

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY061820\
 Data File : VY002931.D
 Acq On : 18 Jun 2020 19:58
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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 6/19/2020 1:12:16 PM

Quant Time: Jun 19 06:27:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 13:13:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	302607	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	455846	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	426207	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	227641	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	132793	50.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.08%	
35) Dibromofluoromethane	7.72	113	138751	51.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.88%	
50) Toluene-d8	10.18	98	517340	47.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.80%	
62) 4-Bromofluorobenzene	12.48	95	188524	51.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	78816	37.853	ug/l	98
3) Chloromethane	2.12	50	95311	41.384	ug/l	99
4) Vinyl Chloride	2.26	62	105935	43.518	ug/l	98
5) Bromomethane	2.65	94	82678	45.322	ug/l	98
6) Chloroethane	2.80	64	74626	47.290	ug/l	98
7) Trichlorofluoromethane	3.13	101	201206	46.669	ug/l	99
8) Diethyl Ether	3.54	74	81506	48.416	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.91	101	127876	49.955	ug/l	99
10) Methyl Iodide	4.10	142	164466	45.916	ug/l	99
11) Tert butyl alcohol	4.97	59	74613	264.977	ug/l	99
12) 1,1-Dichloroethene	3.88	96	124015	48.174	ug/l	98
13) Acrolein	3.74	56	58660	190.511	ug/l	99
14) Allyl chloride	4.49	41	191311	51.815	ug/l	97
15) Acrylonitrile	5.18	53	208674	274.763	ug/l	100
16) Acetone	3.96	43	156513	254.035	ug/l	100
17) Carbon Disulfide	4.20	76	322849	41.502	ug/l	97
18) Methyl Acetate	4.49	43	89373	57.965	ug/l	100
19) Methyl tert-butyl Ether	5.24	73	380591	53.553	ug/l	100
20) Methylene Chloride	4.72	84	168067	55.820	ug/l	98
21) trans-1,2-Dichloroethene	5.23	96	139008	48.015	ug/l	98
22) Diisopropyl ether	6.13	45	414497	54.024	ug/l	95
23) Vinyl Acetate	6.07	43	1396852	275.753	ug/l	99
24) 1,1-Dichloroethane	6.03	63	237124	52.832	ug/l	100
25) 2-Butanone	7.00	43	258941	269.759	ug/l	98
26) 2,2-Dichloropropane	6.99	77	203625	47.305	ug/l	100
27) cis-1,2-Dichloroethene	7.00	96	165144	50.955	ug/l	100
28) Bromochloromethane	7.34	49	105446	57.230	ug/l	98
29) Tetrahydrofuran	7.36	42	171403	274.519	ug/l	99
30) Chloroform	7.52	83	250899	52.680	ug/l	97
31) Cyclohexane	7.79	56	198649	44.578	ug/l	99
32) 1,1,1-Trichloroethane	7.71	97	221333	49.871	ug/l	100
36) 1,1-Dichloropropene	7.93	75	181475	47.260	ug/l	99
37) Ethyl Acetate	7.08	43	114041	54.586	ug/l	99
38) Carbon Tetrachloride	7.91	117	201321	47.194	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	230423	45.526	ug/l	99
40) Benzene	8.17	78	557189	49.108	ug/l	99
41) Methacrylonitrile	7.33	41	67199m	59.872	ug/l	
42) 1,2-Dichloroethane	8.24	62	159282	50.092	ug/l	99
43) Isopropyl Acetate	8.28	43	213607	53.954	ug/l	99
44) Trichloroethene	8.94	130	171128	47.749	ug/l	97
45) 1,2-Dichloropropane	9.22	63	141902	52.152	ug/l	99
46) Dibromomethane	9.31	93	84199	52.105	ug/l	98
47) Bromodichloromethane	9.50	83	200880	52.731	ug/l	97
48) Methyl methacrylate	9.30	41	97551	54.582	ug/l	98
49) 1,4-Dioxane	9.30	88	24871	1002.372	ug/l	97
51) 4-Methyl-2-Pentanone	10.07	43	579852	276.590	ug/l	99
52) Toluene	10.24	92	364193	49.066	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	213853	51.395	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	241456	51.212	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	128879	52.095	ug/l	97
56) Ethyl methacrylate	10.51	69	176577	53.288	ug/l	99
57) 1,3-Dichloropropane	10.79	76	210410	51.709	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	435819	269.169	ug/l	99
59) 2-Hexanone	10.83	43	404346	271.835	ug/l	100
60) Dibromochloromethane	10.99	129	162538	51.821	ug/l	99
61) 1,2-Dibromoethane	11.09	107	126422	51.803	ug/l	100
64) Tetrachloroethene	10.72	164	177751	45.888	ug/l	98
65) Chlorobenzene	11.52	112	416321	49.421	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	160502	50.589	ug/l	98
67) Ethyl Benzene	11.59	91	711760	48.737	ug/l	100
68) m/p-Xylenes	11.70	106	546800	96.570	ug/l	100
69) o-Xylene	12.03	106	264267	49.439	ug/l	100
70) Styrene	12.04	104	464688	50.148	ug/l	100
71) Bromoform	12.20	173	110728	52.159	ug/l	100
73) Isopropylbenzene	12.33	105	712427	48.836	ug/l	100
74) N-amyl acetate	12.14	43	199705	53.353	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	141686	55.355	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	105425m	51.397	ug/l	
77) Bromobenzene	12.61	156	186309	49.047	ug/l	98
78) n-propylbenzene	12.67	91	818941	48.599	ug/l	100
79) 2-Chlorotoluene	12.75	91	464367	49.126	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	596138	48.942	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	56596	51.983	ug/l	99
82) 4-Chlorotoluene	12.85	91	484796	48.952	ug/l	100
83) tert-Butylbenzene	13.08	119	537008	49.425	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	597937	48.821	ug/l	100
85) sec-Butylbenzene	13.25	105	718278	48.349	ug/l	100
86) p-Isopropyltoluene	13.37	119	679105	49.127	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	355224	49.369	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	350642	48.716	ug/l	100
89) n-Butylbenzene	13.69	91	605425	48.240	ug/l	100
90) Hexachloroethane	13.96	117	128992	49.845	ug/l	98
91) 1,2-Dichlorobenzene	13.73	146	327427	50.178	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	26480	53.773	ug/l	98

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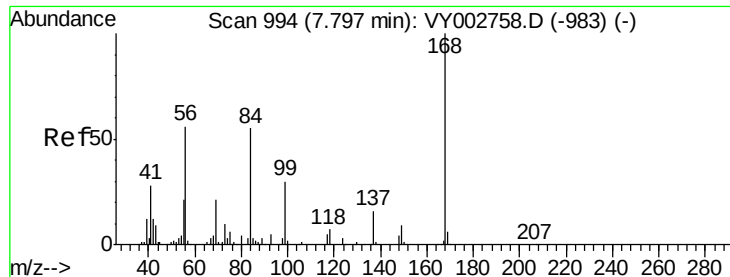
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	241603	49.121	ug/l	100
94) Hexachlorobutadiene	15.11	225	135132	48.440	ug/l	99
95) Naphthalene	15.23	128	508550	51.568	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	217071	49.422	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002931.D

Acq: 18 Jun 2020 19:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 302607

Ion Ratio Lower Upper

168 100

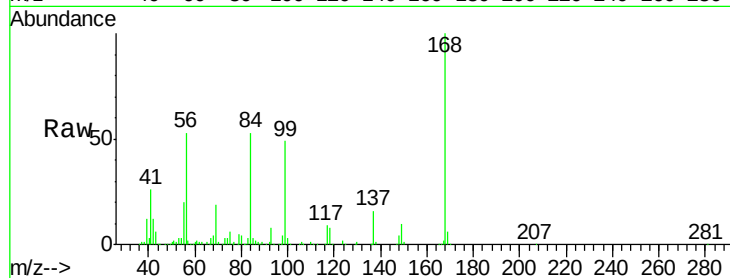
99 48.6 39.0 58.4

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Abundance Ion 167.90 (167.60 to 168.60): VY002758.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY002758.D (-983) (-)

7.80

150000

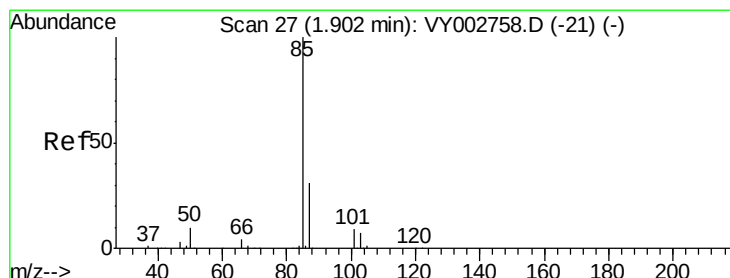
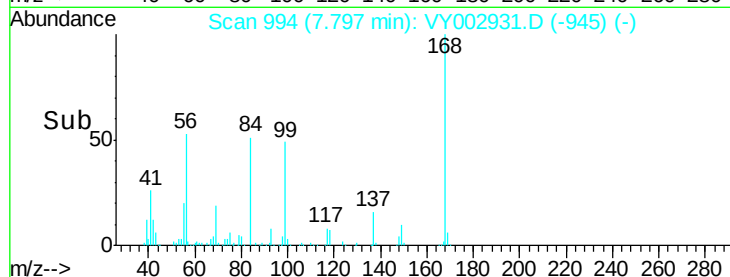
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50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 37.853 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY002931.D

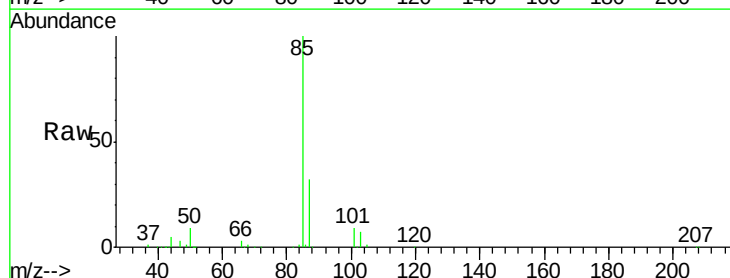
Acq: 18 Jun 2020 19:58

Tgt Ion: 85 Resp: 78816

Ion Ratio Lower Upper

85 100

87 32.4 15.5 46.5



Abundance Ion 84.90 (84.60 to 85.60): VY002758.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY002758.D (-21) (-)

1.91

60000

50000

40000

30000

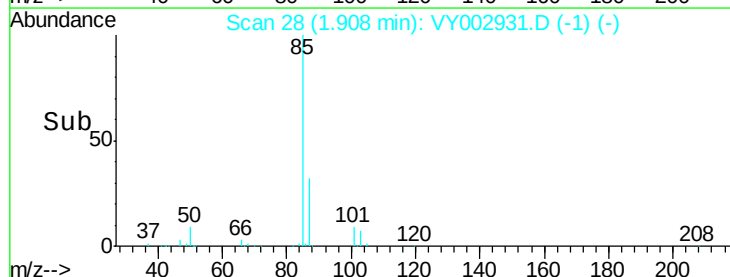
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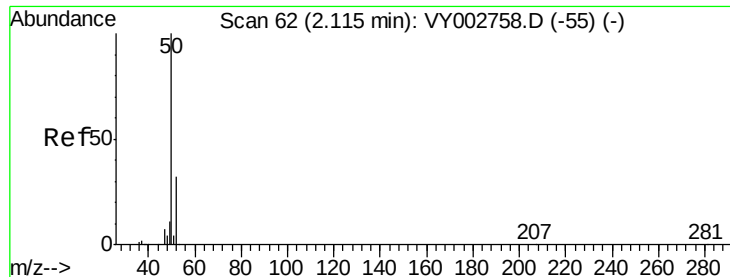
10000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 41.384 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY002931.D

Acq: 18 Jun 2020 19:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 95311

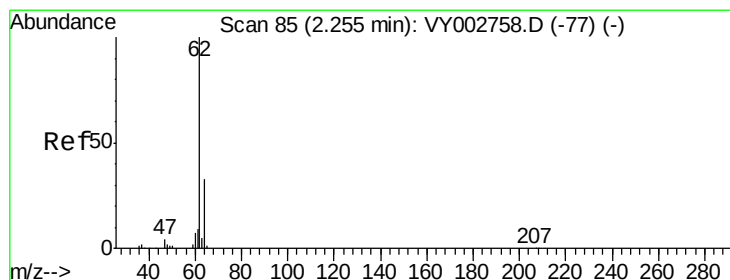
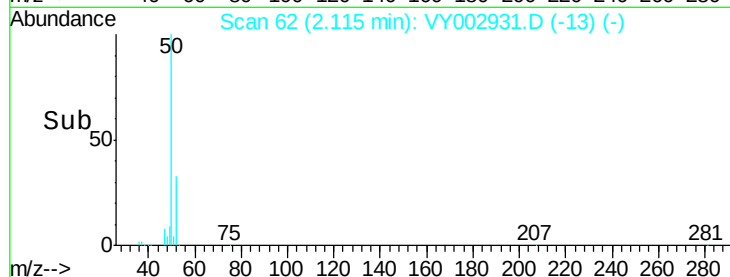
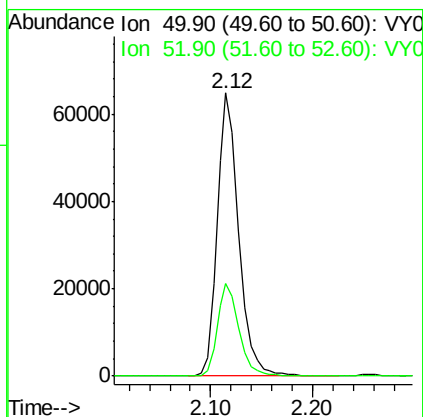
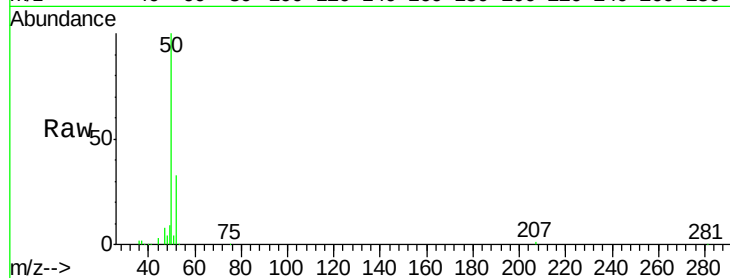
Ion Ratio Lower Upper

50 100

52 32.8 25.8 38.6

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#4

Vinyl Chloride

Concen: 43.518 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.00 min

Lab File: VY002931.D

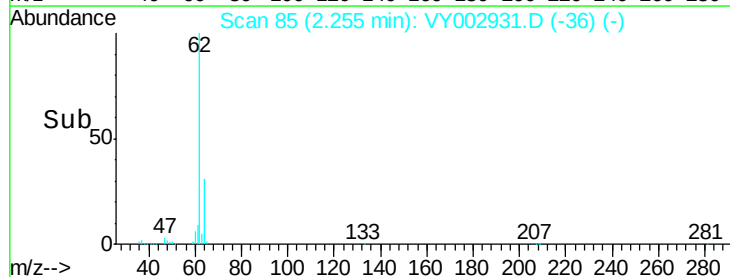
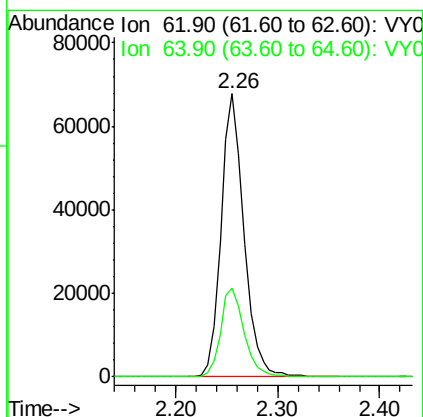
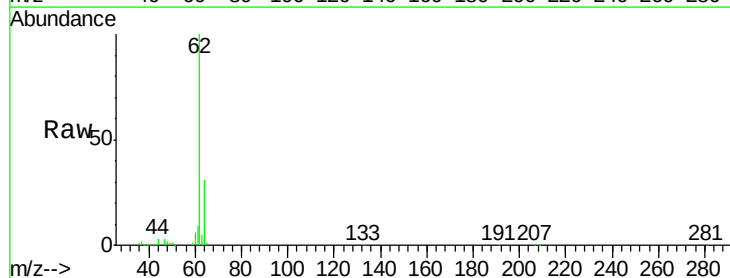
Acq: 18 Jun 2020 19:58

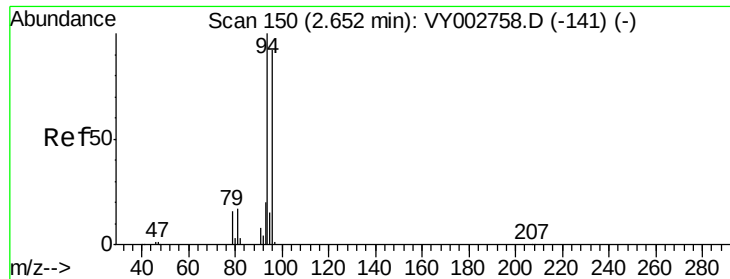
Tgt Ion: 62 Resp: 105935

Ion Ratio Lower Upper

62 100

64 31.4 26.1 39.1





#5

Bromomethane

Concen: 45.322 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.00 min

Lab File: VY002931.D

Acq: 18 Jun 2020 19:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 82678

Ion Ratio Lower Upper

94 100

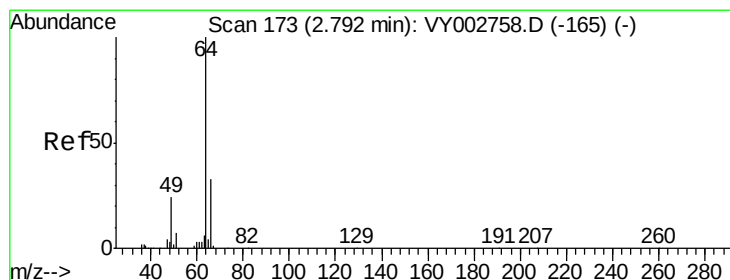
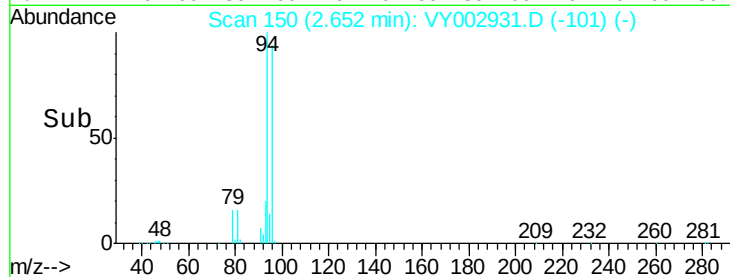
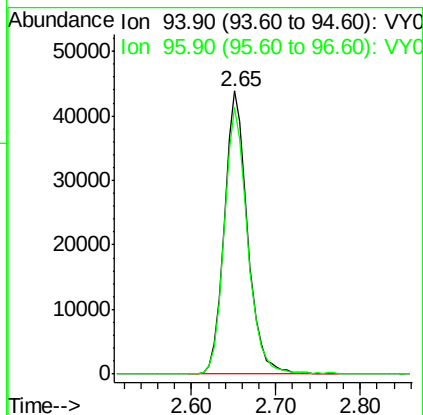
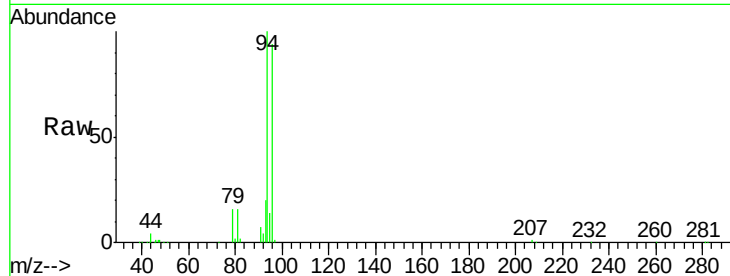
96 94.2 73.7 110.5

Manual Integrations

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#6

Chloroethane

Concen: 47.290 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.01 min

Lab File: VY002931.D

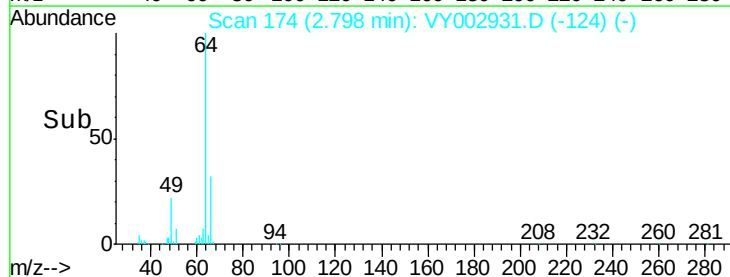
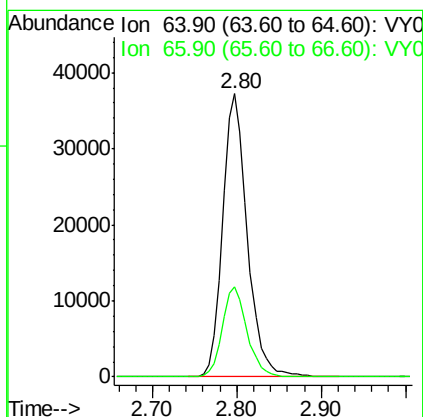
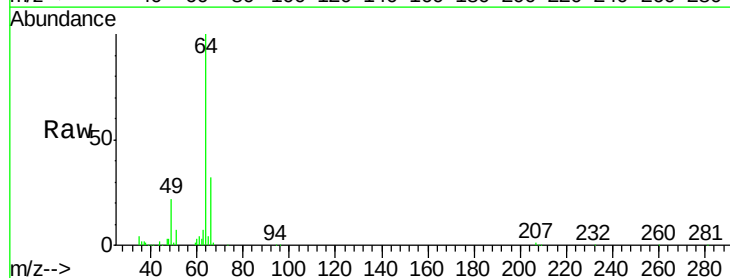
Acq: 18 Jun 2020 19:58

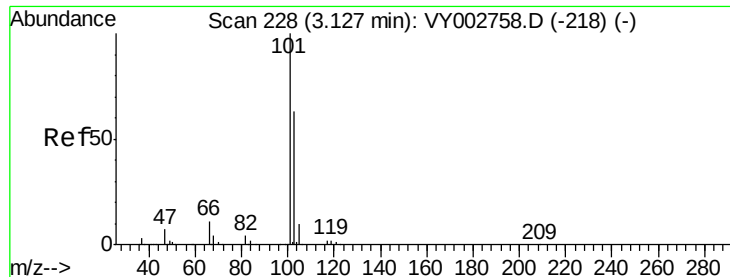
Tgt Ion: 64 Resp: 74626

Ion Ratio Lower Upper

64 100

66 31.7 26.4 39.6





#7

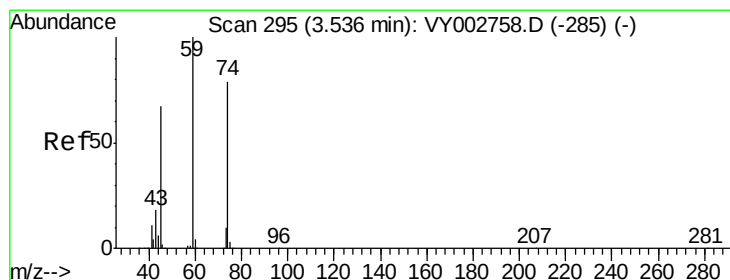
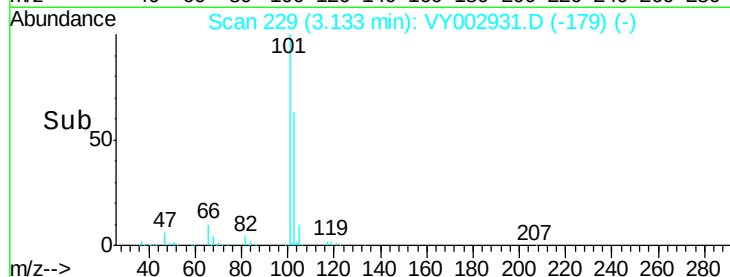
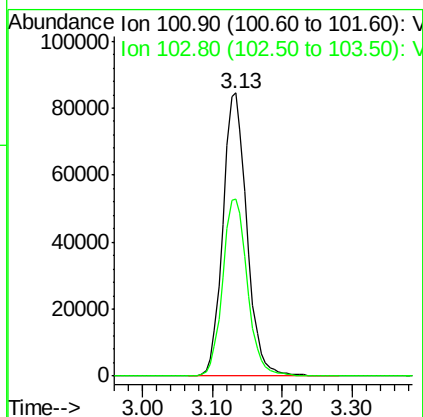
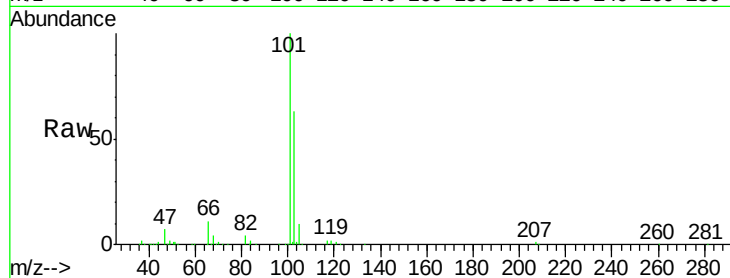
Trichlorofluoromethane
Concen: 46.669 ug/l
RT: 3.13 min Scan# 229
Delta R.T. 0.01 min
Lab File: VY002931.D
Acq: 18 Jun 2020 19:58

Instrument :
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ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.6	50.6	76.0

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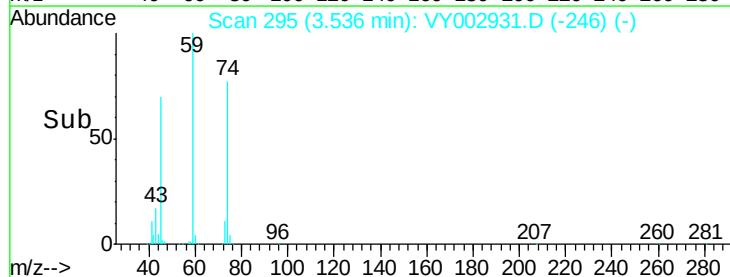
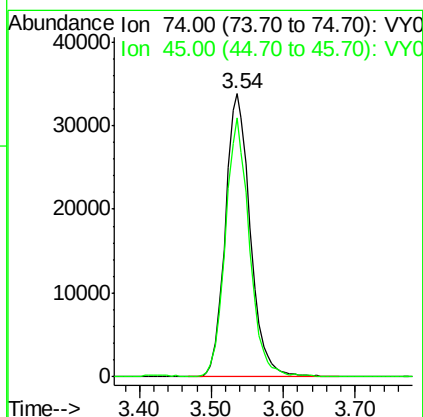
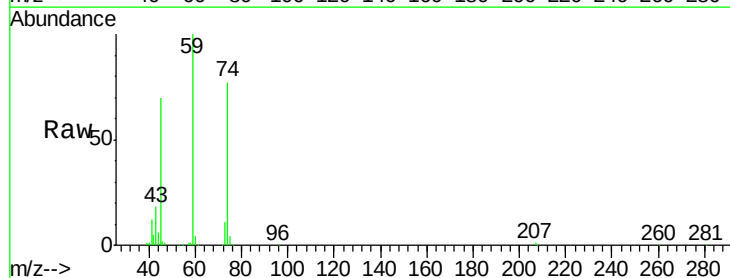
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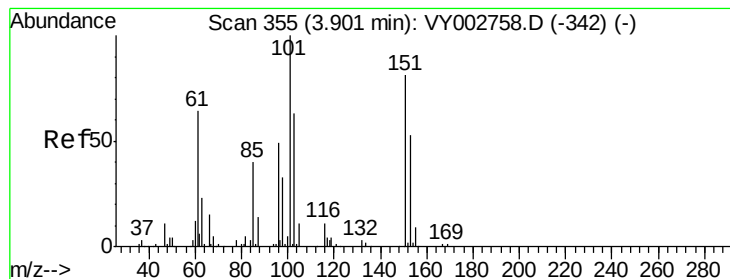


#8

Diethyl Ether
Concen: 48.416 ug/l
RT: 3.54 min Scan# 295
Delta R.T. 0.00 min
Lab File: VY002931.D
Acq: 18 Jun 2020 19:58

Tgt Ion	Ratio	Lower	Upper
74	100		
45	88.2	44.0	131.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.955 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY002931.D

Acq: 18 Jun 2020 19:58

Instrument :

MSVOA_Y

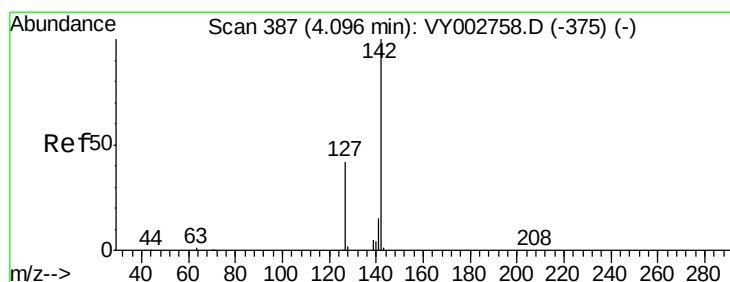
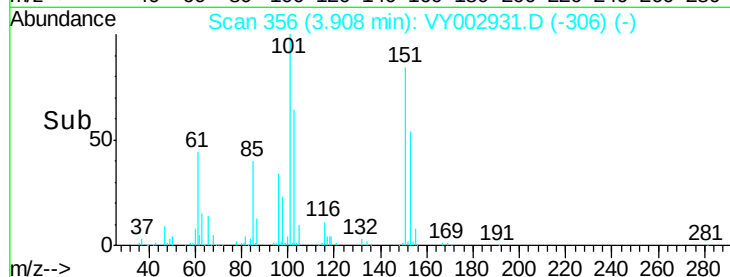
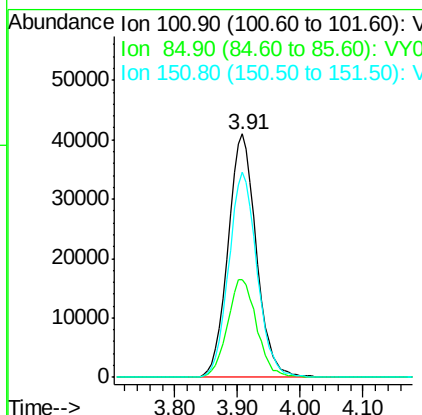
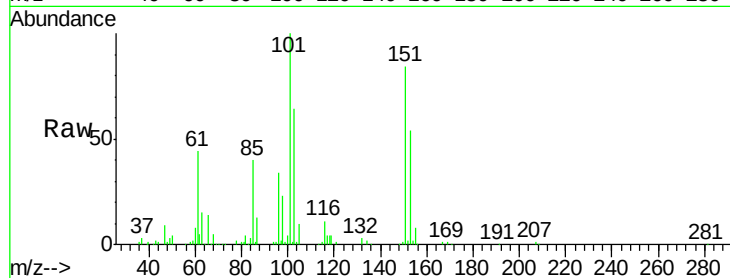
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	127876
Ion Ratio	Lower	Upper	
101	100		
85	41.6	32.7	49.1
151	84.3	68.0	102.0

Manual Integrations
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#10

Methyl Iodide

Concen: 45.916 ug/l

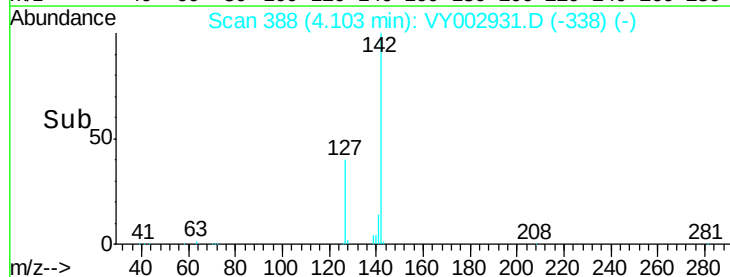
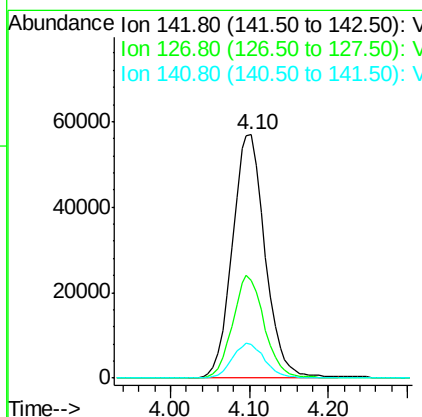
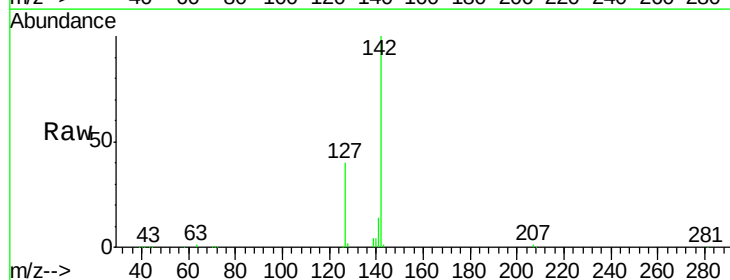
RT: 4.10 min Scan# 388

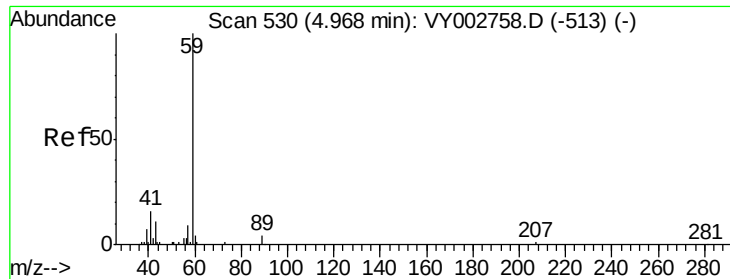
Delta R.T. 0.01 min

Lab File: VY002931.D

Acq: 18 Jun 2020 19:58

Tgt Ion:	142	Resp:	164466
Ion Ratio	Lower	Upper	
142	100		
127	40.7	33.3	49.9
141	14.1	11.5	17.3





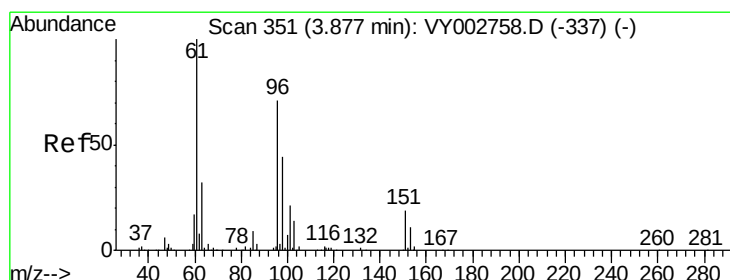
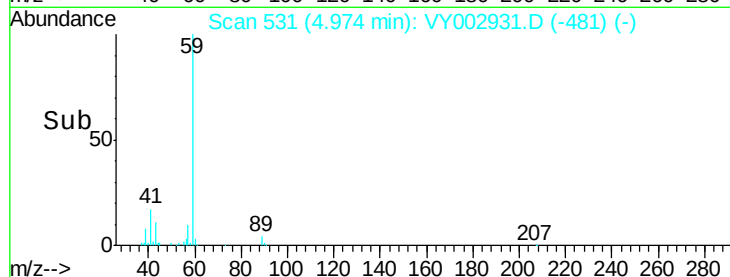
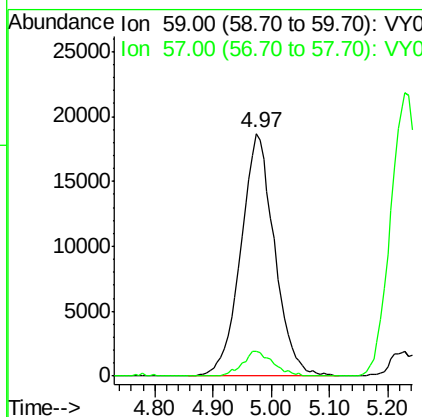
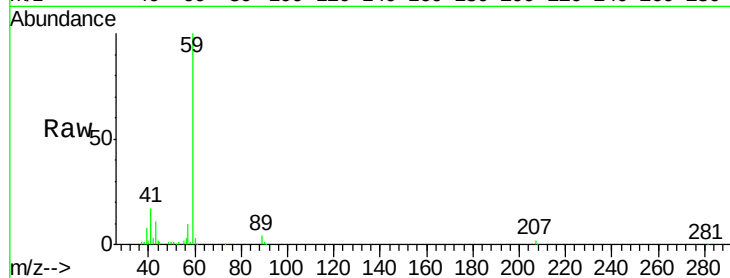
#11
Tert butyl alcohol
Concen: 264.977 ug/l
RT: 4.97 min Scan# 531
Delta R.T. 0.01 min
Lab File: VY002931.D
Acq: 18 Jun 2020 19:58

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 59 Resp: 74613
Ion Ratio Lower Upper
59 100
57 9.3 7.7 11.5

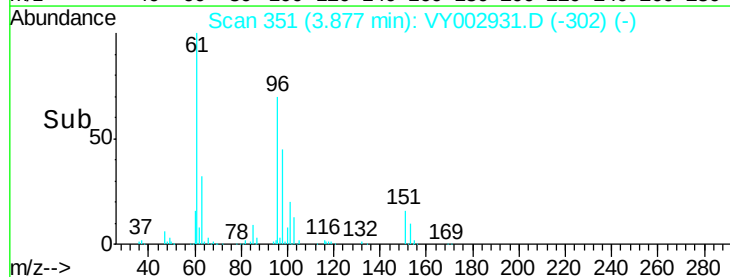
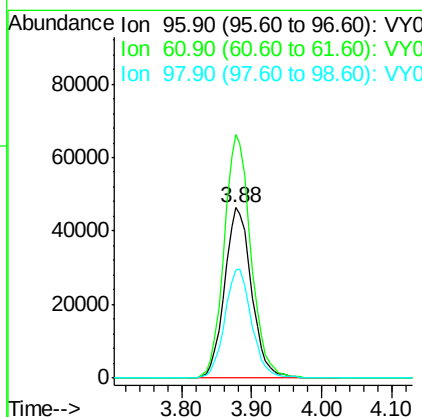
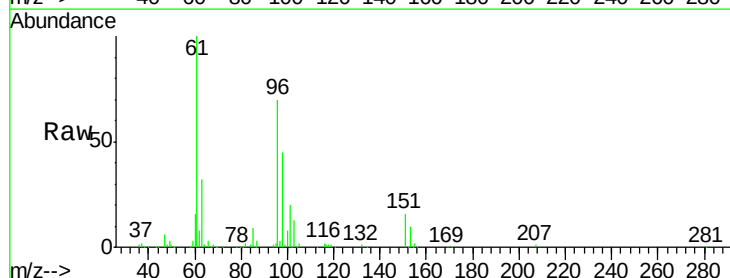
Manual Integrations
APPROVED

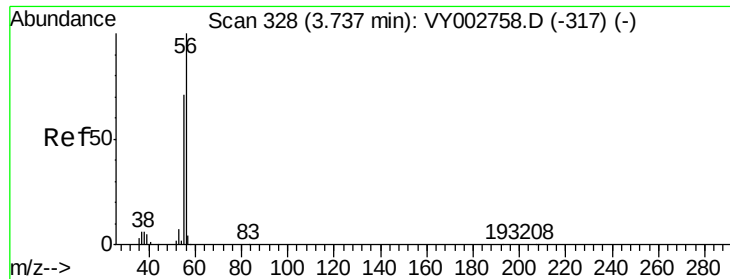
MMDadoda
6/19/2020 1:12:16 PM



#12
1,1-Dichloroethene
Concen: 48.174 ug/l
RT: 3.88 min Scan# 351
Delta R.T. 0.00 min
Lab File: VY002931.D
Acq: 18 Jun 2020 19:58

Tgt Ion: 96 Resp: 124015
Ion Ratio Lower Upper
96 100
61 142.9 112.6 168.8
98 63.6 50.0 75.0





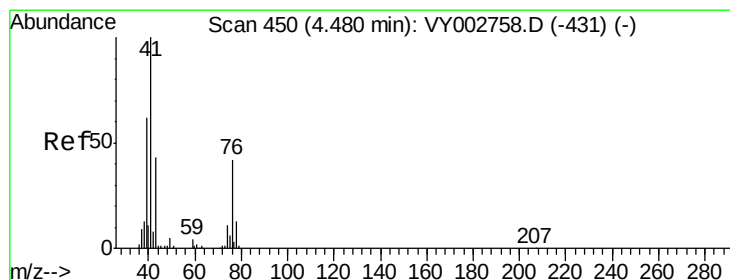
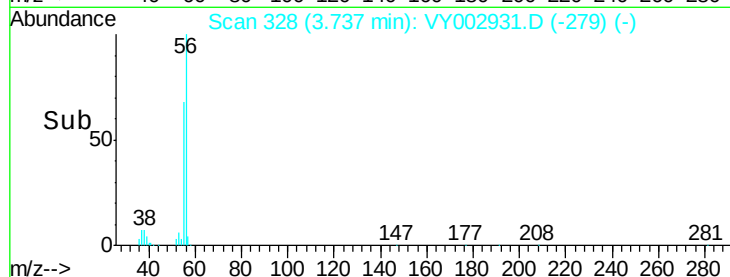
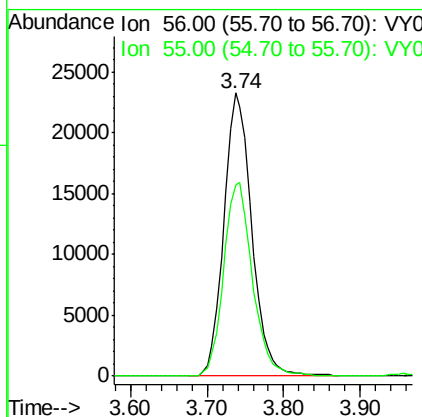
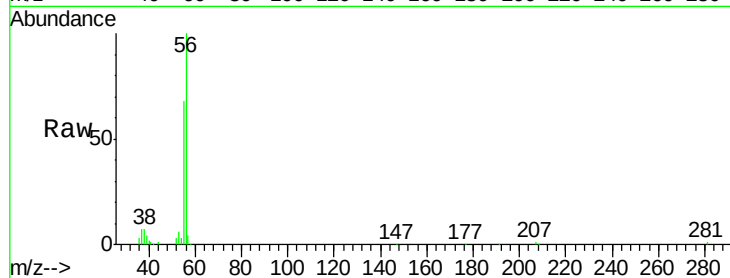
#13
Acrolein
Concen: 190.511 ug/l
RT: 3.74 min Scan# 328
Delta R.T. 0.00 min
Lab File: VY002931.D
Acq: 18 Jun 2020 19:58

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	56	Resp	58660
Ion Ratio	100	Lower	Upper
55	70.7	56.0	84.0

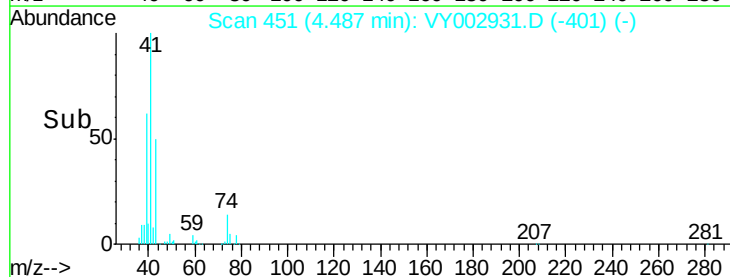
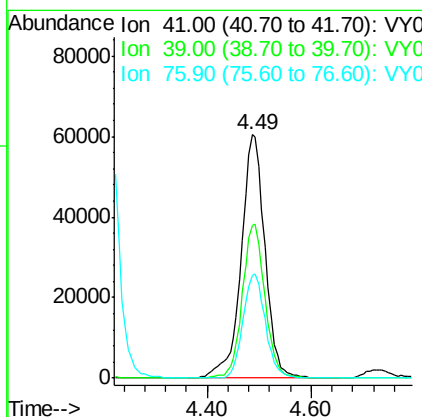
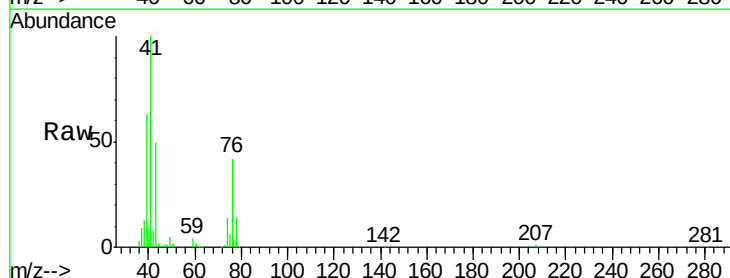
Manual Integrations
APPROVED

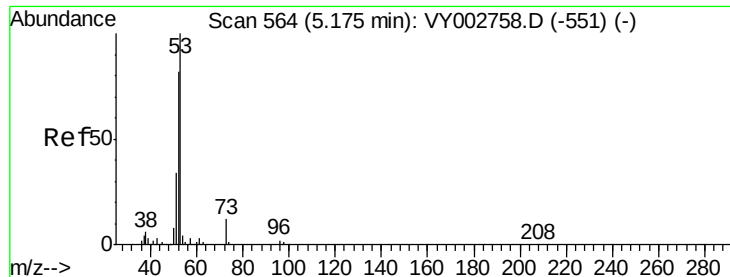
MMDadoda
6/19/2020 1:12:16 PM



#14
Allyl chloride
Concen: 51.815 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.01 min
Lab File: VY002931.D
Acq: 18 Jun 2020 19:58

Tgt Ion	41	Resp	191311
Ion Ratio	100	Lower	Upper
39	60.0	49.9	74.9
76	40.2	33.2	49.8





#15

Acrylonitrile

Concen: 274.763 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY002931.D

Acq: 18 Jun 2020 19:58

Instrument :

MSVOA_Y

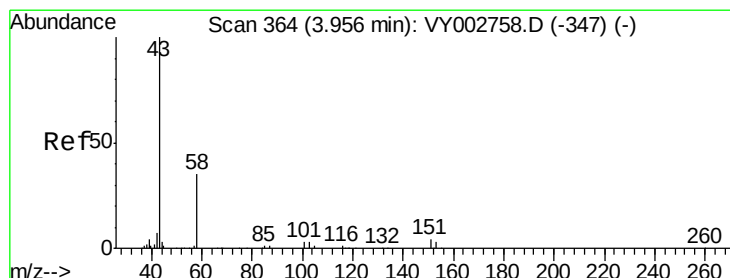
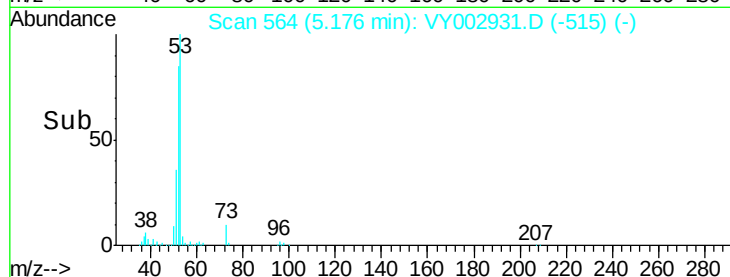
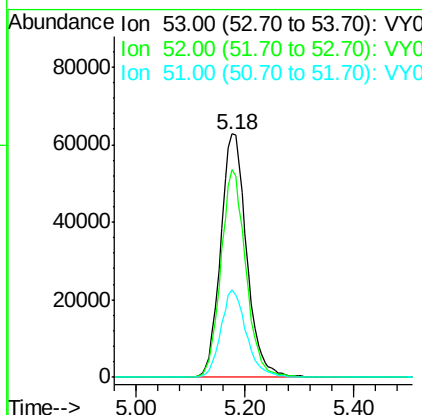
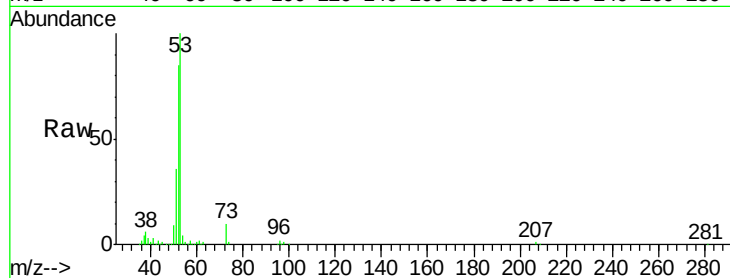
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	208674
Ion Ratio	Lower	Upper	
53	100		
52	81.4	65.3	97.9
51	35.2	28.0	42.0

Manual Integrations
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6/19/2020 1:12:16 PM



#16

Acetone

Concen: 254.035 ug/l

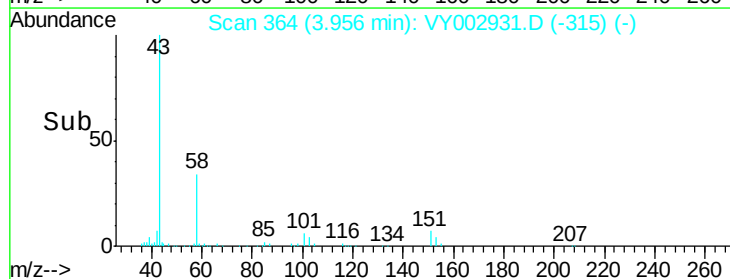
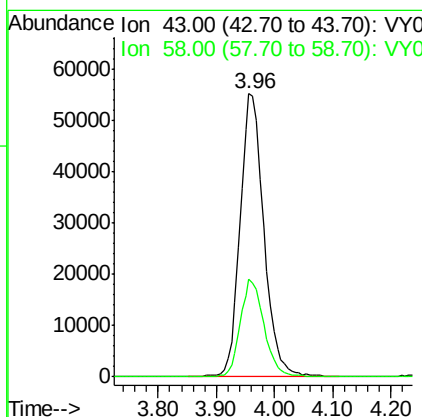
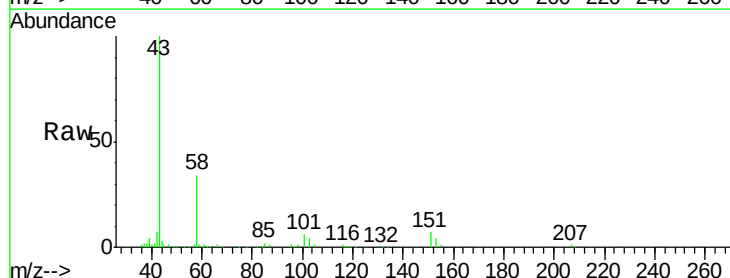
RT: 3.96 min Scan# 364

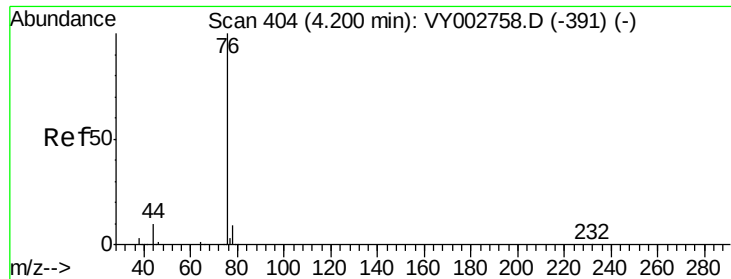
Delta R.T. 0.00 min

Lab File: VY002931.D

Acq: 18 Jun 2020 19:58

Tgt Ion:	43	Resp:	156513
Ion Ratio	Lower	Upper	
43	100		
58	34.4	27.7	41.5





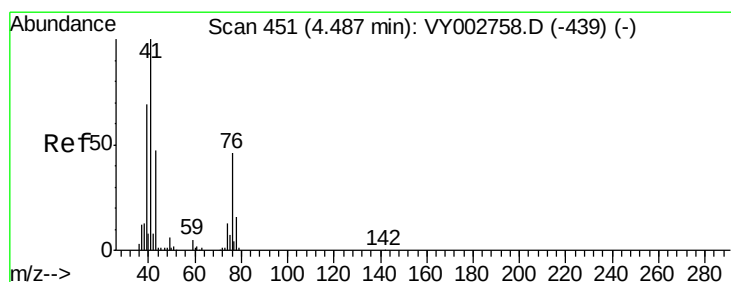
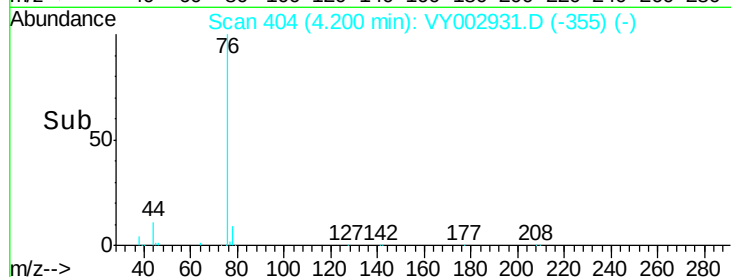
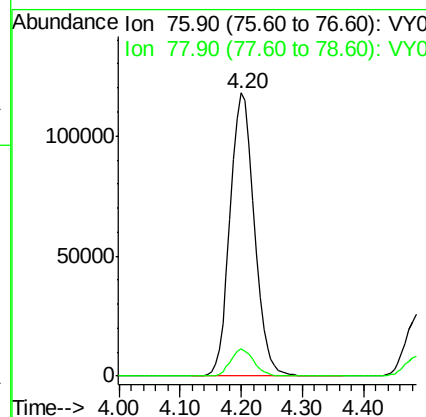
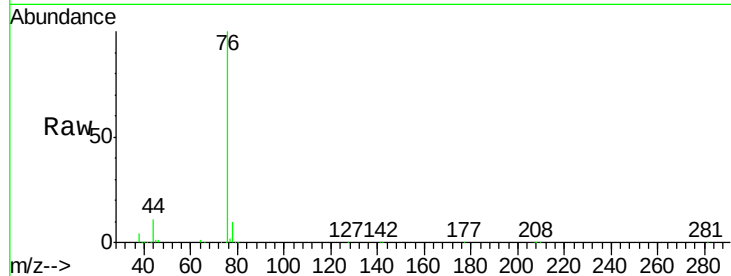
#17
Carbon Disulfide
Concen: 41.502 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.00 min
Lab File: VY002931.D
Acq: 18 Jun 2020 19:58

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.6	6.9	10.3

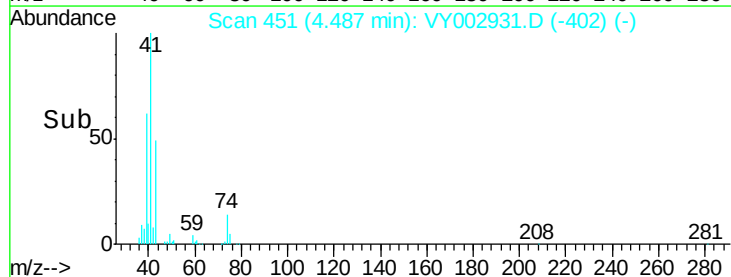
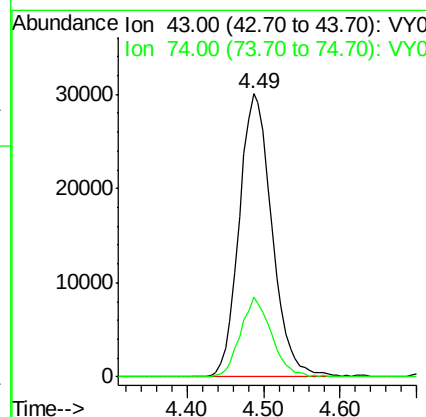
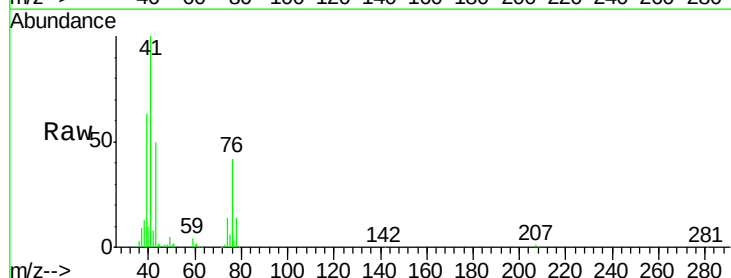
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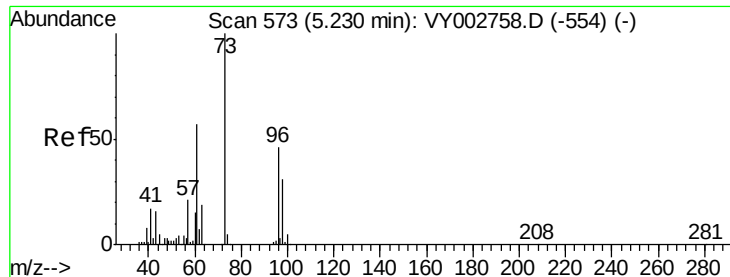
MMDadoda
6/19/2020 1:12:16 PM



#18
Methyl Acetate
Concen: 57.965 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.00 min
Lab File: VY002931.D
Acq: 18 Jun 2020 19:58

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.7	21.4	32.0





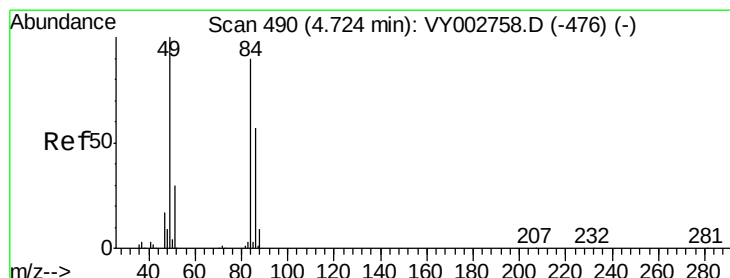
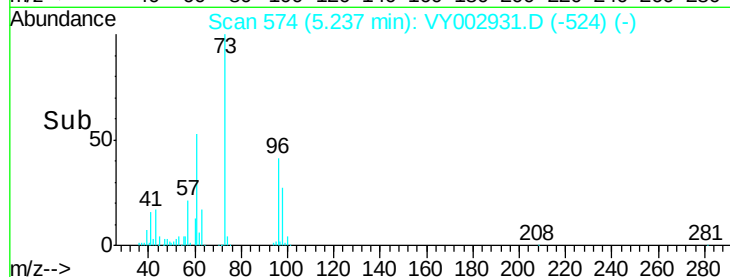
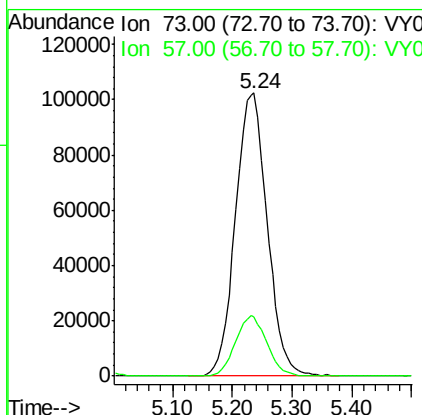
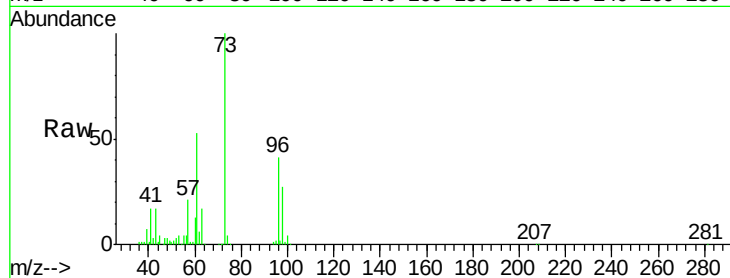
#19
Methyl tert-butyl Ether
Concen: 53.553 ug/l
RT: 5.24 min Scan# 574
Delta R.T. 0.01 min
Lab File: VY002931.D
Acq: 18 Jun 2020 19:58

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.2	17.0	25.4

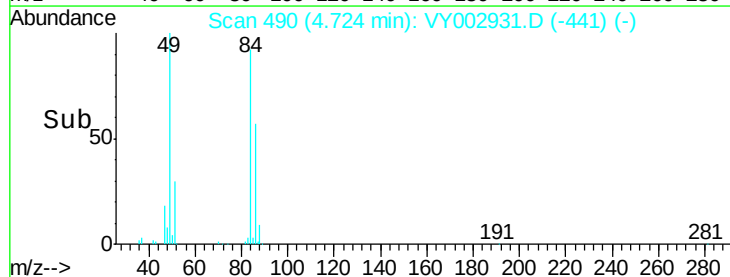
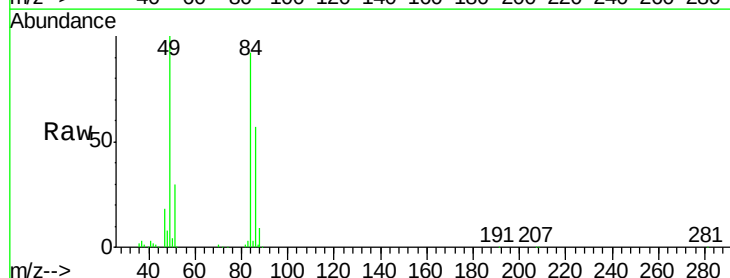
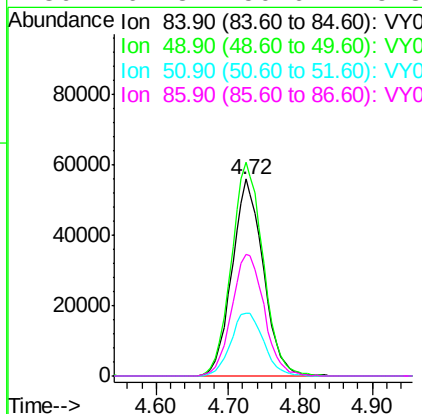
Manual Integrations
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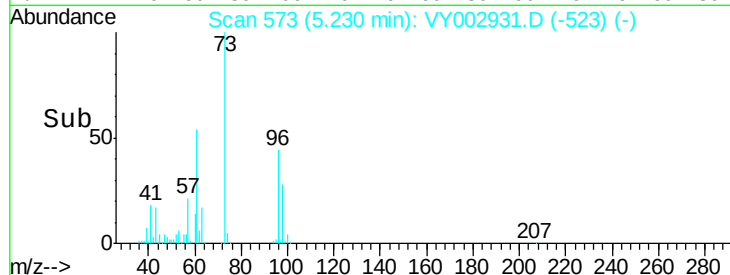
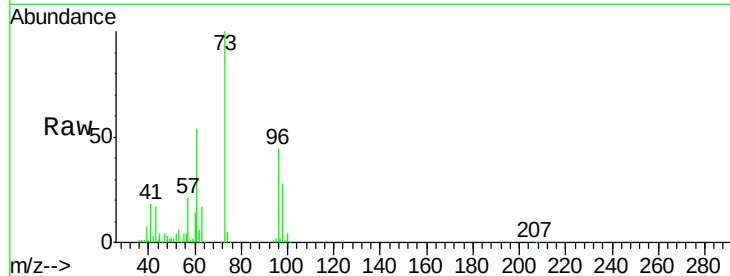
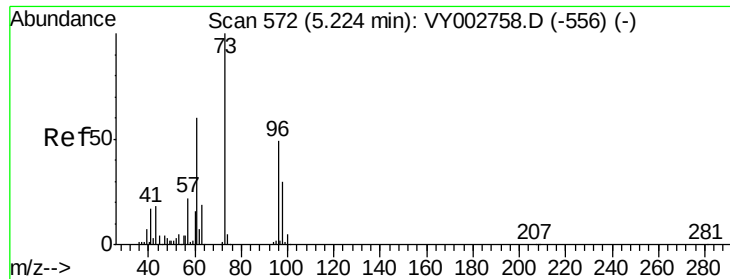
MMDadoda
6/19/2020 1:12:16 PM



#20
Methylene Chloride
Concen: 55.820 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY002931.D
Acq: 18 Jun 2020 19:58

Tgt Ion	Ratio	Lower	Upper
84	100		
49	108.4	88.5	132.7
51	32.1	26.8	40.2
86	61.8	50.6	75.8





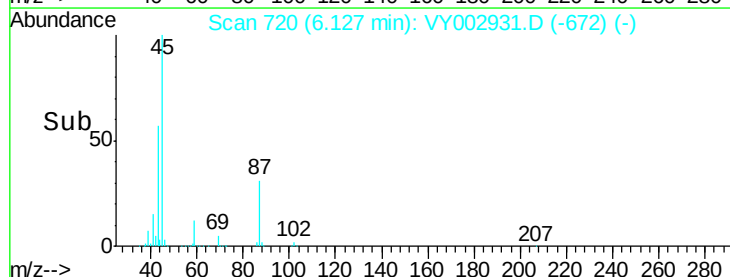
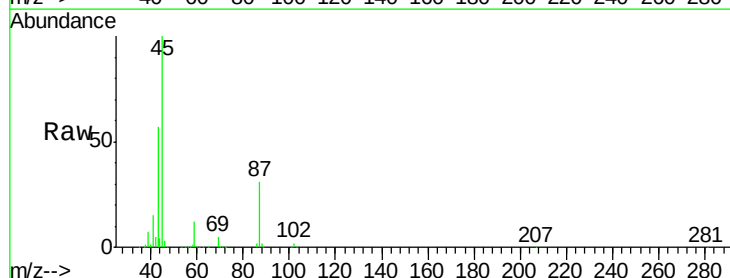
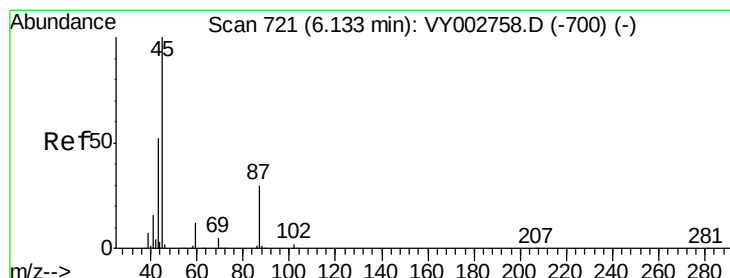
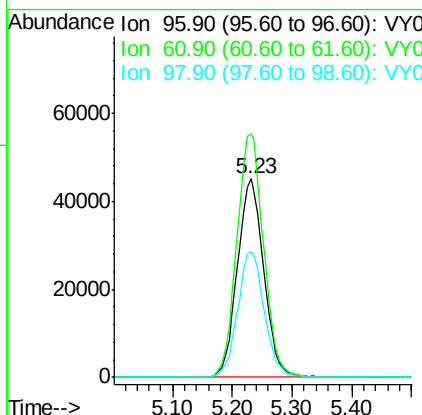
#21
trans-1,2-Dichloroethene
Concen: 48.015 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.01 min
Lab File: VY002931.D
Acq: 18 Jun 2020 19:58

Tot Ion	Ratio	Lower	Upper
96	100		
61	122.8	96.8	145.2
98	63.8	49.4	74.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

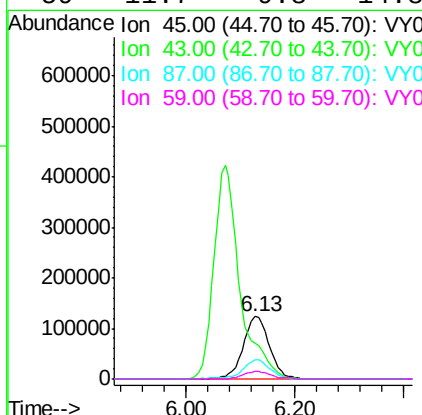
Manual Integrations
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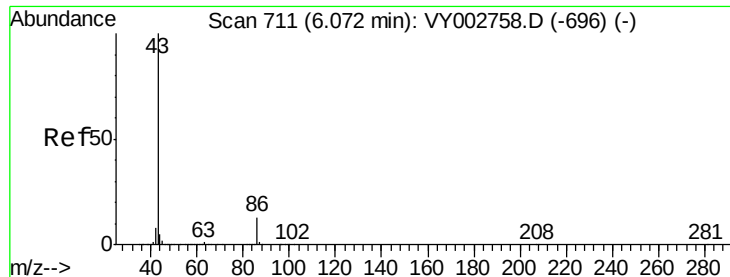
MMDadoda
6/19/2020 1:12:16 PM



#22
Diisopropyl ether
Concen: 54.024 ug/l
RT: 6.13 min Scan# 720
Delta R.T. -0.01 min
Lab File: VY002931.D
Acq: 18 Jun 2020 19:58

Tgt Ion	Ratio	Lower	Upper
45	100		
43	57.1	41.7	62.5
87	31.0	24.2	36.2
59	11.7	9.8	14.8





#23

Vinyl Acetate

Concen: 275.753 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.00 min

Lab File: VY002931.D

Acq: 18 Jun 2020 19:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1396852

Ion Ratio Lower Upper

43 100

86 12.3

10.2

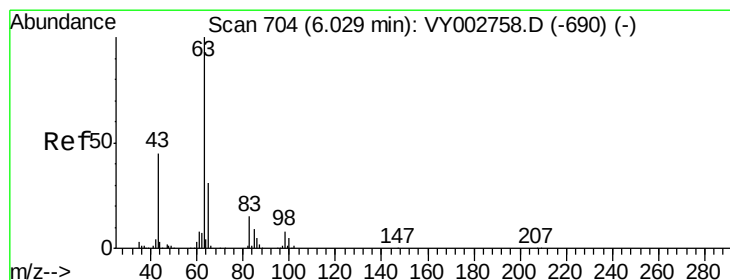
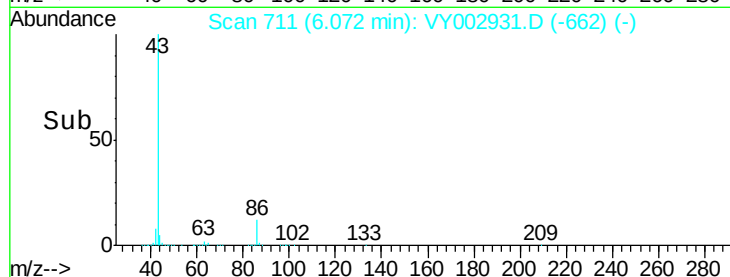
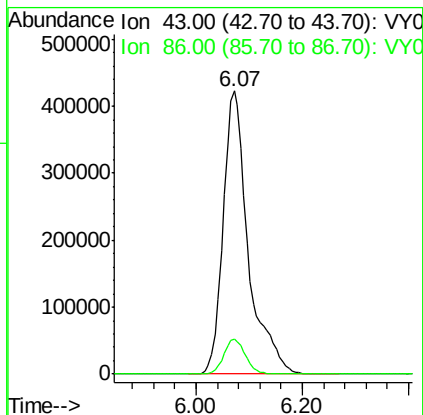
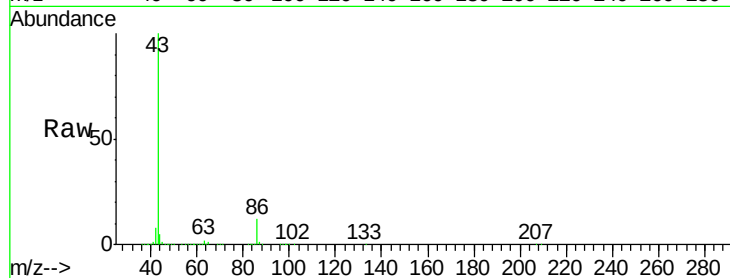
15.2

Manual Integrations

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6/19/2020 1:12:16 PM



#24

1,1-Dichloroethane

Concen: 52.832 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: VY002931.D

Acq: 18 Jun 2020 19:58

Tgt Ion: 63 Resp: 237124

Ion Ratio Lower Upper

63 100

98 8.2

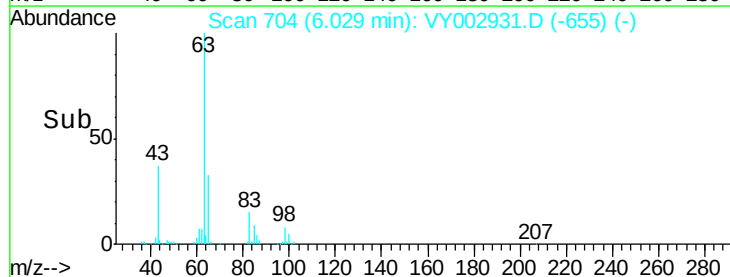
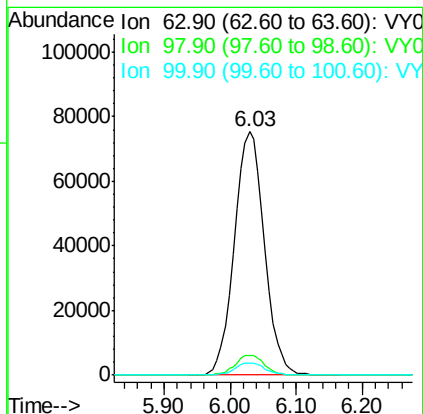
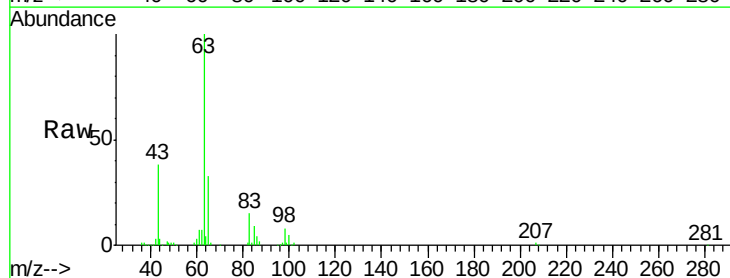
4.0

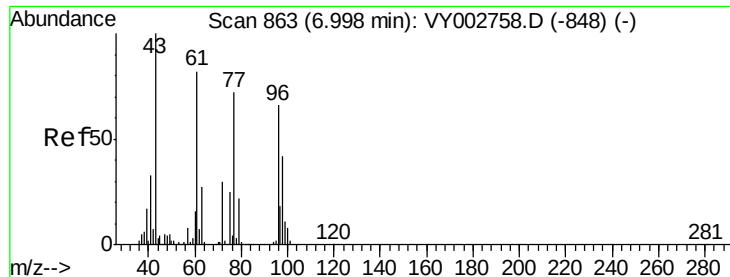
12.2

100 4.7

2.4

7.1





#25

2-Butanone

Concen: 269.759 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.00 min

Lab File: VY002931.D

Acq: 18 Jun 2020 19:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 258941

Ion Ratio Lower Upper

43 100

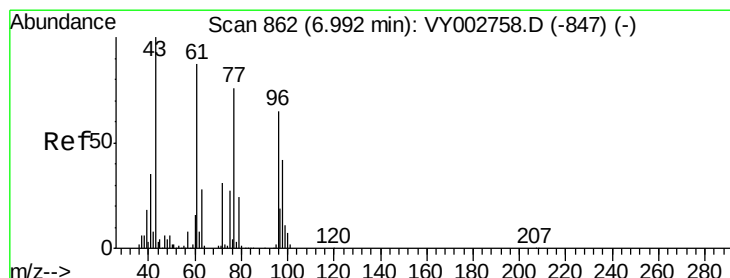
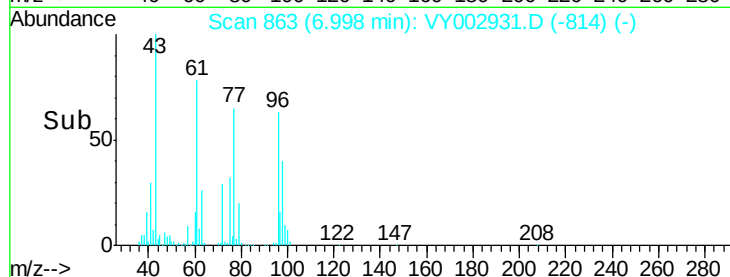
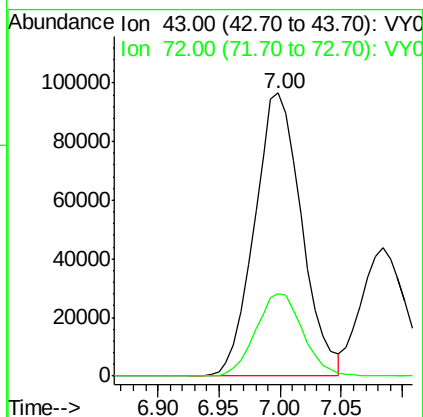
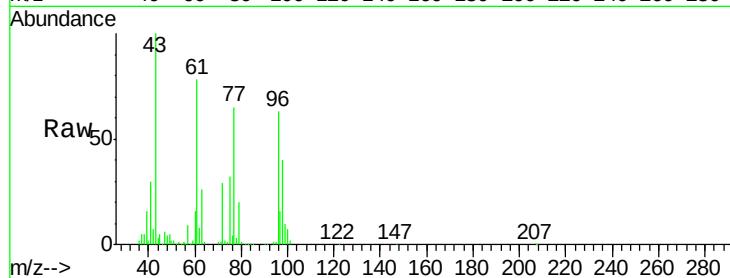
72 29.1 23.9 35.9

Manual Integrations

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MMDadoda

6/19/2020 1:12:16 PM



#26

2,2-Dichloropropane

Concen: 47.305 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY002931.D

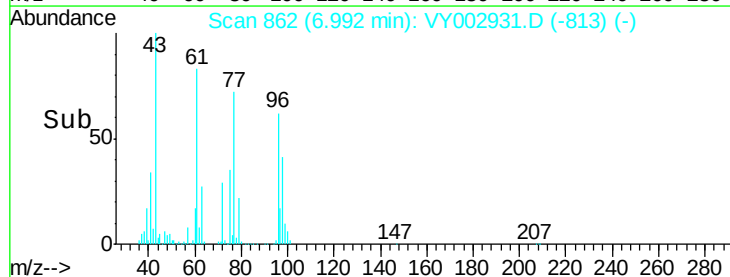
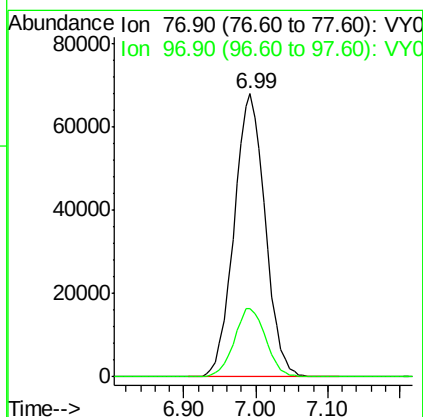
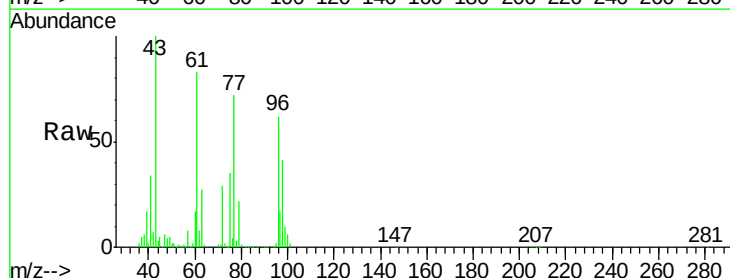
Acq: 18 Jun 2020 19:58

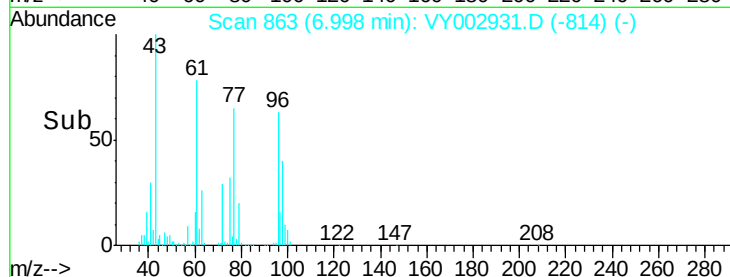
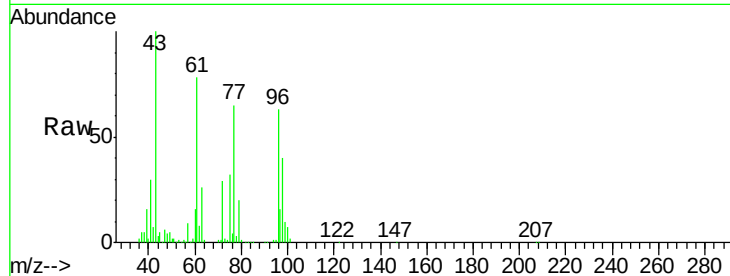
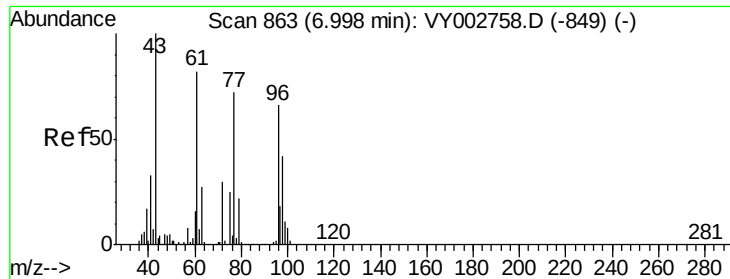
Tgt Ion: 77 Resp: 203625

Ion Ratio Lower Upper

77 100

97 24.4 12.2 36.6





#27

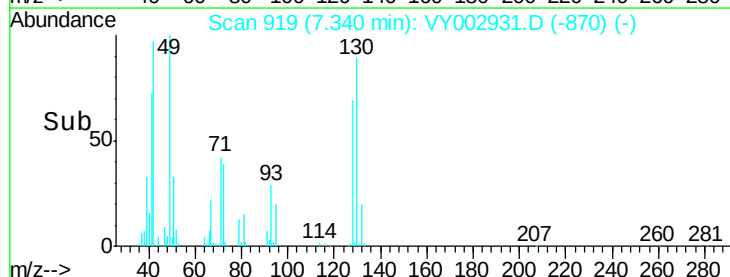
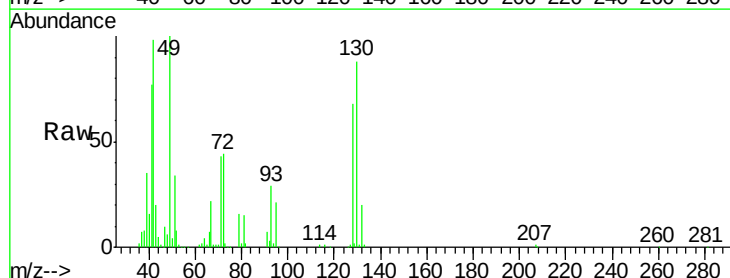
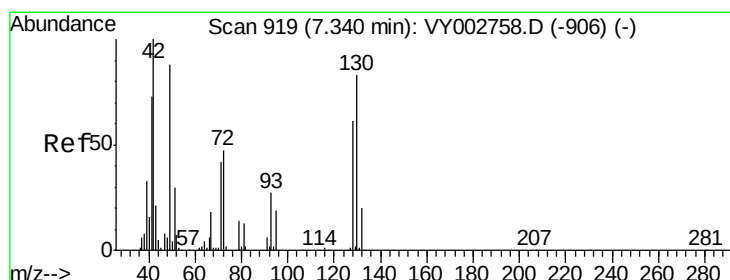
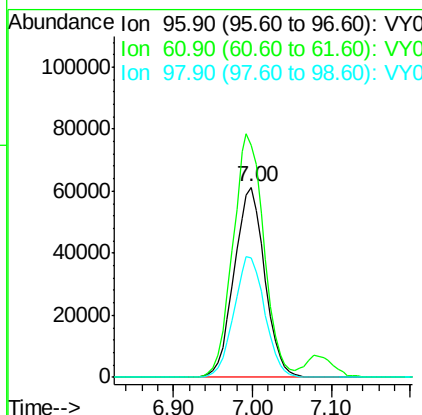
cis-1,2-Dichloroethene
Concen: 50.955 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.00 min
Lab File: VY002931.D
Acq: 18 Jun 2020 19:58

Tot Ion	Ratio	Resp	Lower	Upper
96	100	165144		
61	130.1	0.0	260.2	
98	64.1	0.0	128.2	

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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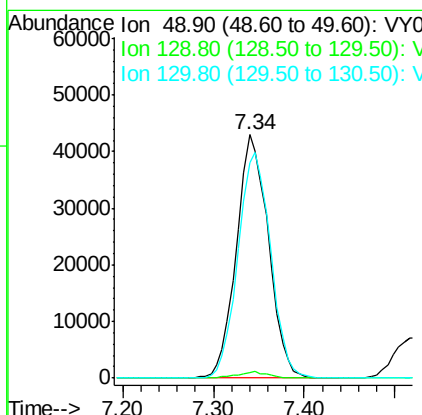
MMDadoda
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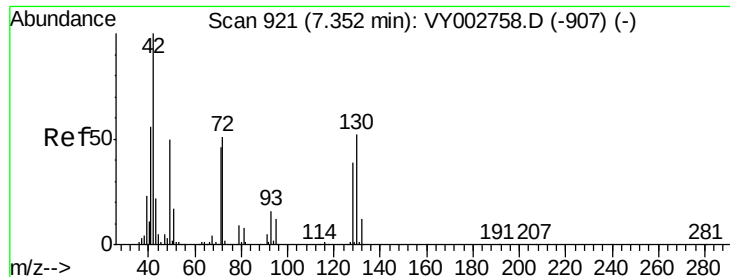


#28

Bromochloromethane
Concen: 57.230 ug/l
RT: 7.34 min Scan# 919
Delta R.T. 0.00 min
Lab File: VY002931.D
Acq: 18 Jun 2020 19:58

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	105446		
129	2.6	0.0	5.2	
130	94.5	77.1	115.7	





#29

Tetrahydrofuran

Concen: 274.519 ug/l

RT: 7.36 min Scan# 922

Delta R.T. 0.01 min

Lab File: VY002931.D

Acq: 18 Jun 2020 19:58

Instrument :

MSVOA_Y

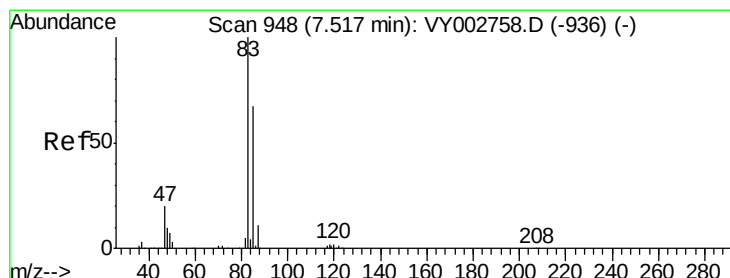
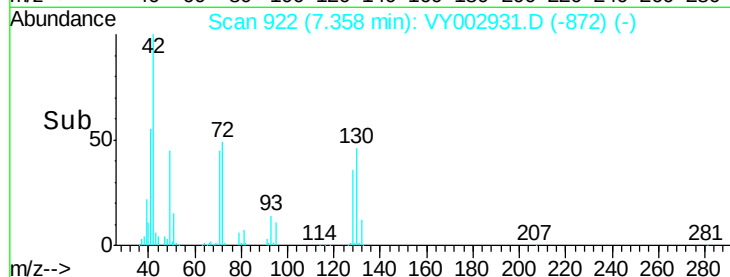
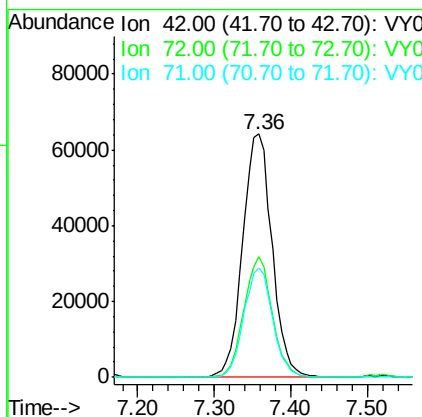
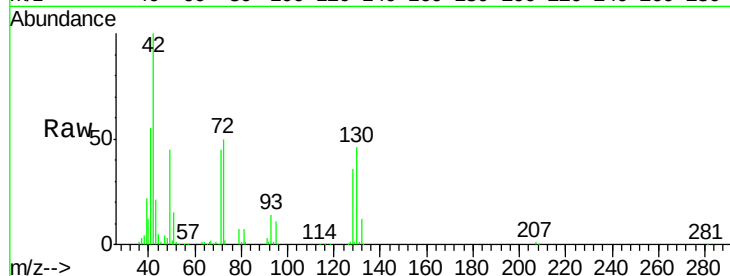
ClientSampleId :

VSTDCCC050EC

Tot Ion:	42	Resp:	171403
Ion	Ratio	Lower	Upper
42	100		
72	47.8	38.6	58.0
71	44.4	35.8	53.8

Manual Integrations
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#30

Chloroform

Concen: 52.680 ug/l

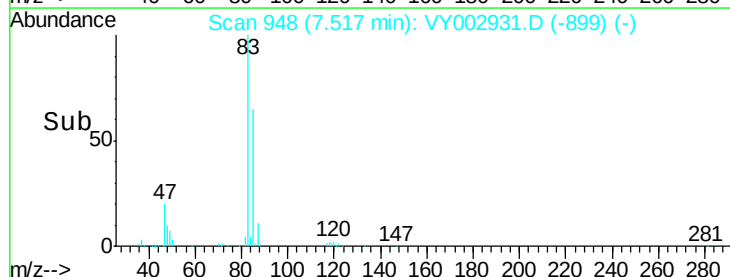
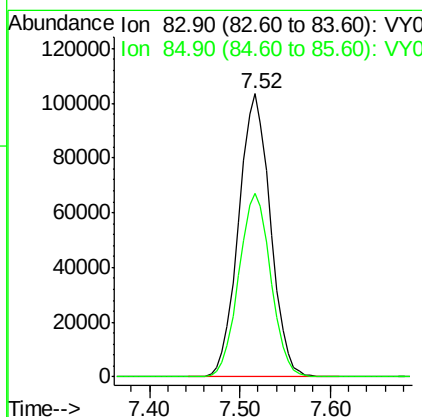
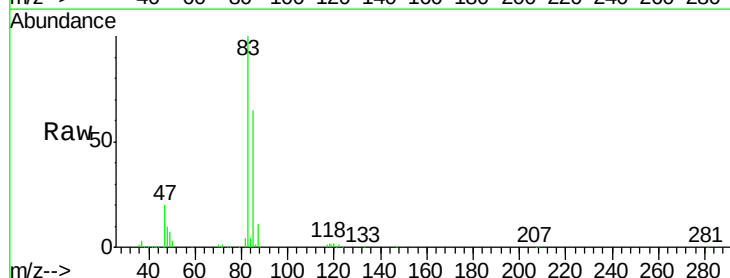
RT: 7.52 min Scan# 948

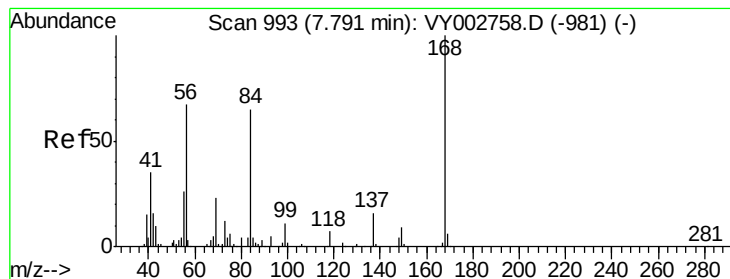
Delta R.T. 0.00 min

Lab File: VY002931.D

Acq: 18 Jun 2020 19:58

Tgt Ion:	83	Resp:	250899
Ion	Ratio	Lower	Upper
83	100		
85	64.9	53.8	80.8





#31

Cyclohexane

Concen: 44.578 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY002931.D

Acq: 18 Jun 2020 19:58

Instrument :

MSVOA_Y

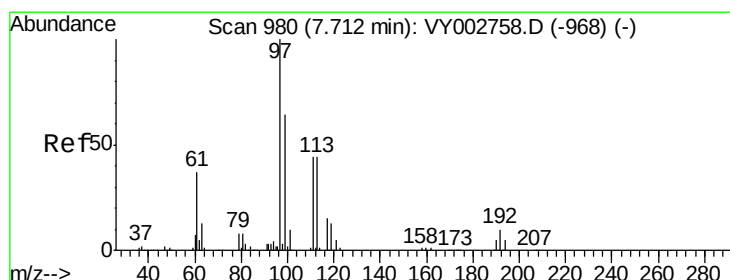
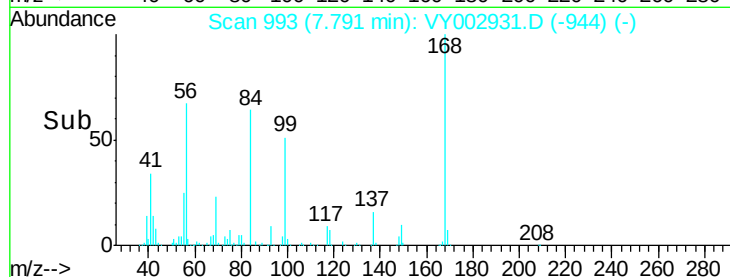
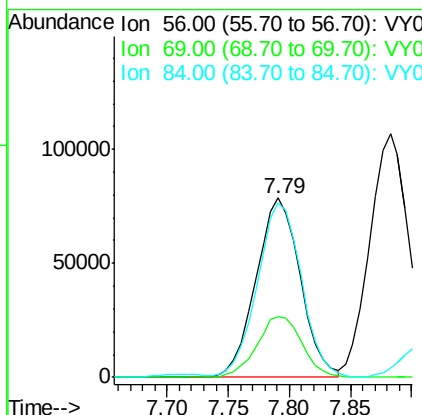
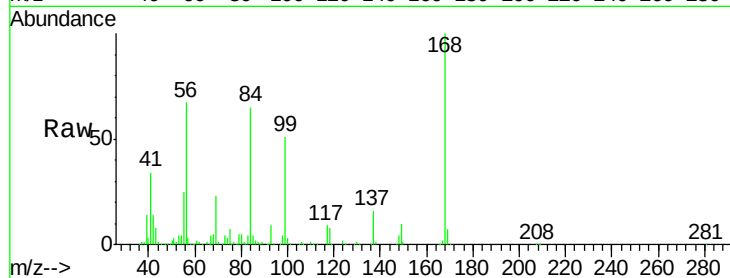
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	198649
Ion	Ratio	Lower	Upper
56	100		
69	34.1	28.0	42.0
84	95.7	77.7	116.5

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 49.871 ug/l

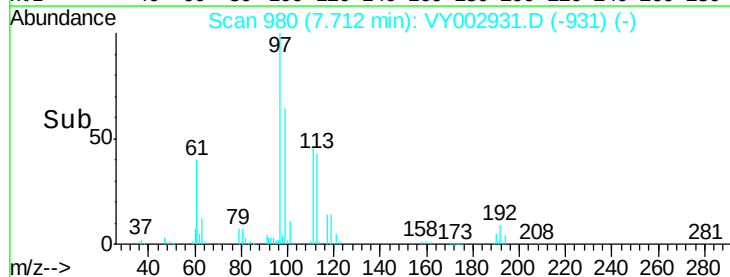
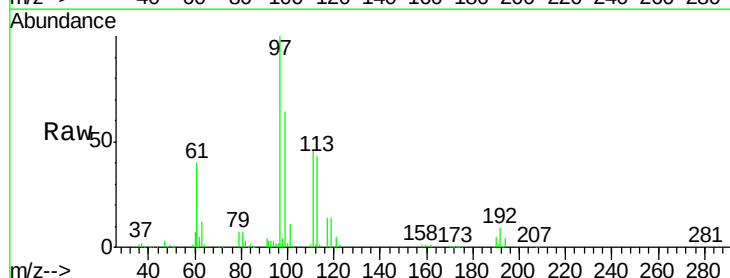
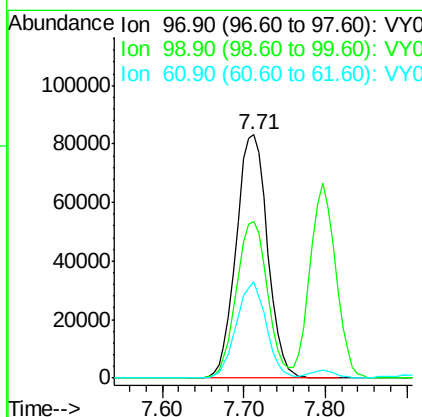
RT: 7.71 min Scan# 980

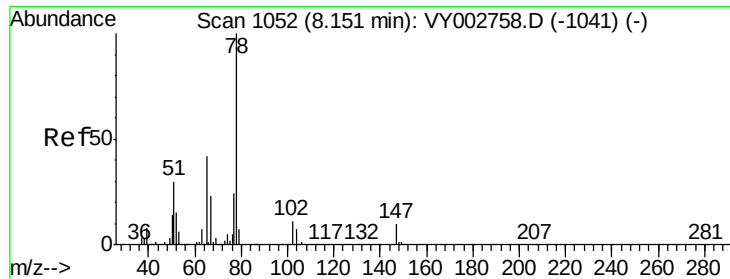
Delta R.T. 0.00 min

Lab File: VY002931.D

Acq: 18 Jun 2020 19:58

Tgt Ion:	97	Resp:	221333
Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.4	77.0
61	37.7	30.1	45.1





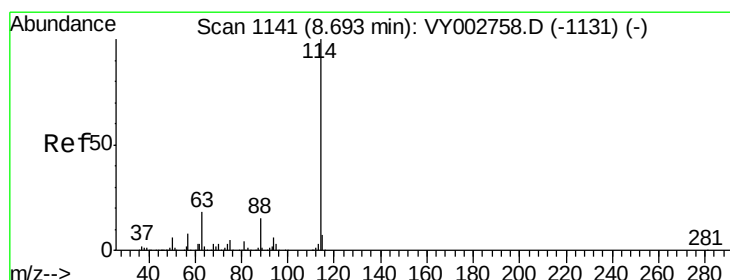
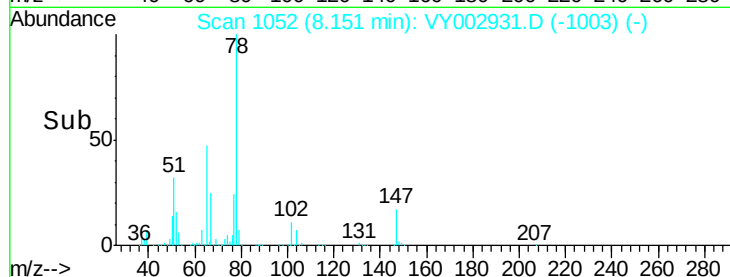
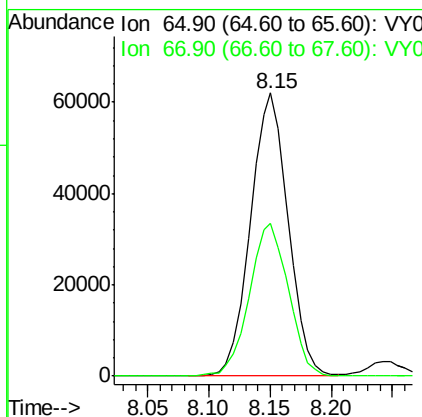
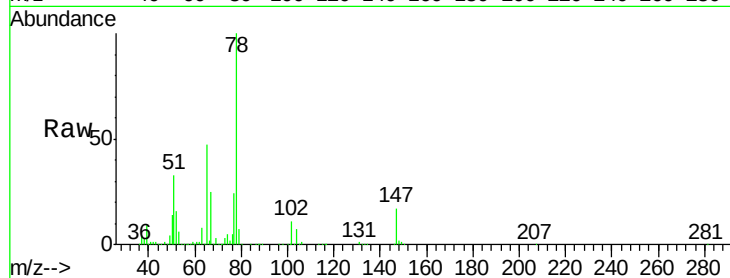
#33
 1,2-Dichloroethane-d4
 Concen: 50.540 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY002931.D
 Acq: 18 Jun 2020 19:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	132793		
67	56.0	0.0	111.0	

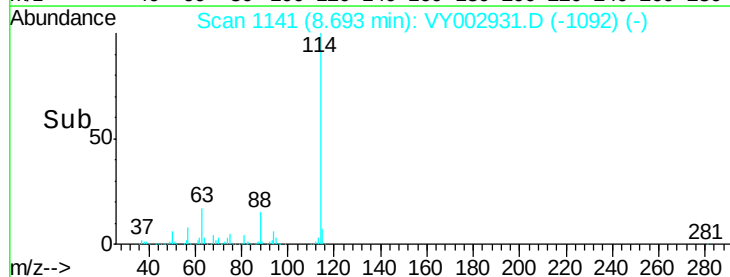
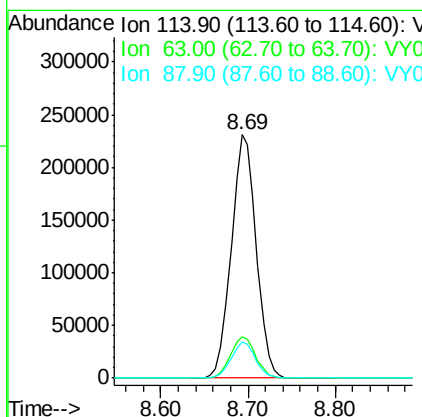
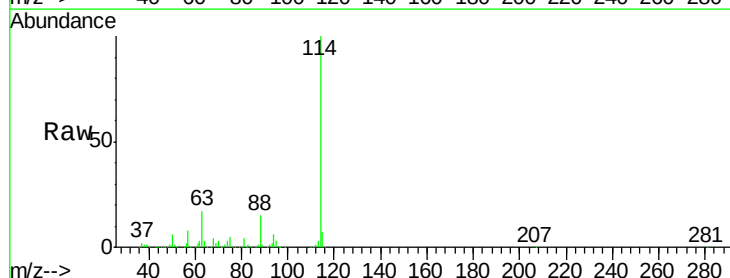
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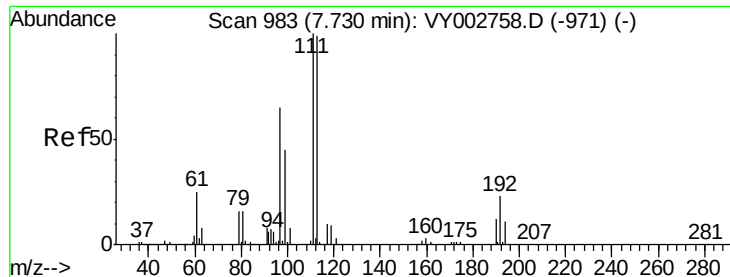
MMDadoda
 6/19/2020 1:12:16 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002931.D
 Acq: 18 Jun 2020 19:58

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	455846		
63	17.2	0.0	35.2	
88	15.1	0.0	29.2	





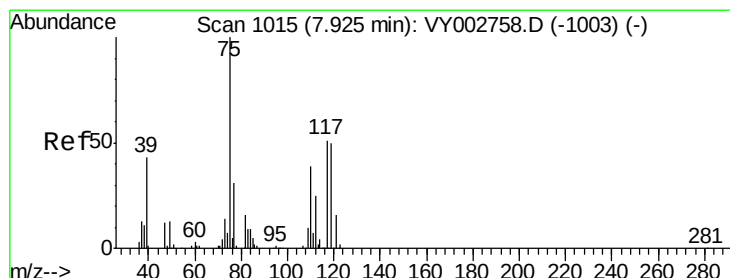
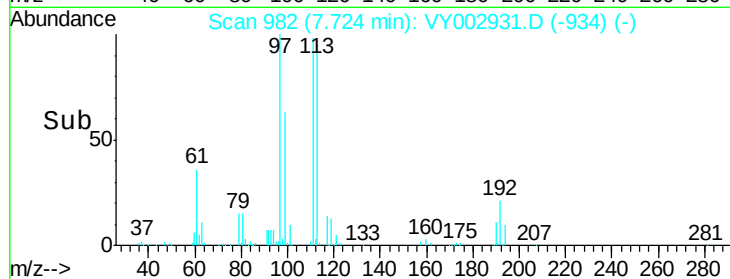
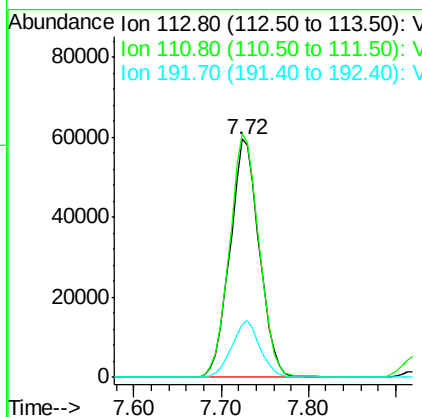
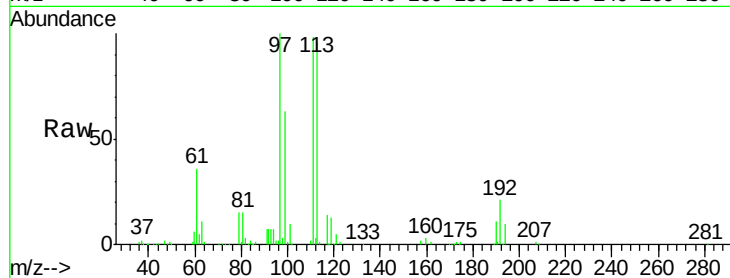
#35
 Dibromofluoromethane
 Concen: 51.938 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002931.D
 Acq: 18 Jun 2020 19:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	138751		
111	102.8	82.0	123.0	
192	23.0	18.9	28.3	

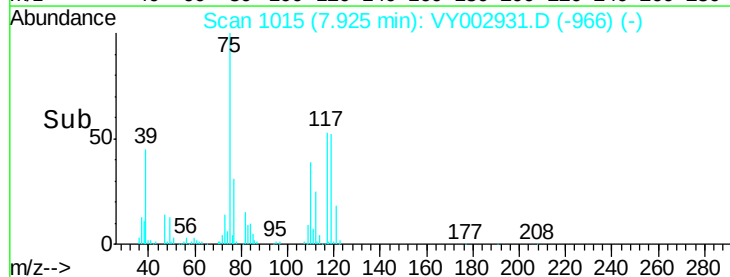
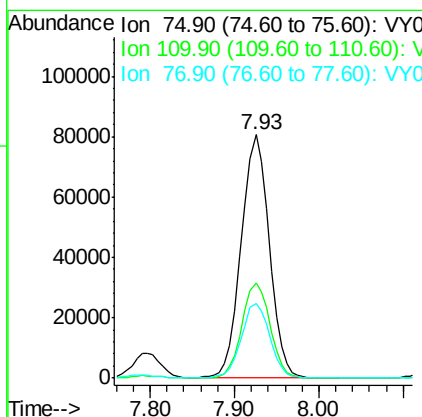
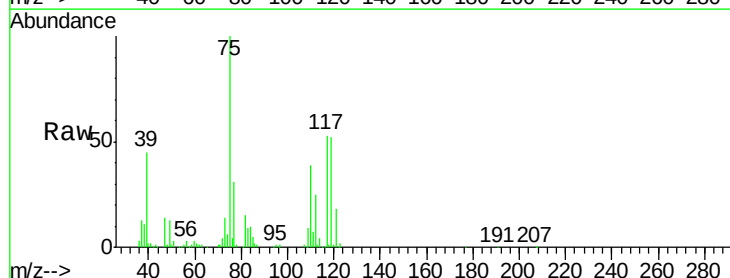
Manual Integrations
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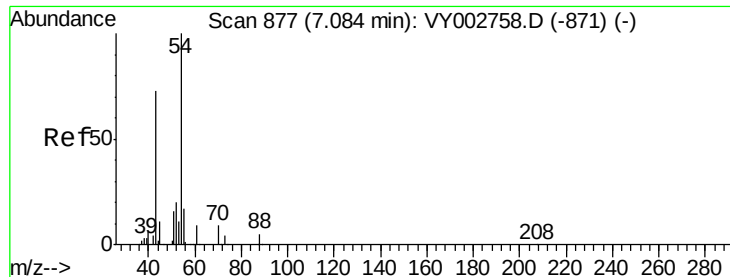
MMDadoda
 6/19/2020 1:12:16 PM



#36
 1,1-Dichloropropene
 Concen: 47.260 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: VY002931.D
 Acq: 18 Jun 2020 19:58

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	181475		
110	39.0	19.3	57.9	
77	31.2	24.8	37.2	





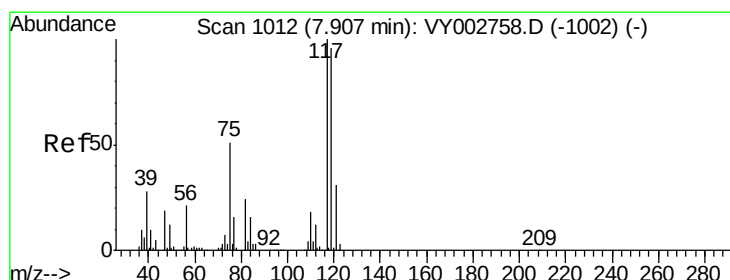
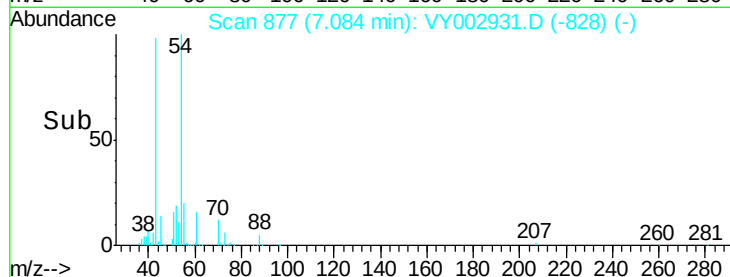
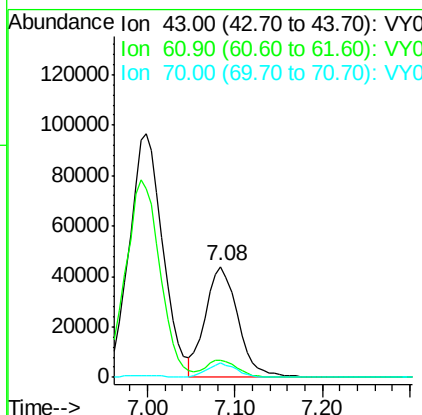
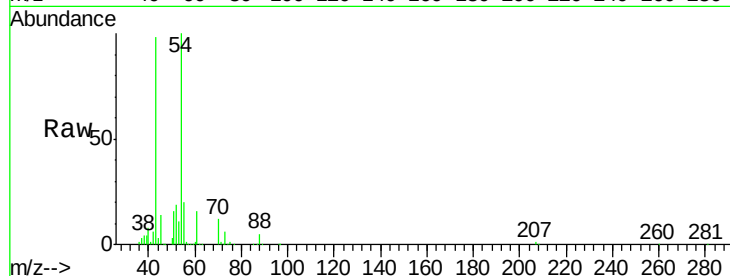
#37
Ethyl Acetate
Concen: 54.586 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.00 min
Lab File: VY002931.D
Acq: 18 Jun 2020 19:58

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.4	11.9	17.9
70	11.5	9.1	13.7

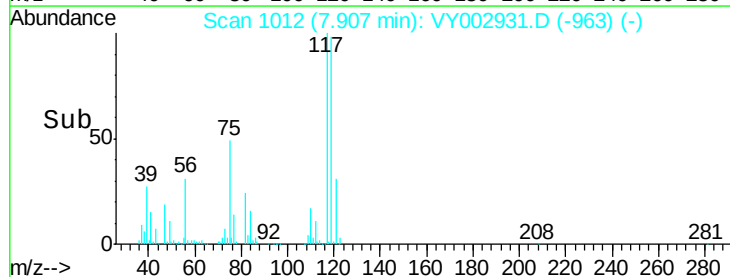
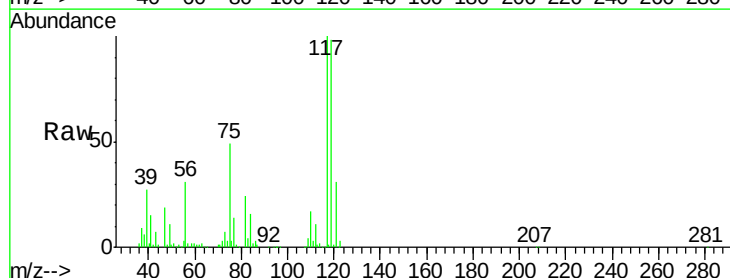
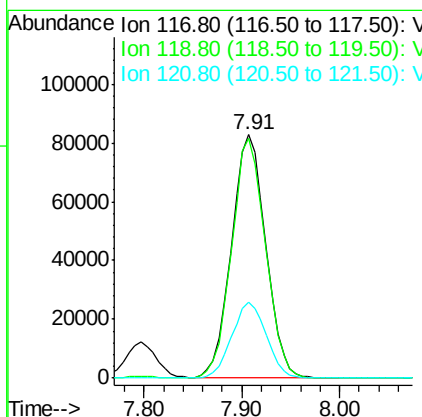
Manual Integrations
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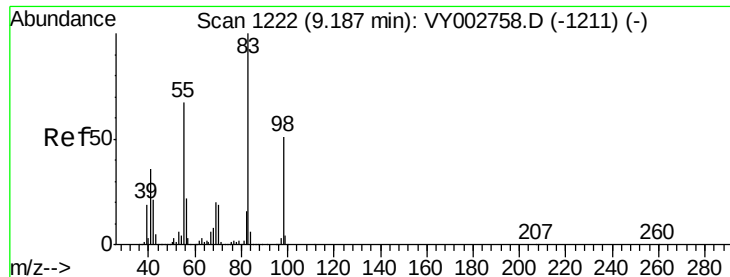
MMDadoda
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#38
Carbon Tetrachloride
Concen: 47.194 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY002931.D
Acq: 18 Jun 2020 19:58

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.4	76.8	115.2
121	31.3	24.8	37.2





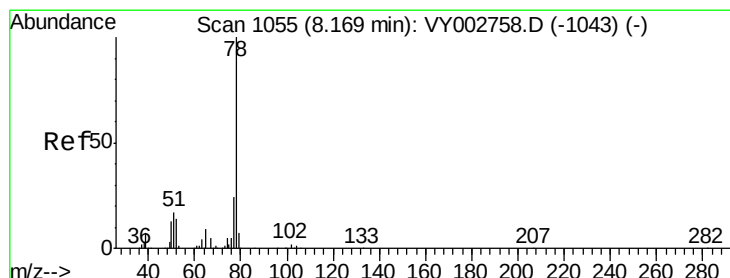
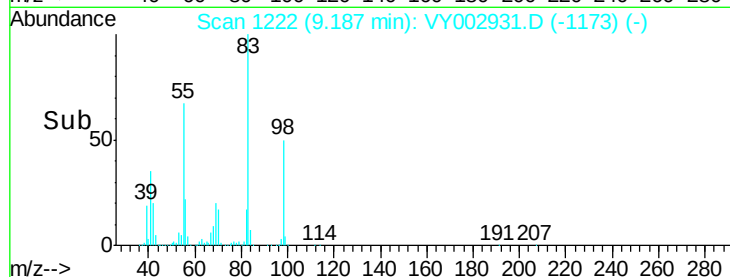
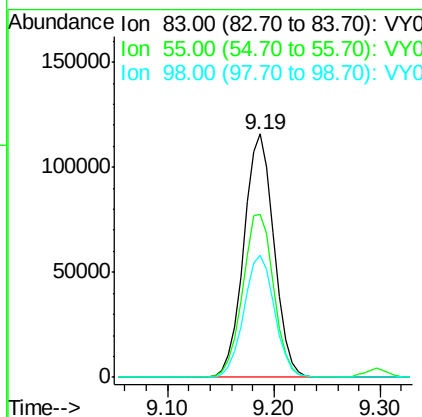
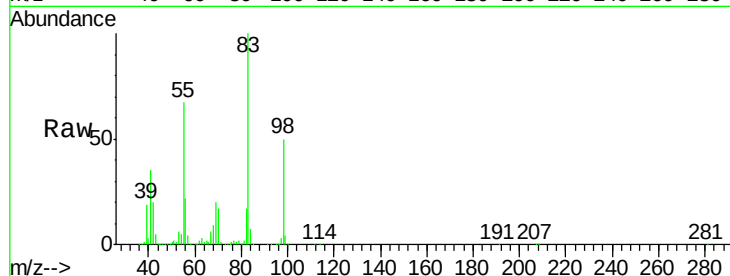
#39
Methylvlcyclohexane
Concen: 45.526 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY002931.D
Acq: 18 Jun 2020 19:58

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	83	Resp	230423
Ion	Ratio	Lower	Upper
83	100		
55	67.1	53.3	79.9
98	50.1	41.1	61.7

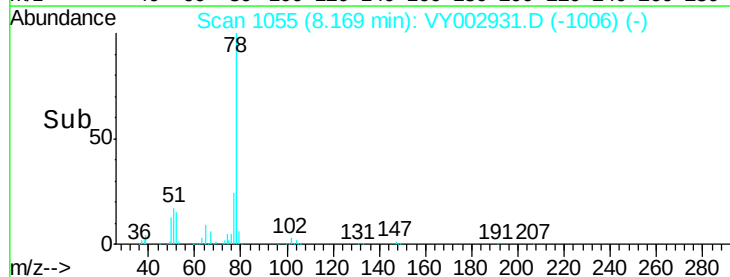
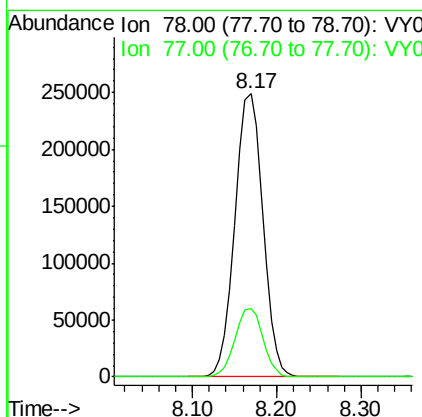
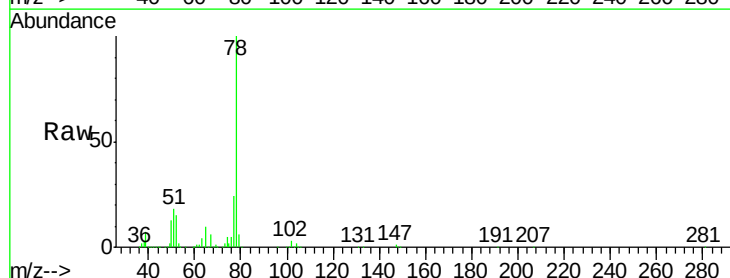
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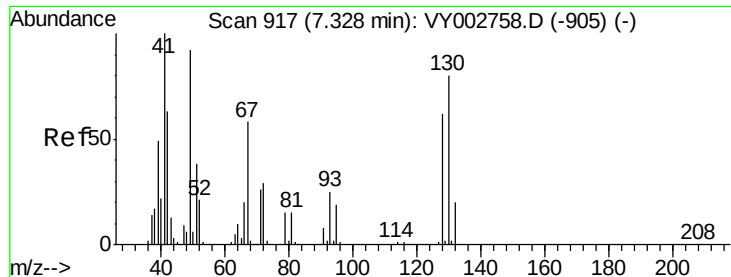
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#40
Benzene
Concen: 49.108 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY002931.D
Acq: 18 Jun 2020 19:58

Tgt Ion	78	Resp	557189
Ion	Ratio	Lower	Upper
78	100		
77	24.1	18.8	28.2





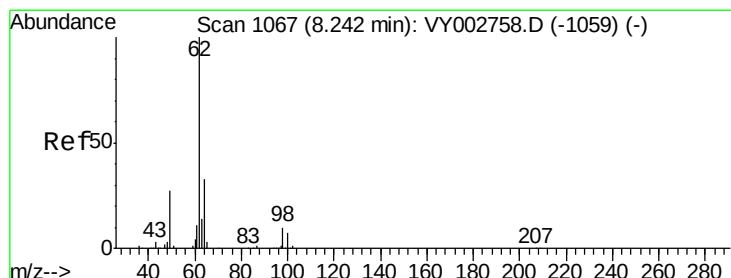
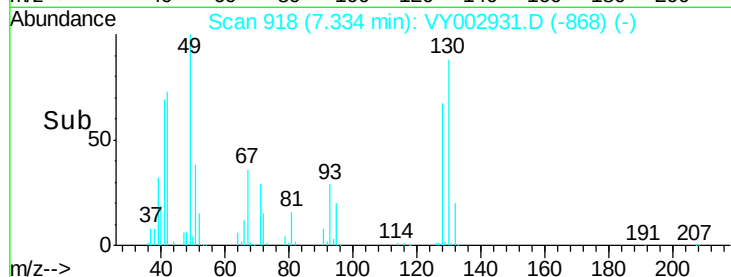
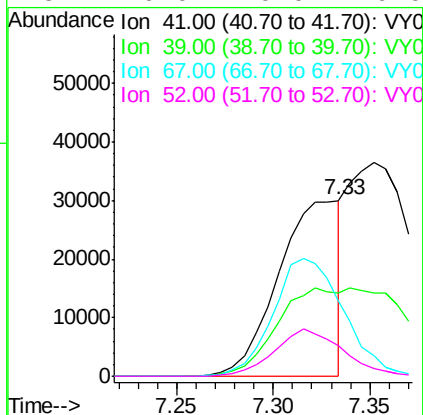
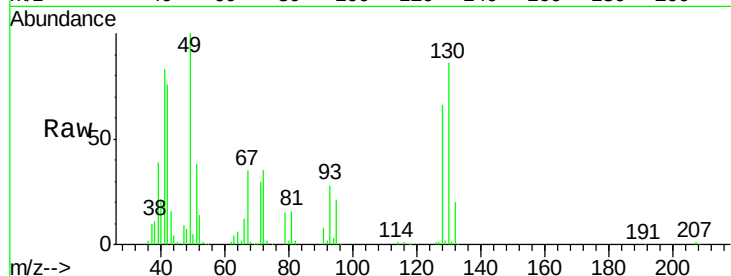
#41
Methacrylonitrile
Concen: 59.872 ug/l m
RT: 7.33 min Scan# 918
Delta R.T. 0.01 min
Lab File: VY002931.D
Acq: 18 Jun 2020 19:58

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	41	Resp:	67199
Ion Ratio	Lower	Upper	
41	100		
39	0.0	97.6	146.4#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

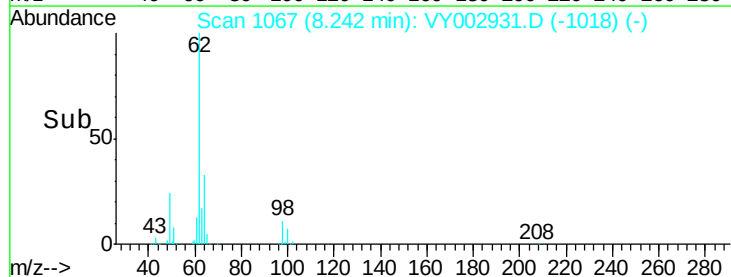
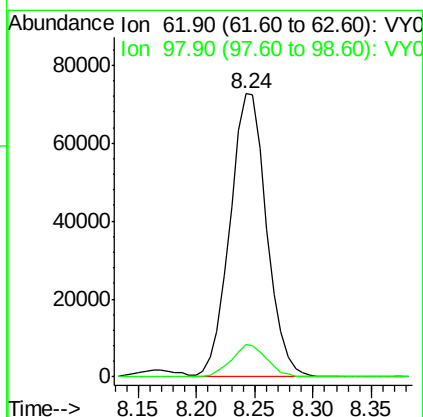
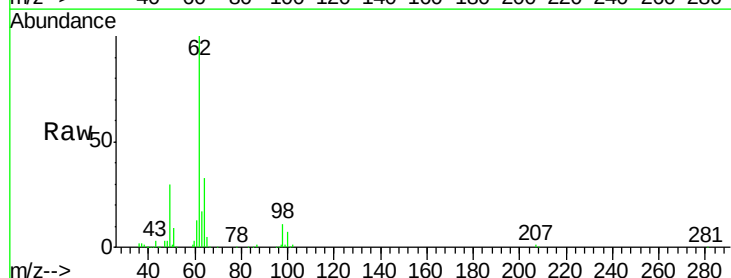
Manual Integrations
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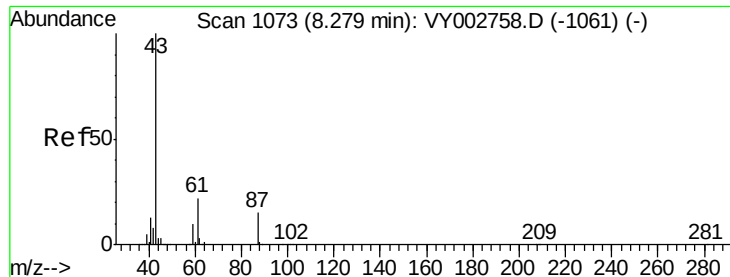
MMDadoda
6/19/2020 1:12:16 PM



#42
1,2-Dichloroethane
Concen: 50.092 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY002931.D
Acq: 18 Jun 2020 19:58

Tgt Ion	62	Resp:	159282
Ion Ratio	Lower	Upper	
62	100		
98	11.0	0.0	22.6





#43

Isopropyl Acetate

Concen: 53.954 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VY002931.D

Acq: 18 Jun 2020 19:58

Instrument :

MSVOA_Y

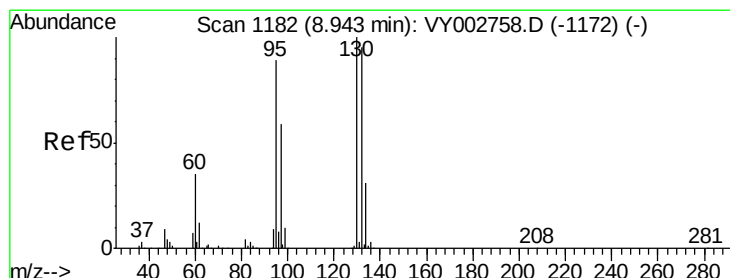
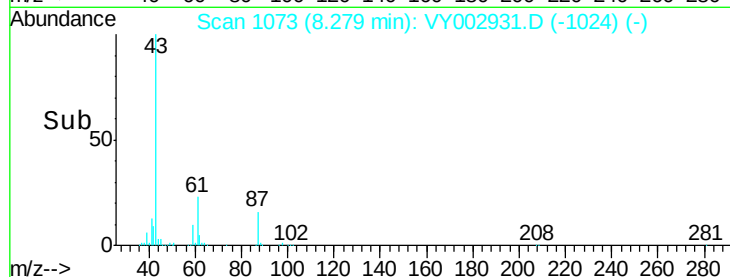
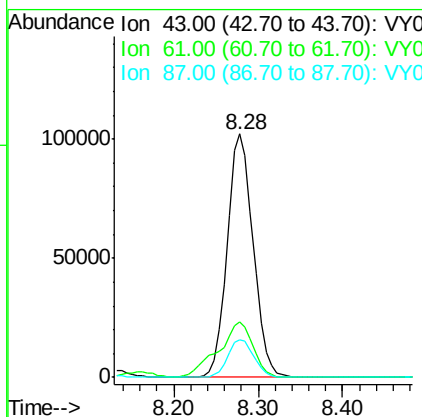
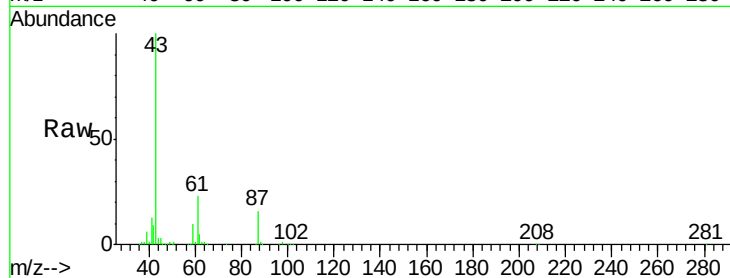
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	213607
Ion	Ratio	Lower	Upper
43	100		
61	30.6	24.8	37.2
87	15.7	12.4	18.6

Manual Integrations
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6/19/2020 1:12:16 PM



#44

Trichloroethene

Concen: 47.749 ug/l

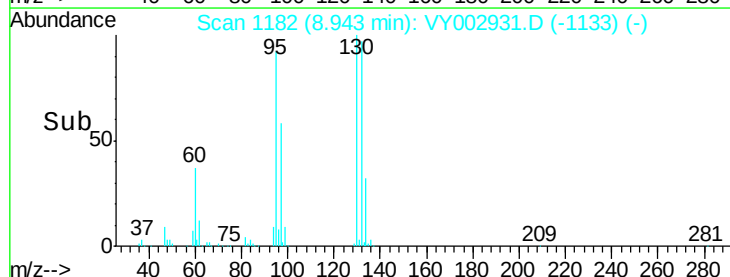
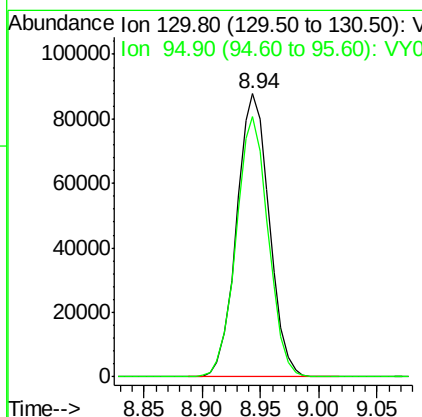
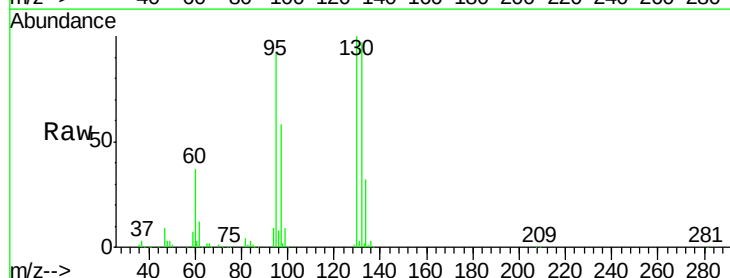
RT: 8.94 min Scan# 1182

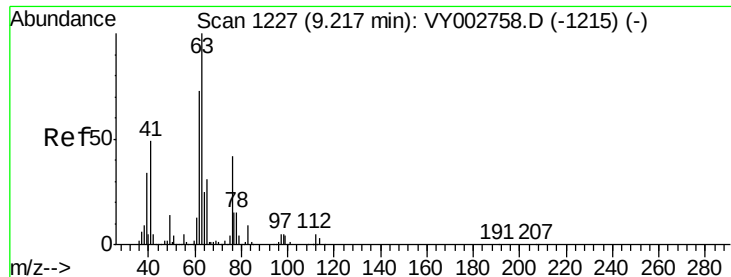
Delta R.T. 0.00 min

Lab File: VY002931.D

Acq: 18 Jun 2020 19:58

Tgt Ion:	130	Resp:	171128
Ion	Ratio	Lower	Upper
130	100		
95	92.2	0.0	178.8





#45

1,2-Dichloropropane

Concen: 52.152 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. 0.00 min

Lab File: VY002931.D

Acq: 18 Jun 2020 19:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 141902

Ion Ratio Lower Upper

63 100

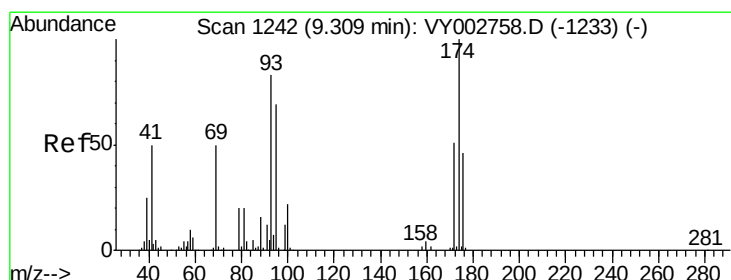
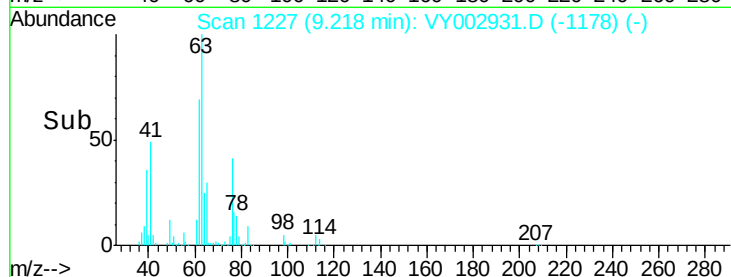
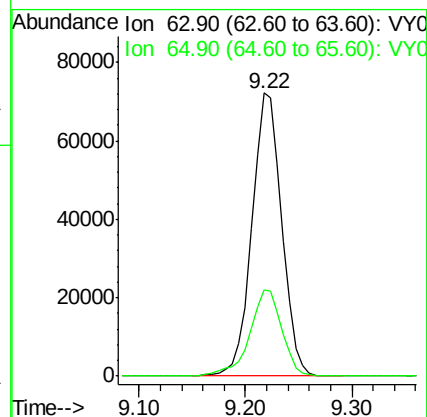
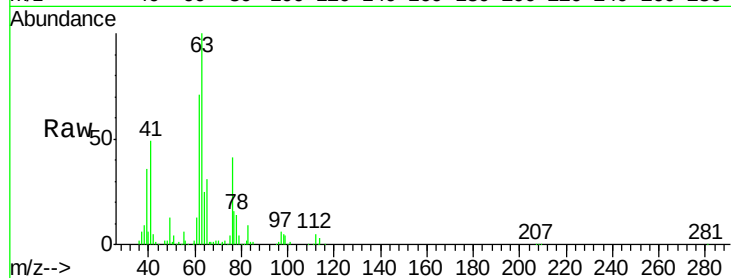
65 30.7 24.8 37.2

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#46

Dibromomethane

Concen: 52.105 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VY002931.D

Acq: 18 Jun 2020 19:58

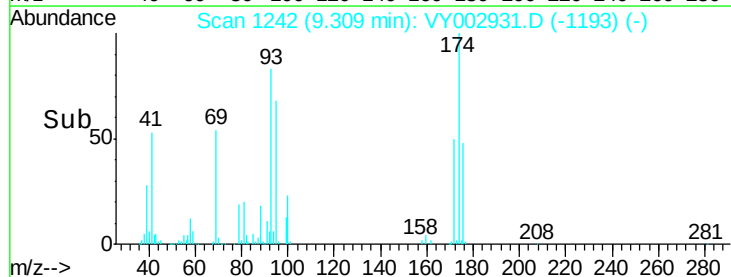
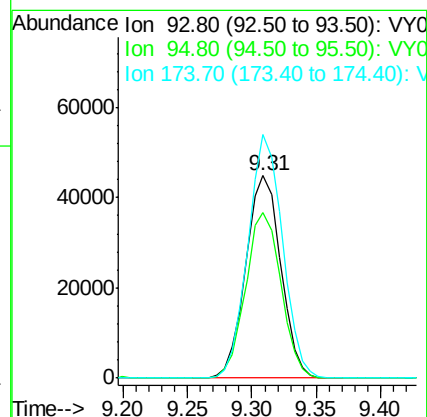
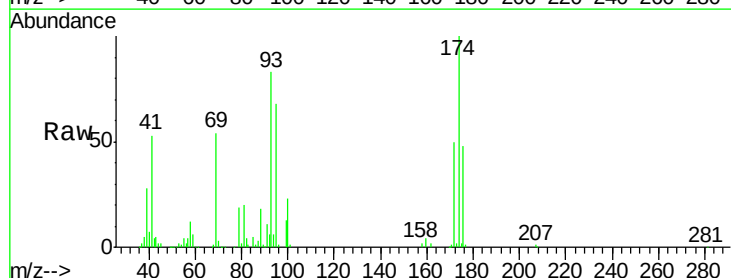
Tgt Ion: 93 Resp: 84199

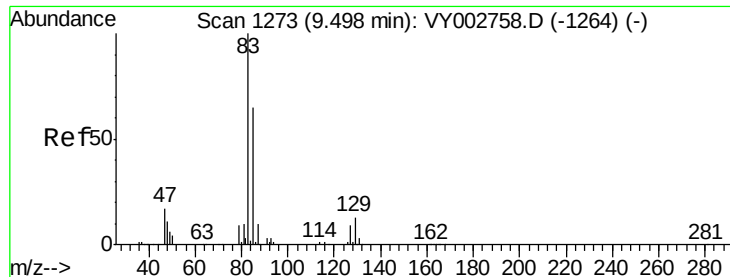
Ion Ratio Lower Upper

93 100

95 82.8 66.9 100.3

174 118.9 97.7 146.5





#47

Bromodichloromethane

Concen: 52.731 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY002931.D

Acq: 18 Jun 2020 19:58

Instrument :

MSVOA_Y

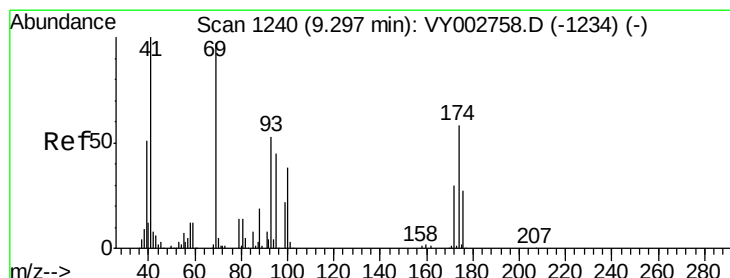
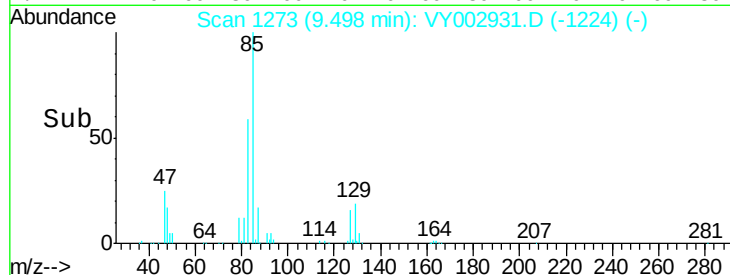
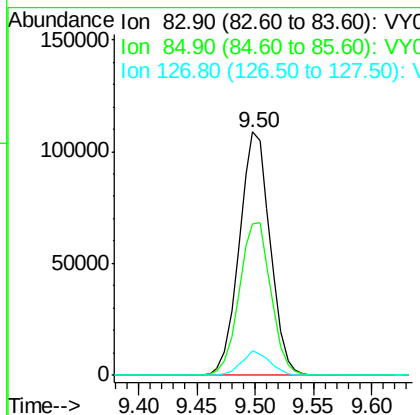
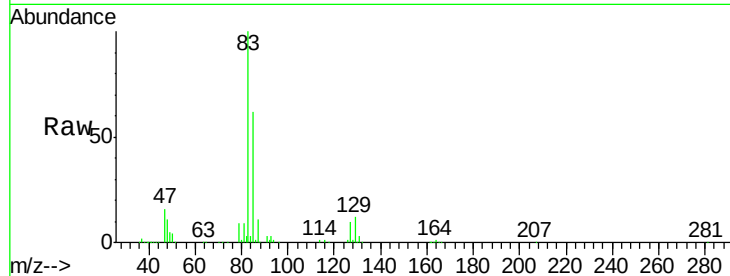
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	200880
Ion	Ratio	Lower	Upper
83	100		
85	62.3	51.9	77.9
127	10.2	7.1	10.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 54.582 ug/l

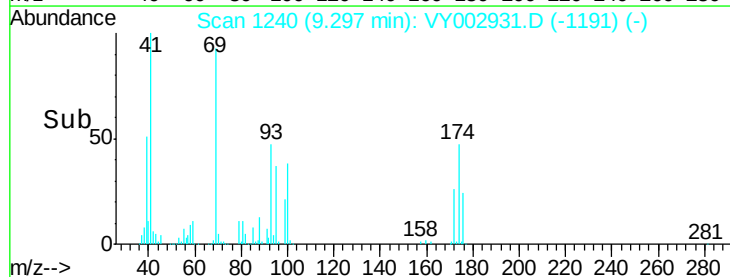
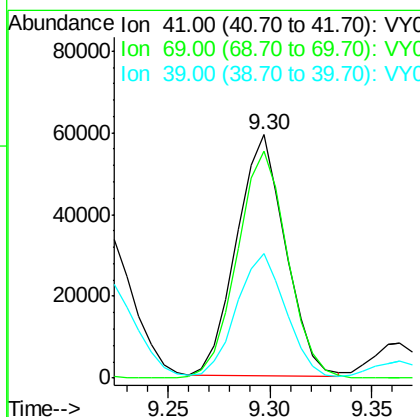
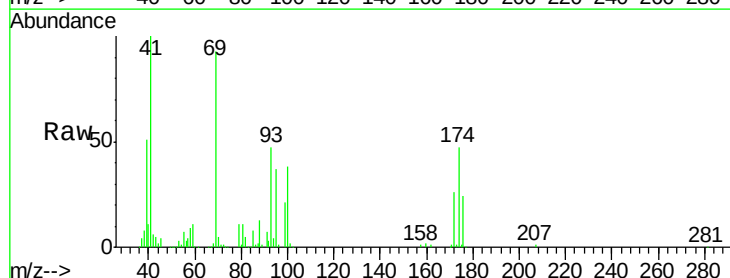
RT: 9.30 min Scan# 1240

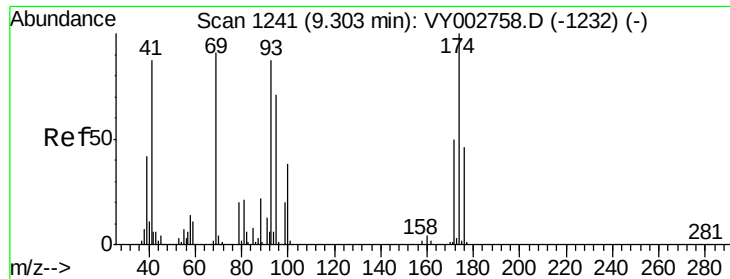
Delta R.T. 0.00 min

Lab File: VY002931.D

Acq: 18 Jun 2020 19:58

Tgt Ion:	41	Resp:	97551
Ion	Ratio	Lower	Upper
41	100		
69	97.5	79.7	119.5
39	53.0	43.3	64.9





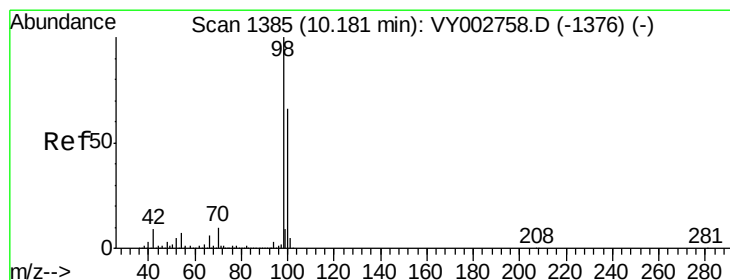
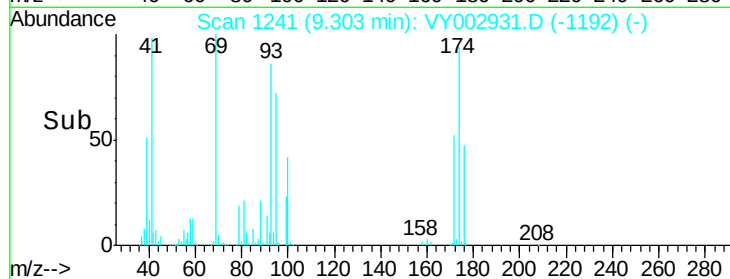
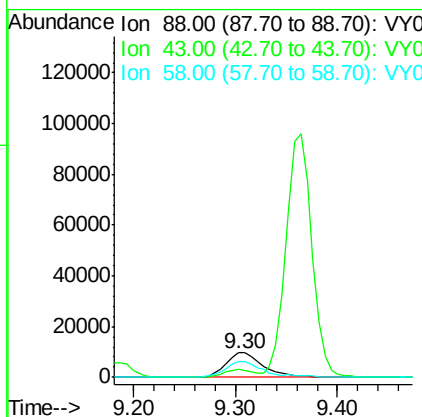
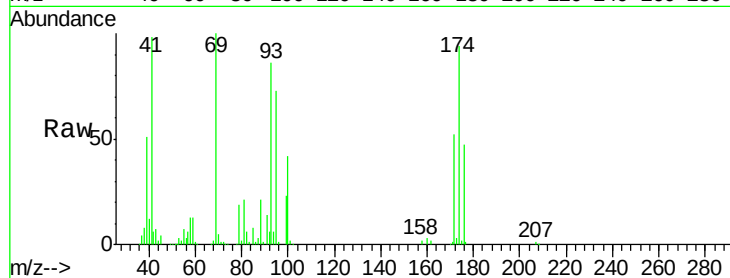
#49
1,4-Dioxane
Concen: 1002.372 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VY002931.D
Acq: 18 Jun 2020 19:58

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	88	Resp	24871
Ion	Ratio	Lower	Upper
88	100		
43	25.7	21.3	31.9
58	67.9	52.2	78.2

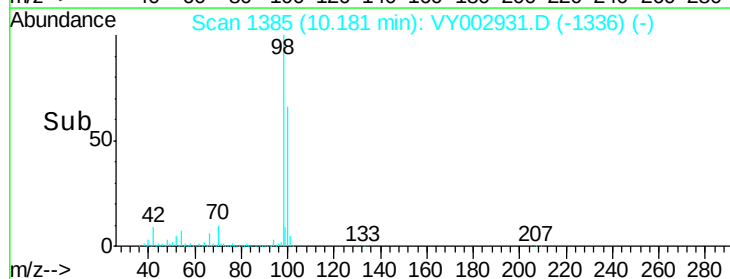
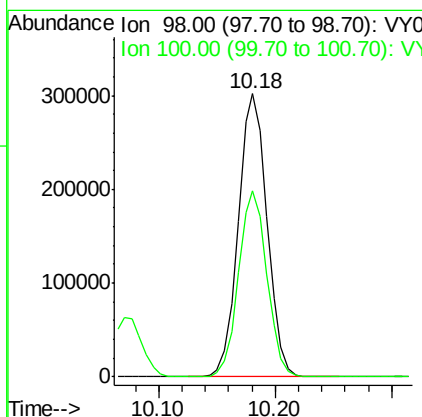
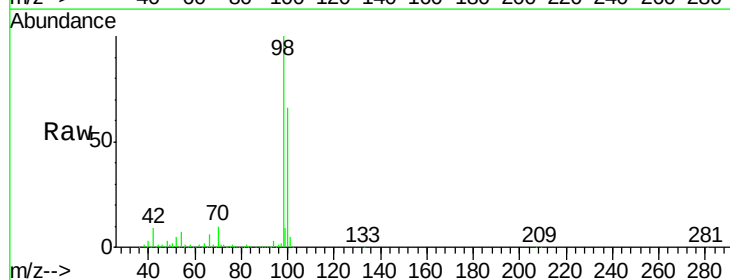
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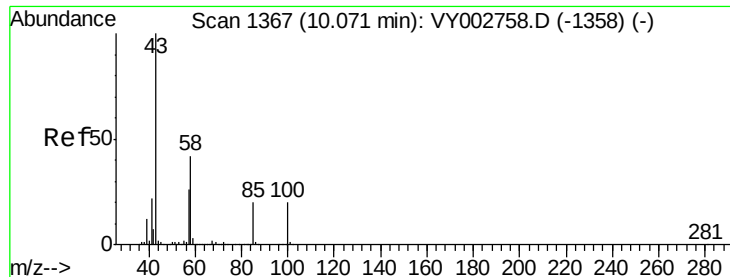
MMDadoda
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#50
Toluene-d8
Concen: 47.895 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY002931.D
Acq: 18 Jun 2020 19:58

Tgt Ion	98	Resp	517340
Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.2	78.2





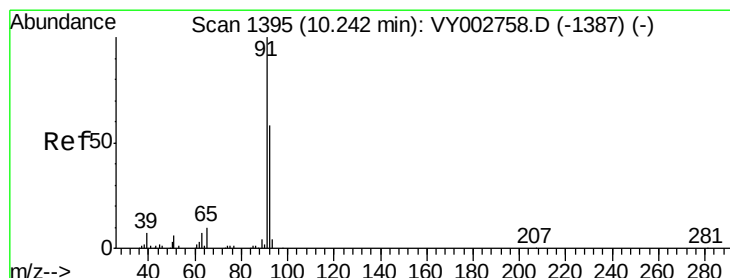
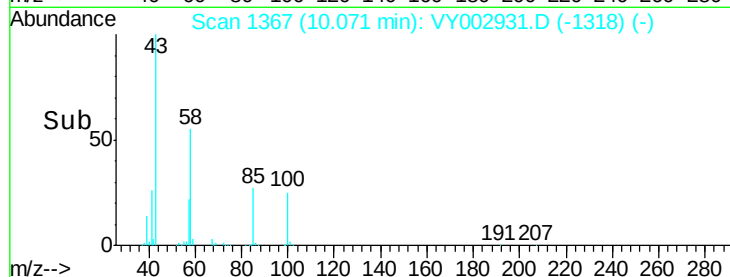
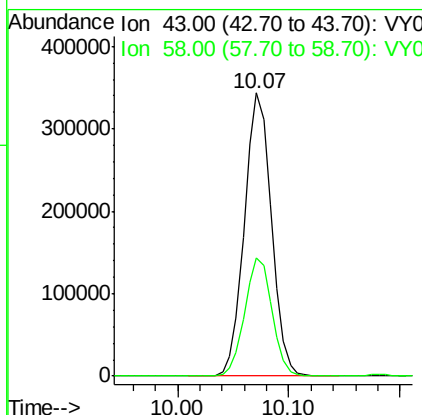
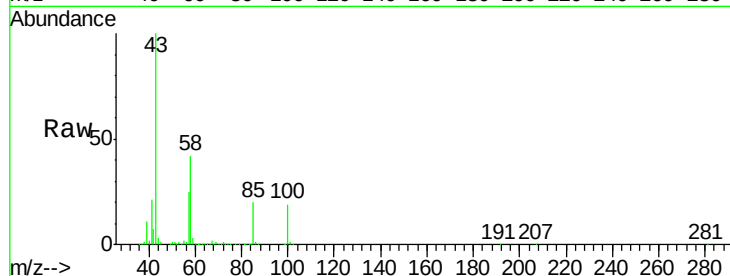
#51
4-Methyl-2-Pentanone
Concen: 276.590 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VY002931.D
Acq: 18 Jun 2020 19:58

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	42.2	34.2	51.2

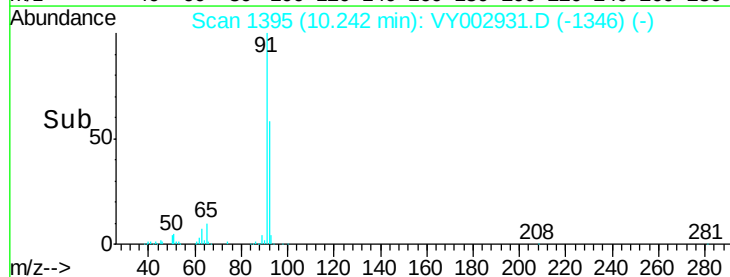
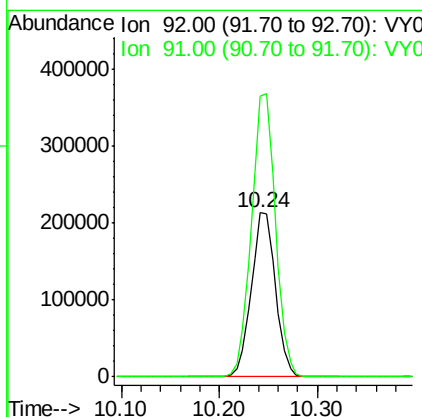
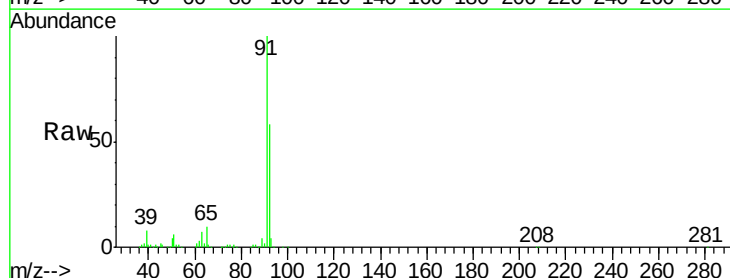
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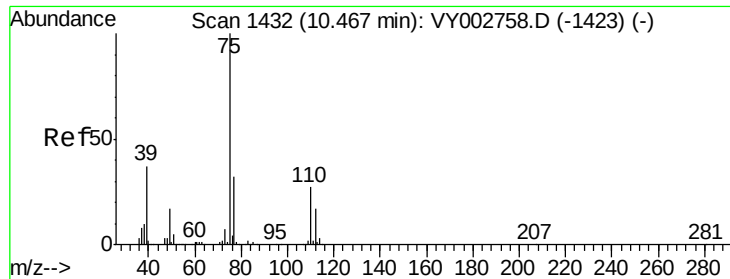
MMDadoda
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#52
Toluene
Concen: 49.066 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. 0.00 min
Lab File: VY002931.D
Acq: 18 Jun 2020 19:58

Tgt Ion	Ratio	Lower	Upper
92	100		
91	172.6	138.5	207.7





#53

t-1,3-Dichloropropene

Concen: 51.395 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY002931.D

Acq: 18 Jun 2020 19:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 213853

Ion Ratio Lower Upper

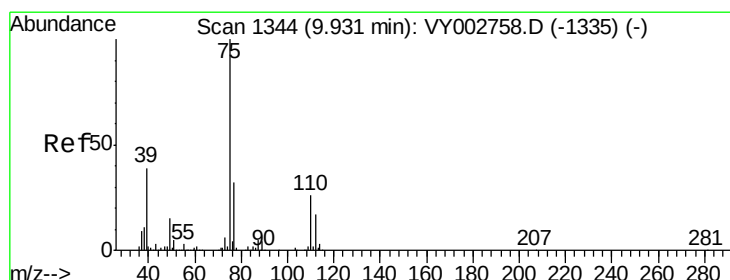
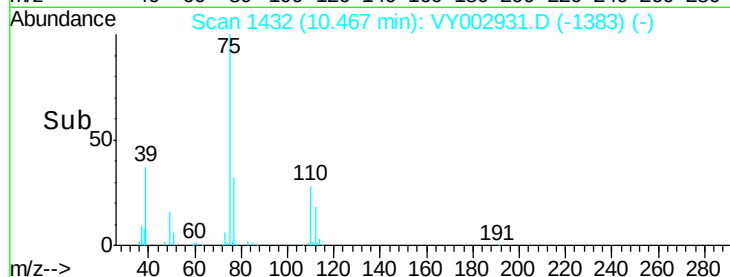
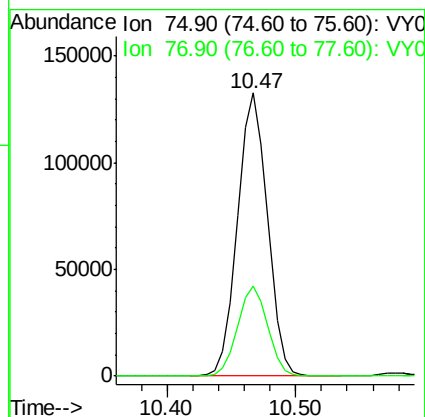
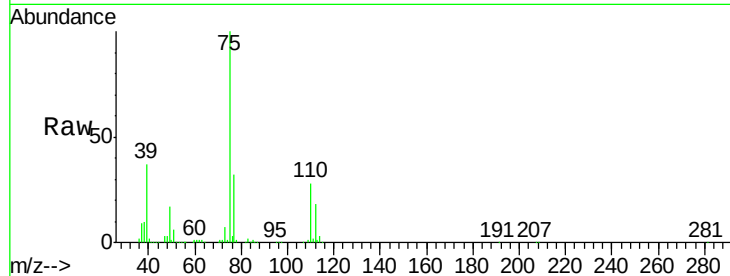
75 100

77 31.7 25.3 37.9

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#54

cis-1,3-Dichloropropene

Concen: 51.212 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY002931.D

Acq: 18 Jun 2020 19:58

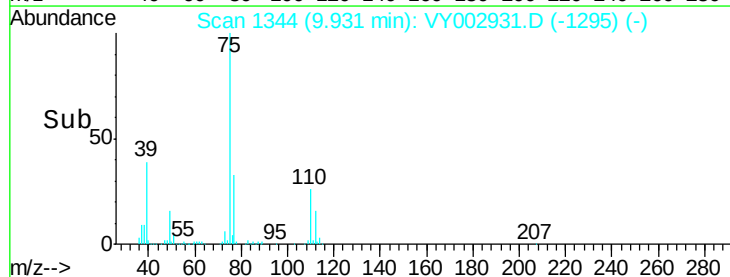
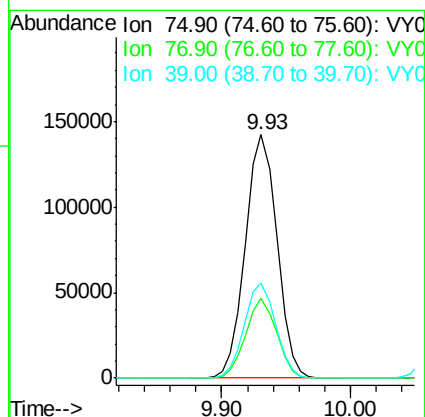
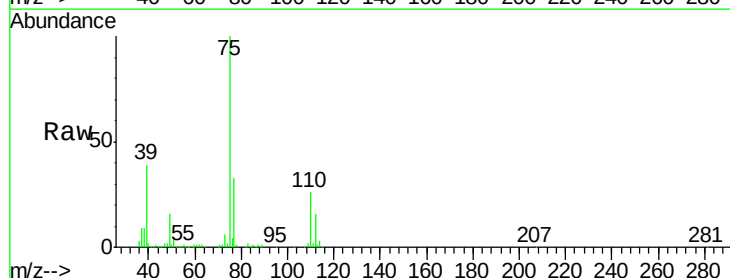
Tgt Ion: 75 Resp: 241456

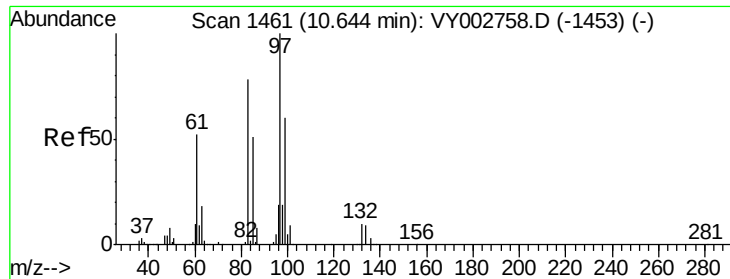
Ion Ratio Lower Upper

75 100

77 32.8 25.6 38.4

39 39.3 31.3 46.9





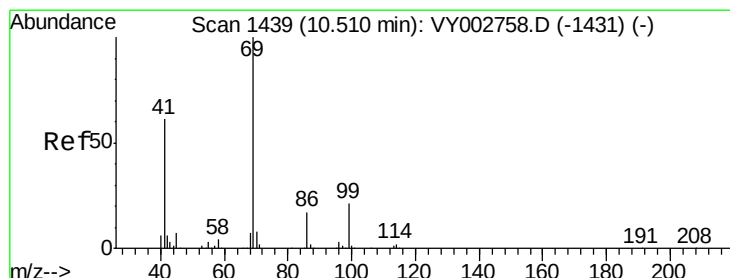
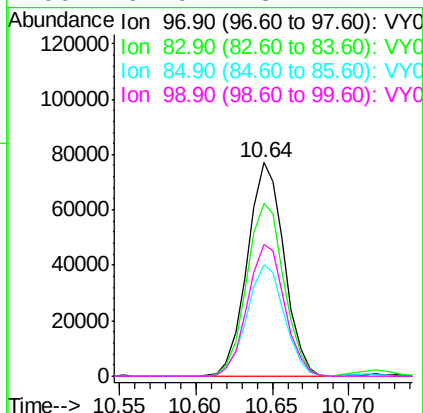
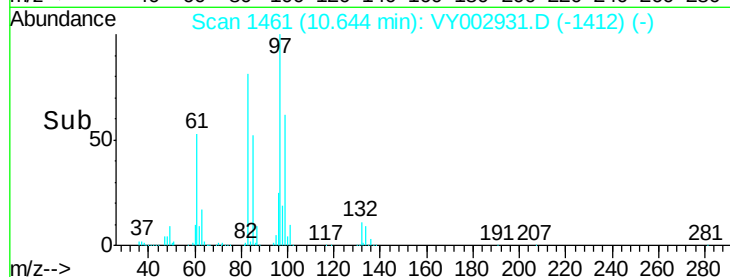
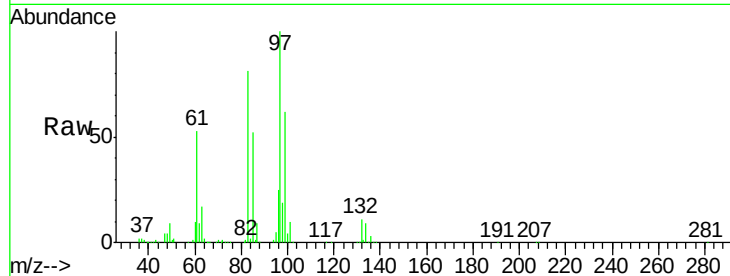
#55
 1,1,2-Trichloroethane
 Concen: 52.095 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY002931.D
 Acq: 18 Jun 2020 19:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		128879		
83	81.0	62.7	94.1		
85	52.2	40.6	60.8		
99	62.0	48.2	72.4		

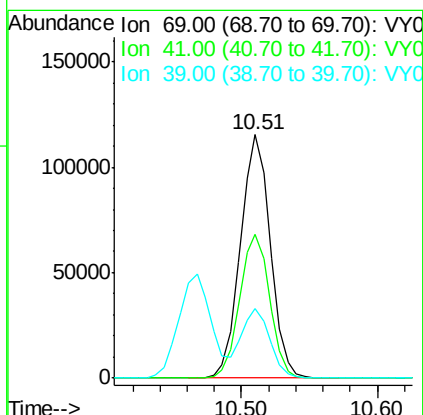
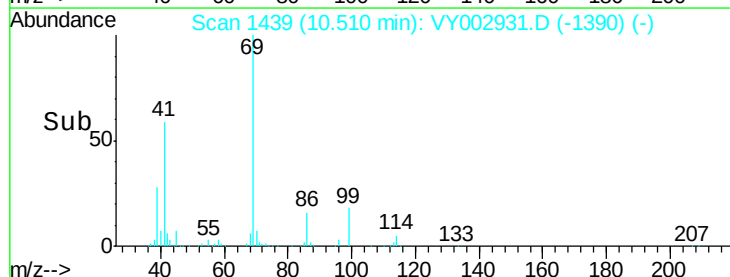
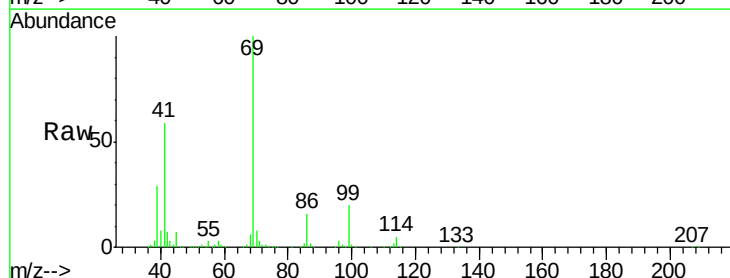
Manual Integrations
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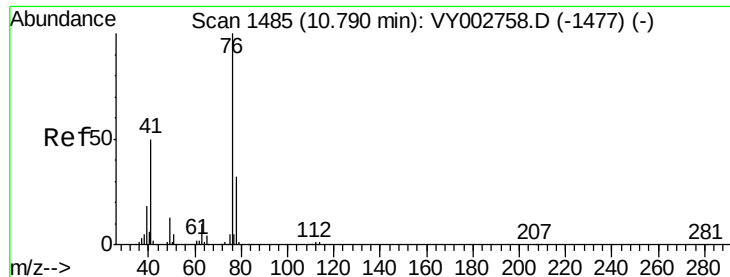
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#56
 Ethyl methacrylate
 Concen: 53.288 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY002931.D
 Acq: 18 Jun 2020 19:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		176577		
41	59.0	47.0	70.4		
39	26.6	22.0	33.0		





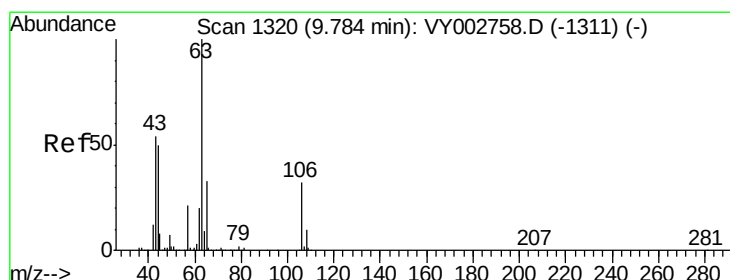
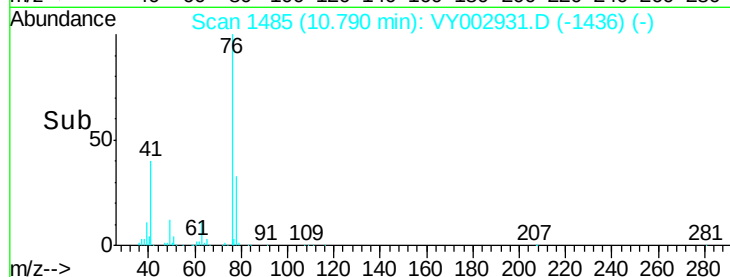
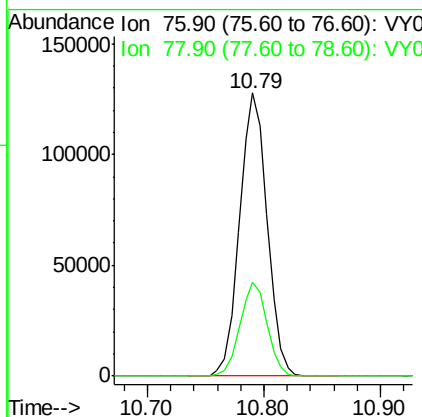
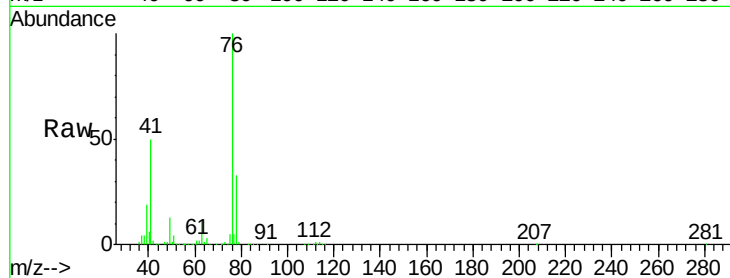
#57
 1,3-Dichloropropane
 Concen: 51.709 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VY002931.D
 Acq: 18 Jun 2020 19:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 210410
 Ion Ratio Lower Upper
 76 100
 78 32.6 26.1 39.1

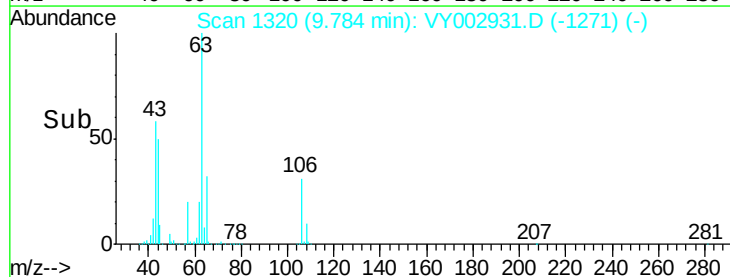
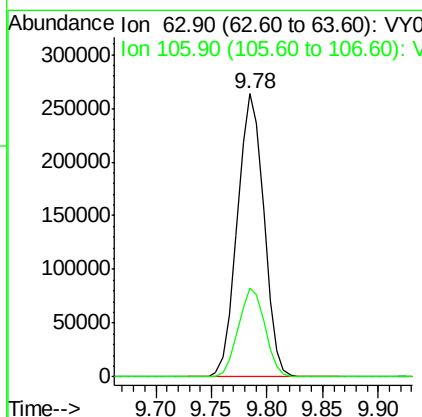
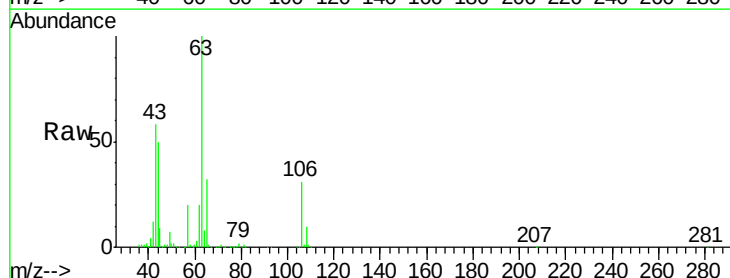
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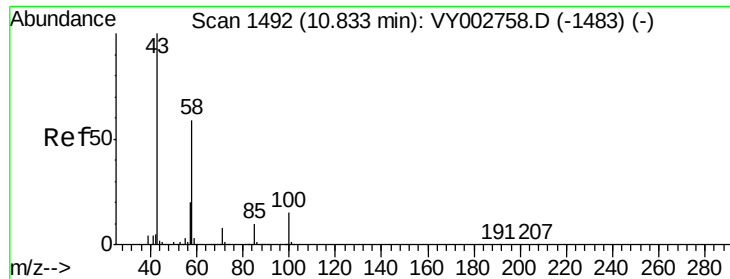
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#58
 2-Chloroethyl Vinyl ether
 Concen: 269.169 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: VY002931.D
 Acq: 18 Jun 2020 19:58

Tgt Ion: 63 Resp: 435819
 Ion Ratio Lower Upper
 63 100
 106 31.4 25.4 38.2





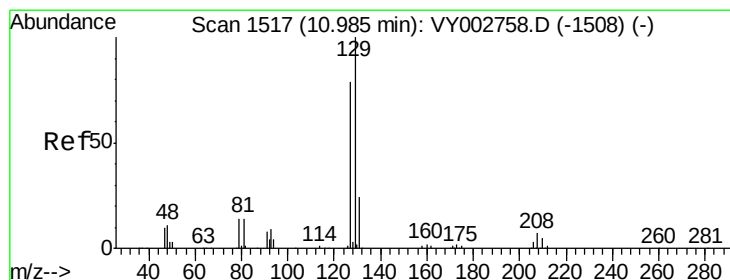
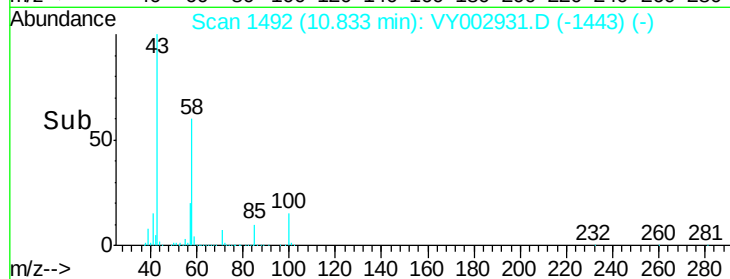
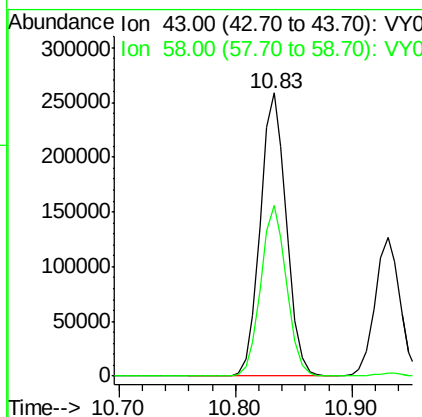
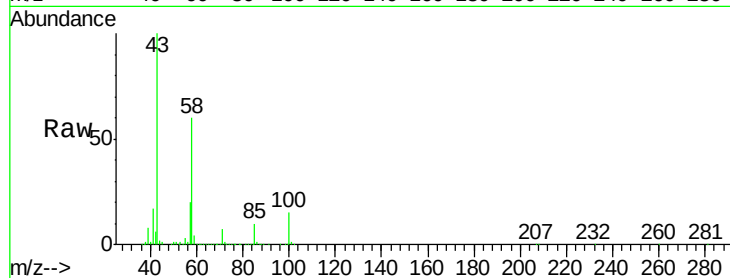
#59
2-Hexanone
Concen: 271.835 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY002931.D
Acq: 18 Jun 2020 19:58

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 404346
Ion Ratio Lower Upper
43 100
58 59.3 29.5 88.5

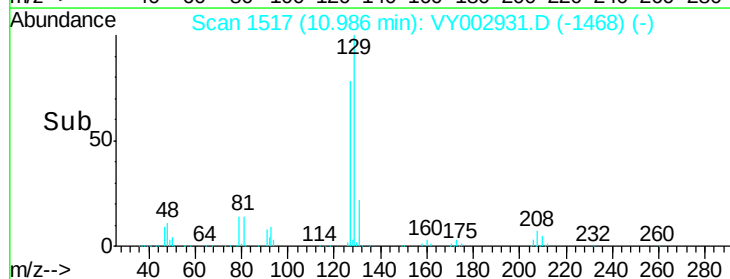
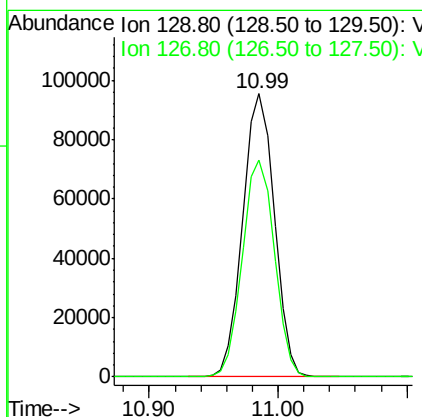
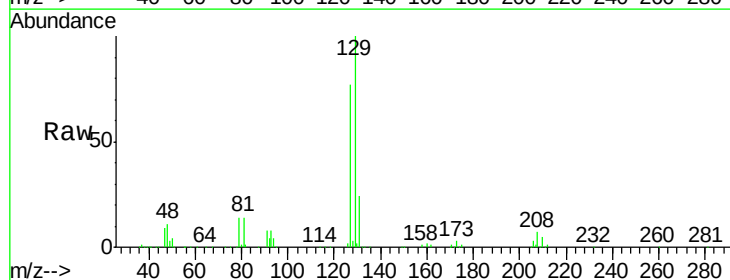
Manual Integrations
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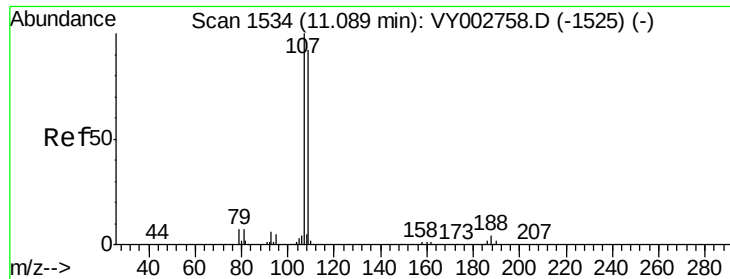
MMDadoda
6/19/2020 1:12:16 PM



#60
Dibromochloromethane
Concen: 51.821 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY002931.D
Acq: 18 Jun 2020 19:58

Tgt Ion: 129 Resp: 162538
Ion Ratio Lower Upper
129 100
127 77.4 38.5 115.3





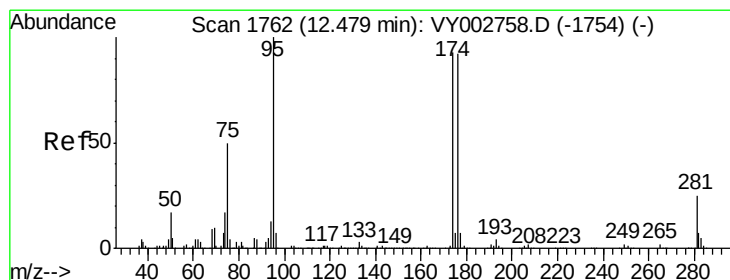
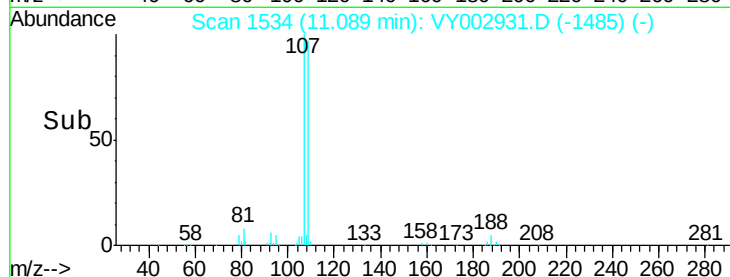
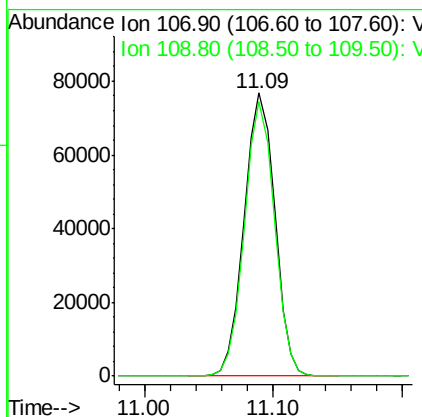
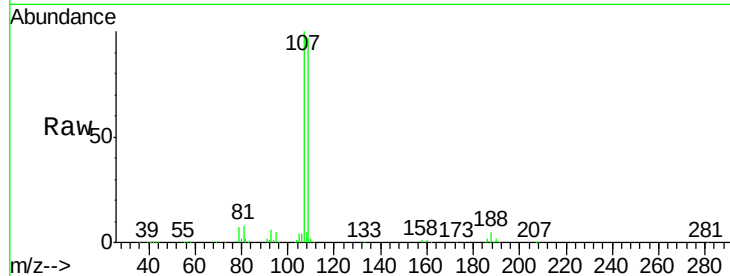
#61
 1,2-Dibromoethane
 Concen: 51.803 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY002931.D
 Acq: 18 Jun 2020 19:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.8	75.6	113.4

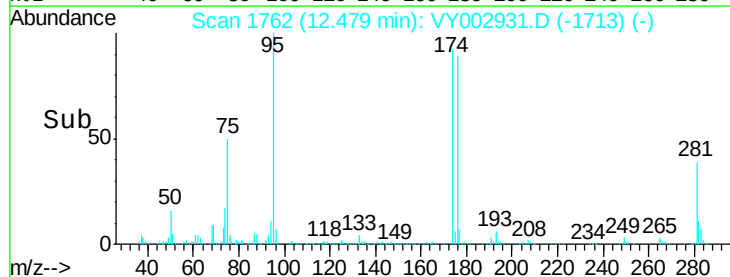
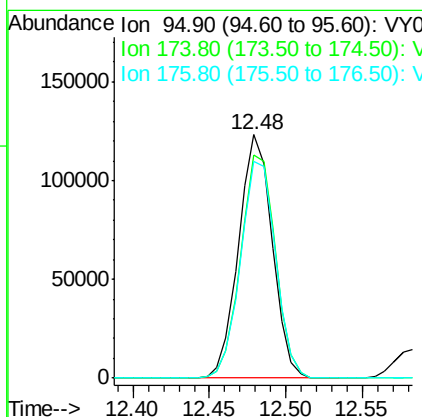
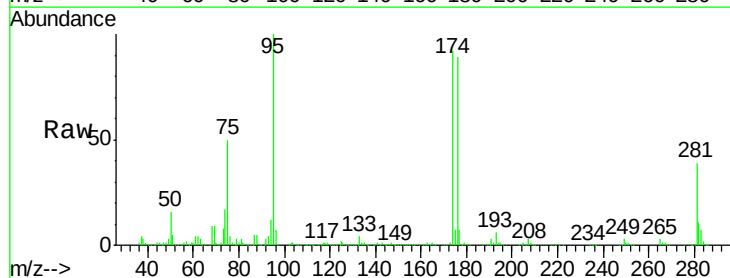
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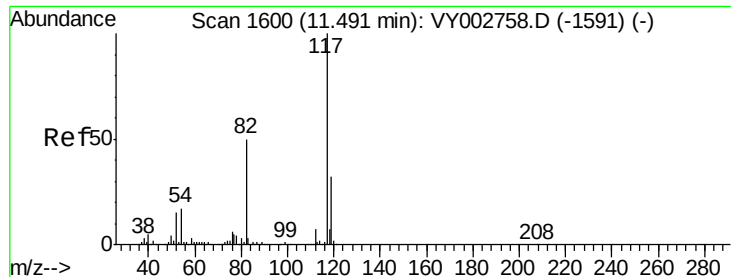
MMDadoda
 6/19/2020 1:12:16 PM



#62
 4-Bromofluorobenzene
 Concen: 51.071 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY002931.D
 Acq: 18 Jun 2020 19:58

Tgt Ion	Ratio	Lower	Upper
95	100		
174	94.8	0.0	191.2
176	92.5	0.0	188.8





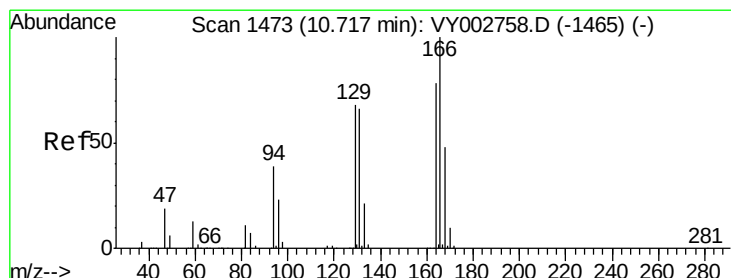
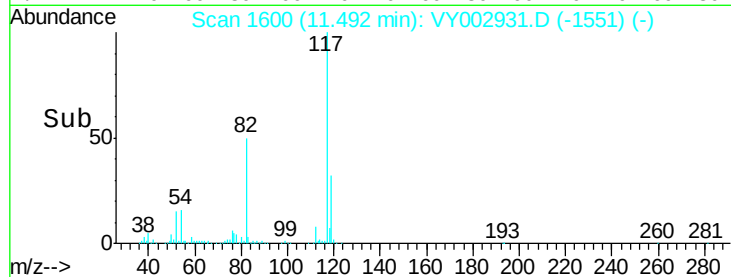
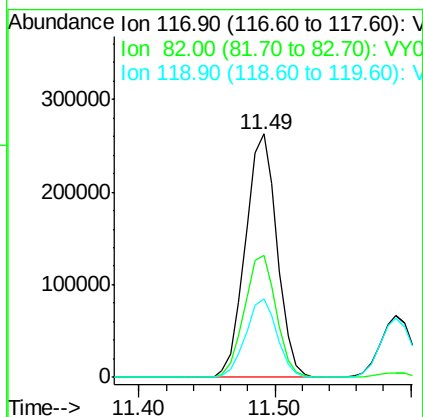
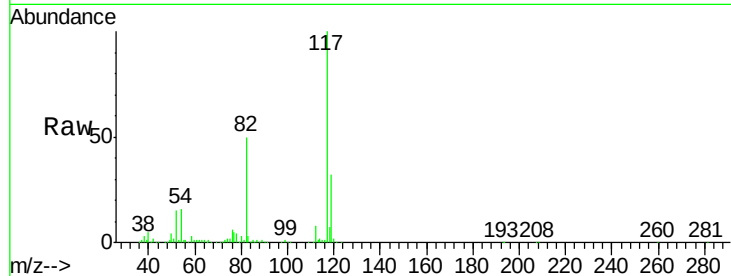
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002931.D
Acq: 18 Jun 2020 19:58

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	49.9	40.2	60.4
119	32.1	25.8	38.8

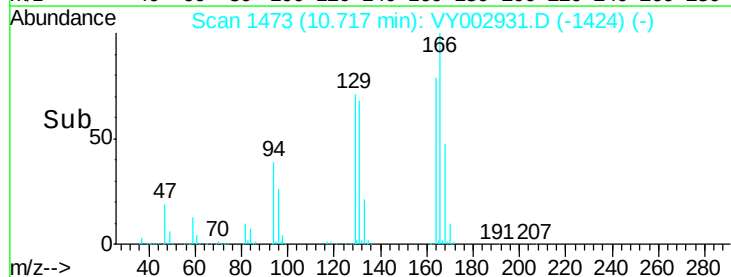
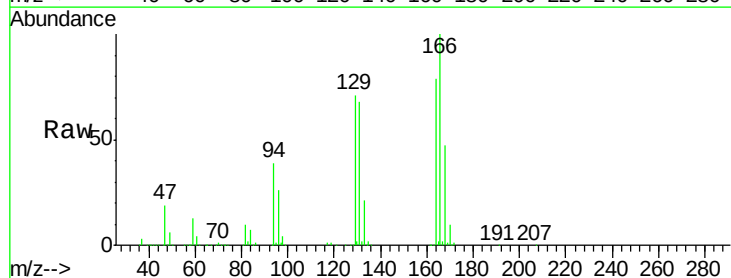
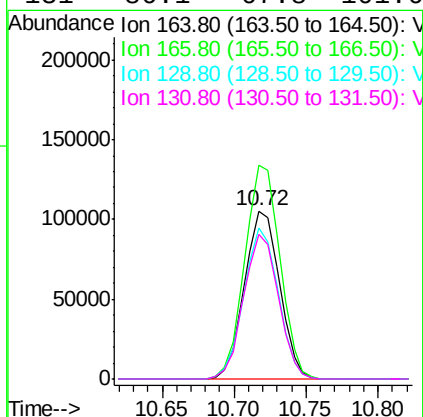
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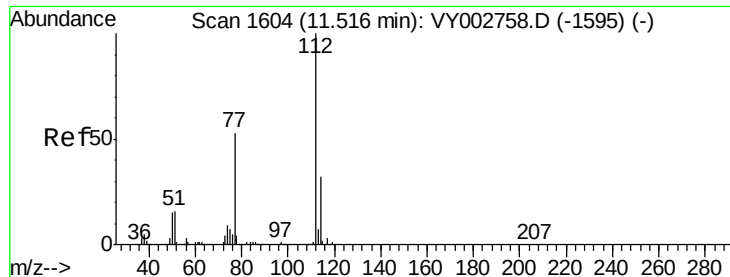
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#64
Tetrachloroethene
Concen: 45.888 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY002931.D
Acq: 18 Jun 2020 19:58

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.3	102.3	153.5
129	90.4	69.4	104.2
131	86.1	67.8	101.6





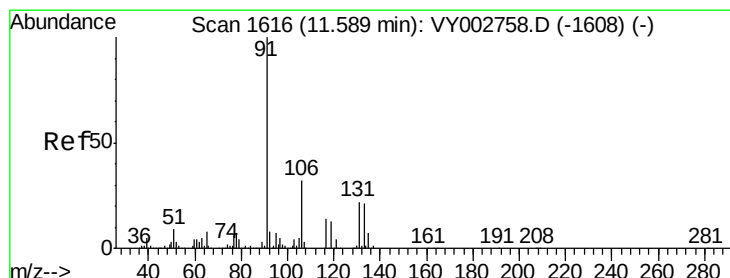
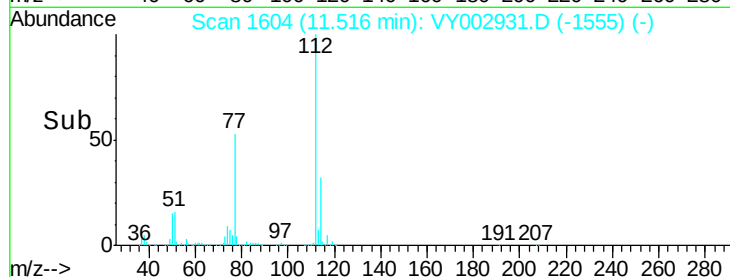
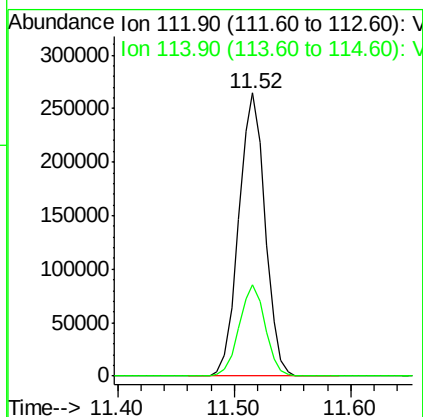
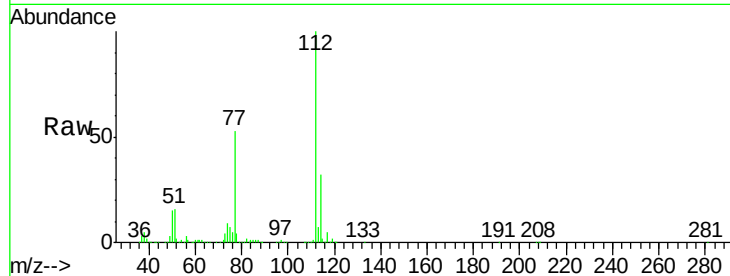
#65
Chlorobenzene
Concen: 49.421 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY002931.D
Acq: 18 Jun 2020 19:58

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.4	25.7	38.5

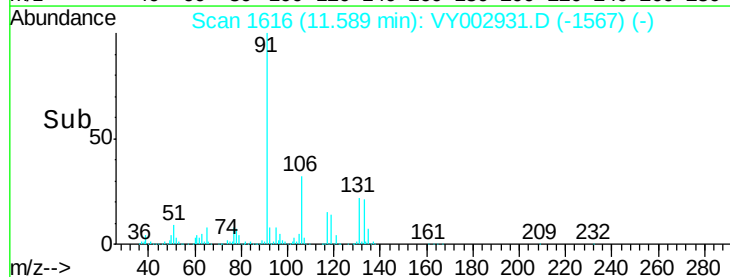
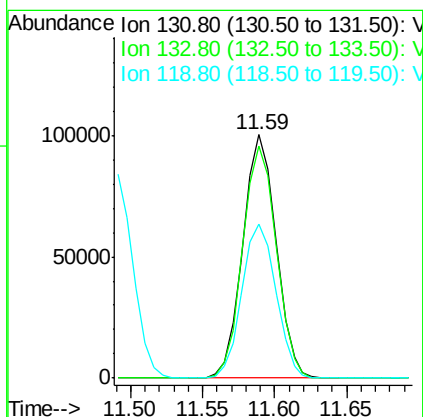
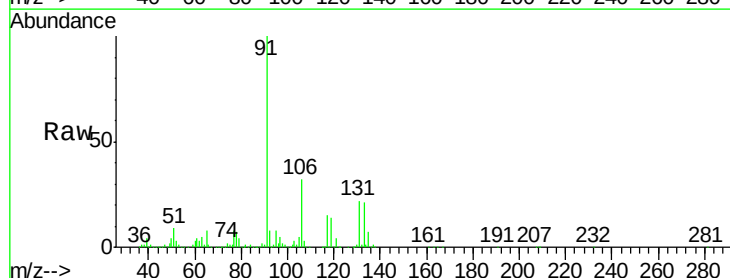
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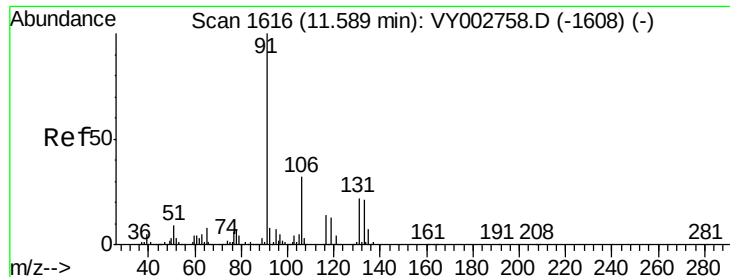
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.589 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY002931.D
Acq: 18 Jun 2020 19:58

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.7	47.6	142.8
119	65.1	31.7	95.1





#67

Ethyl Benzene

Concen: 48.737 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY002931.D

Acq: 18 Jun 2020 19:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 711760

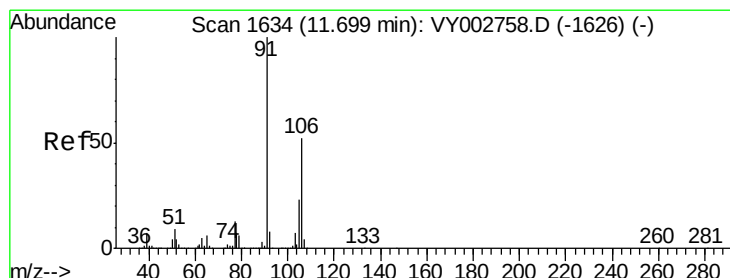
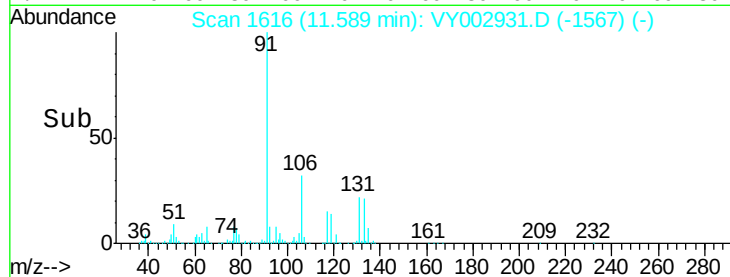
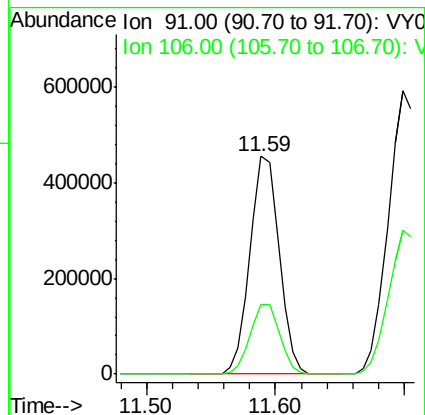
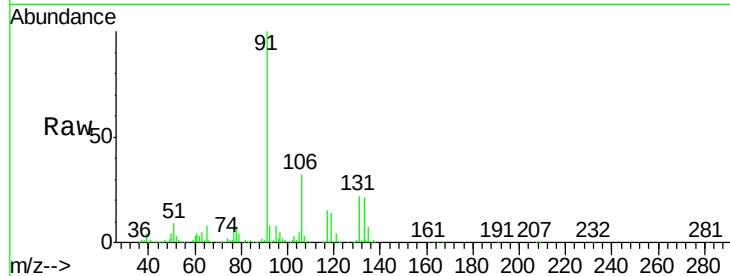
Ion Ratio Lower Upper

91 100

106 31.9 25.7 38.5

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#68

m/p-Xylenes

Concen: 96.570 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VY002931.D

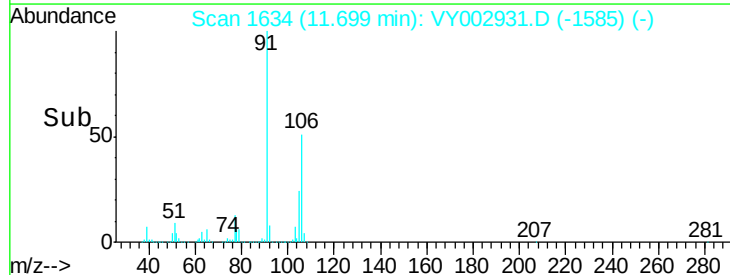
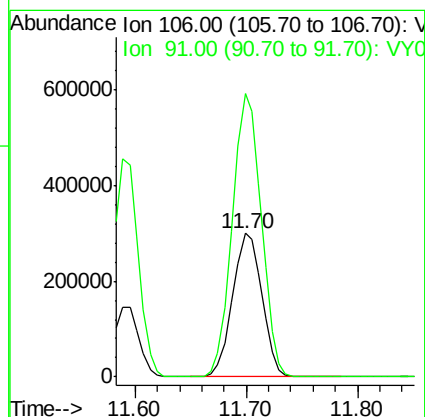
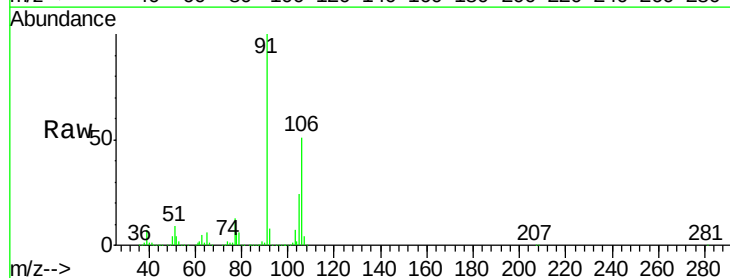
Acq: 18 Jun 2020 19:58

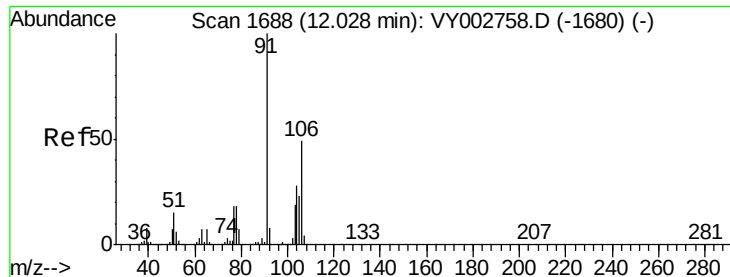
Tgt Ion: 106 Resp: 546800

Ion Ratio Lower Upper

106 100

91 194.3 156.0 234.0





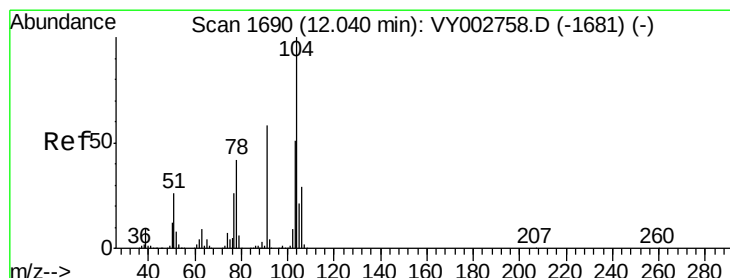
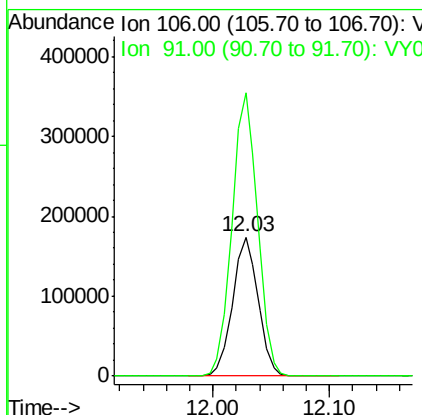
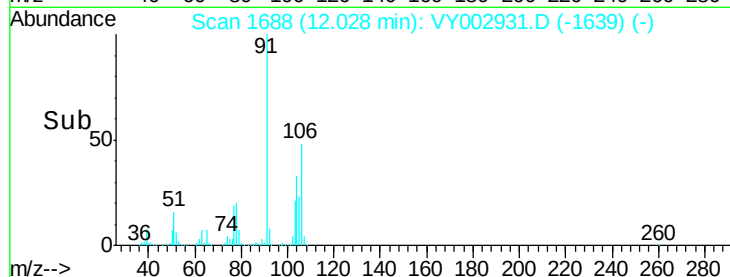
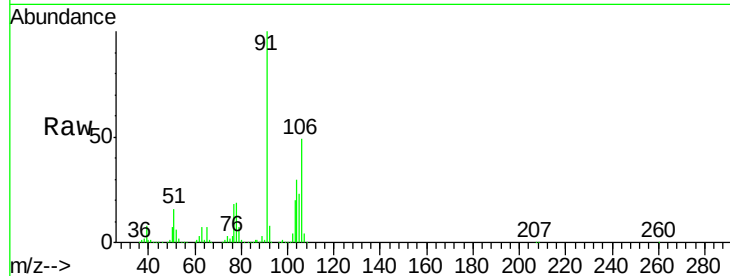
#69
o-Xylene
Concen: 49.439 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY002931.D
Acq: 18 Jun 2020 19:58

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 264267
Ion Ratio Lower Upper
106 100
91 204.8 102.4 307.1

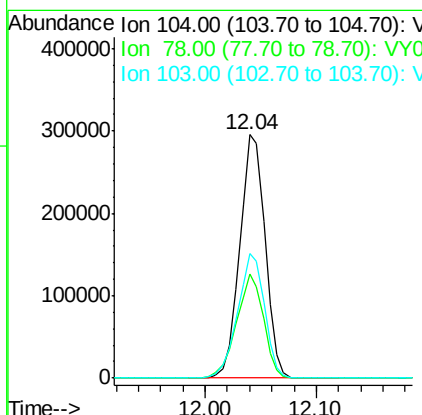
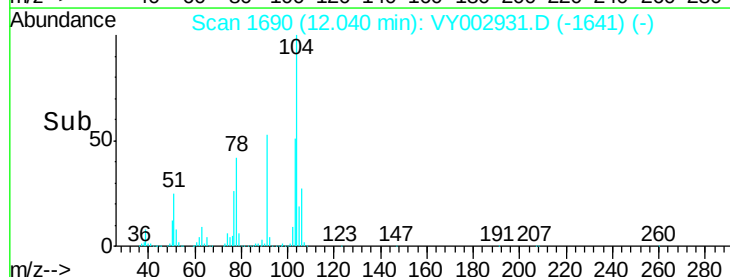
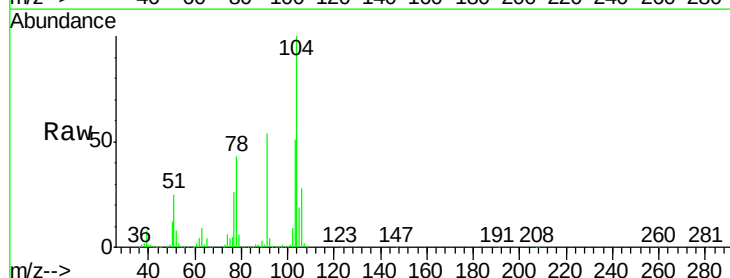
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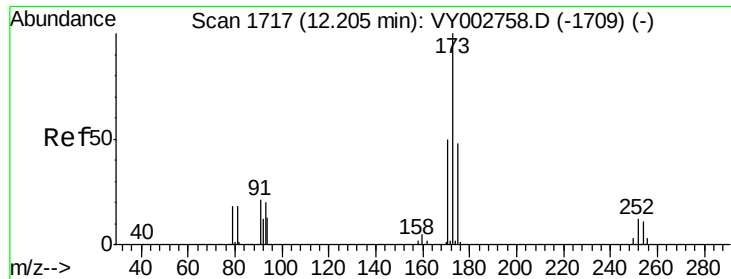
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#70
Styrene
Concen: 50.148 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY002931.D
Acq: 18 Jun 2020 19:58

Tgt Ion:104 Resp: 464688
Ion Ratio Lower Upper
104 100
78 45.5 36.2 54.4
103 54.5 43.6 65.4





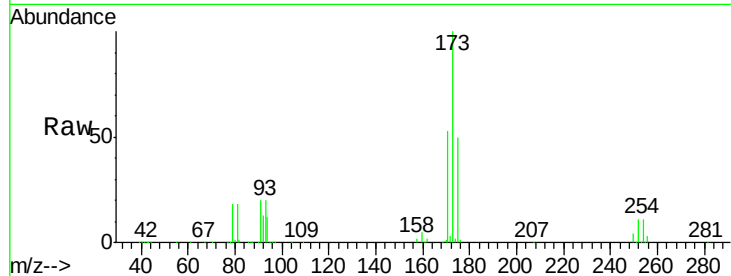
#71
Bromoform
Concen: 52.159 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VY002931.D
Acq: 18 Jun 2020 19:58

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

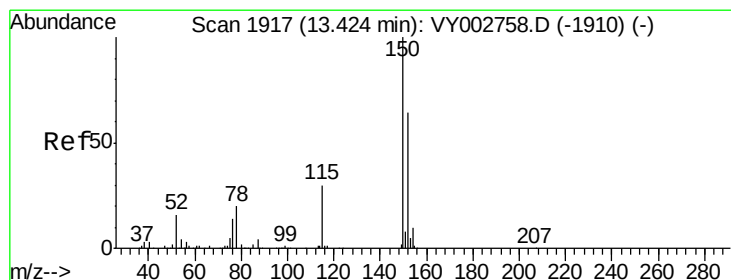
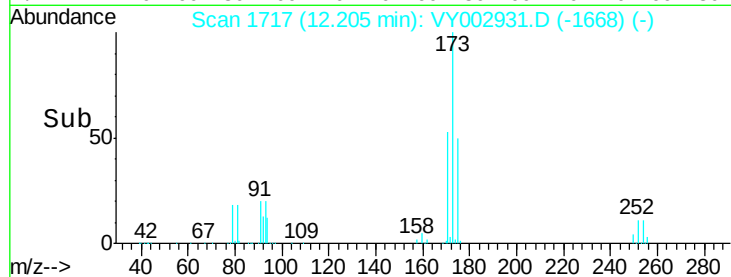
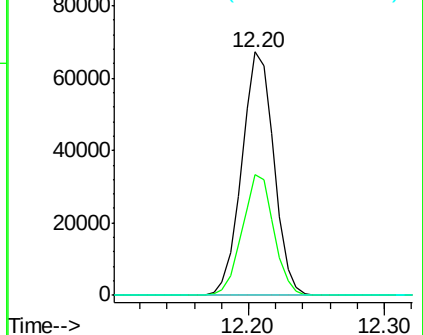
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.3	72.8
254	0.1	0.1	0.1

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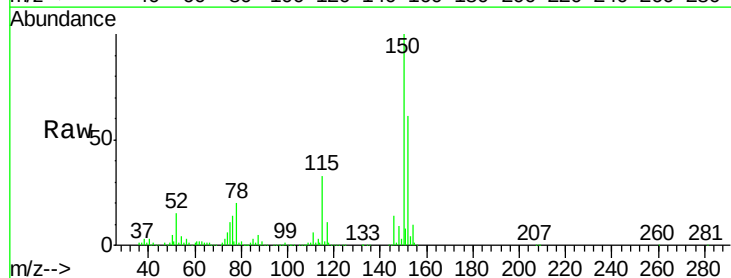


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

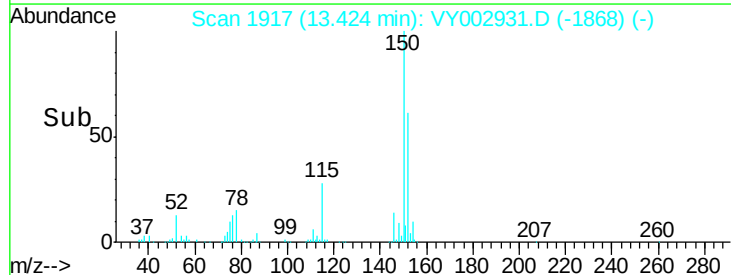
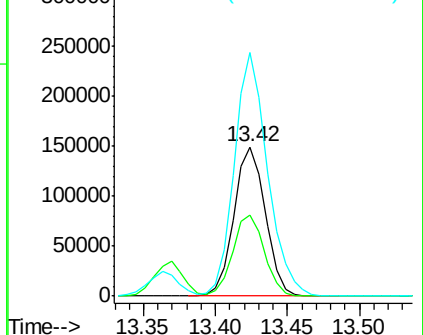


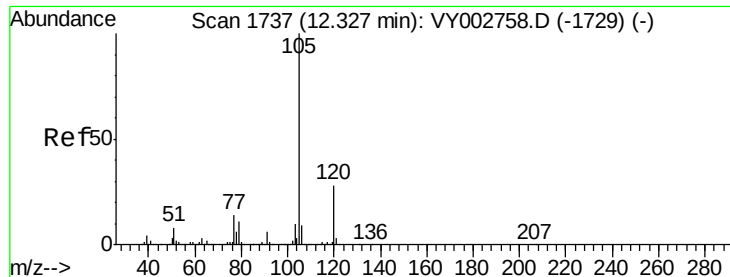
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY002931.D
Acq: 18 Jun 2020 19:58

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.3	27.0	81.0
150	172.1	0.0	344.8



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: 48.836 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY002931.D

Acq: 18 Jun 2020 19:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 712427

Ion Ratio Lower Upper

105 100

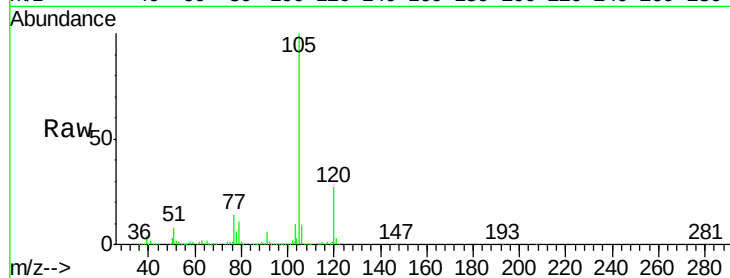
120 27.5 13.7 41.1

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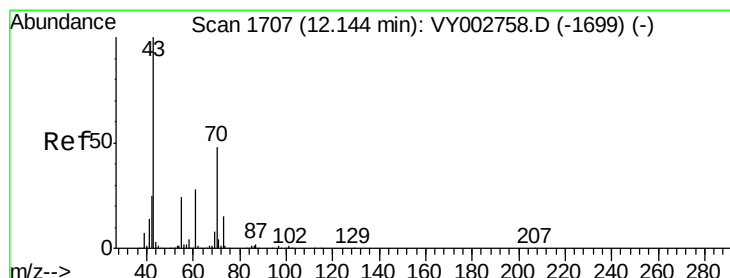
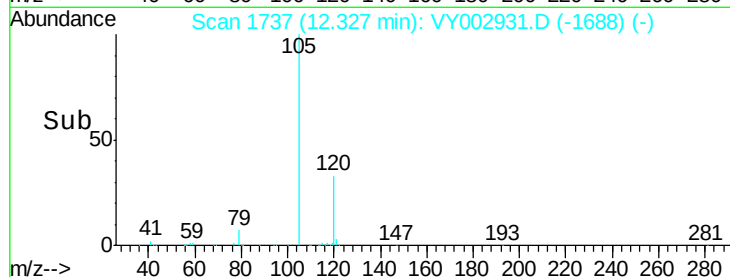
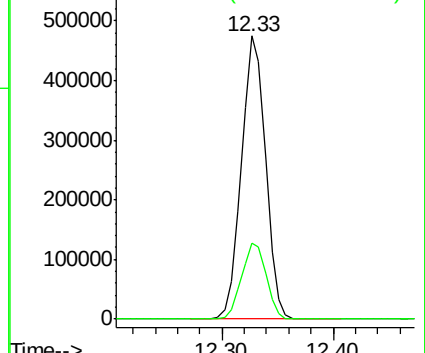
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 53.353 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY002931.D

Acq: 18 Jun 2020 19:58

Tgt Ion: 43 Resp: 199705

Ion Ratio Lower Upper

43 100

70 47.9 37.7 56.5

55 24.8 19.8 29.6

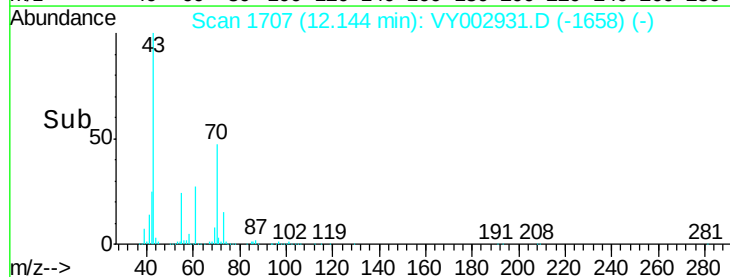
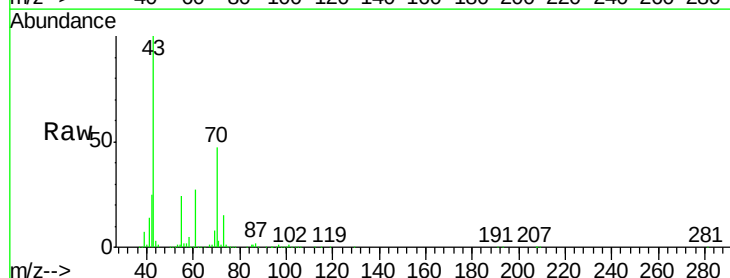
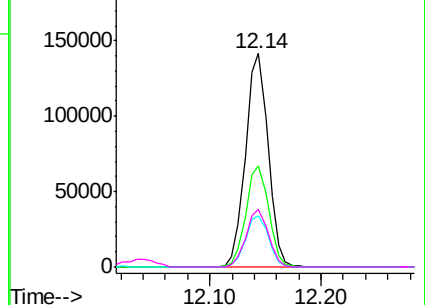
61 26.8 21.7 32.5

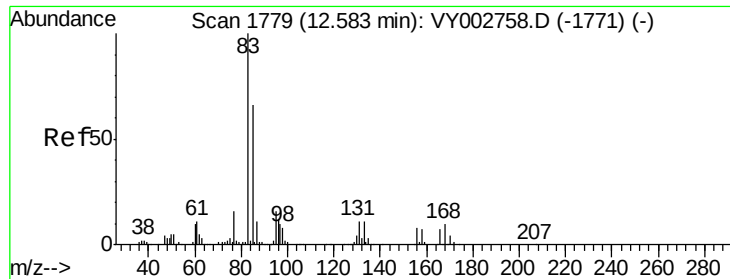
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 55.355 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY002931.D

Acq: 18 Jun 2020 19:58

Instrument :

MSVOA_Y

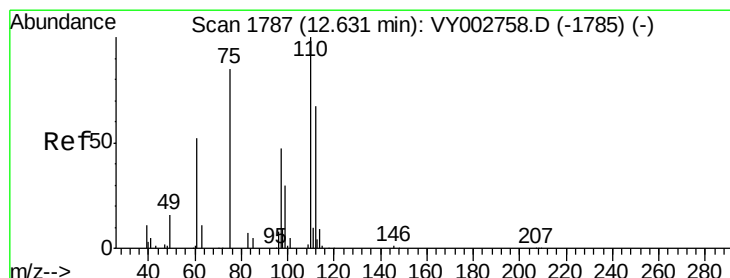
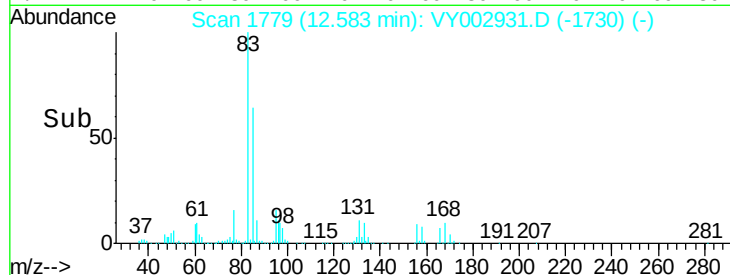
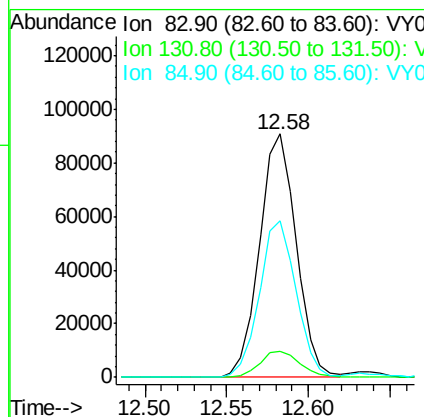
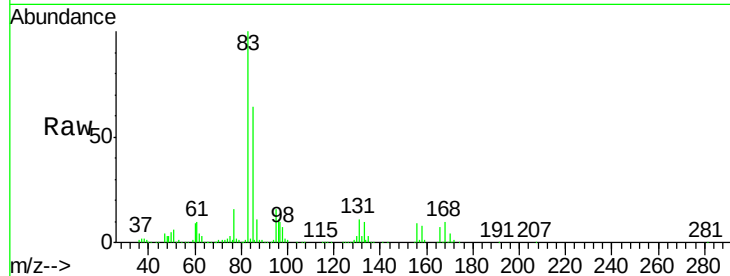
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	141686
Ion Ratio	Lower	Upper	
83	100		
131	11.7	5.8	17.4
85	64.3	32.6	98.0

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#76

1,2,3-Trichloropropane

Concen: 51.397 ug/l m

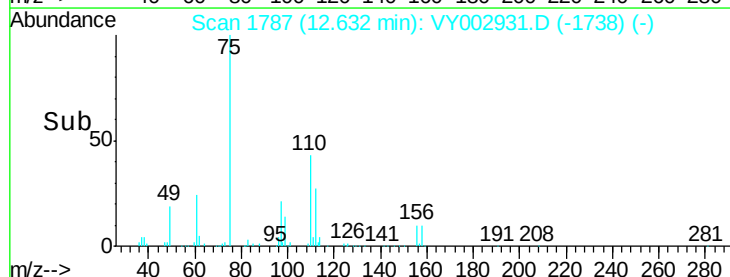
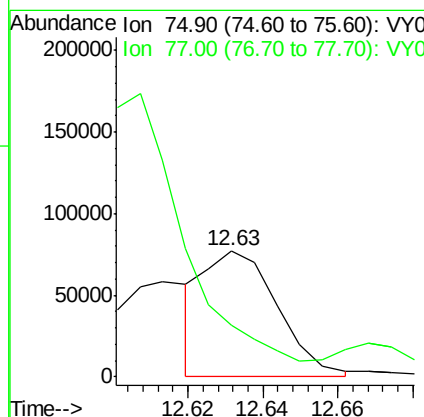
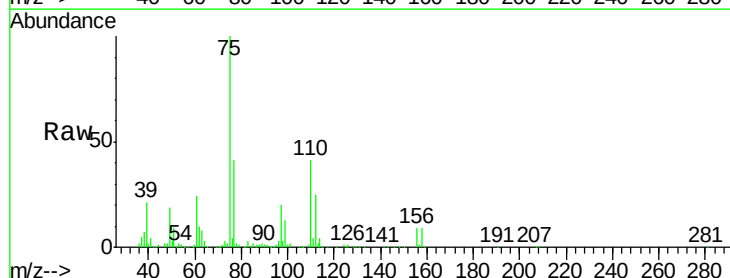
RT: 12.63 min Scan# 1787

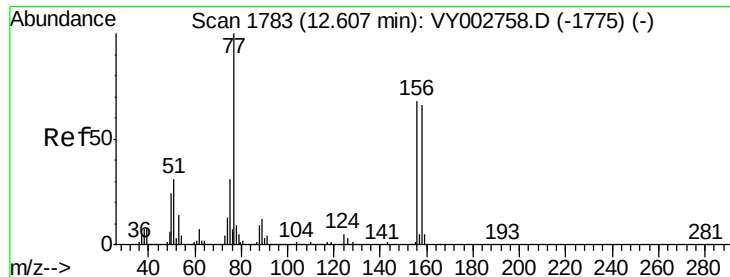
Delta R.T. 0.00 min

Lab File: VY002931.D

Acq: 18 Jun 2020 19:58

Tgt Ion:	75	Resp:	105425
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





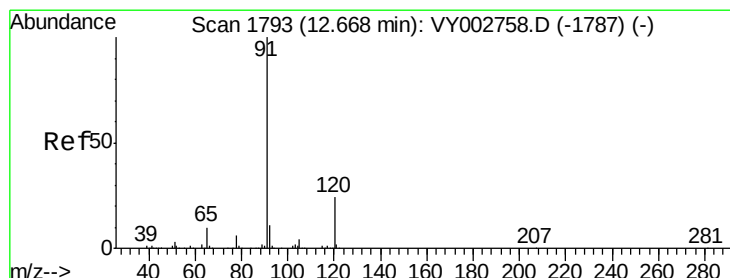
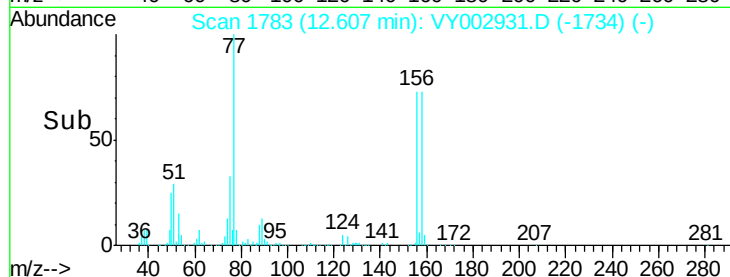
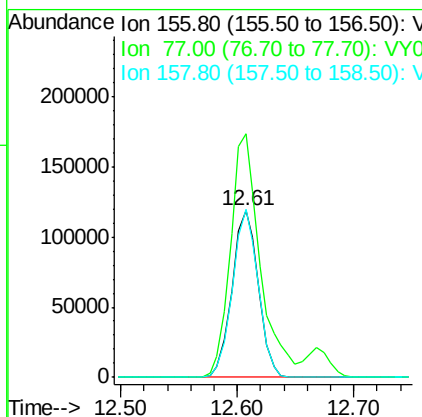
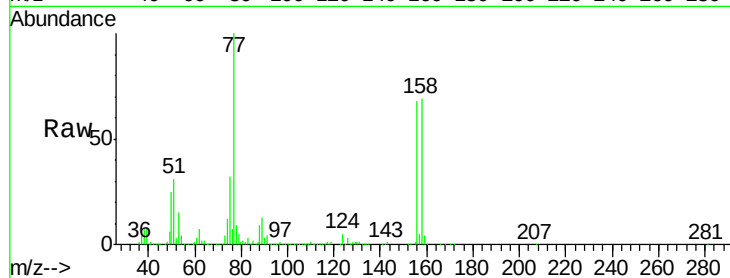
#77
Bromobenzene
Concen: 49.047 ug/l
RT: 12.61 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VY002931.D
Acq: 18 Jun 2020 19:58

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	165.3	81.4	244.2
158	98.3	48.5	145.6

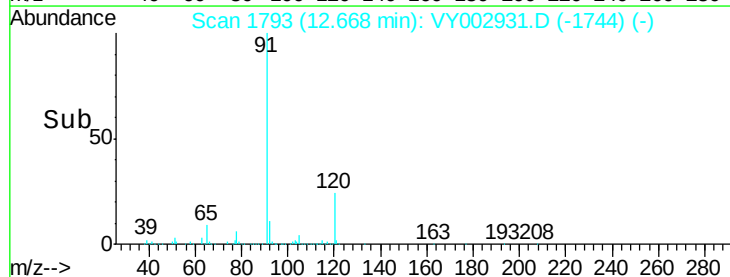
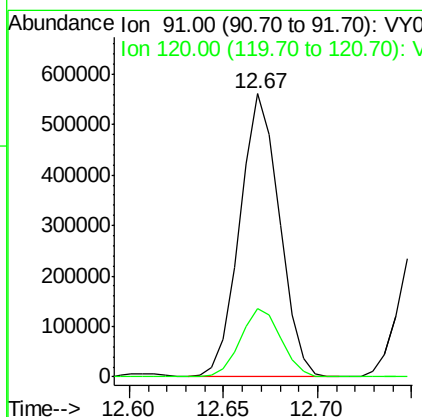
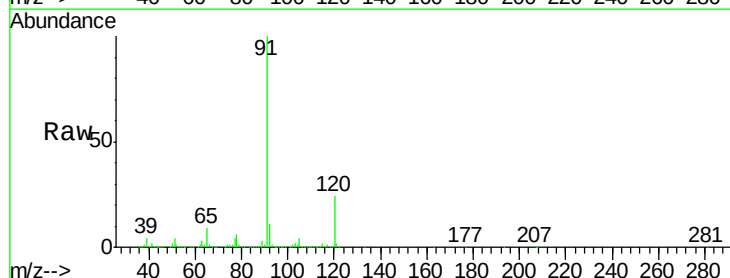
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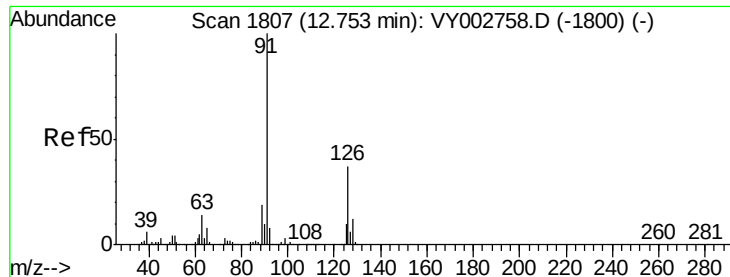
MMDadoda
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#78
n-propylbenzene
Concen: 48.599 ug/l
RT: 12.67 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VY002931.D
Acq: 18 Jun 2020 19:58

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.6	12.3	36.9





#79

2-Chlorotoluene

Concen: 49.126 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY002931.D

Acq: 18 Jun 2020 19:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 464367

Ion Ratio Lower Upper

91 100

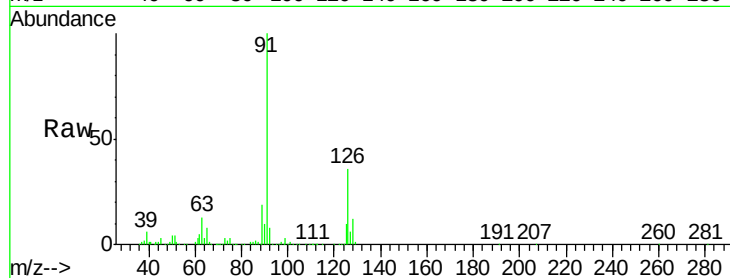
126 36.7 18.4 55.4

Manual Integrations

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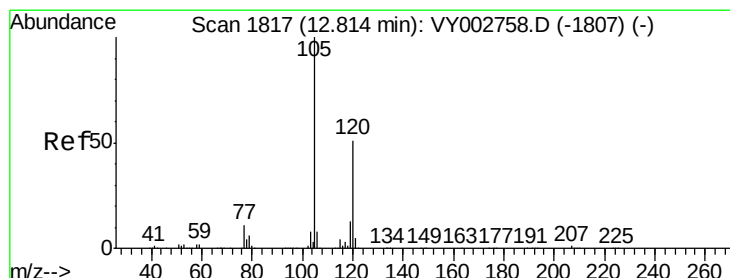
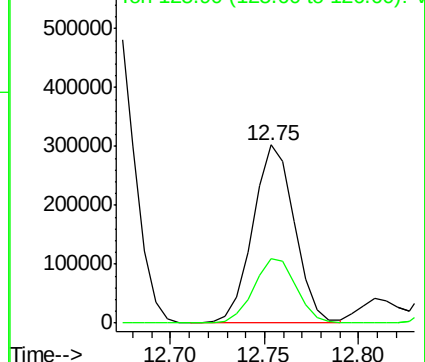
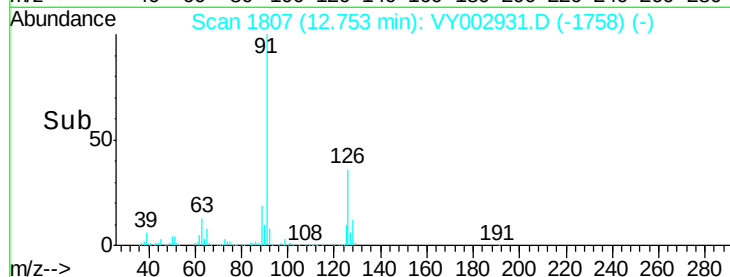
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VY002931.D (-1758) (-)

Ion 125.90 (125.60 to 126.60): VY002931.D (-1758) (-)



#80

1,3,5-Trimethylbenzene

Concen: 48.942 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.01 min

Lab File: VY002931.D

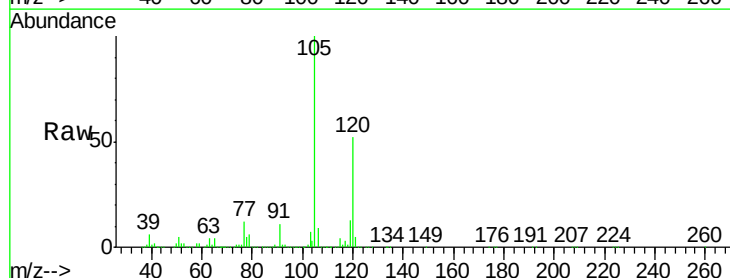
Acq: 18 Jun 2020 19:58

Tgt Ion: 105 Resp: 596138

Ion Ratio Lower Upper

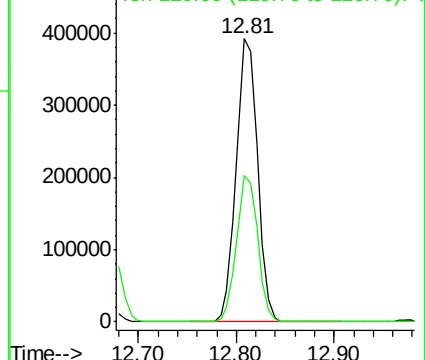
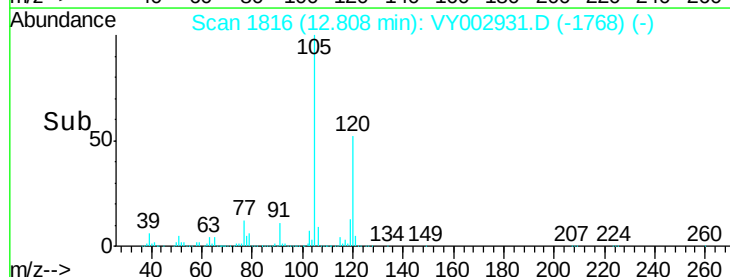
105 100

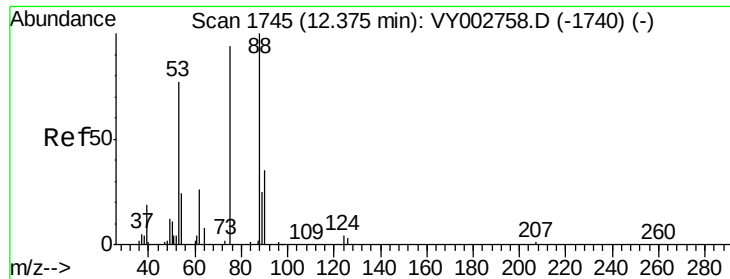
120 51.2 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): VY002931.D (-1768) (-)

Ion 120.00 (119.70 to 120.70): VY002931.D (-1768) (-)





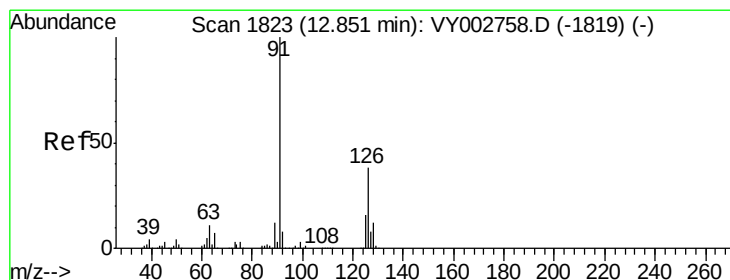
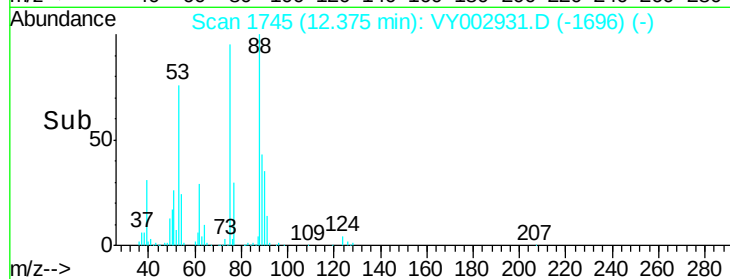
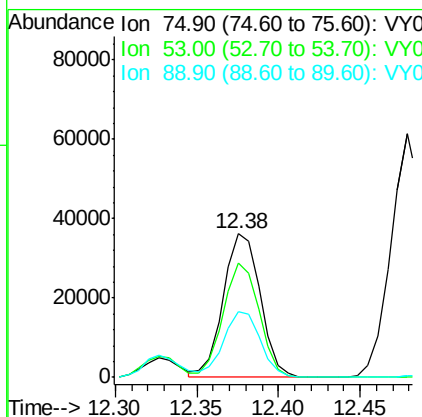
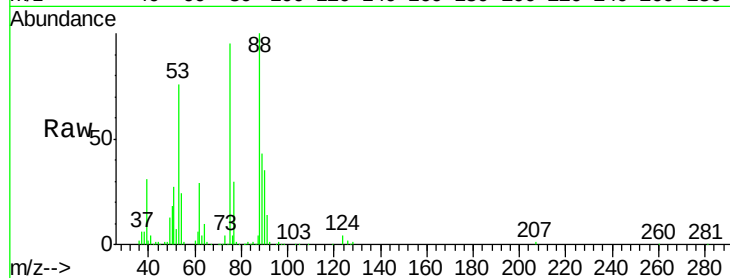
#81
trans-1,4-Dichloro-2-butene
Concen: 51.983 ug/l
RT: 12.38 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VY002931.D
Acq: 18 Jun 2020 19:58

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	79.1	64.0	96.0
89	46.1	37.4	56.2

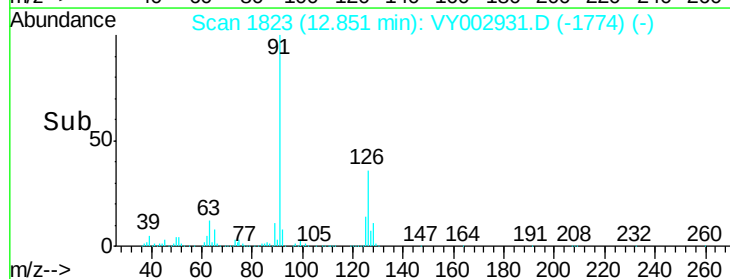
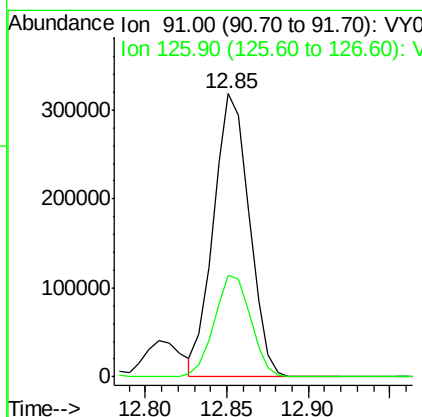
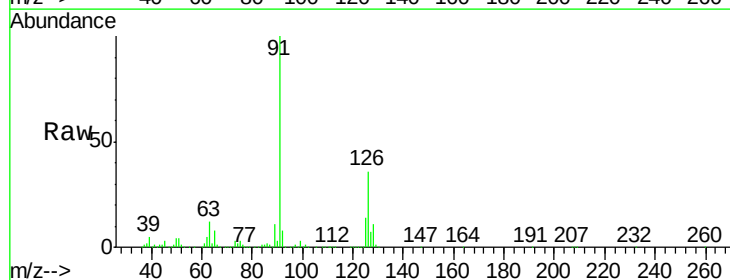
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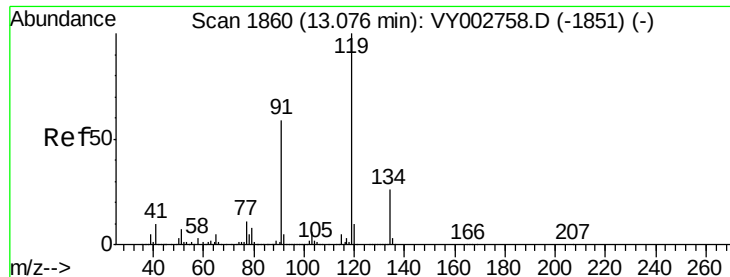
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#82
4-Chlorotoluene
Concen: 48.952 ug/l
RT: 12.85 min Scan# 1823
Delta R.T. 0.00 min
Lab File: VY002931.D
Acq: 18 Jun 2020 19:58

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.8	18.5	55.5





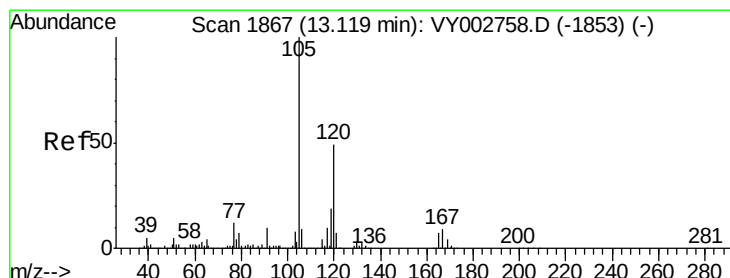
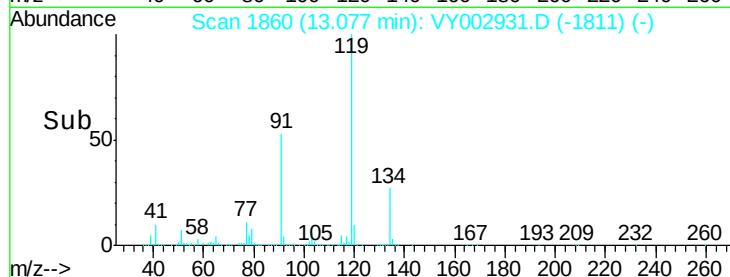
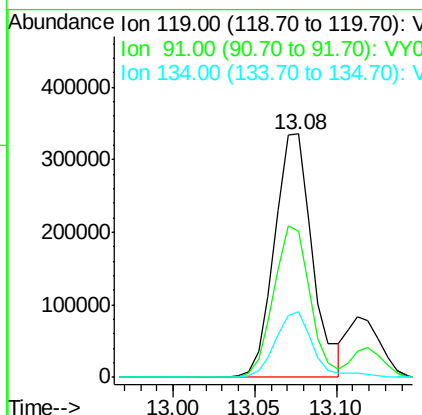
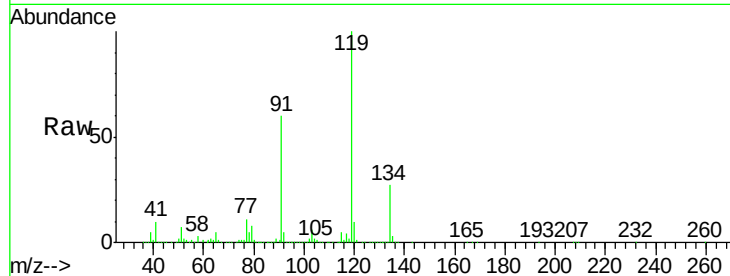
#83
 tert-Butylbenzene
 Concen: 49.425 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VY002931.D
 Acq: 18 Jun 2020 19:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	59.8	29.8	89.4
134	26.8	13.3	39.8

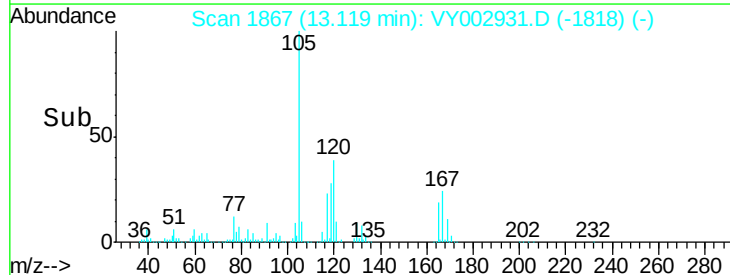
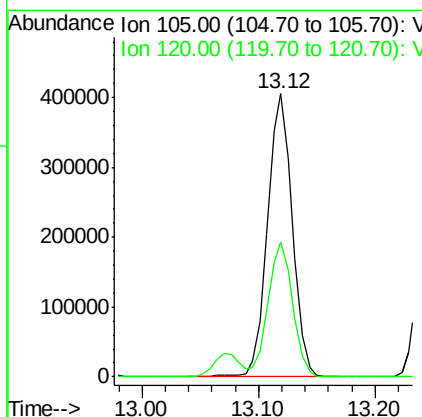
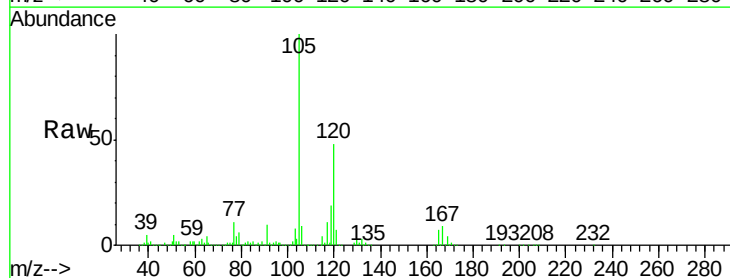
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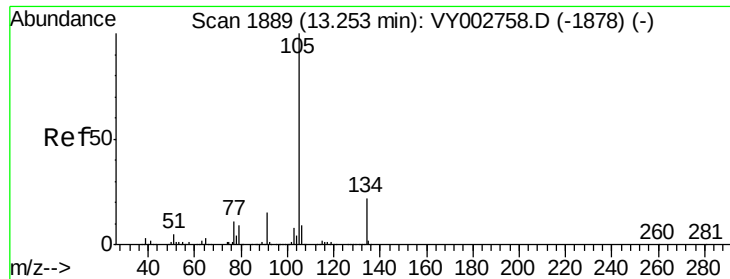
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#84
 1,2,4-Trimethylbenzene
 Concen: 48.821 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VY002931.D
 Acq: 18 Jun 2020 19:58

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.5	23.6	70.8





#85

sec-Butylbenzene

Concen: 48.349 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY002931.D

Acq: 18 Jun 2020 19:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 718278

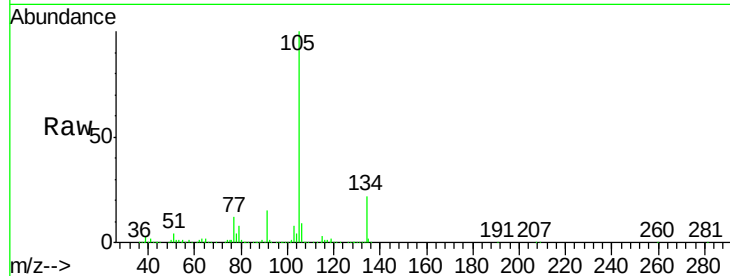
Ion Ratio Lower Upper

105 100

134 21.5 10.8 32.4

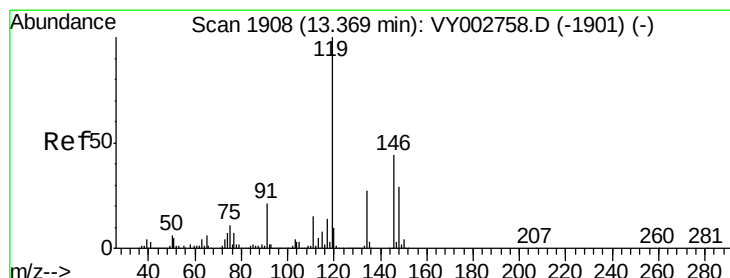
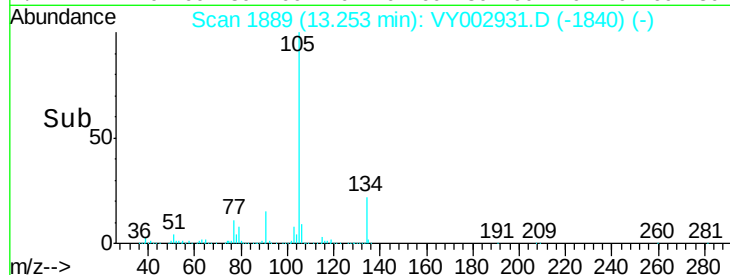
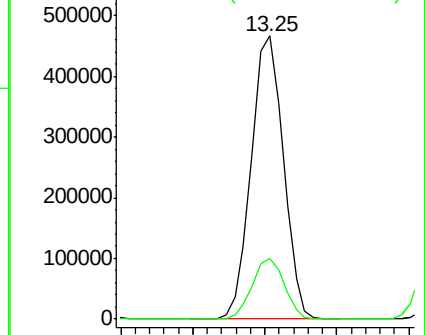
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.127 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY002931.D

Acq: 18 Jun 2020 19:58

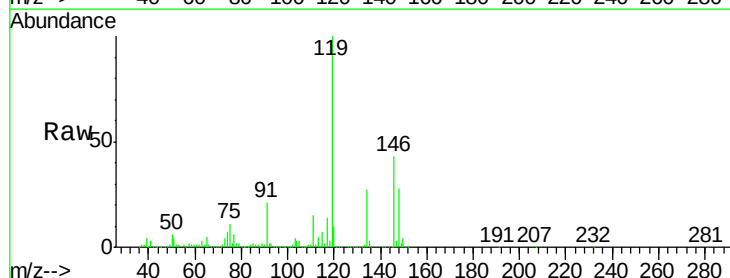
Tgt Ion:119 Resp: 679105

Ion Ratio Lower Upper

119 100

134 26.8 13.7 41.0

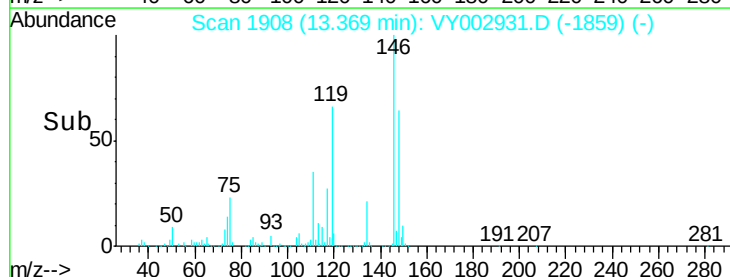
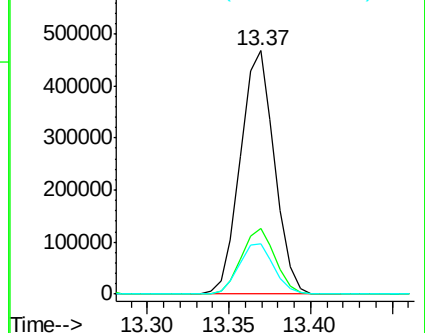
91 21.3 10.8 32.4

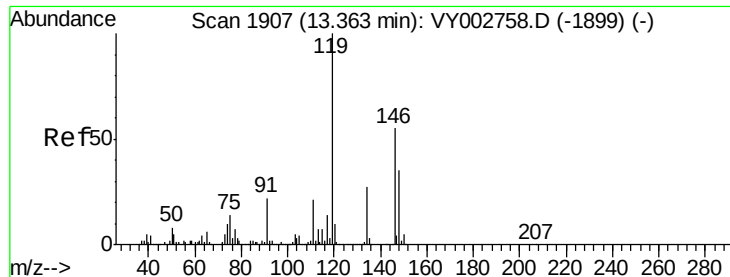


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 49.369 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VY002931.D

Acq: 18 Jun 2020 19:58

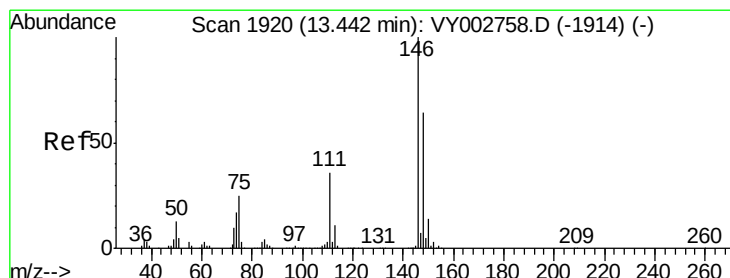
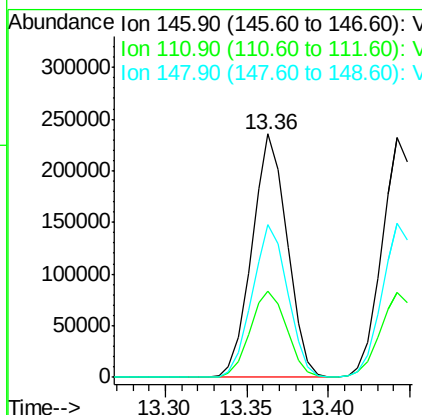
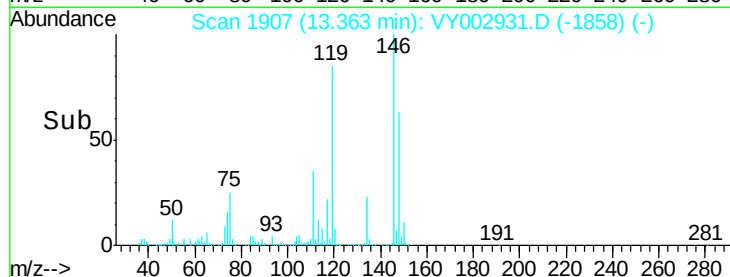
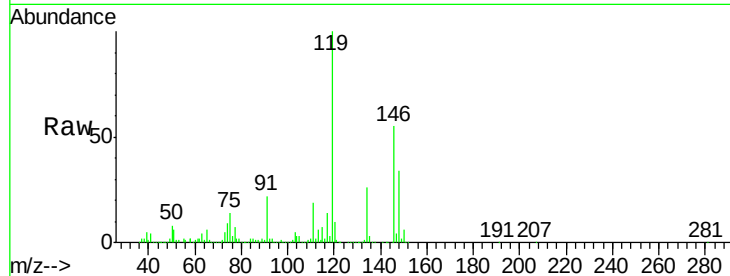
Instrument :
MSVOA_Y

ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.4	18.4	55.0
148	63.0	31.9	95.7

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#88

1,4-Dichlorobenzene

Concen: 48.716 ug/l

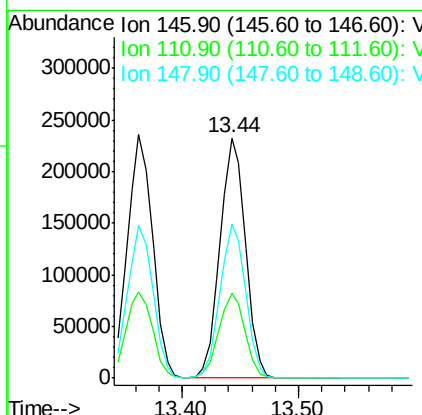
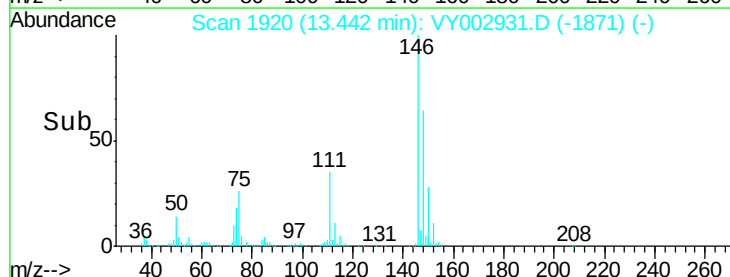
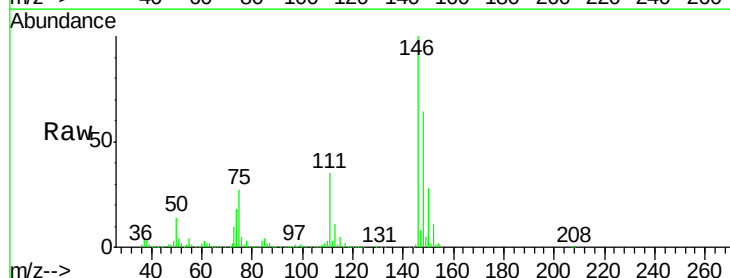
RT: 13.44 min Scan# 1920

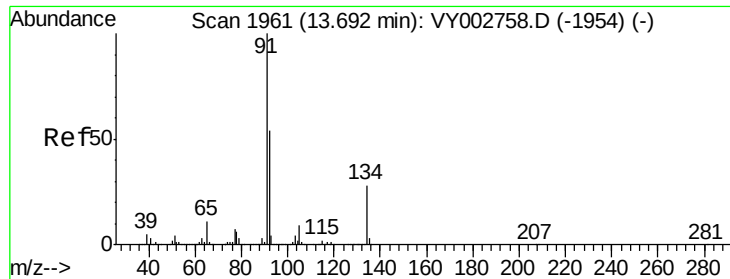
Delta R.T. 0.00 min

Lab File: VY002931.D

Acq: 18 Jun 2020 19:58

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.1	18.1	54.3
148	64.4	32.1	96.3





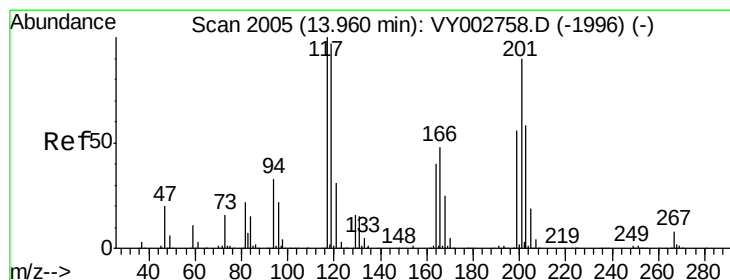
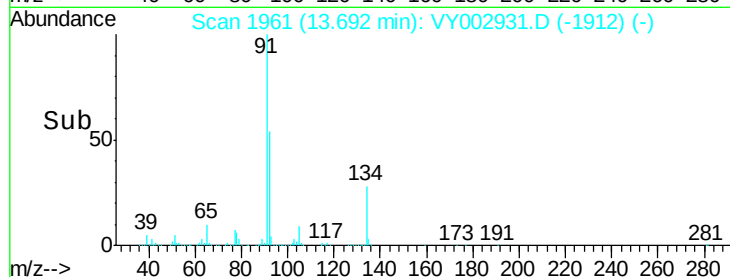
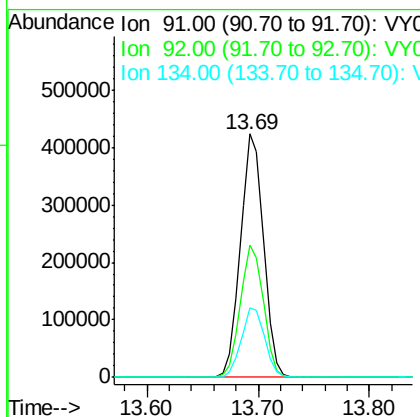
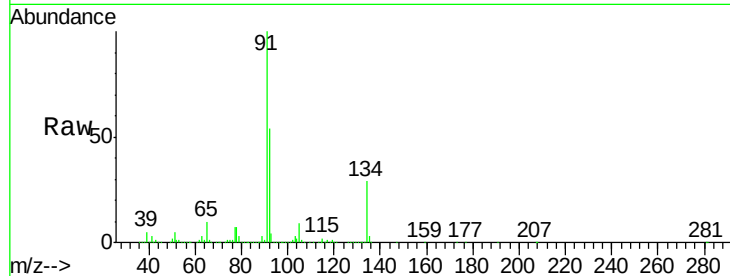
#89
n-Butylbenzene
Concen: 48.240 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY002931.D
Acq: 18 Jun 2020 19:58

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.3	27.1	81.2
134	28.9	14.3	42.9

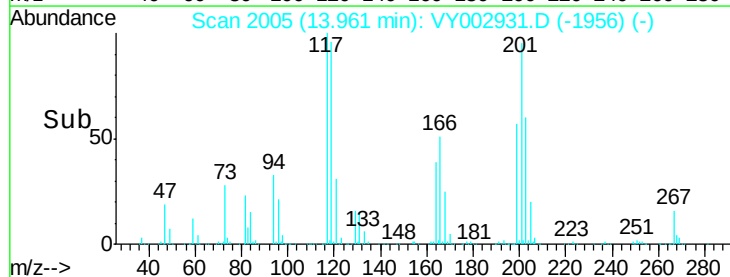
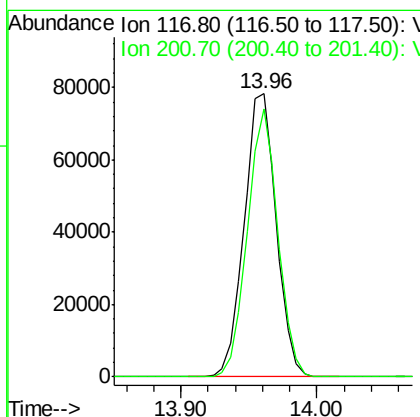
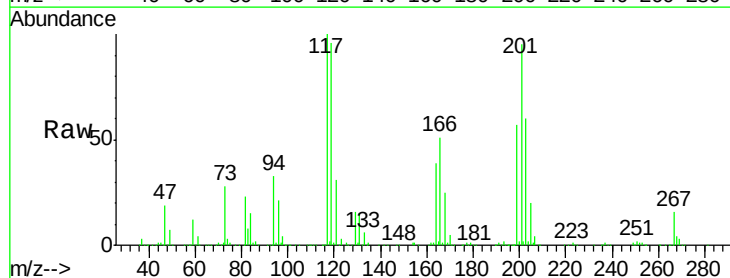
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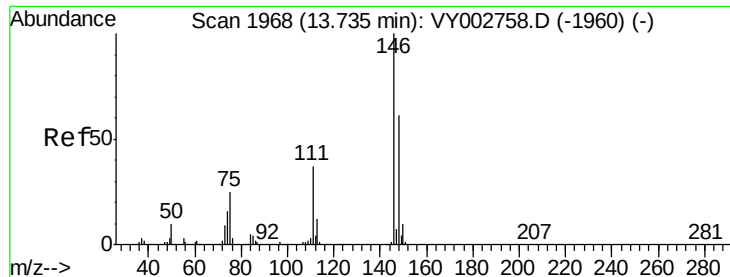
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#90
Hexachloroethane
Concen: 49.845 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY002931.D
Acq: 18 Jun 2020 19:58

Tgt Ion	Ratio	Lower	Upper
117	100		
201	90.0	43.9	131.6





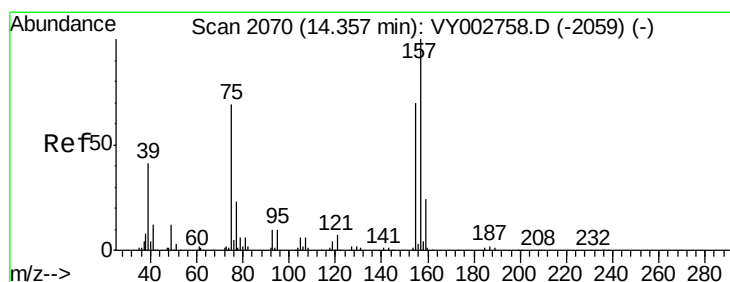
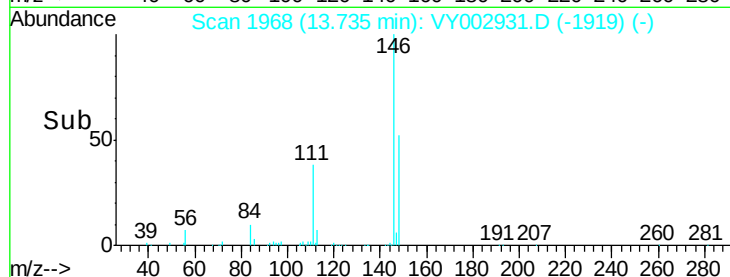
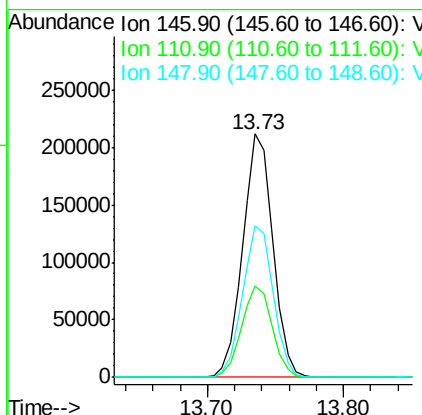
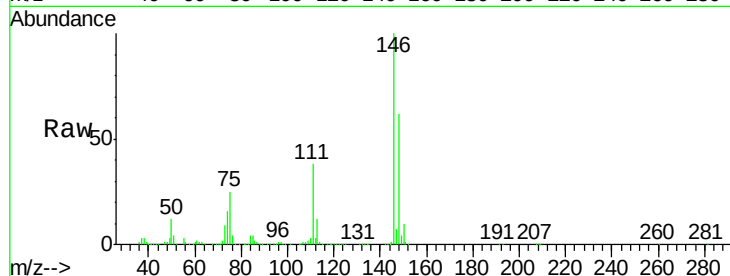
#91
 1,2-Dichlorobenzene
 Concen: 50.178 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY002931.D
 Acq: 18 Jun 2020 19:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.9	56.9
148	63.4	31.9	95.5

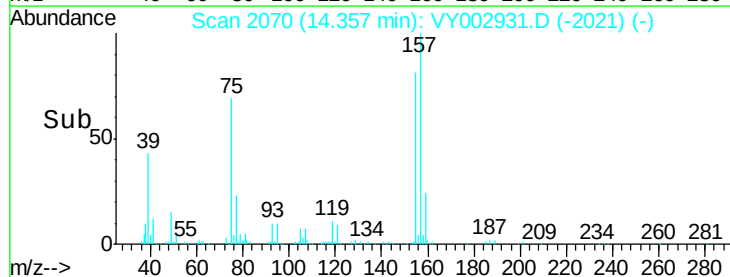
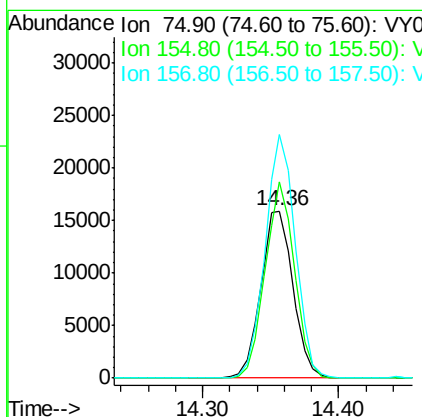
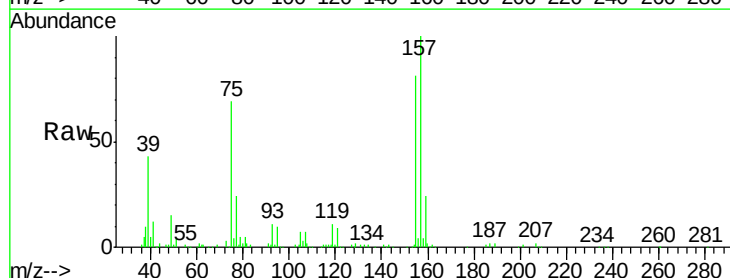
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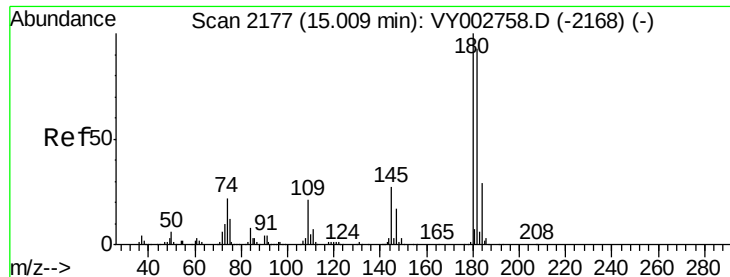
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.773 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY002931.D
 Acq: 18 Jun 2020 19:58

Tgt Ion	Ratio	Lower	Upper
75	100		
155	106.9	53.5	160.5
157	135.9	69.9	209.7





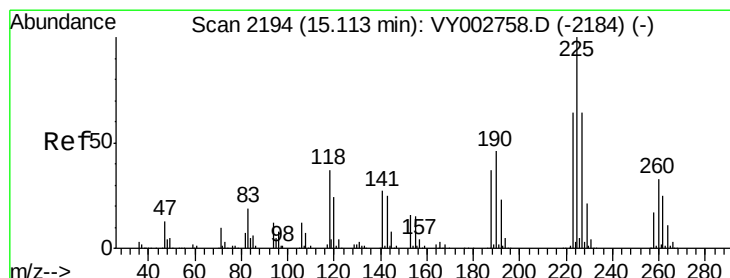
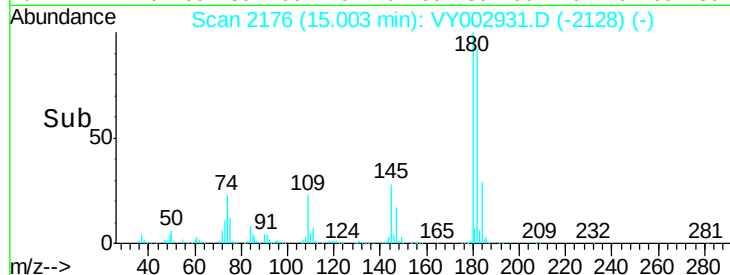
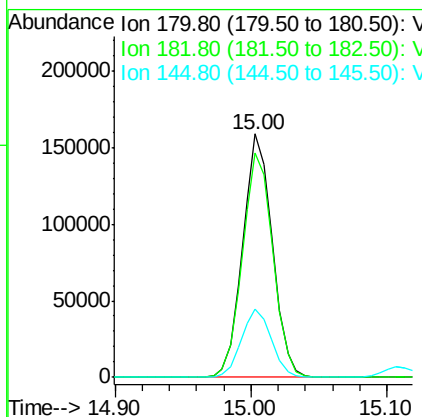
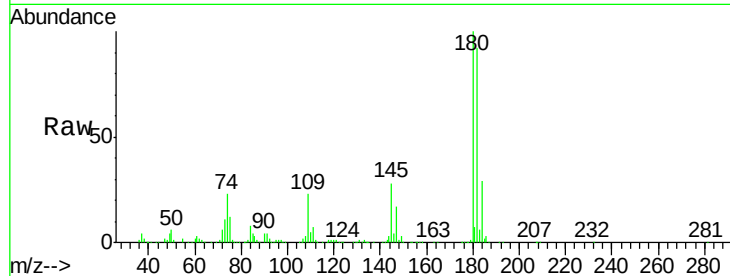
#93
 1,2,4-Trichlorobenzene
 Concen: 49.121 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.01 min
 Lab File: VY002931.D
 Acq: 18 Jun 2020 19:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.5	47.3	141.9
145	28.4	14.1	42.3

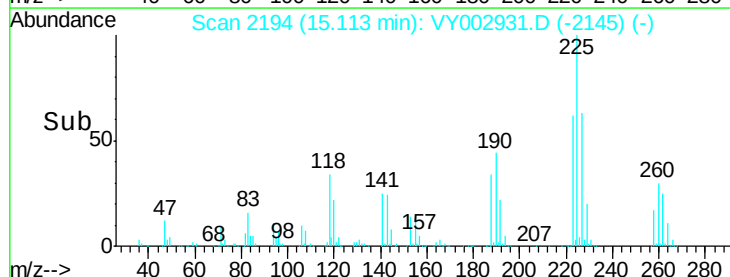
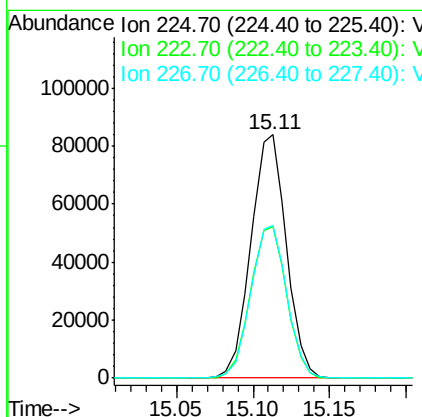
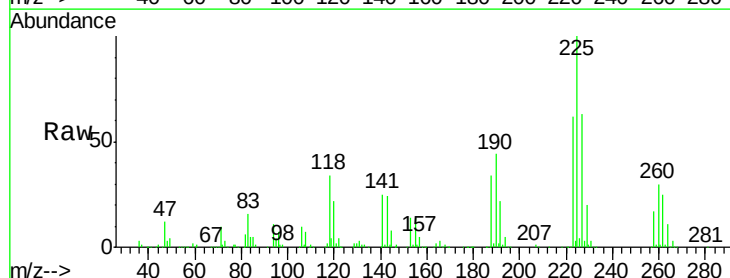
Manual Integrations
 APPROVED

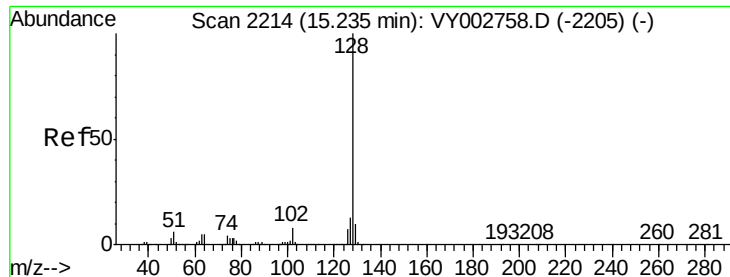
MMDadoda
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#94
 Hexachlorobutadiene
 Concen: 48.440 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY002931.D
 Acq: 18 Jun 2020 19:58

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.6	31.6	95.0
227	63.5	32.3	96.9





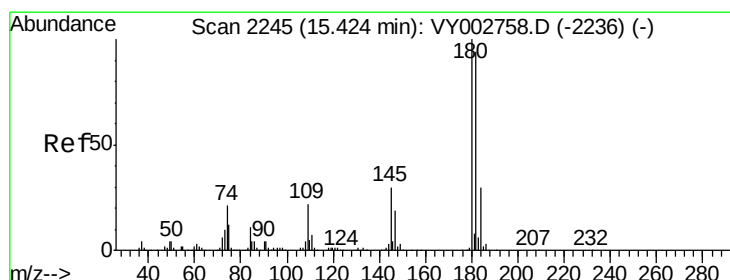
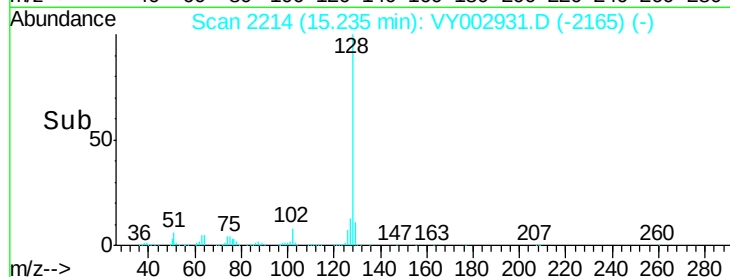
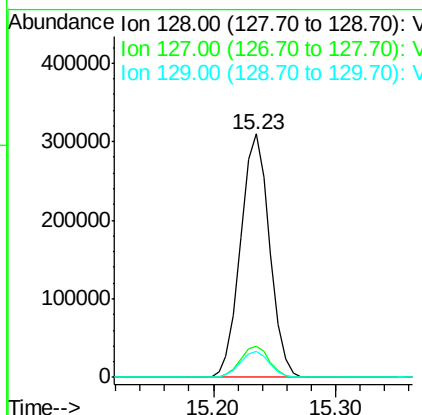
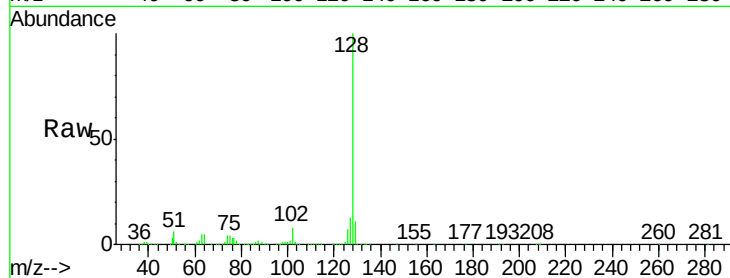
#95
Naphthalene
Concen: 51.568 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY002931.D
Acq: 18 Jun 2020 19:58

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp Lower	Upper
128	100		
127	12.8	10.3	15.5
129	10.9	8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 49.422 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY002931.D
Acq: 18 Jun 2020 19:58

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	96.4	48.1	144.4
145	30.6	15.1	45.3

