

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY062220\
 Data File : VY002963.D
 Acq On : 22 Jun 2020 10:35
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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 6/23/2020 8:13:11 PM

Quant Time: Jun 22 14:31:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y061920S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 20 06:39:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	338894	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	488987	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	457374	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	246058	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	135611	48.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.90%	
35) Dibromofluoromethane	7.72	113	140011	50.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.20%	
50) Toluene-d8	10.18	98	558130	51.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.32%	
62) 4-Bromofluorobenzene	12.48	95	190955	50.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	109556	50.708	ug/l	98
3) Chloromethane	2.12	50	123535	50.359	ug/l	99
4) Vinyl Chloride	2.26	62	132802	50.421	ug/l	99
5) Bromomethane	2.65	94	93229	47.969	ug/l	99
6) Chloroethane	2.80	64	79322	46.563	ug/l	97
7) Trichlorofluoromethane	3.13	101	218143	46.122	ug/l	97
8) Diethyl Ether	3.54	74	76689	44.939	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.91	101	128293	45.039	ug/l	99
10) Methyl Iodide	4.10	142	183954	46.646	ug/l	99
11) Tert butyl alcohol	4.97	59	66889	218.866	ug/l	99
12) 1,1-Dichloroethene	3.88	96	131303	46.485	ug/l	98
13) Acrolein	3.74	56	74002	263.156	ug/l	100
14) Allyl chloride	4.49	41	181799	44.623	ug/l	99
15) Acrylonitrile	5.18	53	181123	221.299	ug/l	99
16) Acetone	3.96	43	192735	277.996	ug/l	96
17) Carbon Disulfide	4.20	76	407514	48.799	ug/l	99
18) Methyl Acetate	4.49	43	73140	41.016	ug/l	97
19) Methyl tert-butyl Ether	5.23	73	348116	45.249	ug/l	98
20) Methylene Chloride	4.72	84	144404	41.868	ug/l	94
21) trans-1,2-Dichloroethene	5.23	96	145043	46.249	ug/l	96
22) Diisopropyl ether	6.13	45	362394	43.569	ug/l	96
23) Vinyl Acetate	6.07	43	1247578	231.876	ug/l	100
24) 1,1-Dichloroethane	6.03	63	221681	44.988	ug/l	99
25) 2-Butanone	6.99	43	240005	231.019	ug/l	100
26) 2,2-Dichloropropane	6.99	77	212302	46.130	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	159600	45.533	ug/l	99
28) Bromochloromethane	7.34	49	98000	47.567	ug/l	97
29) Tetrahydrofuran	7.35	42	145122	216.253	ug/l	98
30) Chloroform	7.52	83	236588	45.842	ug/l	97
31) Cyclohexane	7.79	56	208062	43.287	ug/l	100
32) 1,1,1-Trichloroethane	7.71	97	219796	46.219	ug/l	100
36) 1,1-Dichloropropene	7.93	75	186110	46.864	ug/l	100
37) Ethyl Acetate	7.08	43	97946	44.417	ug/l	98
38) Carbon Tetrachloride	7.91	117	210672	48.137	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	243060	46.431	ug/l	99
40) Benzene	8.16	78	545317	46.123	ug/l	99
41) Methacrylonitrile	7.33	41	51686m	46.818	ug/l	
42) 1,2-Dichloroethane	8.24	62	151310	46.110	ug/l	99
43) Isopropyl Acetate	8.28	43	183561	44.702	ug/l	99
44) Trichloroethene	8.94	130	172756	47.172	ug/l	100
45) 1,2-Dichloropropane	9.22	63	128454	45.178	ug/l	97
46) Dibromomethane	9.31	93	77678	45.756	ug/l	98
47) Bromodichloromethane	9.50	83	184038	46.433	ug/l	99
48) Methyl methacrylate	9.29	41	82280	44.656	ug/l	96
49) 1,4-Dioxane	9.30	88	22753	914.455	ug/l	98
51) 4-Methyl-2-Pentanone	10.07	43	486533	223.589	ug/l	99
52) Toluene	10.25	92	359979	47.045	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	203332	47.202	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	226677	46.489	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	114751	45.326	ug/l	97
56) Ethyl methacrylate	10.51	69	160230	46.950	ug/l	99
57) 1,3-Dichloropropane	10.79	76	195205	46.237	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	441055	259.477	ug/l	99
59) 2-Hexanone	10.83	43	360101	235.383	ug/l	100
60) Dibromochloromethane	10.99	129	152284	47.166	ug/l	99
61) 1,2-Dibromoethane	11.09	107	115972	46.173	ug/l	99
64) Tetrachloroethene	10.72	164	178067	46.721	ug/l	98
65) Chlorobenzene	11.52	112	405128	46.795	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	153396	46.874	ug/l	100
67) Ethyl Benzene	11.60	91	704498	47.175	ug/l	99
68) m/p-Xylenes	11.70	106	551084	94.965	ug/l	99
69) o-Xylene	12.03	106	258733	47.300	ug/l	100
70) Styrene	12.05	104	448084	47.410	ug/l	99
71) Bromoform	12.20	173	102489	46.790	ug/l	98
73) Isopropylbenzene	12.33	105	704711	46.730	ug/l	100
74) N-amyl acetate	12.14	43	177163	45.618	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	126632	45.291	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	101816m	47.513	ug/l	
77) Bromobenzene	12.61	156	183612	46.504	ug/l	99
78) n-propylbenzene	12.67	91	823091	47.045	ug/l	100
79) 2-Chlorotoluene	12.75	91	450228	45.945	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	596236	47.427	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	53221	47.417	ug/l #	92
82) 4-Chlorotoluene	12.86	91	480243	46.601	ug/l	100
83) tert-Butylbenzene	13.08	119	526800	46.782	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	600381	47.460	ug/l	99
85) sec-Butylbenzene	13.25	105	723239	47.215	ug/l	100
86) p-Isopropyltoluene	13.37	119	683273	47.554	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	346144	46.510	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	347873	46.678	ug/l	99
89) n-Butylbenzene	13.70	91	613007	47.194	ug/l	100
90) Hexachloroethane	13.96	117	125400	46.856	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	316590	46.739	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	23502	44.993	ug/l	97

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QLast Update : Sat Jun 20 06:39:15 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	238313	46.886	ug/l	99
94) Hexachlorobutadiene	15.11	225	135622	46.293	ug/l	99
95) Naphthalene	15.23	128	468573	46.254	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	209277	46.149	ug/l	99

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

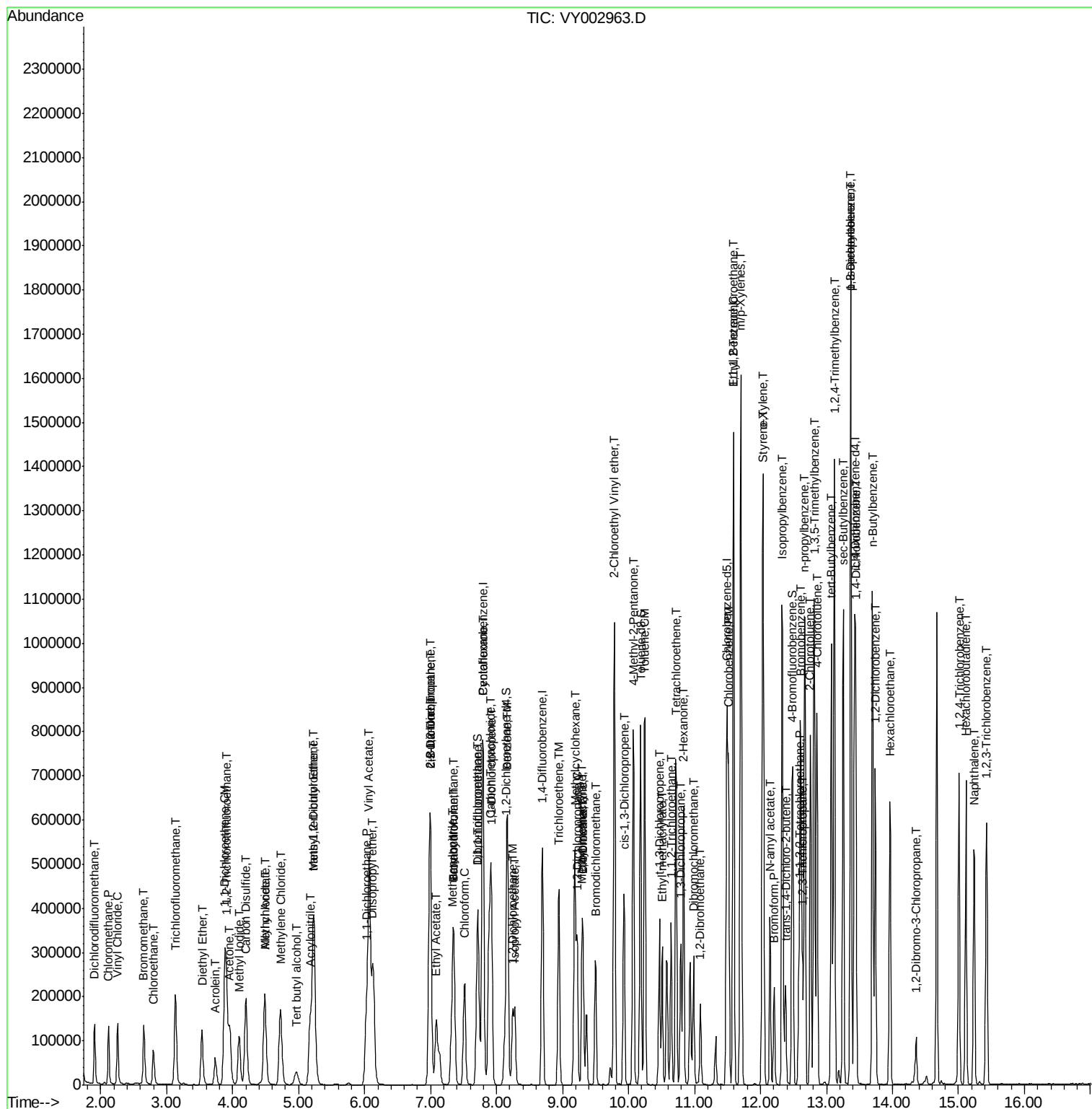
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY062220\
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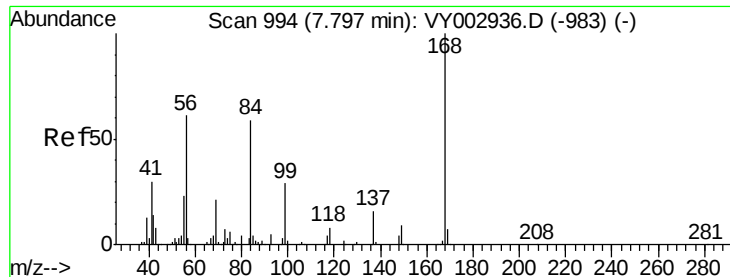
Instrument :
MSVOA_Y
Client Sample Id :
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#1

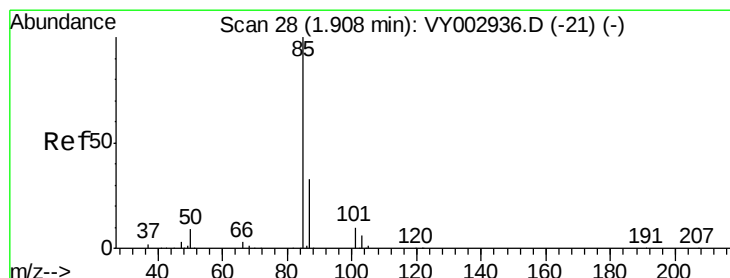
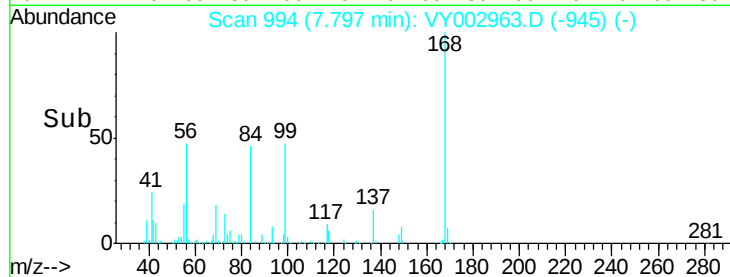
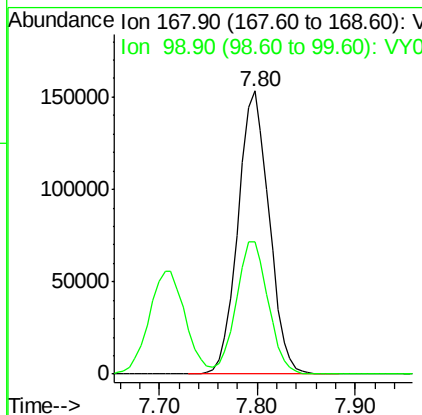
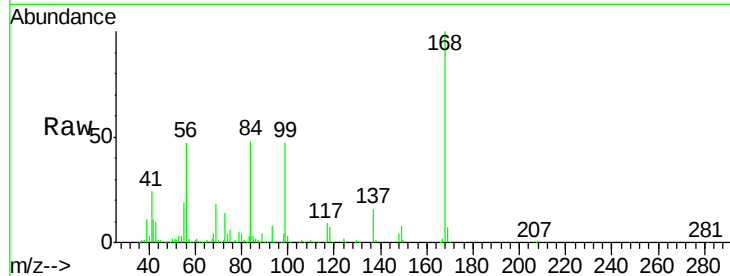
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VY002963.D
 Acq: 22 Jun 2020 10:35

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
168	100		
99	46.7	39.5	59.3

Manual Integrations
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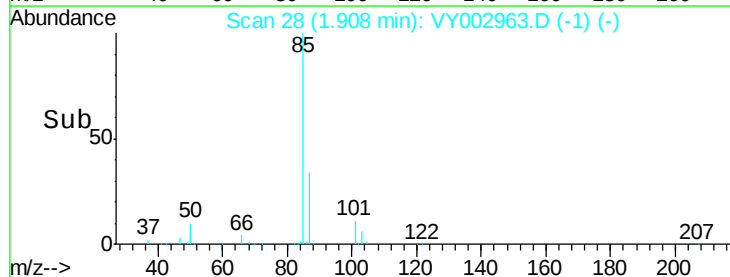
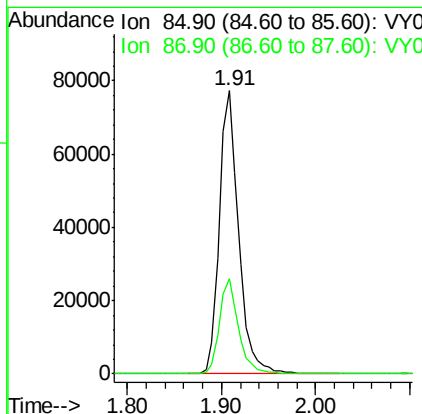
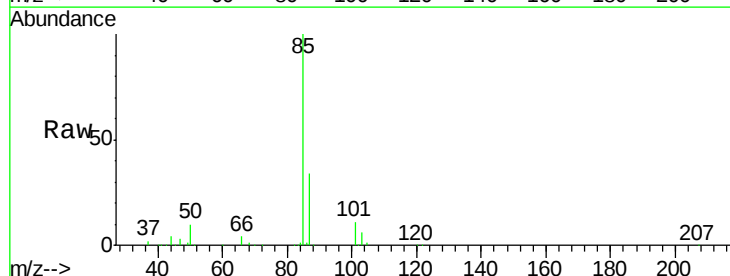
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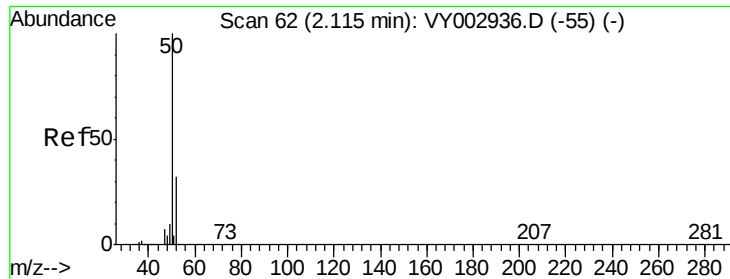


#2

Dichlorodifluoromethane
 Concen: 50.708 ug/l
 RT: 1.91 min Scan# 28
 Delta R.T. 0.00 min
 Lab File: VY002963.D
 Acq: 22 Jun 2020 10:35

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.6	16.3	48.9





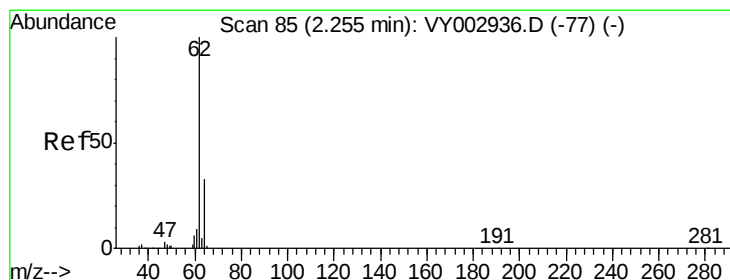
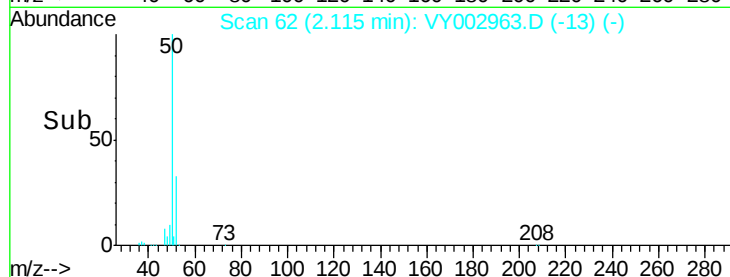
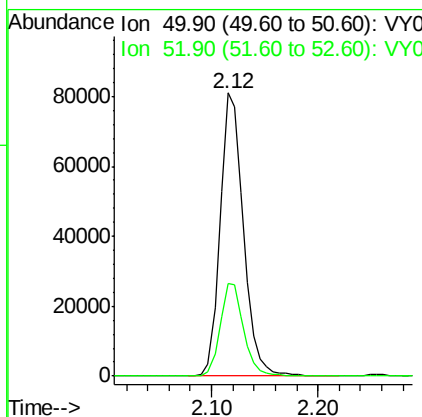
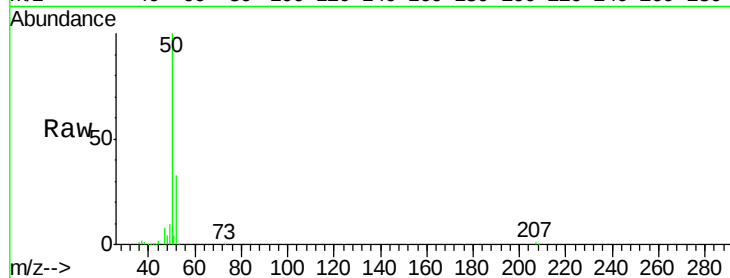
#3
Chloromethane
Concen: 50.359 ug/l
RT: 2.12 min Scan# 62
Delta R.T. 0.00 min
Lab File: VY002963.D
Acq: 22 Jun 2020 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
50	100		
52	32.9	25.8	38.6

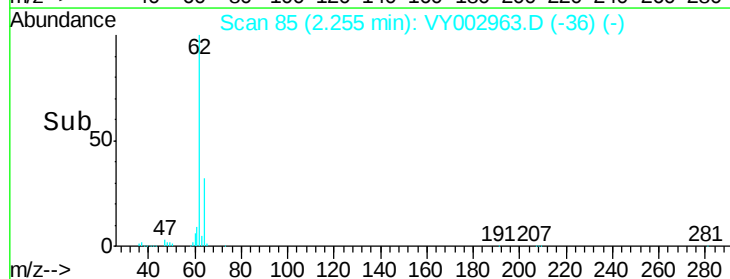
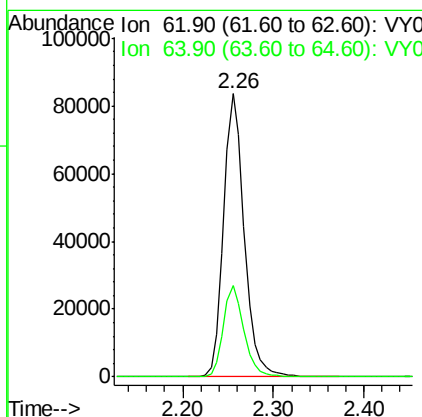
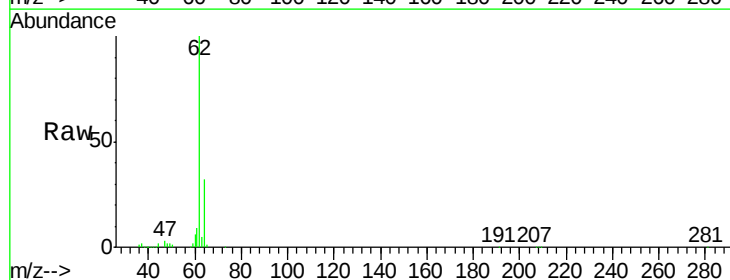
Manual Integrations
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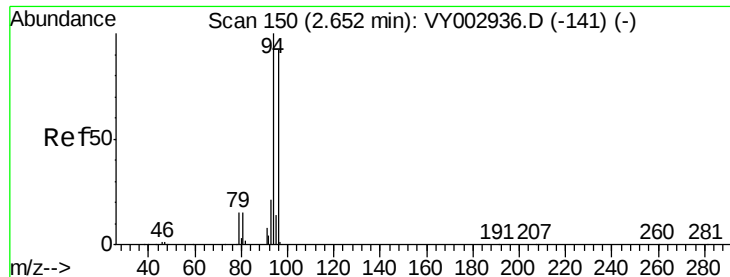
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#4
Vinyl Chloride
Concen: 50.421 ug/l
RT: 2.26 min Scan# 85
Delta R.T. 0.00 min
Lab File: VY002963.D
Acq: 22 Jun 2020 10:35

Tgt Ion	Ratio	Lower	Upper
62	100		
64	32.3	26.3	39.5





#5

Bromomethane

Concen: 47.969 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.00 min

Lab File: VY002963.D

Acq: 22 Jun 2020 10:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 93229

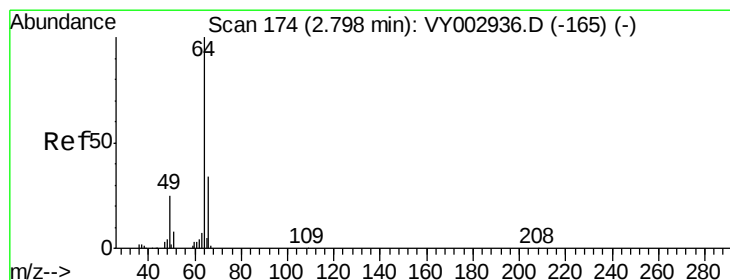
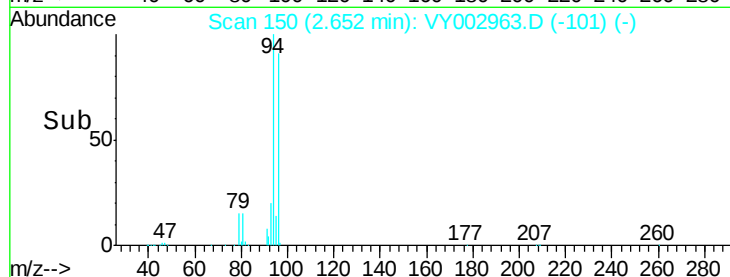
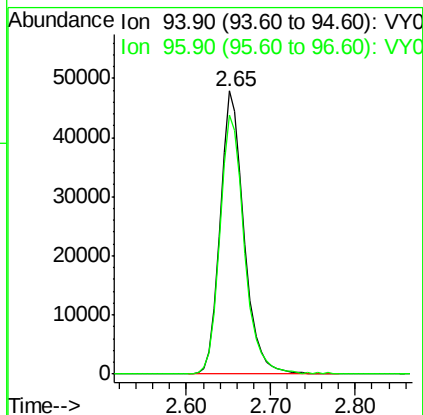
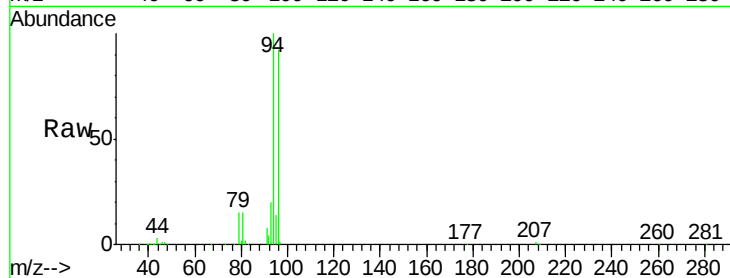
Ion Ratio Lower Upper

94 100

96 91.3 73.7 110.5

Manual Integrations
APPROVED

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#6

Chloroethane

Concen: 46.563 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.00 min

Lab File: VY002963.D

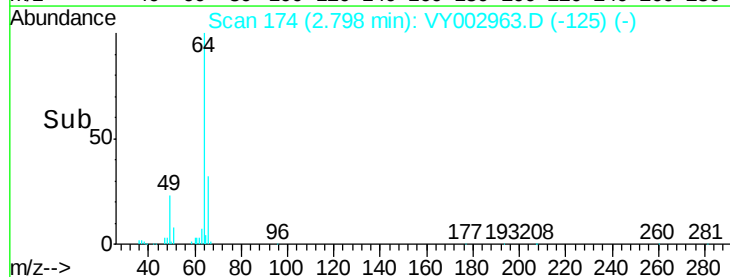
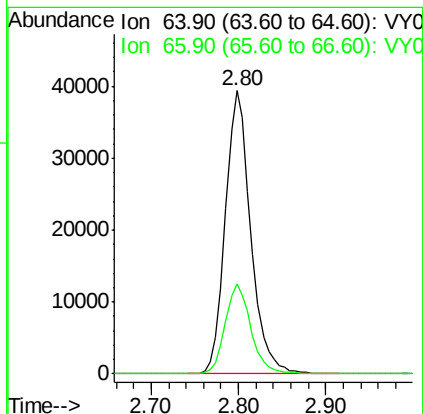
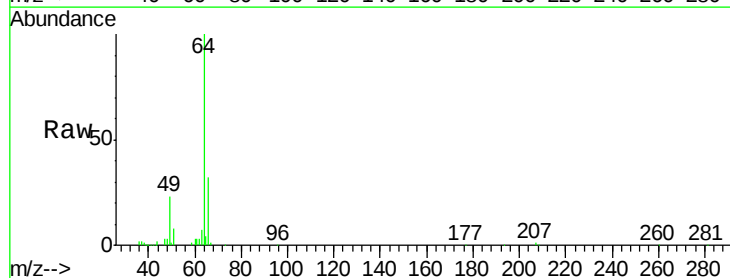
Acq: 22 Jun 2020 10:35

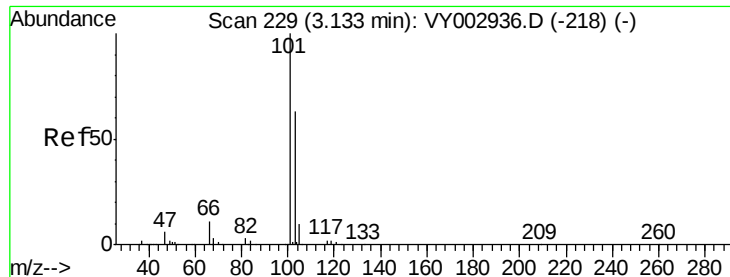
Tgt Ion: 64 Resp: 79322

Ion Ratio Lower Upper

64 100

66 32.0 27.0 40.6





#7

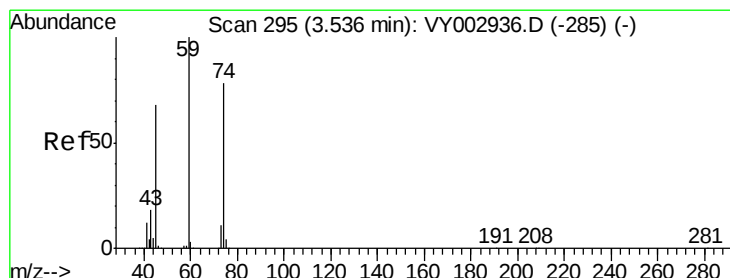
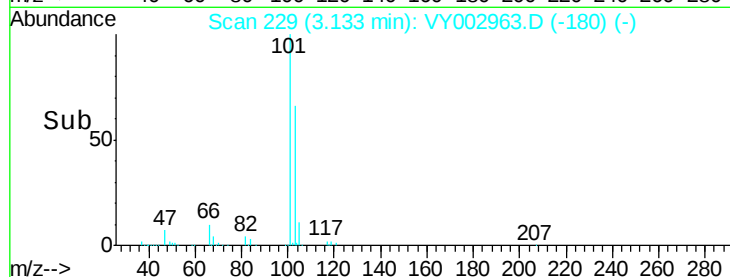
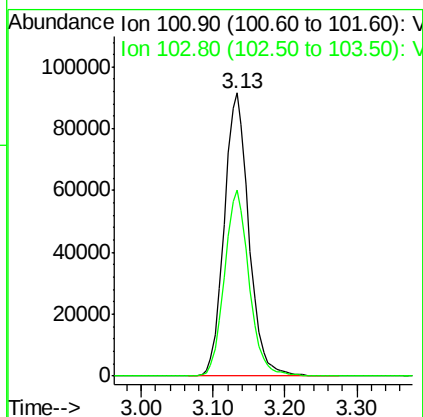
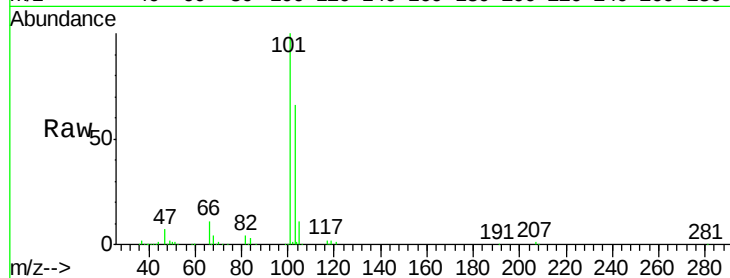
Trichlorofluoromethane
Concen: 46.122 ug/l
RT: 3.13 min Scan# 229
Delta R.T. 0.00 min
Lab File: VY002963.D
Acq: 22 Jun 2020 10:35

Instrument :
MSVOA_Y
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.8	50.6	76.0

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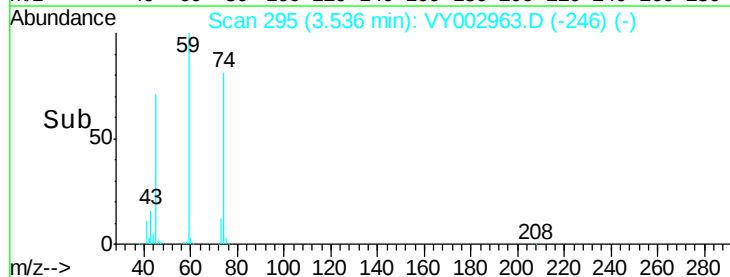
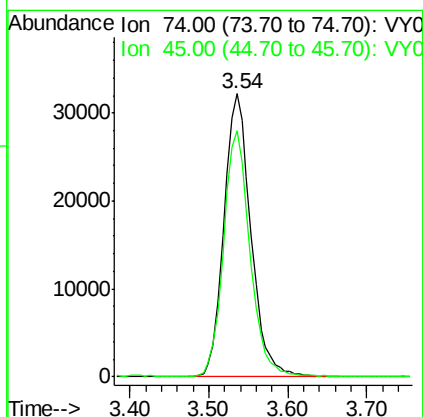
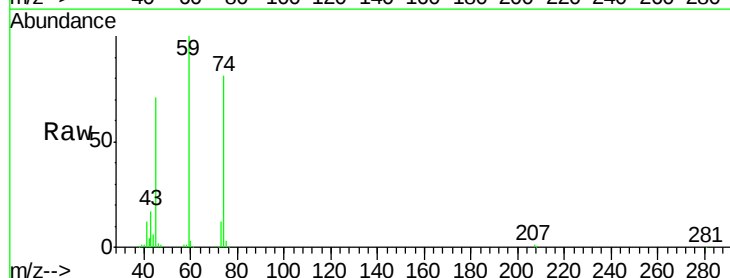
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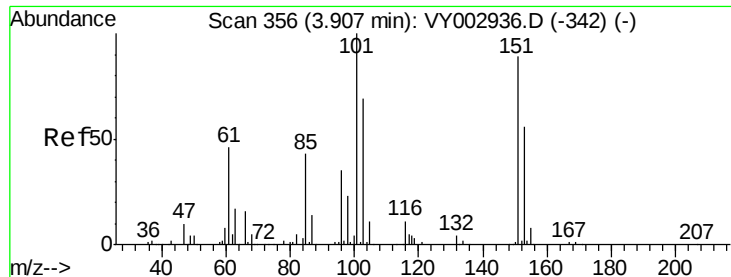


#8

Diethyl Ether
Concen: 44.939 ug/l
RT: 3.54 min Scan# 295
Delta R.T. 0.00 min
Lab File: VY002963.D
Acq: 22 Jun 2020 10:35

Tgt Ion	Ratio	Lower	Upper
74	100		
45	85.5	43.7	131.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.039 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.00 min

Lab File: VY002963.D

Acq: 22 Jun 2020 10:35

Instrument :

MSVOA_Y

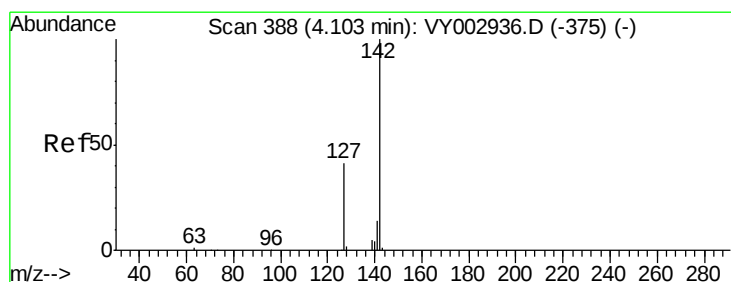
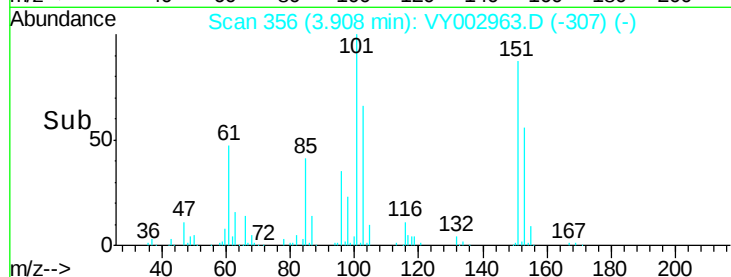
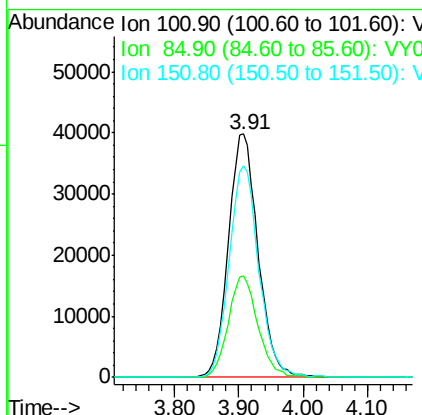
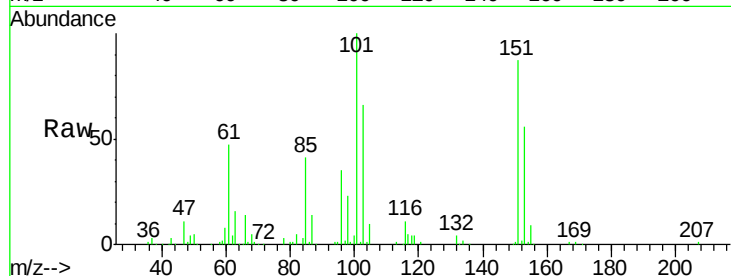
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	128293
Ion Ratio	Lower	Upper	
101	100		
85	41.5	33.6	50.4
151	86.9	70.4	105.6

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#10

Methyl Iodide

Concen: 46.646 ug/l

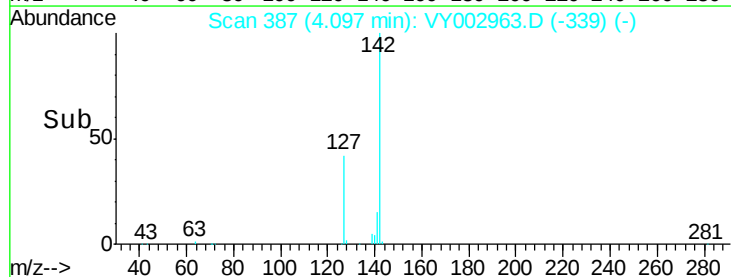
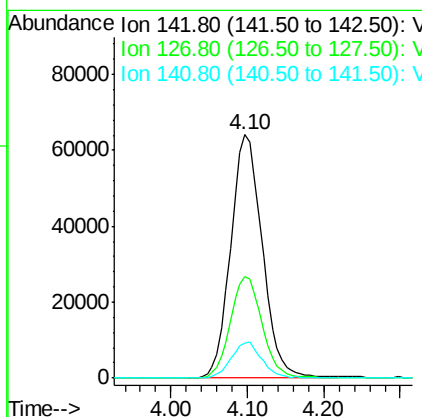
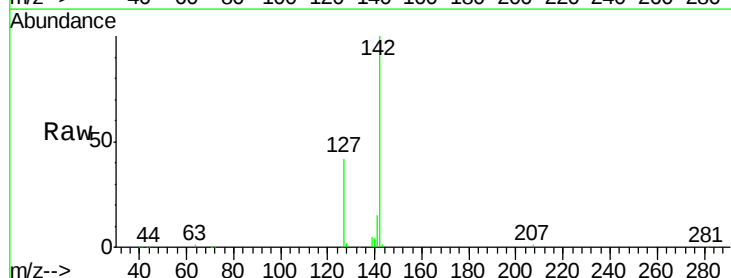
RT: 4.10 min Scan# 387

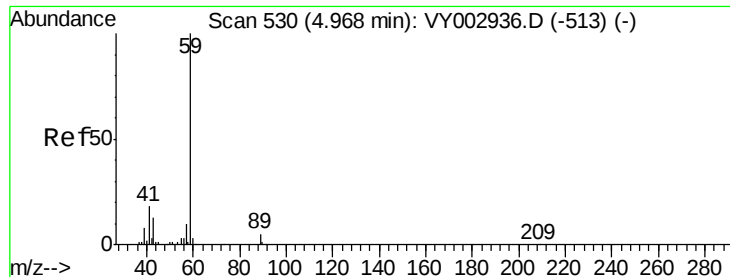
Delta R.T. -0.01 min

Lab File: VY002963.D

Acq: 22 Jun 2020 10:35

Tgt Ion:	142	Resp:	183954
Ion Ratio	Lower	Upper	
142	100		
127	41.9	32.9	49.3
141	14.4	11.3	16.9





#11

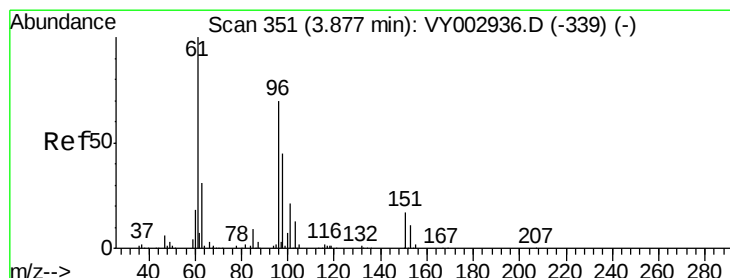
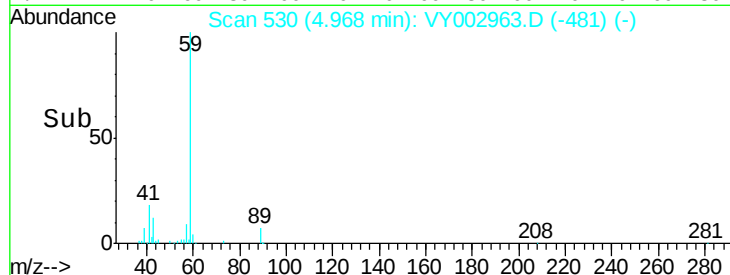
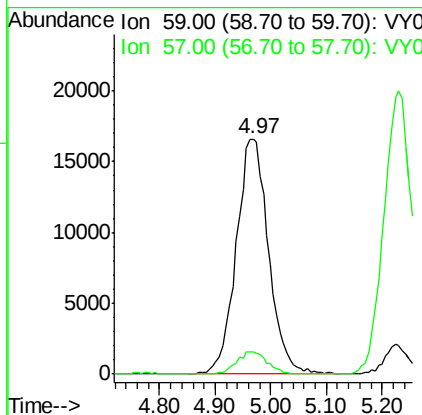
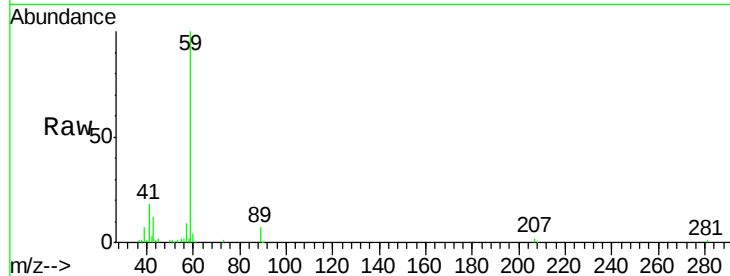
Tert butyl alcohol
 Concen: 218.866 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. 0.00 min
 Lab File: VY002963.D
 Acq: 22 Jun 2020 10:35

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	8.9	7.4	11.2

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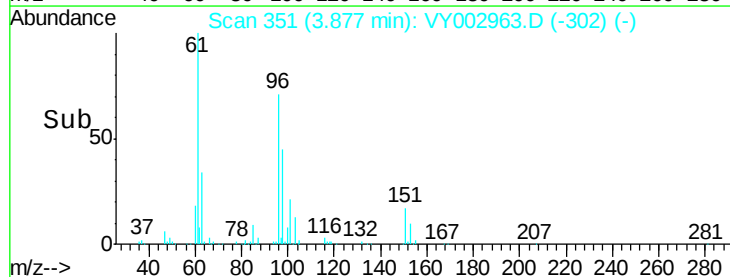
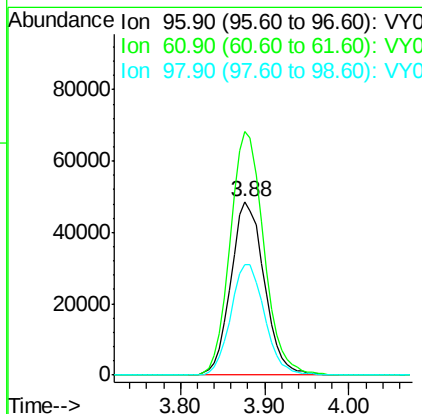
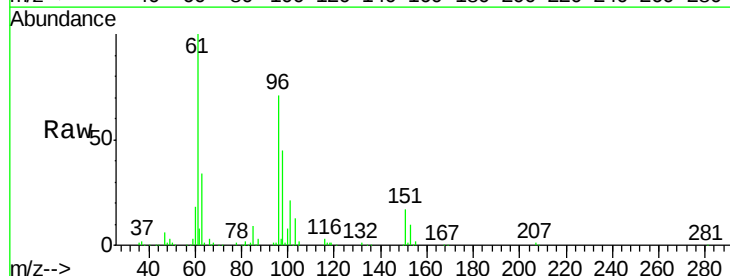
MMDadoda
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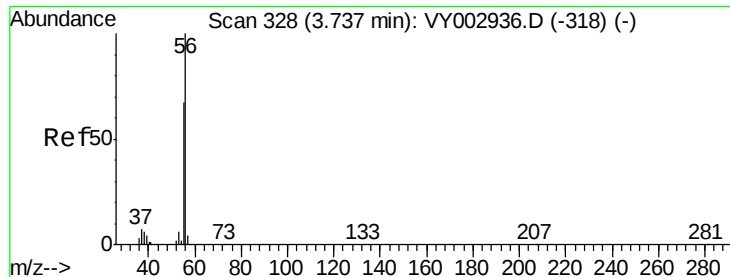


#12

1,1-Dichloroethene
 Concen: 46.485 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VY002963.D
 Acq: 22 Jun 2020 10:35

Tgt Ion	Ratio	Lower	Upper
96	100		
61	140.1	114.6	172.0
98	63.4	51.4	77.0





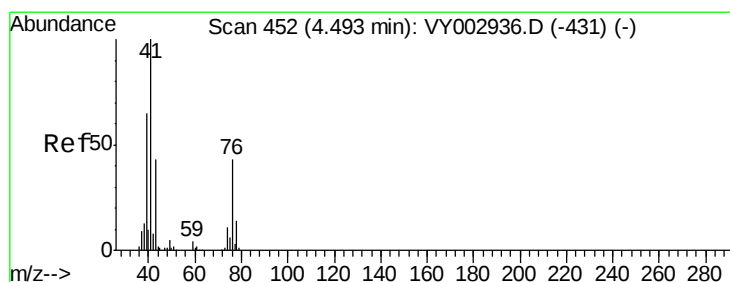
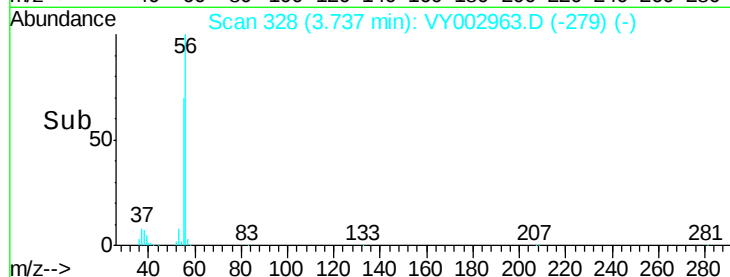
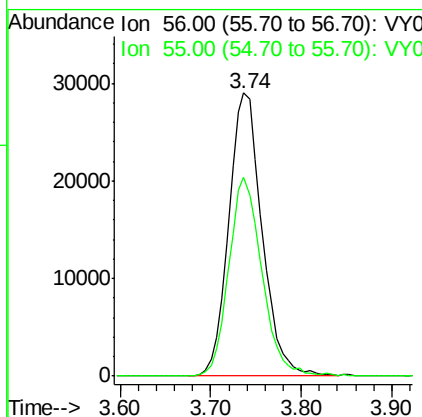
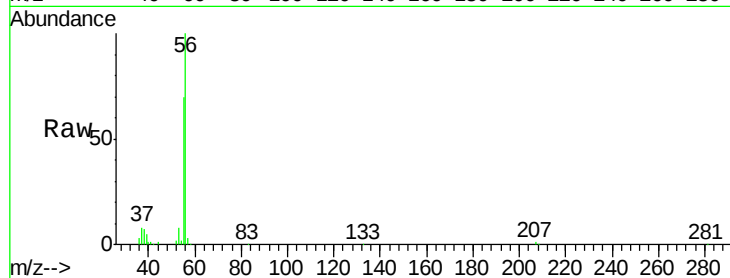
#13
Acrolein
Concen: 263.156 ug/l
RT: 3.74 min Scan# 328
Delta R.T. 0.00 min
Lab File: VY002963.D
Acq: 22 Jun 2020 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
56	56	100		
55	55	69.5	55.3	82.9

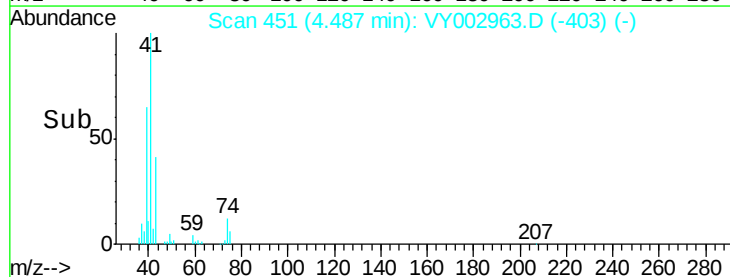
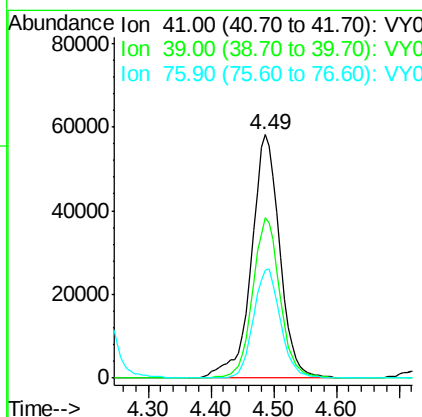
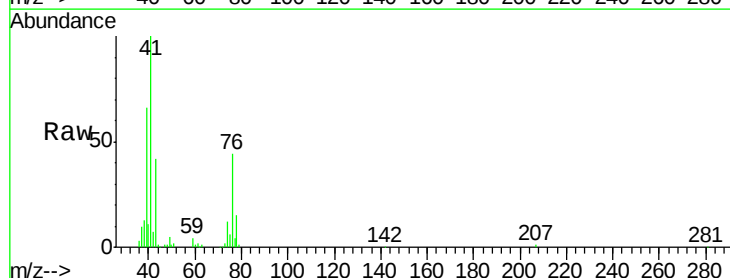
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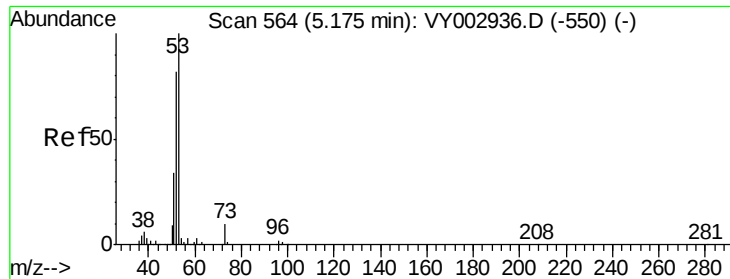
MMDadoda
6/23/2020 8:13:11 PM



#14
Allyl chloride
Concen: 44.623 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.01 min
Lab File: VY002963.D
Acq: 22 Jun 2020 10:35

Tgt Ion	Ion	Ratio	Lower	Upper
41	41	100		
39	39	63.7	50.0	75.0
76	76	42.5	33.3	49.9





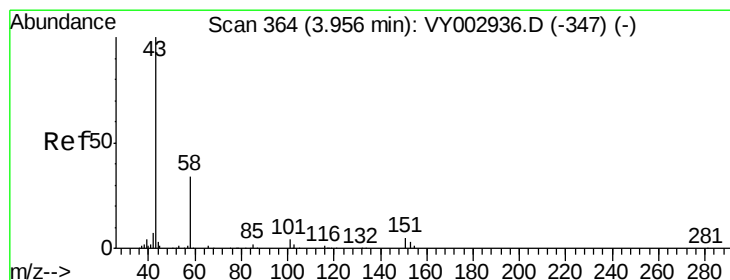
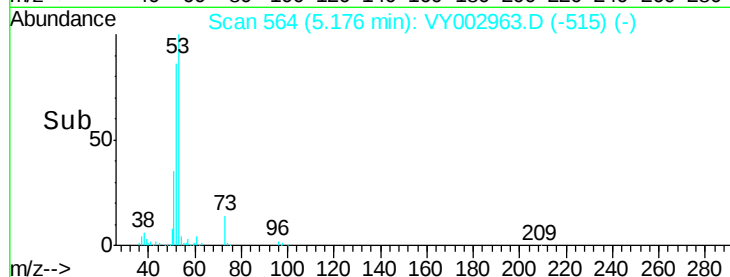
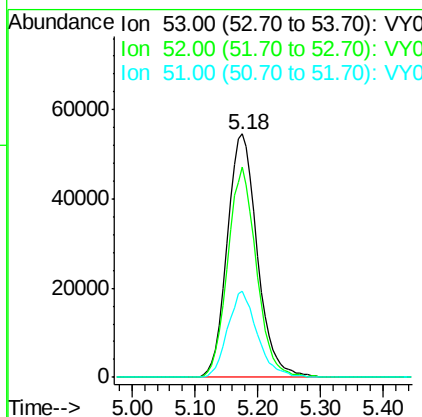
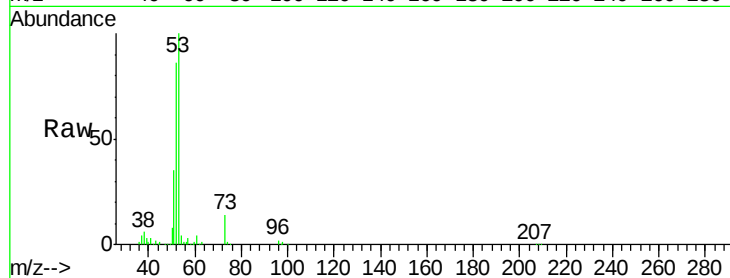
#15
 Acrylonitrile
 Concen: 221.299 ug/l
 RT: 5.18 min Scan# 564
 Delta R.T. 0.00 min
 Lab File: VY002963.D
 Acq: 22 Jun 2020 10:35

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion:	53	Resp:	181123
Ion Ratio	Lower	Upper	
53	100		
52	82.8	65.7	98.5
51	35.1	28.1	42.1

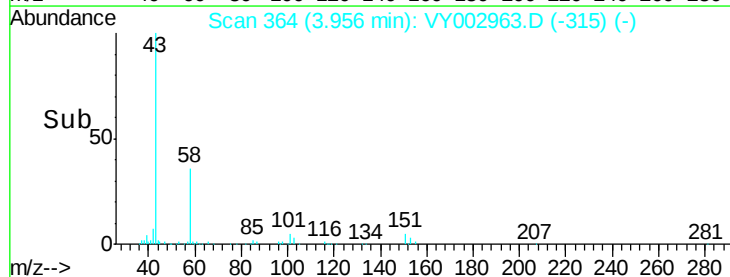
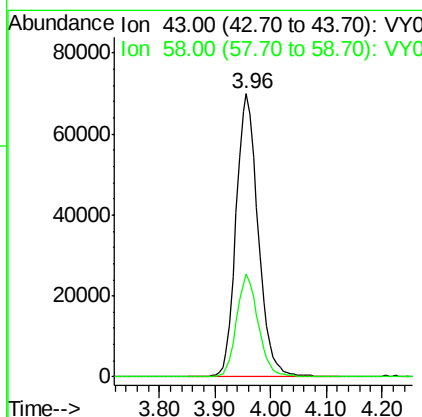
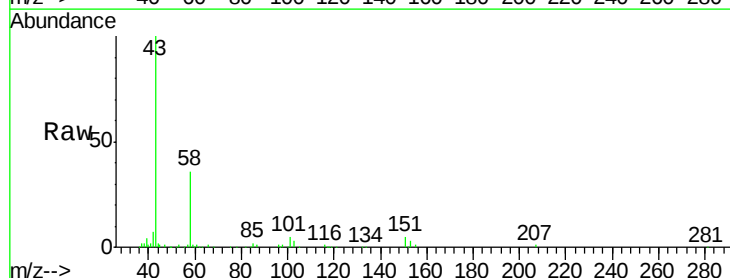
Manual Integrations
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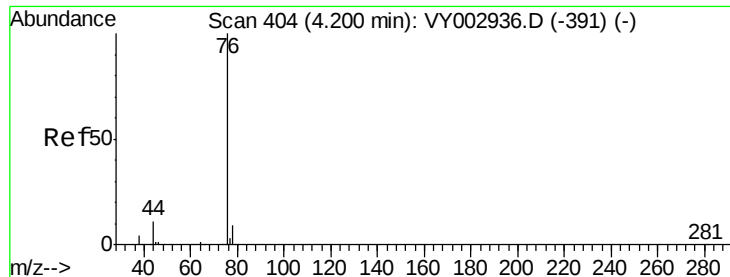
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#16
 Acetone
 Concen: 277.996 ug/l
 RT: 3.96 min Scan# 364
 Delta R.T. 0.00 min
 Lab File: VY002963.D
 Acq: 22 Jun 2020 10:35

Tgt Ion:	43	Resp:	192735
Ion Ratio	Lower	Upper	
43	100		
58	36.2	27.3	40.9





#17

Carbon Disulfide

Concen: 48.799 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: VY002963.D

Acq: 22 Jun 2020 10:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 407514

Ion Ratio Lower Upper

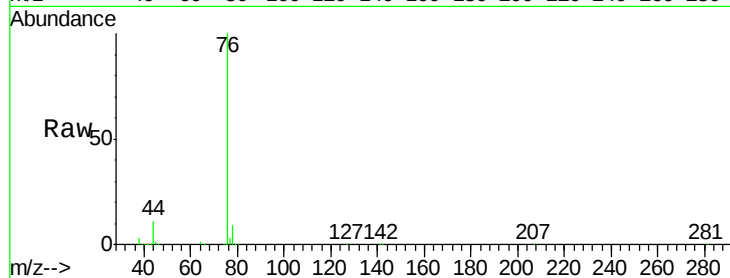
76 100

78 9.0 7.4 11.2

Manual Integrations
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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

150000

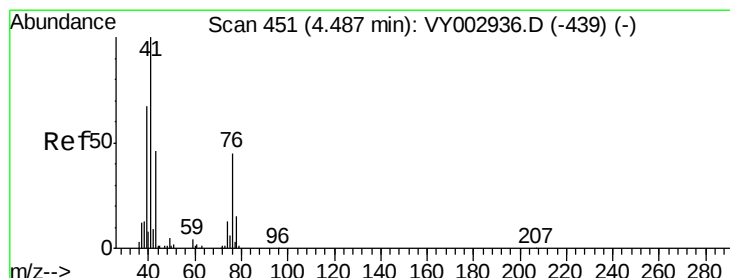
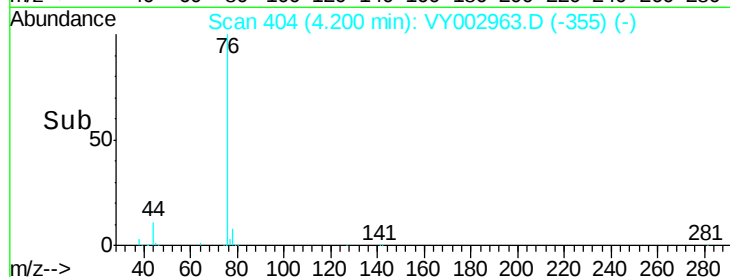
100000

50000

0

4.10 4.20 4.30 4.40

Time-->



#18

Methyl Acetate

Concen: 41.016 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY002963.D

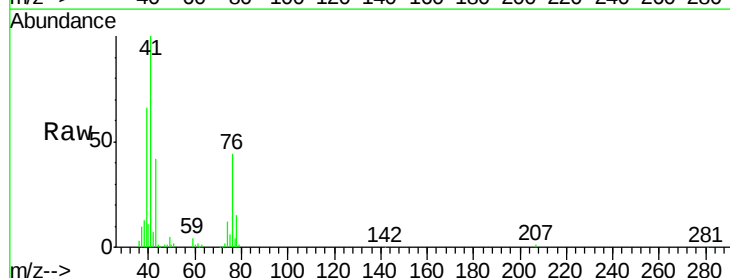
Acq: 22 Jun 2020 10:35

Tgt Ion: 43 Resp: 73140

Ion Ratio Lower Upper

43 100

74 27.7 21.1 31.7



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

25000

20000

15000

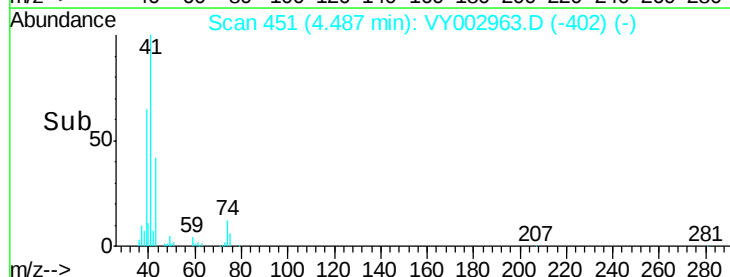
10000

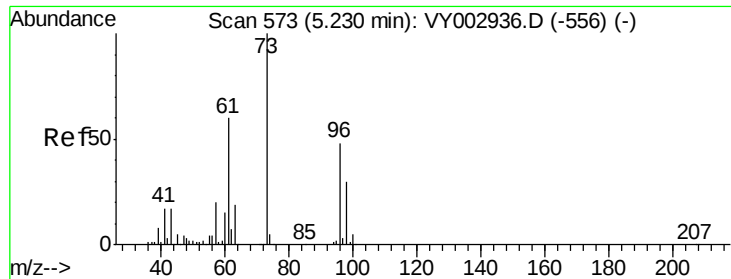
5000

0

4.40 4.50 4.60 4.70

Time-->





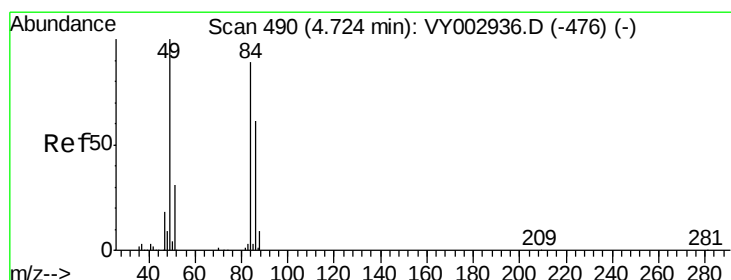
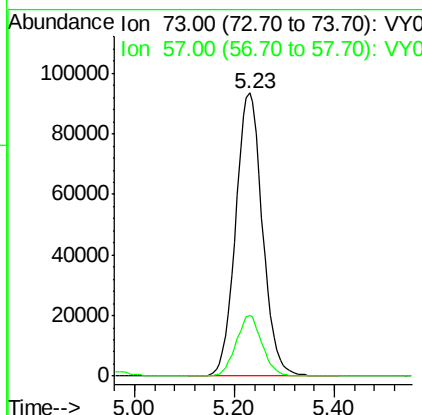
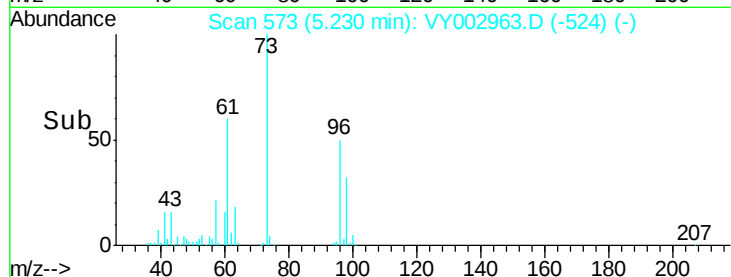
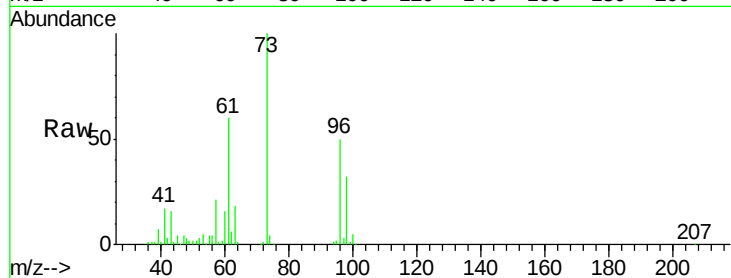
#19
Methvl tert-butvl Ether
Concen: 45.249 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.00 min
Lab File: VY002963.D
Acq: 22 Jun 2020 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 348116
Ion Ratio Lower Upper
73 100
57 21.4 16.4 24.6

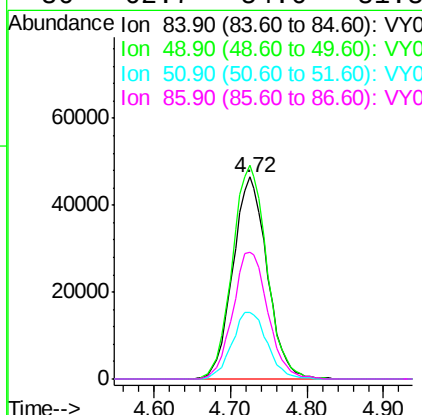
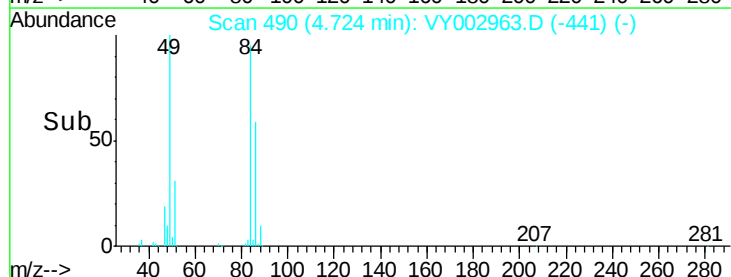
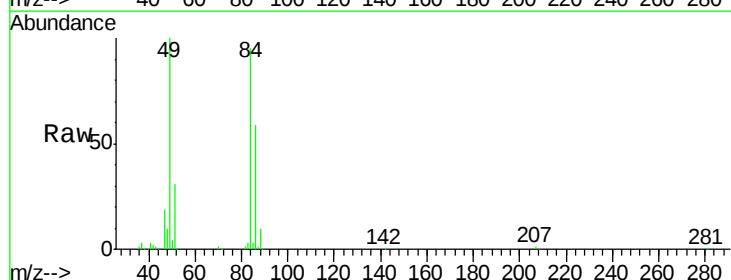
Manual Integrations
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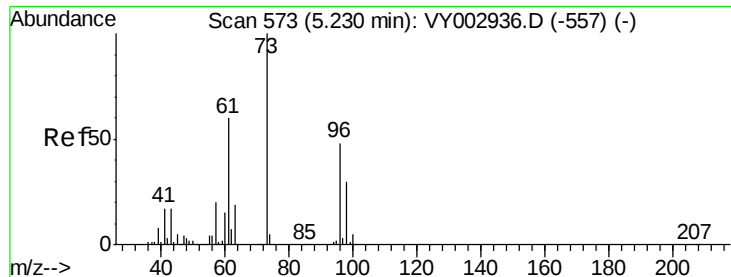
MMDadoda
6/23/2020 8:13:11 PM



#20
Methylene Chloride
Concen: 41.868 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY002963.D
Acq: 22 Jun 2020 10:35

Tgt Ion: 84 Resp: 144404
Ion Ratio Lower Upper
84 100
49 105.7 90.0 135.0
51 33.1 27.9 41.9
86 62.7 54.6 81.8





#21

trans-1,2-Dichloroethene

Concen: 46.249 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.00 min

Lab File: VY002963.D

Acq: 22 Jun 2020 10:35

Instrument :

MSVOA_Y

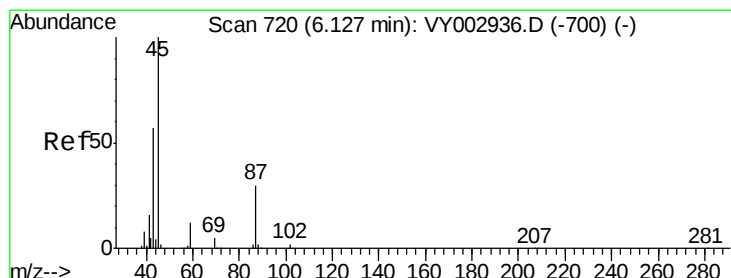
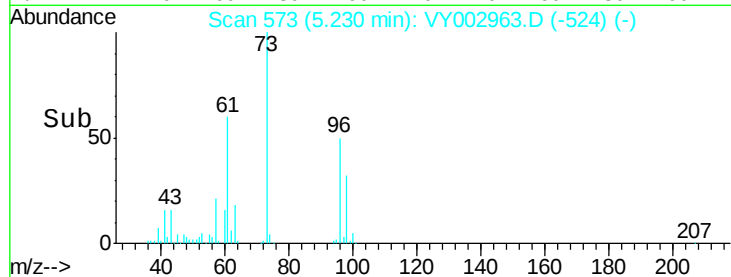
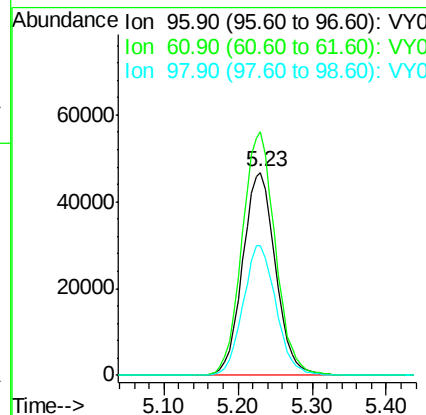
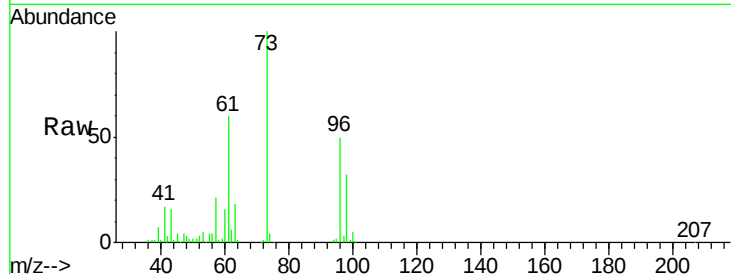
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	145043
Ion	Ratio	Lower	Upper
96	100		
61	119.8	100.6	150.8
98	63.9	49.8	74.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 43.569 ug/l

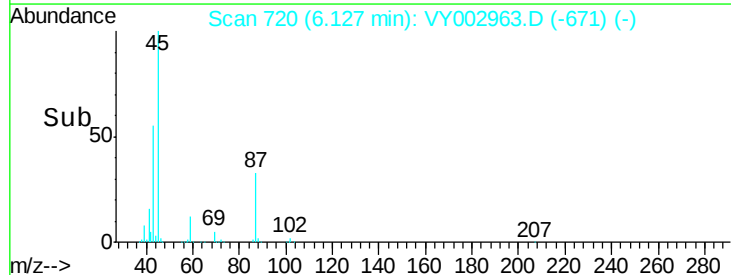
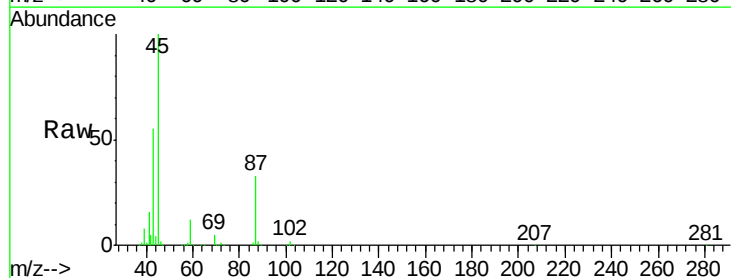
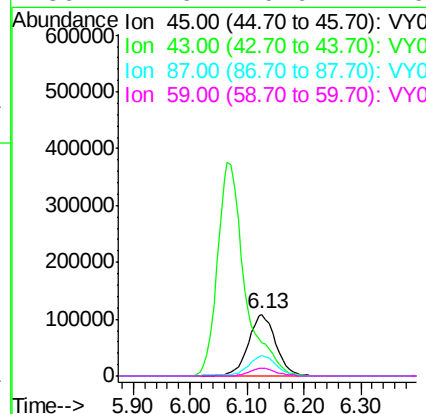
RT: 6.13 min Scan# 720

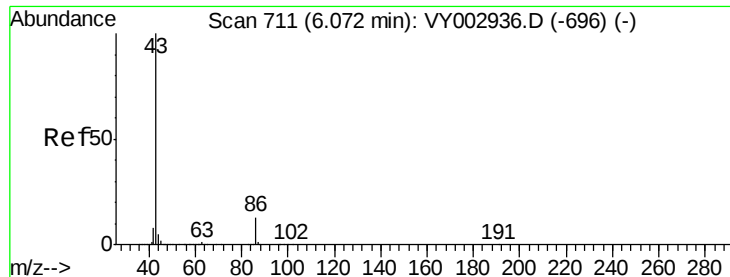
Delta R.T. 0.00 min

Lab File: VY002963.D

Acq: 22 Jun 2020 10:35

Tgt Ion:	45	Resp:	362394
Ion	Ratio	Lower	Upper
45	100		
43	54.5	46.2	69.2
87	32.6	24.9	37.3
59	11.6	9.9	14.9





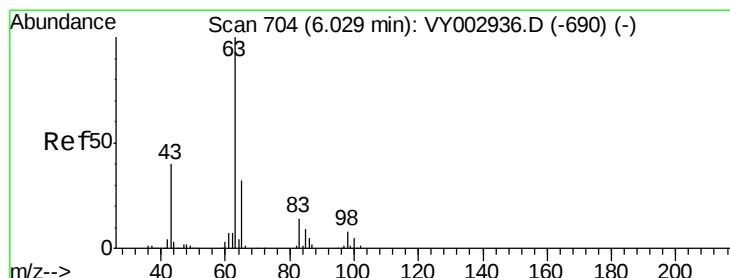
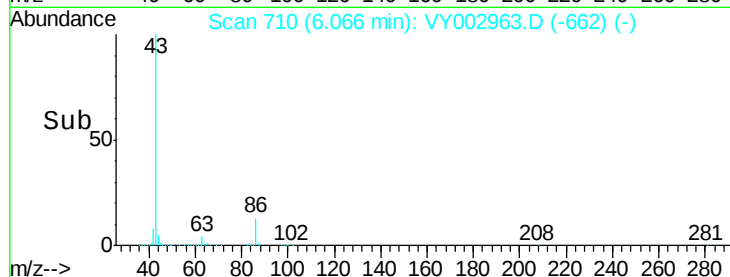
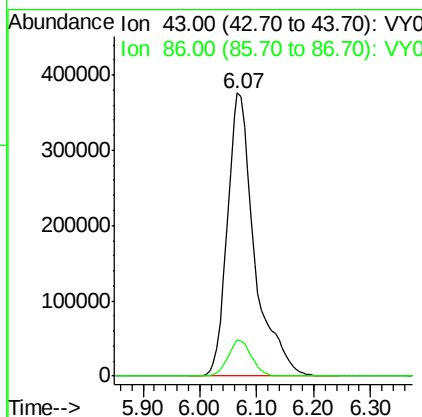
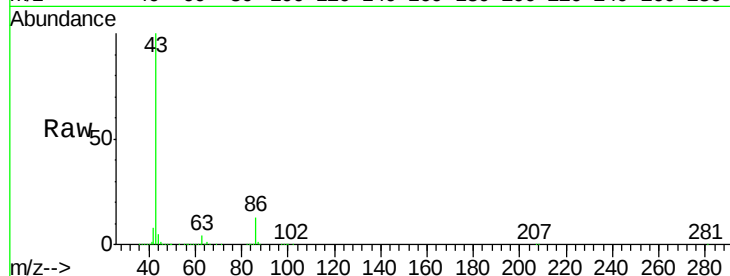
#23
 Vinyl Acetate
 Concen: 231.876 ug/l
 RT: 6.07 min Scan# 710
 Delta R.T. -0.01 min
 Lab File: VY002963.D
 Acq: 22 Jun 2020 10:35

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 1247578
 Ion Ratio Lower Upper
 43 100
 86 13.0 10.6 15.8

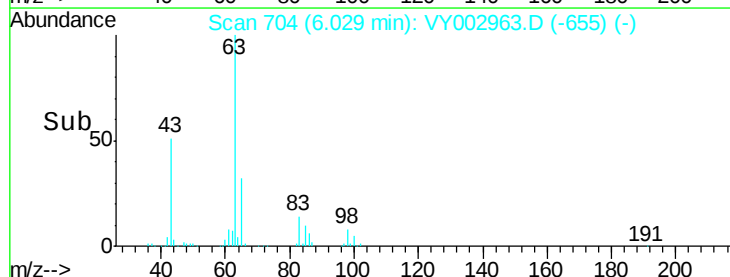
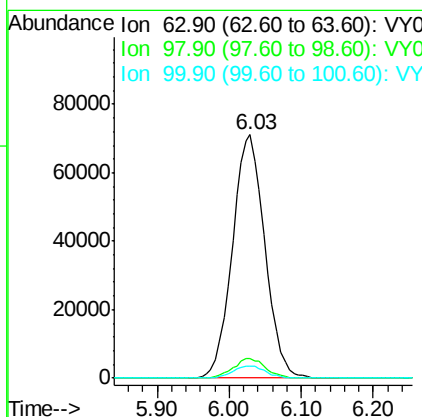
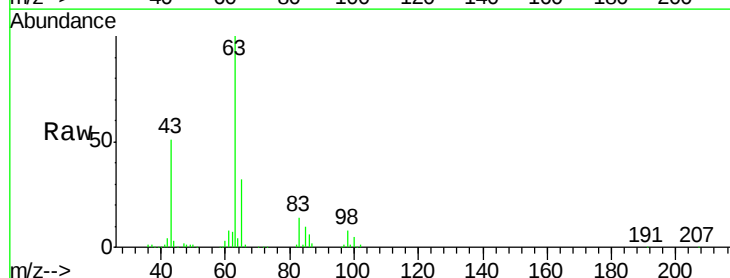
Manual Integrations
 APPROVED

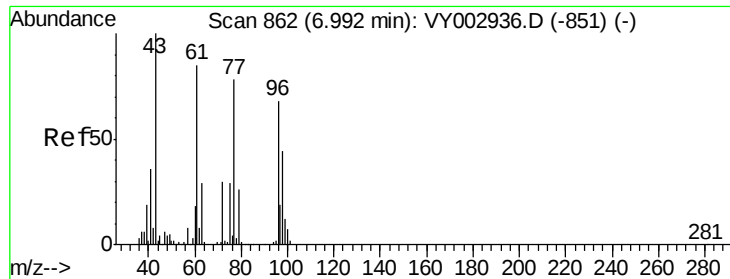
MMDadoda
 6/23/2020 8:13:11 PM



#24
 1,1-Dichloroethane
 Concen: 44.988 ug/l
 RT: 6.03 min Scan# 704
 Delta R.T. 0.00 min
 Lab File: VY002963.D
 Acq: 22 Jun 2020 10:35

Tgt Ion: 63 Resp: 221681
 Ion Ratio Lower Upper
 63 100
 98 8.1 4.0 12.0
 100 4.7 2.5 7.6





#25

2-Butanone

Concen: 231.019 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY002963.D

Acq: 22 Jun 2020 10:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 240005

Ion Ratio Lower Upper

43 100

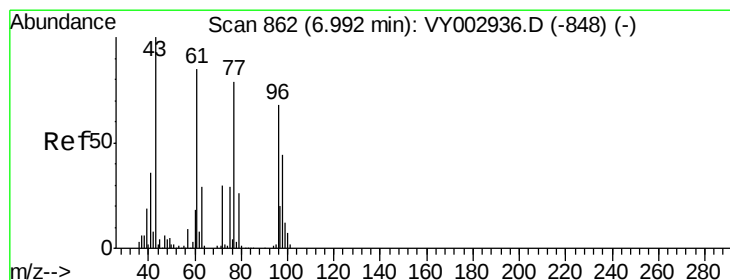
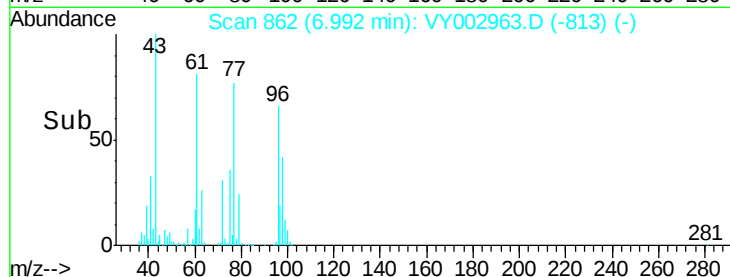
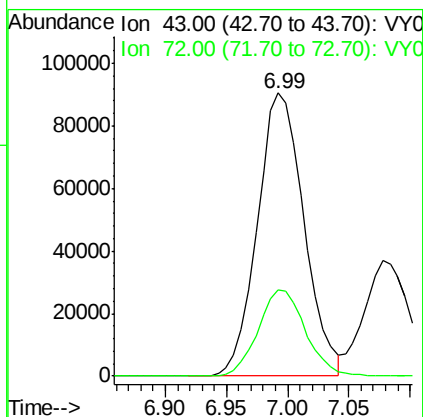
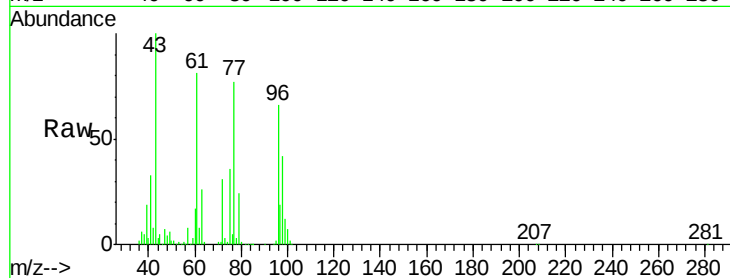
72 30.6 24.2 36.4

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 46.130 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY002963.D

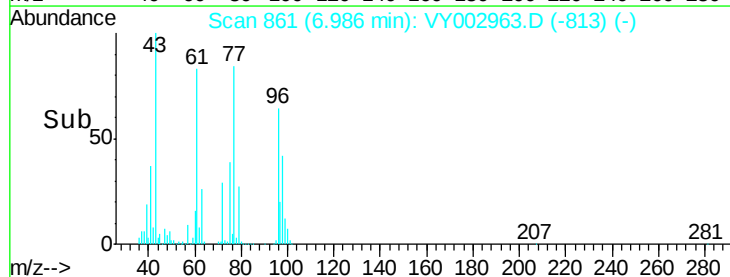
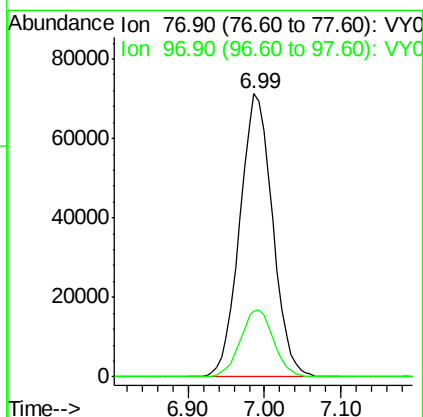
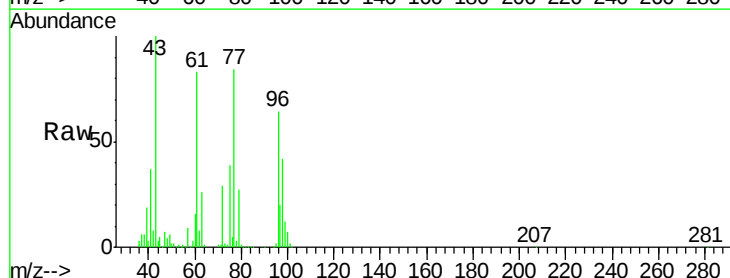
Acq: 22 Jun 2020 10:35

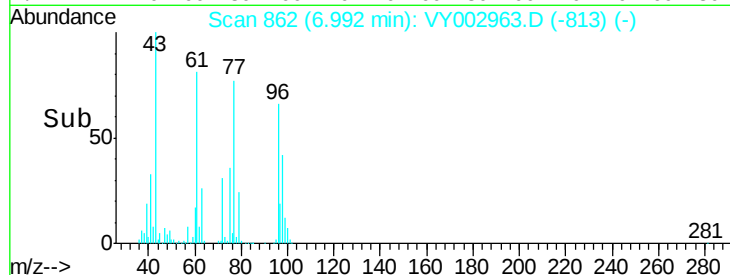
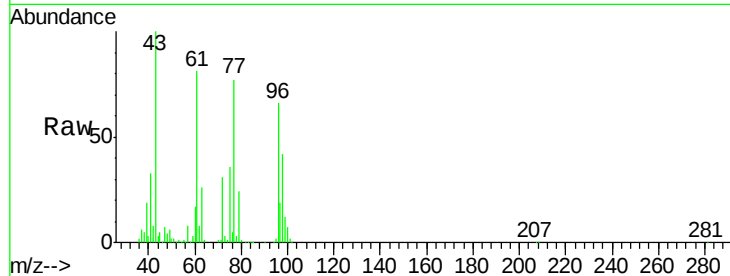
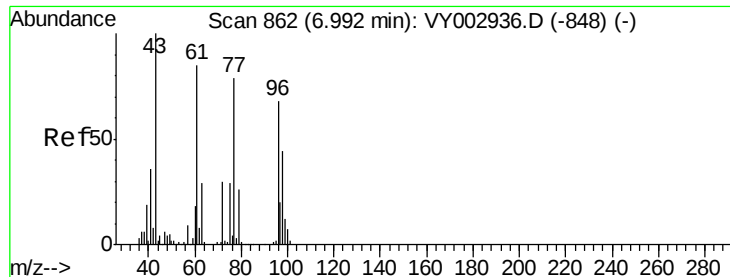
Tgt Ion: 77 Resp: 212302

Ion Ratio Lower Upper

77 100

97 24.0 12.3 36.9





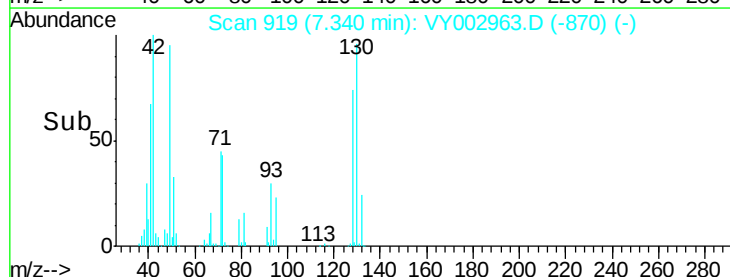
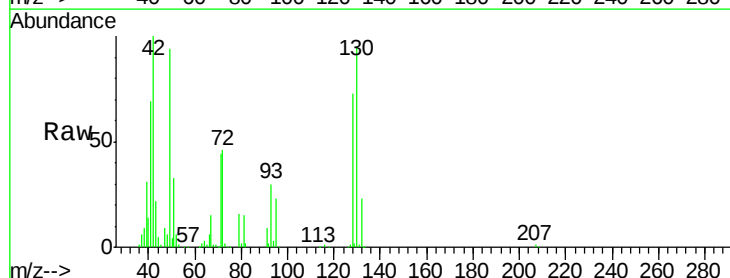
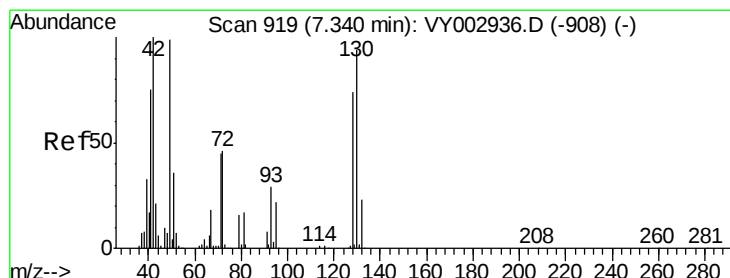
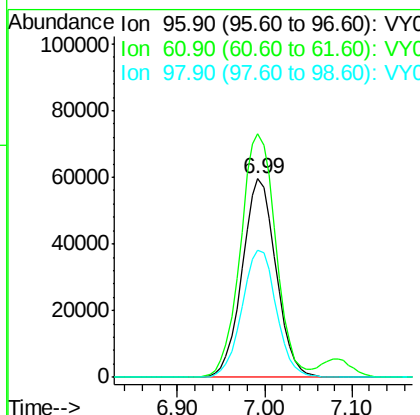
#27
 cis-1,2-Dichloroethene
 Concen: 45.533 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. 0.00 min
 Lab File: VY002963.D
 Acq: 22 Jun 2020 10:35

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	127.9	0.0	257.0	
98	65.3	0.0	129.8	

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

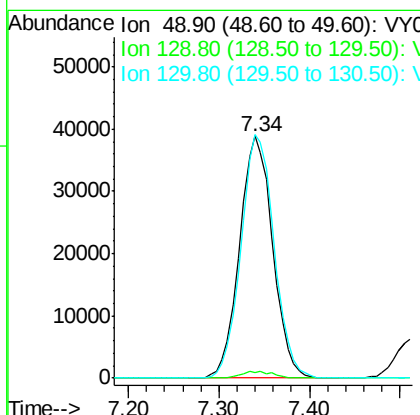
Manual Integrations
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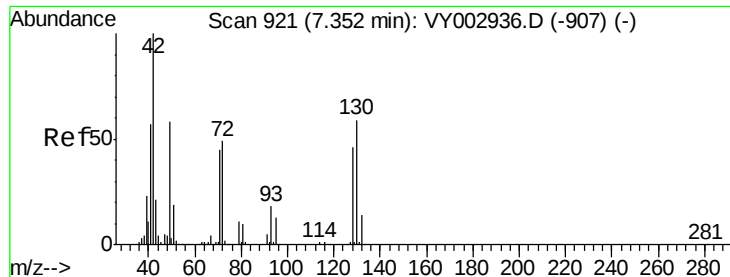
MMDadoda
 6/23/2020 8:13:11 PM



#28
 Bromochloromethane
 Concen: 47.567 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: VY002963.D
 Acq: 22 Jun 2020 10:35

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.7	0.0	5.0	
130	100.9	78.4	117.6	





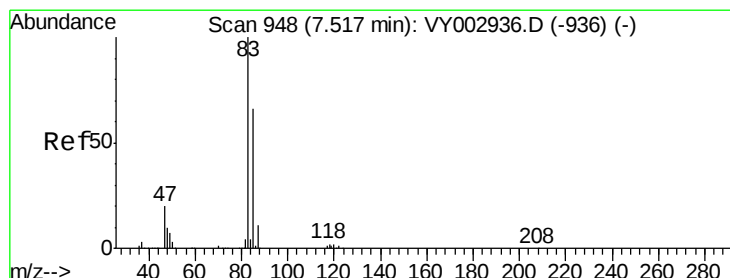
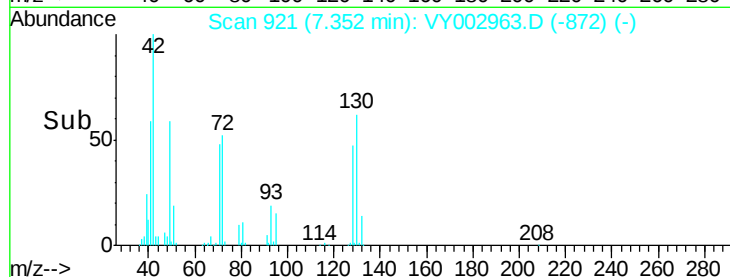
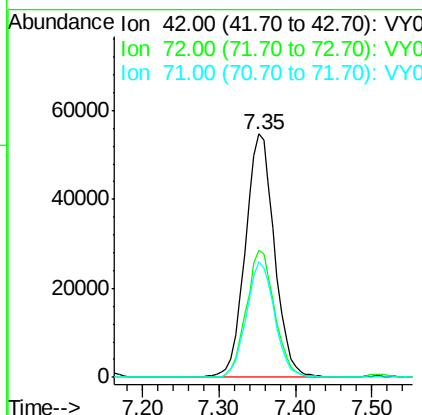
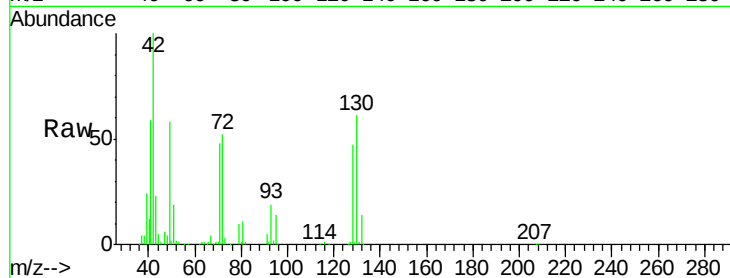
#29
Tetrahydrofuran
Concen: 216.253 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.00 min
Lab File: VY002963.D
Acq: 22 Jun 2020 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	50.7	39.1	58.7
71	46.0	36.4	54.6

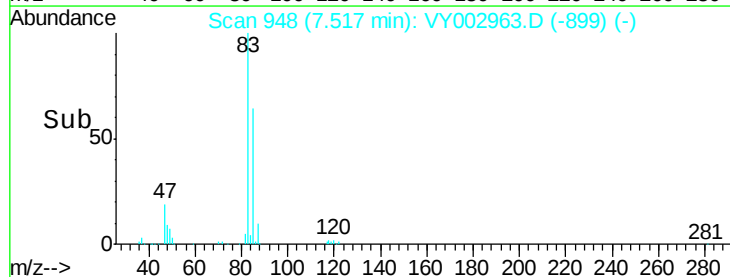
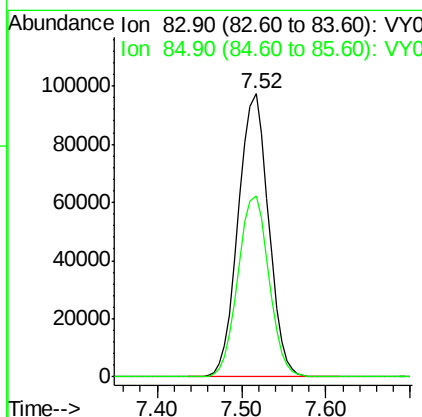
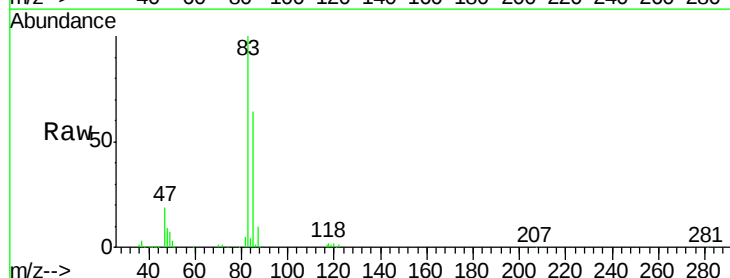
Manual Integrations
APPROVED

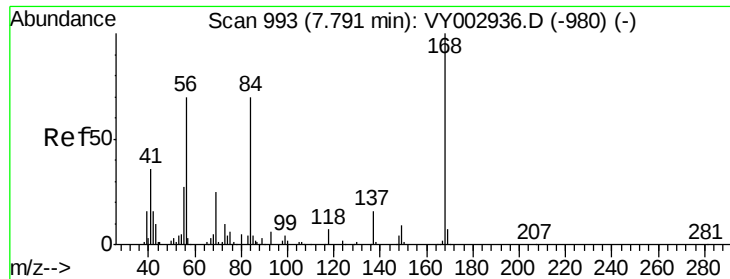
MMDadoda
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#30
Chloroform
Concen: 45.842 ug/l
RT: 7.52 min Scan# 948
Delta R.T. 0.00 min
Lab File: VY002963.D
Acq: 22 Jun 2020 10:35

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.1	53.1	79.7





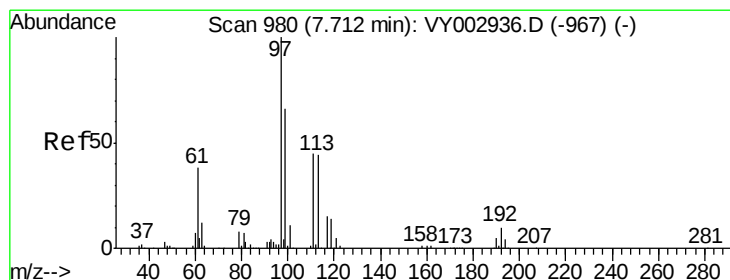
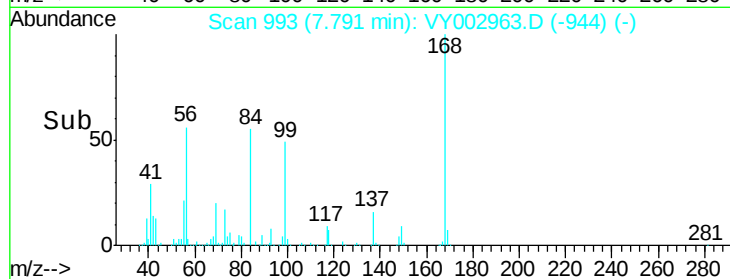
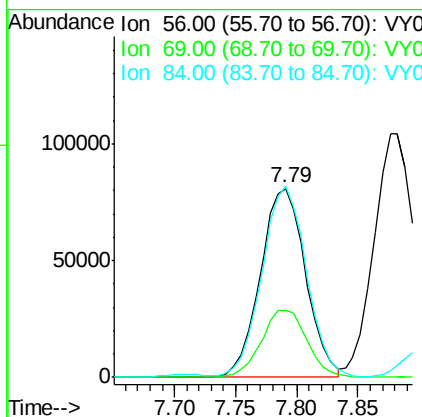
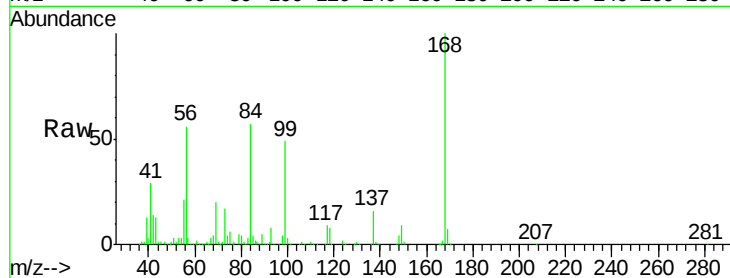
#31
Cyclohexane
Concen: 43.287 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.00 min
Lab File: VY002963.D
Acq: 22 Jun 2020 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	35.8	28.9	43.3
84	99.7	80.1	120.1

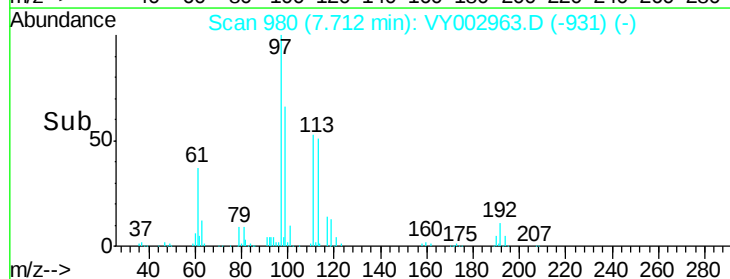
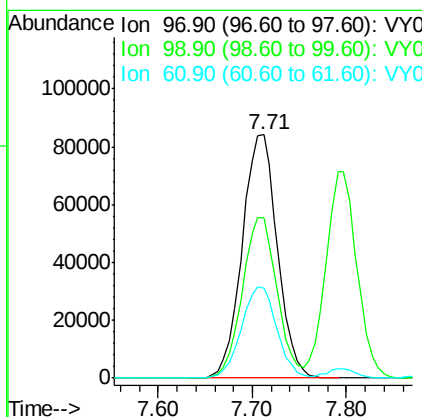
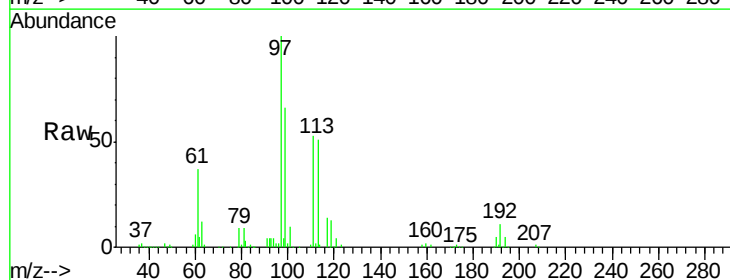
Manual Integrations
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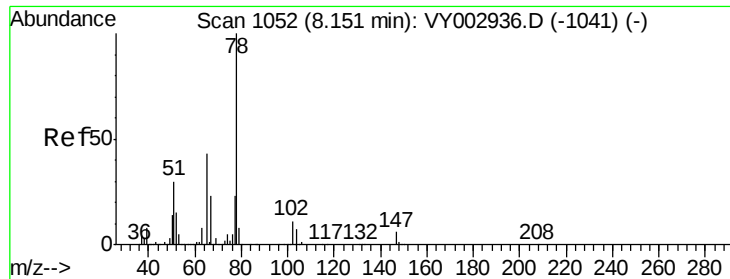
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 46.219 ug/l
RT: 7.71 min Scan# 980
Delta R.T. 0.00 min
Lab File: VY002963.D
Acq: 22 Jun 2020 10:35

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.5	52.2	78.2
61	37.8	30.3	45.5





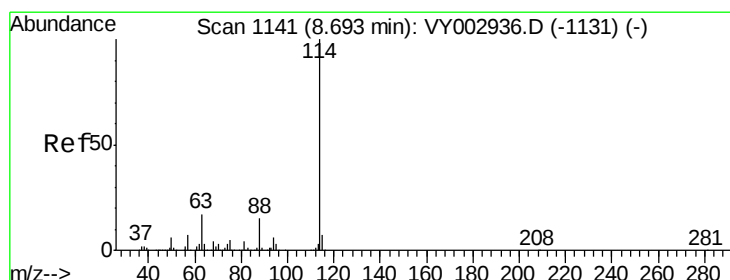
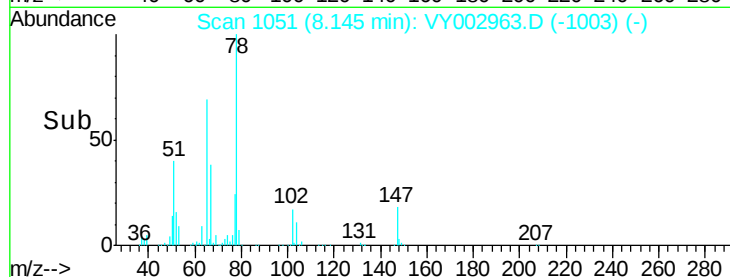
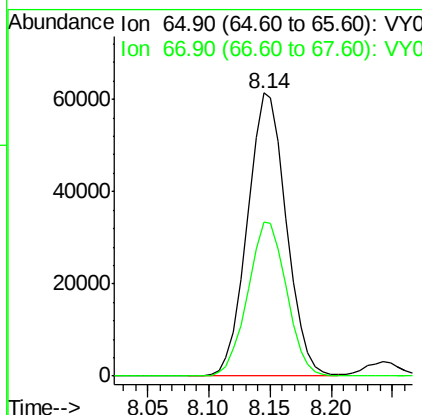
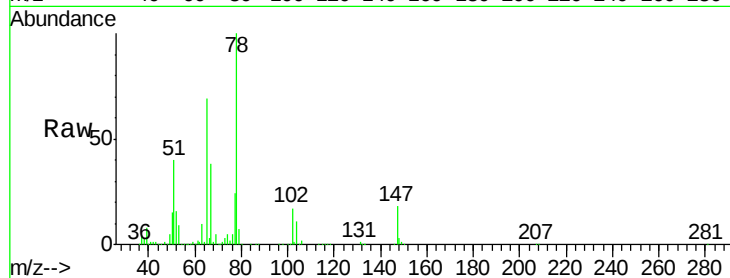
#33
 1,2-Dichloroethane-d4
 Concen: 48.446 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: VY002963.D
 Acq: 22 Jun 2020 10:35

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	54.4	0.0	109.4	

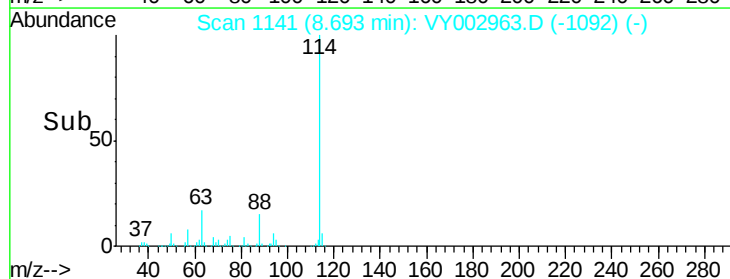
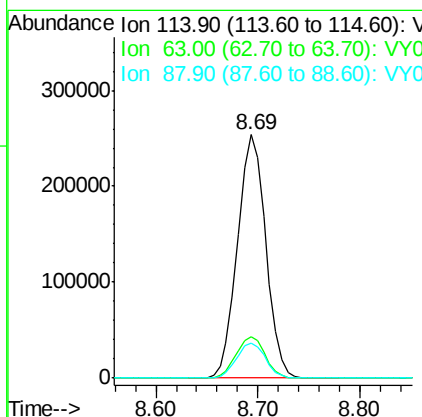
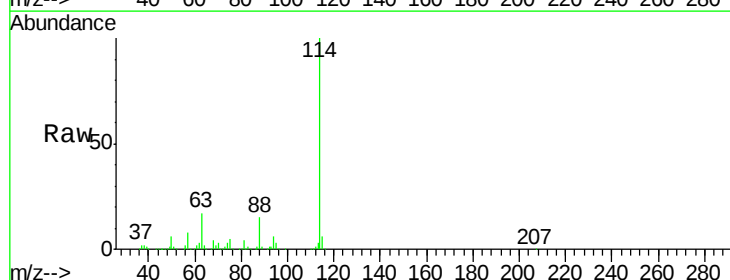
Manual Integrations
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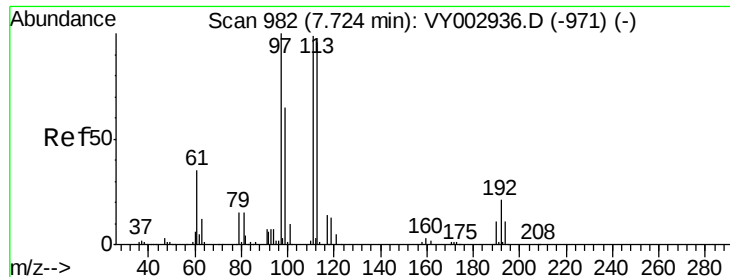
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002963.D
 Acq: 22 Jun 2020 10:35

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	16.9	0.0	34.6	
88	14.5	0.0	29.2	





#35

Dibromofluoromethane

Concen: 50.604 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.00 min

Lab File: VY002963.D

Acq: 22 Jun 2020 10:35

Instrument :

MSVOA_Y

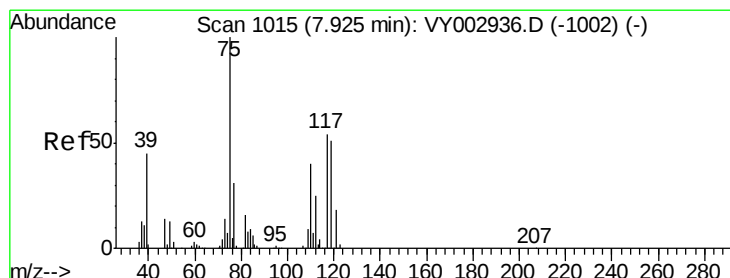
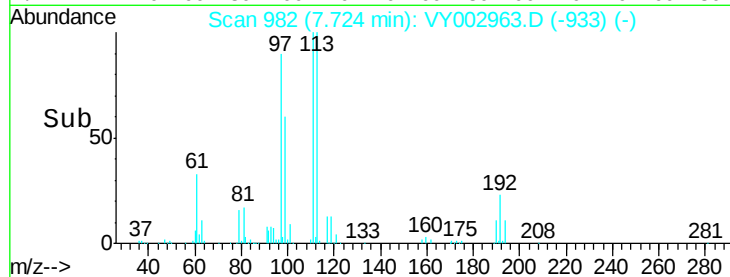
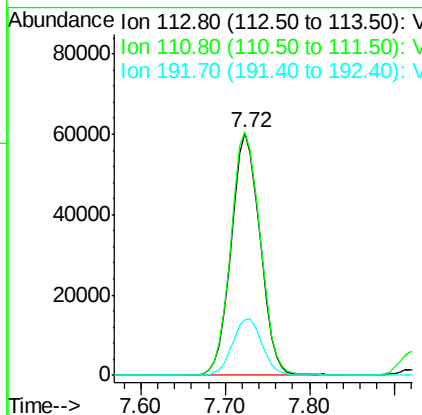
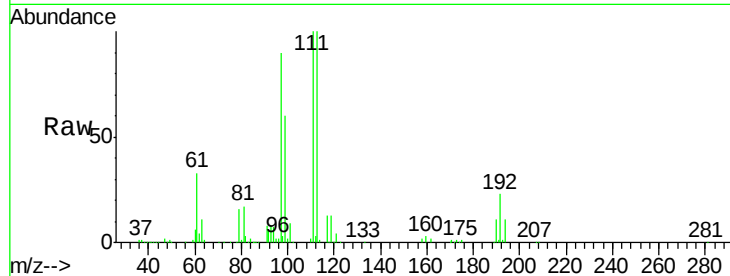
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	140011
Ion Ratio	Lower	Upper	
113	100		
111	102.5	81.5	122.3
192	23.9	19.2	28.8

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 46.864 ug/l

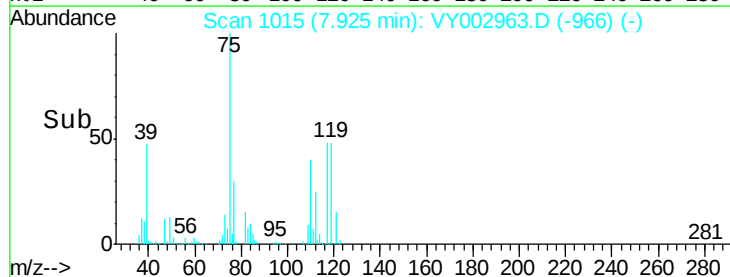
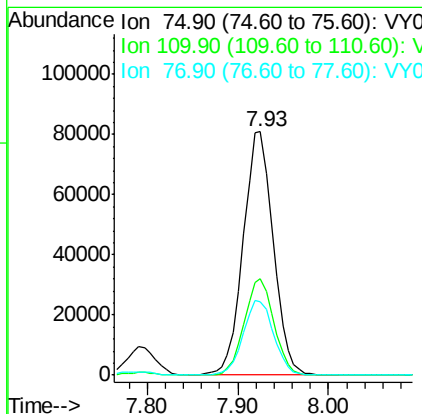
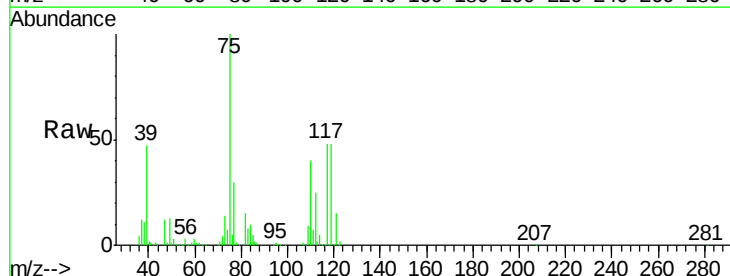
RT: 7.93 min Scan# 1015

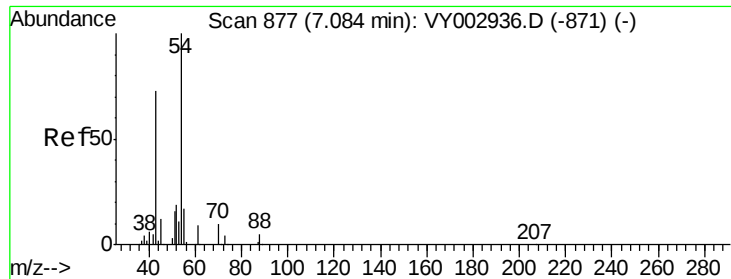
Delta R.T. 0.00 min

Lab File: VY002963.D

Acq: 22 Jun 2020 10:35

Tgt Ion:	75	Resp:	186110
Ion Ratio	Lower	Upper	
75	100		
110	39.0	19.7	59.0
77	31.2	25.0	37.4





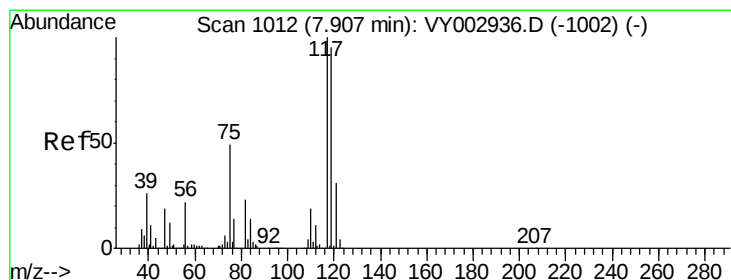
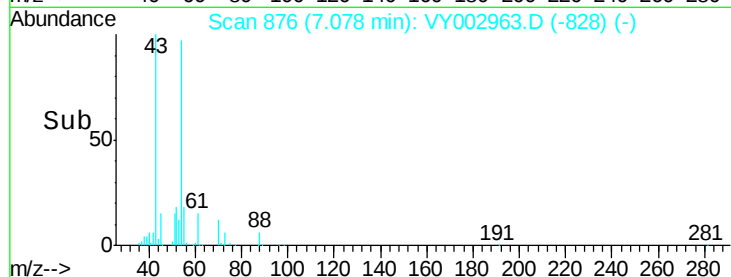
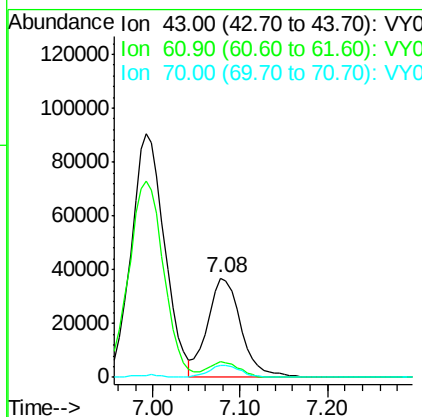
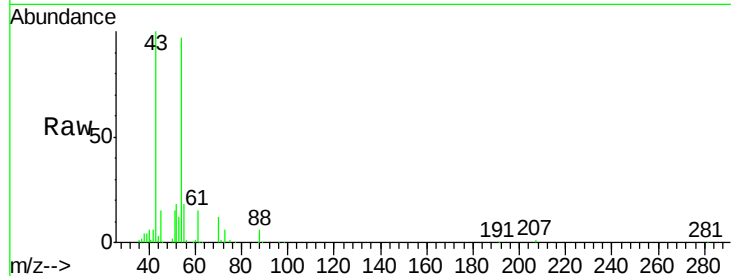
#37
Ethyl Acetate
Concen: 44.417 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY002963.D
Acq: 22 Jun 2020 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.4	12.3	18.5
70	11.6	9.7	14.5

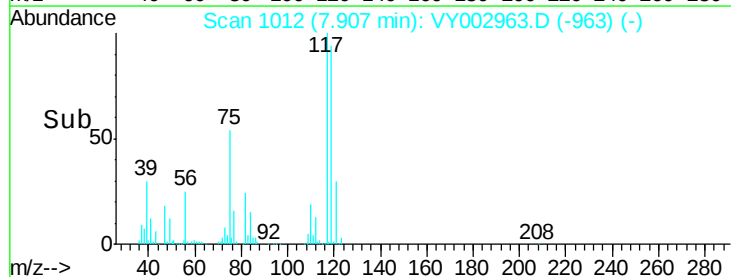
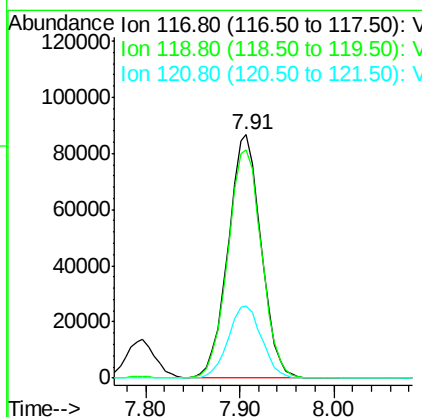
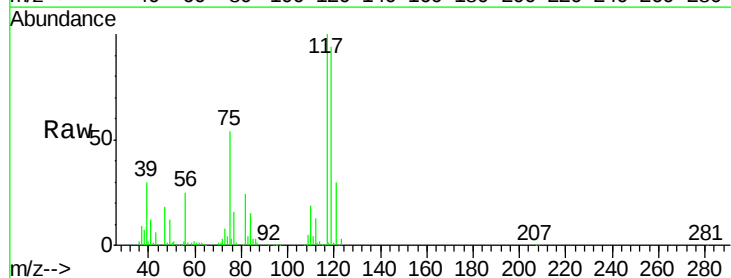
Manual Integrations
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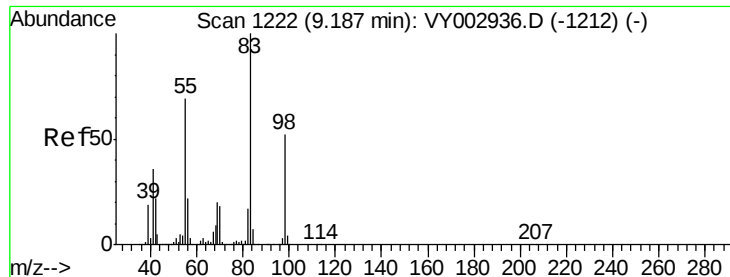
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#38
Carbon Tetrachloride
Concen: 48.137 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY002963.D
Acq: 22 Jun 2020 10:35

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.0	76.1	114.1
121	29.6	24.8	37.2





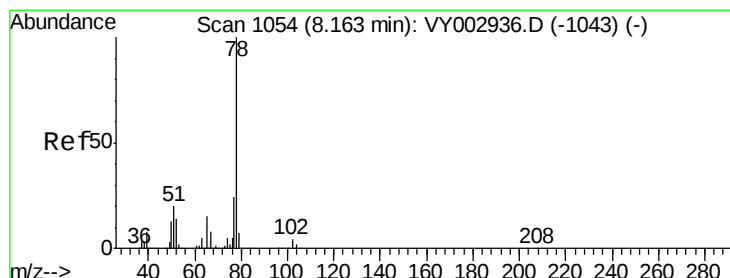
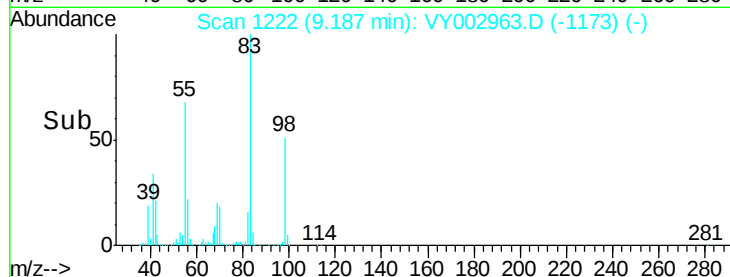
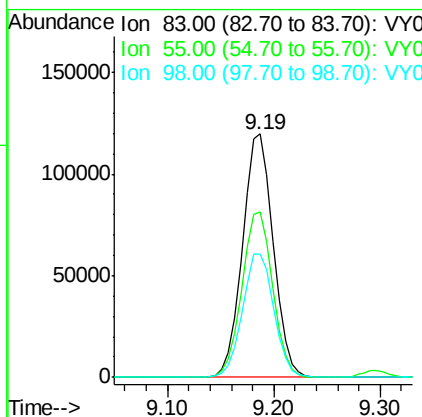
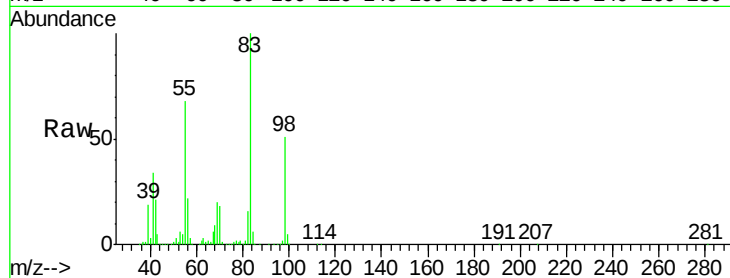
#39
Methylvlcvclohexane
Concen: 46.431 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY002963.D
Acq: 22 Jun 2020 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	68.0	55.0	82.4
98	50.9	41.4	62.2

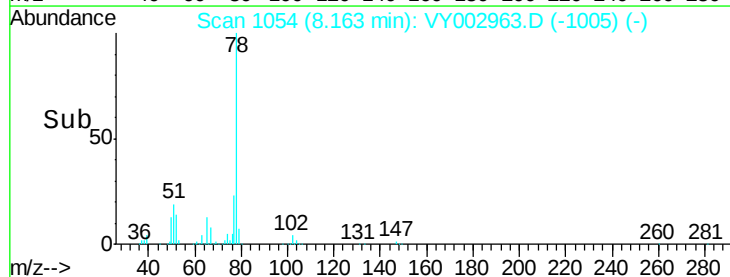
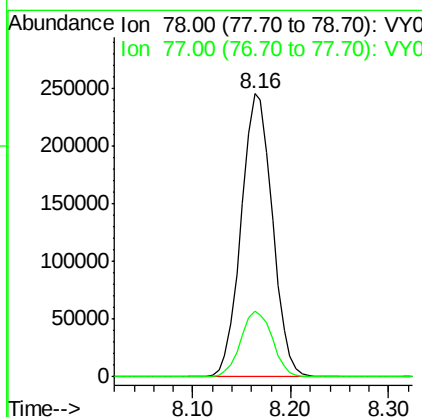
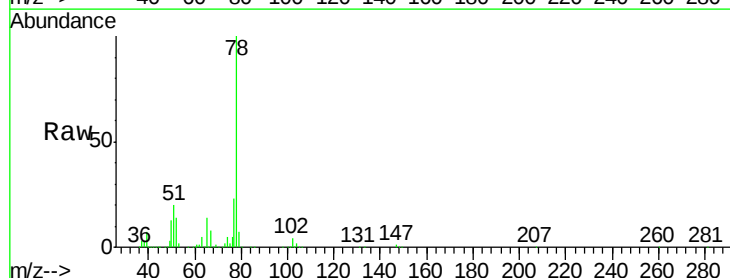
Manual Integrations
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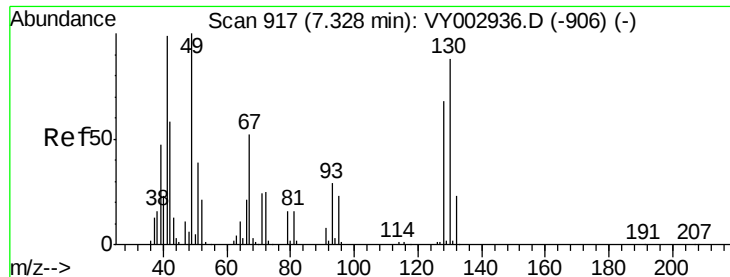
MMDadoda
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#40
Benzene
Concen: 46.123 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VY002963.D
Acq: 22 Jun 2020 10:35

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.3	28.9





#41

Methacrylonitrile

Concen: 46.818 ug/l m

RT: 7.33 min Scan# 917

Delta R.T. 0.00 min

Lab File: VY002963.D

Acq: 22 Jun 2020 10:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 51686

Ion Ratio Lower Upper

41 100

39 117.9 96.6 144.8

67 0.0 0.0 0.0

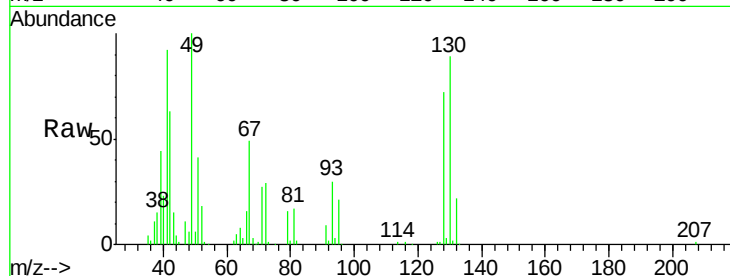
52 0.0 0.0 0.0

Manual Integrations

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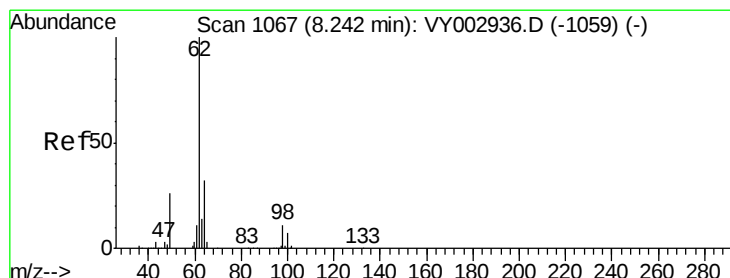
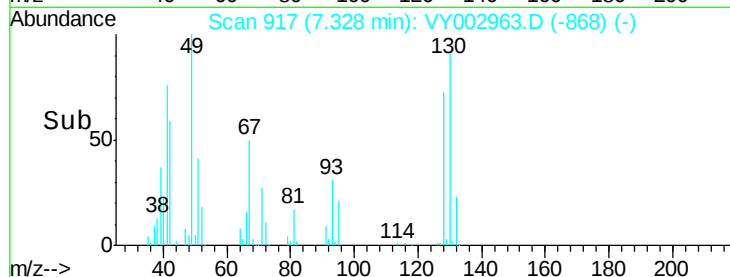
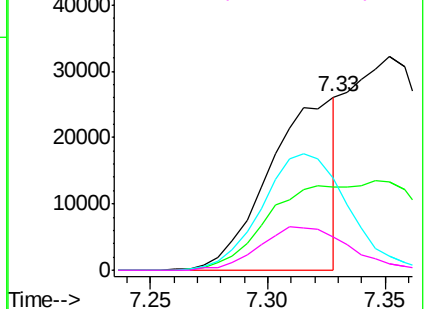


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 46.110 ug/l

RT: 8.24 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VY002963.D

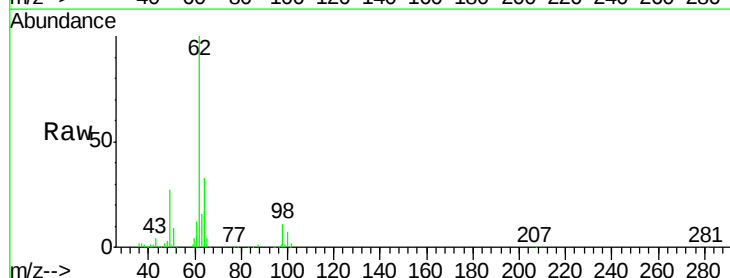
Acq: 22 Jun 2020 10:35

Tgt Ion: 62 Resp: 151310

Ion Ratio Lower Upper

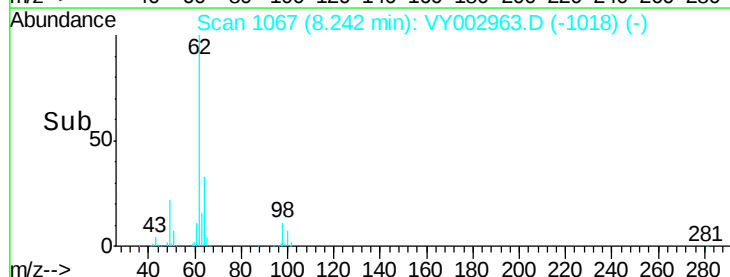
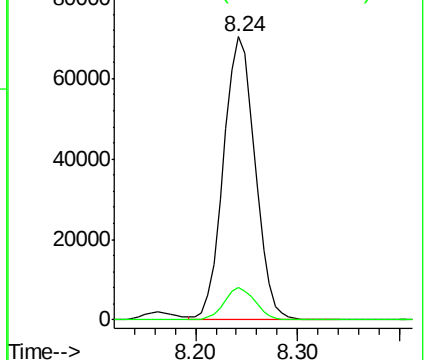
62 100

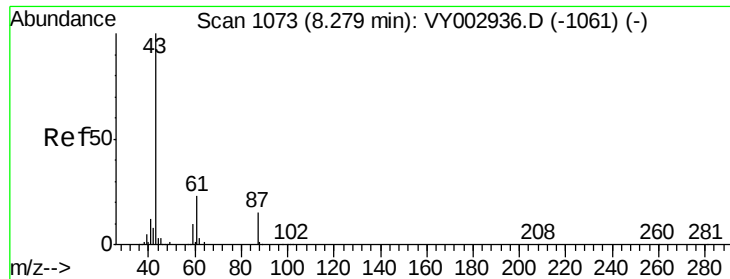
98 11.1 0.0 22.6



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 44.702 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VY002963.D

Acq: 22 Jun 2020 10:35

Instrument :

MSVOA_Y

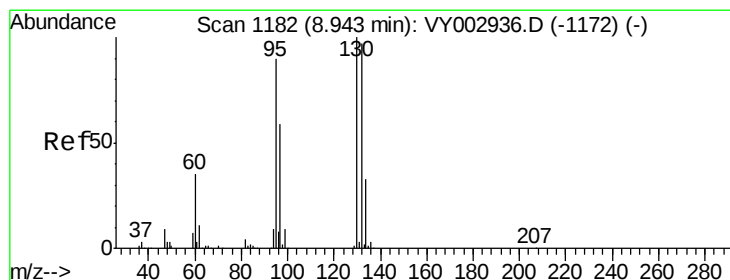
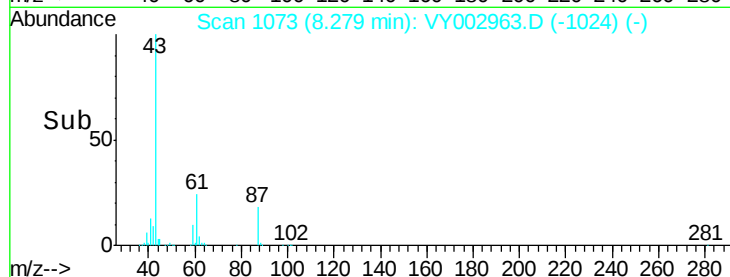
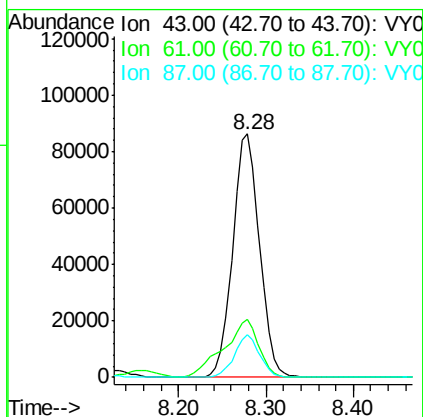
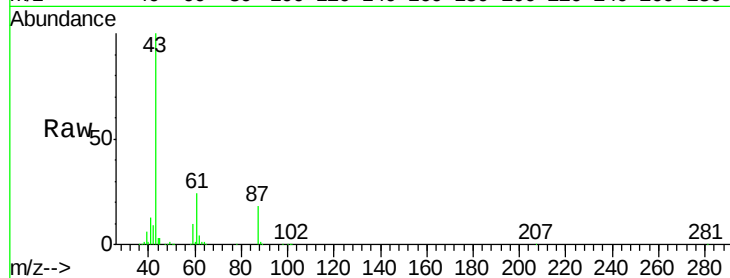
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	183561
Ion	Ratio	Lower	Upper
43	100		
61	31.4	25.0	37.4
87	16.3	12.6	18.8

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#44

Trichloroethene

Concen: 47.172 ug/l

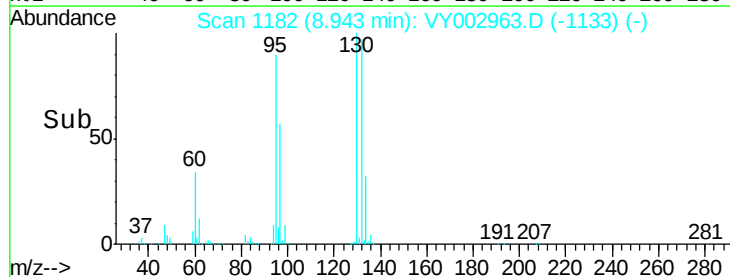
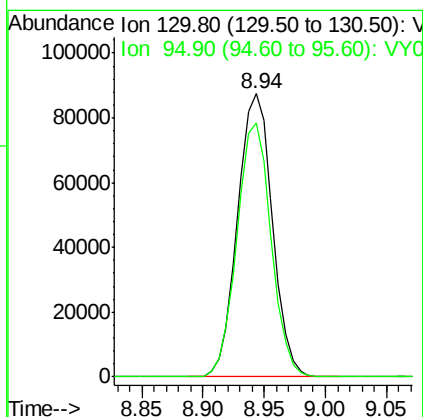
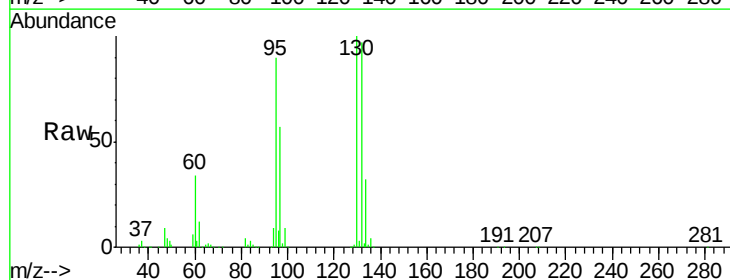
RT: 8.94 min Scan# 1182

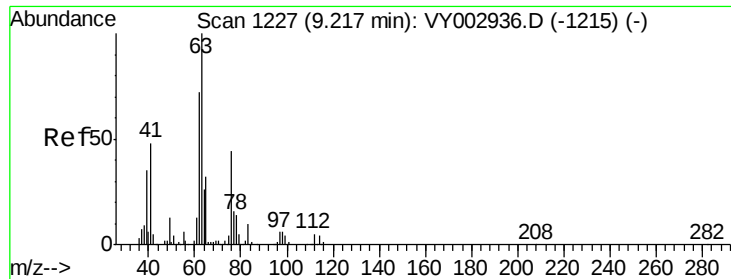
Delta R.T. 0.00 min

Lab File: VY002963.D

Acq: 22 Jun 2020 10:35

Tgt Ion:	130	Resp:	172756
Ion	Ratio	Lower	Upper
130	100		
95	89.8	0.0	179.6





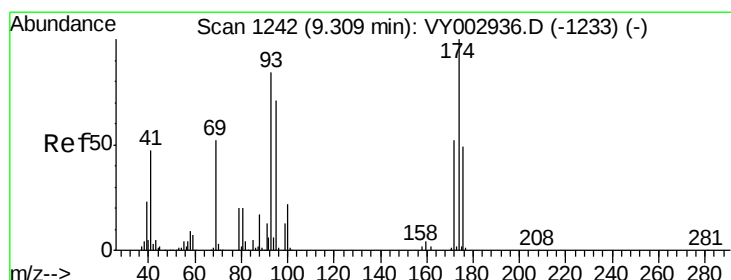
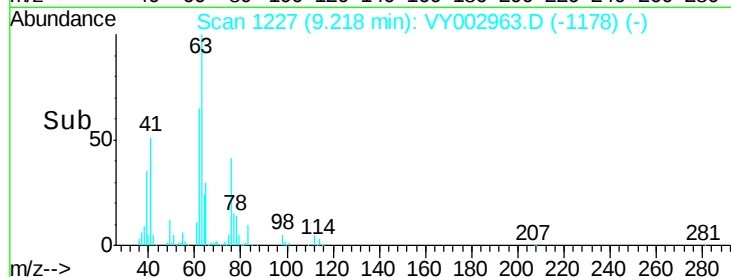
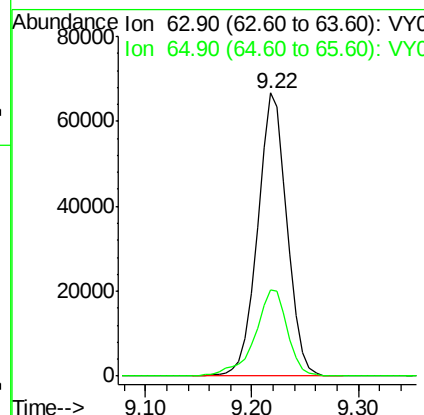
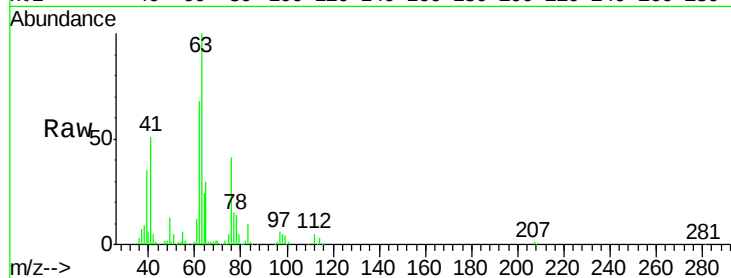
#45
 1,2-Dichloropropane
 Concen: 45.178 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY002963.D
 Acq: 22 Jun 2020 10:35

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.5	25.5	38.3

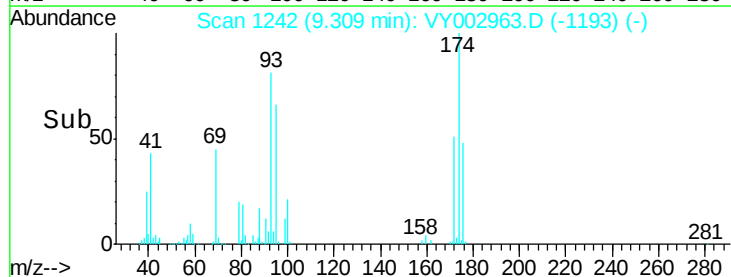
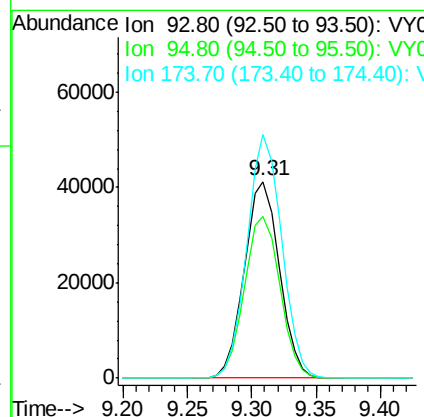
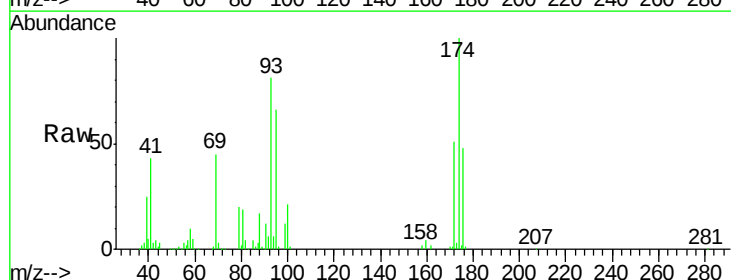
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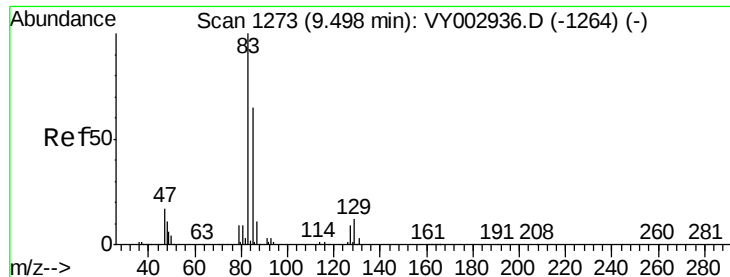
MMDadoda
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#46
 Dibromomethane
 Concen: 45.756 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY002963.D
 Acq: 22 Jun 2020 10:35

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.7	66.4	99.6
174	122.5	95.1	142.7





#47

Bromodichloromethane

Concen: 46.433 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY002963.D

Acq: 22 Jun 2020 10:35

Instrument :

MSVOA_Y

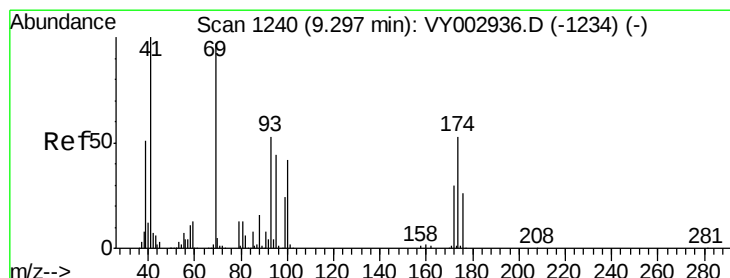
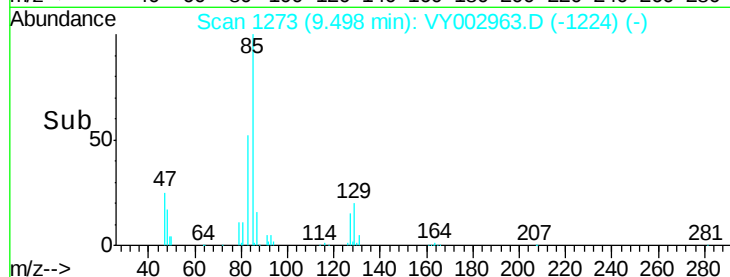
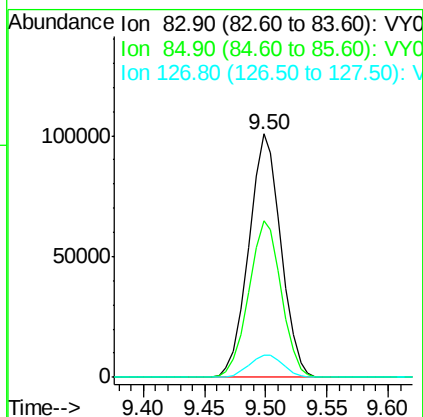
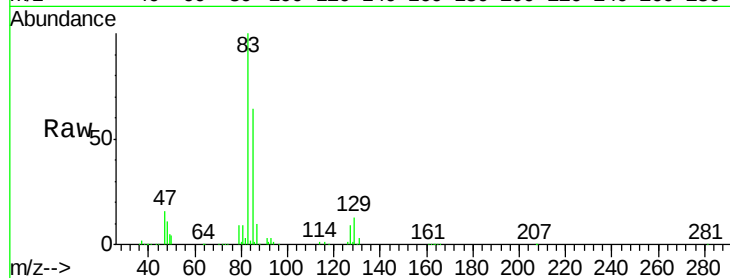
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	184038
Ion Ratio	Lower	Upper	
83	100		
85	64.4	51.9	77.9
127	9.3	7.4	11.0

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#48

Methyl methacrylate

Concen: 44.656 ug/l

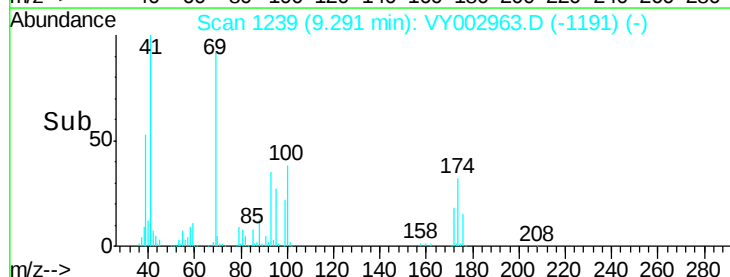
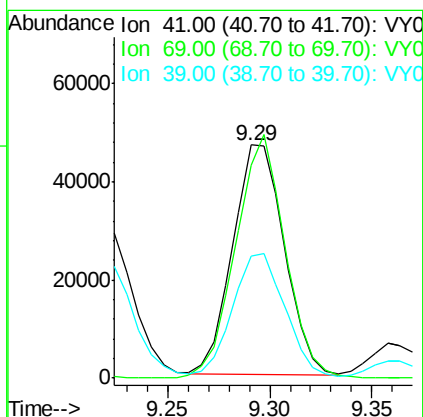
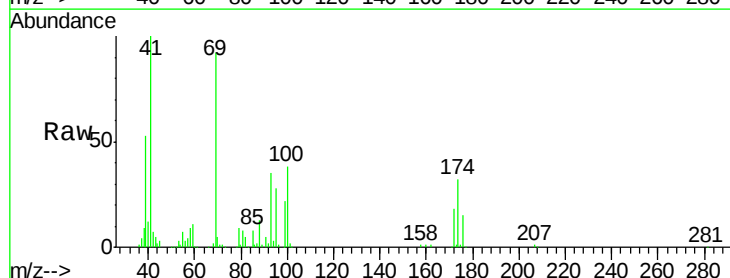
RT: 9.29 min Scan# 1239

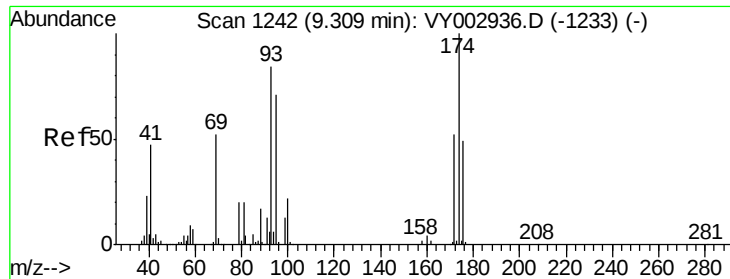
Delta R.T. -0.01 min

Lab File: VY002963.D

Acq: 22 Jun 2020 10:35

Tgt Ion:	41	Resp:	82280
Ion Ratio	Lower	Upper	
41	100		
69	101.8	79.4	119.0
39	55.5	41.1	61.7





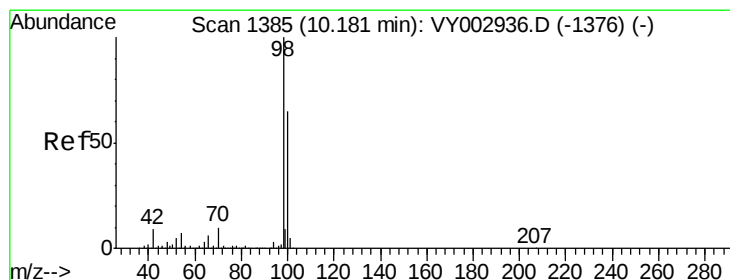
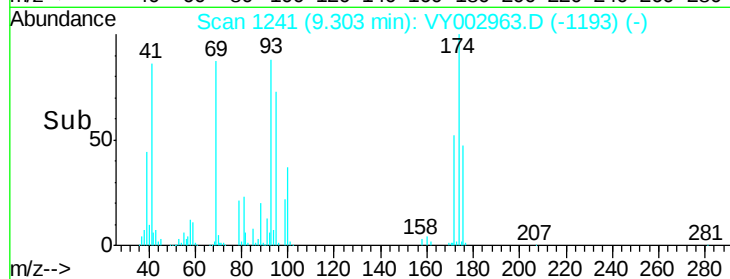
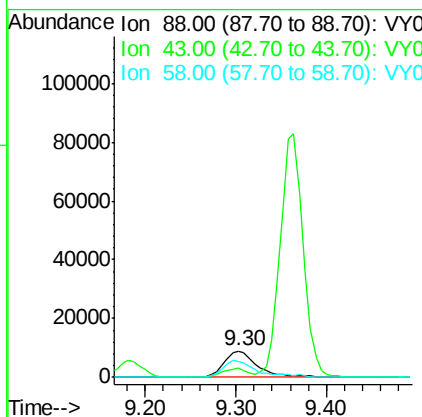
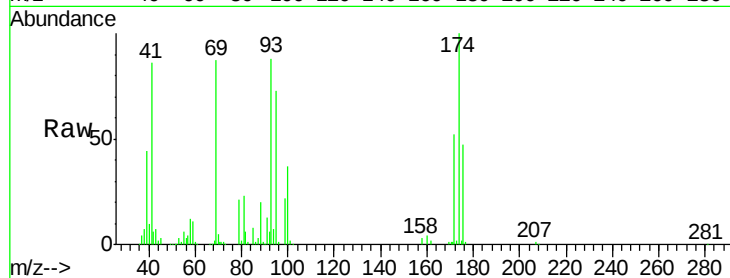
#49
1,4-Dioxane
Concen: 914.455 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VY002963.D
Acq: 22 Jun 2020 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	88	Resp	22753
Ion	Ratio	Lower	Upper
88	100		
43	25.2	21.0	31.6
58	66.3	51.5	77.3

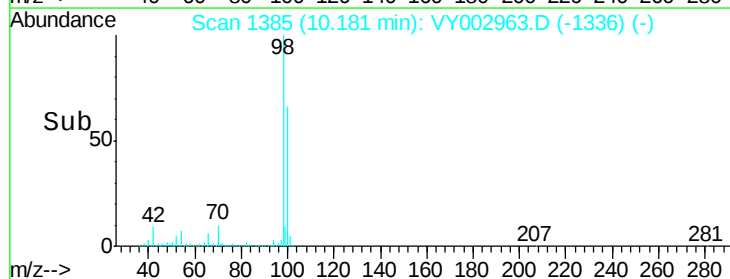
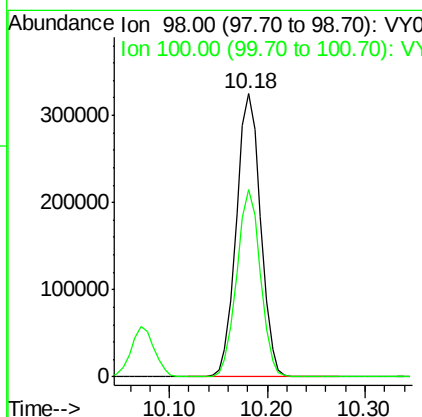
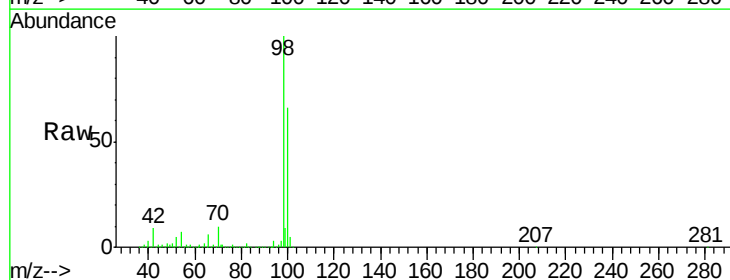
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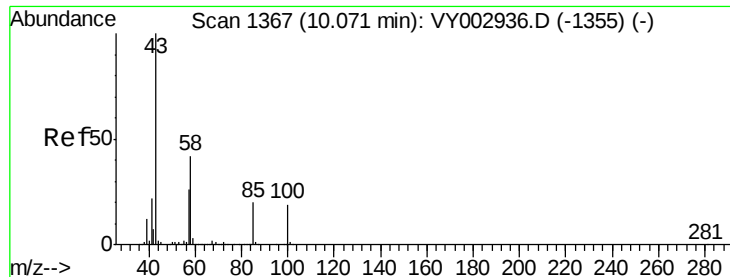
MMDadoda
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#50
Toluene-d8
Concen: 51.161 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY002963.D
Acq: 22 Jun 2020 10:35

Tgt Ion	98	Resp	558130
Ion	Ratio	Lower	Upper
98	100		
100	64.7	51.9	77.9





#51

4-Methyl-2-Pentanone

Concen: 223.589 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VY002963.D

Acq: 22 Jun 2020 10:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 486533

Ion Ratio Lower Upper

43 100

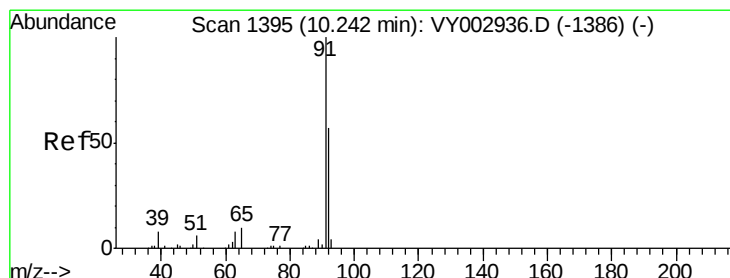
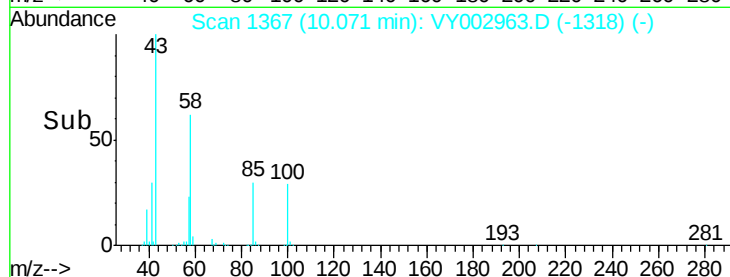
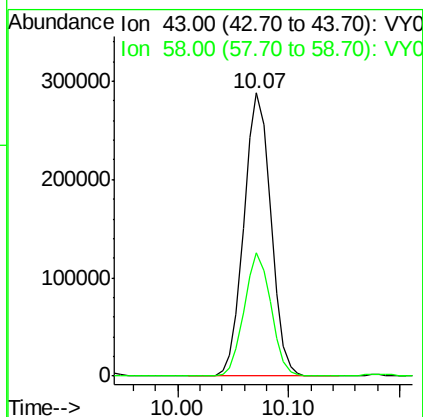
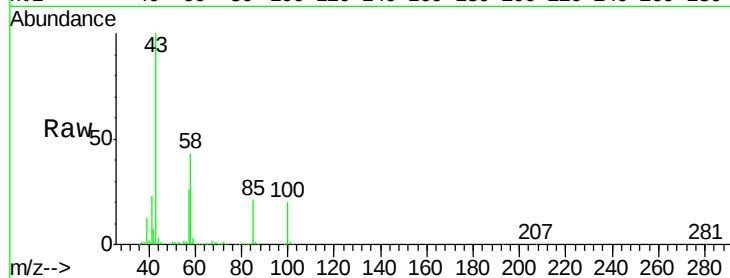
58 43.1 33.9 50.9

Manual Integrations

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#52

Toluene

Concen: 47.045 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. 0.01 min

Lab File: VY002963.D

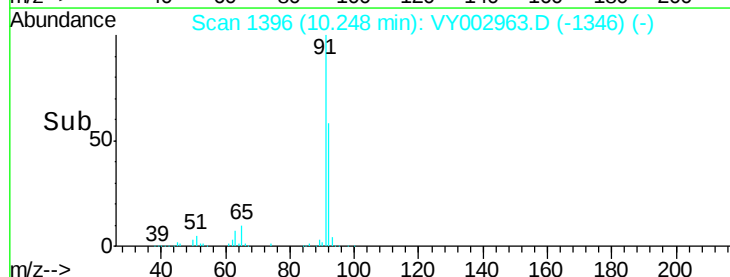
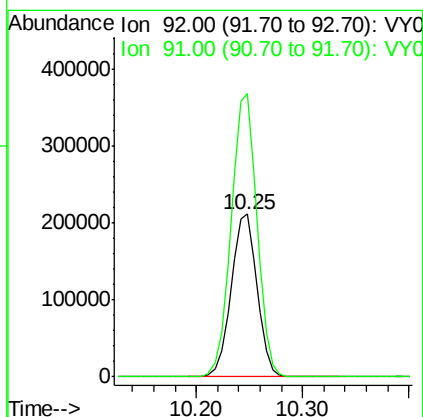
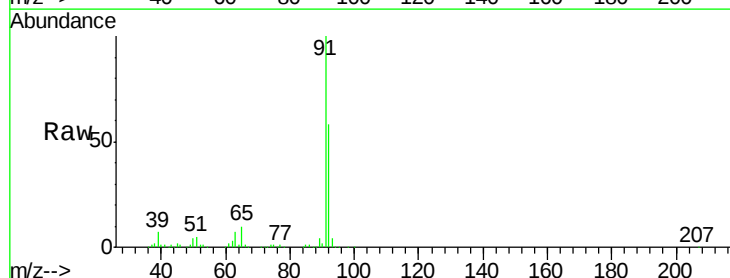
Acq: 22 Jun 2020 10:35

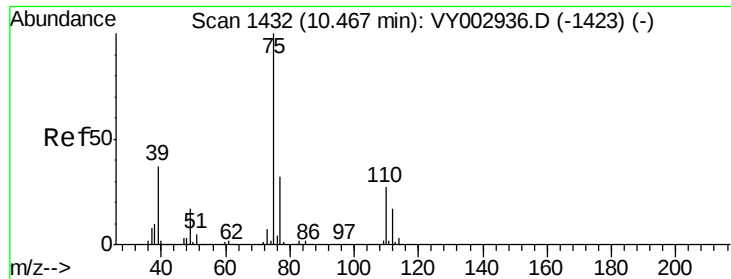
Tgt Ion: 92 Resp: 359979

Ion Ratio Lower Upper

92 100

91 173.6 139.3 208.9





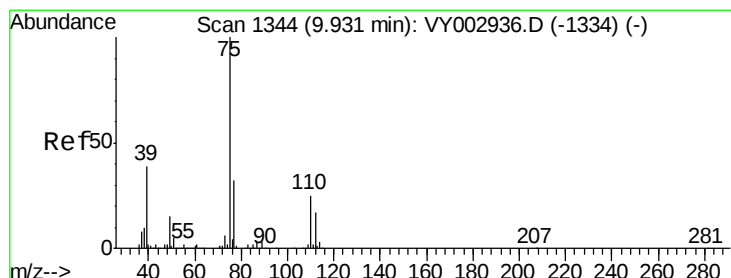
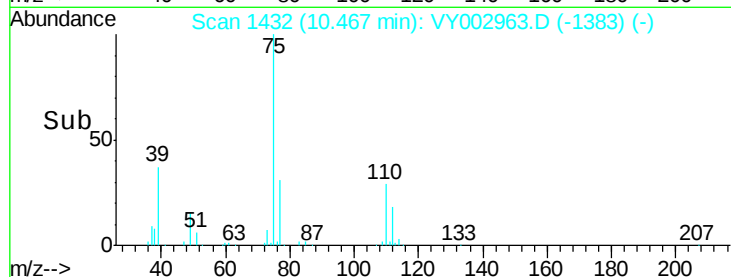
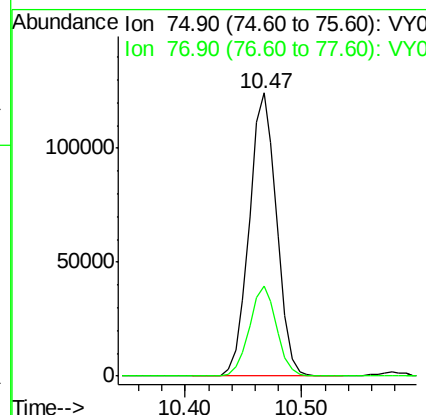
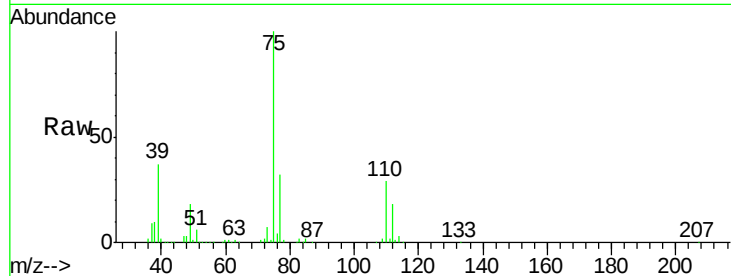
#53
t-1,3-Dichloropropene
Concen: 47.202 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VY002963.D
Acq: 22 Jun 2020 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 203332
Ion Ratio Lower Upper
75 100
77 31.7 25.3 37.9

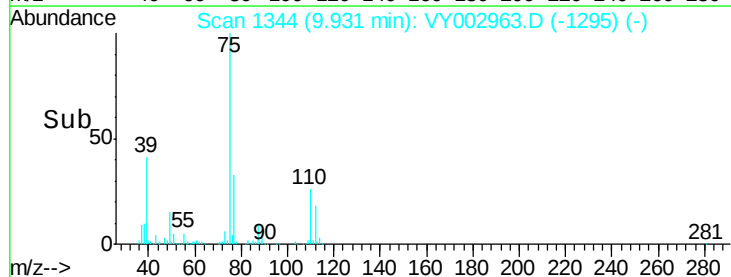
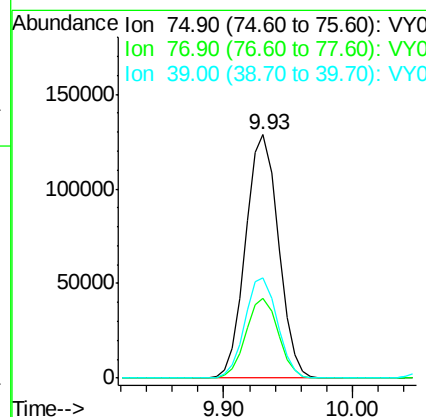
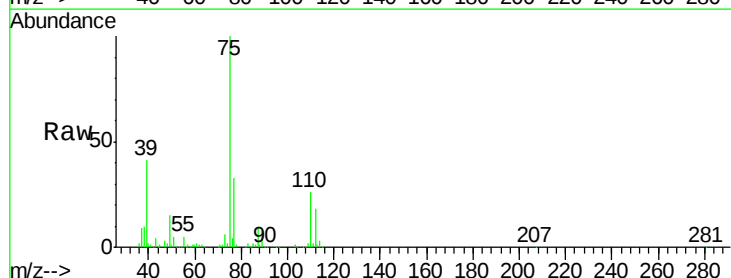
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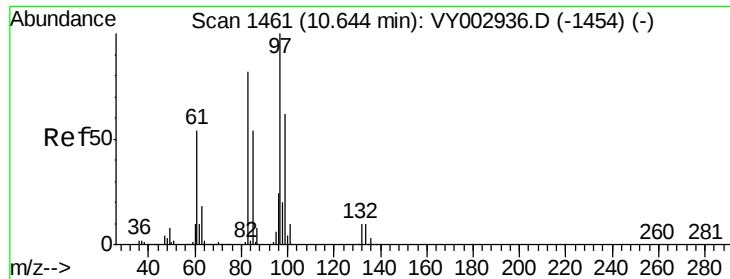
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#54
cis-1,3-Dichloropropene
Concen: 46.489 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. 0.00 min
Lab File: VY002963.D
Acq: 22 Jun 2020 10:35

Tgt Ion: 75 Resp: 226677
Ion Ratio Lower Upper
75 100
77 32.8 25.4 38.2
39 41.3 31.4 47.0





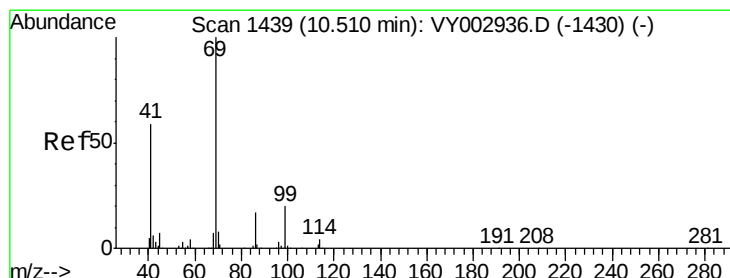
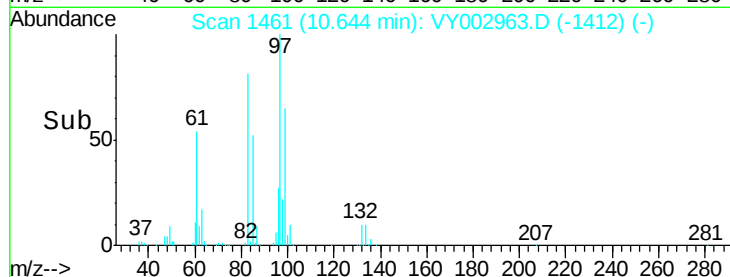
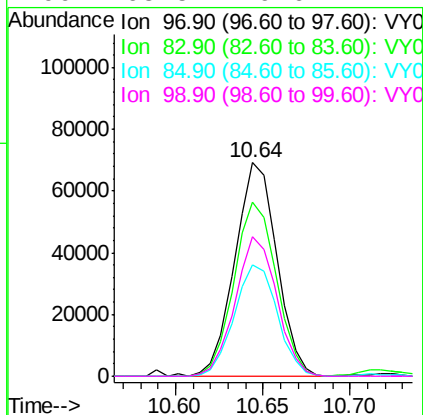
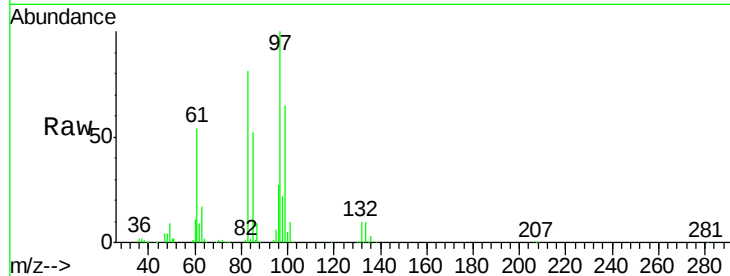
#55
 1,1,2-Trichloroethane
 Concen: 45.326 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY002963.D
 Acq: 22 Jun 2020 10:35

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	114751
Ion	Ratio	Lower	Upper
97	100		
83	81.5	65.9	98.9
85	52.1	43.1	64.7
99	65.5	49.6	74.4

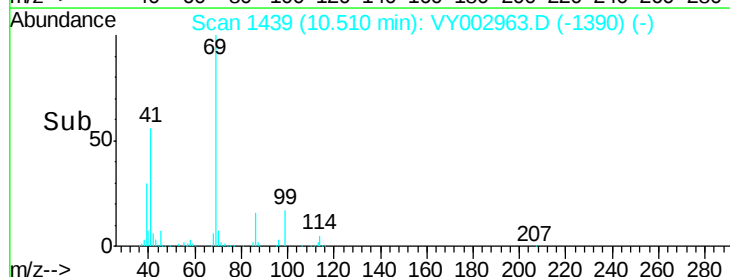
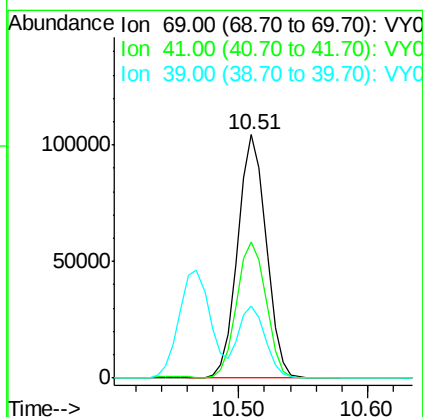
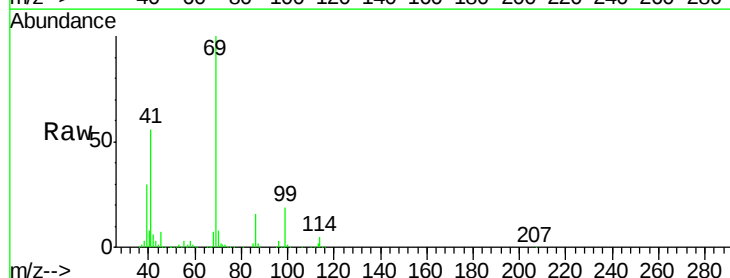
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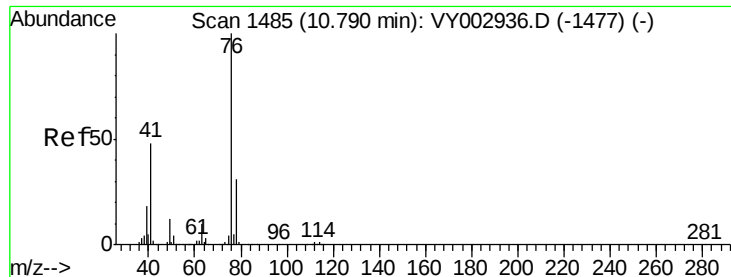
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#56
 Ethyl methacrylate
 Concen: 46.950 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY002963.D
 Acq: 22 Jun 2020 10:35

Tgt Ion:	69	Resp:	160230
Ion	Ratio	Lower	Upper
69	100		
41	57.6	46.4	69.6
39	28.0	21.4	32.0





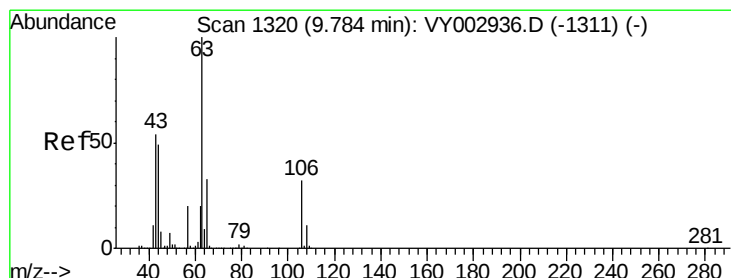
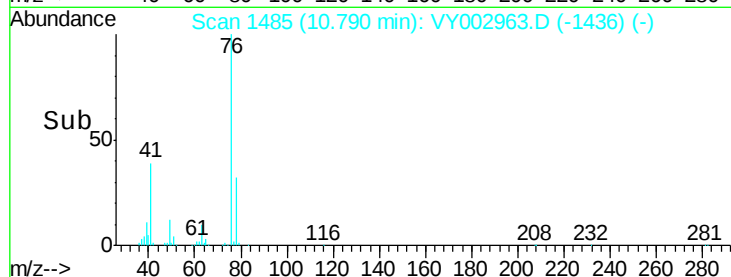
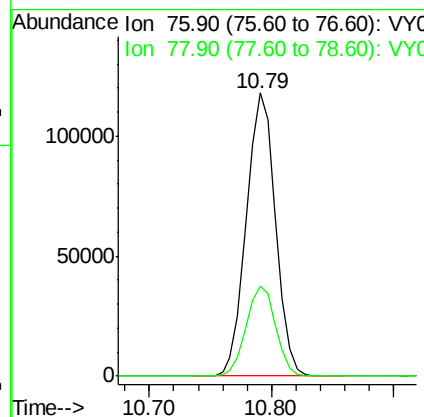
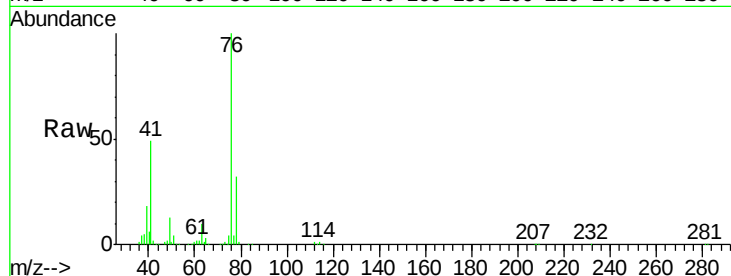
#57
 1,3-Dichloropropane
 Concen: 46.237 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VY002963.D
 Acq: 22 Jun 2020 10:35

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.1	25.4	38.2

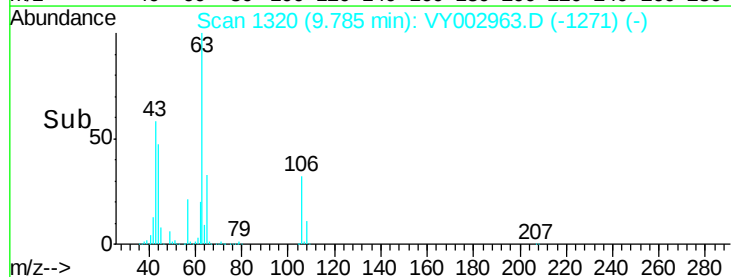
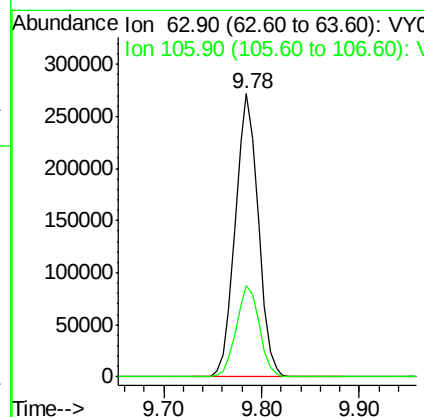
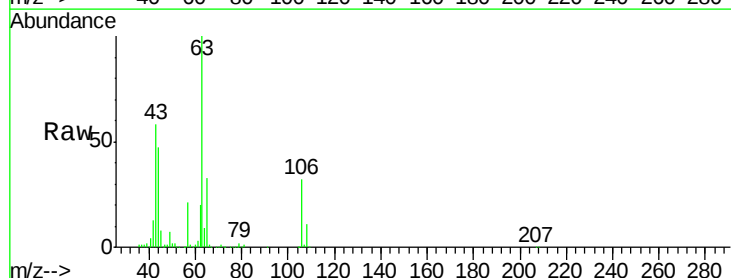
Manual Integrations
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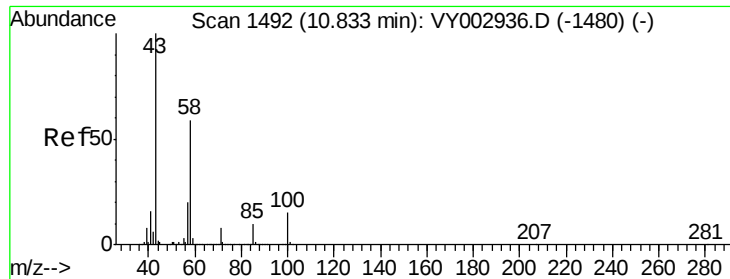
MMDadoda
 6/23/2020 8:13:11 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 259.477 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: VY002963.D
 Acq: 22 Jun 2020 10:35

Tgt Ion	Ratio	Lower	Upper
63	100		
106	32.4	25.6	38.4





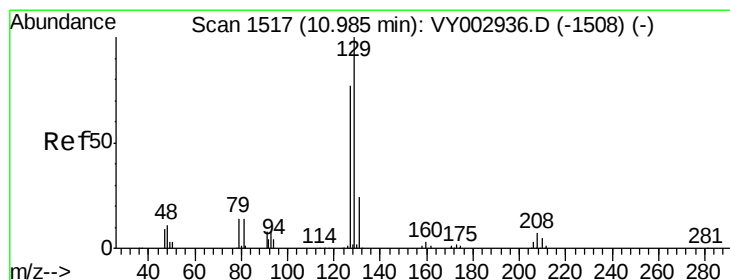
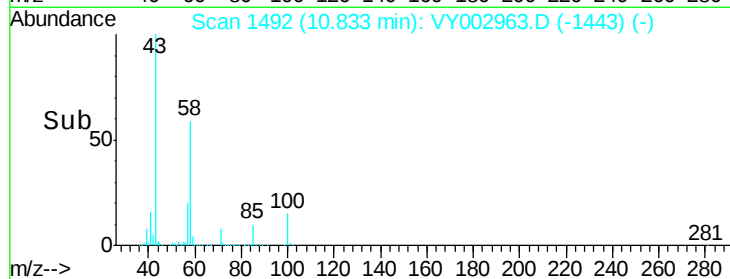
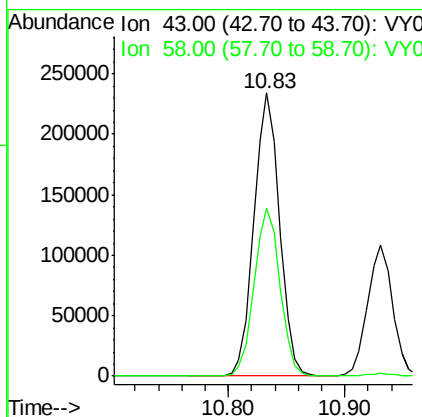
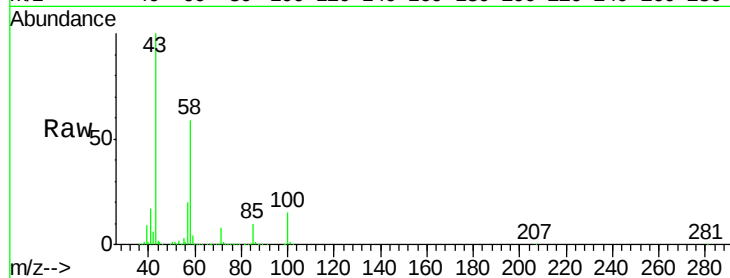
#59
2-Hexanone
Concen: 235.383 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY002963.D
Acq: 22 Jun 2020 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 360101
Ion Ratio Lower Upper
43 100
58 59.6 29.7 89.1

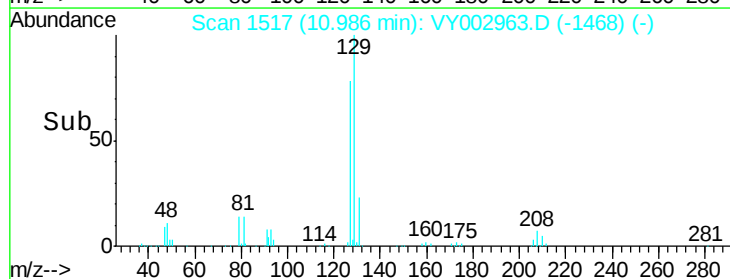
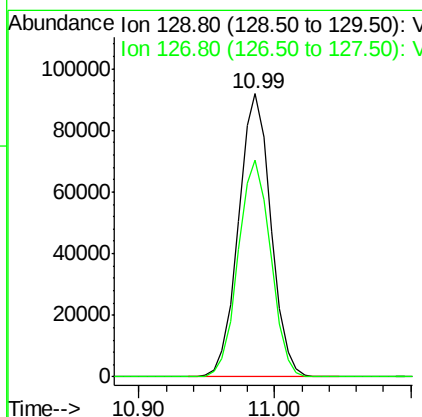
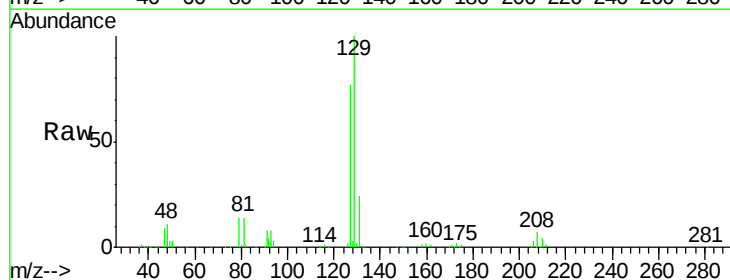
Manual Integrations
APPROVED

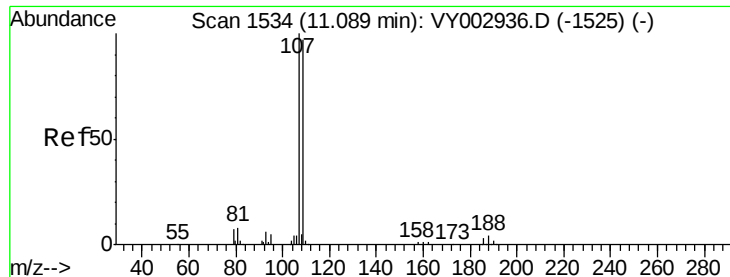
MMDadoda
6/23/2020 8:13:11 PM



#60
Dibromochloromethane
Concen: 47.166 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY002963.D
Acq: 22 Jun 2020 10:35

Tgt Ion: 129 Resp: 152284
Ion Ratio Lower Upper
129 100
127 76.9 38.9 116.6





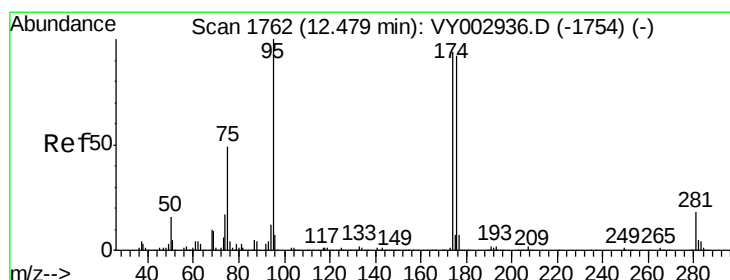
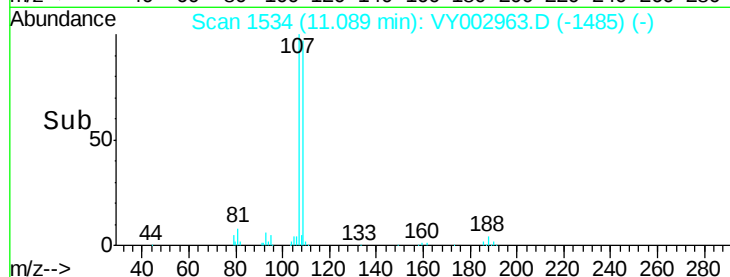
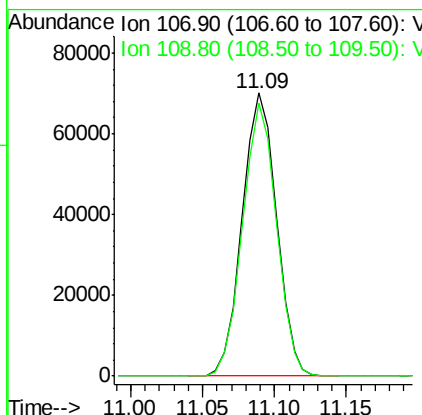
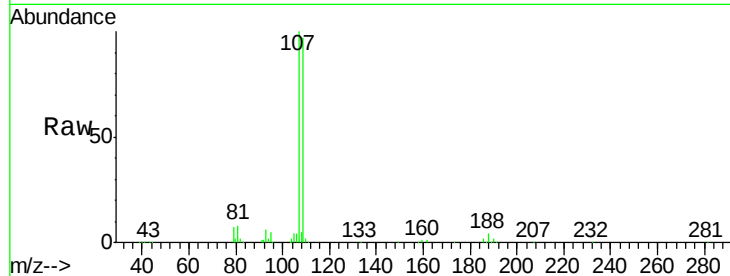
#61
 1,2-Dibromoethane
 Concen: 46.173 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY002963.D
 Acq: 22 Jun 2020 10:35

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.1	76.6	114.8

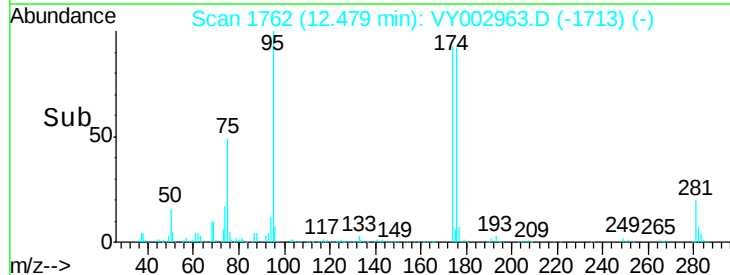
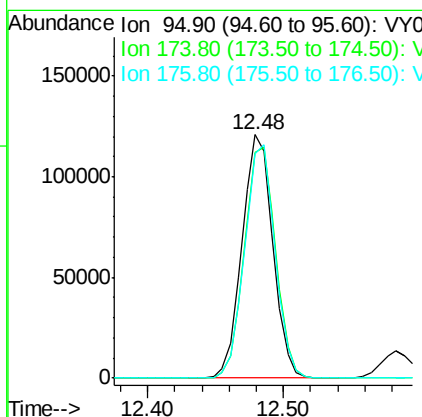
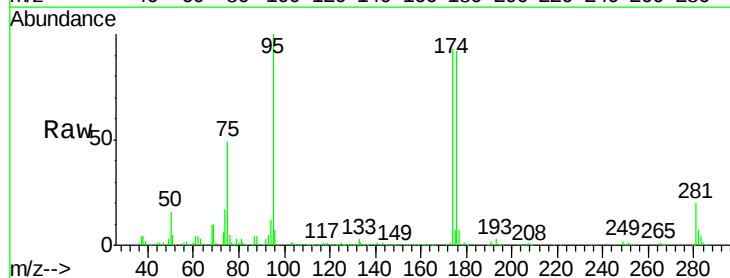
Manual Integrations
 APPROVED

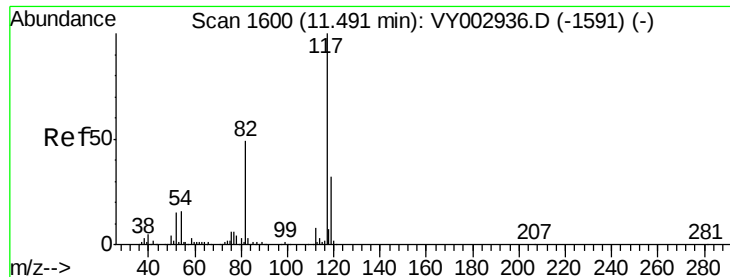
MMDadoda
 6/23/2020 8:13:11 PM



#62
 4-Bromofluorobenzene
 Concen: 50.461 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY002963.D
 Acq: 22 Jun 2020 10:35

Tgt Ion	Ratio	Lower	Upper
95	100		
174	96.5	0.0	191.2
176	95.0	0.0	186.0





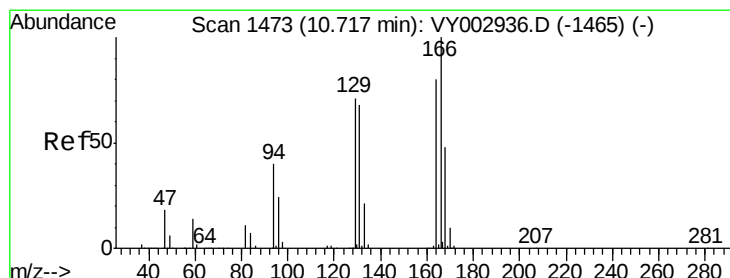
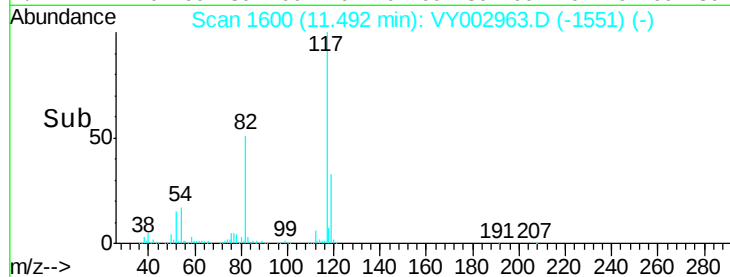
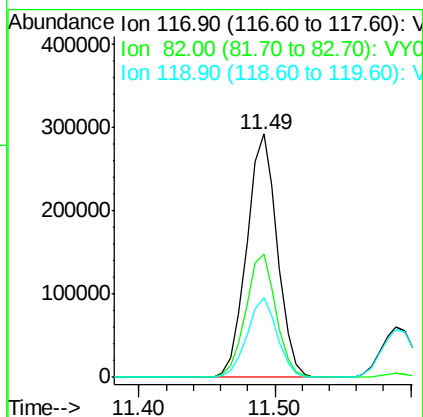
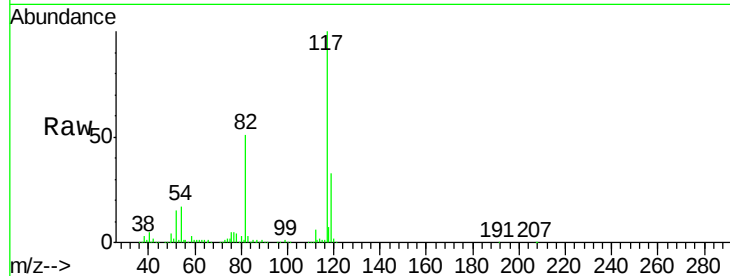
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002963.D
Acq: 22 Jun 2020 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	457374		
82	50.5	39.4	59.0	
119	32.7	25.4	38.0	

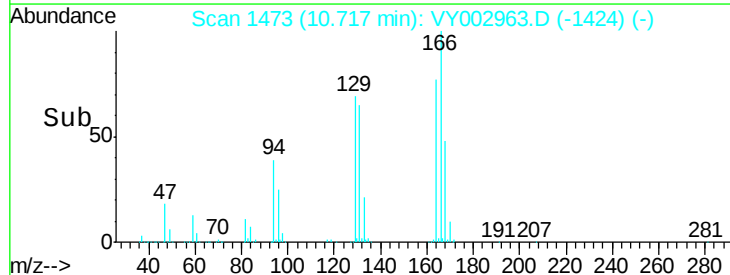
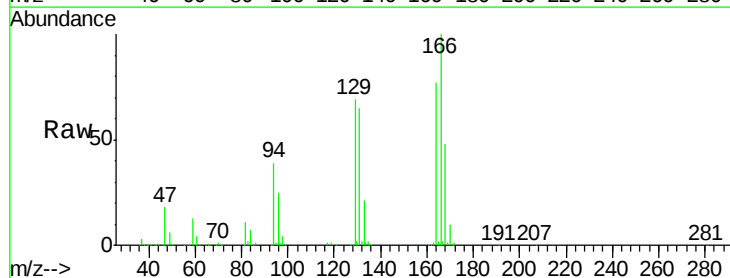
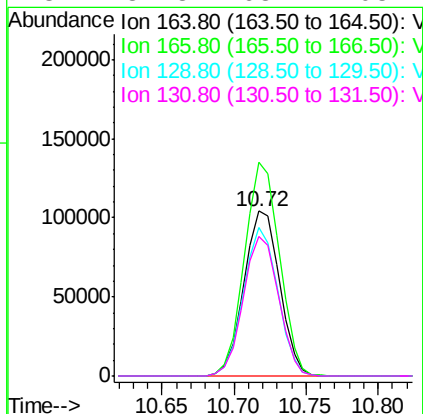
Manual Integrations
APPROVED

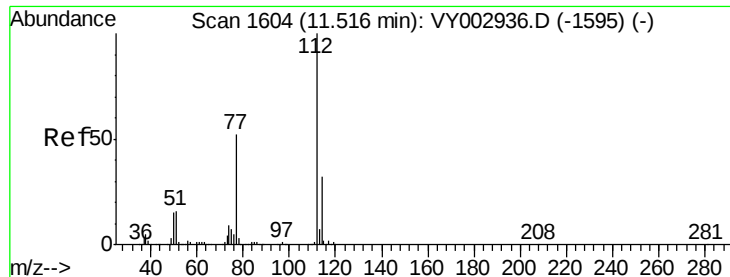
MMDadoda
6/23/2020 8:13:11 PM



#64
Tetrachloroethene
Concen: 46.721 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY002963.D
Acq: 22 Jun 2020 10:35

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	178067		
166	129.6	100.5	150.7	
129	90.0	71.1	106.7	
131	84.8	68.7	103.1	





#65

Chlorobenzene

Concen: 46.795 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VY002963.D

Acq: 22 Jun 2020 10:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 405128

Ion Ratio Lower Upper

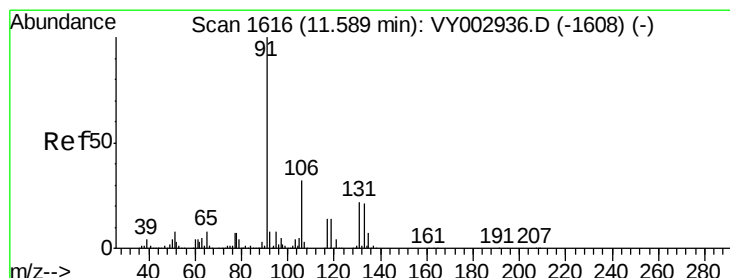
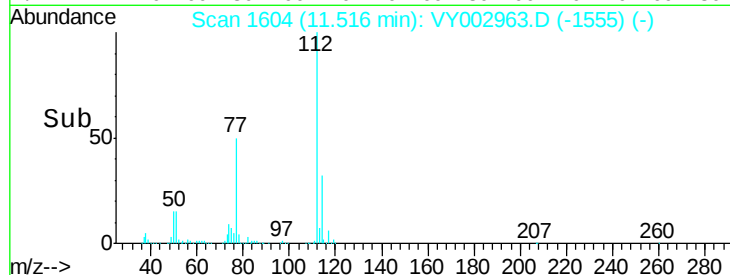
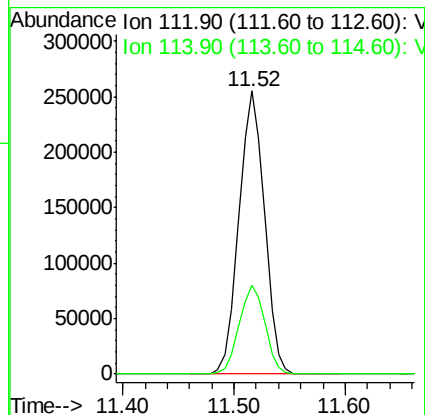
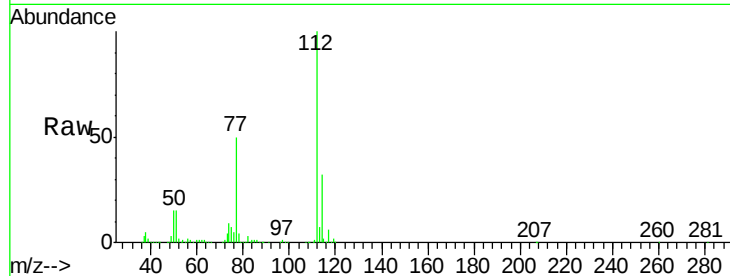
112 100

114 31.5 26.0 39.0

Manual Integrations
APPROVED

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#66

1,1,1,2-Tetrachloroethane

Concen: 46.874 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY002963.D

Acq: 22 Jun 2020 10:35

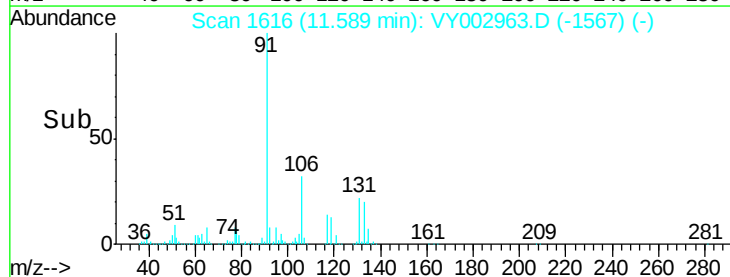
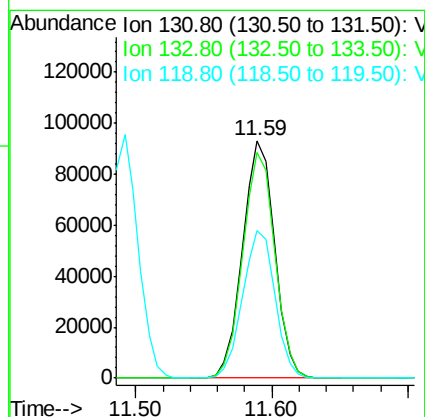
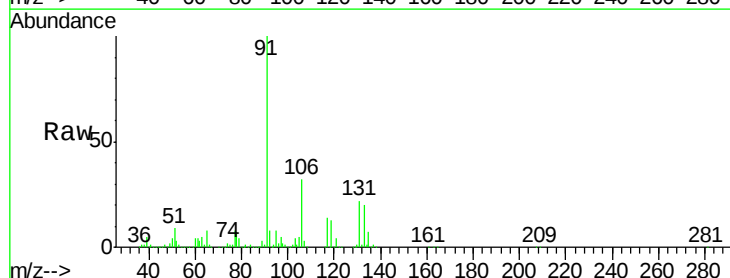
Tgt Ion:131 Resp: 153396

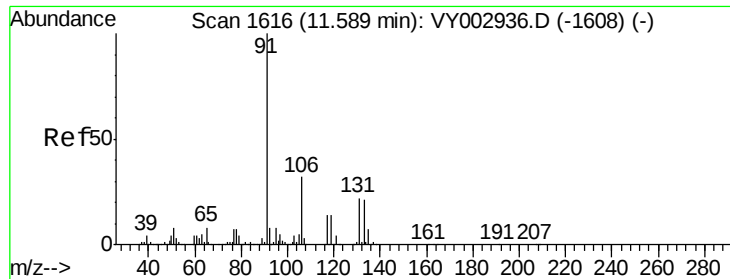
Ion Ratio Lower Upper

131 100

133 95.6 47.7 143.1

119 62.7 31.5 94.5





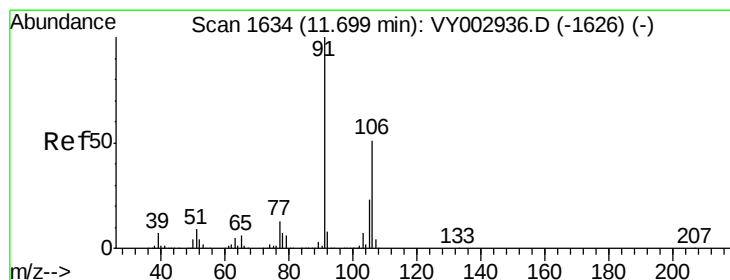
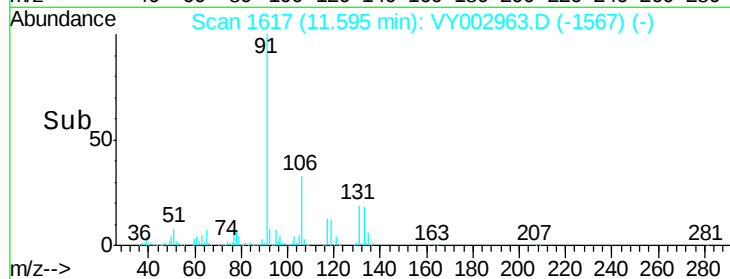
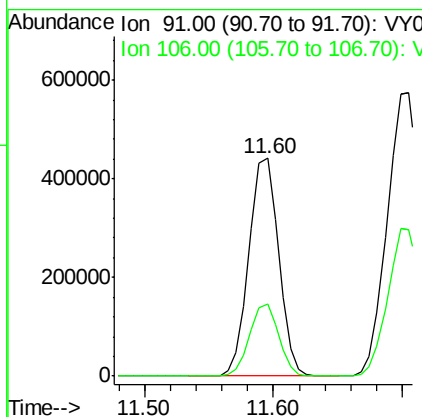
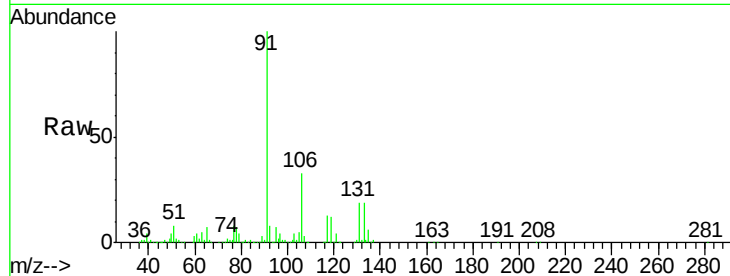
#67
Ethyl Benzene
Concen: 47.175 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.01 min
Lab File: VY002963.D
Acq: 22 Jun 2020 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
106	33.1	25.8	38.8

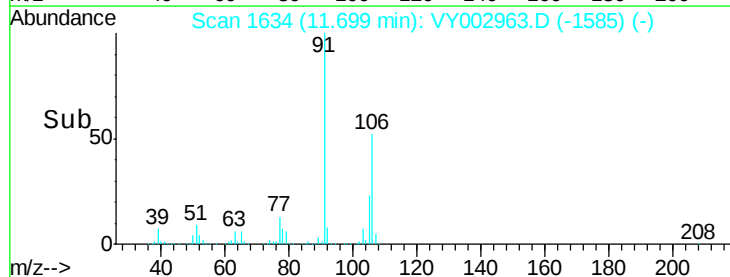
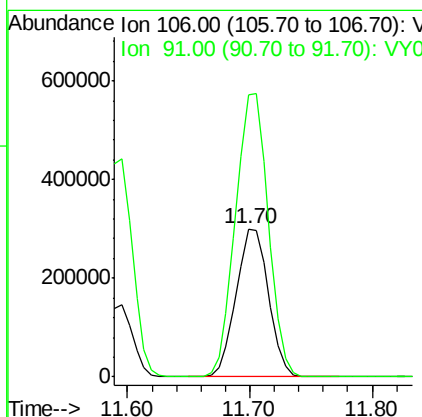
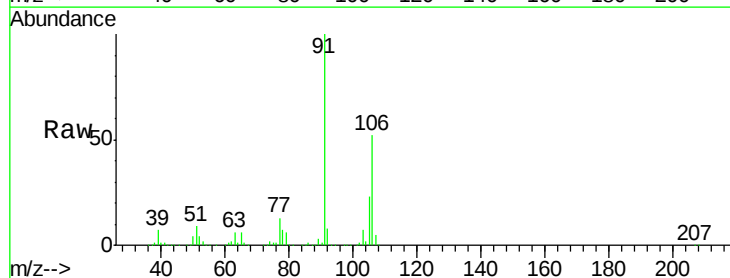
Manual Integrations
APPROVED

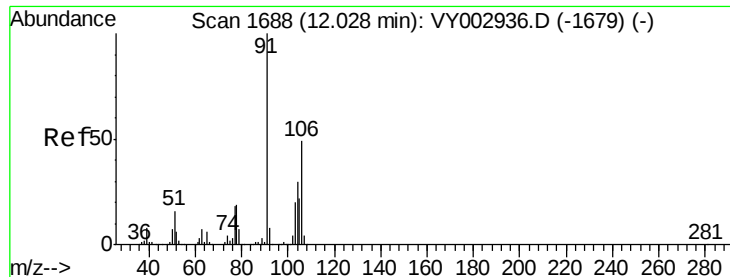
MMDadoda
6/23/2020 8:13:11 PM



#68
m/p-Xylenes
Concen: 94.965 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY002963.D
Acq: 22 Jun 2020 10:35

Tgt Ion	Ratio	Lower	Upper
106	100		
91	194.0	155.9	233.9





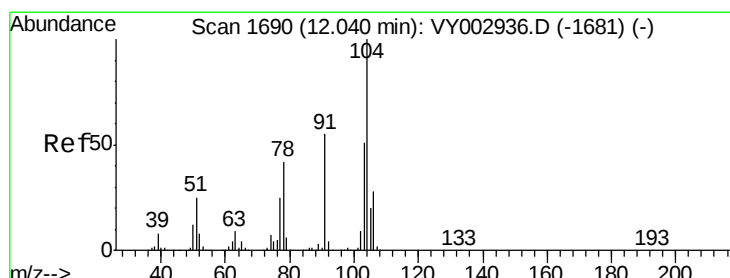
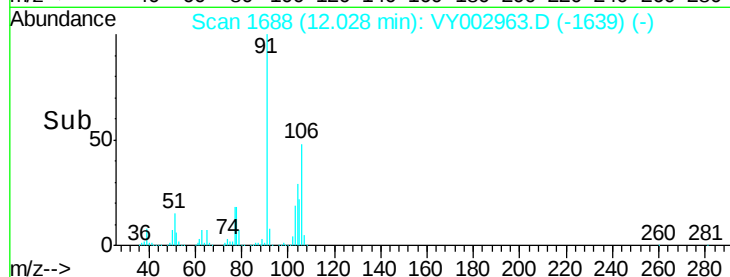
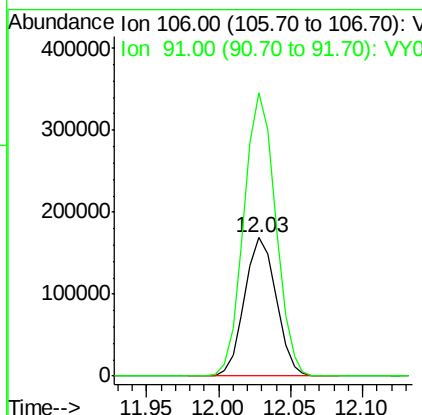
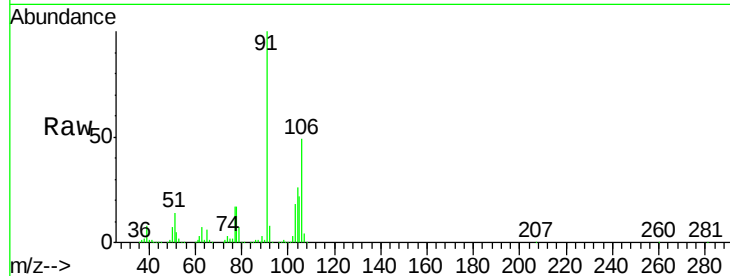
#69
o-Xylene
Concen: 47.300 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY002963.D
Acq: 22 Jun 2020 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
258733	106	100		
	91	204.0	102.1	306.1

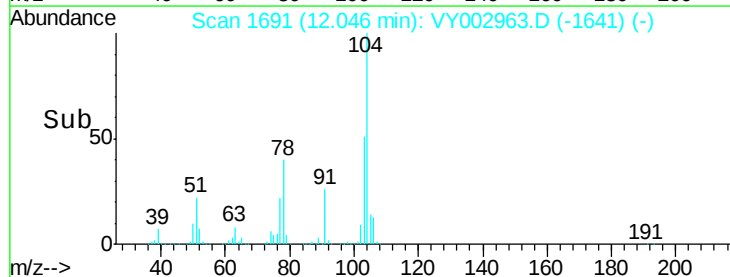
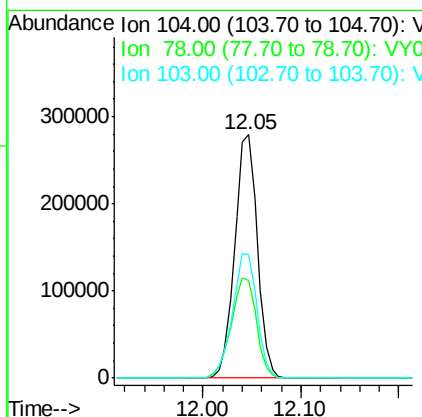
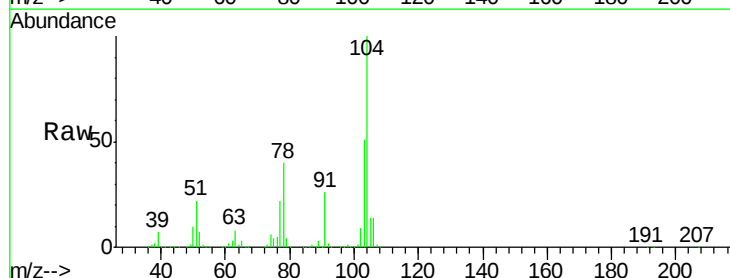
Manual Integrations
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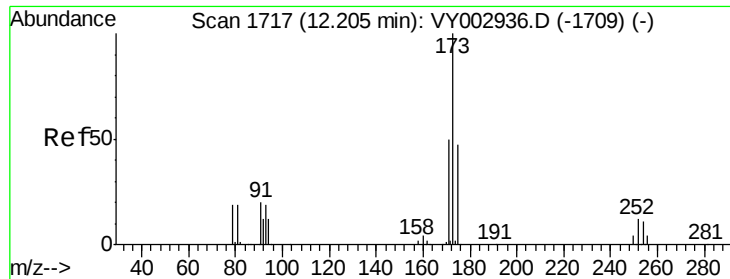
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#70
Styrene
Concen: 47.410 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY002963.D
Acq: 22 Jun 2020 10:35

Tgt Ion	Ion	Ratio	Lower	Upper
448084	104	100		
	78	45.6	36.9	55.3
	103	55.2	43.7	65.5





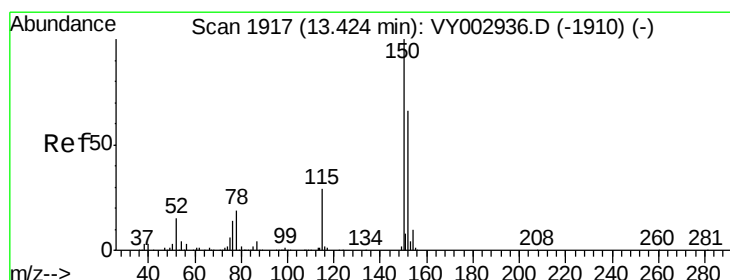
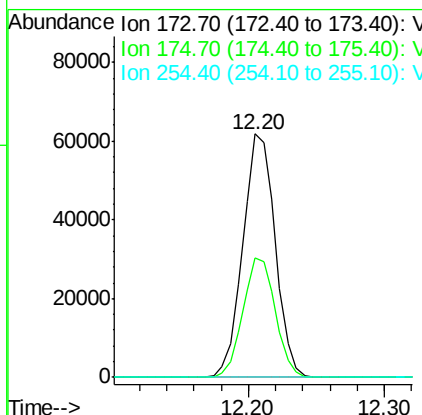
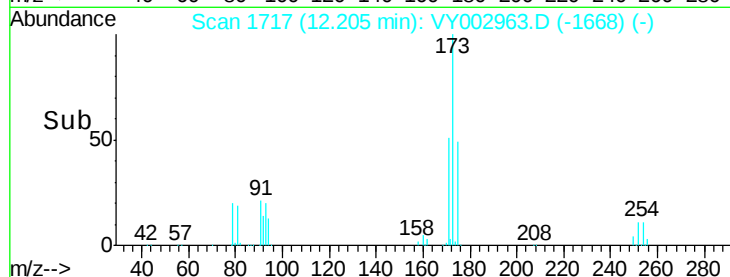
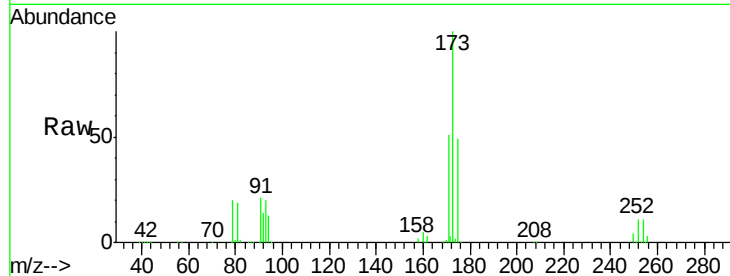
#71
Bromoform
Concen: 46.790 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VY002963.D
Acq: 22 Jun 2020 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.5	23.9	71.8
254	0.1	0.1	0.1

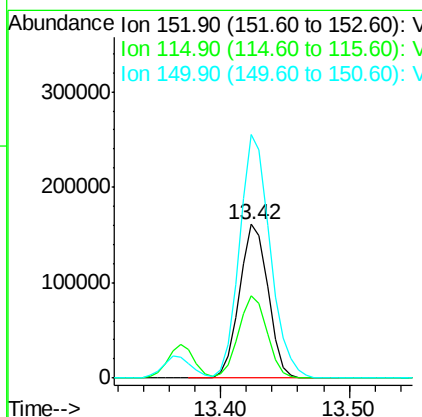
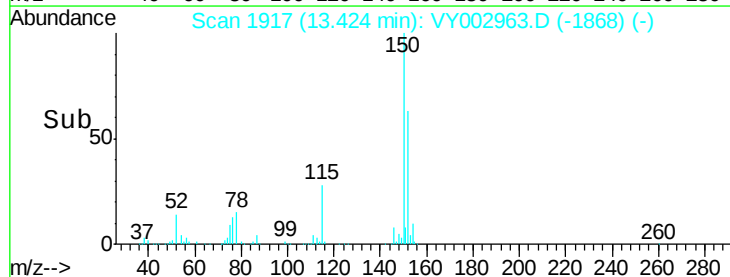
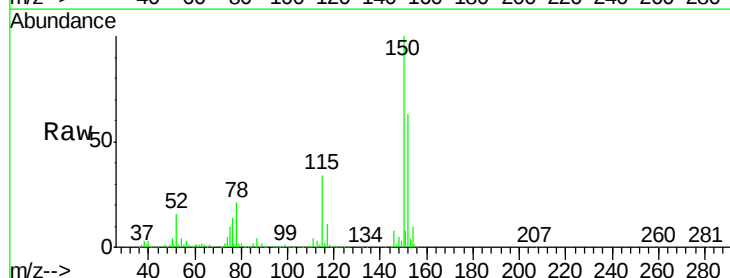
Manual Integrations
APPROVED

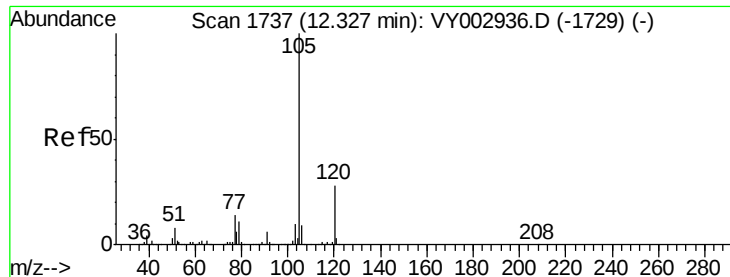
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY002963.D
Acq: 22 Jun 2020 10:35

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.4	26.9	80.6
150	170.4	0.0	341.8





#73

Isopropylbenzene

Concen: 46.730 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY002963.D

Acq: 22 Jun 2020 10:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 704711

Ion Ratio Lower Upper

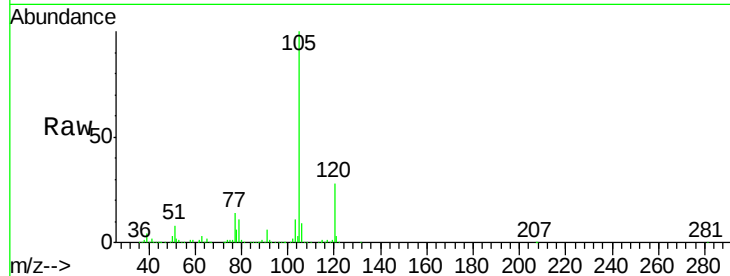
105 100

120 27.7 14.0 41.9

Manual Integrations
APPROVED

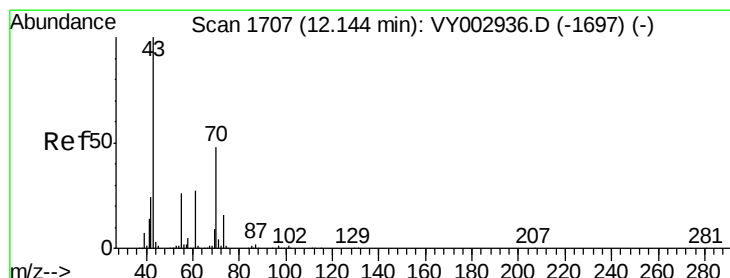
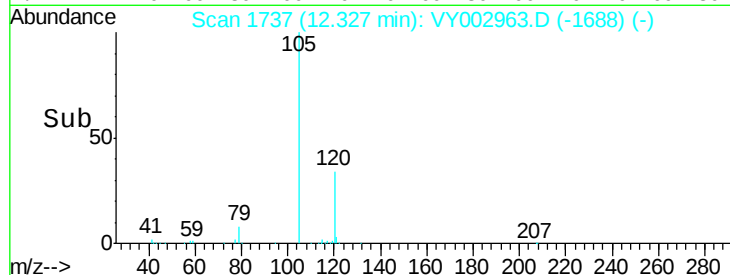
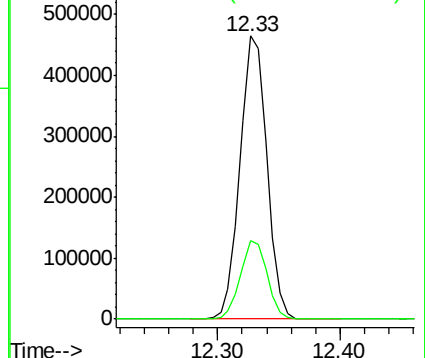
MMDadoda

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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: 45.618 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY002963.D

Acq: 22 Jun 2020 10:35

Tgt Ion: 43 Resp: 177163

Ion Ratio Lower Upper

43 100

70 48.2 38.0 57.0

55 25.2 20.3 30.5

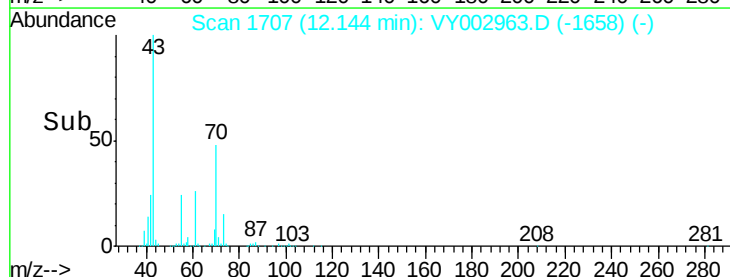
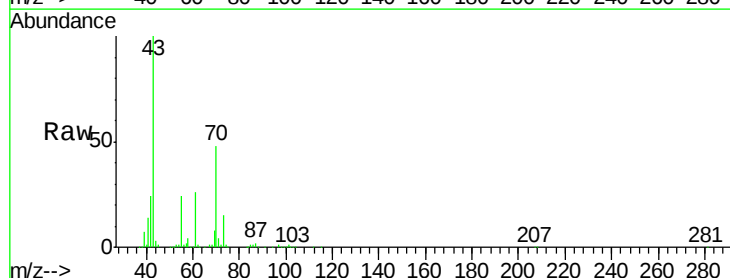
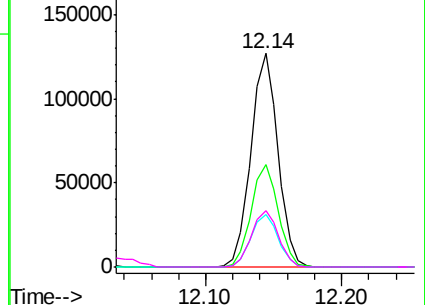
61 26.7 21.4 32.2

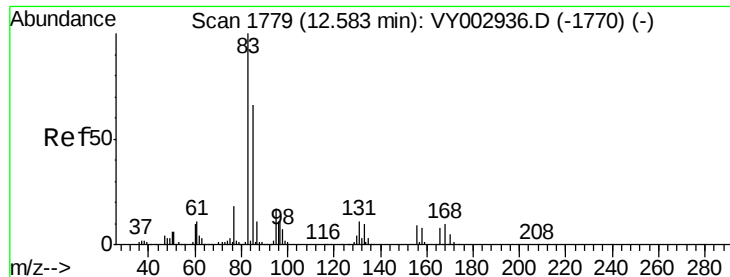
Abundance Ion 43.00 (42.70 to 43.70): VY0

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: 45.291 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY002963.D

Acq: 22 Jun 2020 10:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 126632
Ion Ratio Lower Upper

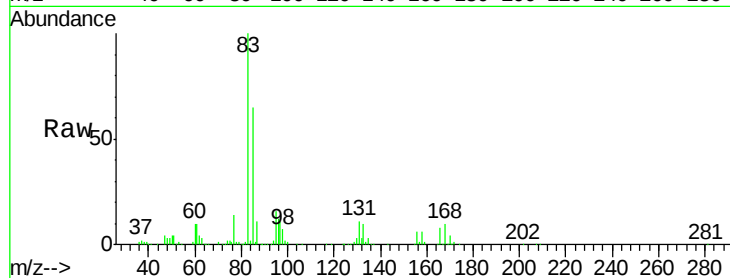
83 100

131 11.8 5.9 17.7

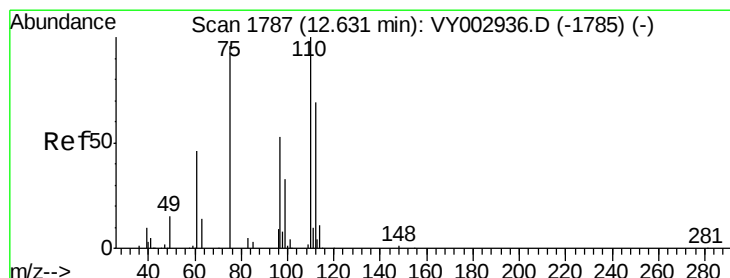
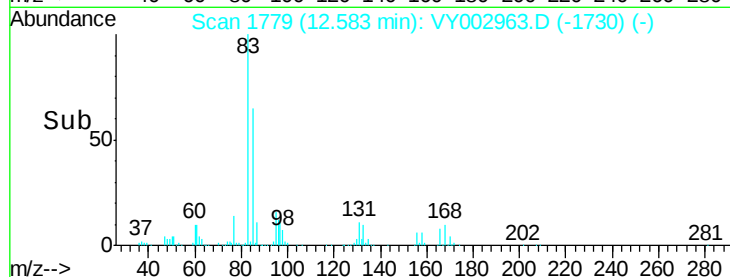
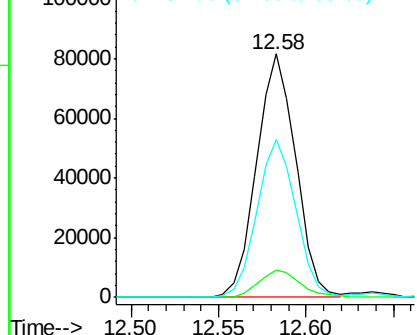
85 64.6 32.8 98.3

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Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 130.80 (130.50 to 131.50): VY0
Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 47.513 ug/l m

RT: 12.64 min Scan# 1788

Delta R.T. 0.01 min

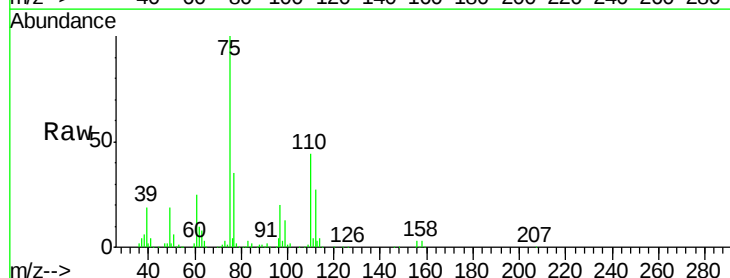
Lab File: VY002963.D

Acq: 22 Jun 2020 10:35

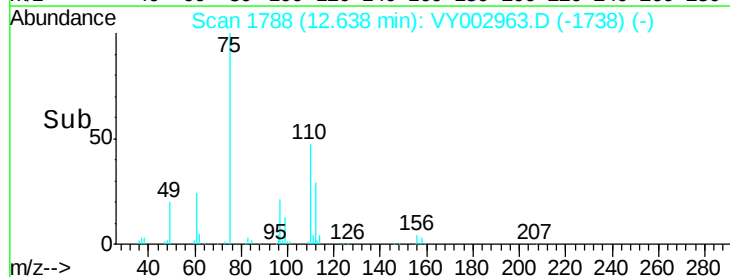
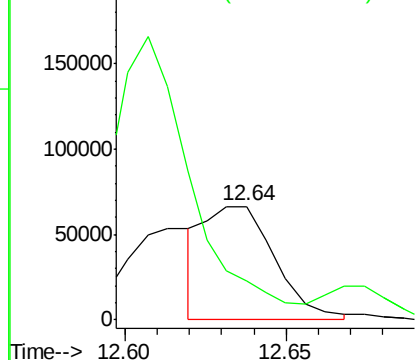
Tgt Ion: 75 Resp: 101816
Ion Ratio Lower Upper

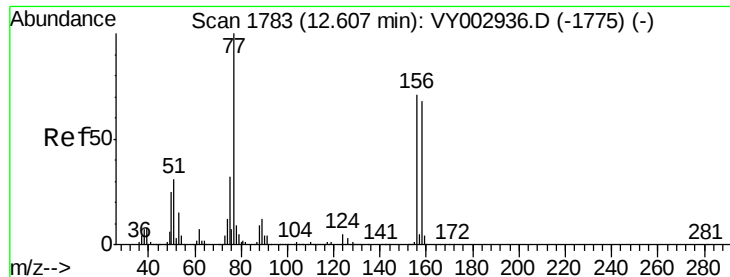
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 77.00 (76.70 to 77.70): VY0





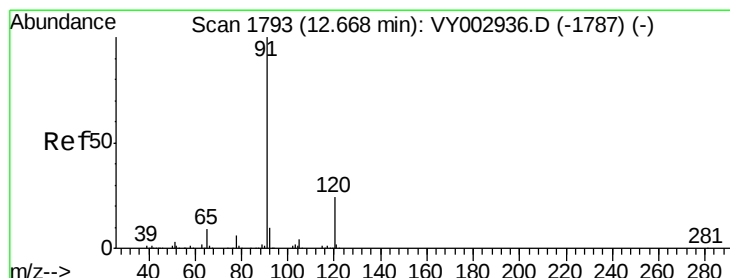
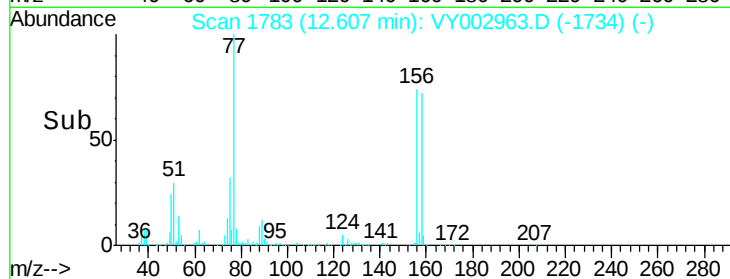
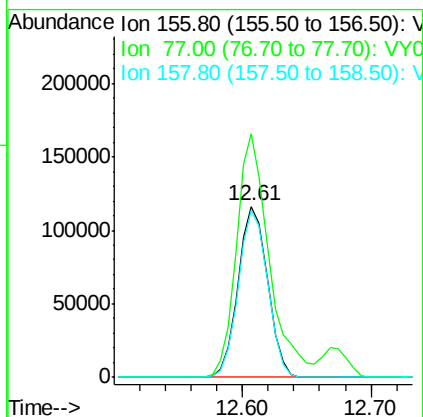
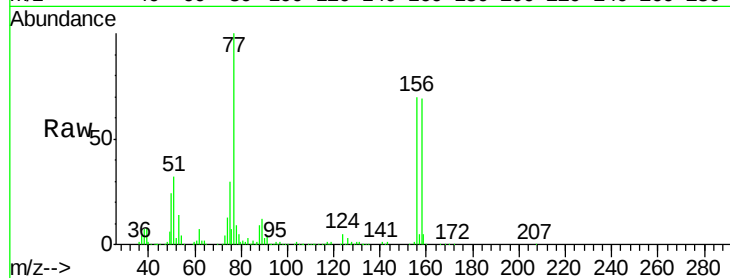
#77
Bromobenzene
Concen: 46.504 ug/l
RT: 12.61 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VY002963.D
Acq: 22 Jun 2020 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	159.6	80.5	241.5
158	97.1	48.2	144.6

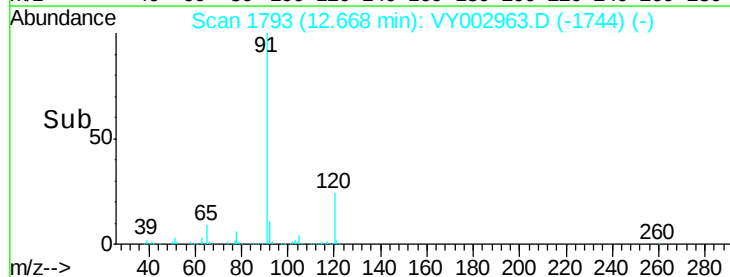
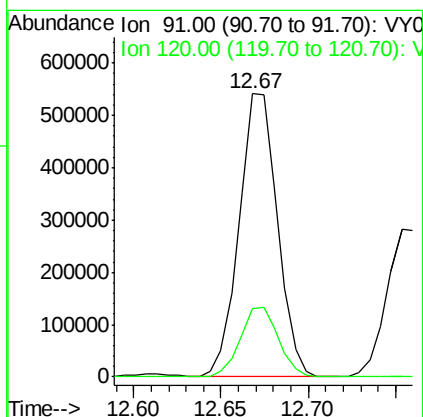
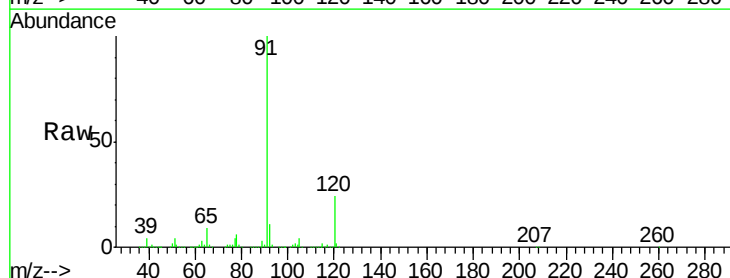
Manual Integrations
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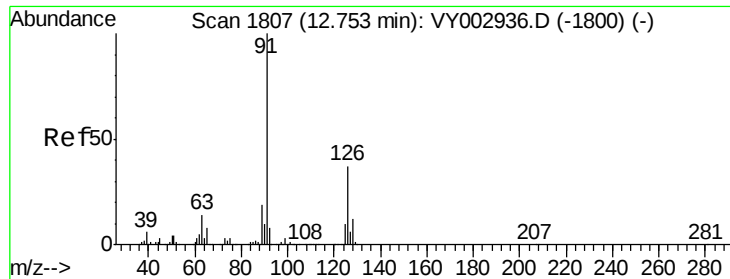
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#78
n-propylbenzene
Concen: 47.045 ug/l
RT: 12.67 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VY002963.D
Acq: 22 Jun 2020 10:35

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.6	12.3	36.9





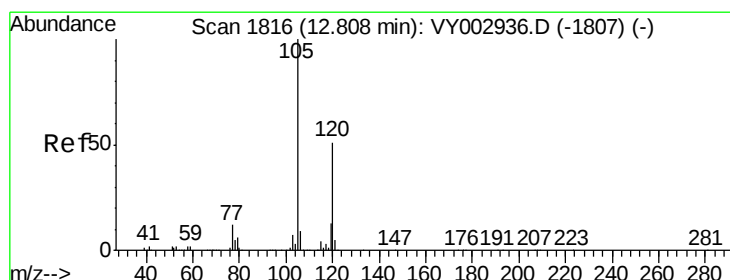
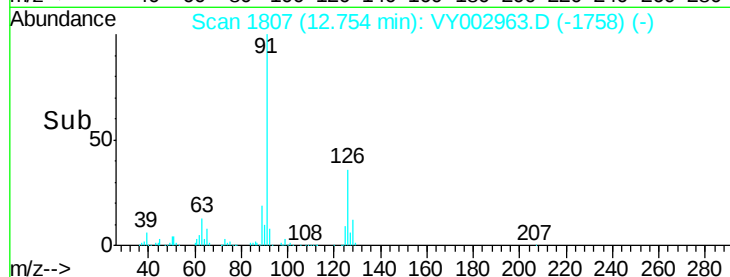
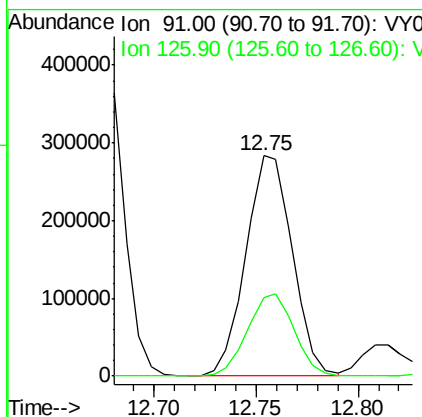
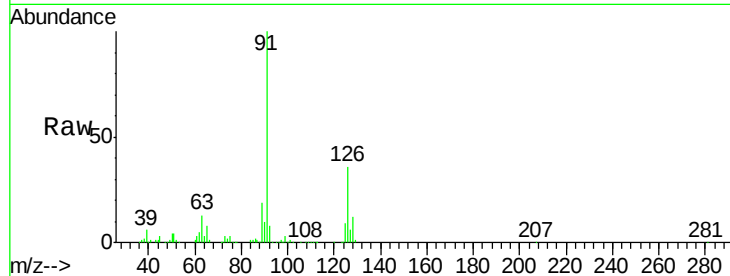
#79
 2-Chlorotoluene
 Concen: 45.945 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VY002963.D
 Acq: 22 Jun 2020 10:35

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
91	100			
126	37.1	18.5	55.5	

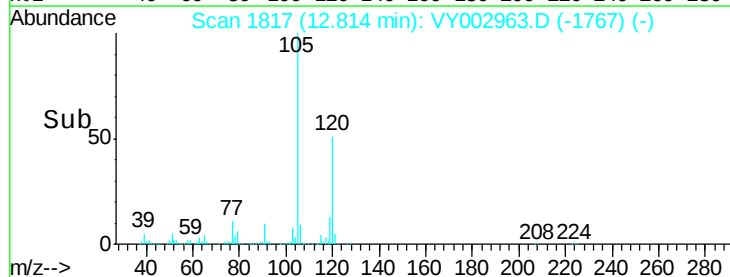
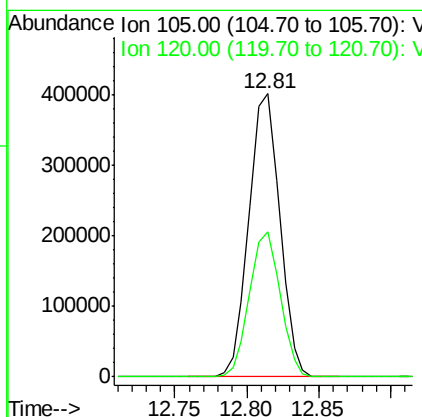
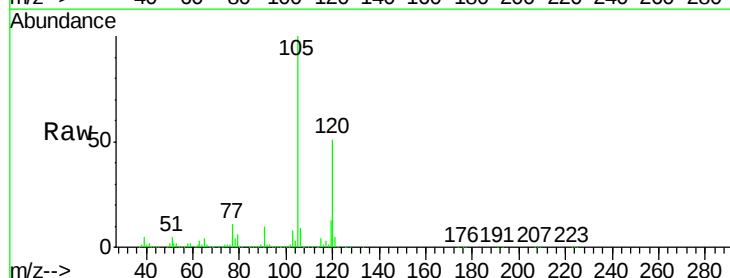
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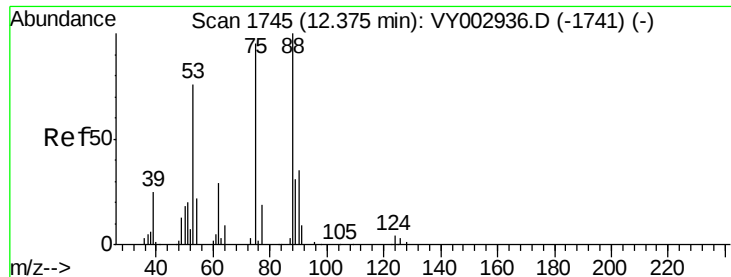
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#80
 1,3,5-Trimethylbenzene
 Concen: 47.427 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. 0.01 min
 Lab File: VY002963.D
 Acq: 22 Jun 2020 10:35

Tgt Ion	Ion	Ratio	Lower	Upper
105	100			
120	51.1	25.6	76.6	





#81

trans-1,4-Dichloro-2-butene

Concen: 47.417 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VY002963.D

Acq: 22 Jun 2020 10:35

Instrument :

MSVOA_Y

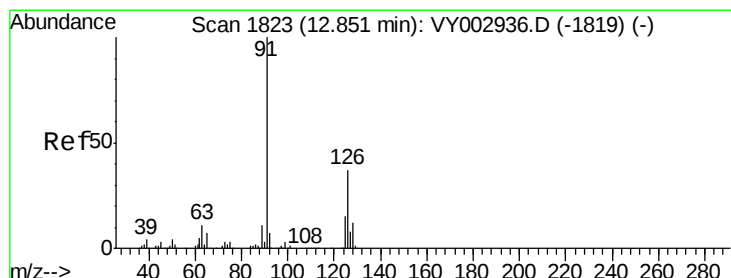
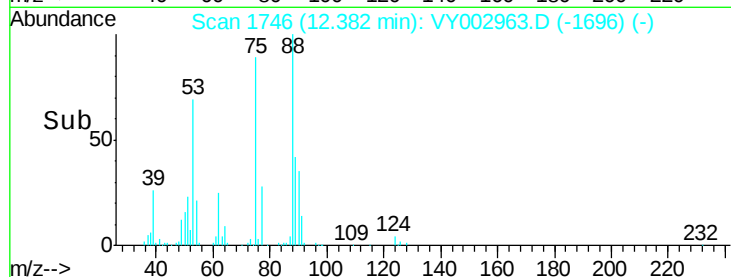
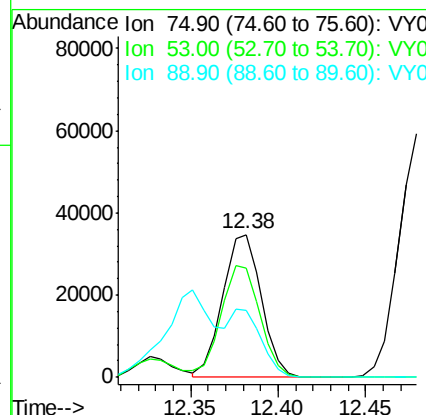
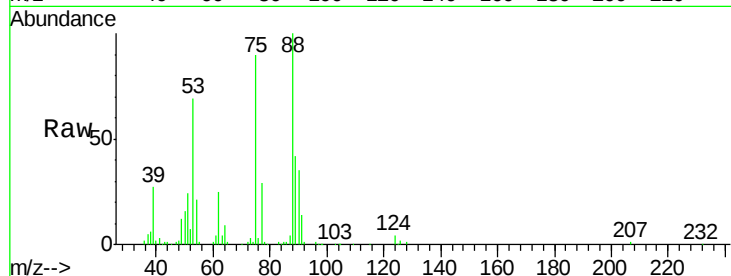
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	53221
Ion	Ratio	Lower	Upper
75	100		
53	79.2	65.1	97.7
89	36.5	38.4	57.6#

Manual Integrations
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#82

4-Chlorotoluene

Concen: 46.601 ug/l

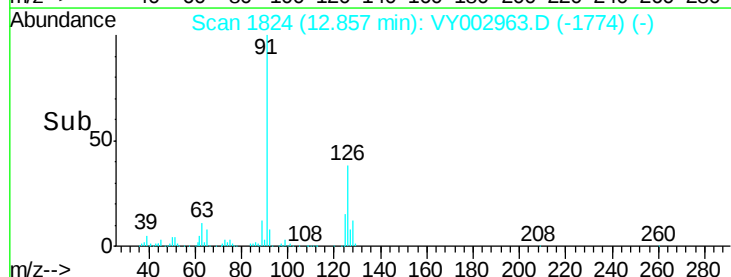
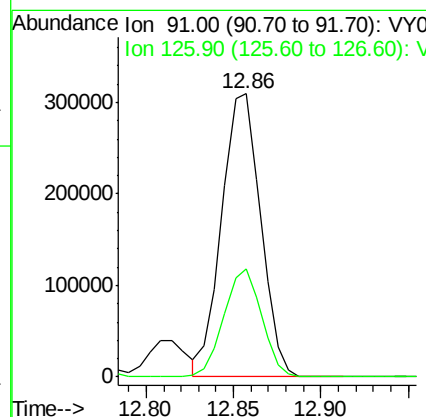
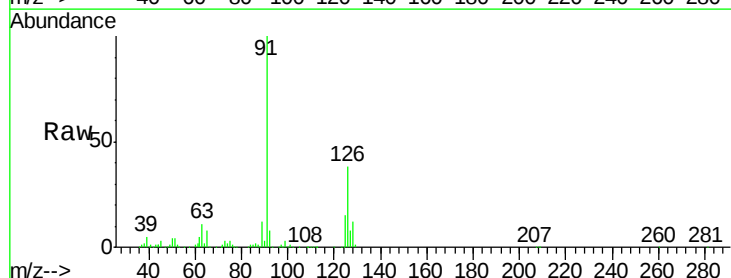
RT: 12.86 min Scan# 1824

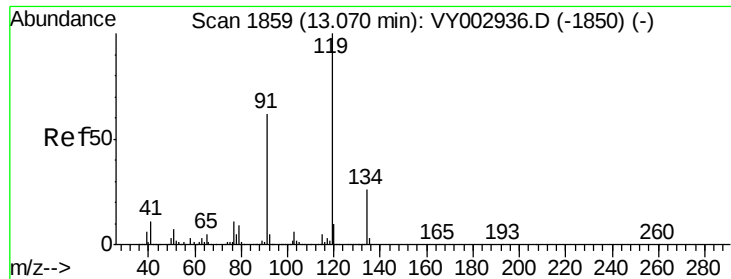
Delta R.T. 0.01 min

Lab File: VY002963.D

Acq: 22 Jun 2020 10:35

Tgt Ion:	91	Resp:	480243
Ion	Ratio	Lower	Upper
91	100		
126	37.0	18.6	55.8





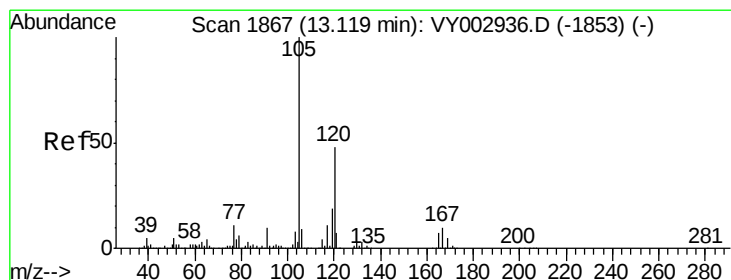
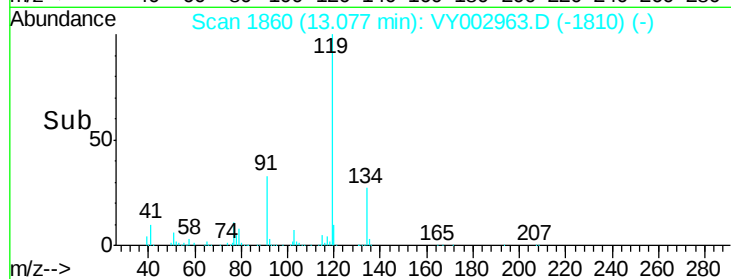
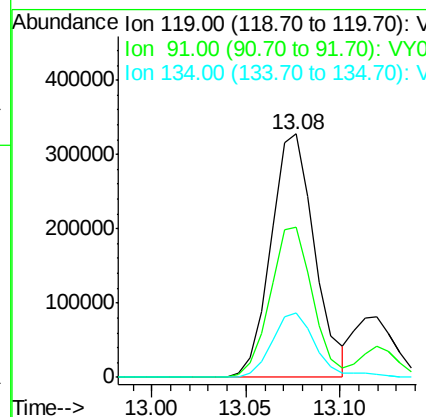
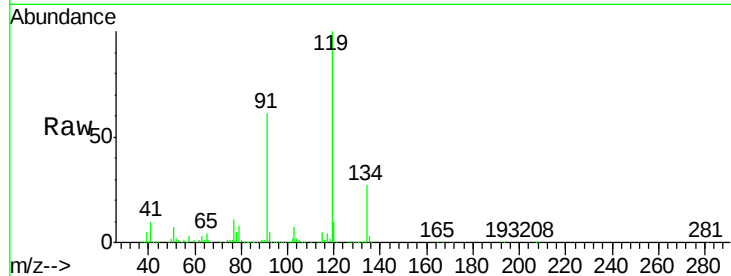
#83
tert-Butylbenzene
Concen: 46.782 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. 0.01 min
Lab File: VY002963.D
Acq: 22 Jun 2020 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	526800		
91	59.8	29.9	89.7	
134	27.0	13.3	39.8	

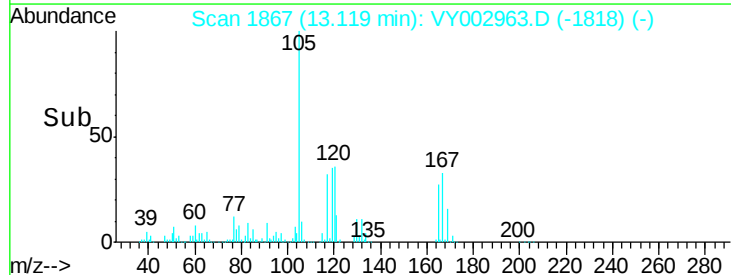
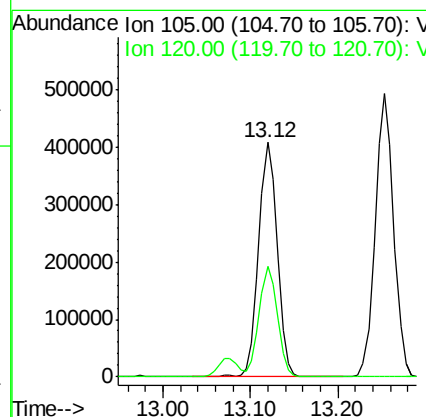
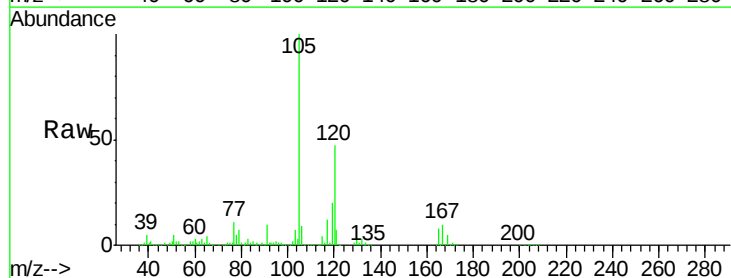
Manual Integrations
APPROVED

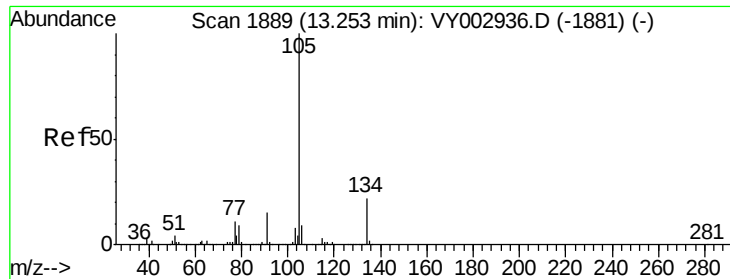
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#84
1,2,4-Trimethylbenzene
Concen: 47.460 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY002963.D
Acq: 22 Jun 2020 10:35

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	600381		
120	46.2	23.5	70.5	





#85

sec-Butylbenzene

Concen: 47.215 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY002963.D

Acq: 22 Jun 2020 10:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 723239

Ion Ratio Lower Upper

105 100

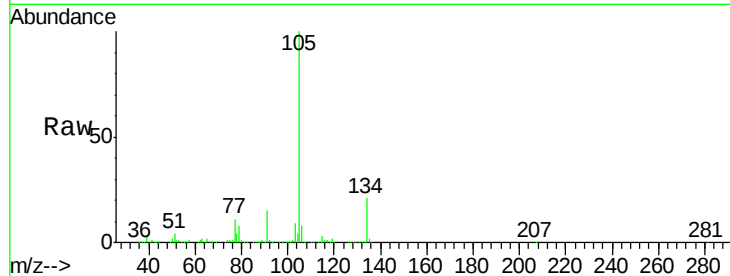
134 21.6 10.8 32.4

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.25

500000

400000

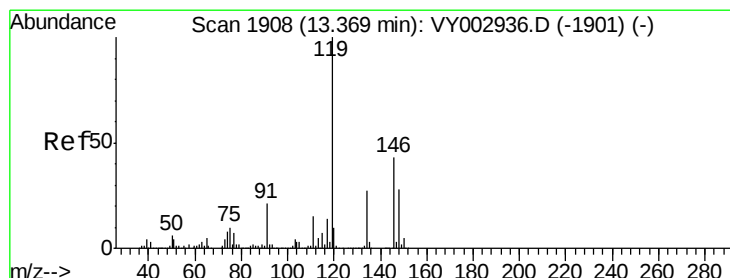
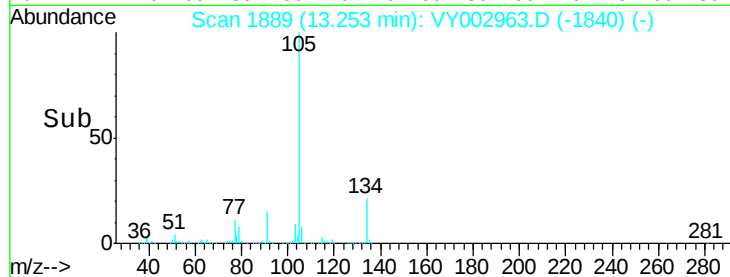
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 47.554 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY002963.D

Acq: 22 Jun 2020 10:35

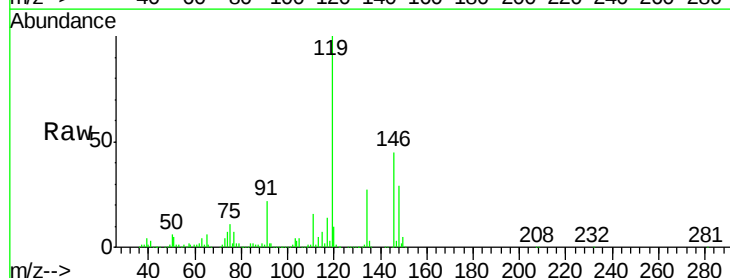
Tgt Ion:119 Resp: 683273

Ion Ratio Lower Upper

119 100

134 27.1 13.6 40.8

91 21.6 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

13.37

600000

500000

400000

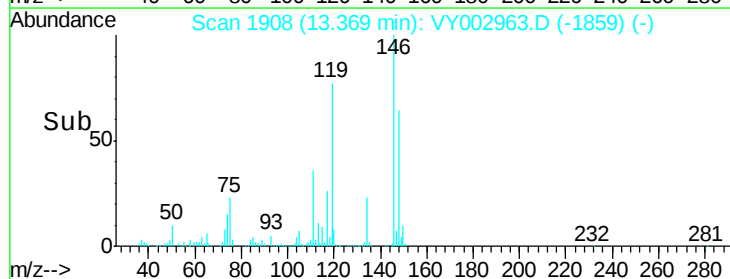
300000

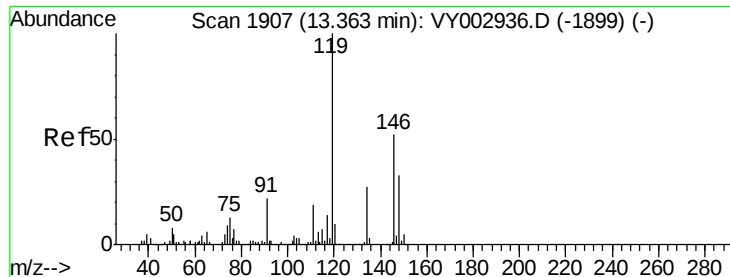
200000

100000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 46.510 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.01 min

Lab File: VY002963.D

Acq: 22 Jun 2020 10:35

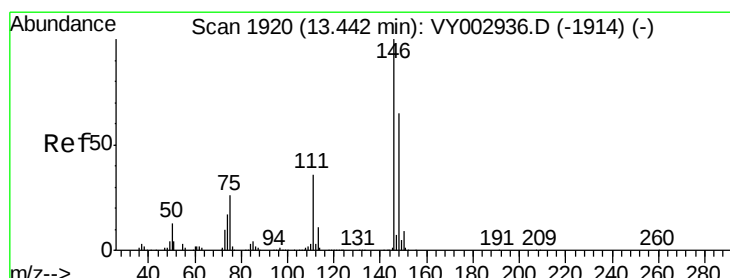
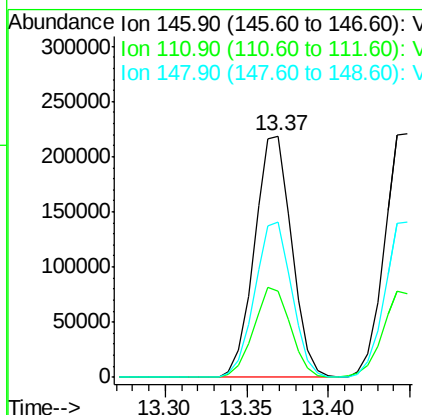
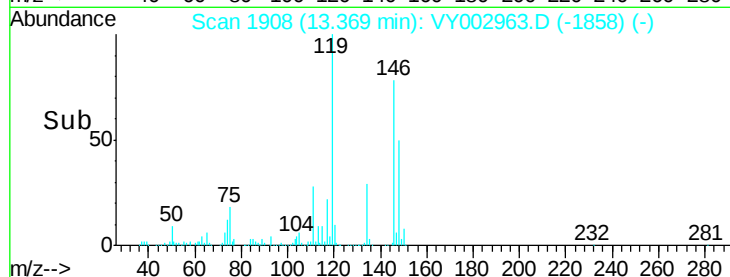
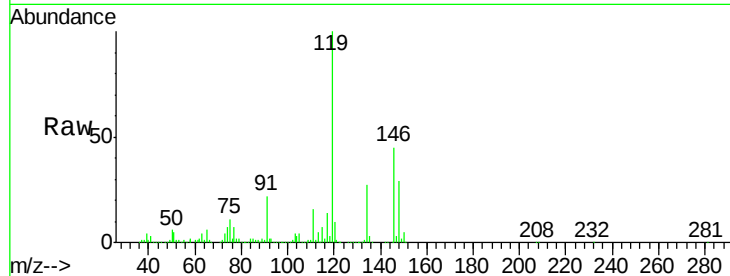
Instrument :
MSVOA_Y

ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.2	54.6
148	63.9	31.9	95.7

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 46.678 ug/l

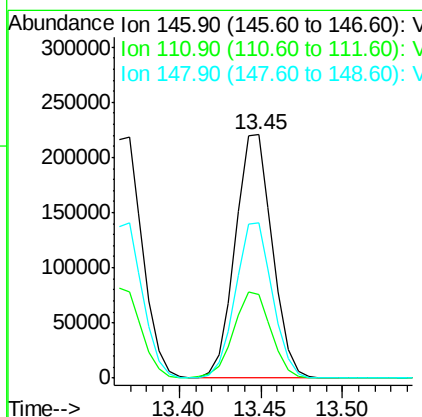
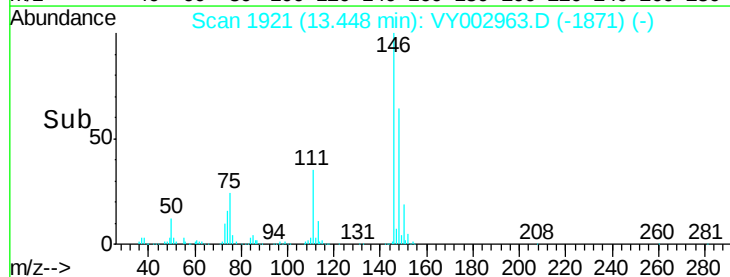
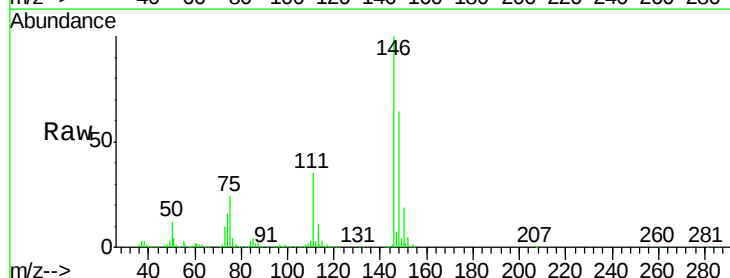
RT: 13.45 min Scan# 1921

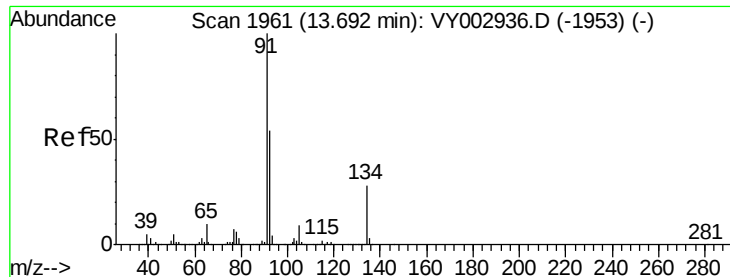
Delta R.T. 0.01 min

Lab File: VY002963.D

Acq: 22 Jun 2020 10:35

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.8	17.9	53.8
148	63.4	32.1	96.5





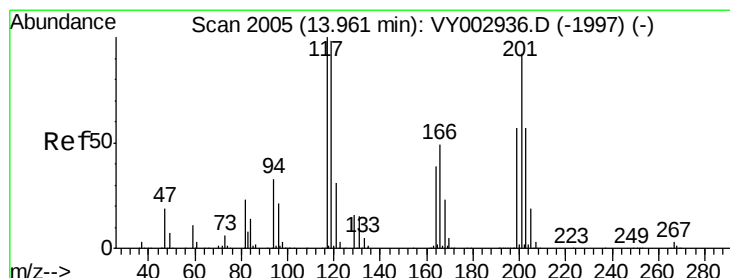
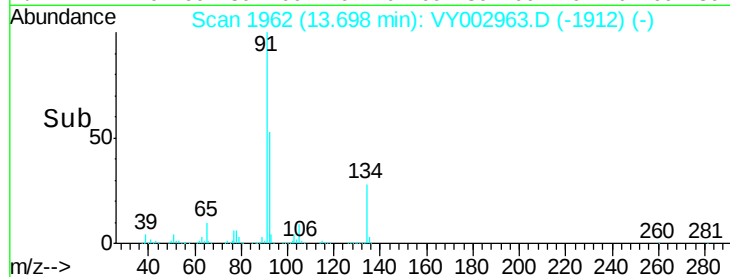
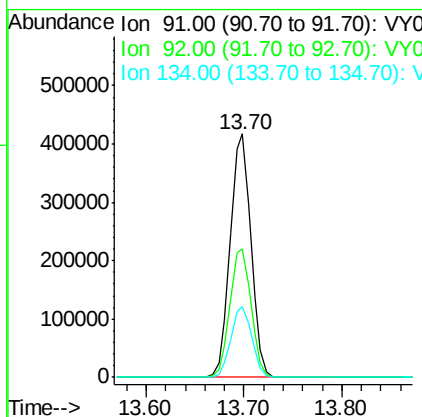
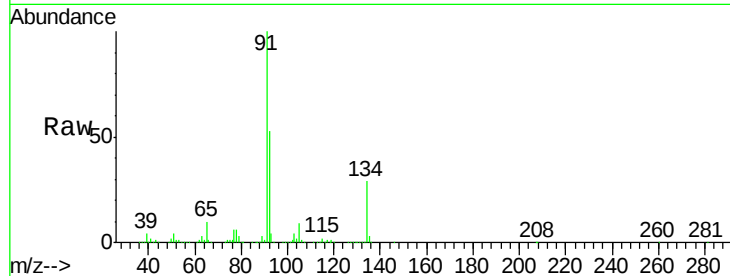
#89
n-Butylbenzene
Concen: 47.194 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY002963.D
Acq: 22 Jun 2020 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.9	27.0	80.8
134	29.2	14.5	43.5

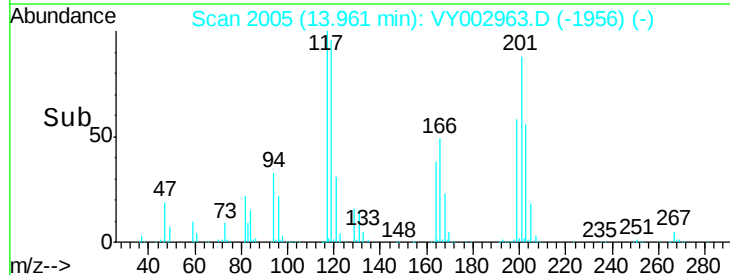
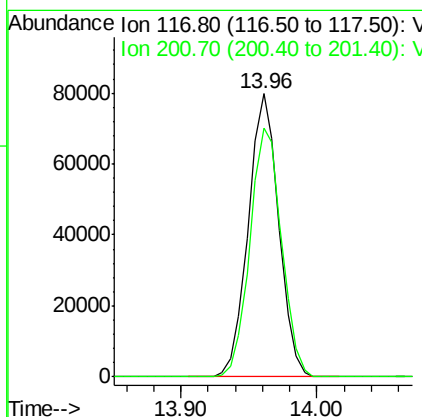
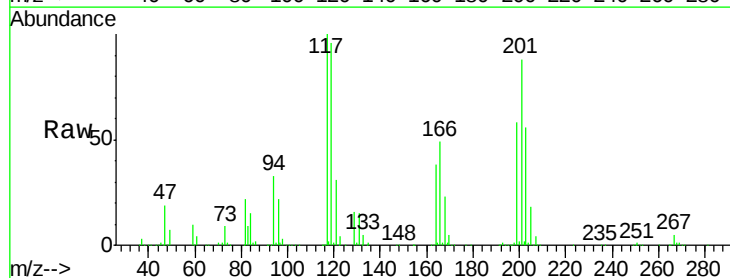
Manual Integrations
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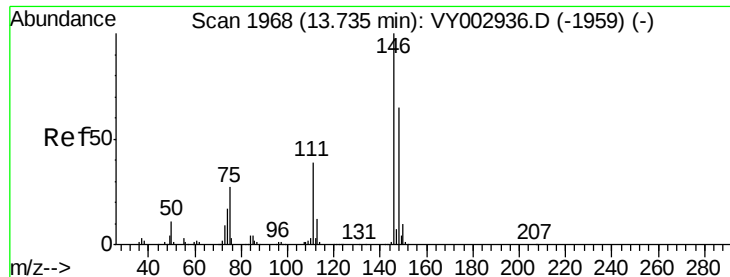
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#90
Hexachloroethane
Concen: 46.856 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY002963.D
Acq: 22 Jun 2020 10:35

Tgt Ion	Ratio	Lower	Upper
117	100		
201	90.9	45.1	135.5





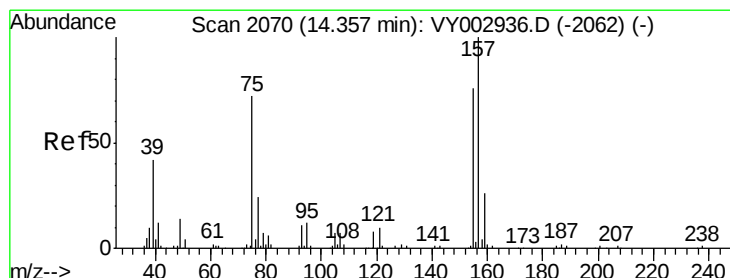
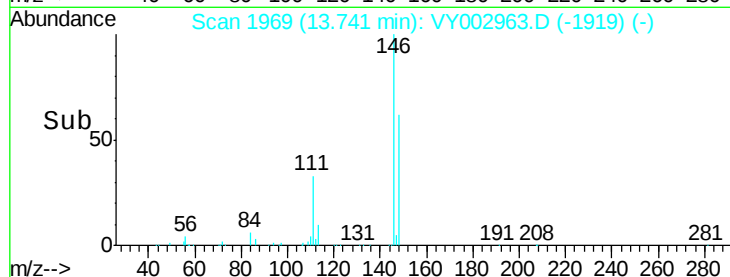
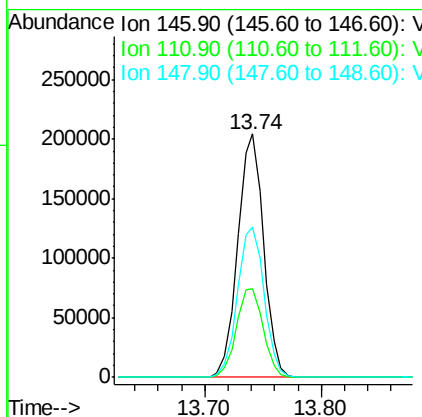
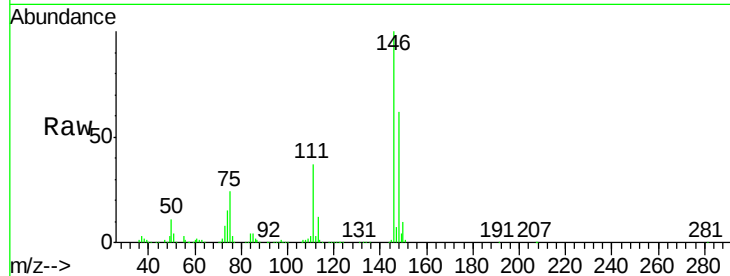
#91
 1,2-Dichlorobenzene
 Concen: 46.739 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.01 min
 Lab File: VY002963.D
 Acq: 22 Jun 2020 10:35

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	316590		
111	37.9	18.9	56.9	
148	63.5	32.0	96.2	

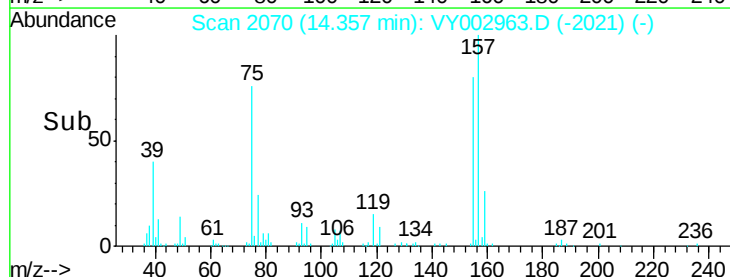
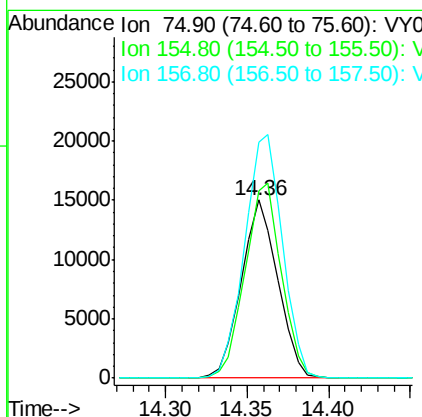
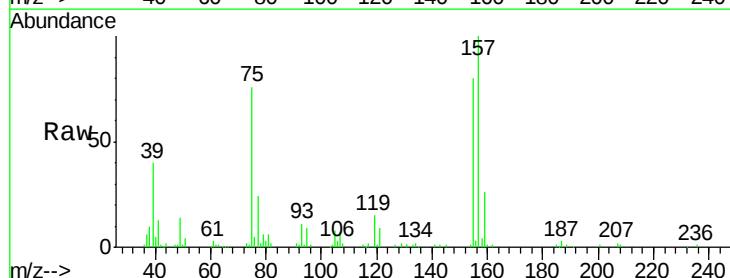
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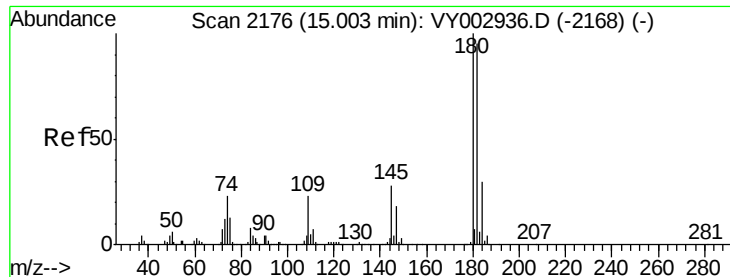
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.993 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY002963.D
 Acq: 22 Jun 2020 10:35

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	23502		
155	109.0	53.1	159.4	
157	141.2	69.0	206.9	





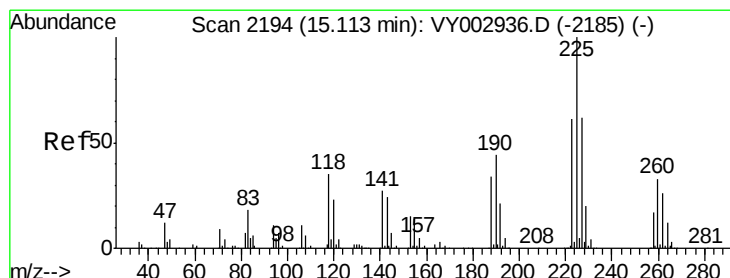
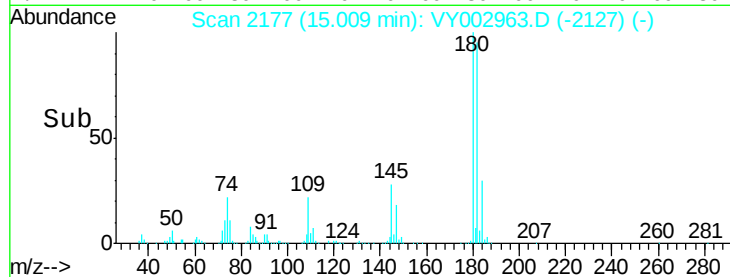
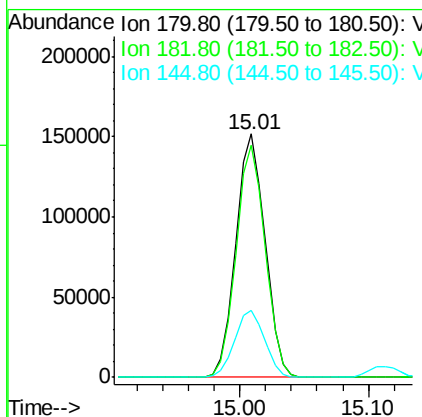
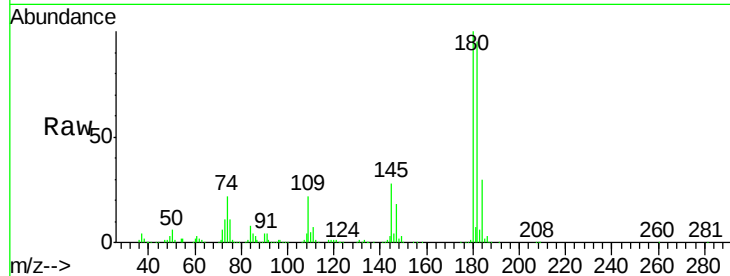
#93
 1,2,4-Trichlorobenzene
 Concen: 46.886 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.01 min
 Lab File: VY002963.D
 Acq: 22 Jun 2020 10:35

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.0	47.9	143.6	
145	28.5	14.1	42.3	

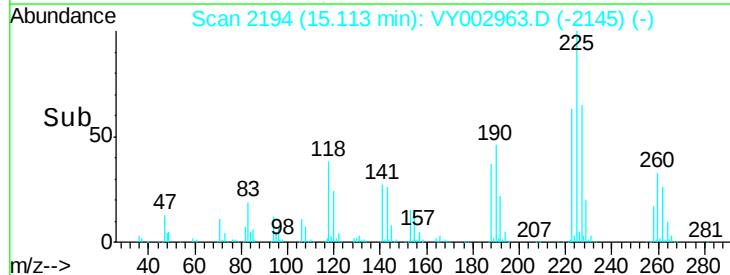
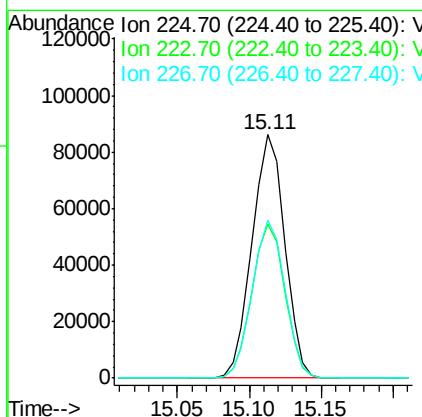
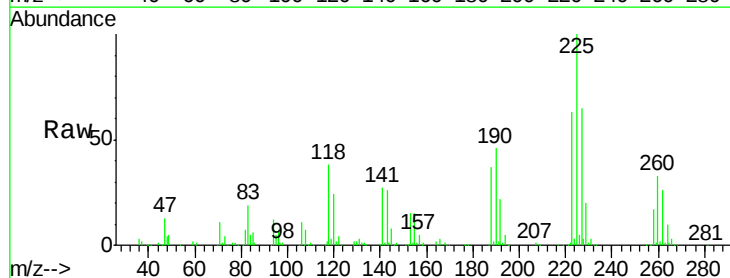
Manual Integrations
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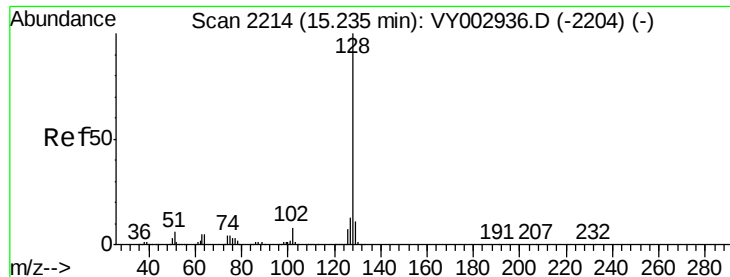
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#94
 Hexachlorobutadiene
 Concen: 46.293 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY002963.D
 Acq: 22 Jun 2020 10:35

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.7	31.3	93.8	
227	64.7	31.9	95.7	





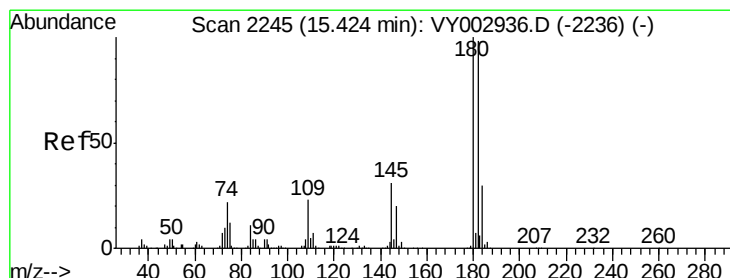
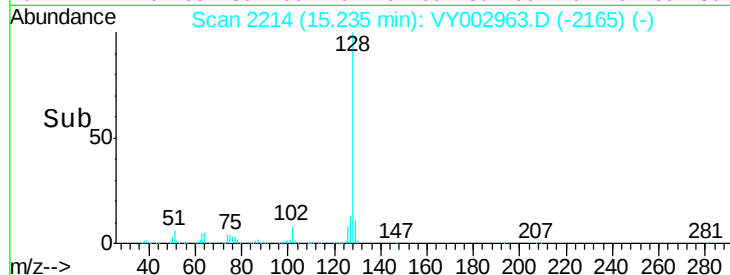
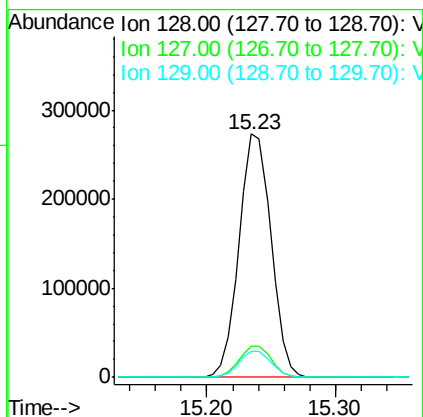
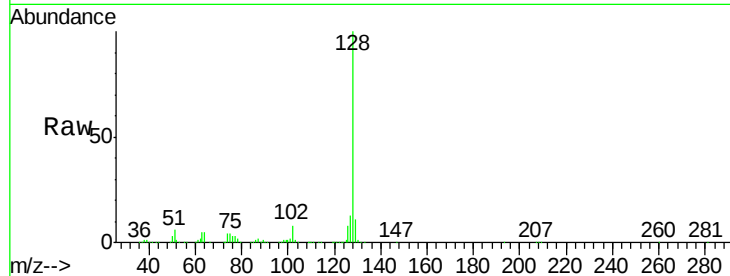
#95
Naphthalene
Concen: 46.254 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY002963.D
Acq: 22 Jun 2020 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100	468573		
127	12.9		10.2	15.4
129	11.0		8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 46.149 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY002963.D
Acq: 22 Jun 2020 10:35

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	209277		
182	96.3		47.8	143.3
145	30.5		15.0	45.0

