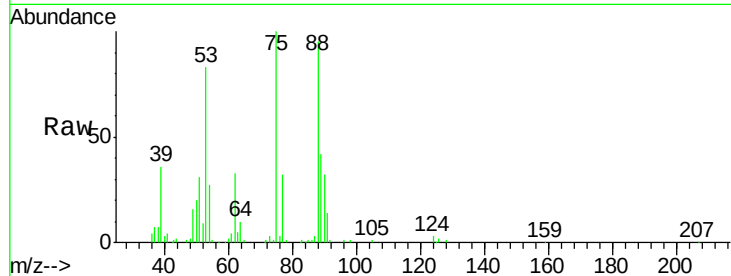
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	35816
Ion Ratio	Lower	Upper	
75	100		
53	81.6	65.4	98.0
89	42.7	36.0	54.0

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#82

4-Chlorotoluene

Concen: 56.635 ug/l

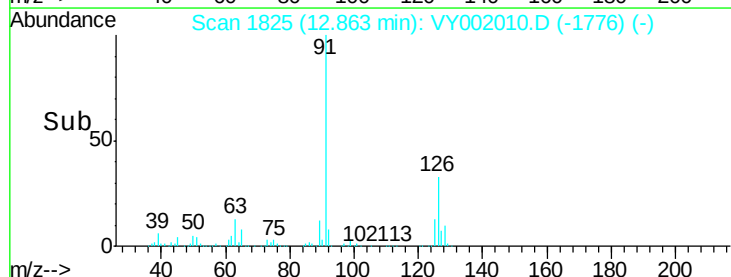
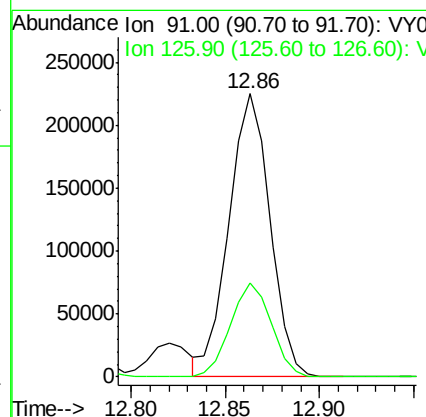
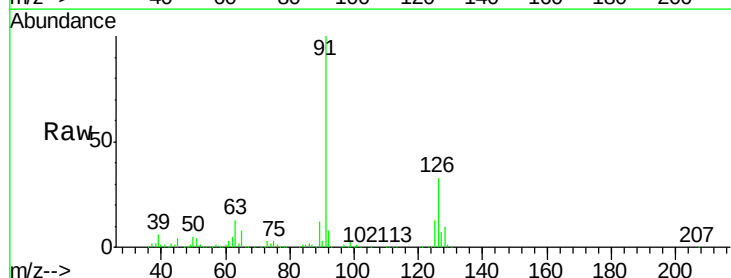
RT: 12.86 min Scan# 1825

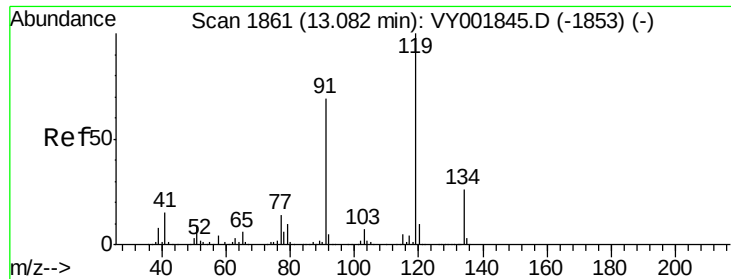
Delta R.T. 0.00 min

Lab File: VY002010.D

Acq: 18 Mar 2020 17:19

Tgt Ion:	91	Resp:	339514
Ion Ratio	Lower	Upper	
91	100		
126	33.3	16.4	49.2





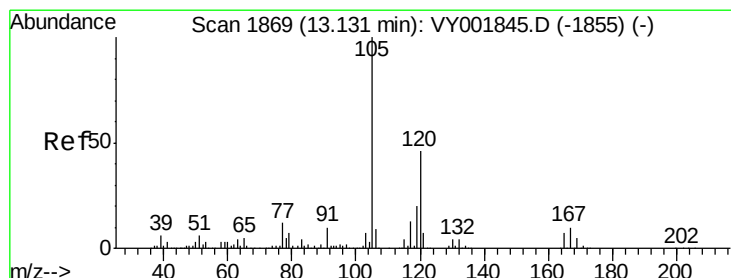
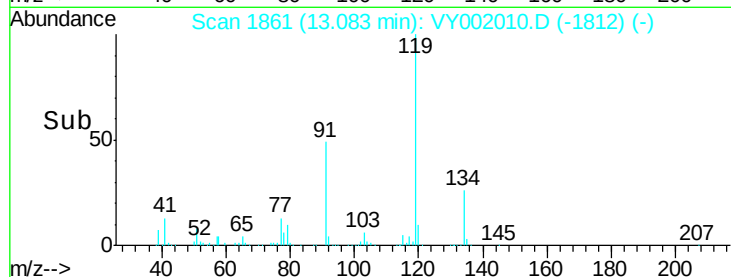
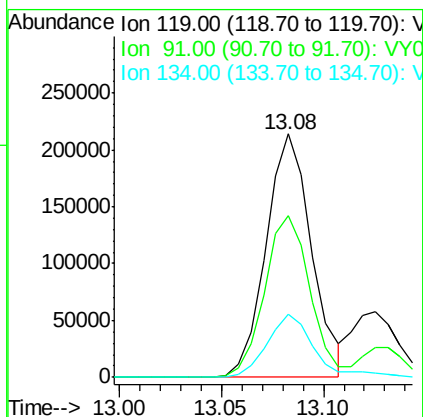
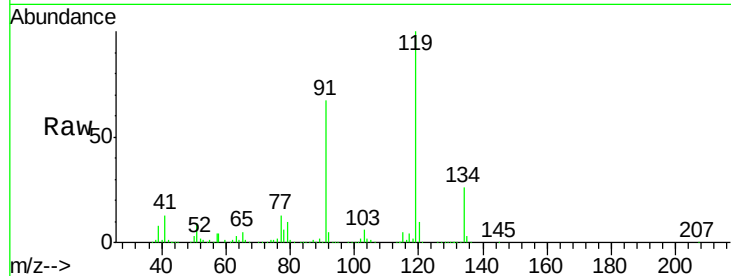
#83
 tert-Butylbenzene
 Concen: 57.410 ug/l
 RT: 13.08 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VY002010.D
 Acq: 18 Mar 2020 17:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	67.1	34.0	101.8
134	26.9	13.5	40.4

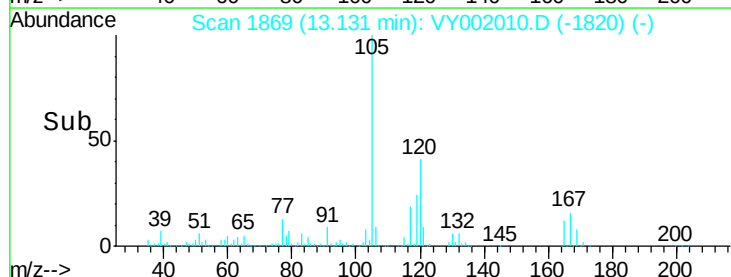
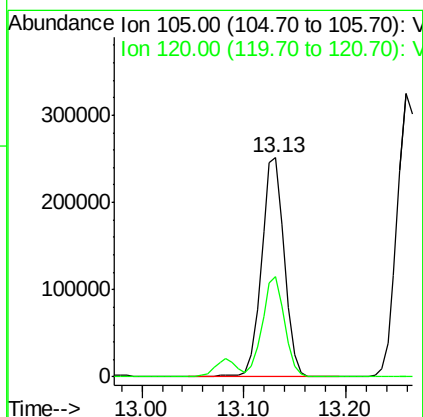
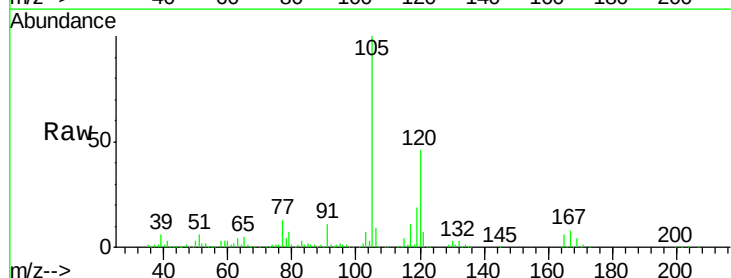
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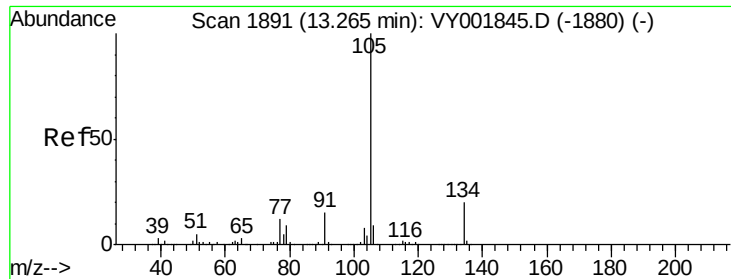
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#84
 1,2,4-Trimethylbenzene
 Concen: 56.587 ug/l
 RT: 13.13 min Scan# 1869
 Delta R.T. 0.00 min
 Lab File: VY002010.D
 Acq: 18 Mar 2020 17:19

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.6	22.6	67.7





#85

sec-Butylbenzene

Concen: 57.224 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. -0.01 min

Lab File: VY002010.D

Acq: 18 Mar 2020 17:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 487182

Ion Ratio Lower Upper

105 100

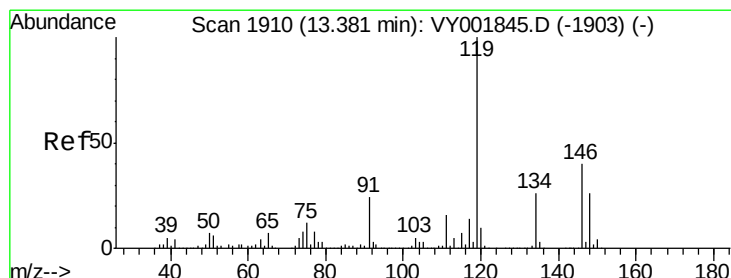
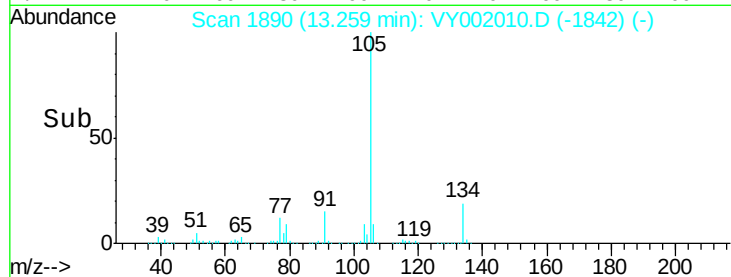
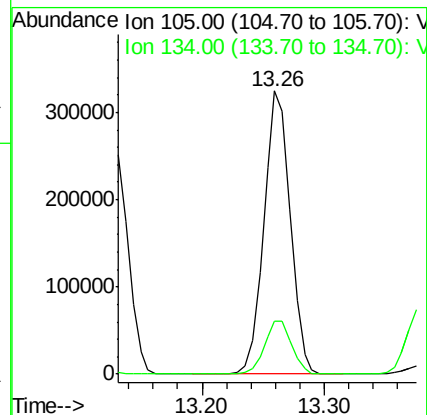
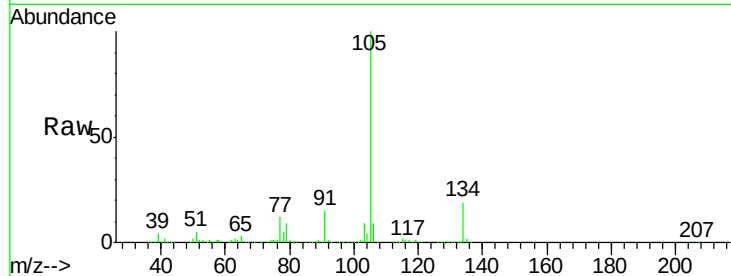
134 19.3 9.7 29.1

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#86

p-Isopropyltoluene

Concen: 56.629 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. -0.01 min

Lab File: VY002010.D

Acq: 18 Mar 2020 17:19

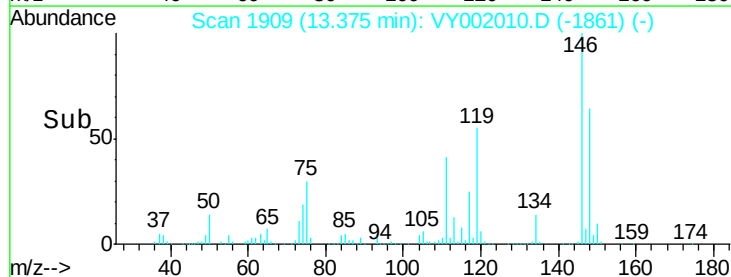
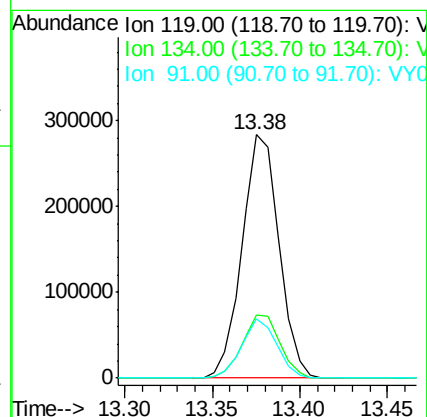
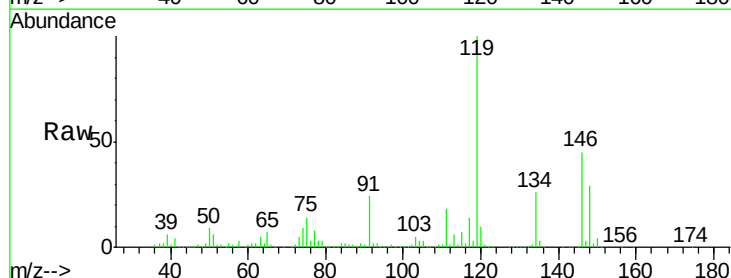
Tgt Ion:119 Resp: 415891

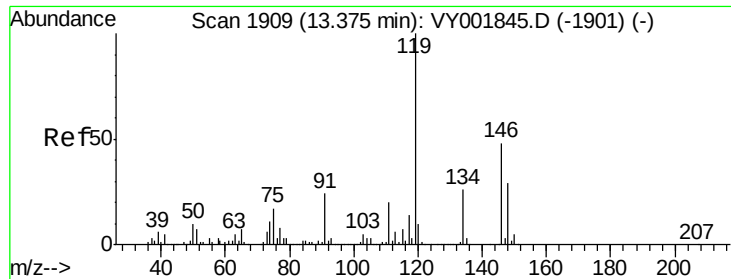
Ion Ratio Lower Upper

119 100

134 26.5 13.1 39.3

91 23.4 11.9 35.7





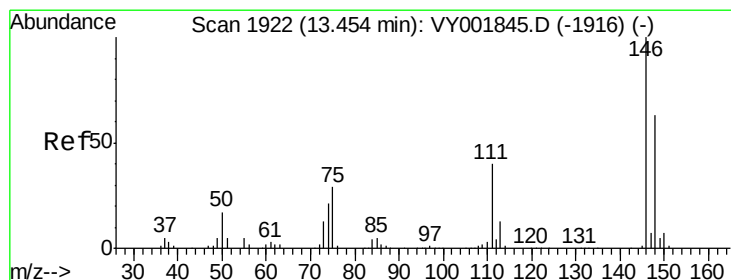
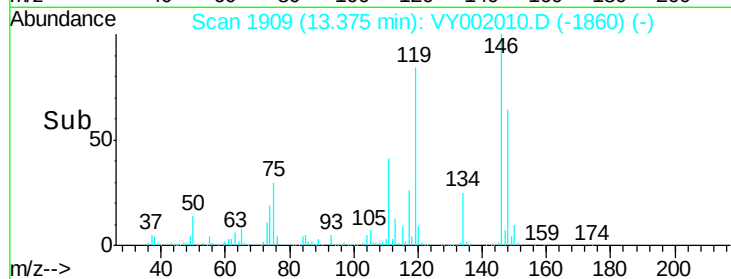
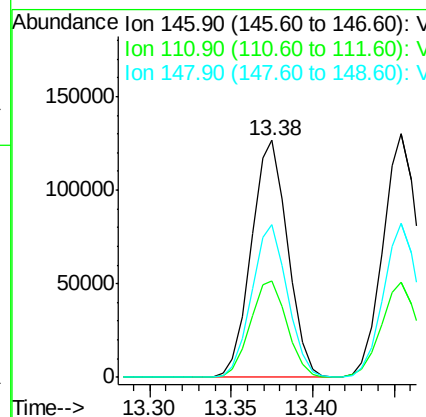
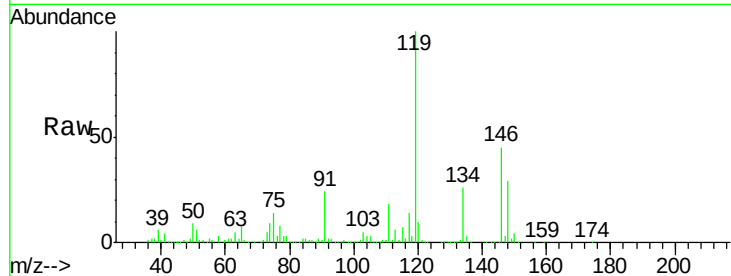
#87
 1,3-Dichlorobenzene
 Concen: 55.916 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. 0.00 min
 Lab File: VY002010.D
 Acq: 18 Mar 2020 17:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	196103		
111	41.1	20.8	62.5	
148	63.4	31.4	94.0	

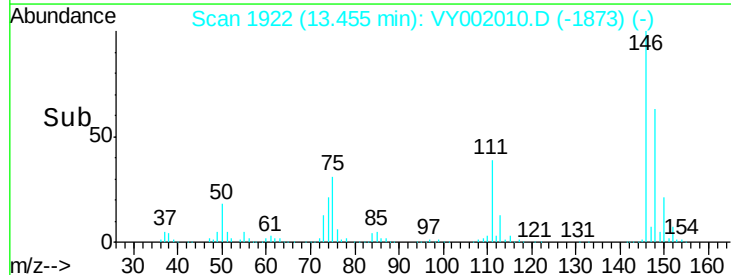
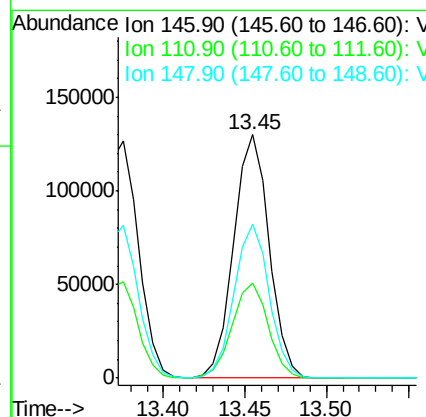
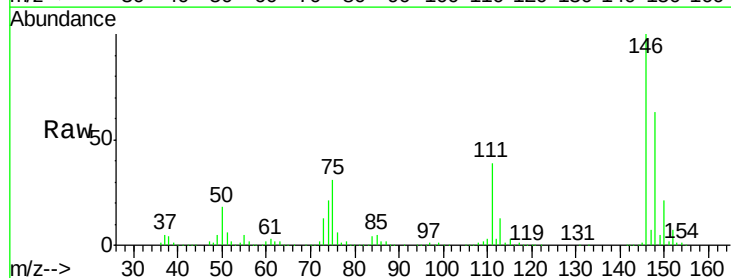
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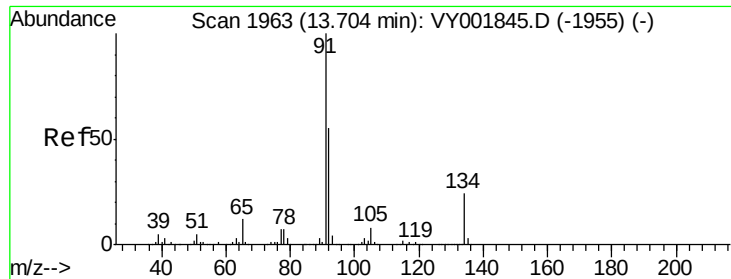
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#88
 1,4-Dichlorobenzene
 Concen: 55.266 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VY002010.D
 Acq: 18 Mar 2020 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	196630		
111	39.8	20.0	60.0	
148	62.6	31.5	94.5	





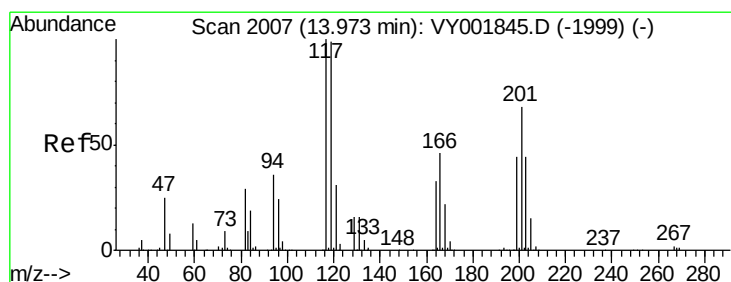
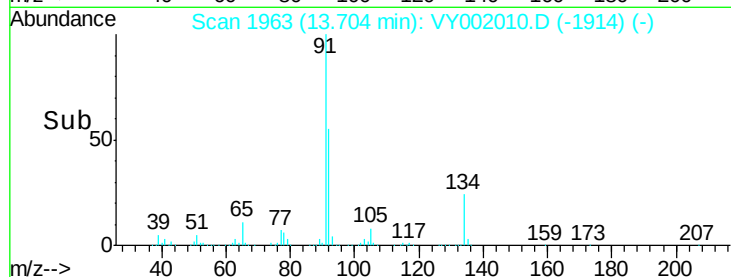
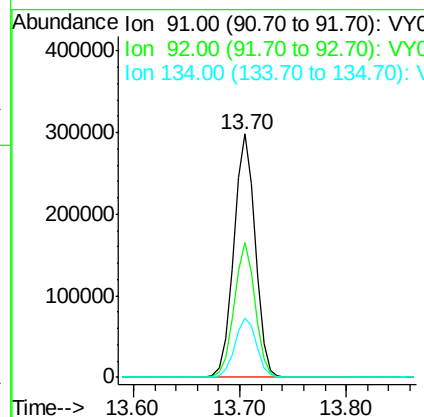
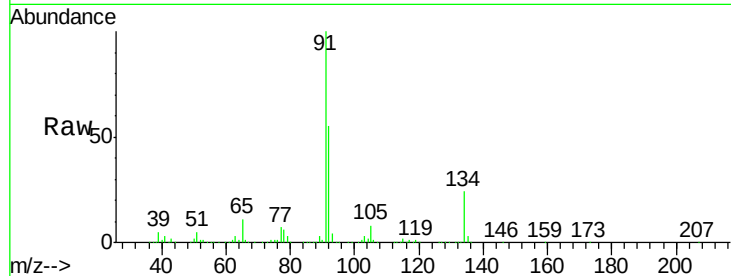
#89
n-Butylbenzene
Concen: 55.137 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VY002010.D
Acq: 18 Mar 2020 17:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
91	100	420117		
92	54.3		27.5	82.4
134	24.5		12.5	37.5

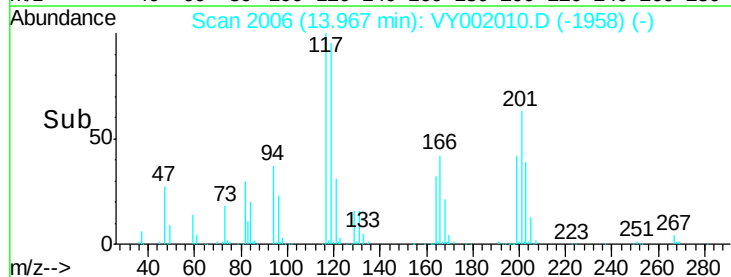
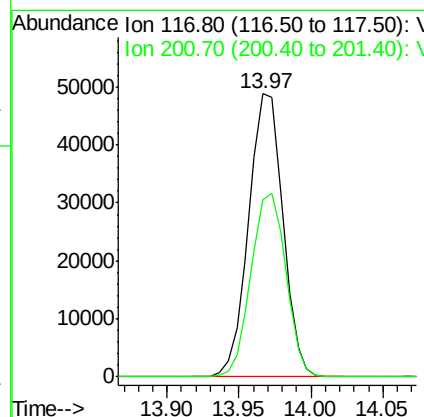
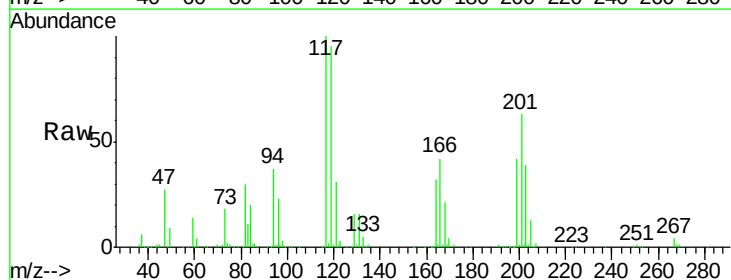
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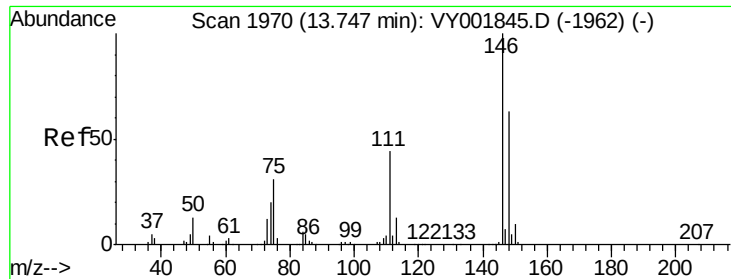
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#90
Hexachloroethane
Concen: 58.082 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. -0.01 min
Lab File: VY002010.D
Acq: 18 Mar 2020 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	80471		
201	65.8		32.5	97.5





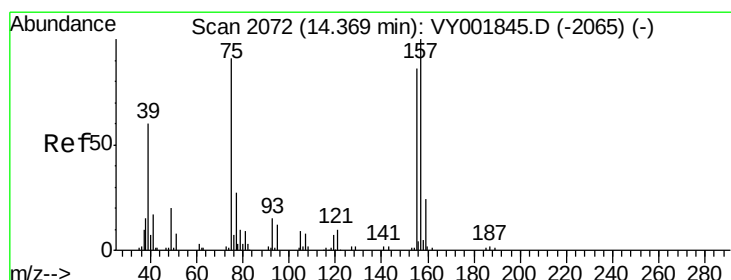
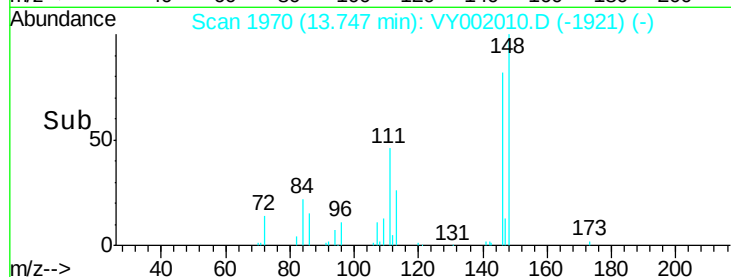
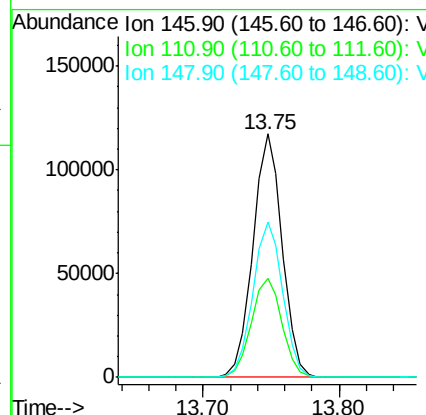
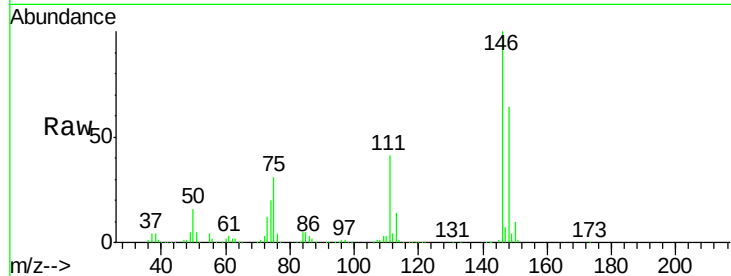
#91
 1,2-Dichlorobenzene
 Concen: 55.609 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: VY002010.D
 Acq: 18 Mar 2020 17:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.5	21.5	64.5
148	65.0	32.0	96.0

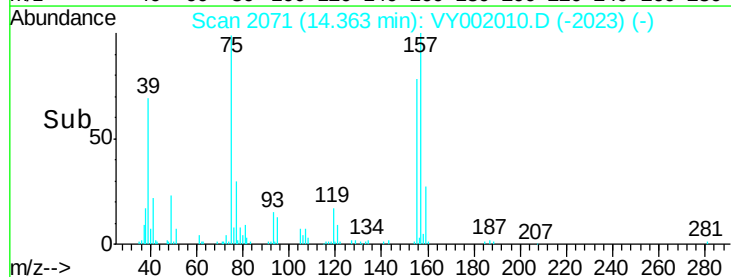
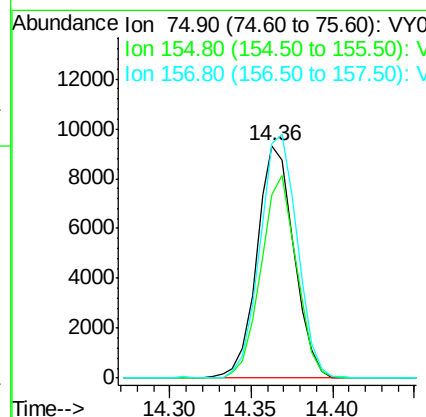
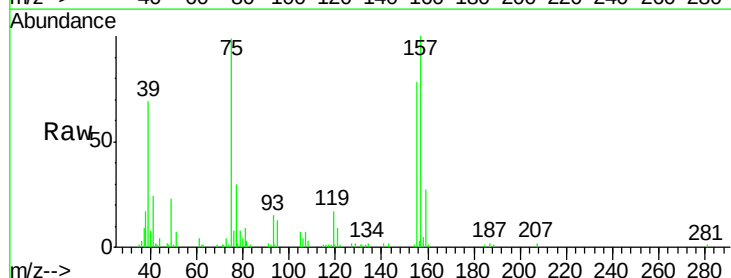
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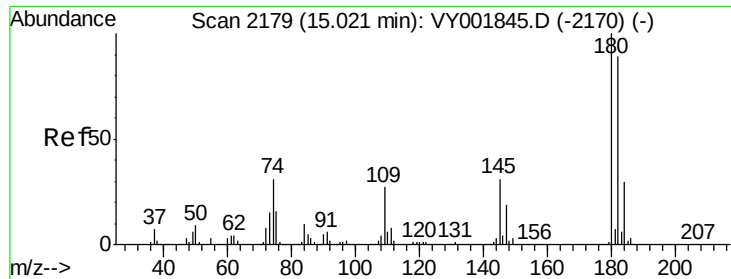
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 3/19/2020 11:59:39 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.732 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VY002010.D
 Acq: 18 Mar 2020 17:19

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.6	42.9	128.7
157	105.8	53.1	159.4





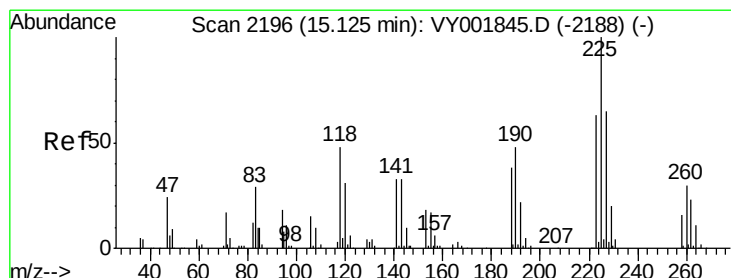
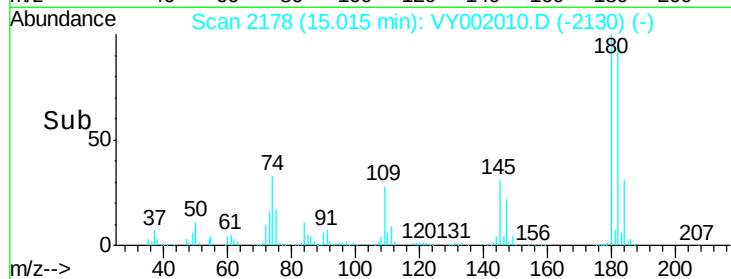
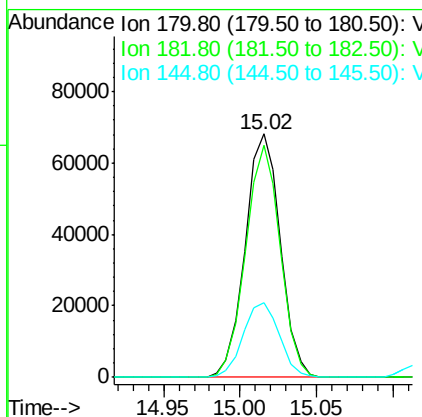
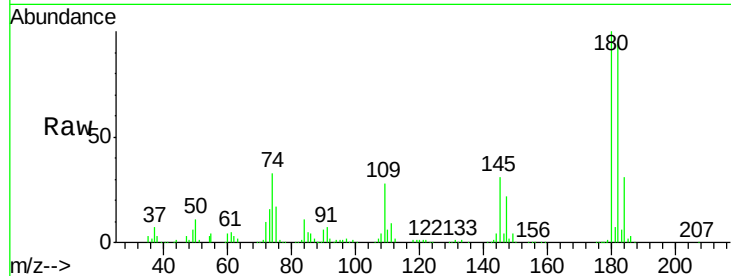
#93
 1,2,4-Trichlorobenzene
 Concen: 52.600 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. -0.01 min
 Lab File: VY002010.D
 Acq: 18 Mar 2020 17:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	108685		
182	93.8	46.1	138.3	
145	31.9	15.6	46.8	

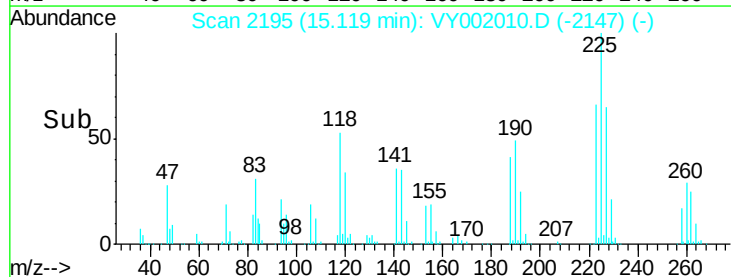
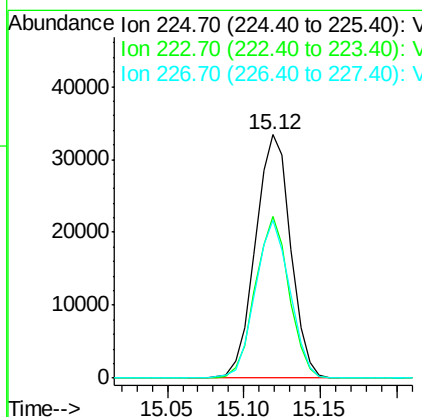
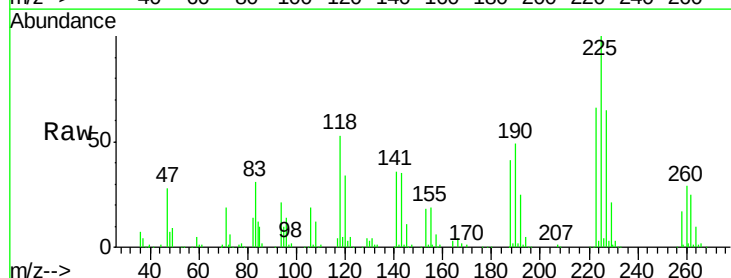
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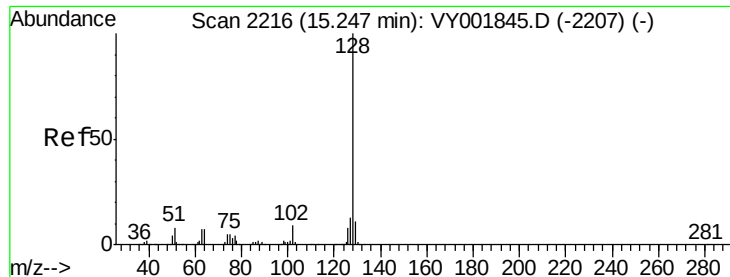
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 3/19/2020 11:59:39 AM



#94
 Hexachlorobutadiene
 Concen: 53.269 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. -0.01 min
 Lab File: VY002010.D
 Acq: 18 Mar 2020 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	53662		
223	63.4	31.5	94.5	
227	63.5	31.9	95.5	





#95

Naphthalene

Concen: 51.305 ug/l

RT: 15.24 min Scan# 2215

Delta R.T. -0.01 min

Lab File: VY002010.D

Acq: 18 Mar 2020 17:19

Instrument :

MSVOA_Y

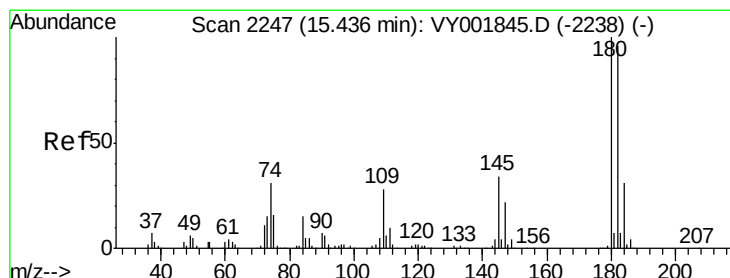
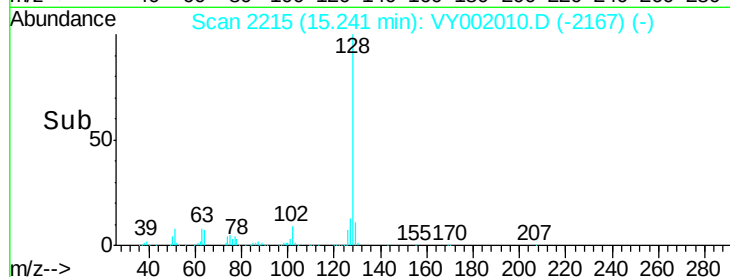
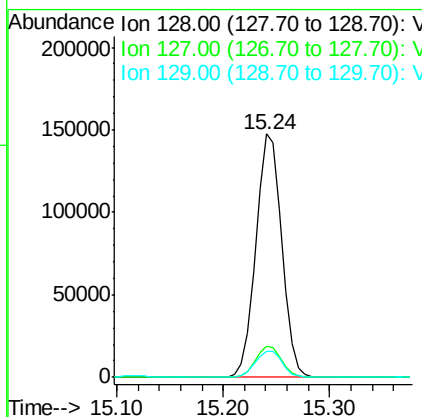
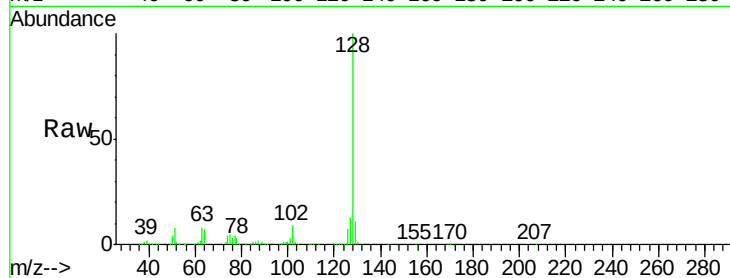
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	251450
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.1	15.1
129	11.1	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
3/19/2020 11:59:39 AM



#96

1,2,3-Trichlorobenzene

Concen: 52.072 ug/l

RT: 15.43 min Scan# 2246

Delta R.T. -0.01 min

Lab File: VY002010.D

Acq: 18 Mar 2020 17:19

Tgt Ion:	180	Resp:	94783
Ion Ratio	Lower	Upper	
180	100		
182	95.7	47.6	142.9
145	34.1	16.8	50.3

