

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY031720\
 Data File : VY002000.D
 Acq On : 17 Mar 2020 17:55
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.14G/5ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/18/2020 11:13:12 AM

Quant Time: Mar 17 18:15:17 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	293703	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	553821	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	502287	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	233999	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.17	65	174001	55.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.98%	
35) Dibromofluoromethane	7.74	113	159430	52.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.44%	
50) Toluene-d8	10.19	98	656084	51.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.90%	
62) 4-Bromofluorobenzene	12.49	95	232629	52.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	59793	22.055	ug/l	97
3) Chloromethane	2.13	50	86594	23.691	ug/l	99
4) Vinyl Chloride	2.26	62	89900	24.180	ug/l	99
5) Bromomethane	2.66	94	61251	25.317	ug/l	97
6) Chloroethane	2.81	64	58569	25.078	ug/l	96
7) Trichlorofluoromethane	3.15	101	125550	24.900	ug/l	97
8) Diethyl Ether	3.55	74	52731	26.534	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.93	101	82761	25.519	ug/l	99
10) Methyl Iodide	4.12	142	96425	25.710	ug/l	100
11) Tert butyl alcohol	4.99	59	44962	126.656	ug/l	99
12) 1,1-Dichloroethene	3.90	96	82229	25.181	ug/l	98
13) Acrolein	3.76	56	51289	116.405	ug/l	96
14) Allyl chloride	4.50	41	150640	26.022	ug/l	98
15) Acrylonitrile	5.20	53	141740	133.472	ug/l	100
16) Acetone	3.97	43	105476	115.497	ug/l	97
17) Carbon Disulfide	4.22	76	254459	23.181	ug/l	99
18) Methyl Acetate	4.50	43	62797	26.762	ug/l	98
19) Methyl tert-butyl Ether	5.25	73	238844	26.991	ug/l	100
20) Methylene Chloride	4.75	84	98497	25.166	ug/l	96
21) trans-1,2-Dichloroethene	5.25	96	95344	25.724	ug/l	98
22) Diisopropyl ether	6.15	45	324065	27.309	ug/l	97
23) Vinyl Acetate	6.10	43	1056264	135.779	ug/l	99
24) 1,1-Dichloroethane	6.05	63	171158	26.635	ug/l	99
25) 2-Butanone	7.02	43	178675	128.655	ug/l	100
26) 2,2-Dichloropropane	7.01	77	137649	26.098	ug/l	99
27) cis-1,2-Dichloroethene	7.02	96	107156	26.578	ug/l	99
28) Bromochloromethane	7.36	49	79507	27.449	ug/l	99
29) Tetrahydrofuran	7.38	42	122206	132.510	ug/l	100
30) Chloroform	7.53	83	163019	27.001	ug/l	97
31) Cyclohexane	7.81	56	170184	24.700	ug/l	98
32) 1,1,1-Trichloroethane	7.73	97	135666	26.661	ug/l	99
36) 1,1-Dichloropropene	7.94	75	132464	24.855	ug/l	99
37) Ethyl Acetate	7.10	43	81108	26.185	ug/l	99
38) Carbon Tetrachloride	7.93	117	115826	25.441	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	173018	24.477	ug/l	97
40) Benzene	8.18	78	404812	25.627	ug/l	100
41) Methacrylonitrile	7.35	41	46505m	33.361	ug/l	
42) 1,2-Dichloroethane	8.26	62	107191	26.334	ug/l	99
43) Isopropyl Acetate	8.29	43	153654	26.201	ug/l	98
44) Trichloroethene	8.96	130	97951	25.461	ug/l	96
45) 1,2-Dichloropropane	9.24	63	106593	26.843	ug/l	100
46) Dibromomethane	9.32	93	53655	26.220	ug/l	98
47) Bromodichloromethane	9.51	83	127517	26.788	ug/l	99
48) Methyl methacrylate	9.31	41	70574	27.121	ug/l	100
49) 1,4-Dioxane	9.31	88	14357	512.023	ug/l	99
51) 4-Methyl-2-Pentanone	10.08	43	403626	133.625	ug/l	100
52) Toluene	10.25	92	248245	25.870	ug/l	99
53) t-1,3-Dichloropropene	10.48	75	138820	26.768	ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	161186	26.108	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	79112	26.417	ug/l	97
56) Ethyl methacrylate	10.52	69	116920	26.636	ug/l	98
57) 1,3-Dichloropropane	10.80	76	139364	26.106	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.80	63	191622	106.412	ug/l	100
59) 2-Hexanone	10.85	43	274066	127.121	ug/l	99
60) Dibromochloromethane	11.00	129	85463	27.082	ug/l	99
61) 1,2-Dibromoethane	11.10	107	74464	26.249	ug/l	99
64) Tetrachloroethene	10.73	164	79164	25.132	ug/l	97
65) Chlorobenzene	11.53	112	255570	25.536	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.60	131	86801	26.447	ug/l	100
67) Ethyl Benzene	11.60	91	479209	25.674	ug/l	98
68) m/p-Xylenes	11.71	106	353765	51.265	ug/l	100
69) o-Xylene	12.04	106	170453	26.207	ug/l	97
70) Styrene	12.05	104	295899	26.562	ug/l	99
71) Bromoform	12.22	173	48952	27.503	ug/l #	99
73) Isopropylbenzene	12.34	105	457279	25.599	ug/l	99
74) N-amyl acetate	12.15	43	140603	25.611	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.59	83	99282	25.774	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	61423m	22.122	ug/l	
77) Bromobenzene	12.62	156	97521	25.768	ug/l	98
78) n-propylbenzene	12.68	91	560545	25.436	ug/l	100
79) 2-Chlorotoluene	12.77	91	309783	25.443	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	377251	25.654	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	34627	25.191	ug/l	97
82) 4-Chlorotoluene	12.86	91	325696	25.692	ug/l	99
83) tert-Butylbenzene	13.08	119	316252	25.893	ug/l	98
84) 1,2,4-Trimethylbenzene	13.13	105	375015	25.697	ug/l	99
85) sec-Butylbenzene	13.26	105	470263	26.121	ug/l	100
86) p-Isopropyltoluene	13.38	119	399922	25.751	ug/l	100
87) 1,3-Dichlorobenzene	13.38	146	188868	25.467	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	190154	25.274	ug/l	99
89) n-Butylbenzene	13.70	91	411045	25.511	ug/l	99
90) Hexachloroethane	13.97	117	77636	26.499	ug/l	100
91) 1,2-Dichlorobenzene	13.75	146	173435	25.742	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	14885	24.763	ug/l	97

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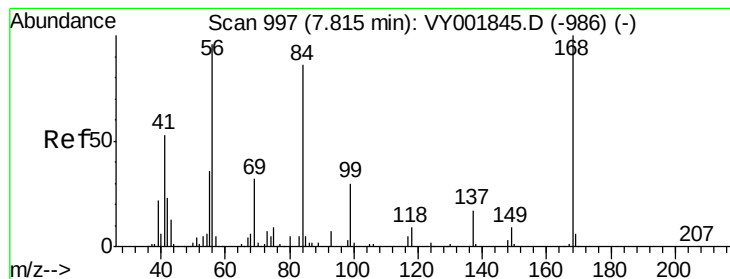
Manual Integrations
APPROVED

MMDadoda
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	108987	24.943	ug/l	97
94) Hexachlorobutadiene	15.12	225	53341	25.040	ug/l	100
95) Naphthalene	15.25	128	263332	25.408	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	97222	25.258	ug/l	100

(#) = 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: VY002000.D

Acq: 17 Mar 2020 17:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 293703

Ion Ratio Lower Upper

168 100

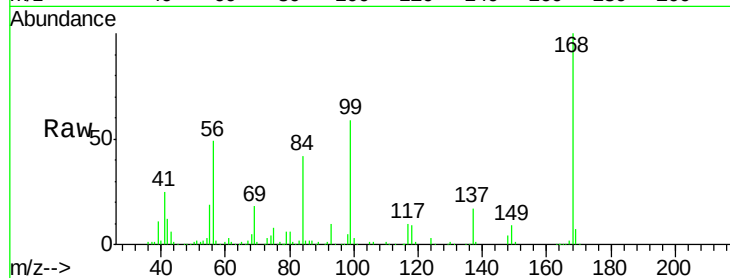
99 58.7 46.7 70.1

Manual Integrations

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3/18/2020 11:13:12 AM



Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

7.82

150000

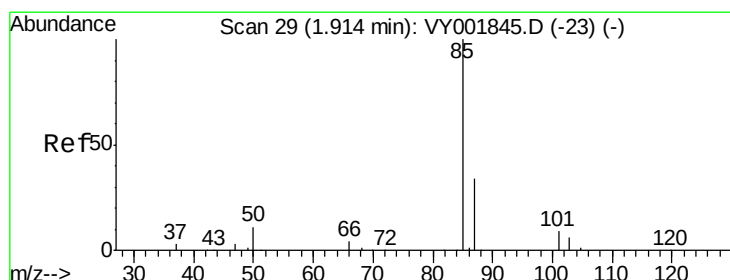
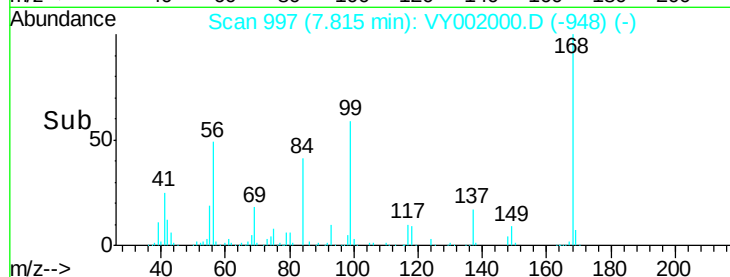
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 22.055 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.00 min

Lab File: VY002000.D

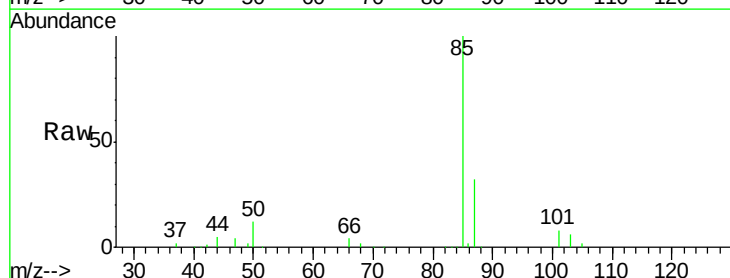
Acq: 17 Mar 2020 17:55

Tgt Ion: 85 Resp: 59793

Ion Ratio Lower Upper

85 100

87 31.6 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

40000

30000

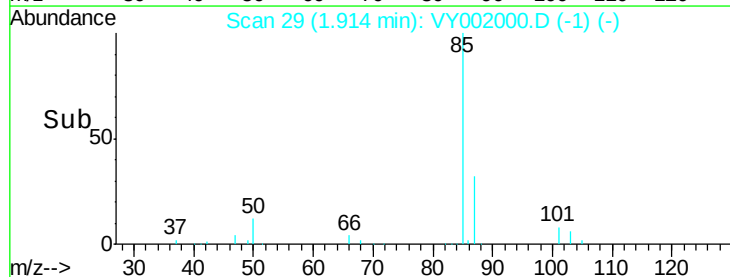
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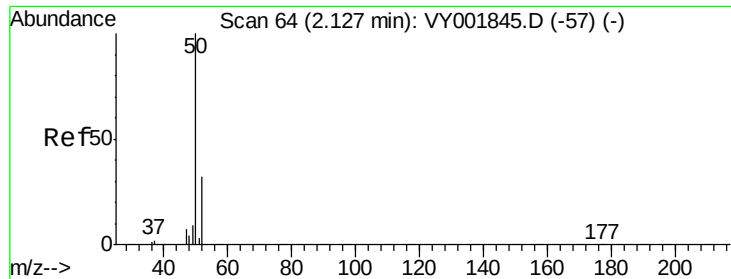
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0

1.90 2.00

Time-->





#3

Chloromethane

Concen: 23.691 ug/l

RT: 2.13 min Scan# 64

Delta R.T. 0.00 min

Lab File: VY002000.D

Acq: 17 Mar 2020 17:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 86594

Ion Ratio Lower Upper

50 100

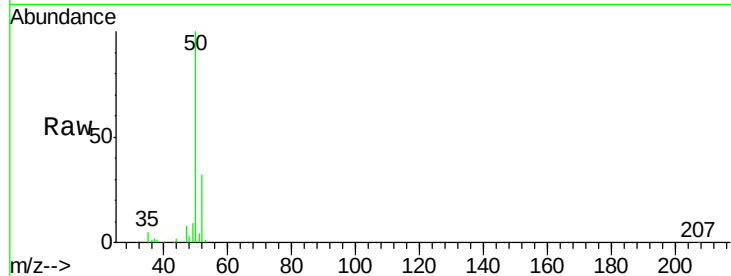
52 31.7 25.8 38.6

Manual Integrations

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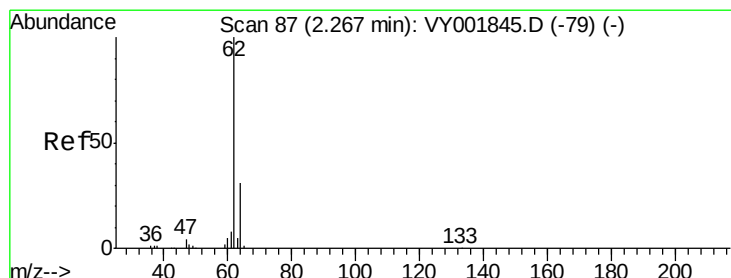
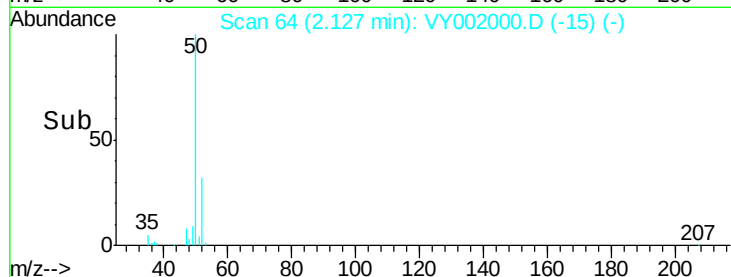
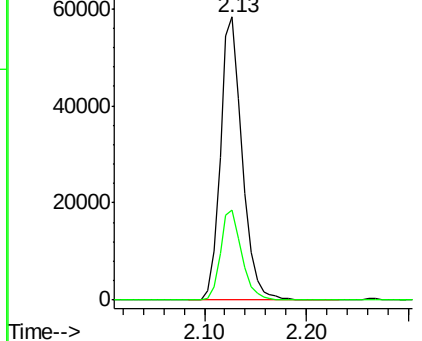
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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 24.180 ug/l

RT: 2.26 min Scan# 86

Delta R.T. -0.01 min

Lab File: VY002000.D

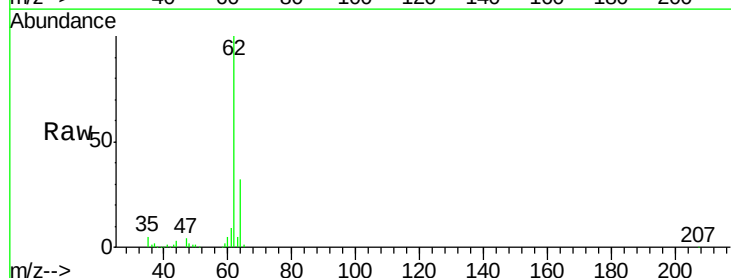
Acq: 17 Mar 2020 17:55

Tgt Ion: 62 Resp: 89900

Ion Ratio Lower Upper

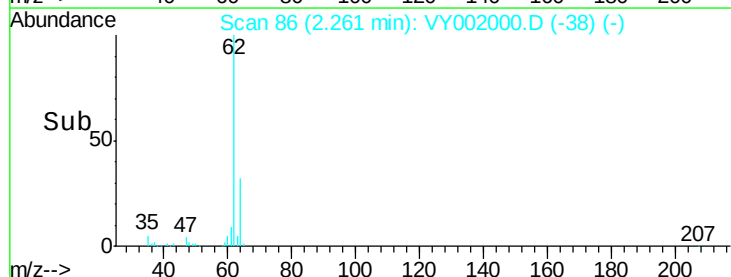
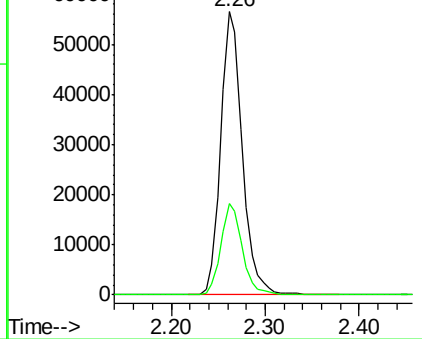
62 100

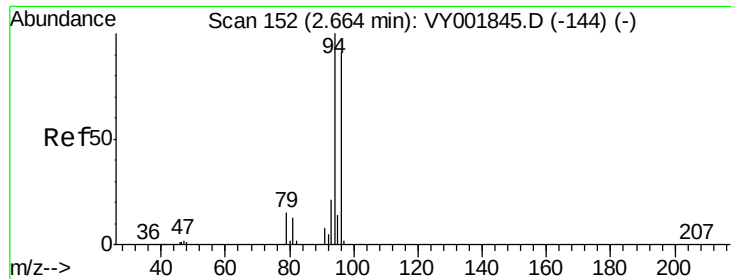
64 32.2 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 25.317 ug/l

RT: 2.66 min Scan# 152

Delta R.T. 0.00 min

Lab File: VY002000.D

Acq: 17 Mar 2020 17:55

Instrument :

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ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 61251

Ion Ratio Lower Upper

94 100

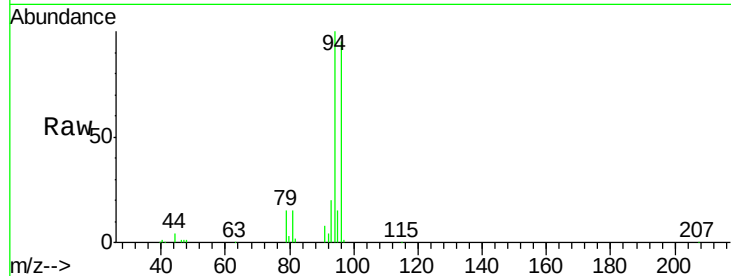
96 94.6 73.2 109.8

Manual Integrations

APPROVED

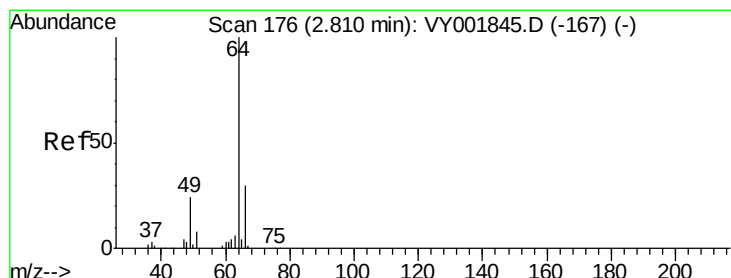
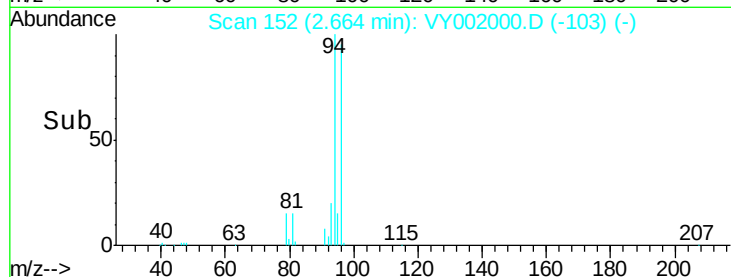
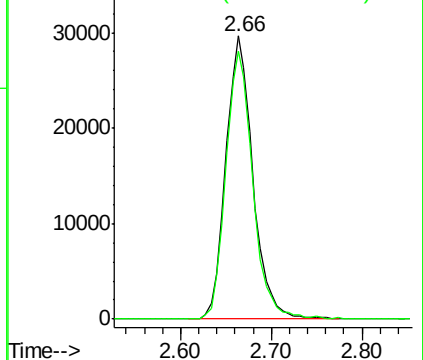
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 25.078 ug/l

RT: 2.81 min Scan# 176

Delta R.T. 0.00 min

Lab File: VY002000.D

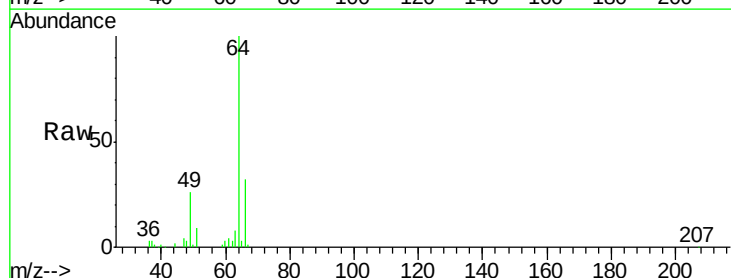
Acq: 17 Mar 2020 17:55

Tgt Ion: 64 Resp: 58569

Ion Ratio Lower Upper

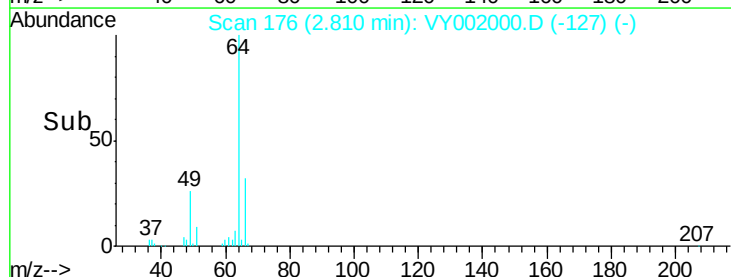
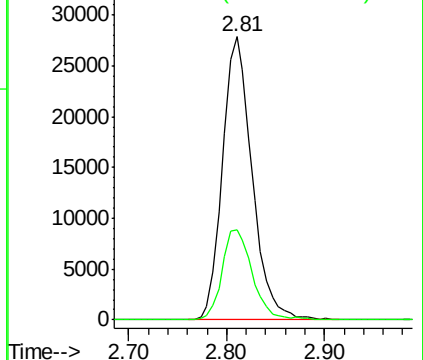
64 100

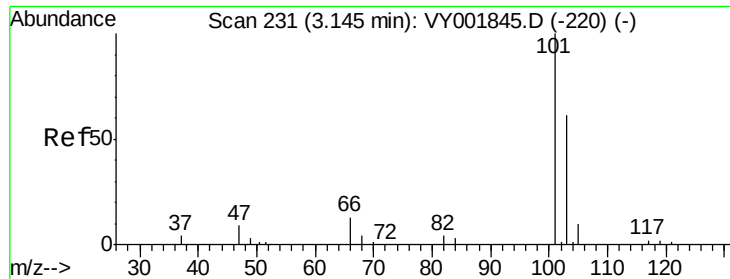
66 31.9 23.8 35.8



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

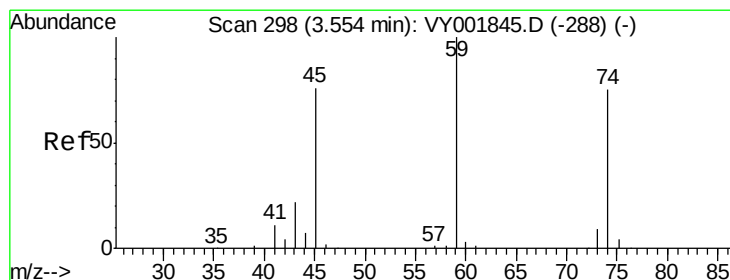
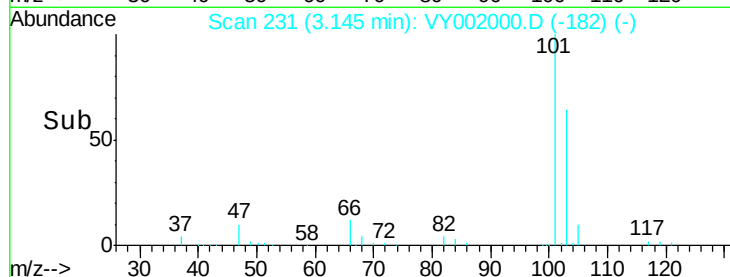
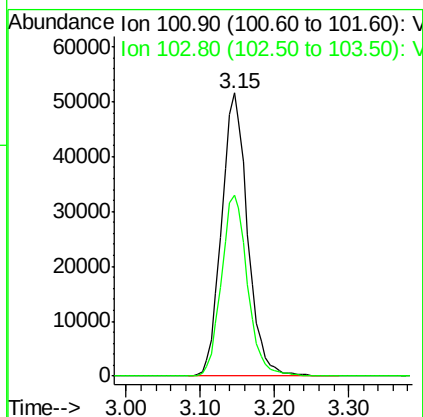
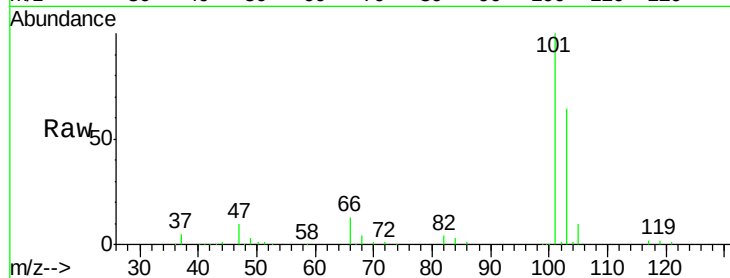
Trichlorofluoromethane
Concen: 24.900 ug/l
RT: 3.15 min Scan# 231
Delta R.T. 0.00 min
Lab File: VY002000.D
Acq: 17 Mar 2020 17:55

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ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.0	49.1	73.7

Manual Integrations
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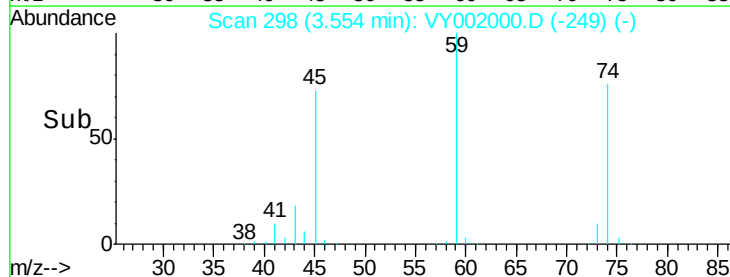
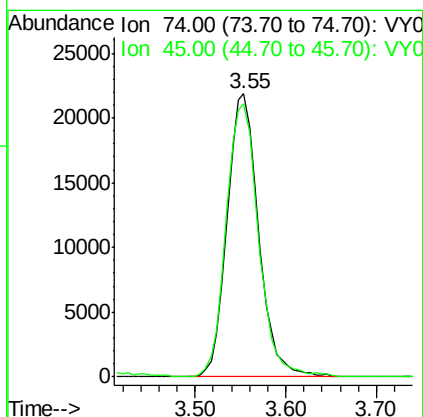
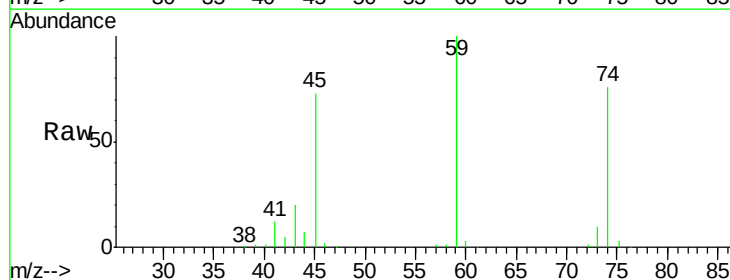
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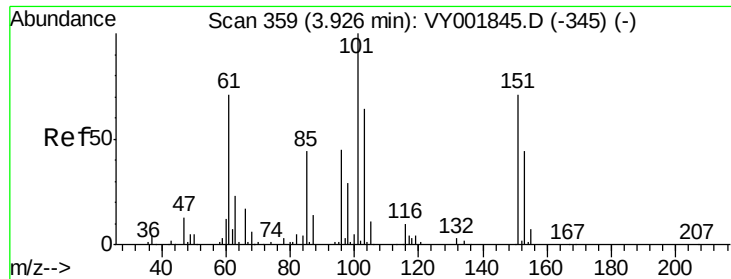


#8

Diethyl Ether
Concen: 26.534 ug/l
RT: 3.55 min Scan# 298
Delta R.T. 0.00 min
Lab File: VY002000.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.6	50.5	151.5





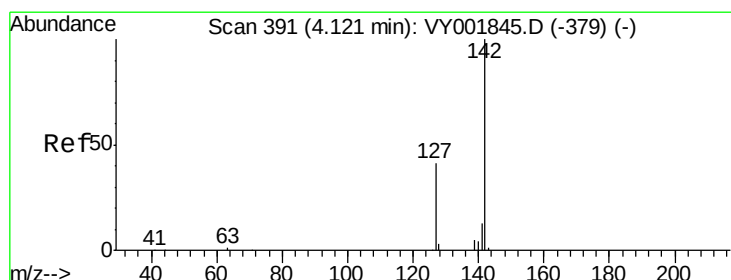
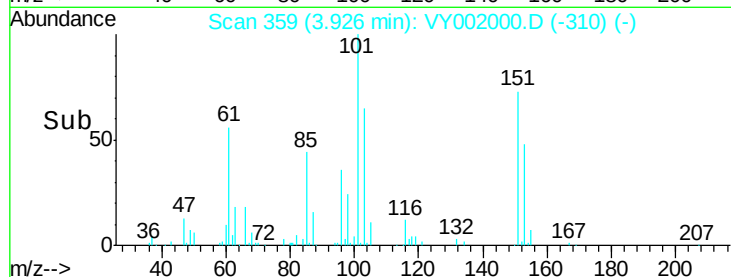
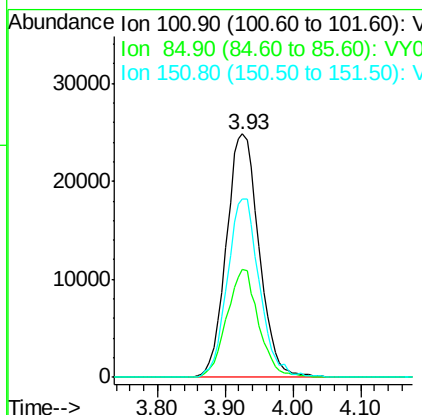
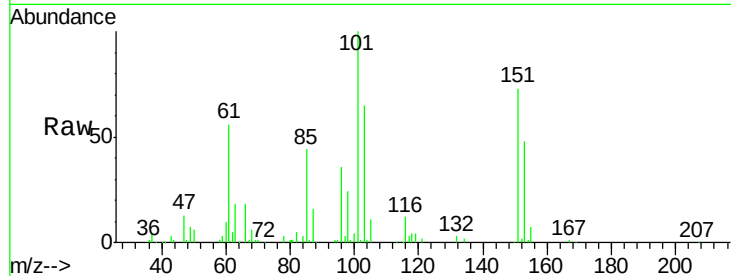
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 25.519 ug/l
 RT: 3.93 min Scan# 359
 Delta R.T. 0.00 min
 Lab File: VY002000.D
 Acq: 17 Mar 2020 17:55

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 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
85	43.3	35.3	52.9
151	72.1	57.0	85.4

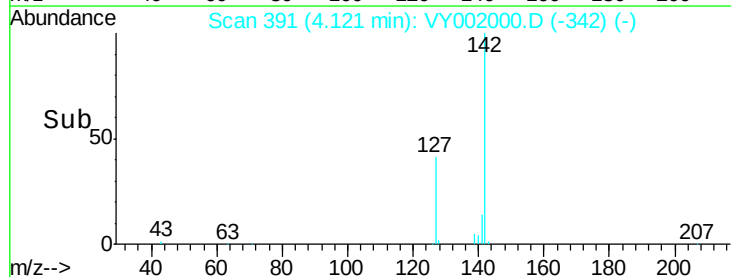
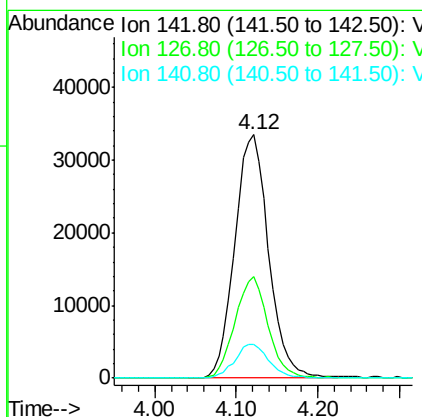
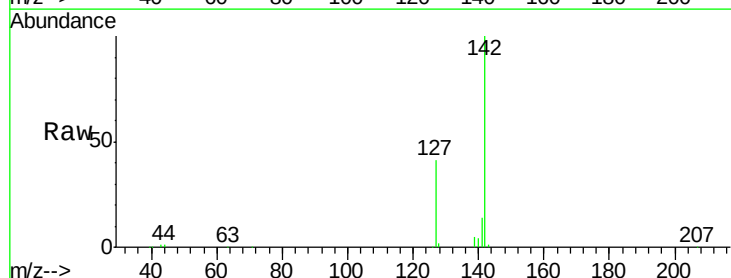
Manual Integrations
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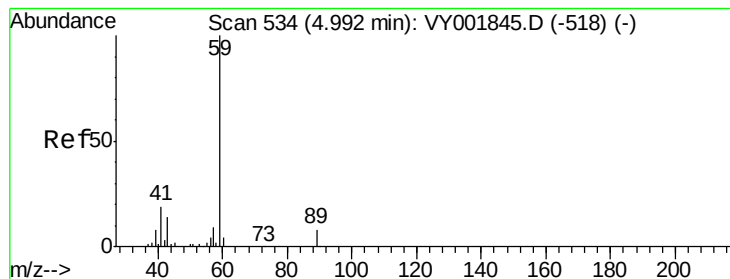
MMDadoda
 3/18/2020 11:13:12 AM



#10
 Methyl Iodide
 Concen: 25.710 ug/l
 RT: 4.12 min Scan# 391
 Delta R.T. 0.00 min
 Lab File: VY002000.D
 Acq: 17 Mar 2020 17:55

Tgt Ion	Ratio	Lower	Upper
142	100		
127	40.7	32.7	49.1
141	13.9	11.0	16.6





#11

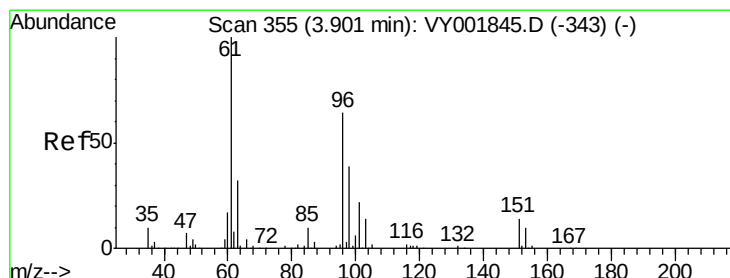
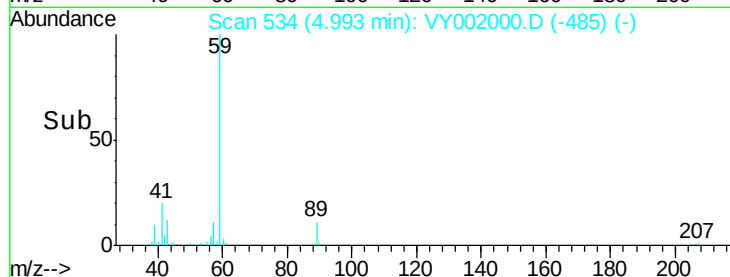
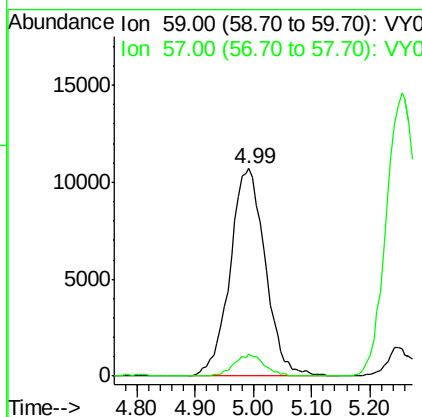
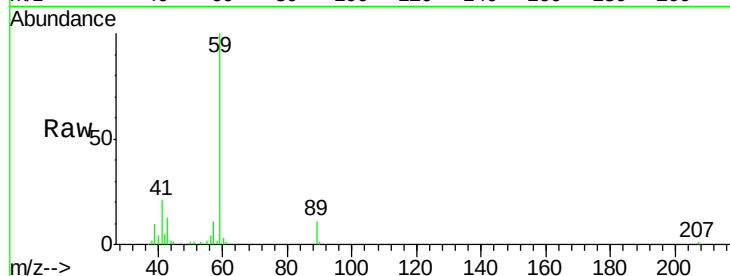
Tert butyl alcohol
 Concen: 126.656 ug/l
 RT: 4.99 min Scan# 534
 Delta R.T. 0.00 min
 Lab File: VY002000.D
 Acq: 17 Mar 2020 17:55

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	59	Resp	44962
Ion	Ratio	Lower	Upper
59	100		
57	9.0	7.4	11.2

Manual Integrations
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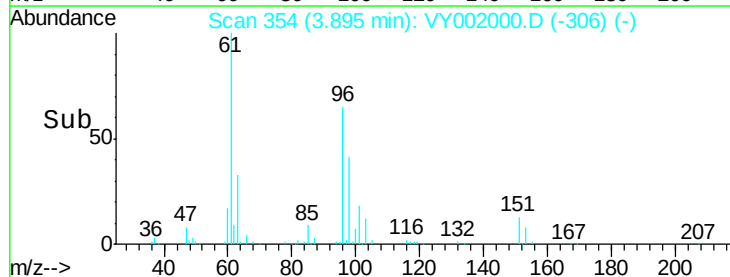
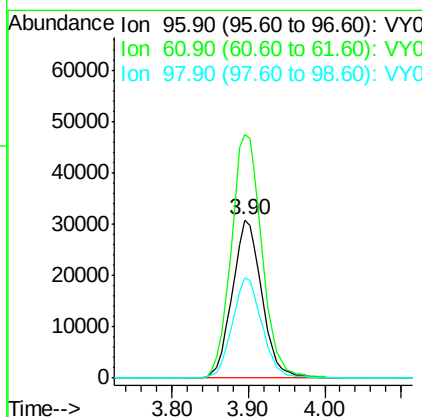
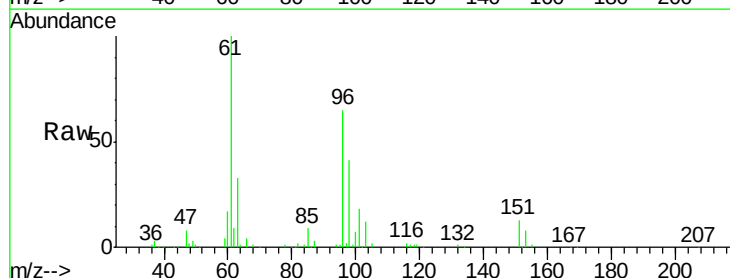
MMDadoda
 3/18/2020 11:13:12 AM

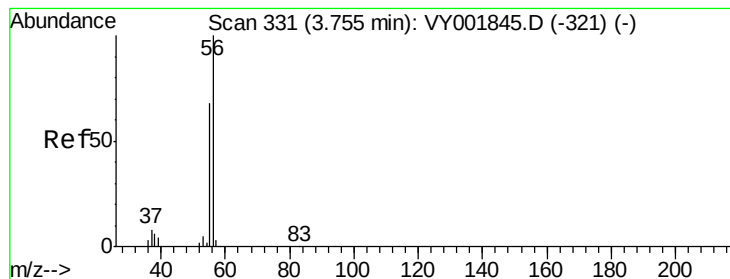


#12

1,1-Dichloroethene
 Concen: 25.181 ug/l
 RT: 3.90 min Scan# 354
 Delta R.T. -0.01 min
 Lab File: VY002000.D
 Acq: 17 Mar 2020 17:55

Tgt Ion	96	Resp	82229
Ion	Ratio	Lower	Upper
96	100		
61	154.0	124.8	187.2
98	63.4	49.2	73.8





#13

Acrolein

Concen: 116.405 ug/l

RT: 3.76 min Scan# 331

Delta R.T. 0.00 min

Lab File: VY002000.D

Acq: 17 Mar 2020 17:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 51289

Ion Ratio Lower Upper

56 100

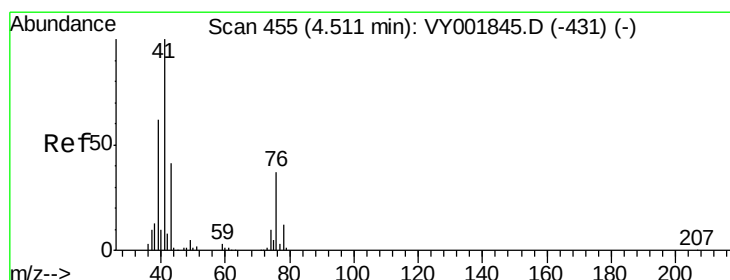
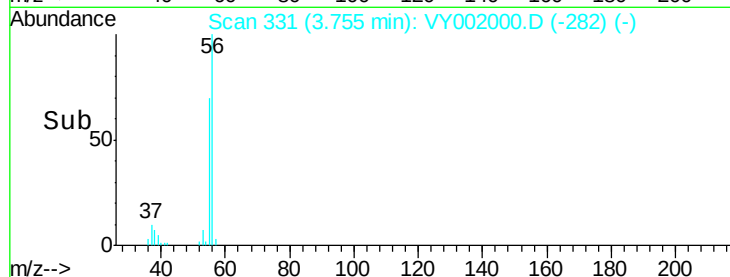
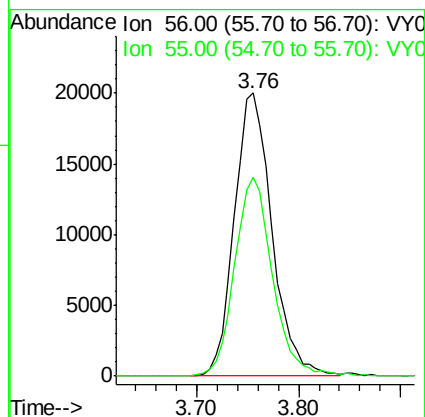
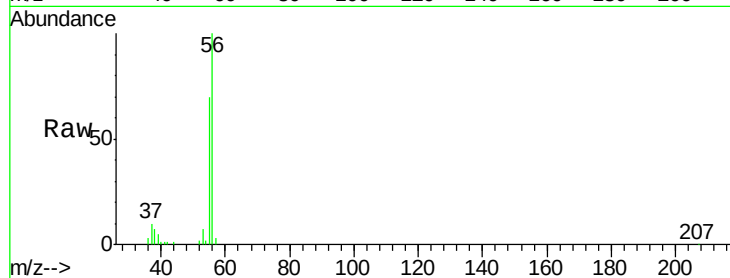
55 70.8 54.0 81.0

Manual Integrations

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MMDadoda

3/18/2020 11:13:12 AM



#14

Allyl chloride

Concen: 26.022 ug/l

RT: 4.50 min Scan# 454

Delta R.T. -0.01 min

Lab File: VY002000.D

Acq: 17 Mar 2020 17:55

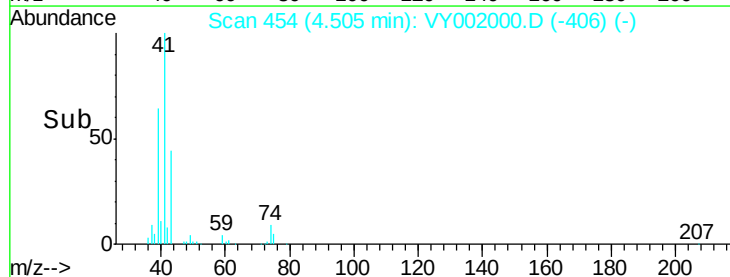
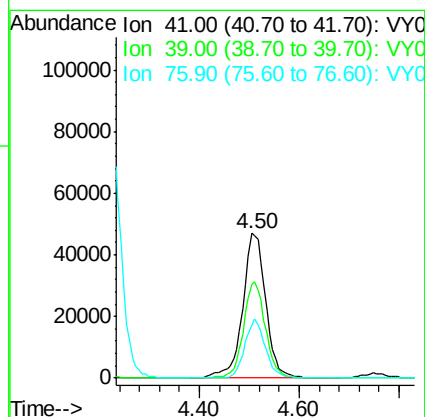
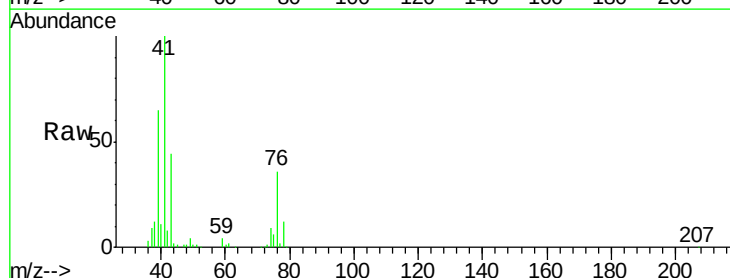
Tgt Ion: 41 Resp: 150640

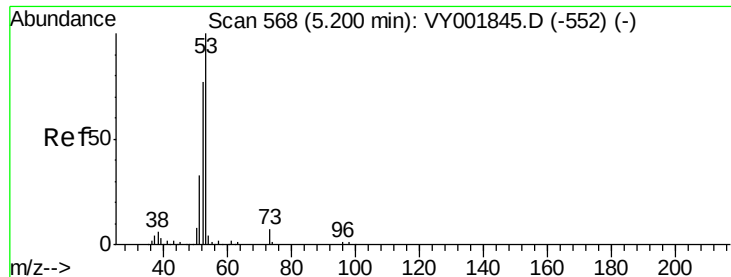
Ion Ratio Lower Upper

41 100

39 63.2 49.0 73.6

76 36.0 28.9 43.3





#15

Acrylonitrile

Concen: 133.472 ug/l

RT: 5.20 min Scan# 568

Delta R.T. 0.00 min

Lab File: VY002000.D

Acq: 17 Mar 2020 17:55

Instrument :

MSVOA_Y

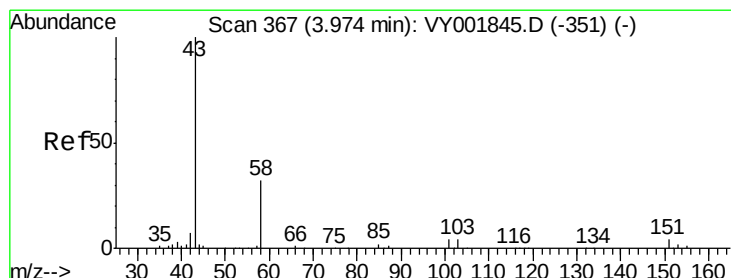
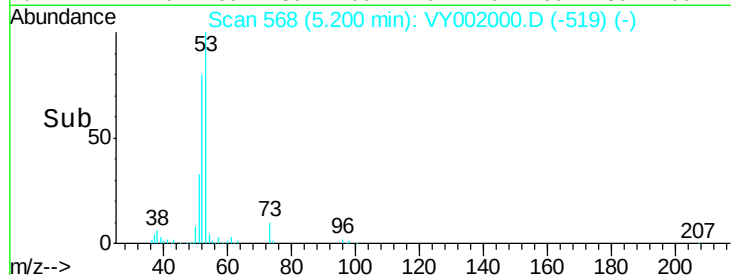
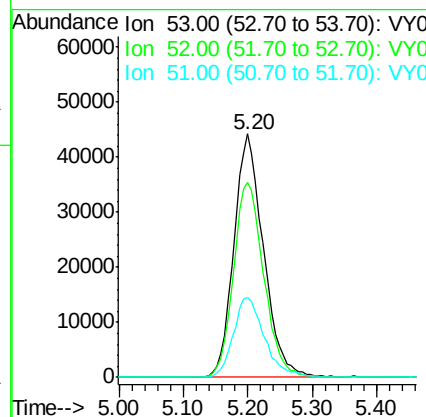
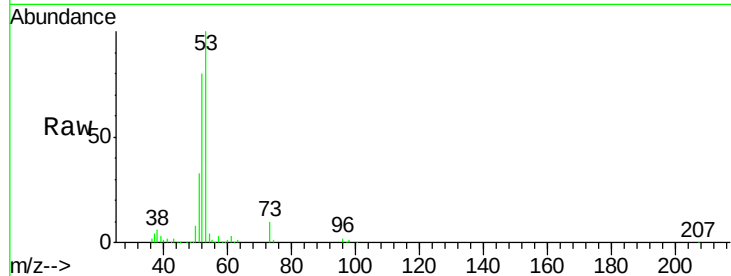
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	141740
Ion	Ratio	Lower	Upper
53	100		
52	81.8	65.1	97.7
51	34.8	27.5	41.3

Manual Integrations
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3/18/2020 11:13:12 AM



#16

Acetone

Concen: 115.497 ug/l

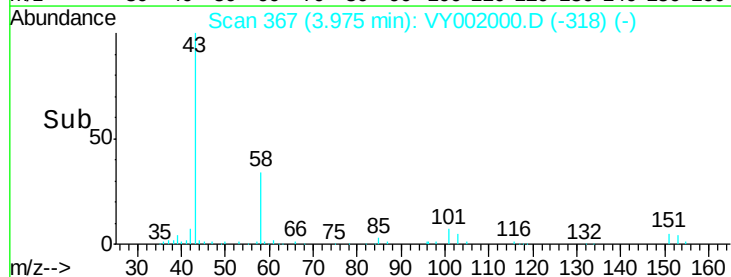
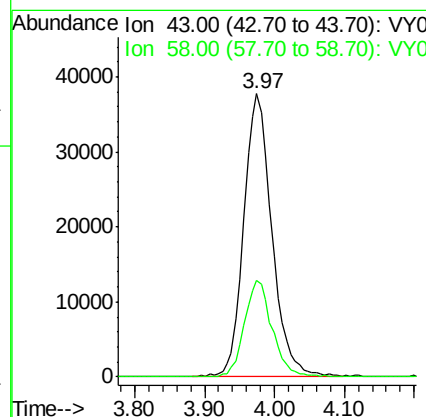
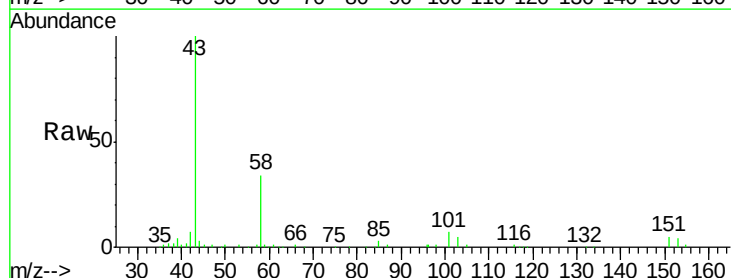
RT: 3.97 min Scan# 367

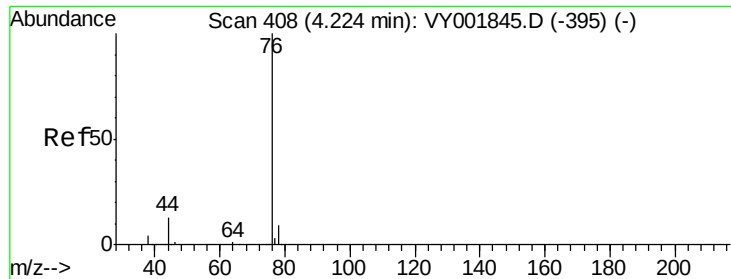
Delta R.T. 0.00 min

Lab File: VY002000.D

Acq: 17 Mar 2020 17:55

Tgt Ion:	43	Resp:	105476
Ion	Ratio	Lower	Upper
43	100		
58	34.0	25.9	38.9





#17

Carbon Disulfide

Concen: 23.181 ug/l

RT: 4.22 min Scan# 407

Delta R.T. -0.01 min

Lab File: VY002000.D

Acq: 17 Mar 2020 17:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 254459

Ion Ratio Lower Upper

76 100

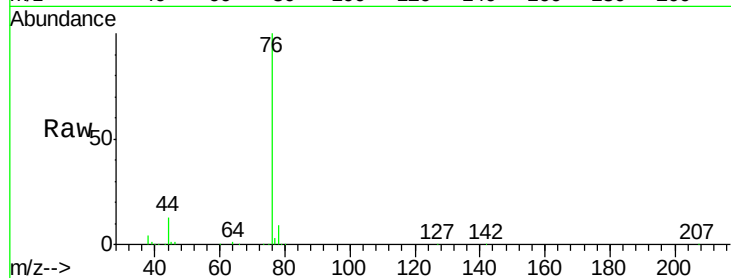
78 8.9 7.4 11.2

Manual Integrations

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MMDadoda

3/18/2020 11:13:12 AM



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

4.22

100000

80000

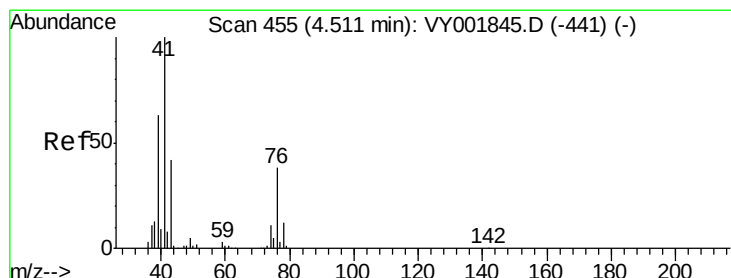
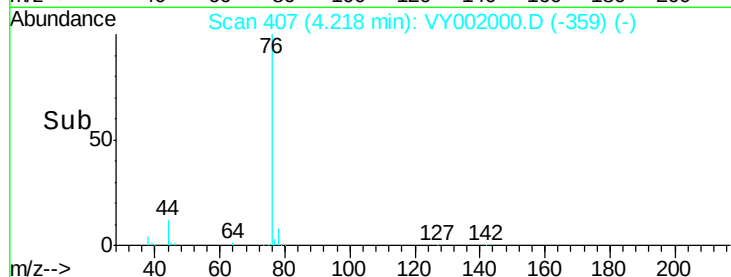
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 26.762 ug/l

RT: 4.50 min Scan# 454

Delta R.T. -0.01 min

Lab File: VY002000.D

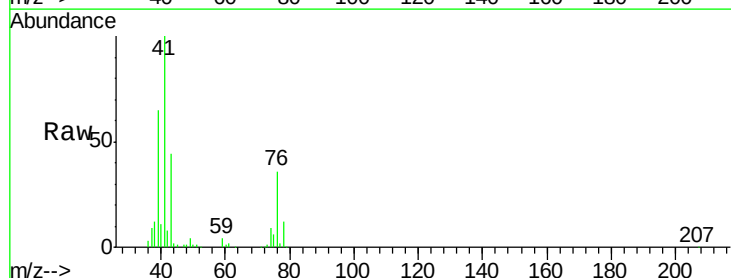
Acq: 17 Mar 2020 17:55

Tgt Ion: 43 Resp: 62797

Ion Ratio Lower Upper

43 100

74 23.0 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

4.50

25000

20000

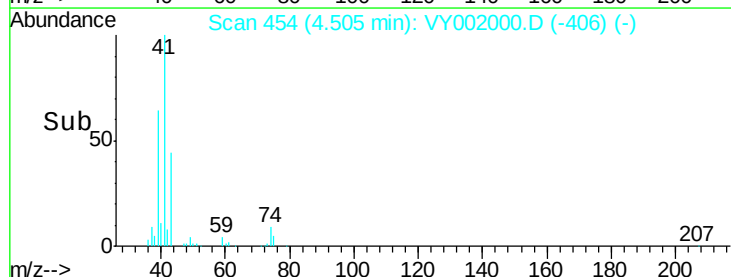
15000

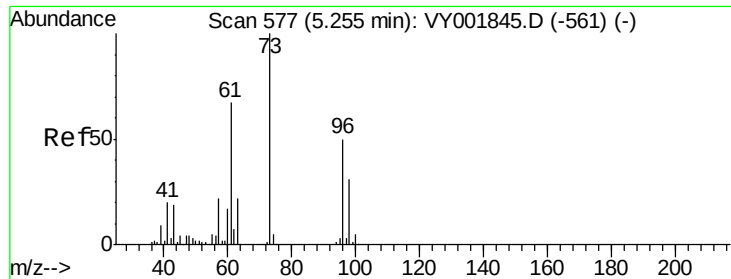
10000

5000

0

Time-->





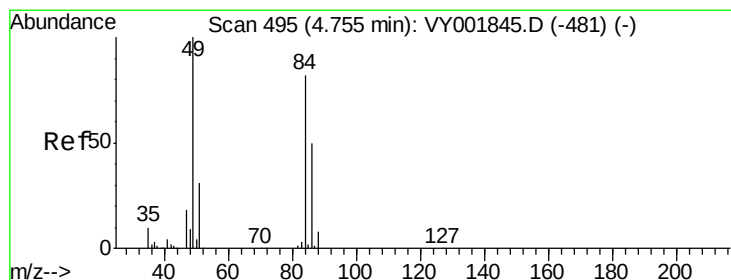
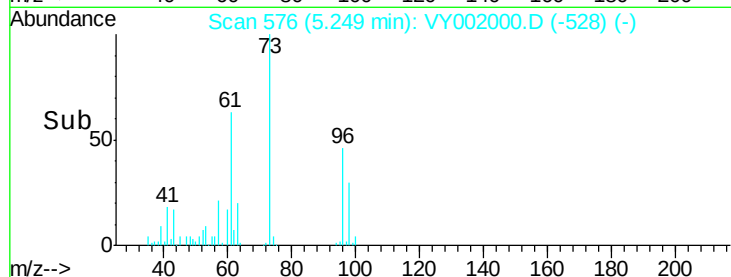
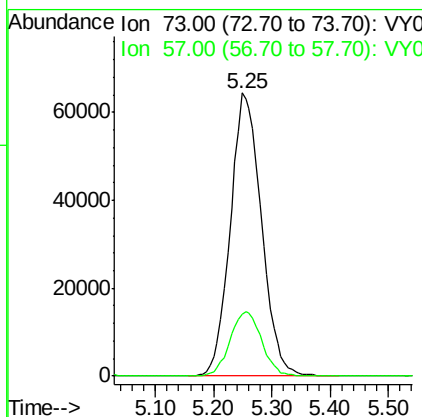
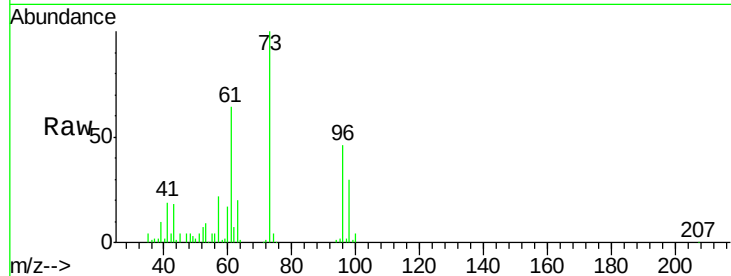
#19
Methyl tert-butyl Ether
Concen: 26.991 ug/l
RT: 5.25 min Scan# 576
Delta R.T. -0.01 min
Lab File: VY002000.D
Acq: 17 Mar 2020 17:55

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 238844
Ion Ratio Lower Upper
73 100
57 21.7 17.4 26.2

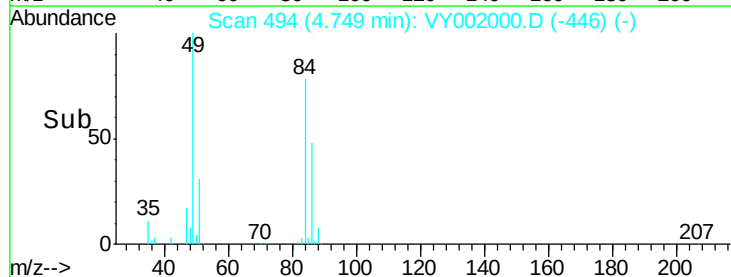
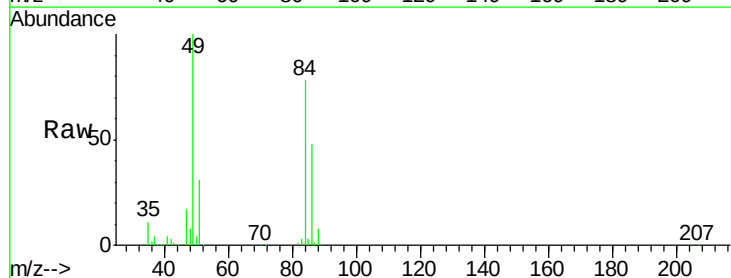
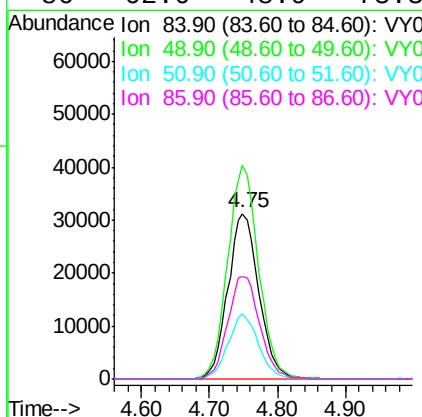
Manual Integrations
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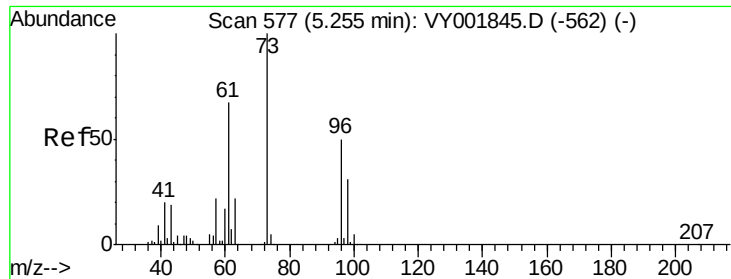
MMDadoda
3/18/2020 11:13:12 AM



#20
Methylene Chloride
Concen: 25.166 ug/l
RT: 4.75 min Scan# 494
Delta R.T. -0.01 min
Lab File: VY002000.D
Acq: 17 Mar 2020 17:55

Tgt Ion: 84 Resp: 98497
Ion Ratio Lower Upper
84 100
49 129.0 98.2 147.2
51 39.8 30.2 45.2
86 62.0 48.9 73.3





#21

trans-1,2-Dichloroethene

Concen: 25.724 ug/l

RT: 5.25 min Scan# 577

Delta R.T. 0.00 min

Lab File: VY002000.D

Acq: 17 Mar 2020 17:55

Instrument :

MSVOA_Y

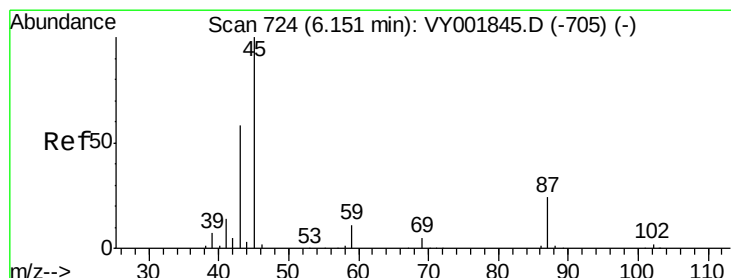
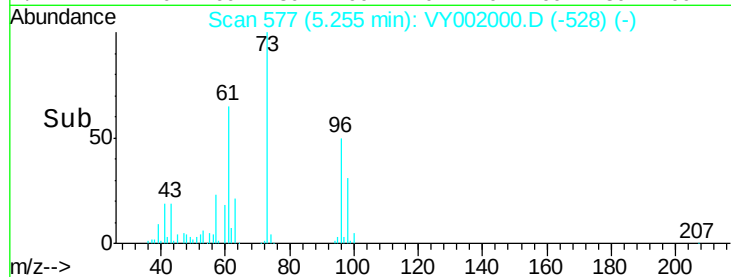
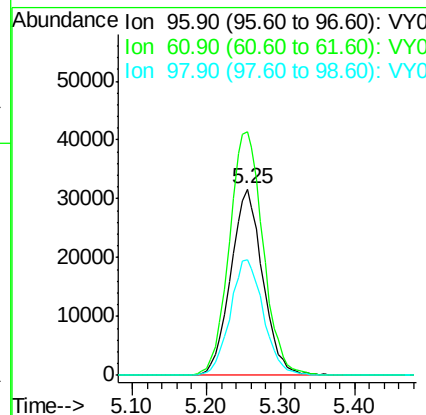
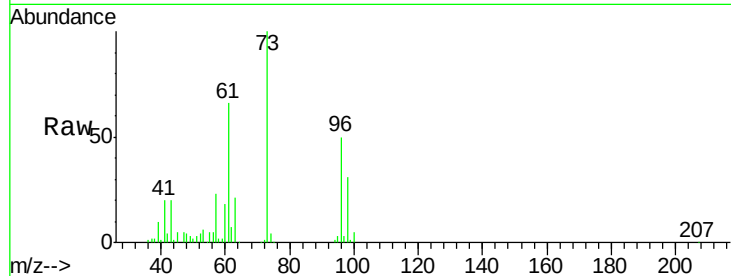
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	95344
Ion	Ratio	Lower	Upper
96	100		
61	130.8	107.7	161.5
98	62.3	49.3	73.9

Manual Integrations
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MMDadoda
3/18/2020 11:13:12 AM



#22

Diisopropyl ether

Concen: 27.309 ug/l

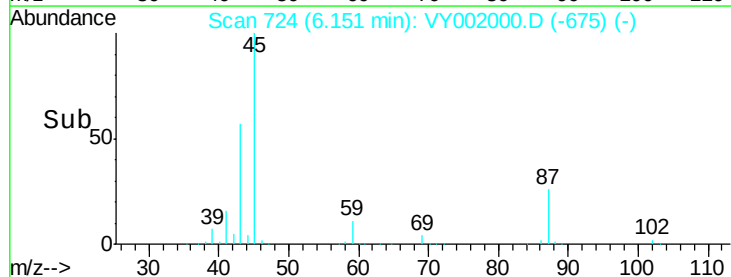
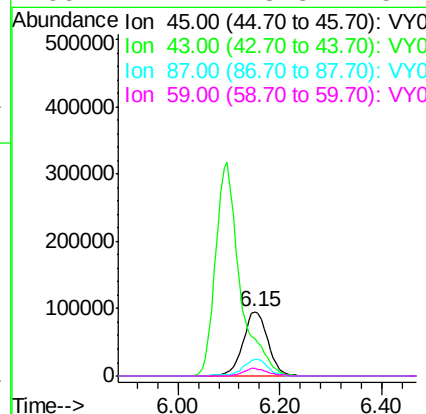
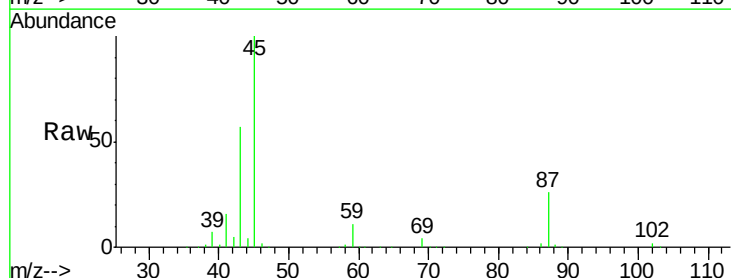
RT: 6.15 min Scan# 724

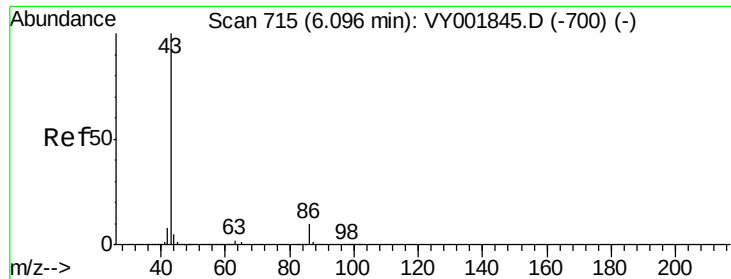
Delta R.T. 0.00 min

Lab File: VY002000.D

Acq: 17 Mar 2020 17:55

Tgt Ion:	45	Resp:	324065
Ion	Ratio	Lower	Upper
45	100		
43	56.6	47.2	70.8
87	26.3	19.8	29.8
59	11.2	8.8	13.2





#23

Vinyl Acetate

Concen: 135.779 ug/l

RT: 6.10 min Scan# 715

Delta R.T. 0.00 min

Lab File: VY002000.D

Acq: 17 Mar 2020 17:55

Tot Ion: 43 Resp: 1056264

Ion Ratio Lower Upper

43 100

86 10.2 7.8 11.8

Instrument :

MSVOA_Y

ClientSampleId :

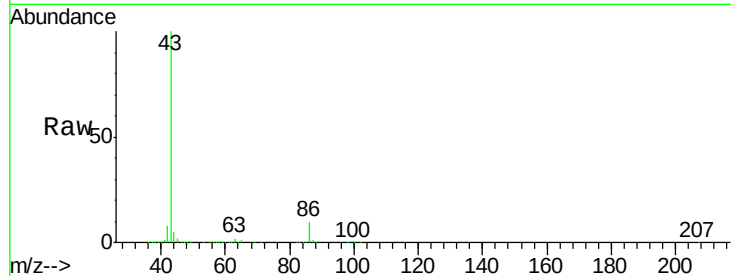
VSTDCCC050EC

Manual Integrations

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MMDadoda

3/18/2020 11:13:12 AM



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.10

300000

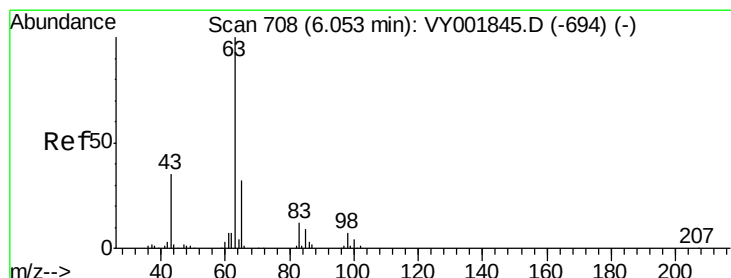
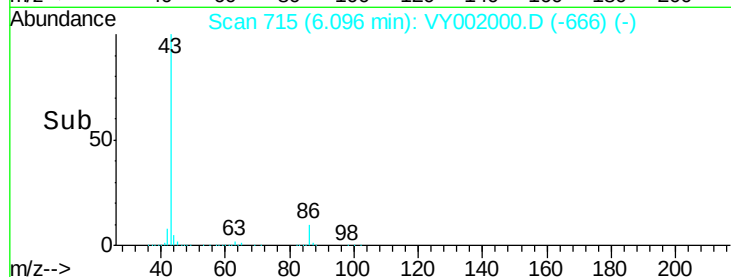
200000

100000

0

Time-->

6.00 6.20 6.40



#24

1,1-Dichloroethane

Concen: 26.635 ug/l

RT: 6.05 min Scan# 708

Delta R.T. 0.00 min

Lab File: VY002000.D

Acq: 17 Mar 2020 17:55

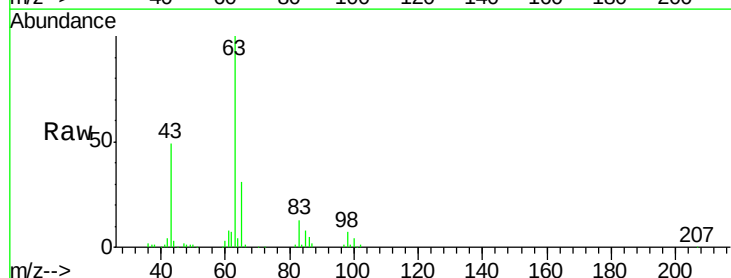
Tgt Ion: 63 Resp: 171158

Ion Ratio Lower Upper

63 100

98 7.1 3.4 10.2

100 4.2 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

6.05

60000

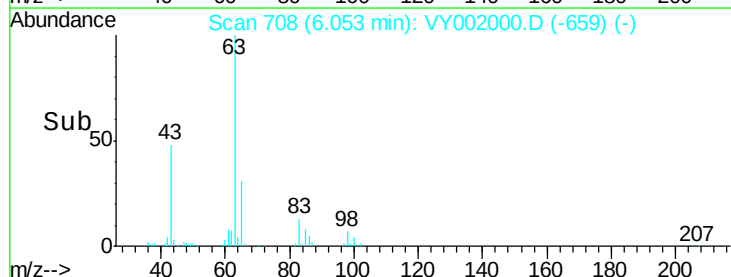
40000

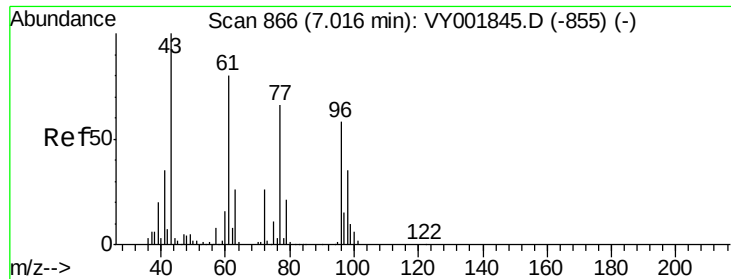
20000

0

Time-->

5.90 6.00 6.10 6.20





#25

2-Butanone

Concen: 128.655 ug/l

RT: 7.02 min Scan# 866

Delta R.T. 0.00 min

Lab File: VY002000.D

Acq: 17 Mar 2020 17:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 178675

Ion Ratio Lower Upper

43 100

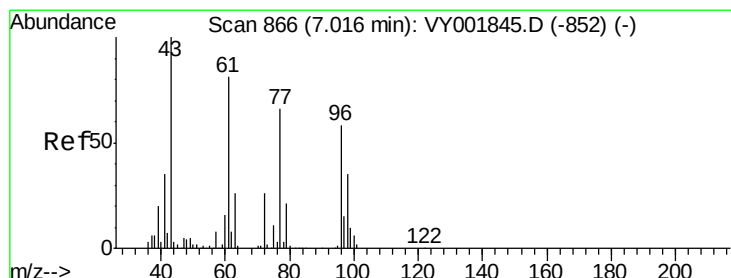
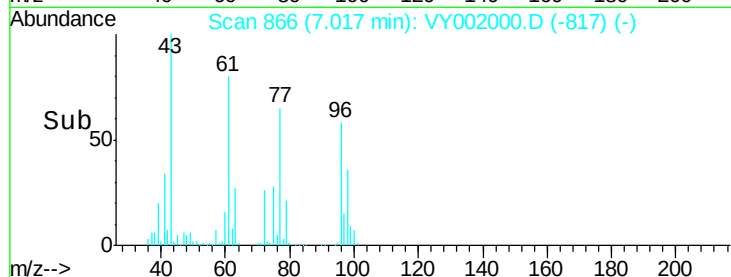
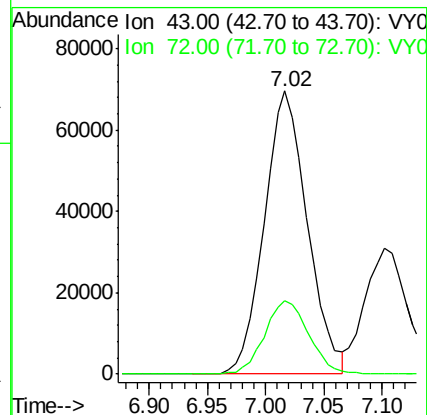
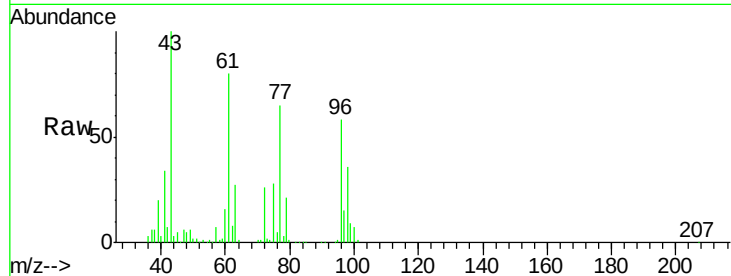
72 25.9 20.9 31.3

Manual Integrations

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MMDadoda

3/18/2020 11:13:12 AM



#26

2,2-Dichloropropane

Concen: 26.098 ug/l

RT: 7.01 min Scan# 865

Delta R.T. -0.01 min

Lab File: VY002000.D

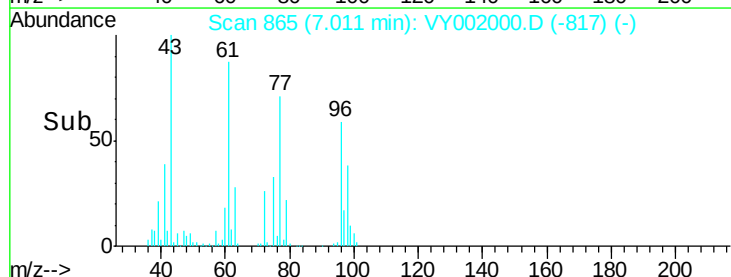
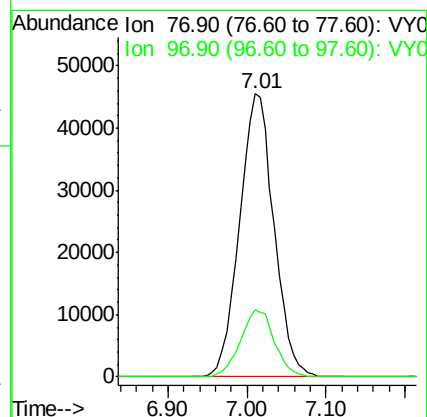
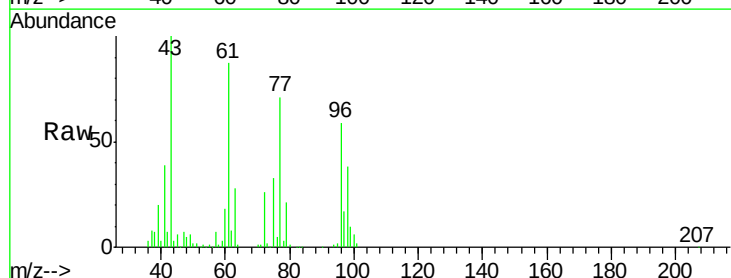
Acq: 17 Mar 2020 17:55

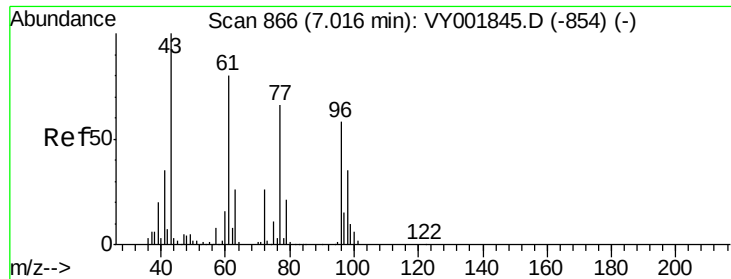
Tgt Ion: 77 Resp: 137649

Ion Ratio Lower Upper

77 100

97 23.5 11.9 35.7





#27

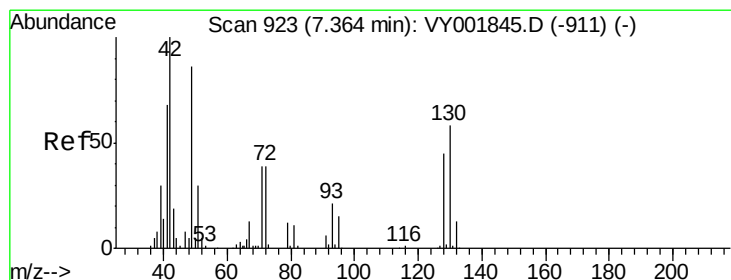
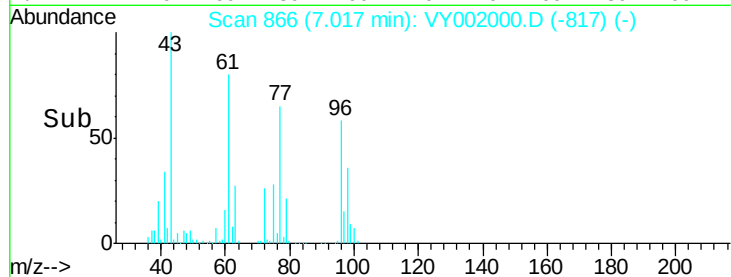
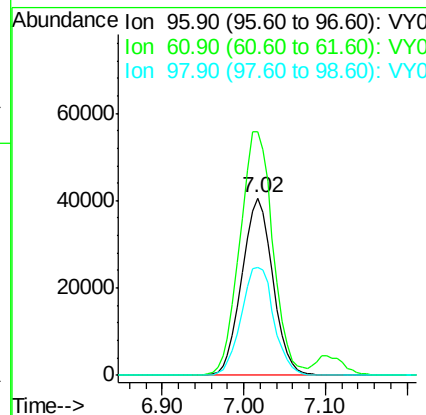
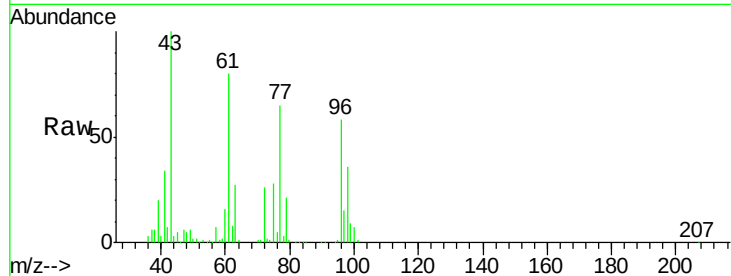
cis-1,2-Dichloroethene
 Concen: 26.578 ug/l
 RT: 7.02 min Scan# 866
 Delta R.T. 0.00 min
 Lab File: VY002000.D
 Acq: 17 Mar 2020 17:55

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	146.4	0.0	288.2	
98	64.1	0.0	129.0	

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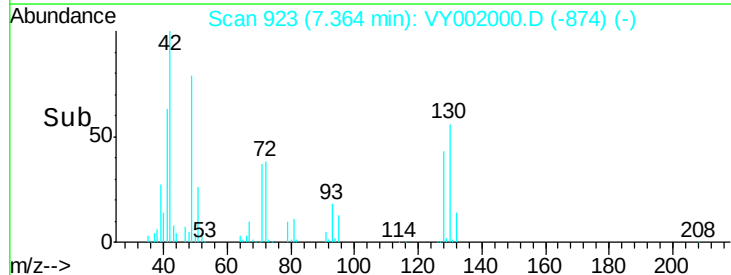
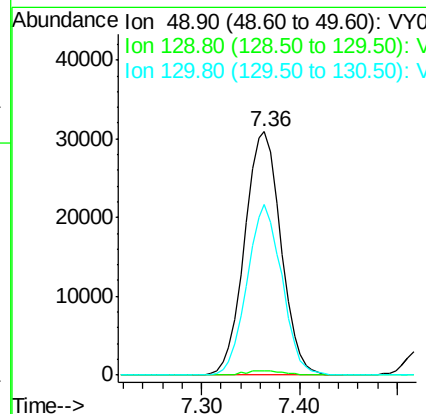
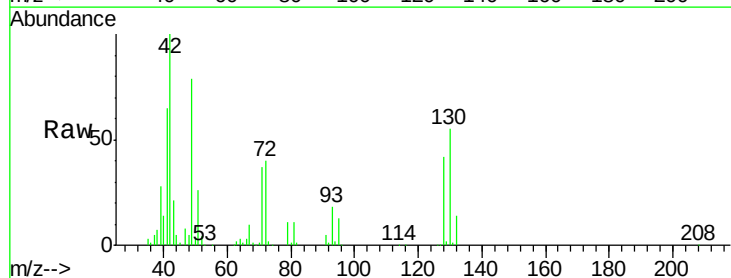
MMDadoda
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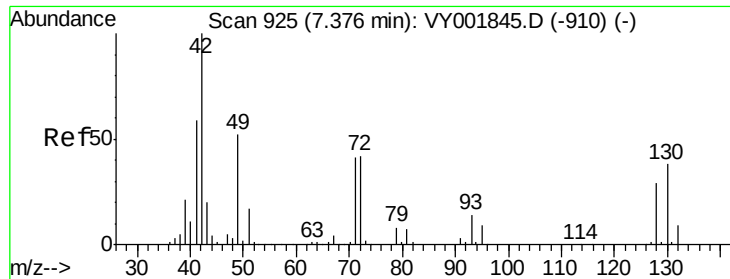


#28

Bromochloromethane
 Concen: 27.449 ug/l
 RT: 7.36 min Scan# 923
 Delta R.T. 0.00 min
 Lab File: VY002000.D
 Acq: 17 Mar 2020 17:55

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.8	0.0	3.8	
130	67.3	54.4	81.6	





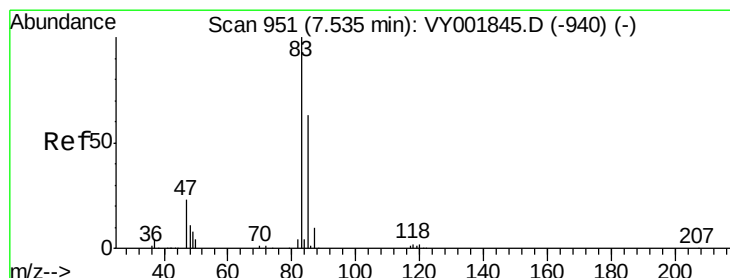
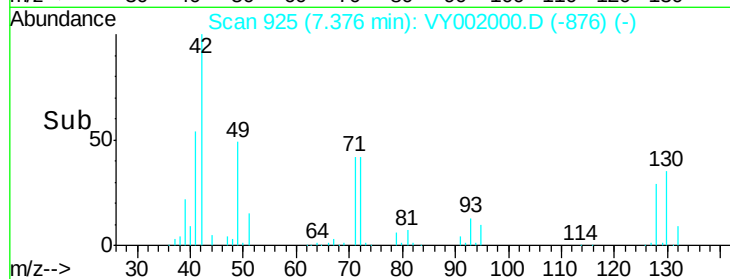
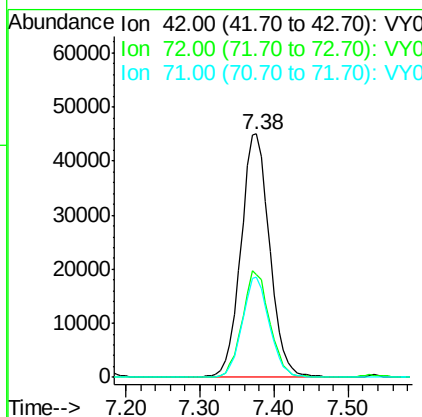
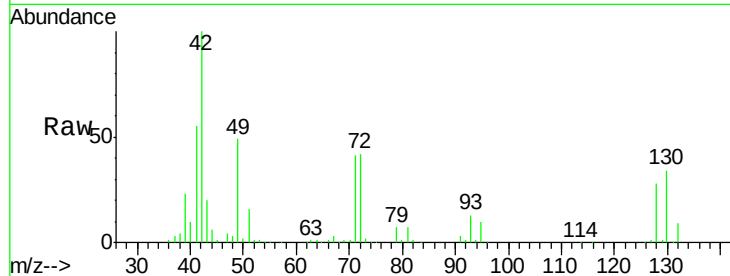
#29
Tetrahydrofuran
Concen: 132.510 ug/l
RT: 7.38 min Scan# 925
Delta R.T. 0.00 min
Lab File: VY002000.D
Acq: 17 Mar 2020 17:55

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.5	33.5	50.3
71	38.9	31.3	46.9

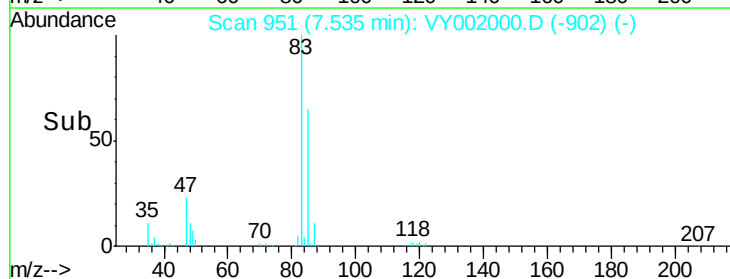
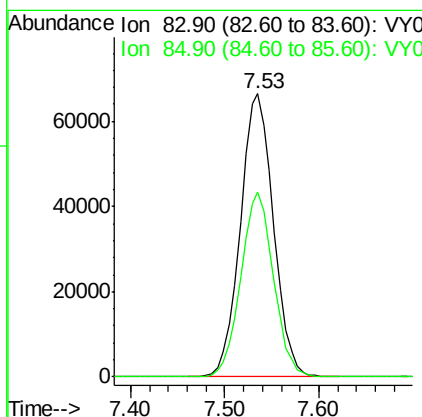
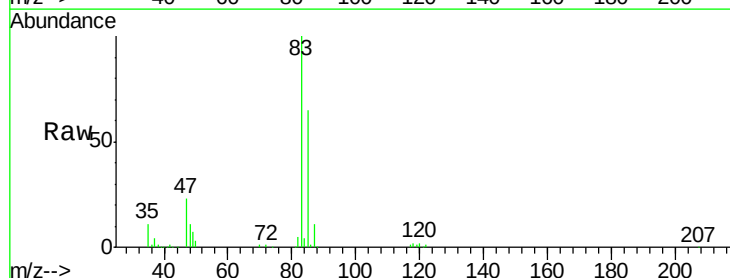
Manual Integrations
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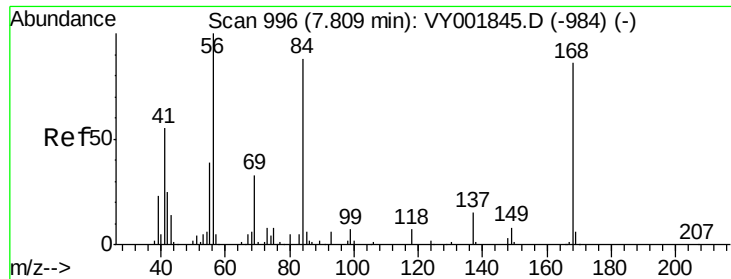
MMDadoda
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#30
Chloroform
Concen: 27.001 ug/l
RT: 7.53 min Scan# 951
Delta R.T. 0.00 min
Lab File: VY002000.D
Acq: 17 Mar 2020 17:55

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.4	50.7	76.1





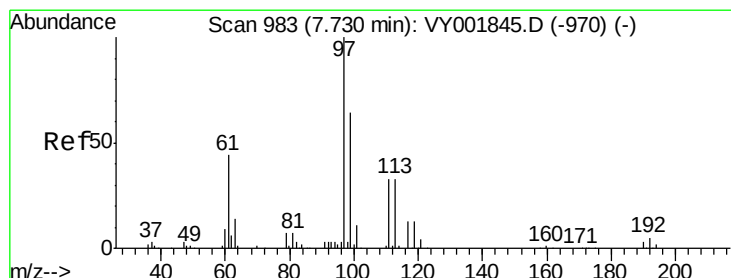
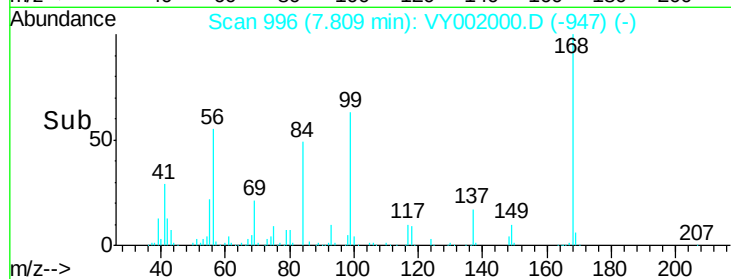
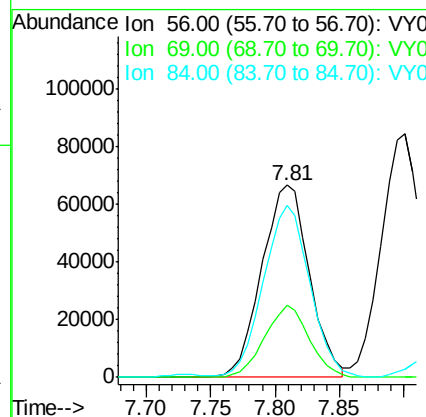
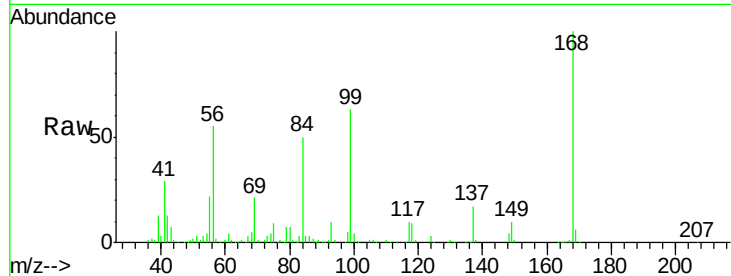
#31
Cyclohexane
Concen: 24.700 ug/l
RT: 7.81 min Scan# 996
Delta R.T. 0.00 min
Lab File: VY002000.D
Acq: 17 Mar 2020 17:55

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	37.2	26.7	40.1
84	88.0	70.4	105.6

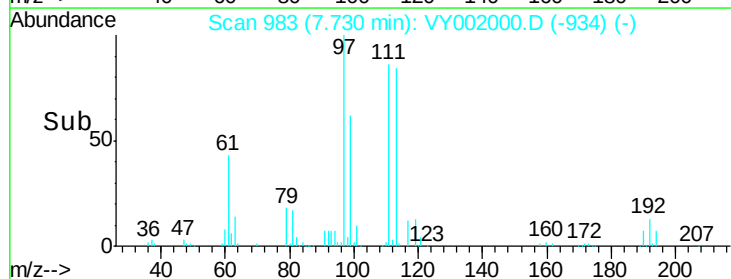
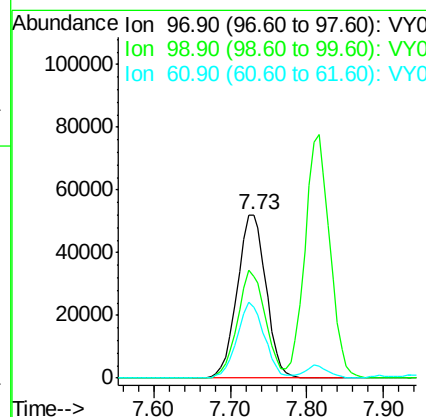
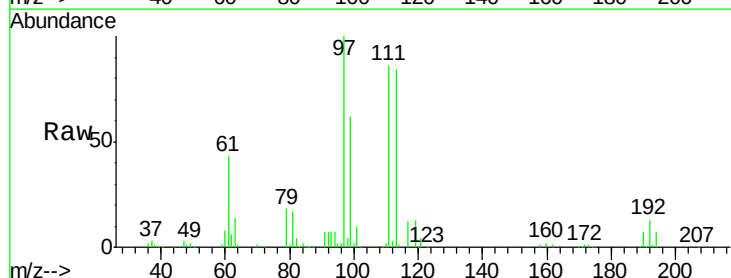
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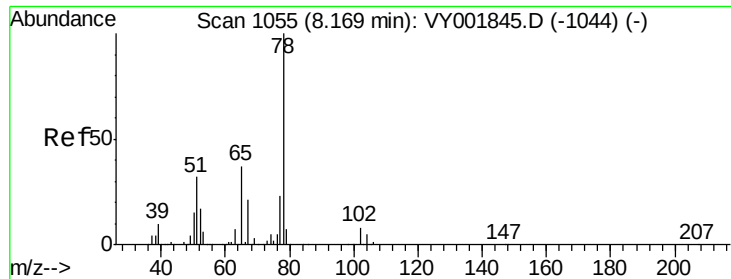
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#32
1,1,1-Trichloroethane
Concen: 26.661 ug/l
RT: 7.73 min Scan# 983
Delta R.T. 0.00 min
Lab File: VY002000.D
Acq: 17 Mar 2020 17:55

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	52.0	78.0
61	44.2	35.0	52.4





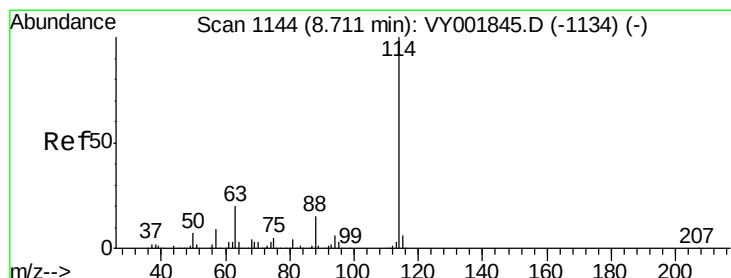
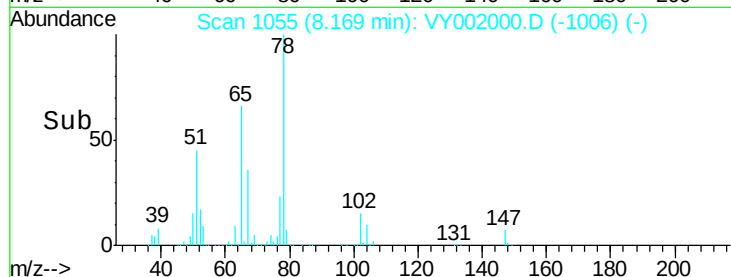
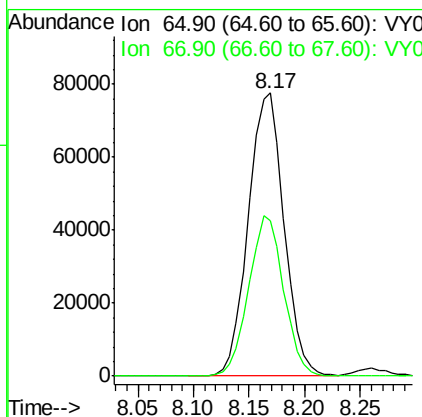
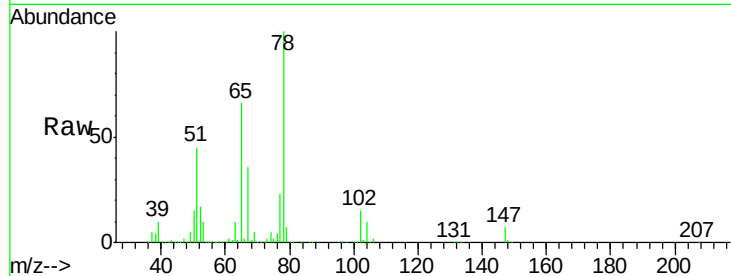
#33
 1,2-Dichloroethane-d4
 Concen: 55.494 ug/l
 RT: 8.17 min Scan# 1055
 Delta R.T. 0.00 min
 Lab File: VY002000.D
 Acq: 17 Mar 2020 17:55

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	174001		
67	55.5	0.0	110.8	

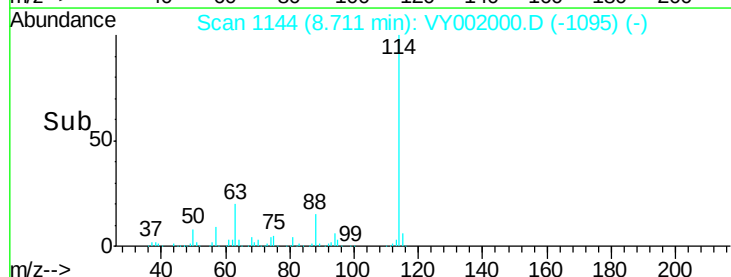
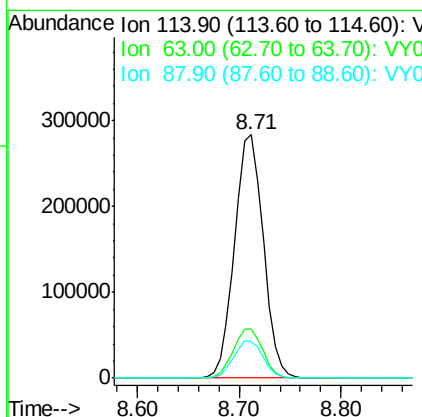
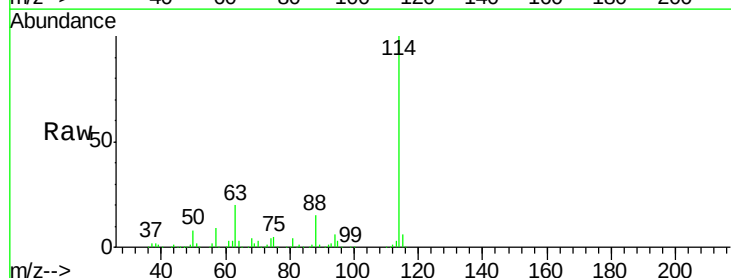
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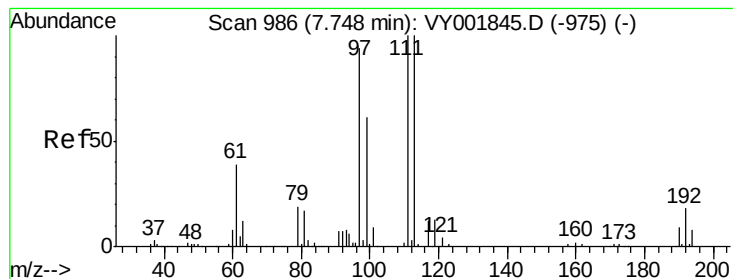
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.00 min
 Lab File: VY002000.D
 Acq: 17 Mar 2020 17:55

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	553821		
63	20.3	0.0	39.4	
88	15.0	0.0	30.4	





#35

Dibromofluoromethane

Concen: 52.720 ug/l

RT: 7.74 min Scan# 985

Delta R.T. -0.01 min

Lab File: VY002000.D

Acq: 17 Mar 2020 17:55

Instrument :

MSVOA_Y

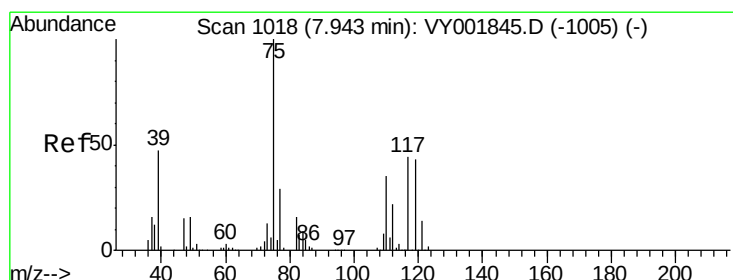
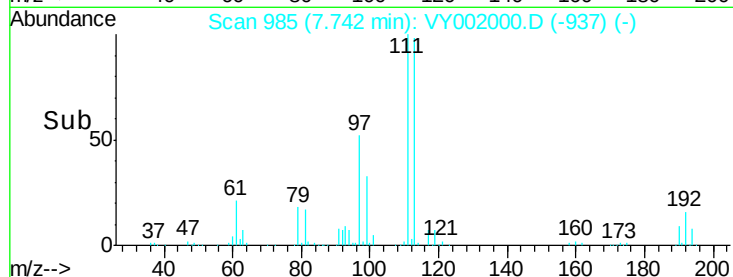
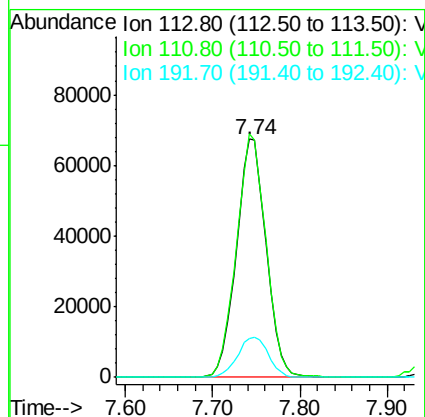
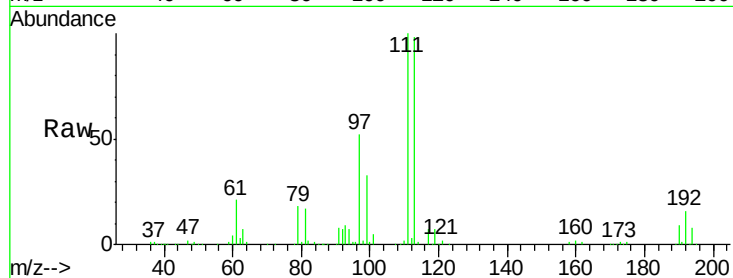
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	159430
Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.8	122.8
192	17.6	14.2	21.2

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#36

1,1-Dichloropropene

Concen: 24.855 ug/l

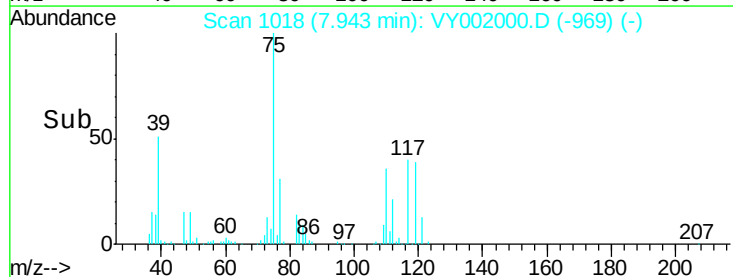
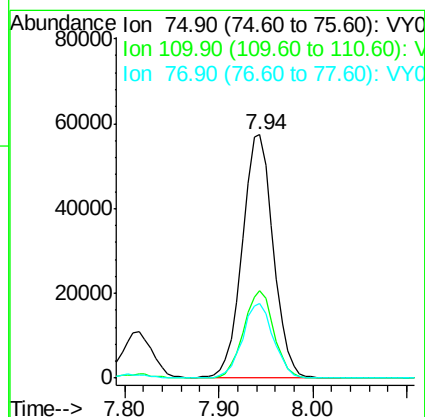
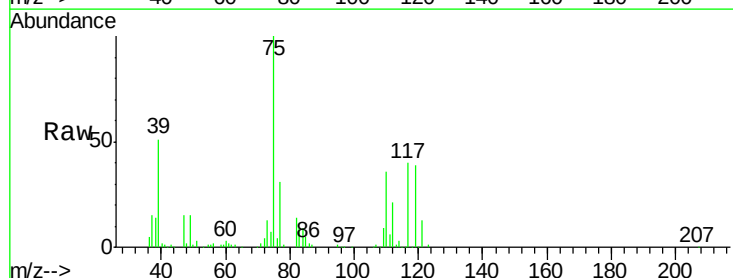
RT: 7.94 min Scan# 1018

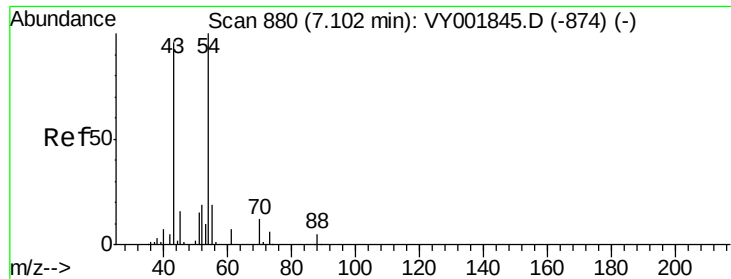
Delta R.T. 0.00 min

Lab File: VY002000.D

Acq: 17 Mar 2020 17:55

Tgt Ion:	75	Resp:	132464
Ion	Ratio	Lower	Upper
75	100		
110	34.9	17.4	52.2
77	30.9	24.2	36.2





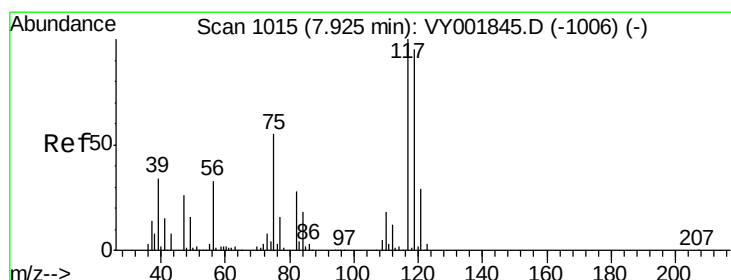
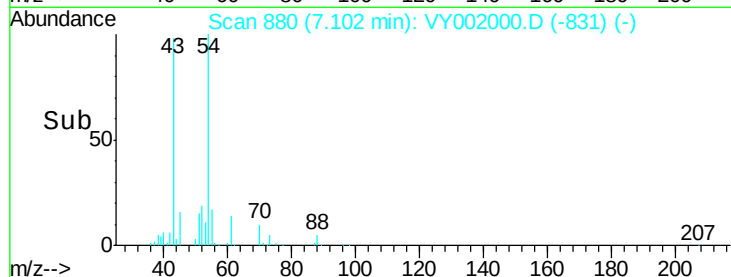
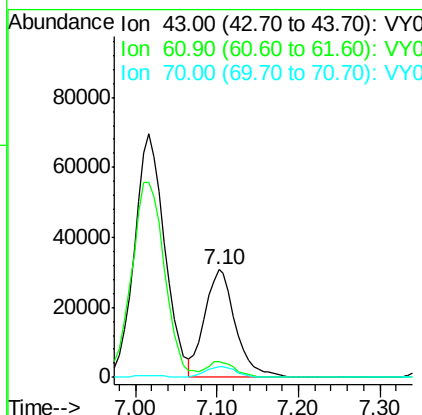
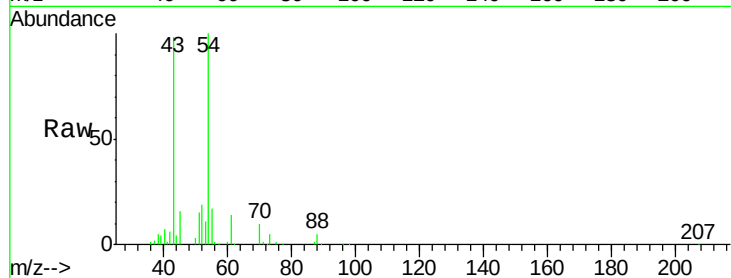
#37
Ethyl Acetate
Concen: 26.185 ug/l
RT: 7.10 min Scan# 880
Delta R.T. 0.00 min
Lab File: VY002000.D
Acq: 17 Mar 2020 17:55

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.3	11.1	16.7
70	10.2	8.2	12.4

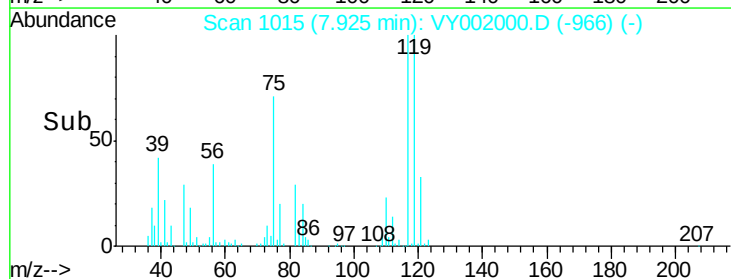
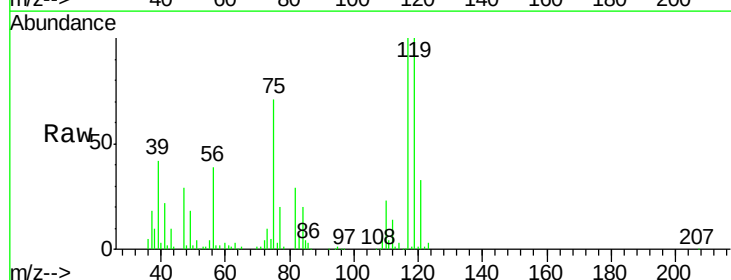
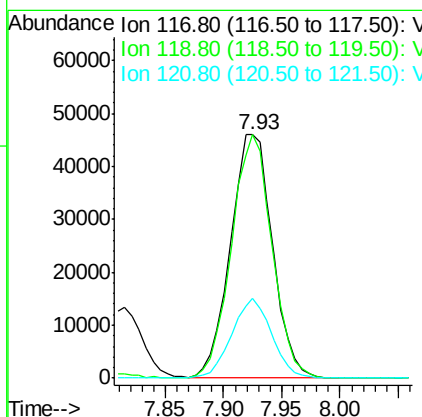
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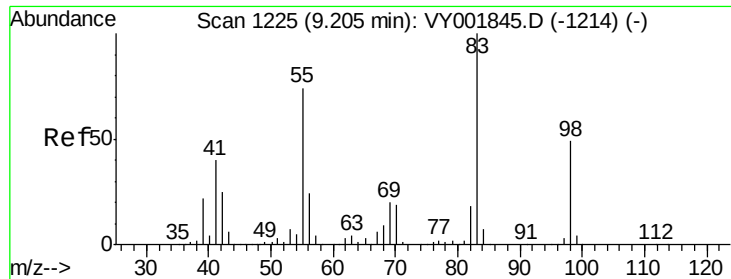
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#38
Carbon Tetrachloride
Concen: 25.441 ug/l
RT: 7.93 min Scan# 1015
Delta R.T. 0.00 min
Lab File: VY002000.D
Acq: 17 Mar 2020 17:55

Tgt Ion	Ratio	Lower	Upper
117	100		
119	100.1	76.3	114.5
121	32.5	23.5	35.3





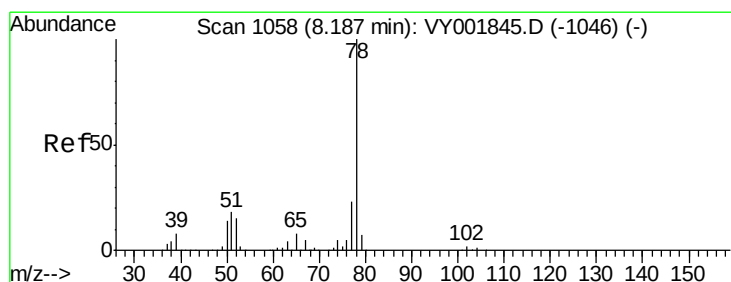
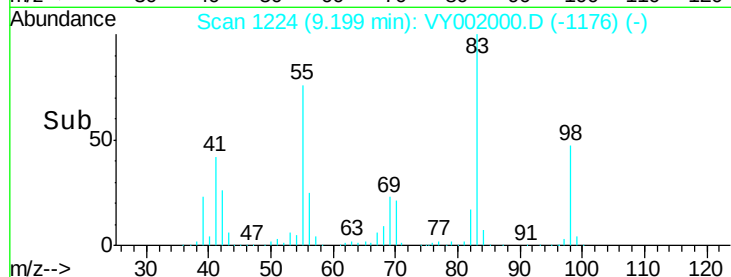
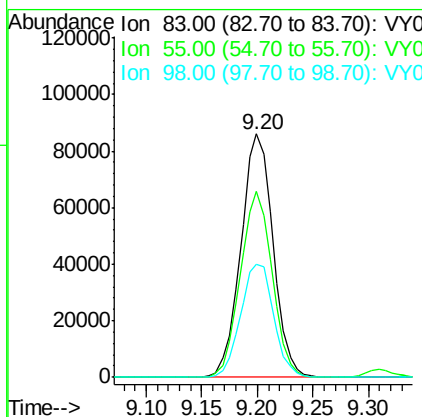
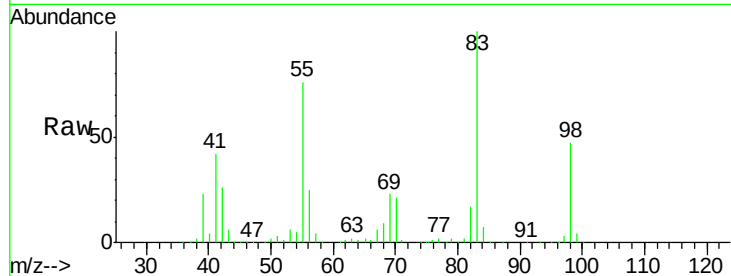
#39
Methylvlcyclohexane
Concen: 24.477 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. -0.01 min
Lab File: VY002000.D
Acq: 17 Mar 2020 17:55

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	83	Resp	173018
Ion Ratio	Lower	Upper	
83	100		
55	76.2	59.4	89.0
98	46.5	38.9	58.3

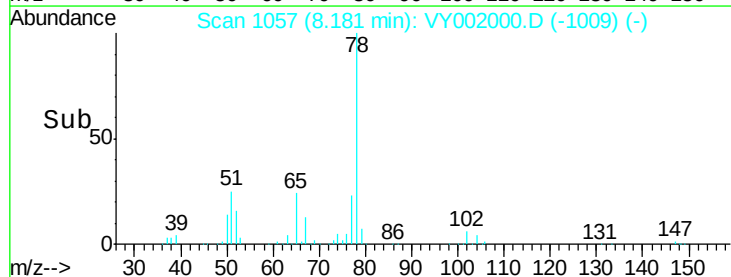
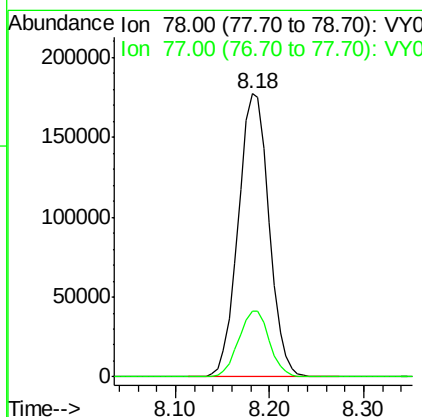
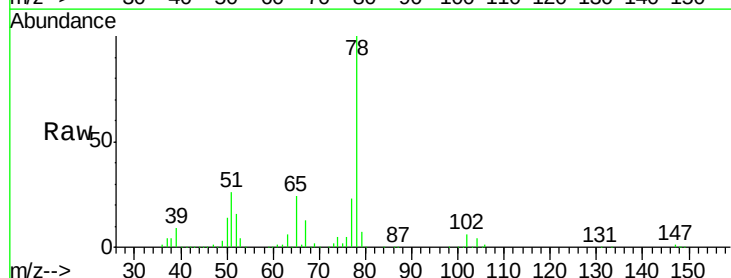
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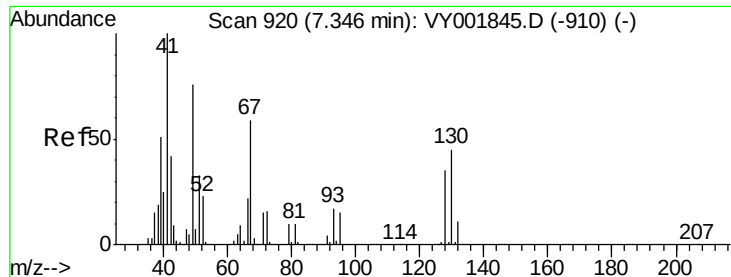
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#40
Benzene
Concen: 25.627 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. -0.01 min
Lab File: VY002000.D
Acq: 17 Mar 2020 17:55

Tgt Ion	78	Resp	404812
Ion Ratio	Lower	Upper	
78	100		
77	23.4	18.7	28.1





#41

Methacrylonitrile

Concen: 33.361 ug/l m

RT: 7.35 min Scan# 920

Delta R.T. 0.00 min

Lab File: VY002000.D

Acq: 17 Mar 2020 17:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 46505

Ion Ratio Lower Upper

41 100

39 0.0 111.7 167.5#

67 0.0 0.0 0.0

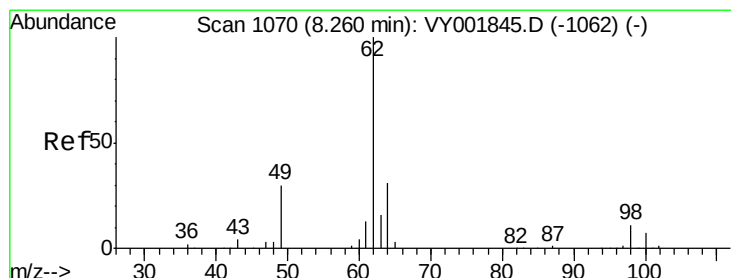
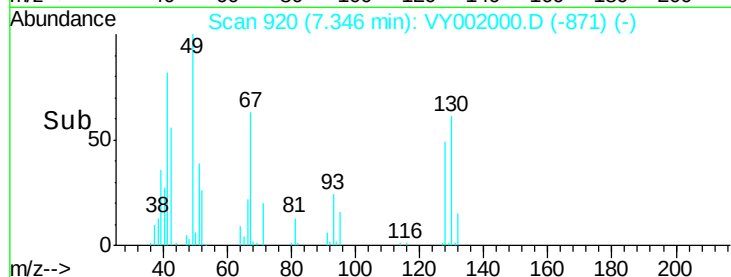
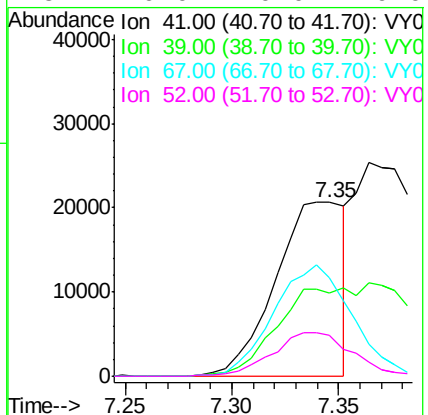
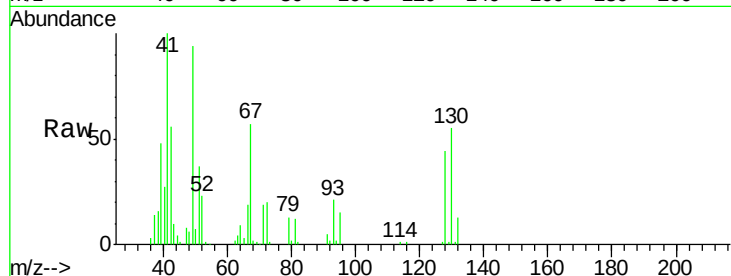
52 0.0 0.0 0.0

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#42

1,2-Dichloroethane

Concen: 26.334 ug/l

RT: 8.26 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VY002000.D

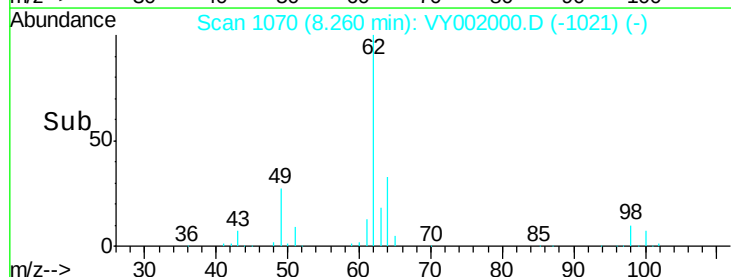
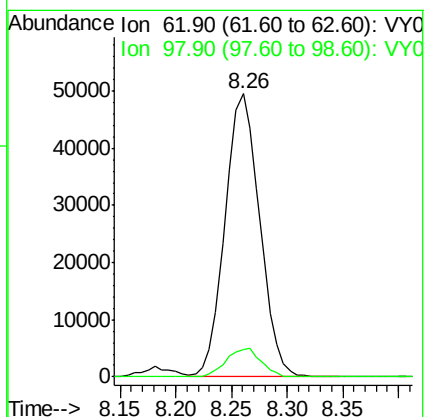
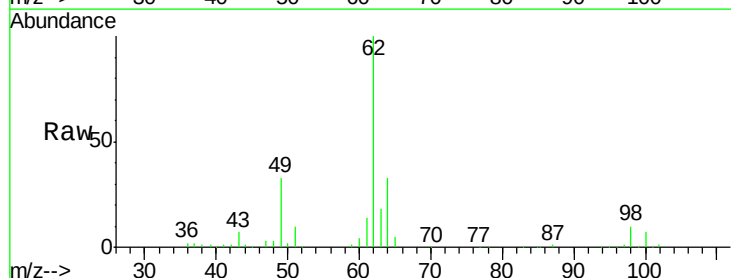
Acq: 17 Mar 2020 17:55

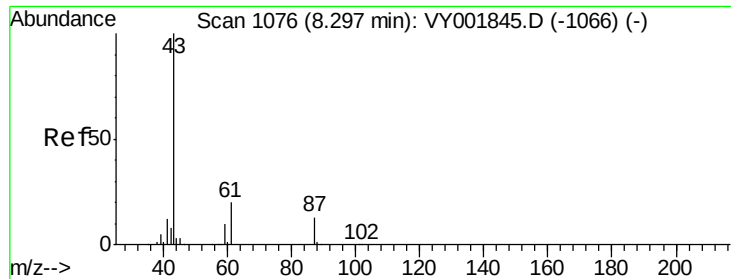
Tgt Ion: 62 Resp: 107191

Ion Ratio Lower Upper

62 100

98 10.3 0.0 21.4





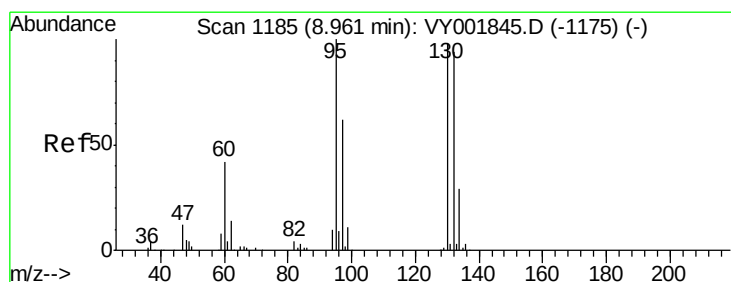
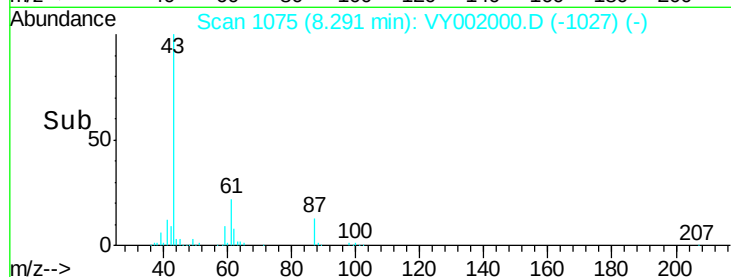
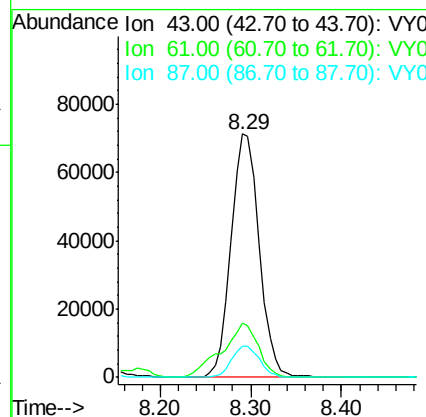
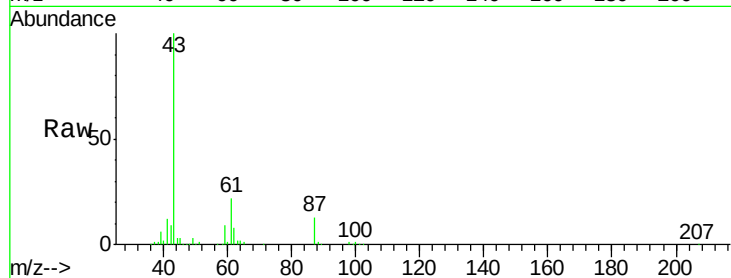
#43
Isopropyl Acetate
Concen: 26.201 ug/l
RT: 8.29 min Scan# 1075
Delta R.T. -0.01 min
Lab File: VY002000.D
Acq: 17 Mar 2020 17:55

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	28.9	23.8	35.6
87	12.8	10.9	16.3

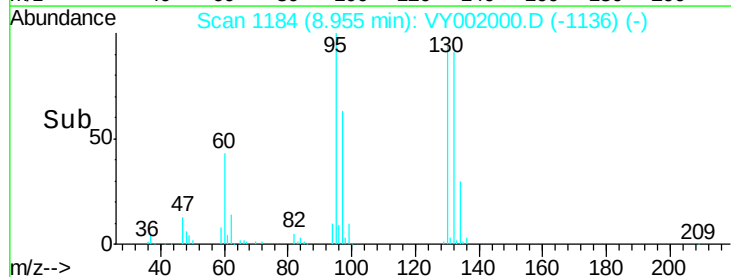
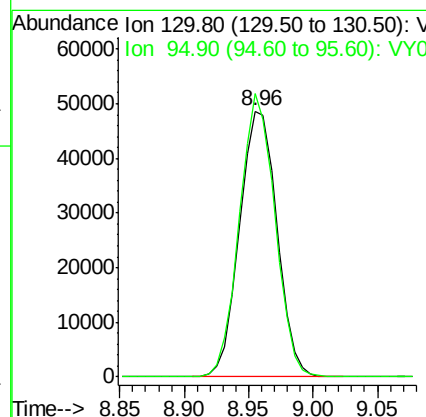
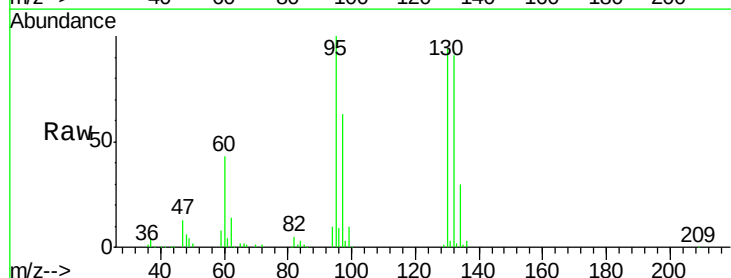
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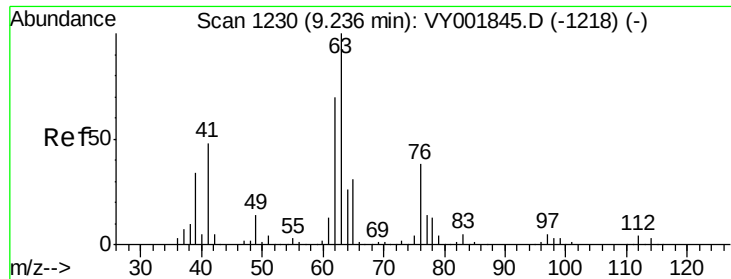
MMDadoda
3/18/2020 11:13:12 AM



#44
Trichloroethene
Concen: 25.461 ug/l
RT: 8.96 min Scan# 1184
Delta R.T. -0.01 min
Lab File: VY002000.D
Acq: 17 Mar 2020 17:55

Tgt Ion	Ratio	Lower	Upper
130	100		
95	106.5	0.0	204.6





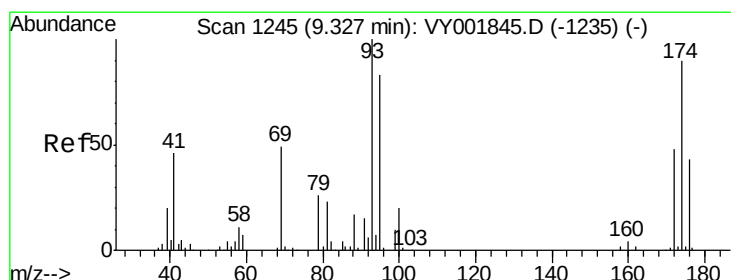
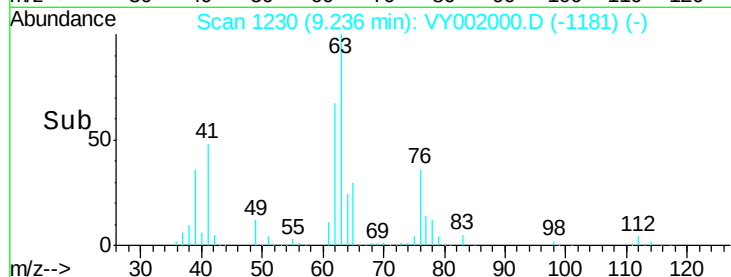
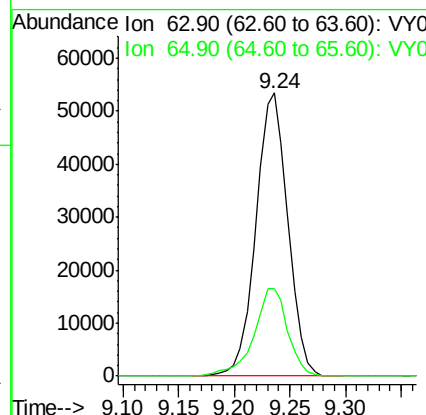
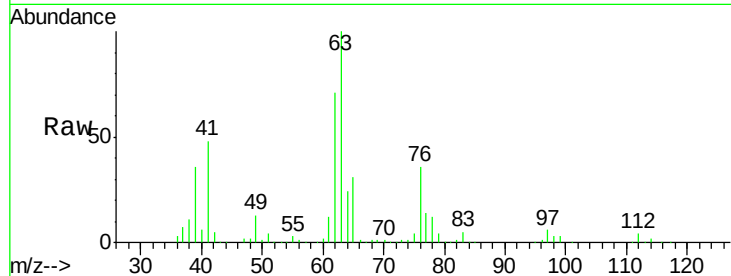
#45
 1,2-Dichloropropane
 Concen: 26.843 ug/l
 RT: 9.24 min Scan# 1230
 Delta R.T. 0.00 min
 Lab File: VY002000.D
 Acq: 17 Mar 2020 17:55

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 106593
 Ion Ratio Lower Upper
 63 100
 65 31.0 24.9 37.3

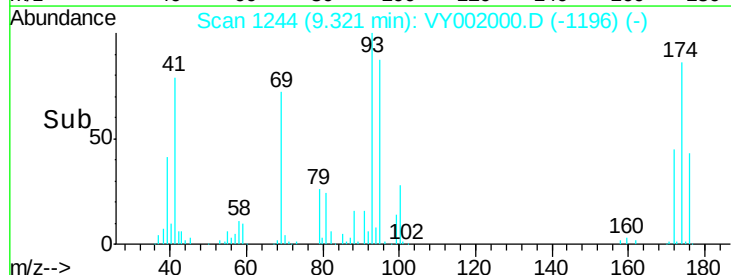
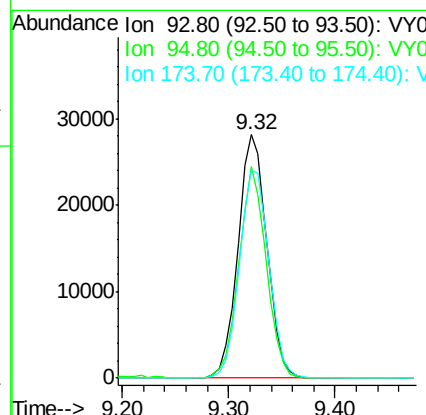
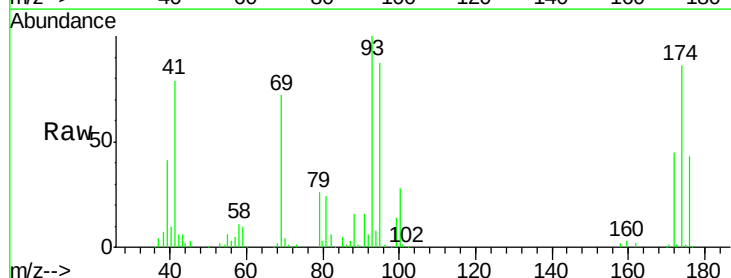
Manual Integrations
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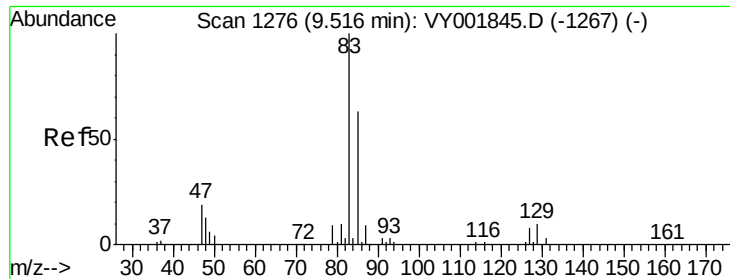
MMDadoda
 3/18/2020 11:13:12 AM



#46
 Dibromomethane
 Concen: 26.220 ug/l
 RT: 9.32 min Scan# 1244
 Delta R.T. -0.01 min
 Lab File: VY002000.D
 Acq: 17 Mar 2020 17:55

Tgt Ion: 93 Resp: 53655
 Ion Ratio Lower Upper
 93 100
 95 82.1 67.0 100.4
 174 87.3 71.8 107.8





#47

Bromodichloromethane

Concen: 26.788 ug/l

RT: 9.51 min Scan# 1275

Delta R.T. -0.01 min

Lab File: VY002000.D

Acq: 17 Mar 2020 17:55

Instrument :

MSVOA_Y

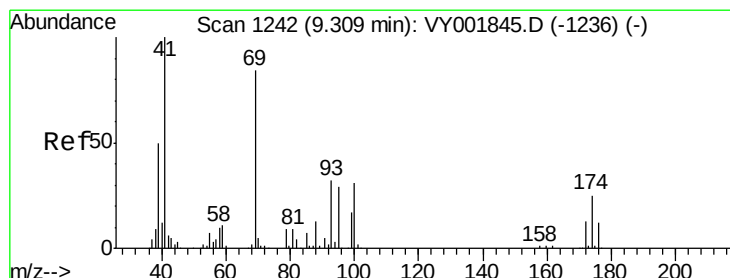
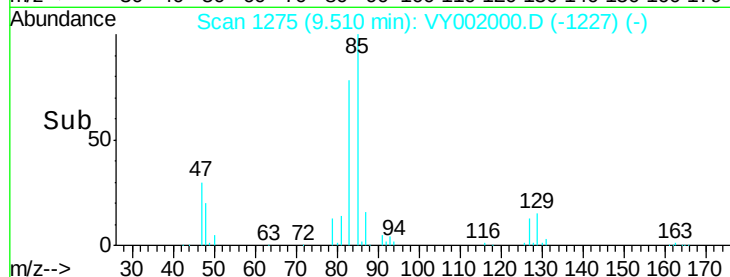
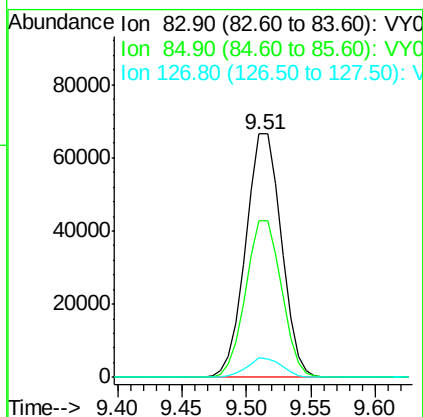
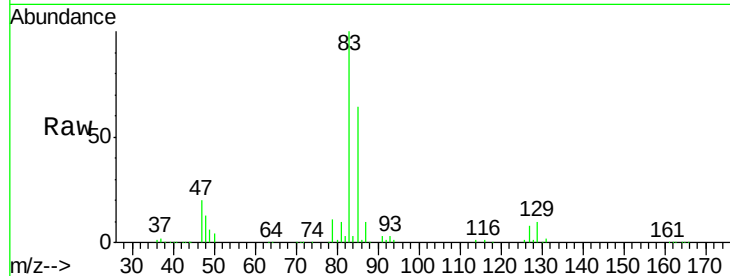
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	127517
Ion Ratio	Lower	Upper	
83	100		
85	64.1	50.6	76.0
127	8.2	6.2	9.4

Manual Integrations
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MMDadoda
3/18/2020 11:13:12 AM



#48

Methyl methacrylate

Concen: 27.121 ug/l

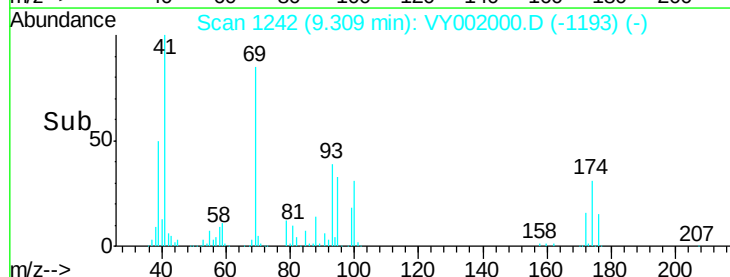
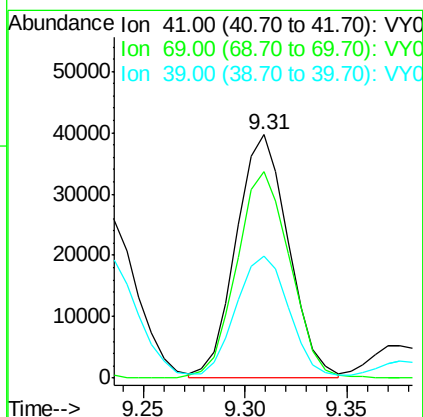
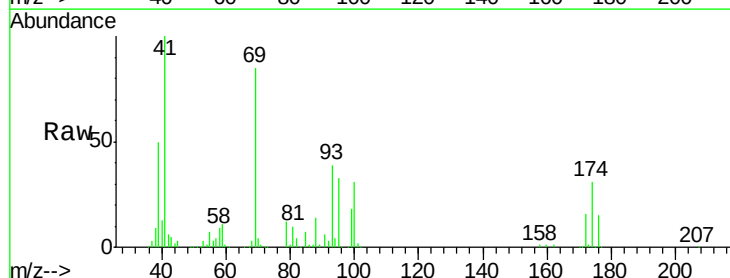
RT: 9.31 min Scan# 1242

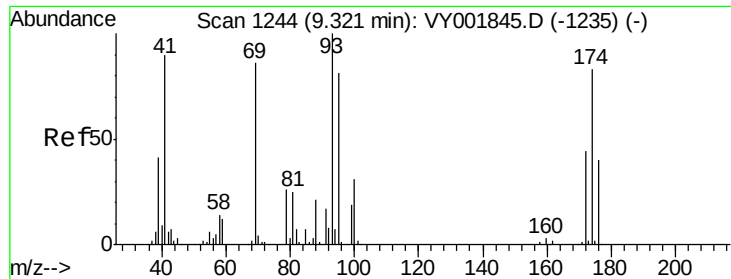
Delta R.T. 0.00 min

Lab File: VY002000.D

Acq: 17 Mar 2020 17:55

Tgt Ion:	41	Resp:	70574
Ion Ratio	Lower	Upper	
41	100		
69	85.8	69.0	103.6
39	48.9	39.1	58.7





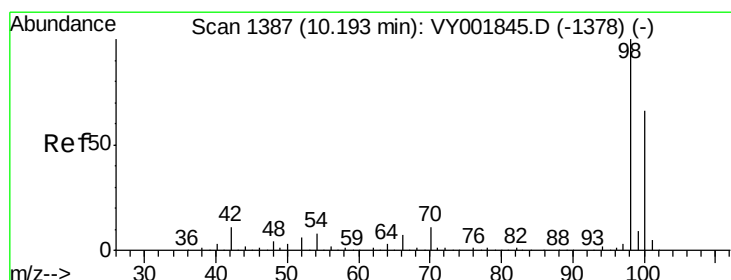
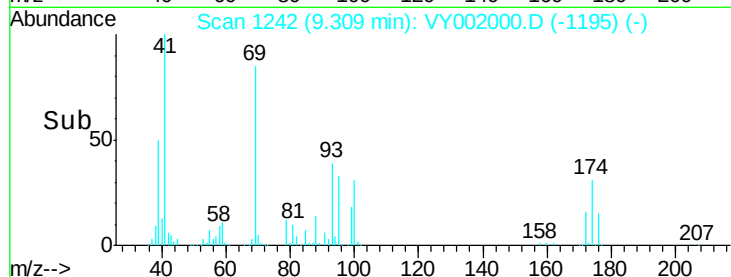
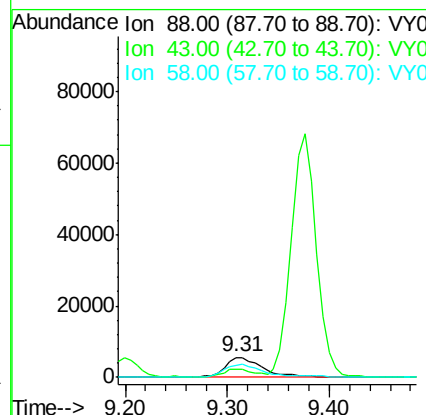
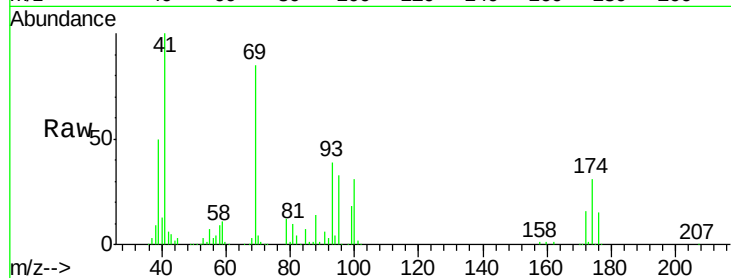
#49
1,4-Dioxane
Concen: 512.023 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. -0.01 min
Lab File: VY002000.D
Acq: 17 Mar 2020 17:55

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.5	25.0	37.6
58	72.9	58.9	88.3

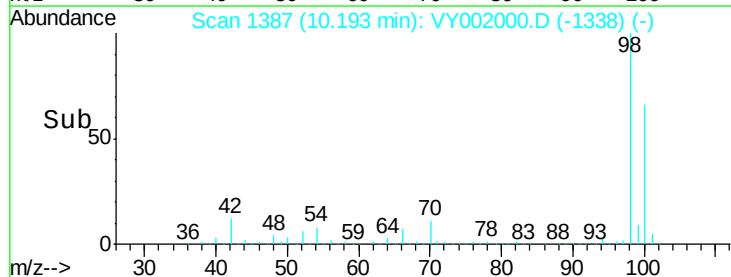
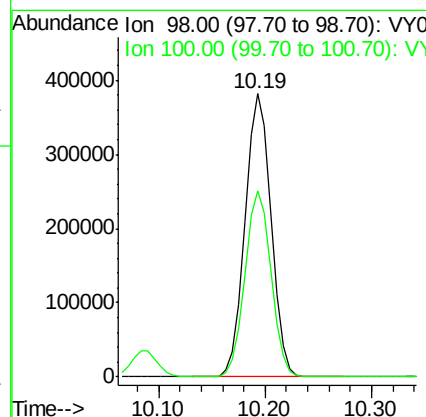
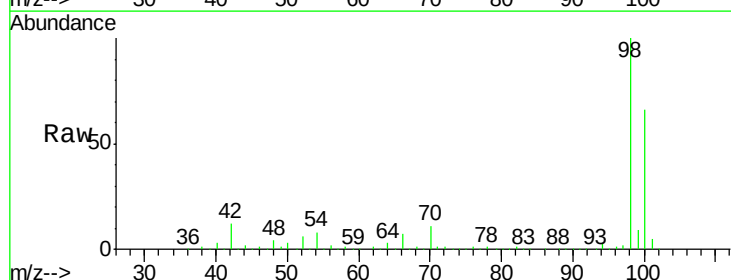
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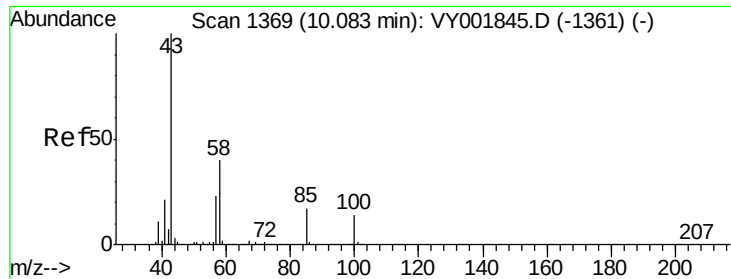
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3/18/2020 11:13:12 AM



#50
Toluene-d8
Concen: 51.449 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.00 min
Lab File: VY002000.D
Acq: 17 Mar 2020 17:55

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.7	53.0	79.4





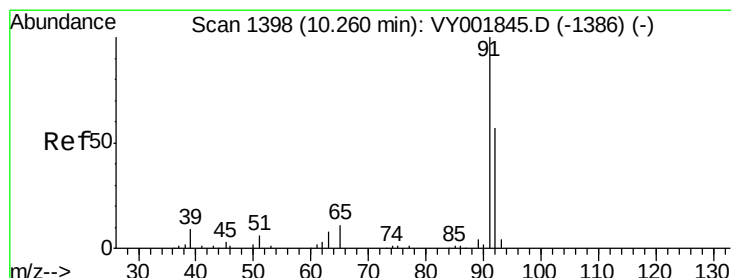
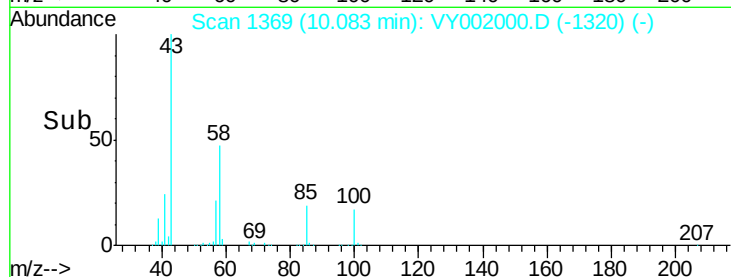
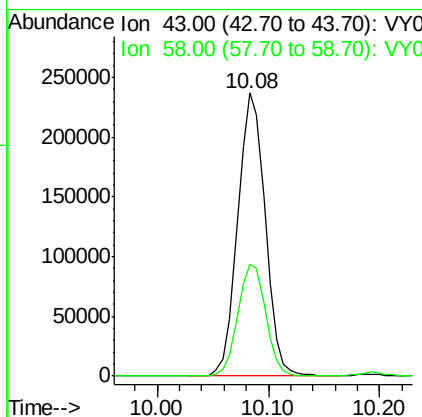
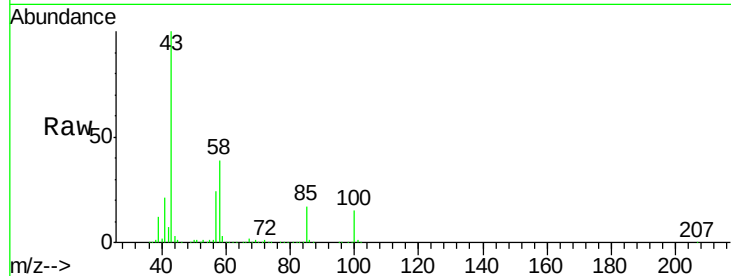
#51
4-Methyl-2-Pentanone
Concen: 133.625 ug/l
RT: 10.08 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VY002000.D
Acq: 17 Mar 2020 17:55

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 403626
Ion Ratio Lower Upper
43 100
58 40.2 32.0 48.0

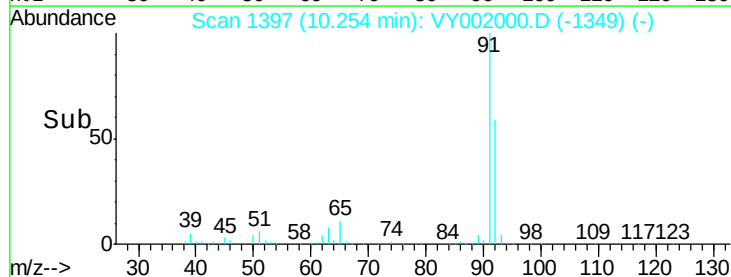
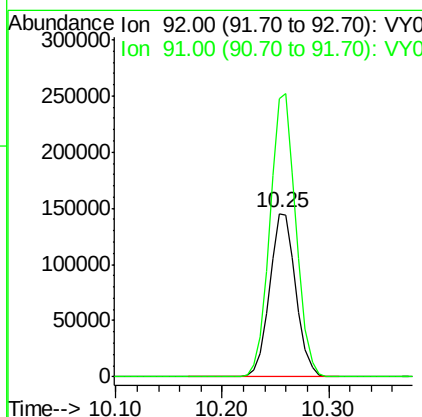
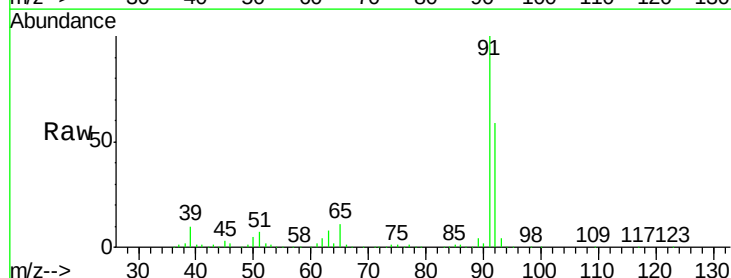
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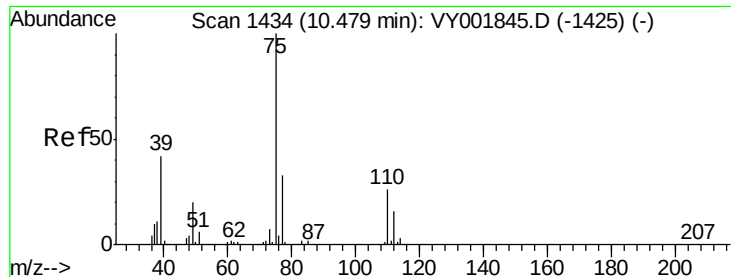
MMDadoda
3/18/2020 11:13:12 AM



#52
Toluene
Concen: 25.870 ug/l
RT: 10.25 min Scan# 1397
Delta R.T. -0.01 min
Lab File: VY002000.D
Acq: 17 Mar 2020 17:55

Tgt Ion: 92 Resp: 248245
Ion Ratio Lower Upper
92 100
91 172.3 138.6 208.0





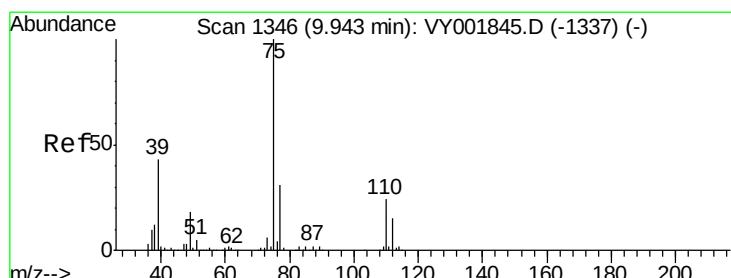
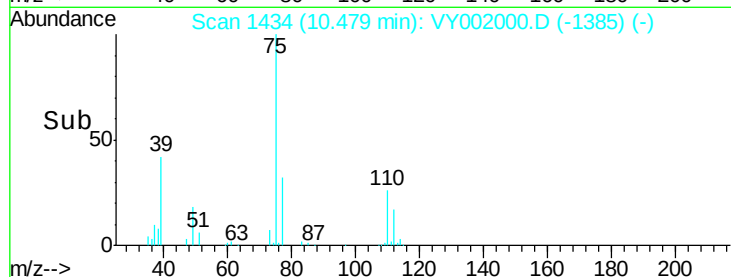
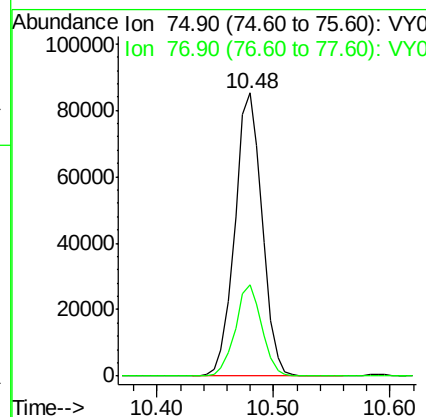
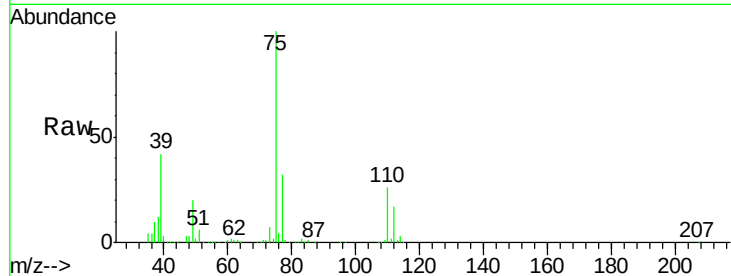
#53
t-1,3-Dichloropropene
Concen: 26.768 ug/l
RT: 10.48 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VY002000.D
Acq: 17 Mar 2020 17:55

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.4	26.3	39.5

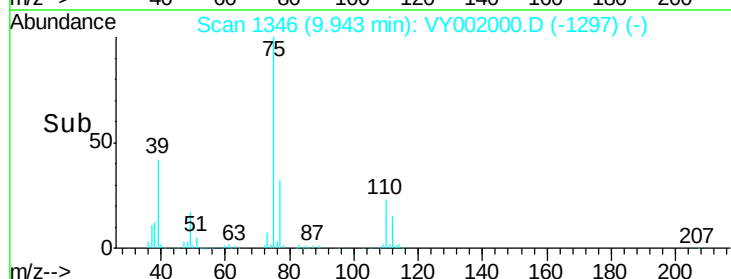
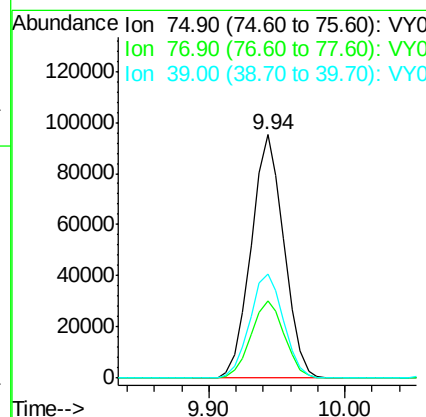
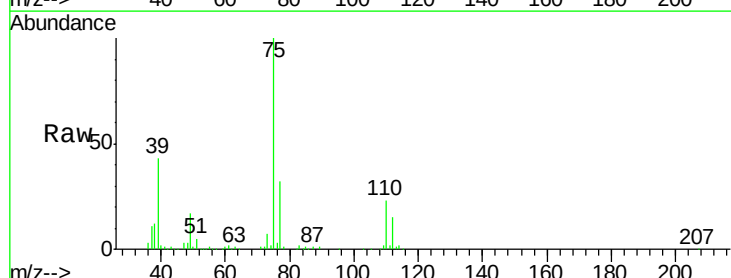
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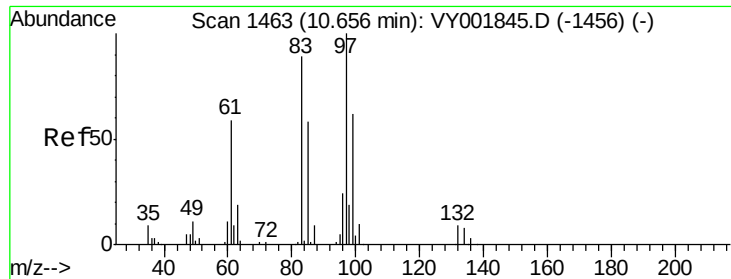
MMDadoda
3/18/2020 11:13:12 AM



#54
cis-1,3-Dichloropropene
Concen: 26.108 ug/l
RT: 9.94 min Scan# 1346
Delta R.T. 0.00 min
Lab File: VY002000.D
Acq: 17 Mar 2020 17:55

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.1	37.7
39	42.6	34.7	52.1





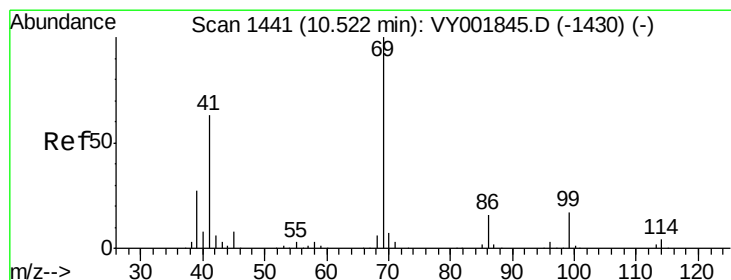
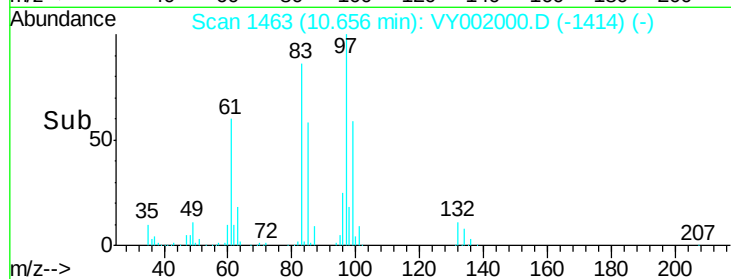
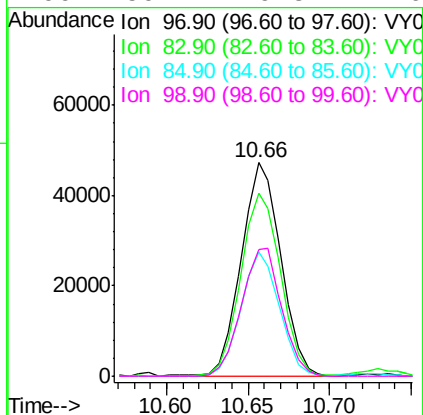
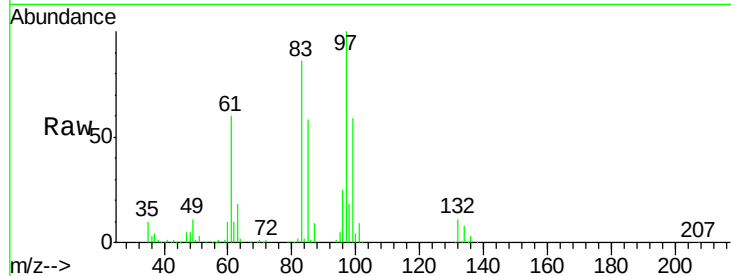
#55
 1,1,2-Trichloroethane
 Concen: 26.417 ug/l
 RT: 10.66 min Scan# 1463
 Delta R.T. 0.00 min
 Lab File: VY002000.D
 Acq: 17 Mar 2020 17:55

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
97	100		
83	85.8	71.6	107.4
85	58.3	46.6	69.8
99	59.2	49.8	74.6

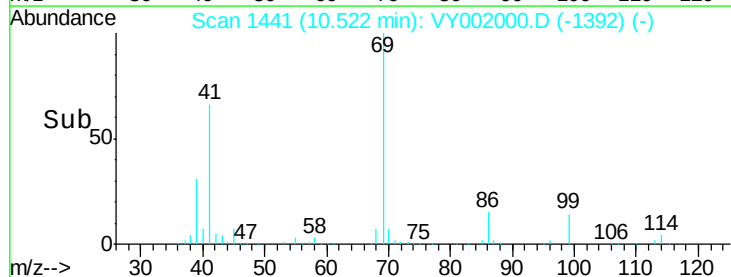
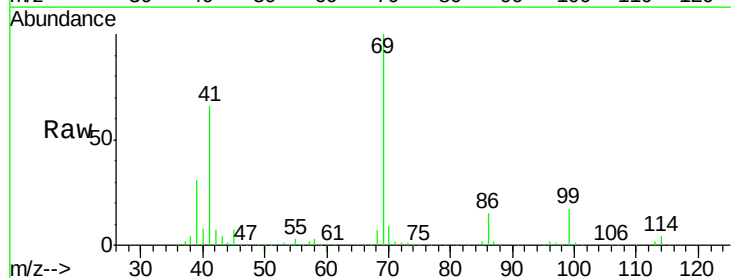
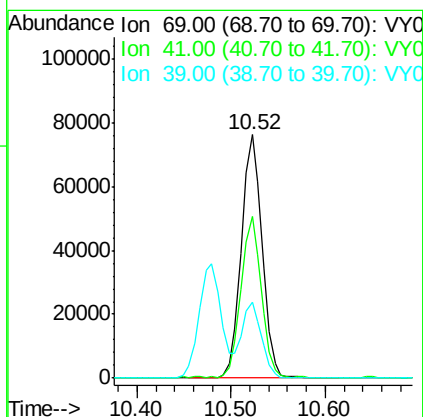
Manual Integrations
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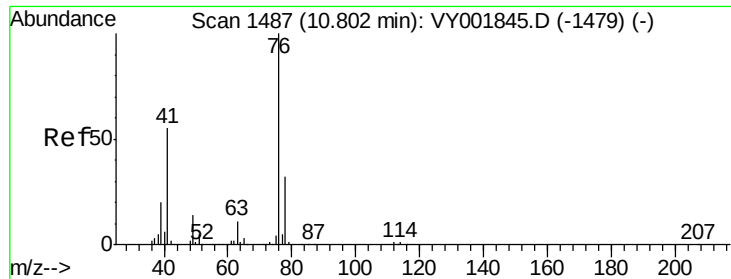
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 3/18/2020 11:13:12 AM



#56
 Ethyl methacrylate
 Concen: 26.636 ug/l
 RT: 10.52 min Scan# 1441
 Delta R.T. 0.00 min
 Lab File: VY002000.D
 Acq: 17 Mar 2020 17:55

Tgt Ion	Ratio	Lower	Upper
69	100		
41	64.4	49.9	74.9
39	28.7	23.0	34.6





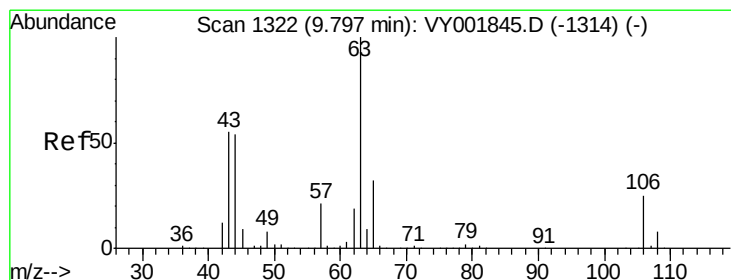
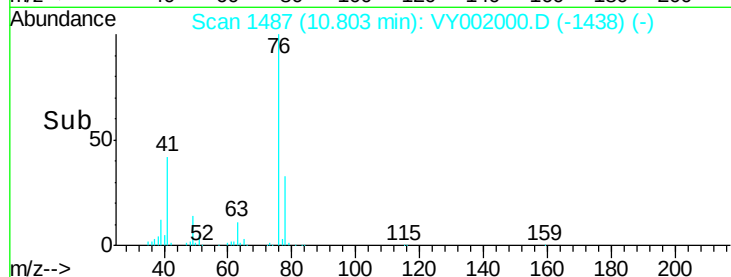
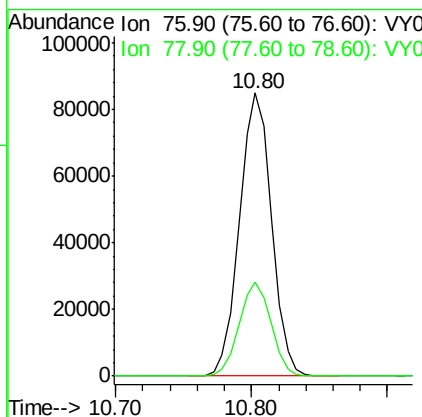
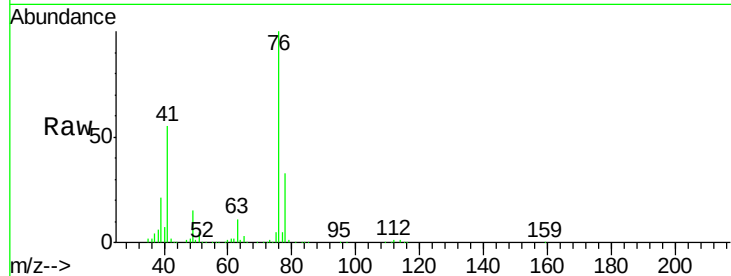
#57
 1,3-Dichloropropane
 Concen: 26.106 ug/l
 RT: 10.80 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VY002000.D
 Acq: 17 Mar 2020 17:55

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	33.0	25.8	38.6

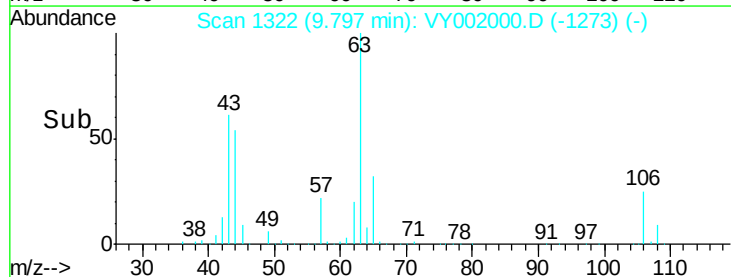
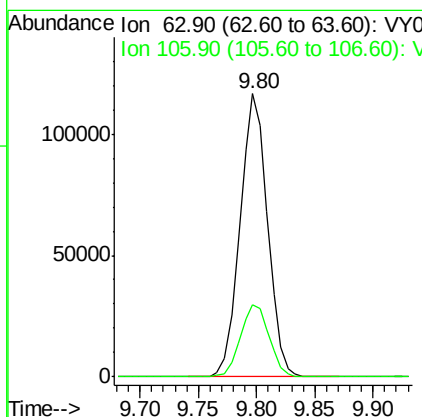
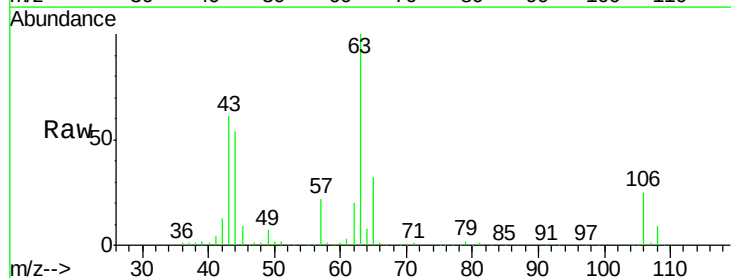
Manual Integrations
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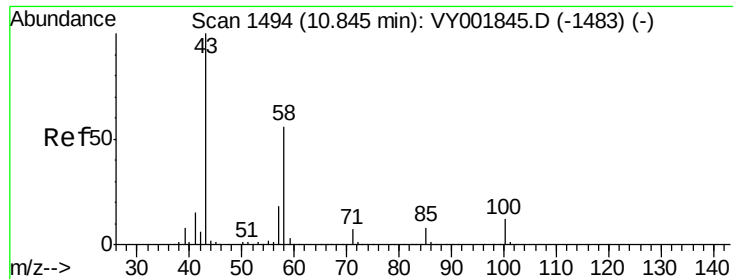
MMDadoda
 3/18/2020 11:13:12 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 106.412 ug/l
 RT: 9.80 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VY002000.D
 Acq: 17 Mar 2020 17:55

Tgt Ion	Ratio	Lower	Upper
63	100		
106	26.6	21.3	31.9





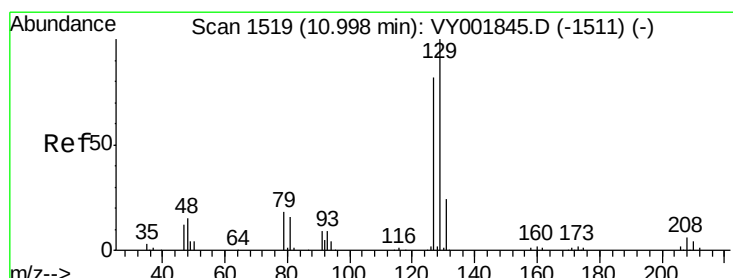
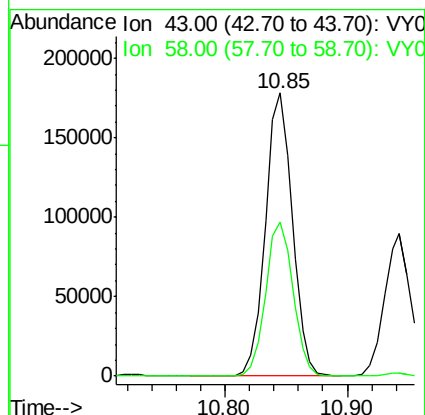
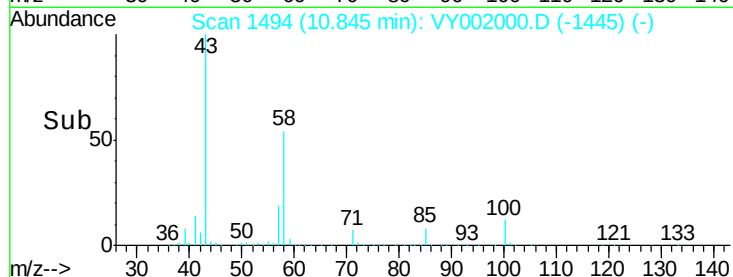
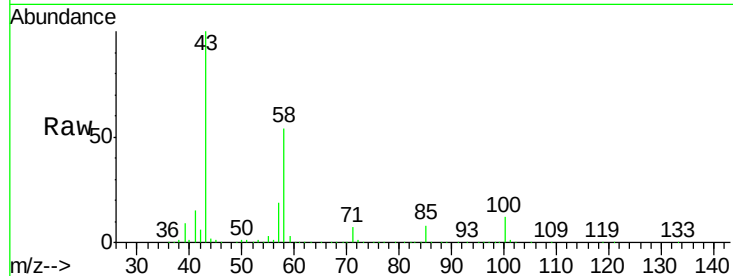
#59
2-Hexanone
Concen: 127.121 ug/l
RT: 10.85 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VY002000.D
Acq: 17 Mar 2020 17:55

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 274066
Ion Ratio Lower Upper
43 100
58 55.4 28.1 84.3

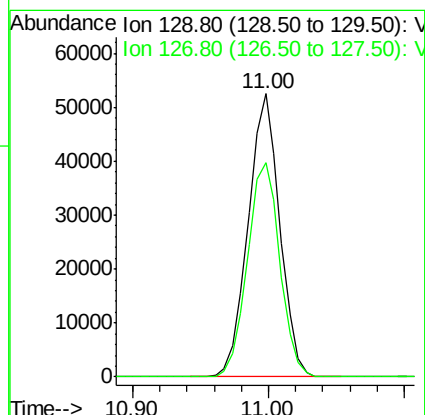
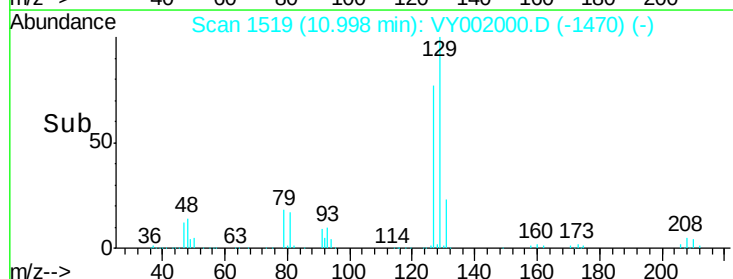
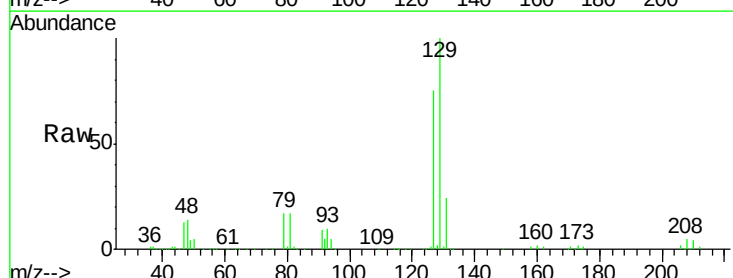
Manual Integrations
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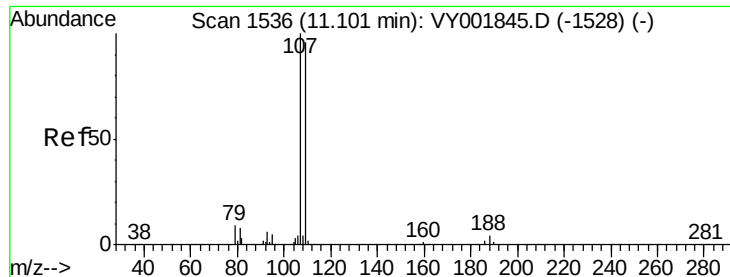
MMDadoda
3/18/2020 11:13:12 AM



#60
Dibromochloromethane
Concen: 27.082 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. 0.00 min
Lab File: VY002000.D
Acq: 17 Mar 2020 17:55

Tgt Ion: 129 Resp: 85463
Ion Ratio Lower Upper
129 100
127 77.5 39.0 117.0





#61

1,2-Dibromoethane

Concen: 26.249 ug/l

RT: 11.10 min Scan# 1536

Delta R.T. 0.00 min

Lab File: VY002000.D

Acq: 17 Mar 2020 17:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 74464

Ion Ratio Lower Upper

107 100

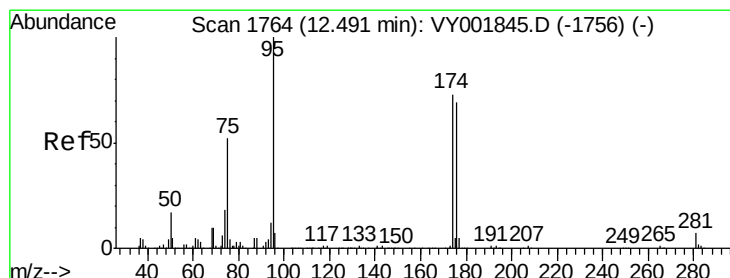
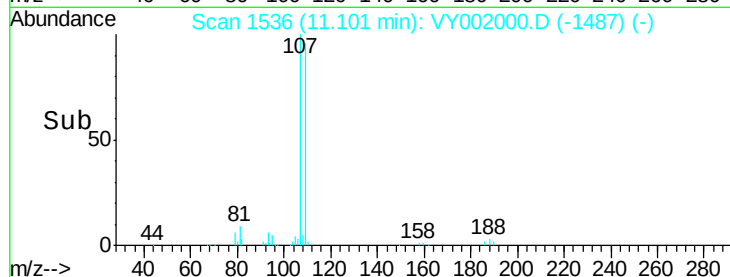
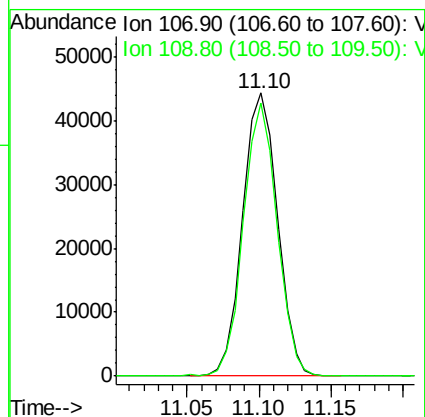
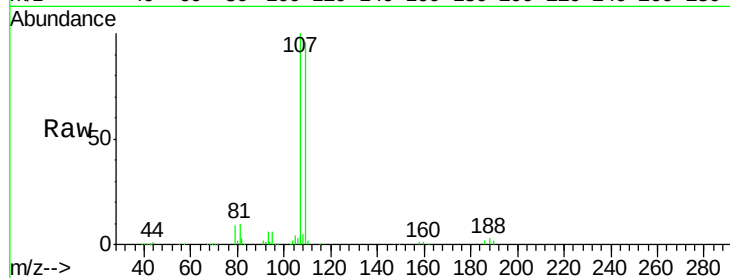
109 93.5 75.4 113.0

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#62

4-Bromofluorobenzene

Concen: 52.464 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VY002000.D

Acq: 17 Mar 2020 17:55

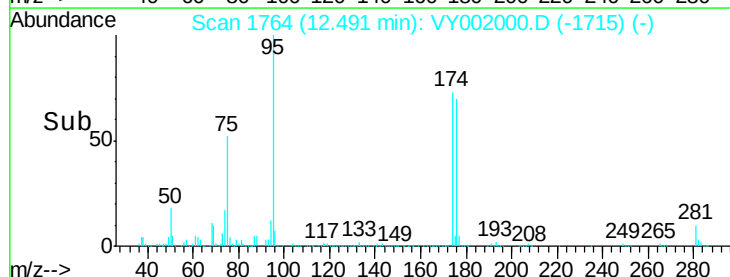
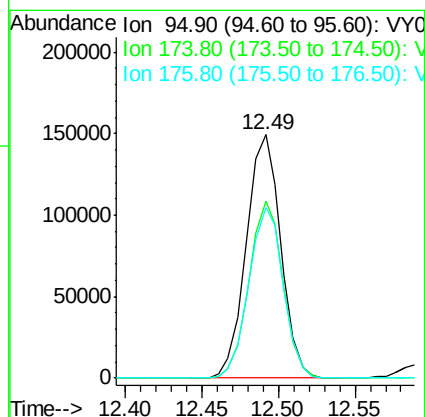
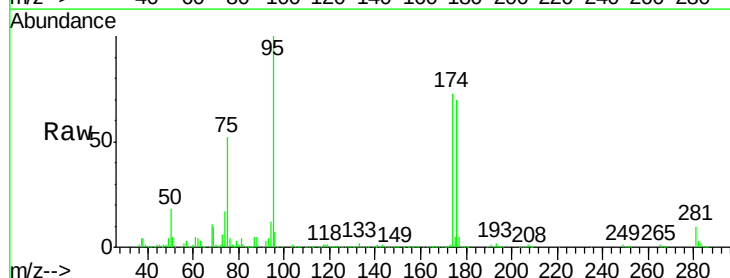
Tgt Ion: 95 Resp: 232629

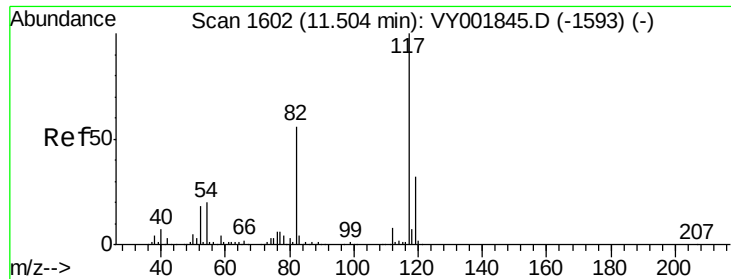
Ion Ratio Lower Upper

95 100

174 71.9 0.0 145.0

176 70.2 0.0 137.4





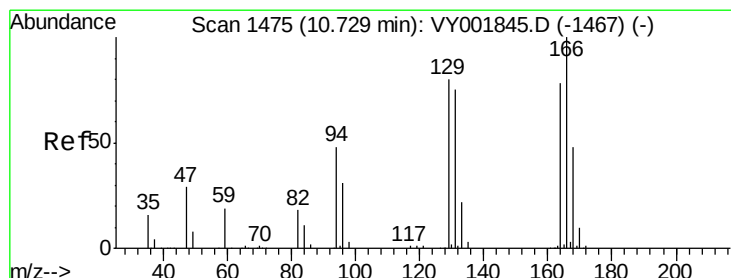
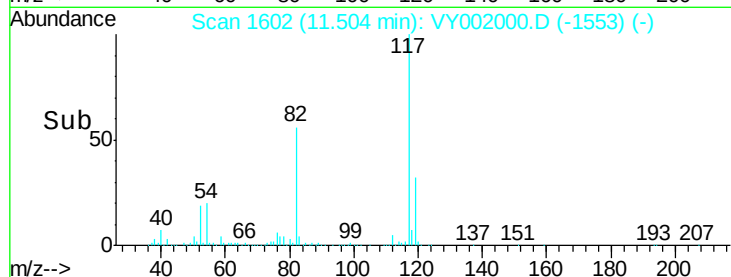
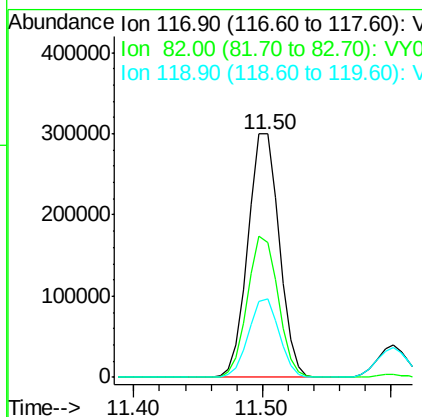
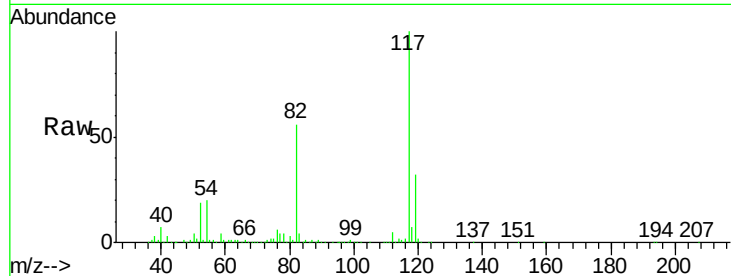
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY002000.D
Acq: 17 Mar 2020 17:55

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.5	44.5	66.7
119	32.3	25.7	38.5

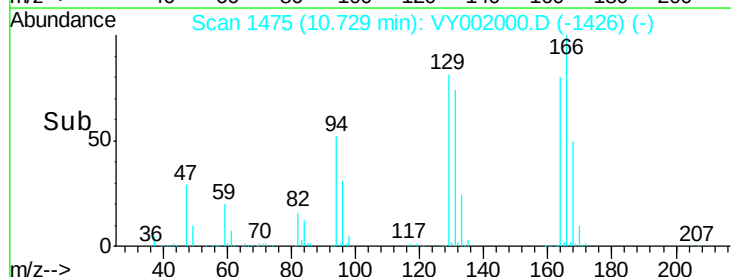
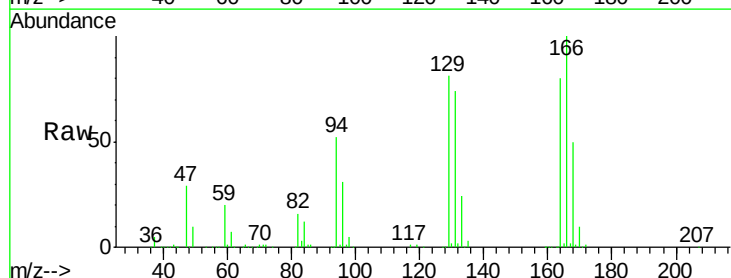
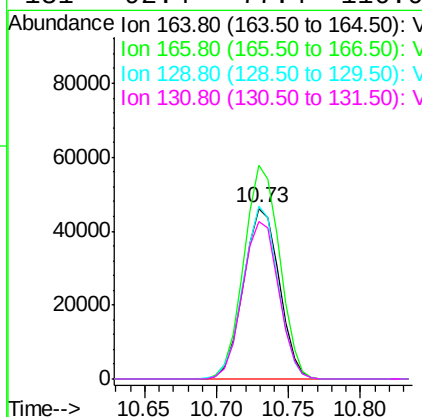
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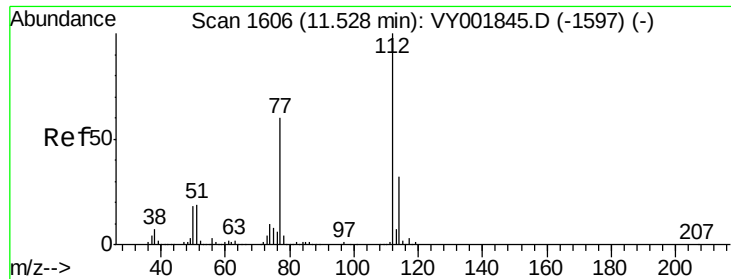
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#64
Tetrachloroethene
Concen: 25.132 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. 0.00 min
Lab File: VY002000.D
Acq: 17 Mar 2020 17:55

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.2	102.6	154.0
129	101.4	82.3	123.5
131	92.4	77.4	116.0





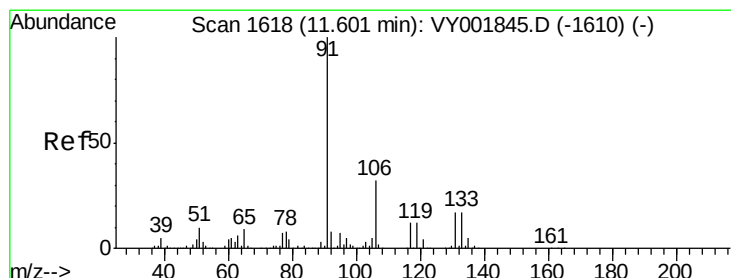
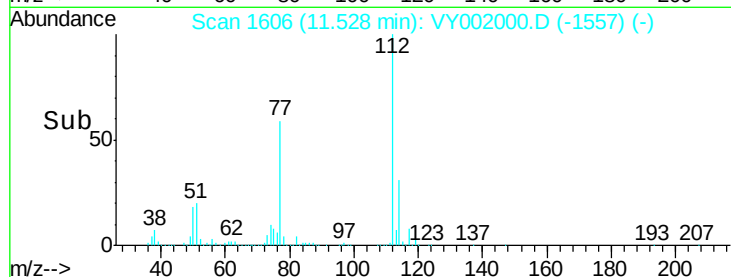
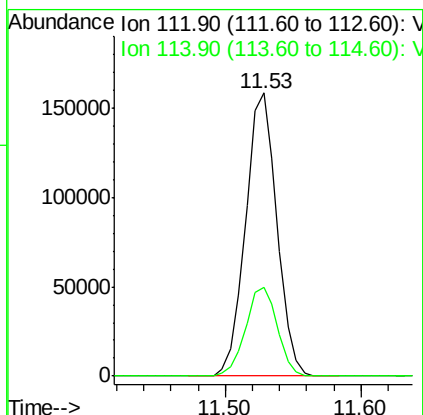
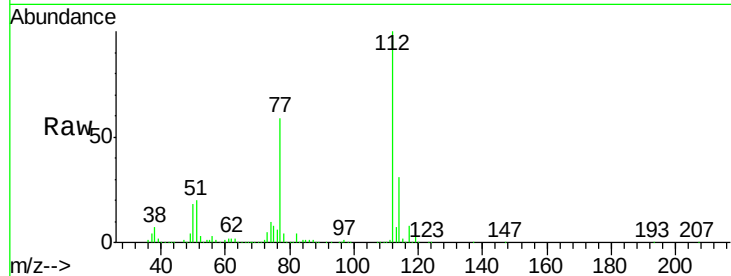
#65
Chlorobenzene
Concen: 25.536 ug/l
RT: 11.53 min Scan# 1606
Delta R.T. 0.00 min
Lab File: VY002000.D
Acq: 17 Mar 2020 17:55

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.3	25.9	38.9

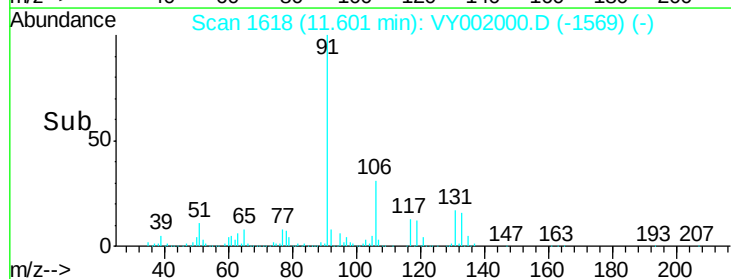
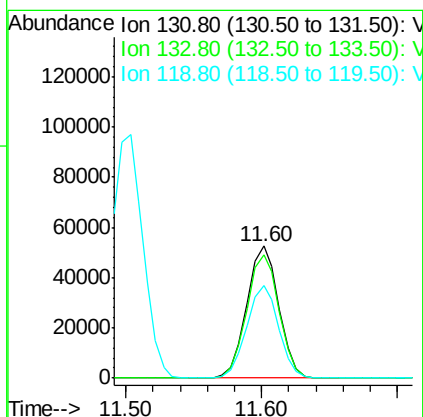
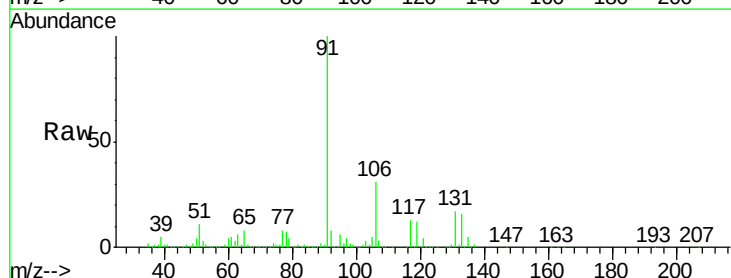
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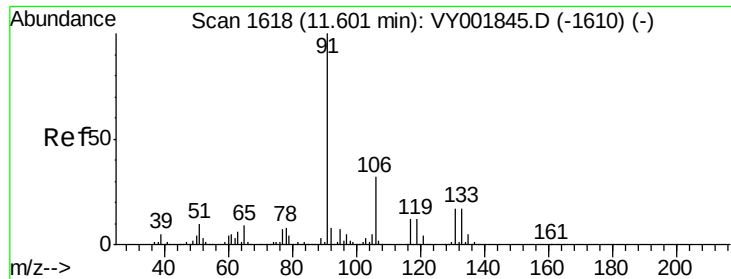
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#66
1,1,1,2-Tetrachloroethane
Concen: 26.447 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY002000.D
Acq: 17 Mar 2020 17:55

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.3	47.1	141.3
119	69.8	34.5	103.6





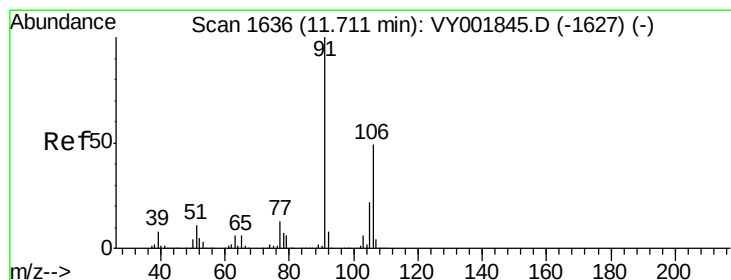
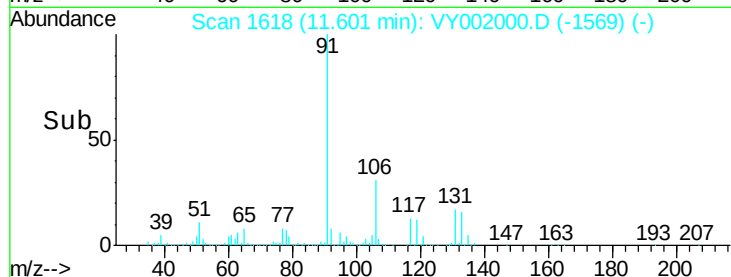
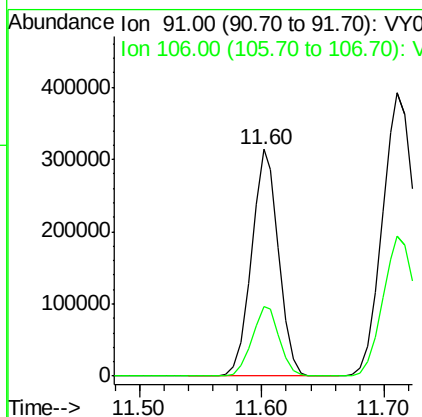
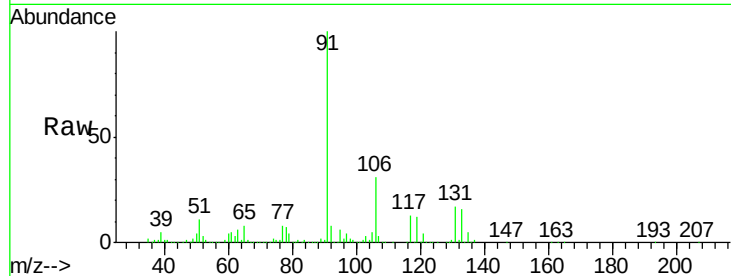
#67
Ethyl Benzene
Concen: 25.674 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY002000.D
Acq: 17 Mar 2020 17:55

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 479209
Ion Ratio Lower Upper
91 100
106 30.8 25.4 38.2

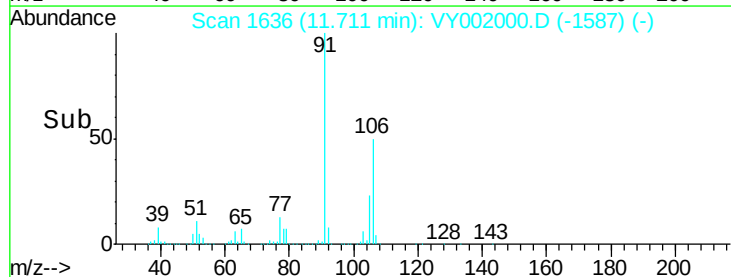
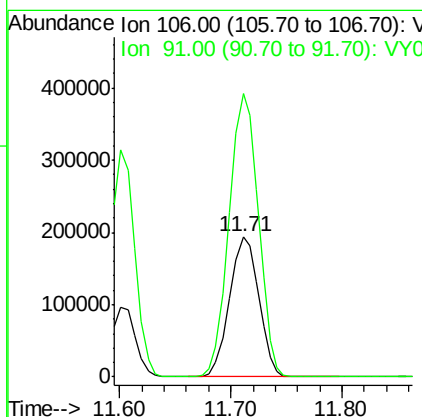
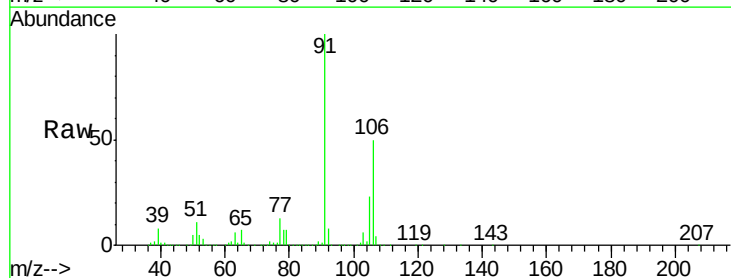
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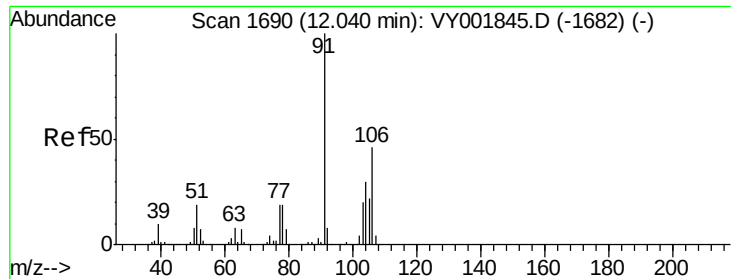
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#68
m/p-Xylenes
Concen: 51.265 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VY002000.D
Acq: 17 Mar 2020 17:55

Tgt Ion: 106 Resp: 353765
Ion Ratio Lower Upper
106 100
91 202.3 161.3 241.9





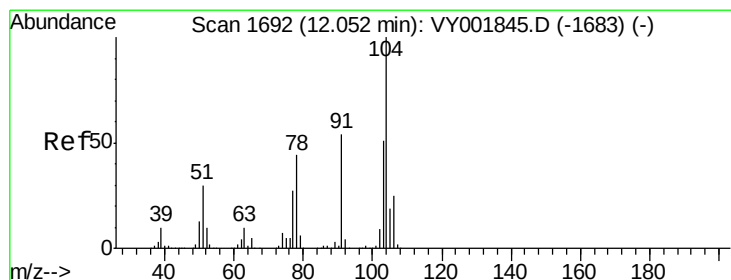
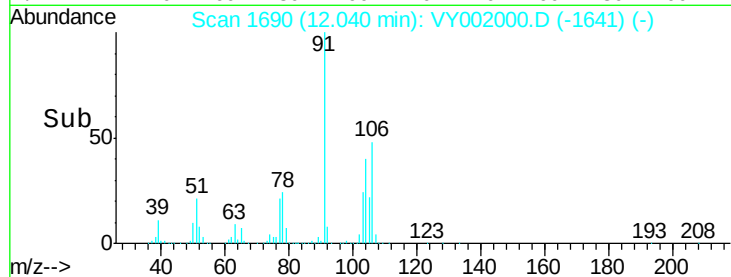
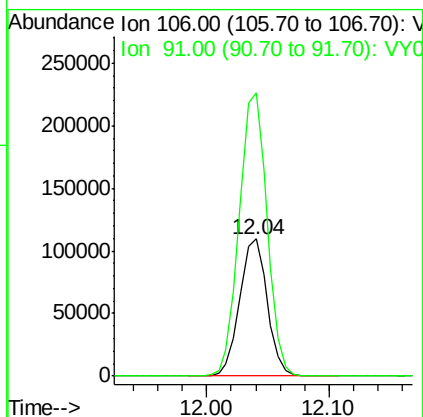
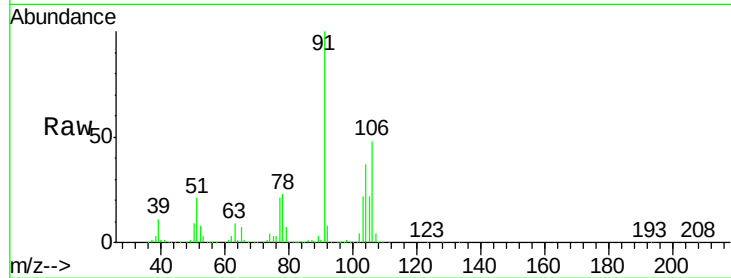
#69
o-Xylene
Concen: 26.207 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY002000.D
Acq: 17 Mar 2020 17:55

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
106	100		
91	208.8	106.8	320.4

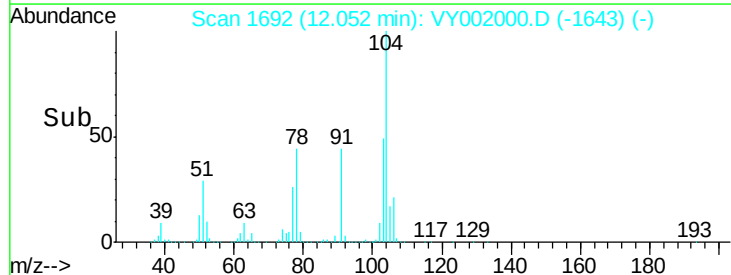
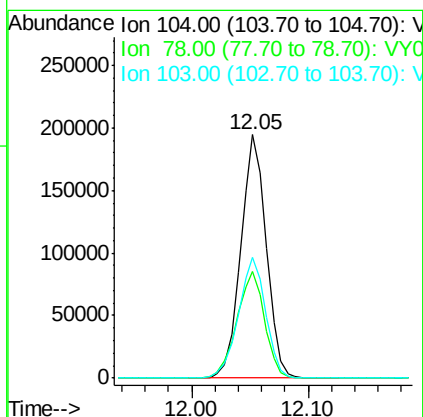
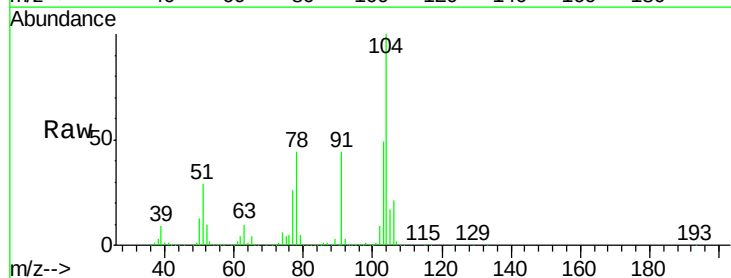
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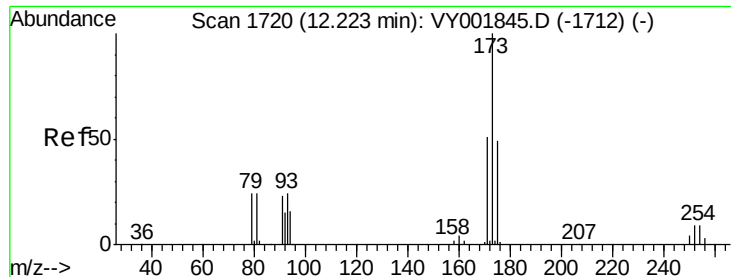
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#70
Styrene
Concen: 26.562 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VY002000.D
Acq: 17 Mar 2020 17:55

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.8	38.5	57.7
103	53.1	42.9	64.3





#71

Bromoform

Concen: 27.503 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. -0.01 min

Lab File: VY002000.D

Acq: 17 Mar 2020 17:55

Instrument :

MSVOA_Y

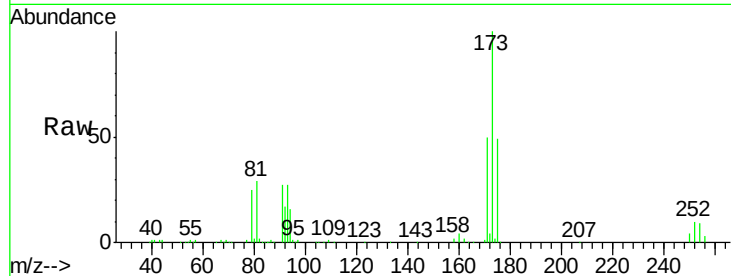
ClientSampleId :

VSTDCCC050EC

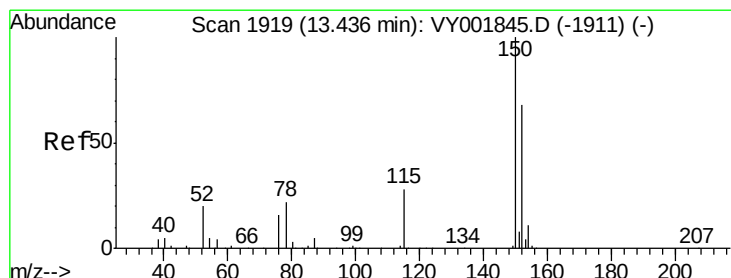
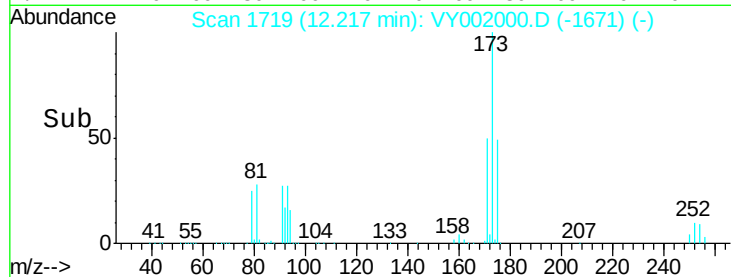
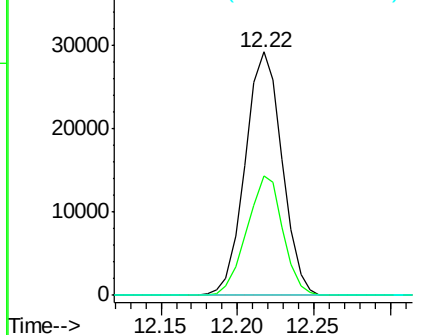
Tot Ion:	173	Resp:	48952
Ion Ratio	Lower	Upper	
173	100		
175	48.1	24.3	72.8
254	0.0	0.0	0.0

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

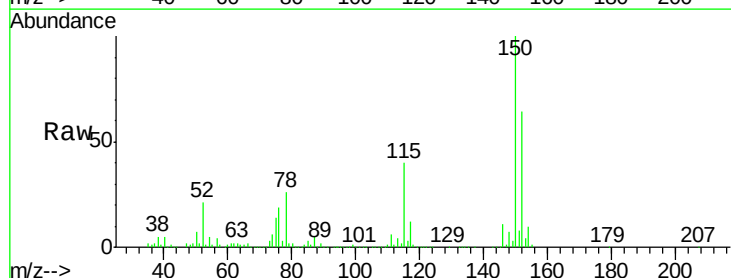
RT: 13.44 min Scan# 1919

Delta R.T. 0.00 min

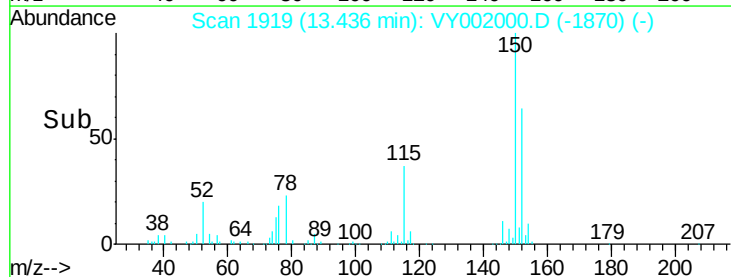
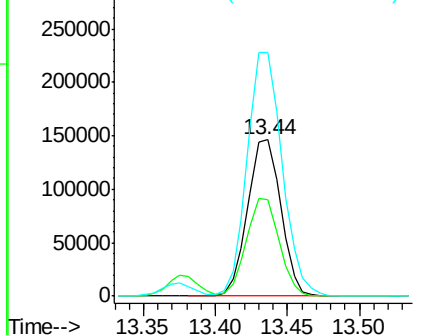
Lab File: VY002000.D

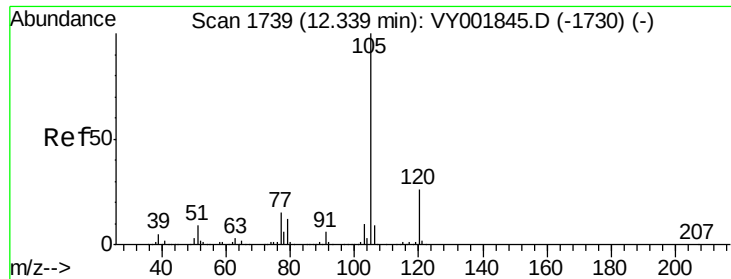
Acq: 17 Mar 2020 17:55

Tgt Ion:	152	Resp:	233999
Ion Ratio	Lower	Upper	
152	100		
115	61.7	29.9	89.7
150	163.9	0.0	340.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





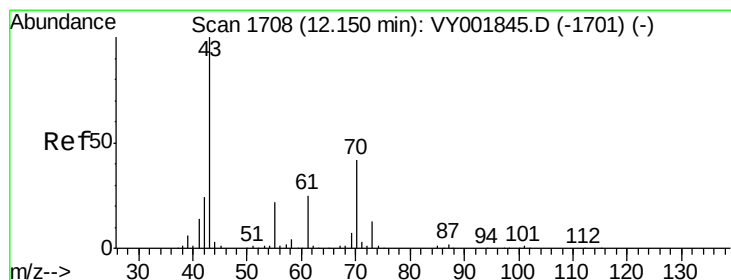
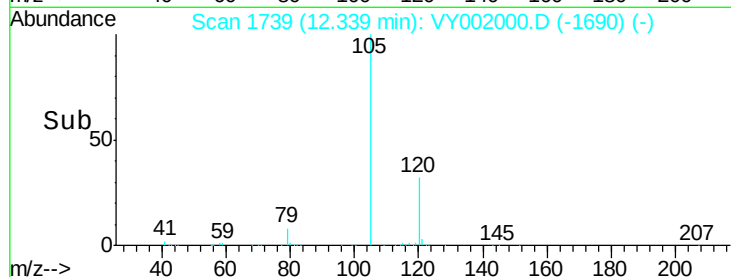
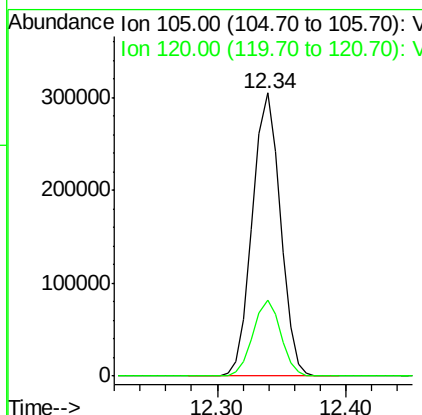
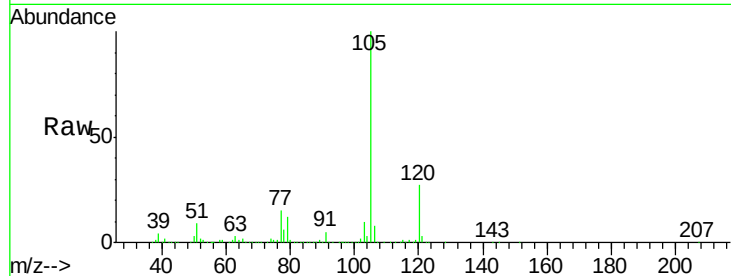
#73
Isopropylbenzene
Concen: 25.599 ug/l
RT: 12.34 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VY002000.D
Acq: 17 Mar 2020 17:55

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.8	13.1	39.3

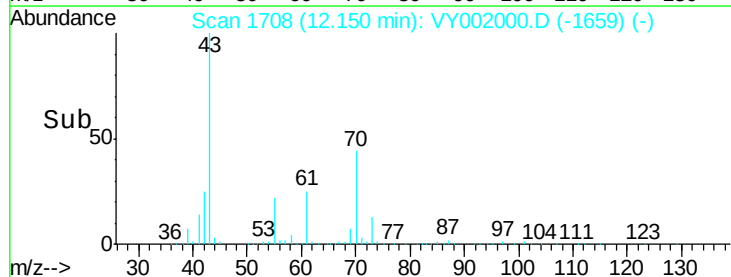
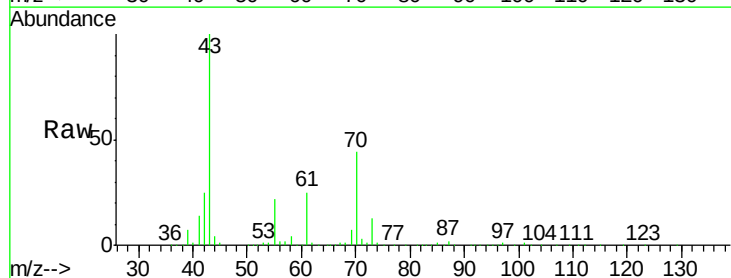
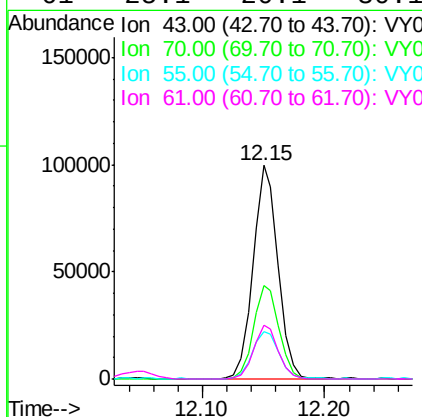
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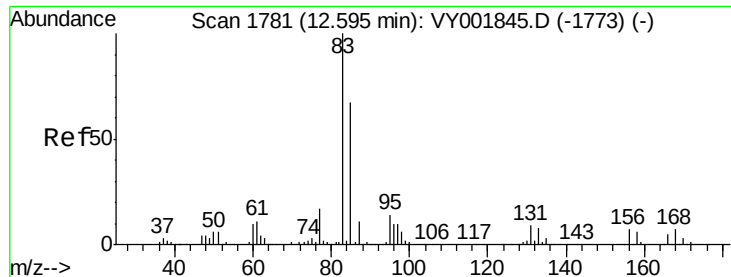
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#74
N-ethyl acetate
Concen: 25.611 ug/l
RT: 12.15 min Scan# 1708
Delta R.T. 0.00 min
Lab File: VY002000.D
Acq: 17 Mar 2020 17:55

Tgt Ion	Ratio	Lower	Upper
43	100		
70	45.1	34.7	52.1
55	23.6	18.2	27.4
61	25.1	20.1	30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 25.774 ug/l

RT: 12.59 min Scan# 1781

Delta R.T. 0.00 min

Lab File: VY002000.D

Acq: 17 Mar 2020 17:55

Instrument :

MSVOA_Y

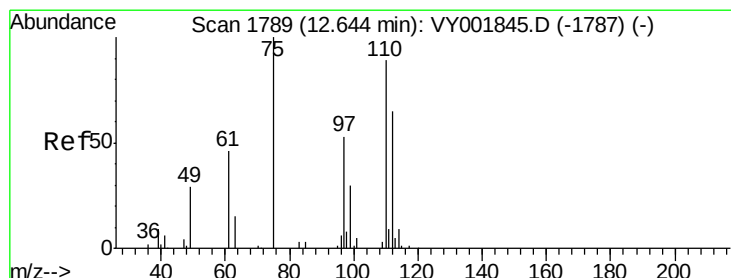
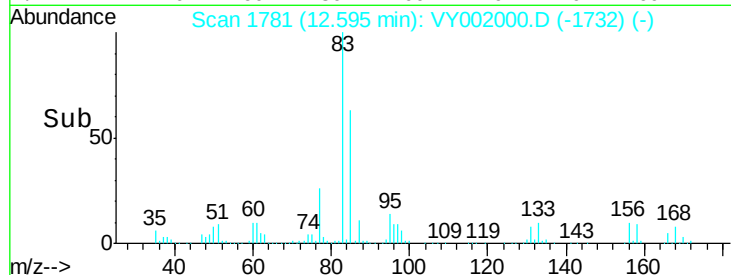
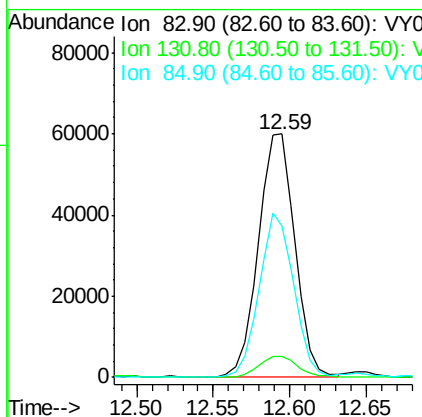
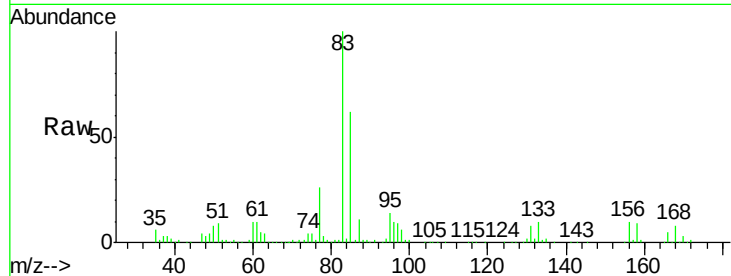
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	99282
Ion Ratio	Lower	Upper	
83	100		
131	9.2	4.6	13.8
85	64.6	32.1	96.3

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#76

1,2,3-Trichloropropane

Concen: 22.122 ug/l m

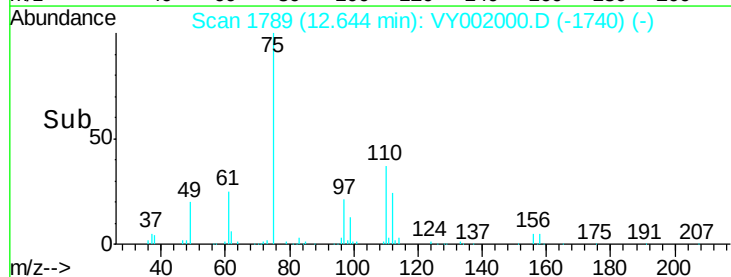
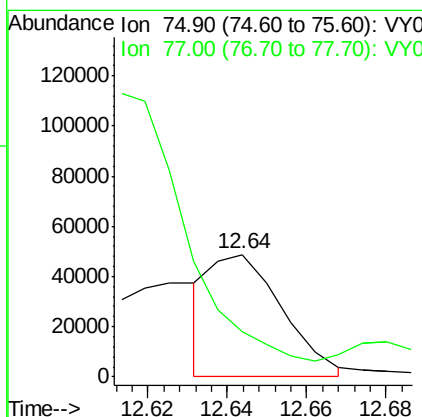
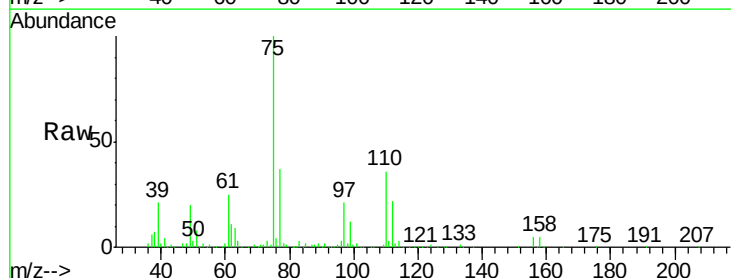
RT: 12.64 min Scan# 1789

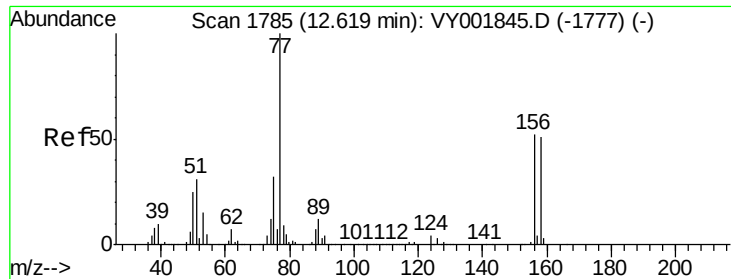
Delta R.T. 0.00 min

Lab File: VY002000.D

Acq: 17 Mar 2020 17:55

Tgt Ion:	75	Resp:	61423
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 25.768 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VY002000.D

Acq: 17 Mar 2020 17:55

Instrument :

MSVOA_Y

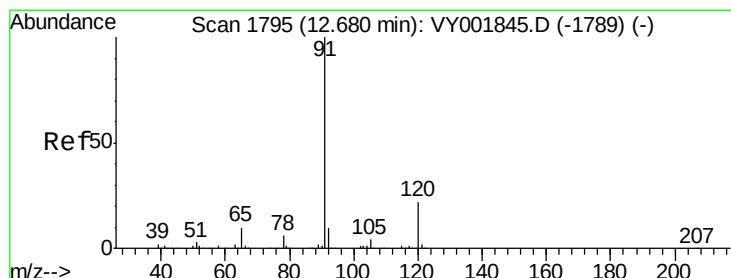
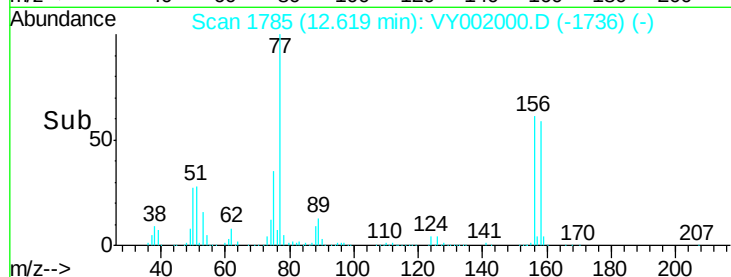
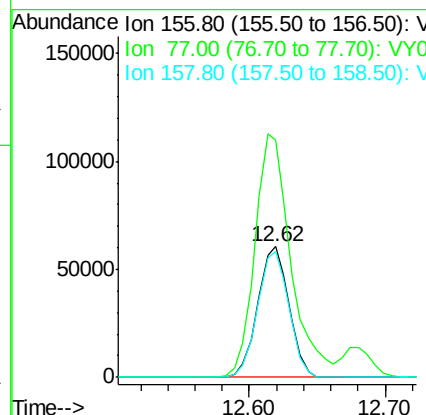
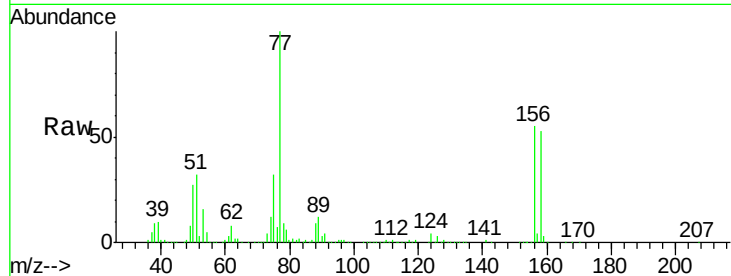
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	214.0	109.0	327.0	
158	96.8	48.9	146.8	

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#78

n-propylbenzene

Concen: 25.436 ug/l

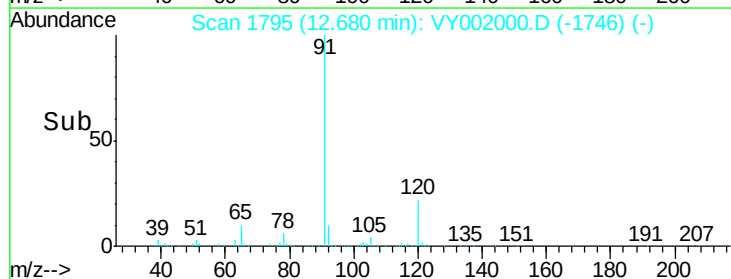
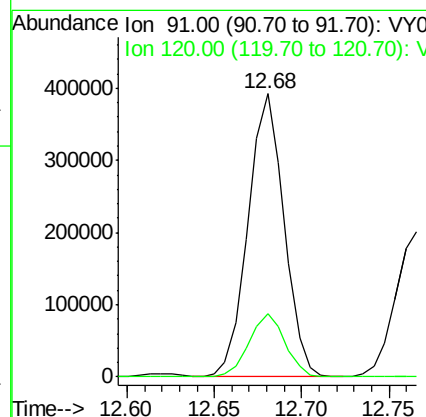
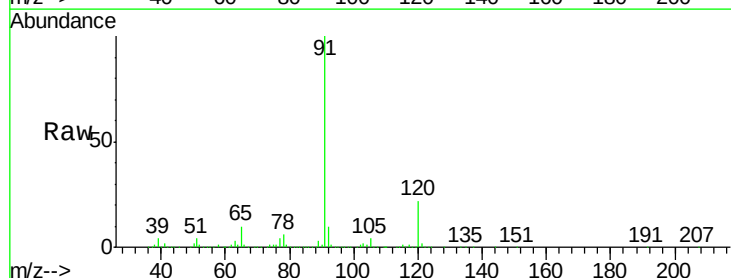
RT: 12.68 min Scan# 1795

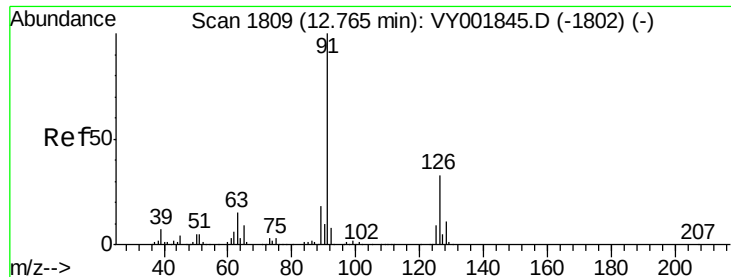
Delta R.T. 0.00 min

Lab File: VY002000.D

Acq: 17 Mar 2020 17:55

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	22.2	11.0	33.0	





#79

2-Chlorotoluene

Concen: 25.443 ug/l

RT: 12.77 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VY002000.D

Acq: 17 Mar 2020 17:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 309783

Ion Ratio Lower Upper

91 100

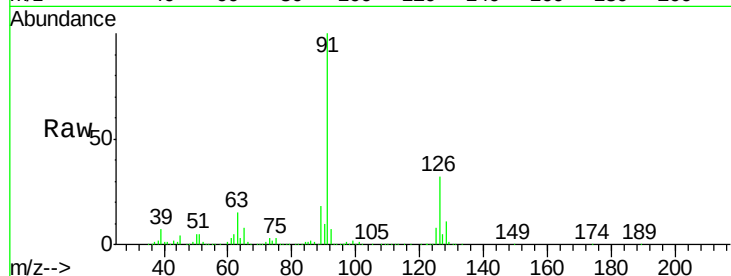
126 32.9 16.3 48.8

Manual Integrations

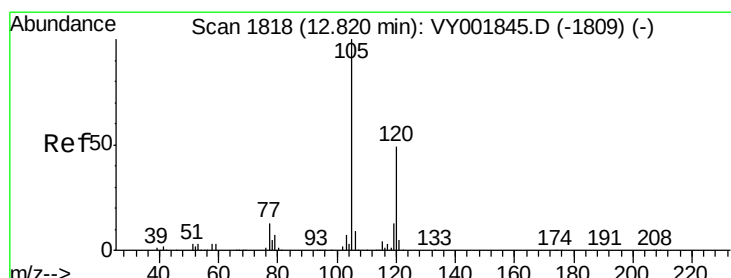
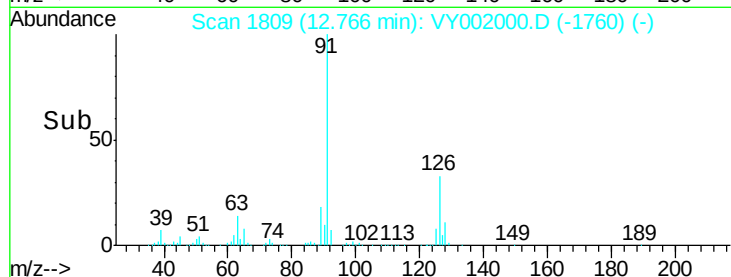
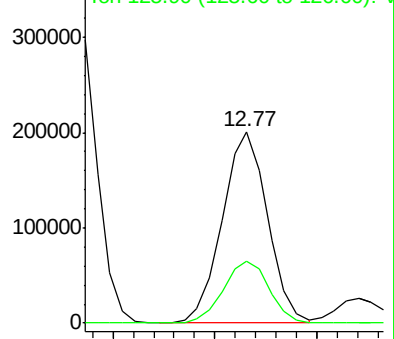
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Abundance Ion 91.00 (90.70 to 91.70): VY001845.D (-1802) (-)



#80

1,3,5-Trimethylbenzene

Concen: 25.654 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VY002000.D

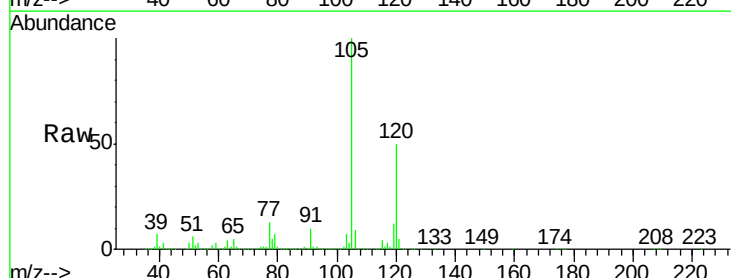
Acq: 17 Mar 2020 17:55

Tgt Ion: 105 Resp: 377251

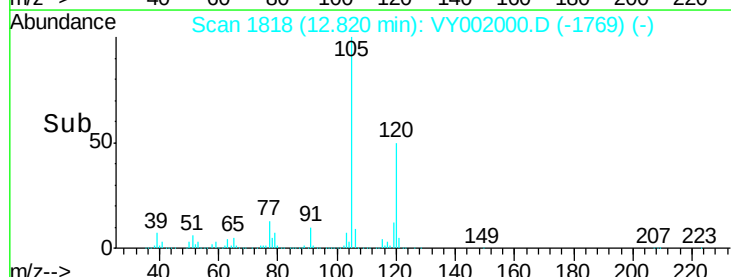
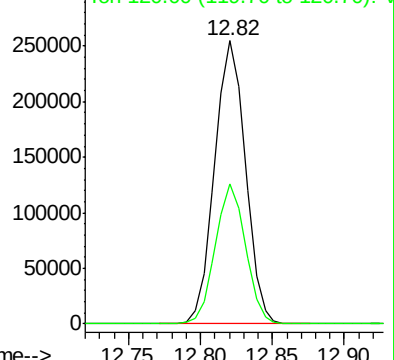
Ion Ratio Lower Upper

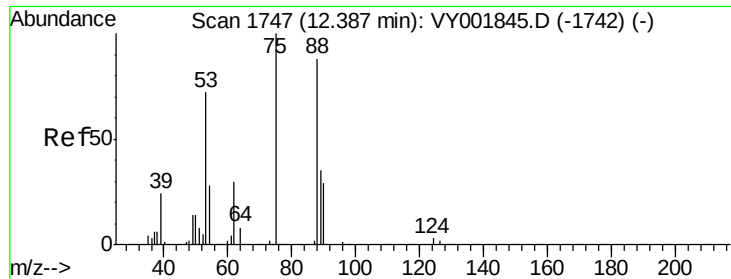
105 100

120 48.6 24.4 73.2



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





#81

trans-1,4-Dichloro-2-butene

Concen: 25.191 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VY002000.D

Acq: 17 Mar 2020 17:55

Instrument :

MSVOA_Y

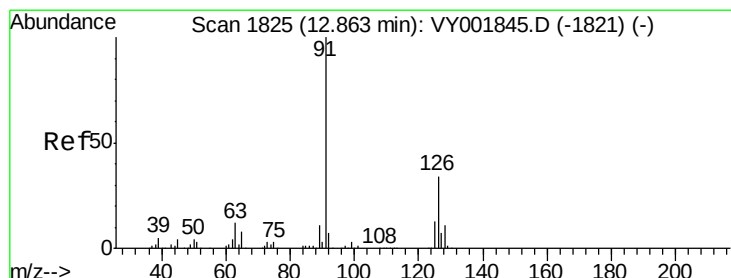
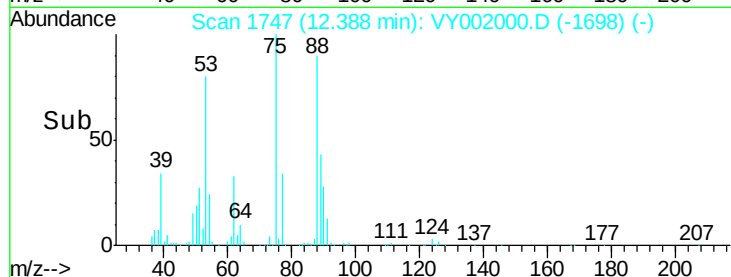
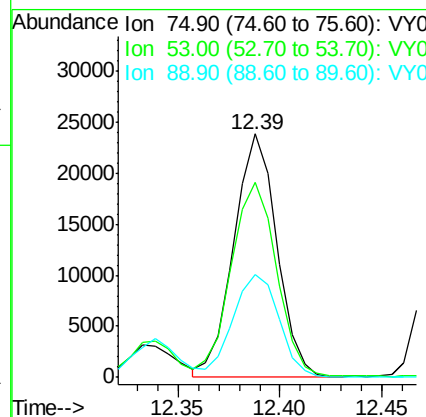
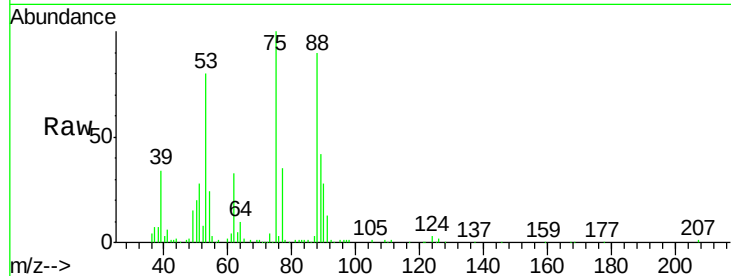
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	34627
Ion	Ratio	Lower	Upper
75	100		
53	85.1	65.4	98.0
89	45.3	36.0	54.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 25.692 ug/l

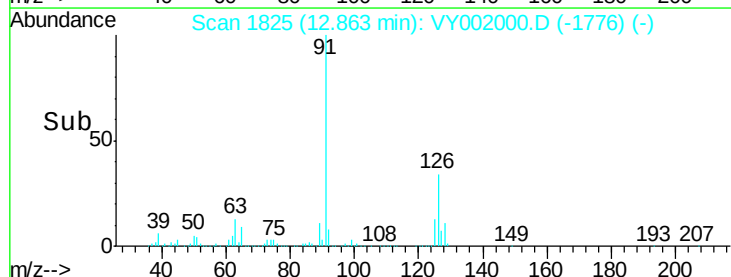
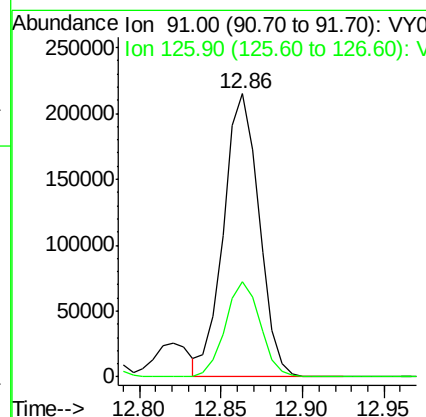
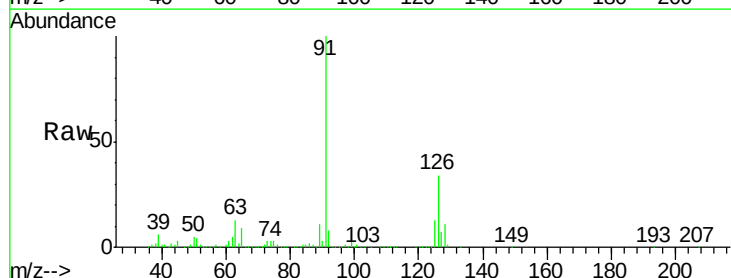
RT: 12.86 min Scan# 1825

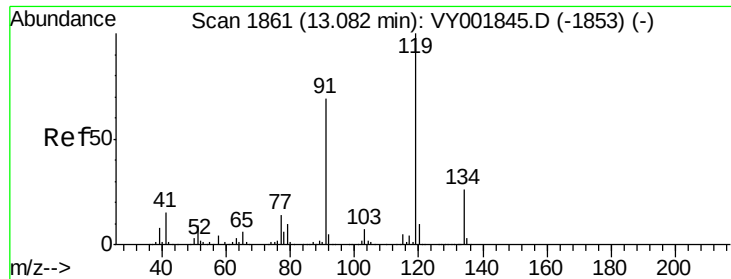
Delta R.T. 0.00 min

Lab File: VY002000.D

Acq: 17 Mar 2020 17:55

Tgt Ion:	91	Resp:	325696
Ion	Ratio	Lower	Upper
91	100		
126	33.2	16.4	49.2





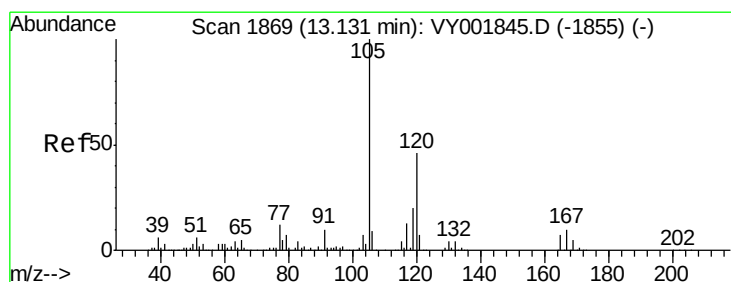
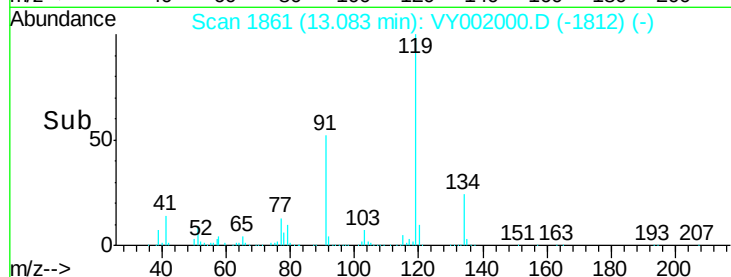
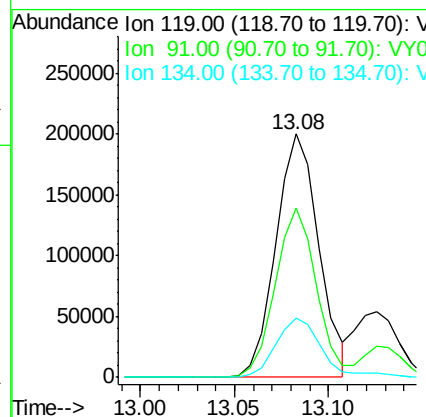
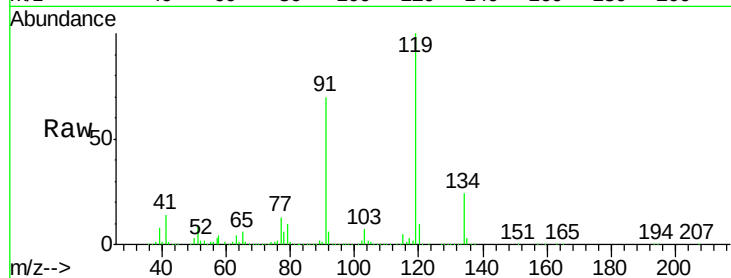
#83
 tert-Butylbenzene
 Concen: 25.893 ug/l
 RT: 13.08 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VY002000.D
 Acq: 17 Mar 2020 17:55

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	66.0	34.0	101.8
134	26.1	13.5	40.4

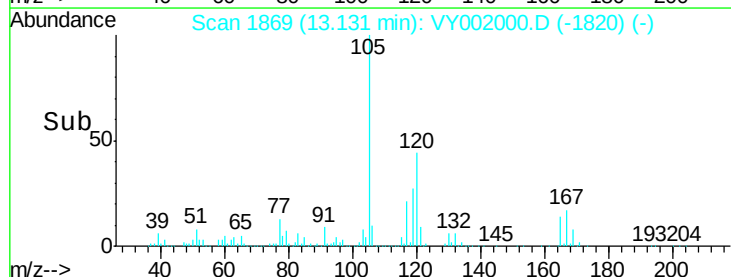
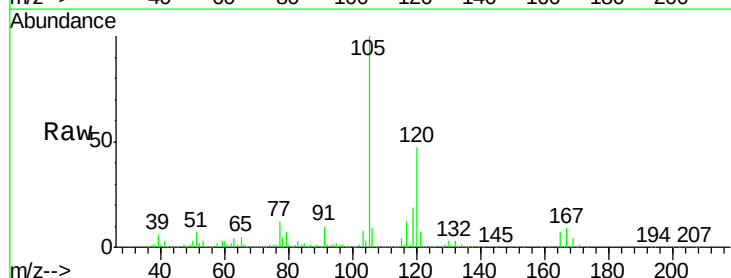
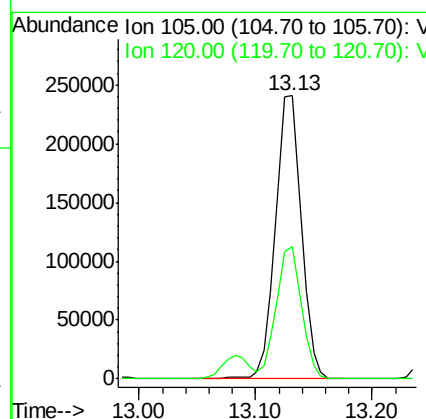
Manual Integrations
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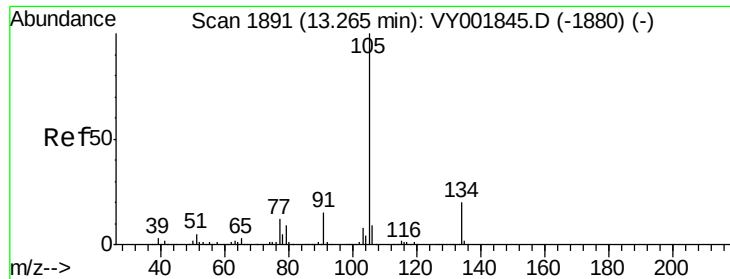
MMDadoda
 3/18/2020 11:13:12 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 25.697 ug/l
 RT: 13.13 min Scan# 1869
 Delta R.T. 0.00 min
 Lab File: VY002000.D
 Acq: 17 Mar 2020 17:55

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.7	22.6	67.7





#85

sec-Butylbenzene

Concen: 26.121 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. -0.01 min

Lab File: VY002000.D

Acq: 17 Mar 2020 17:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 470263

Ion Ratio Lower Upper

105 100

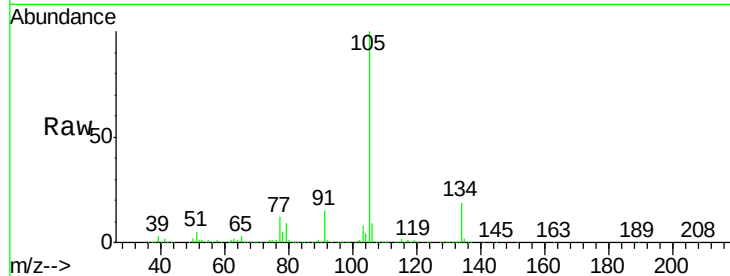
134 19.2 9.7 29.1

Manual Integrations

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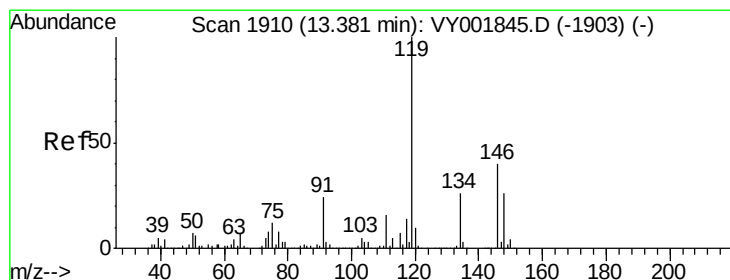
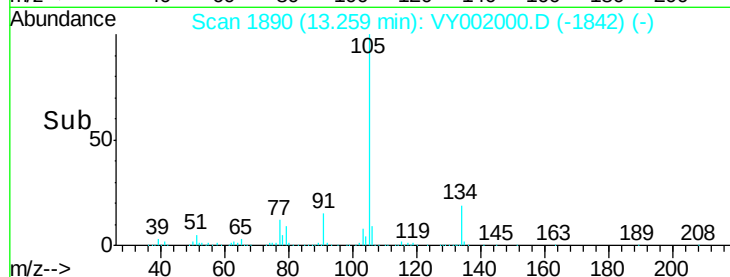
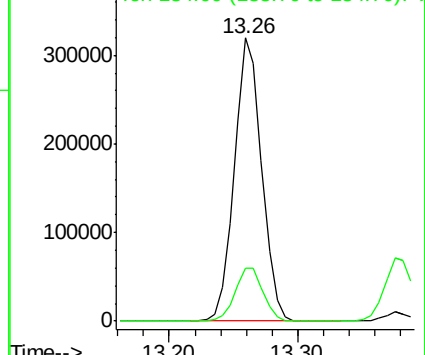
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 25.751 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. -0.01 min

Lab File: VY002000.D

Acq: 17 Mar 2020 17:55

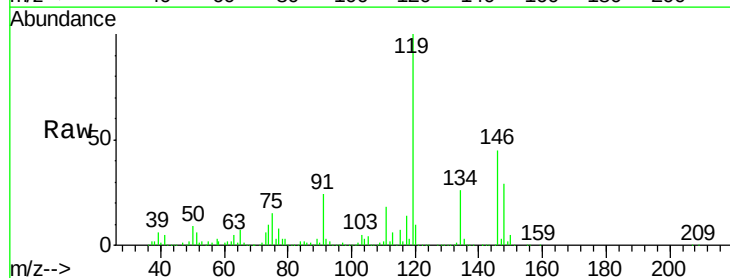
Tgt Ion:119 Resp: 399922

Ion Ratio Lower Upper

119 100

134 26.2 13.1 39.3

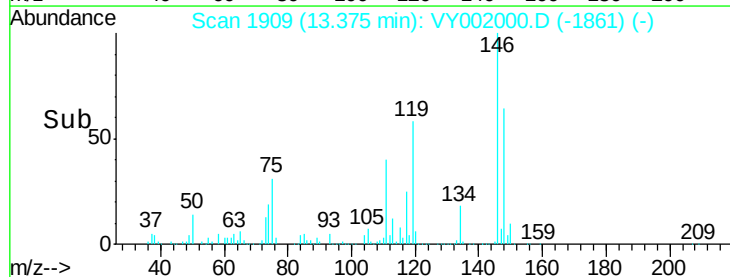
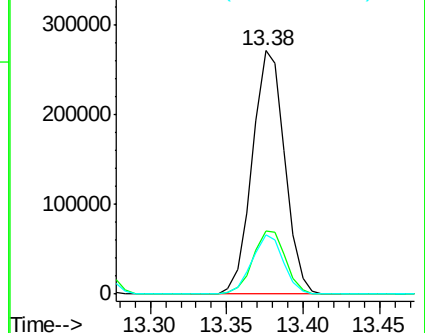
91 23.8 11.9 35.7

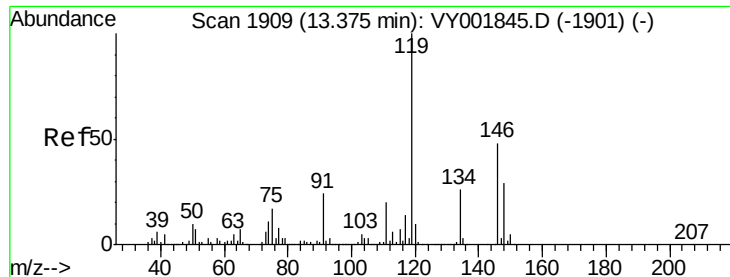


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





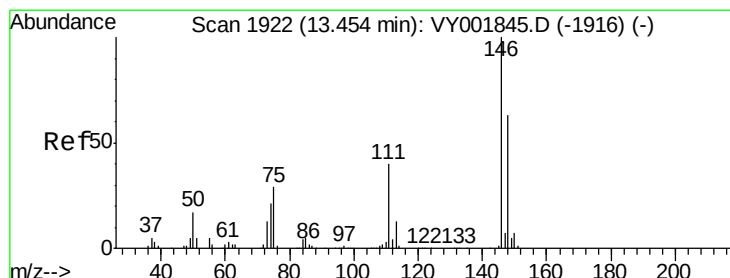
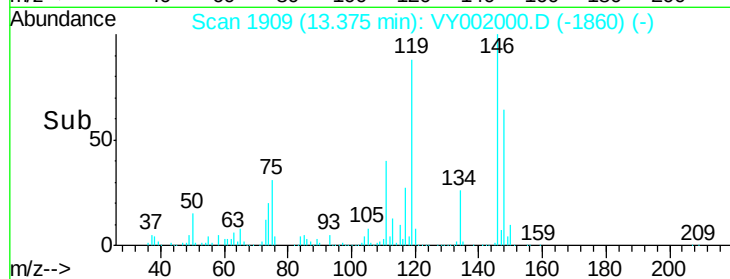
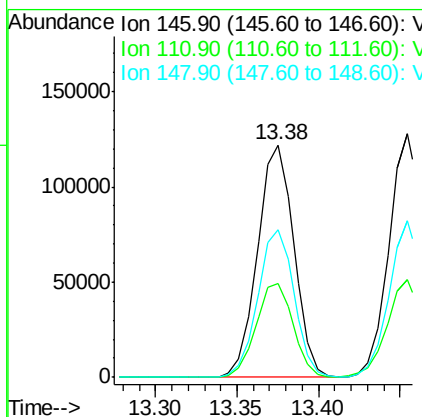
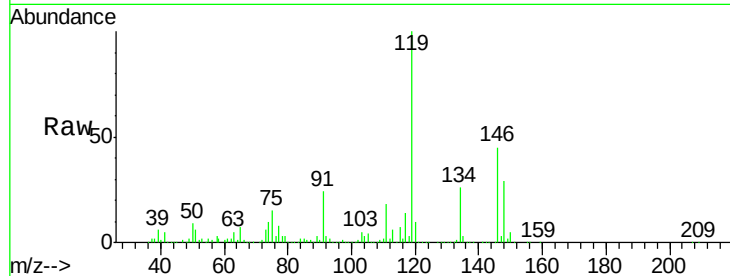
#87
 1,3-Dichlorobenzene
 Concen: 25.467 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. 0.00 min
 Lab File: VY002000.D
 Acq: 17 Mar 2020 17:55

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.8	62.5
148	63.7	31.4	94.0

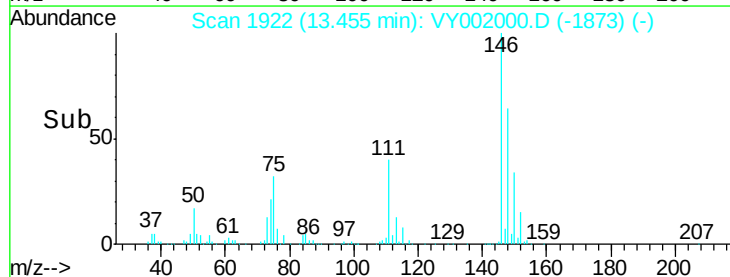
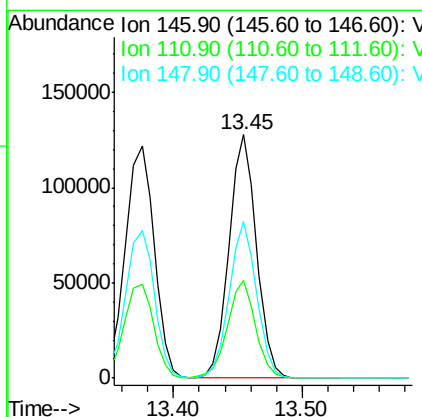
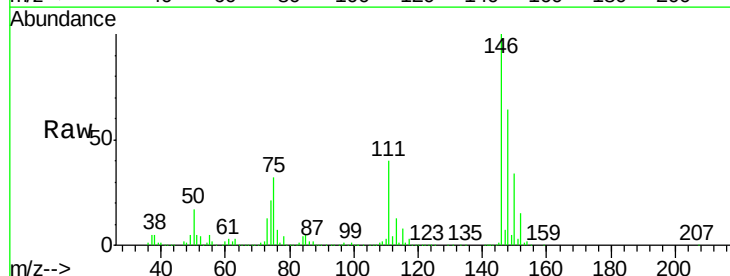
Manual Integrations
 APPROVED

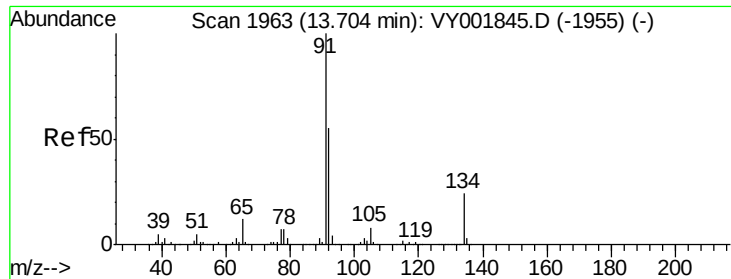
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 3/18/2020 11:13:12 AM



#88
 1,4-Dichlorobenzene
 Concen: 25.274 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VY002000.D
 Acq: 17 Mar 2020 17:55

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.0	60.0
148	64.0	31.5	94.5





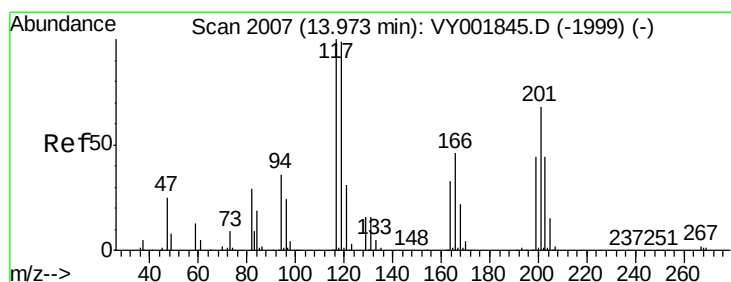
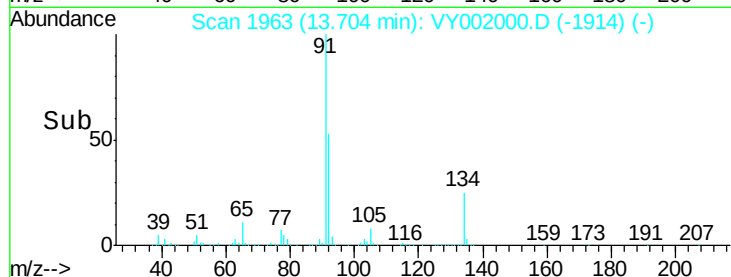
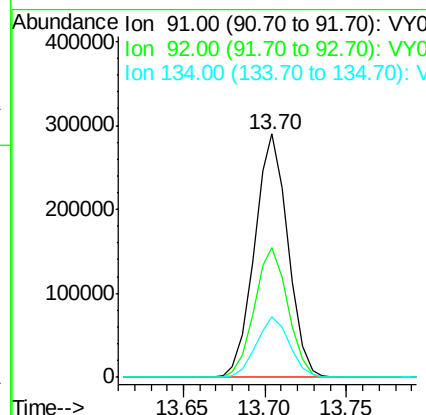
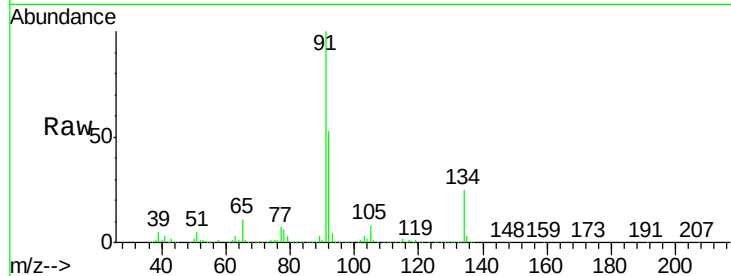
#89
n-Butylbenzene
Concen: 25.511 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VY002000.D
Acq: 17 Mar 2020 17:55

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.8	27.5	82.4
134	24.7	12.5	37.5

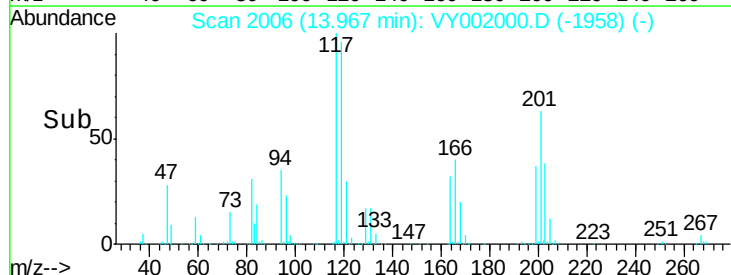
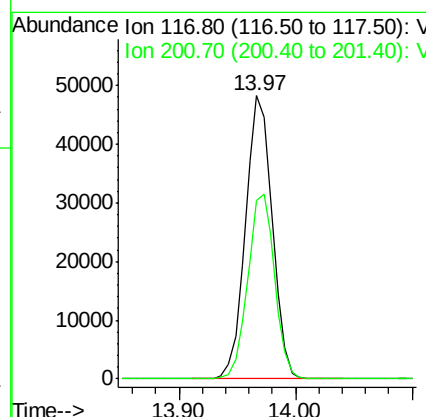
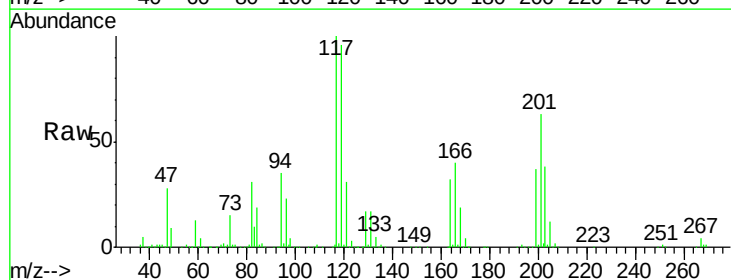
Manual Integrations
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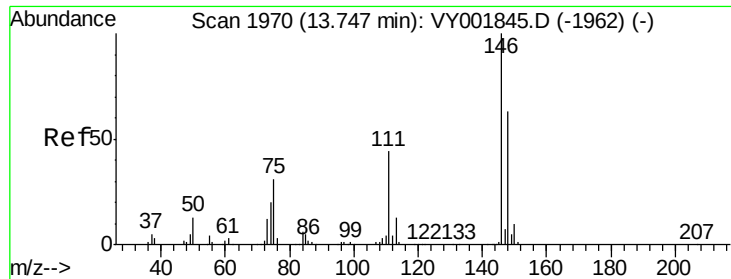
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3/18/2020 11:13:12 AM



#90
Hexachloroethane
Concen: 26.499 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. -0.01 min
Lab File: VY002000.D
Acq: 17 Mar 2020 17:55

Tgt Ion	Ratio	Lower	Upper
117	100		
201	65.2	32.5	97.5





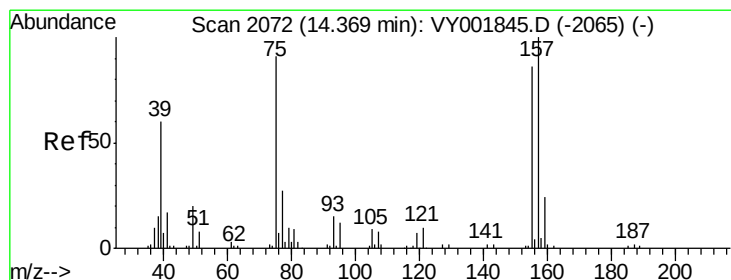
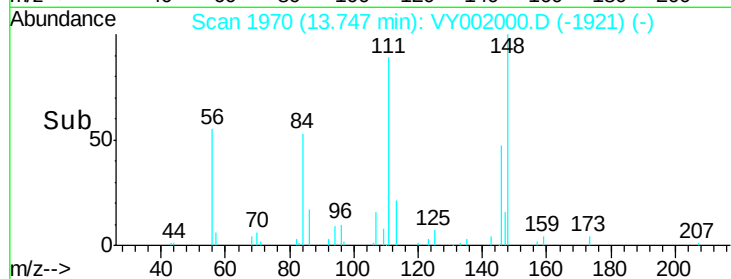
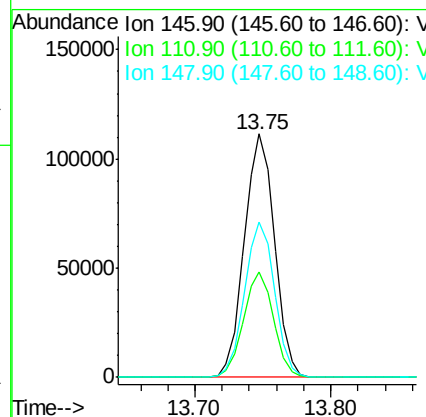
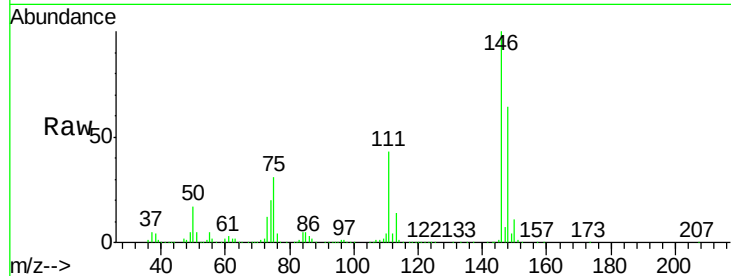
#91
 1,2-Dichlorobenzene
 Concen: 25.742 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: VY002000.D
 Acq: 17 Mar 2020 17:55

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.6	21.5	64.5
148	63.3	32.0	96.0

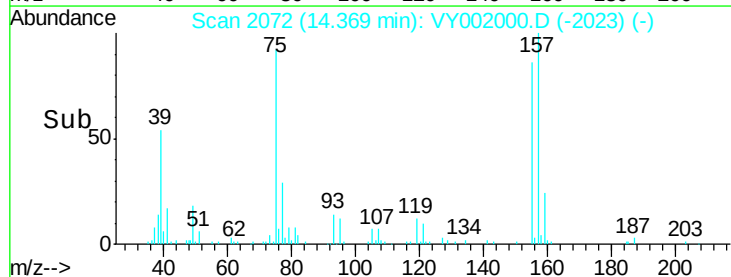
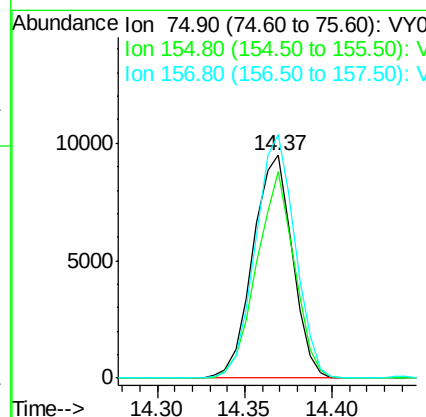
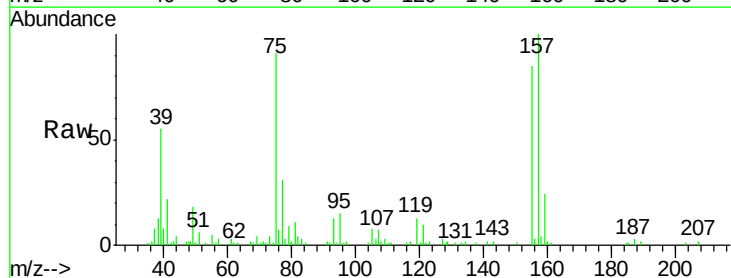
Manual Integrations
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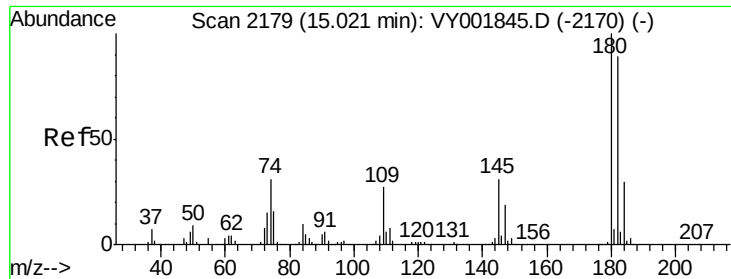
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 24.763 ug/l
 RT: 14.37 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VY002000.D
 Acq: 17 Mar 2020 17:55

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.3	42.9	128.7
157	109.2	53.1	159.4





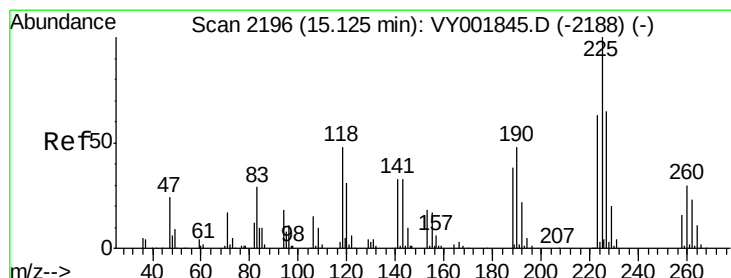
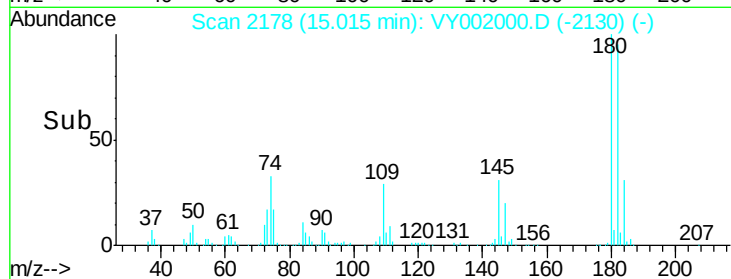
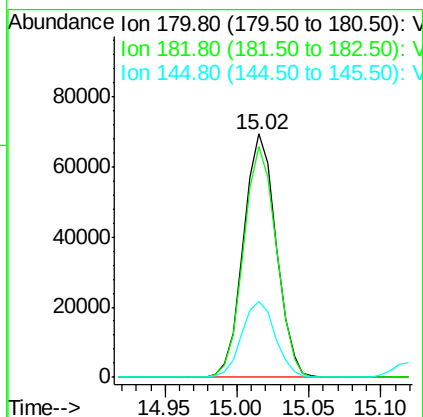
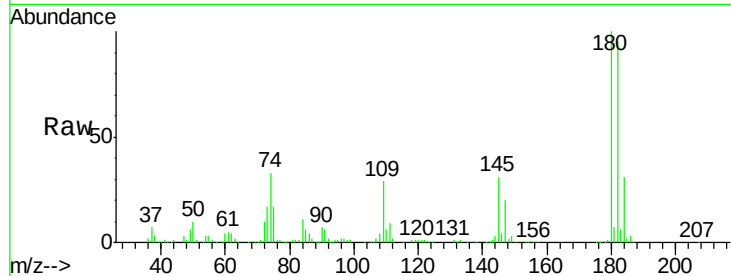
#93
1,2,4-Trichlorobenzene
Concen: 24.943 ug/l
RT: 15.02 min Scan# 2178
Delta R.T. -0.01 min
Lab File: VY002000.D
Acq: 17 Mar 2020 17:55

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.0	46.1	138.3
145	32.1	15.6	46.8

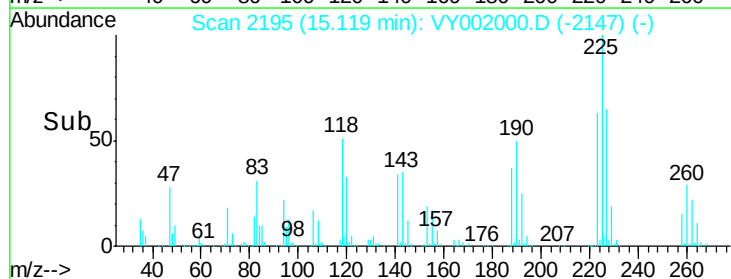
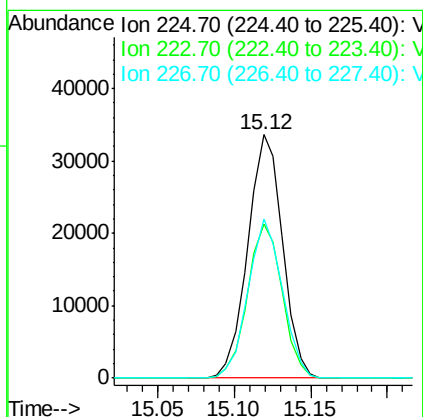
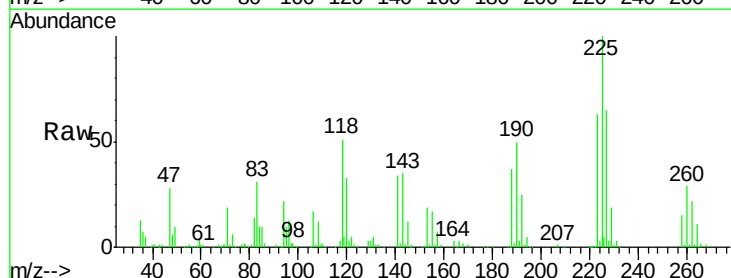
Manual Integrations
APPROVED

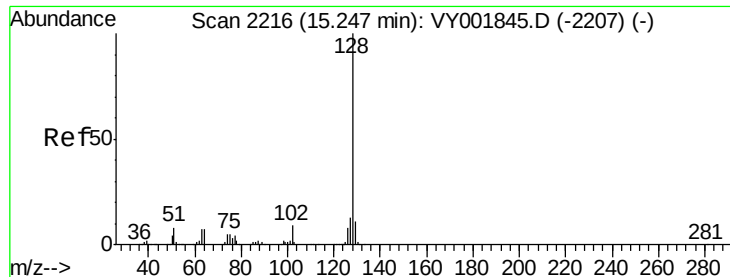
MMDadoda
3/18/2020 11:13:12 AM



#94
Hexachlorobutadiene
Concen: 25.040 ug/l
RT: 15.12 min Scan# 2195
Delta R.T. -0.01 min
Lab File: VY002000.D
Acq: 17 Mar 2020 17:55

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	31.5	94.5
227	64.4	31.9	95.5





#95

Naphthalene

Concen: 25.408 ug/l

RT: 15.25 min Scan# 2216

Delta R.T. 0.00 min

Lab File: VY002000.D

Acq: 17 Mar 2020 17:55

Instrument :

MSVOA_Y

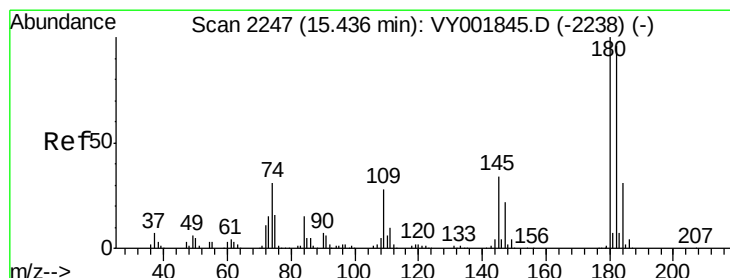
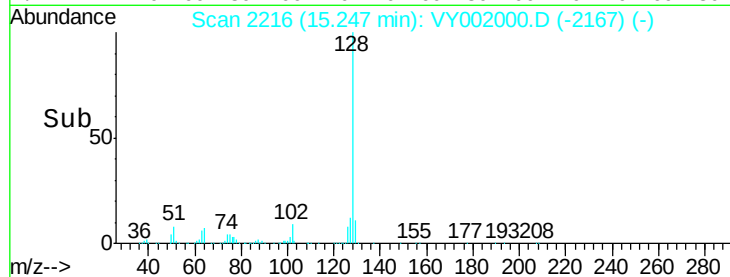
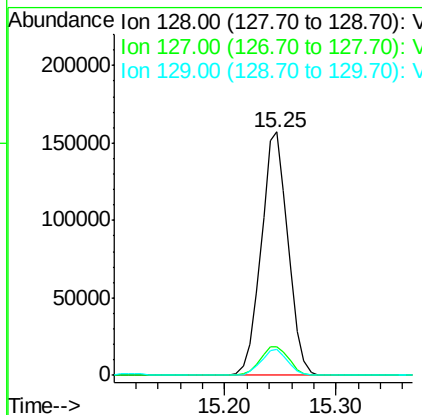
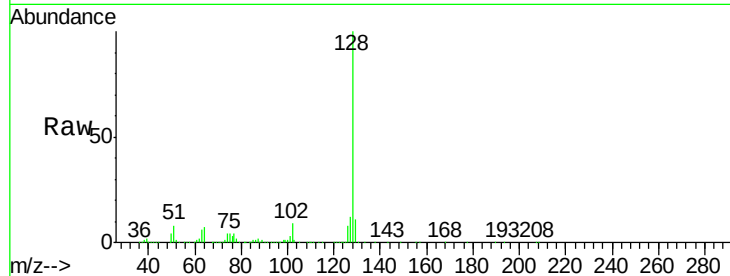
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	263332
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.1	15.1
129	10.8	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
3/18/2020 11:13:12 AM



#96

1,2,3-Trichlorobenzene

Concen: 25.258 ug/l

RT: 15.44 min Scan# 2247

Delta R.T. 0.00 min

Lab File: VY002000.D

Acq: 17 Mar 2020 17:55

Tgt Ion:	180	Resp:	97222
Ion Ratio	Lower	Upper	
180	100		
182	95.1	47.6	142.9
145	34.1	16.8	50.3

